

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101819\
 Data File : BF117441.D
 Acq On : 18 Oct 2019 15:40
 Operator : JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 18:14:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 17:56:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	45615	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	197235	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	102649	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	164702	20.00	ng	0.00
76) Chrysene-d12	13.89	240	122241	20.00	ng	0.00
87) Perylene-d12	15.32	264	109804	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	122282	41.25	ng	0.00
7) Phenol-d6	6.37	99	169897	43.19	ng	0.00
23) Nitrobenzene-d5	7.30	82	161861	41.60	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	36837	44.09	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	306125	43.48	ng	0.00
79) Terphenyl-d14	12.83	244	297356	39.65	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.40	88	26727	21.899	ng	99
3) Pyridine	3.14	79	68157	21.944	ng	99
4) n-Nitrosodimethylamine	3.07	42	22686	20.727	ng	# 95
6) Aniline	6.40	93	101013	20.557	ng	94
8) 2-Chlorophenol	6.52	128	65941	20.006	ng	97
9) Benzaldehyde	6.29	77	47355	24.691	ng	97
10) Phenol	6.39	94	86150	20.287	ng	92
11) bis(2-Chloroethyl)ether	6.47	93	62927	19.490	ng	98
12) 1,3-Dichlorobenzene	6.67	146	72340	19.626	ng	98
13) 1,4-Dichlorobenzene	6.75	146	76446	20.346	ng	96
14) 1,2-Dichlorobenzene	6.90	146	71343	20.102	ng	97
15) Benzyl Alcohol	6.89	79	60718	20.176	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	68652	20.250	ng	84
17) 2-Methylphenol	7.00	107	53824	19.561	ng	93
18) Hexachloroethane	7.24	117	29135	19.944	ng	93
19) n-Nitroso-di-n-propylamine	7.15	70	51961	20.718	ng	95
20) 3+4-Methylphenols	7.16	107	72607	20.493	ng	# 87
22) Acetophenone	7.15	105	107576	20.785	ng	95
24) Nitrobenzene	7.32	77	75848	19.460	ng	97
25) Isophorone	7.56	82	139253	20.091	ng	97
26) 2-Nitrophenol	7.64	139	34094	19.715	ng	99
27) 2,4-Dimethylphenol	7.68	122	51354	19.539	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	86427	20.114	ng	100
29) 2,4-Dichlorophenol	7.89	162	54658	20.155	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	57515	19.674	ng	99
31) Naphthalene	8.04	128	200903	20.396	ng	99
32) Benzoic acid	7.81	122	31968	19.533	ng	89
33) 4-Chloroaniline	8.09	127	84696	20.247	ng	99
34) Hexachlorobutadiene	8.16	225	33714	20.136	ng	97
35) Caprolactam	8.45	113	17806	20.967	ng	87
36) 4-Chloro-3-methylphenol	8.58	107	60698	19.670	ng	99
37) 2-Methylnaphthalene	8.73	142	135076	20.308	ng	99
38) 1-Methylnaphthalene	8.83	142	127306	20.314	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	56668	20.512	ng	99

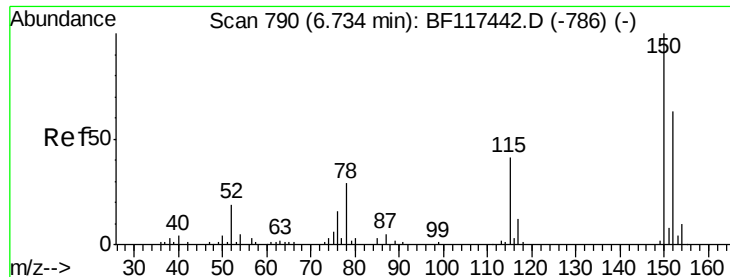
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101819\
 Data File : BF117441.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	4714	9.138	nq	95
43) 2,4,6-Trichlorophenol	9.02	196	34821	19.917	nq	98
44) 2,4,5-Trichlorophenol	9.06	196	35816	20.084	nq	97
46) 1,1'-Biphenyl	9.19	154	175242	20.897	nq	99
47) 2-Chloronaphthalene	9.22	162	129709	19.842	nq	99
48) 2-Nitroaniline	9.32	65	41557	19.924	nq	88
49) Acenaphthylene	9.63	152	192051	20.040	nq	99
50) Dimethylphthalate	9.49	163	149712	20.308	nq	99
51) 2,6-Dinitrotoluene	9.56	165	30575	19.732	nq	97
52) Acenaphthene	9.80	154	117333	20.149	nq	98
53) 3-Nitroaniline	9.73	138	38373	20.279	nq	97
54) 2,4-Dinitrophenol	9.87	184	9801	16.509	nq	94
55) Dibenzofuran	9.97	168	175503	20.661	nq	99
56) 4-Nitrophenol	9.92	139	14150	18.790	nq	93
57) 2,4-Dinitrotoluene	9.97	165	42097	20.589	nq	95
58) Fluorene	10.32	166	143554	20.297	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	24300	17.626	nq	94
60) Diethylphthalate	10.19	149	152349	20.502	nq	98
61) 4-Chlorophenyl-phenylether	10.30	204	64642	20.643	nq	93
62) 4-Nitroaniline	10.34	138	34522	19.193	nq	96
63) Azobenzene	10.46	77	153165	20.088	nq	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	14824	17.917	nq	91
66) n-Nitrosodiphenylamine	10.42	169	122401	19.894	nq	98
67) 4-Bromophenyl-phenylether	10.79	248	35603	19.708	nq	96
68) Hexachlorobenzene	10.87	284	37637	19.400	nq	93
69) Atrazine	10.95	200	34266	34.345	nq	98
70) Pentachlorophenol	11.07	266	10142	17.474	nq	94
71) Phenanthrene	11.27	178	194732	20.001	nq	99
72) Anthracene	11.33	178	204566	20.353	nq	98
73) Carbazole	11.49	167	184335	20.190	nq	99
74) Di-n-butylphthalate	11.81	149	247132	19.990	nq	99
75) Fluoranthene	12.46	202	200573	20.718	nq	99
77) Benzidine	12.59	184	81589	26.987	nq	99
78) Pyrene	12.69	202	202145	18.708	nq	99
80) Butylbenzylphthalate	13.30	149	103110	18.977	nq	95
81) Benzo(a)anthracene	13.88	228	169997	20.268	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	58733	22.148	nq	# 97
83) Chrysene	13.92	228	162545	19.651	nq	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	144774	18.897	nq	# 96
85) Di-n-octyl phthalate	14.47	149	229427	19.671	nq	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	114383	19.777	nq	100
88) Benzo(b)fluoranthene	14.92	252	134572	19.686	nq	97
89) Benzo(k)fluoranthene	14.94	252	140429	20.671	nq	98
90) Benzo(a)pyrene	15.26	252	121163	20.016	nq	99
91) Dibenzo(a,h)anthracene	16.73	278	95243	18.362	nq	97
92) Benzo(g,h,i)perylene	17.14	276	87793	17.781	nq	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

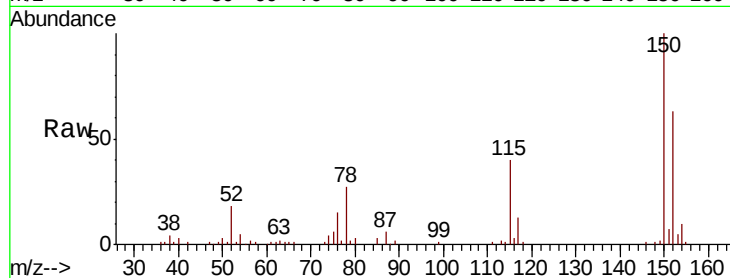


#1

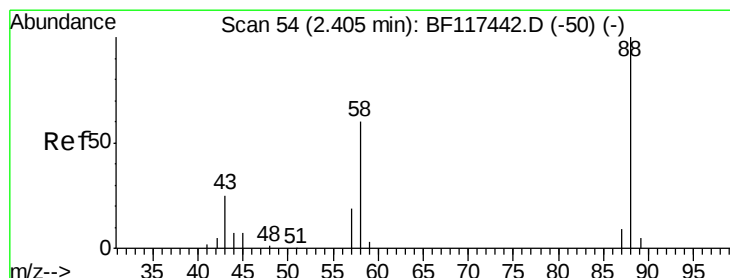
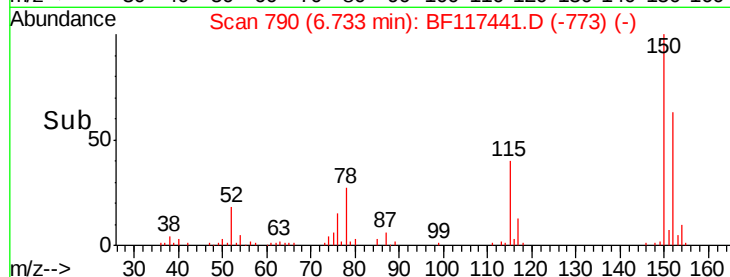
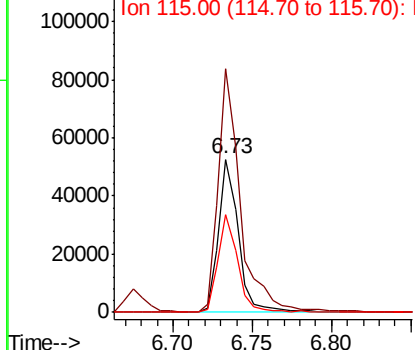
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 45615
Ion Ratio Lower Upper
152 100
150 158.9 126.8 190.2
115 63.4 51.6 77.4



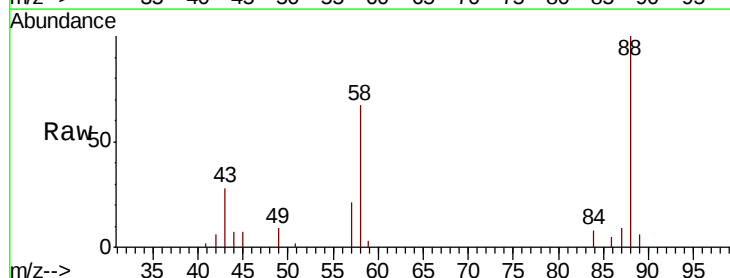
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



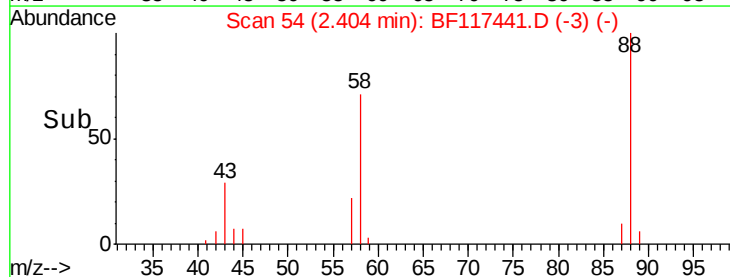
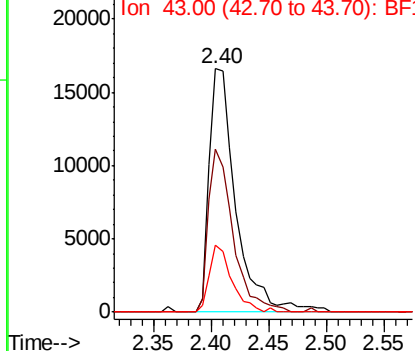
#2

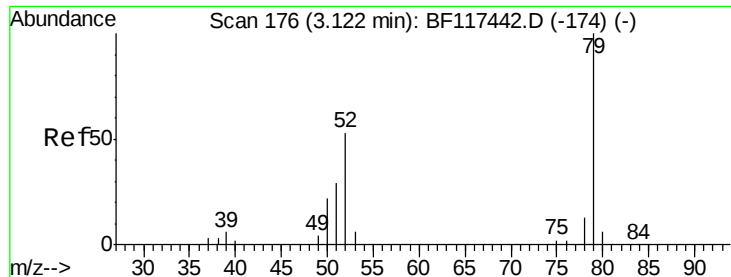
1,4-Dioxane
Concen: 21.899 ng
RT: 2.40 min Scan# 54
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion: 88 Resp: 26727
Ion Ratio Lower Upper
88 100
58 61.9 48.8 73.2
43 23.4 18.5 27.7



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 21.944 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.02 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

ClientSampled :

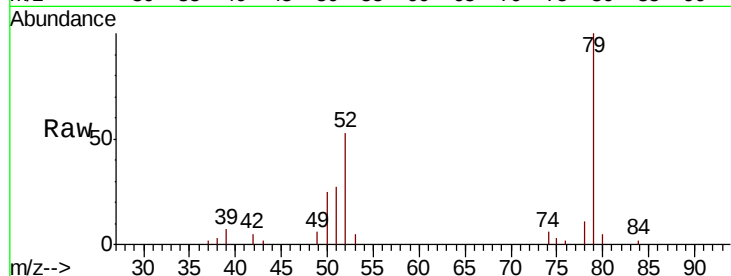
Tot Ion: 79 Resp: 68157

Ion Ratio Lower Upper

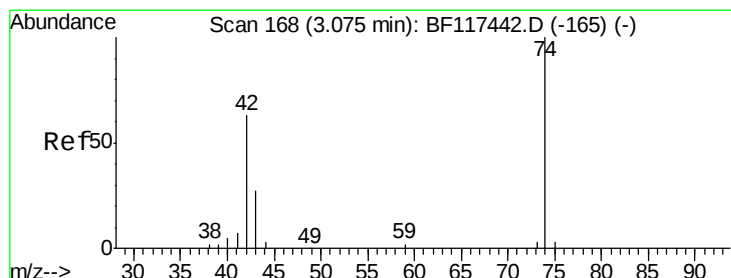
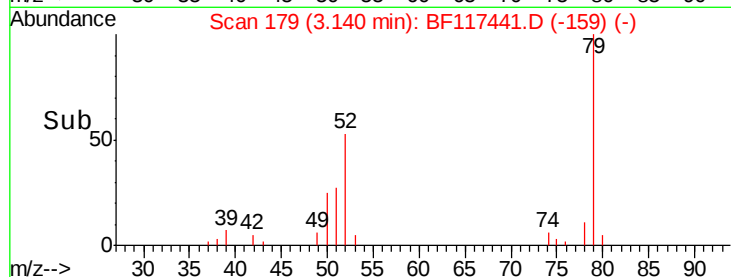
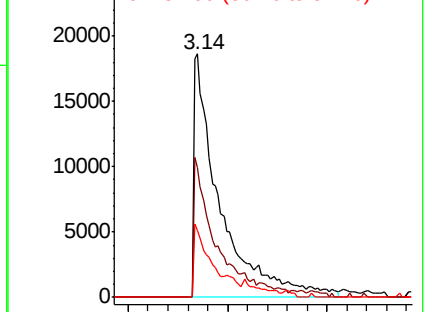
79 100

52 53.2 42.4 63.6

51 27.3 23.3 34.9



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 20.727 ng

RT: 3.07 min Scan# 167

Delta R.T. -0.01 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

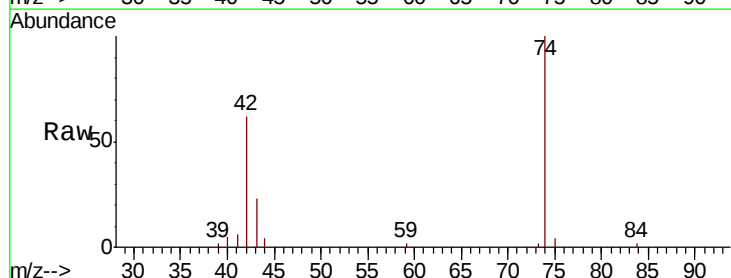
Tgt Ion: 42 Resp: 22686

Ion Ratio Lower Upper

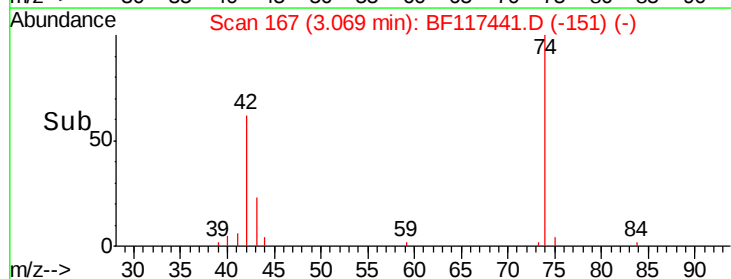
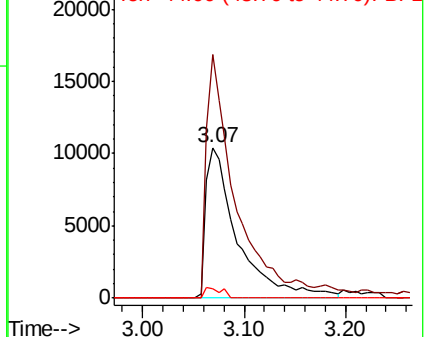
42 100

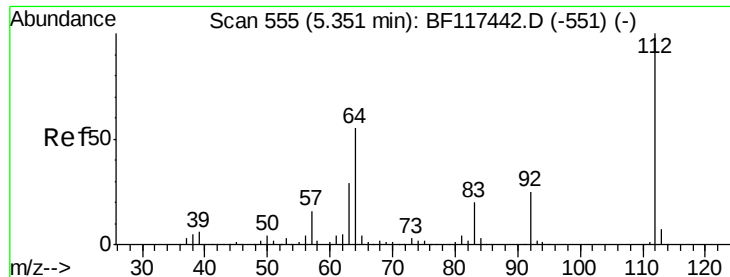
74 162.1 124.2 186.4

44 6.5 4.2 6.4#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 41.247 ng

RT: 5.35 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

ClientSampled :

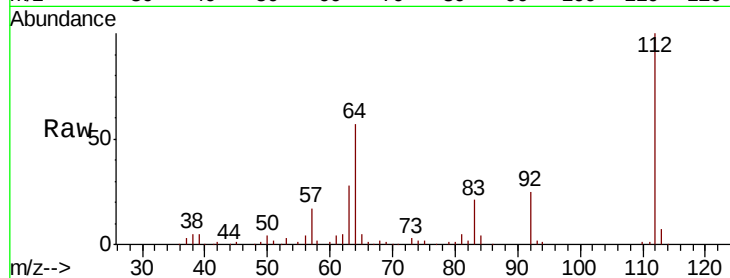
Tot Ion:112 Resp: 122282

Ion Ratio Lower Upper

112 100

64 57.0 44.1 66.1

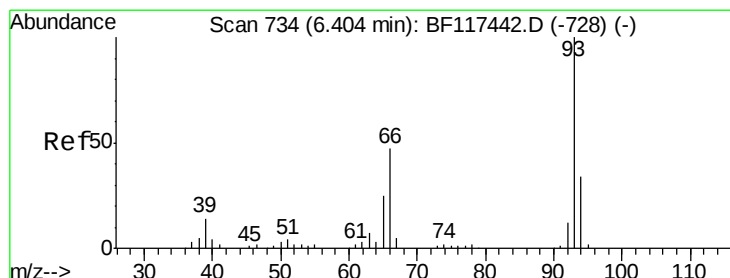
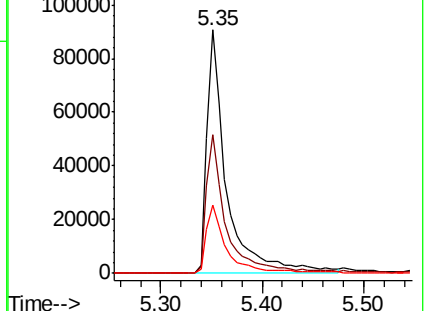
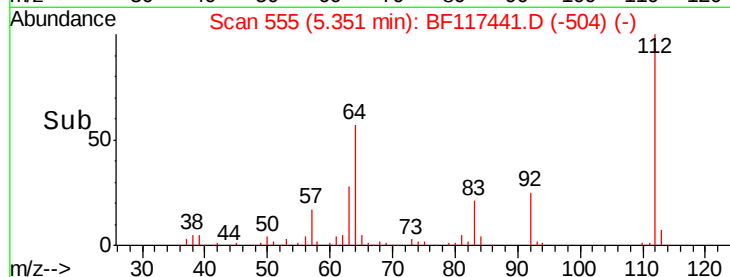
63 27.9 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.557 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

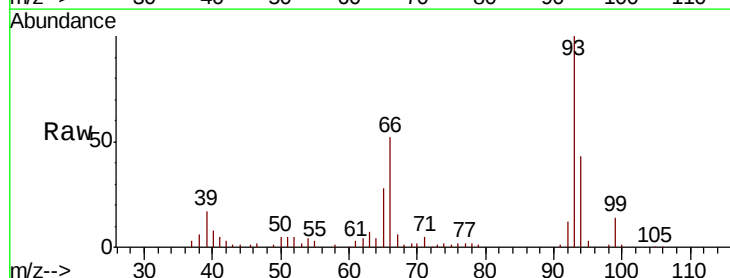
Tgt Ion: 93 Resp: 101013

Ion Ratio Lower Upper

93 100

66 52.5 38.7 58.1

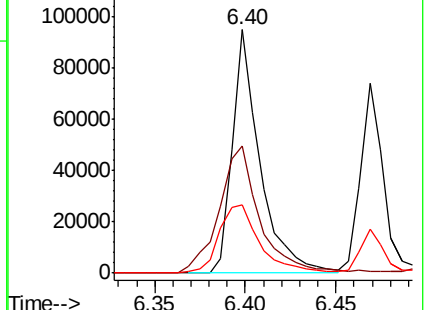
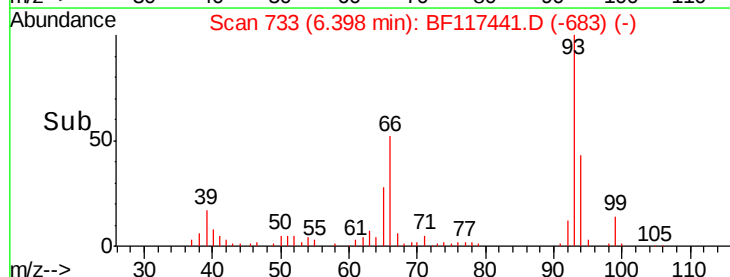
65 27.9 20.1 30.1

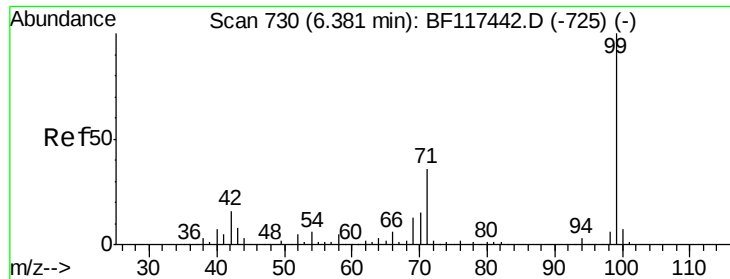


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 43.192 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

ClientSampleId :

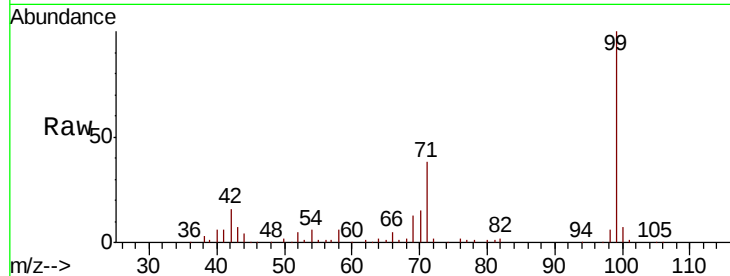
Tot Ion: 99 Resp: 169897

Ion Ratio Lower Upper

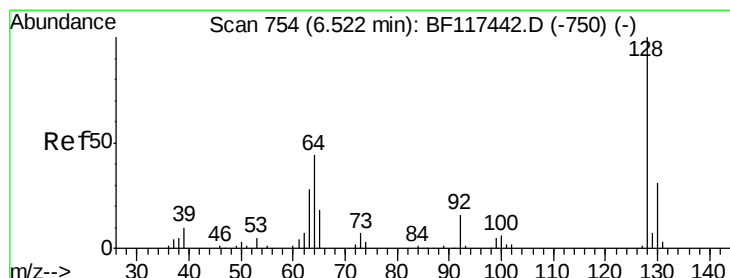
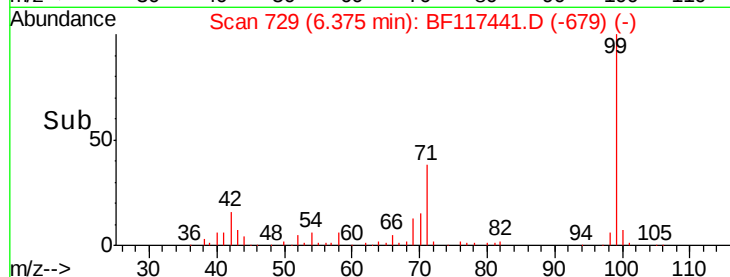
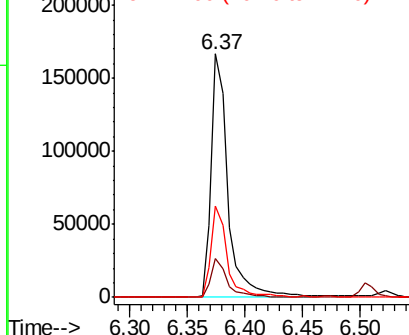
99 100

42 15.8 12.8 19.2

71 37.6 28.6 43.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 20.006 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

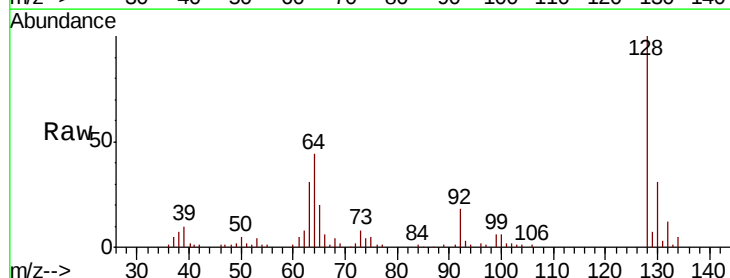
Tgt Ion: 128 Resp: 65941

Ion Ratio Lower Upper

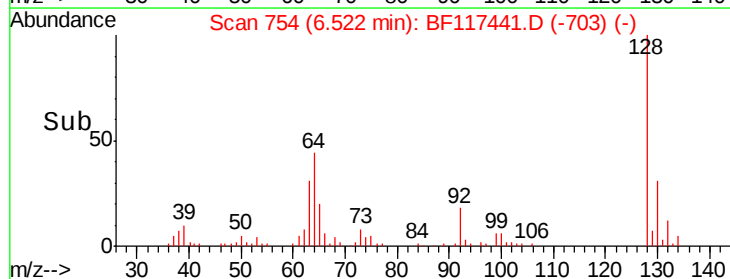
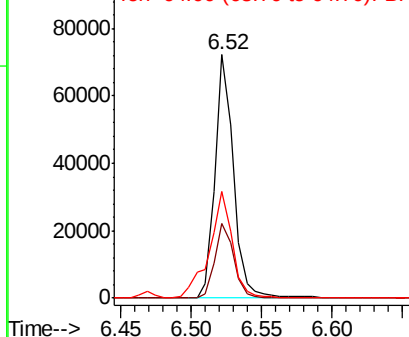
128 100

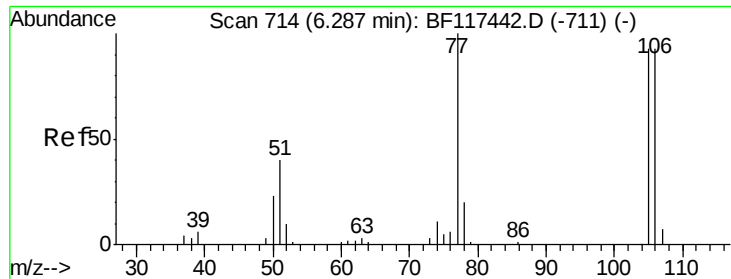
130 30.8 11.1 51.1

64 43.9 27.1 67.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.691 ng

RT: 6.29 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

ClientSampleId :

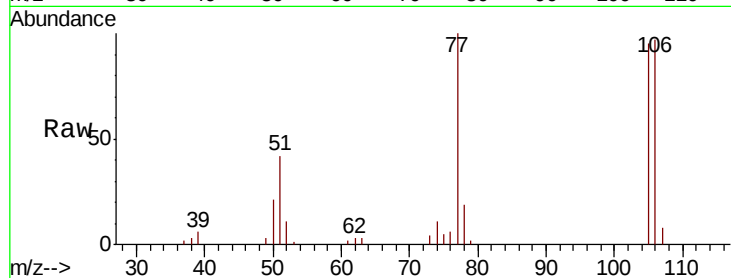
Tot Ion: 77 Resp: 47355

Ion Ratio Lower Upper

77 100

105 95.1 73.4 113.4

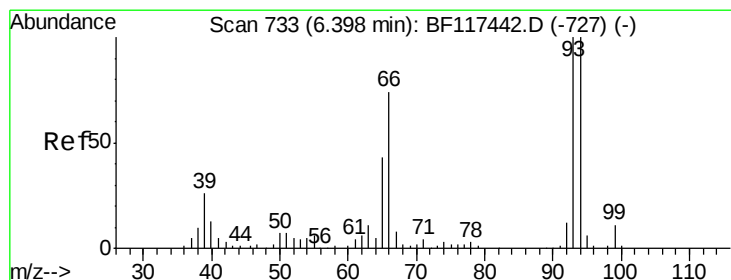
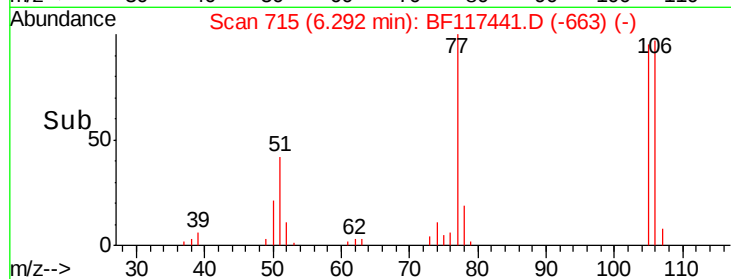
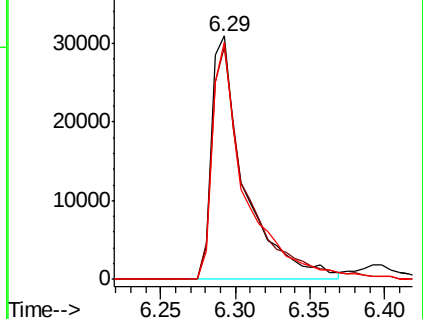
106 97.3 73.0 113.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 20.287 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

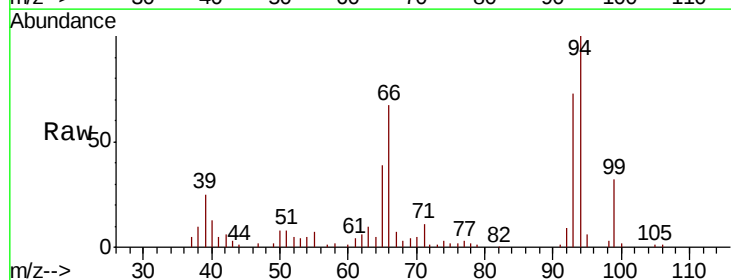
Tgt Ion: 94 Resp: 86150

Ion Ratio Lower Upper

94 100

65 38.8 23.4 63.4

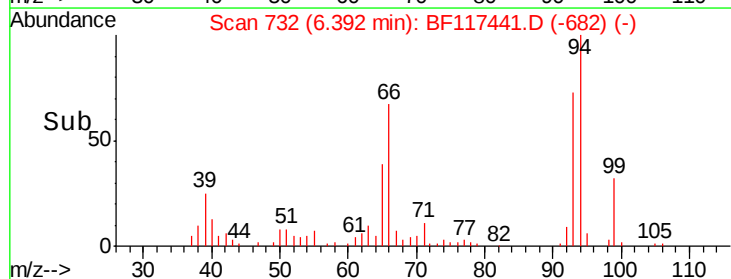
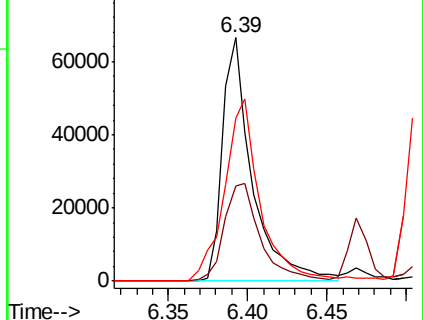
66 67.0 54.7 94.7

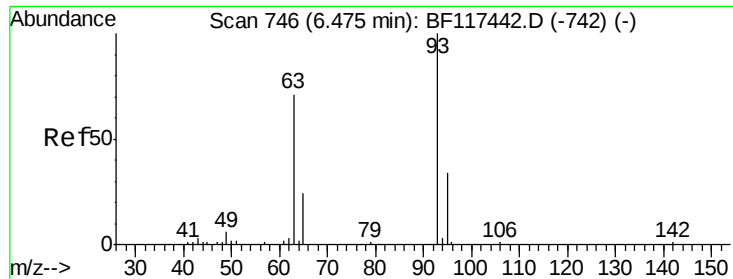


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 19.490 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

ClientSampleId :

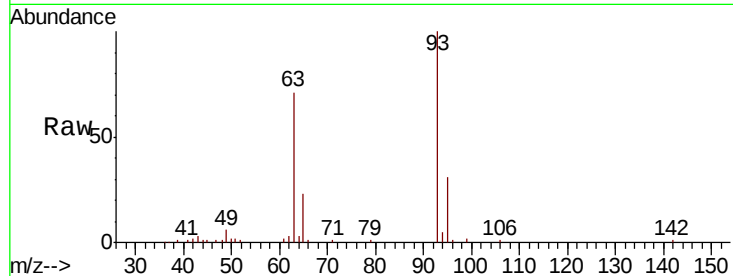
Tot Ion: 93 Resp: 62927

Ion Ratio Lower Upper

93 100

63 70.7 50.2 90.2

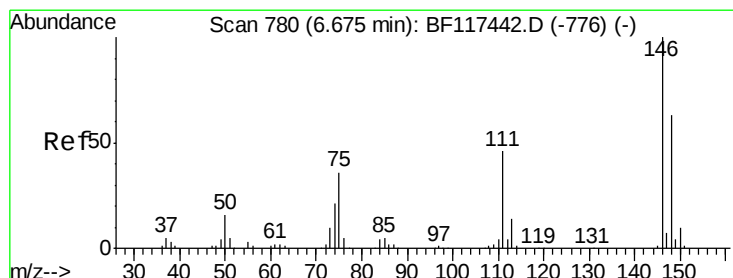
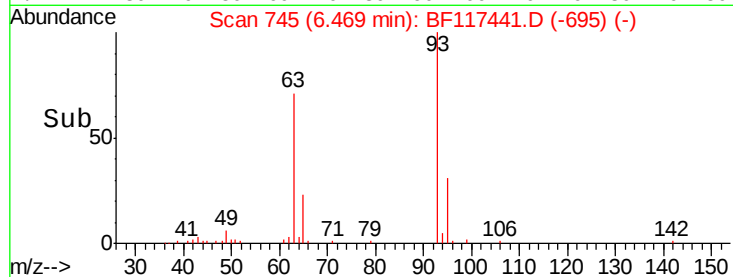
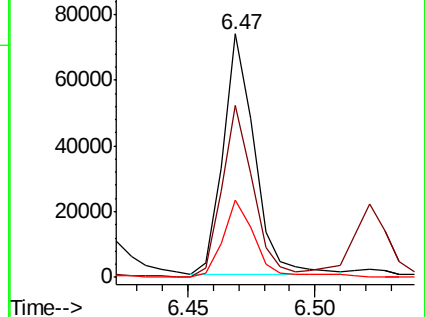
95 31.5 13.9 53.9



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 19.626 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

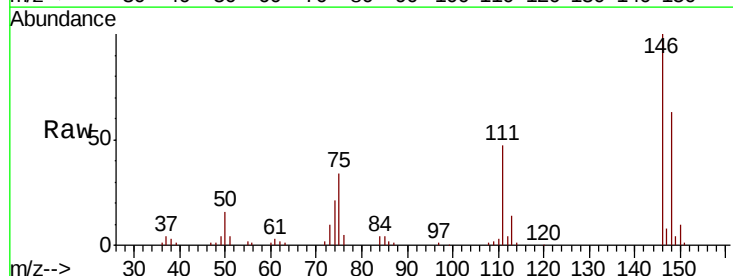
Tgt Ion: 146 Resp: 72340

Ion Ratio Lower Upper

146 100

148 63.3 50.6 75.8

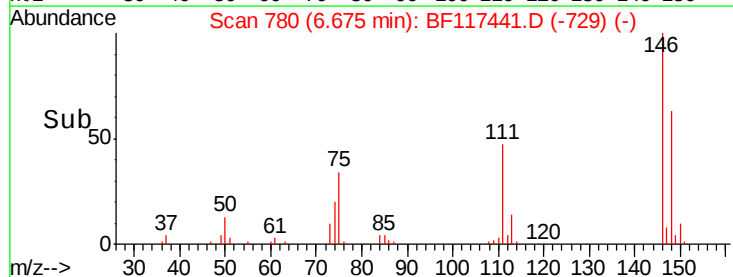
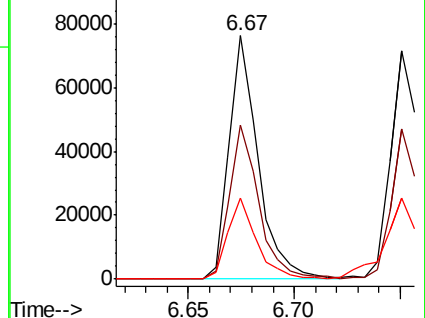
75 33.5 28.6 43.0

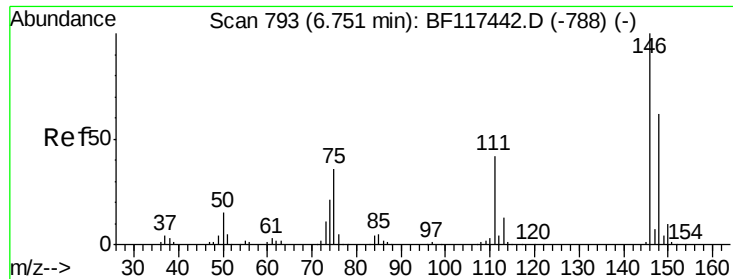


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

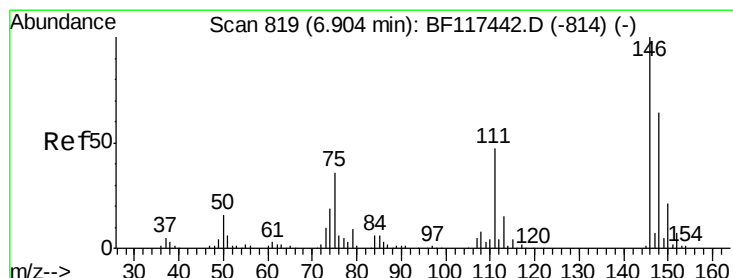
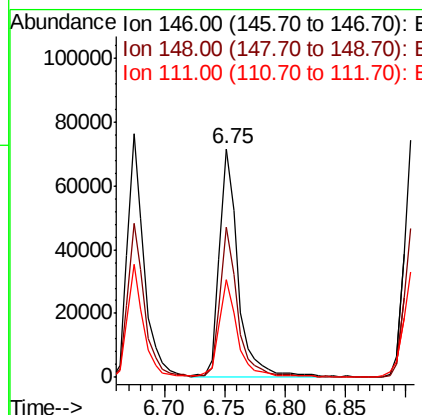
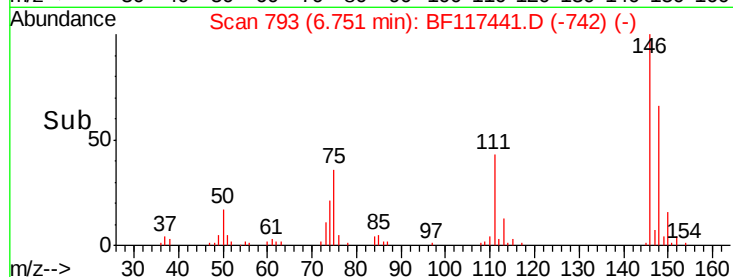
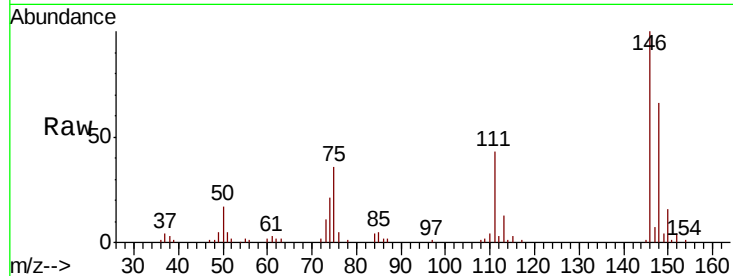




#13
 1,4-Dichlorobenzene
 Concen: 20.346 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

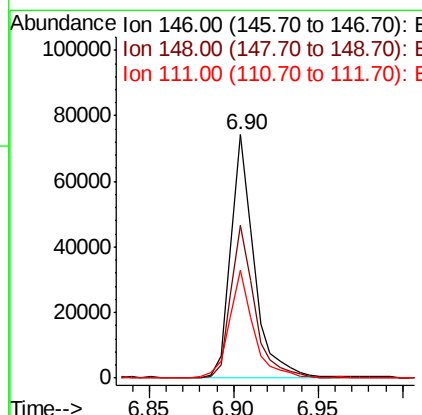
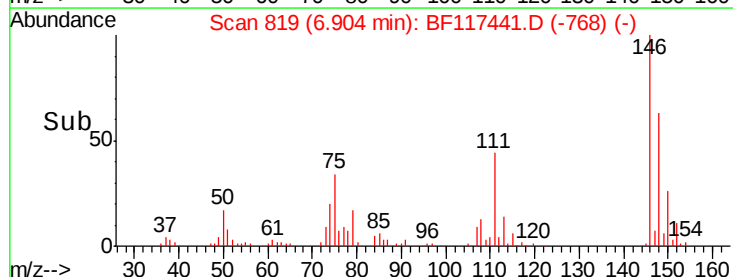
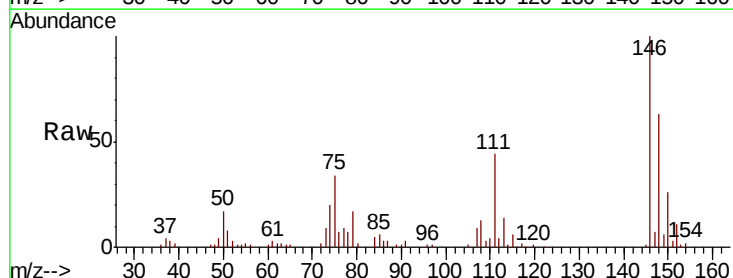
Instrument :
 BNA_F
 ClientSampled :

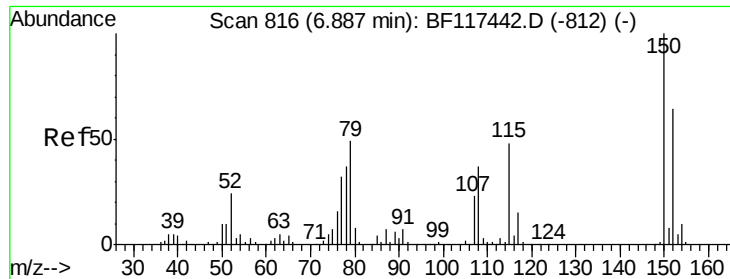
Tot Ion:146 Resp: 76446
 Ion Ratio Lower Upper
 146 100
 148 65.8 49.3 73.9
 111 42.6 33.6 50.4



#14
 1,2-Dichlorobenzene
 Concen: 20.102 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

Tgt Ion:146 Resp: 71343
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.4 77.0
 111 44.5 37.7 56.5

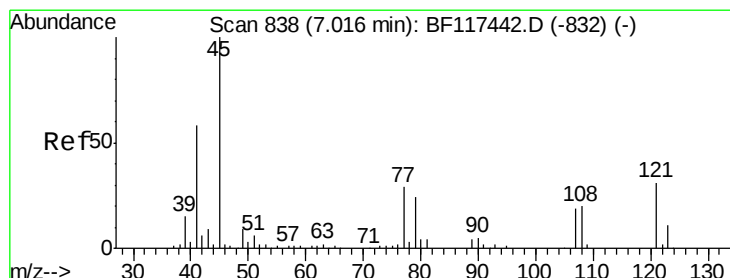
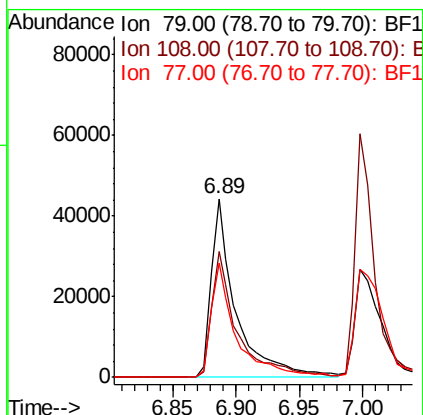
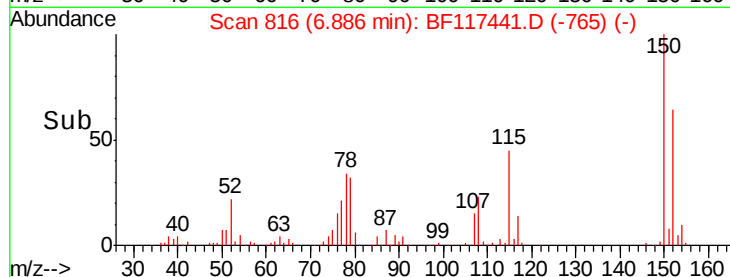
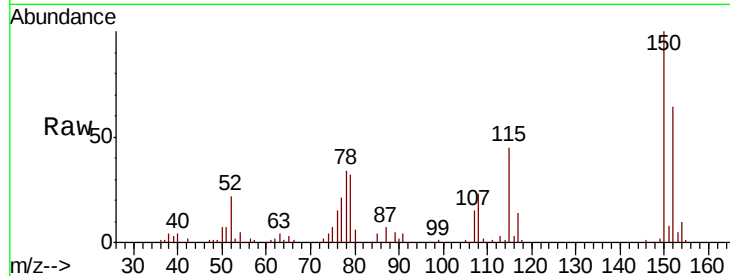




#15
Benzyl Alcohol
Concen: 20.176 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

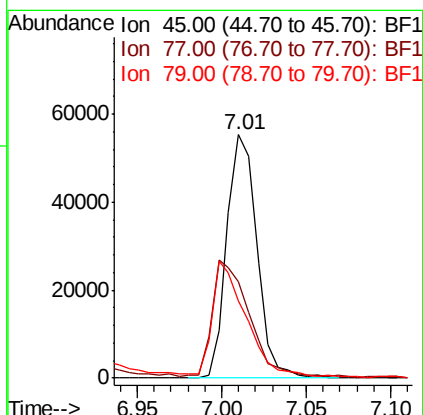
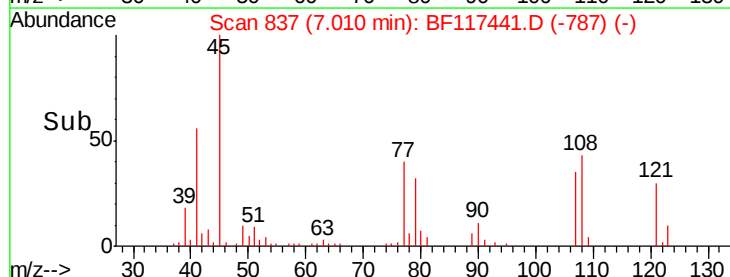
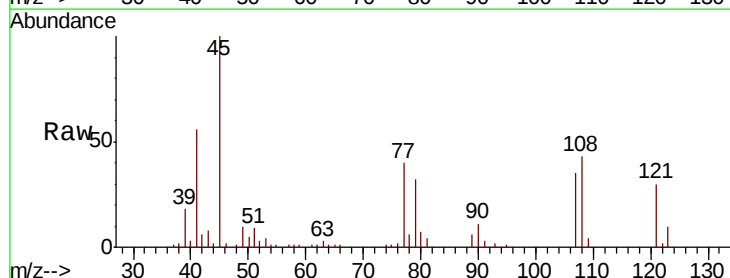
Instrument :
BNA_F
ClientSampleId :

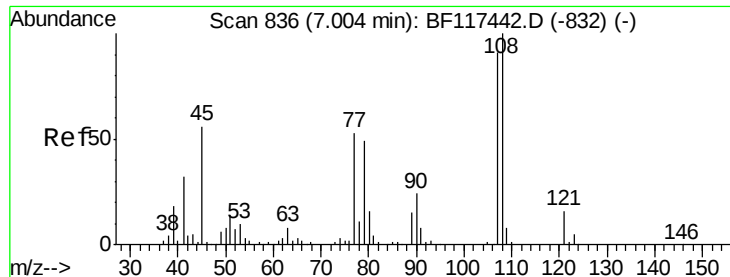
Tot Ion: 79 Resp: 60718
Ion Ratio Lower Upper
79 100
108 70.4 59.8 89.8
77 64.2 51.4 77.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 20.250 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion: 45 Resp: 68652
Ion Ratio Lower Upper
45 100
77 39.9 9.9 49.9
79 31.6 5.5 45.5





#17

2-Methylphenol

Concen: 19.561 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 53824

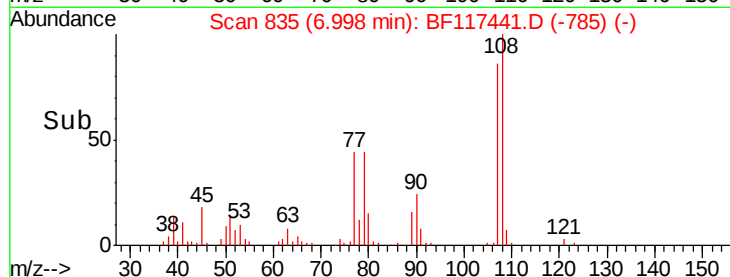
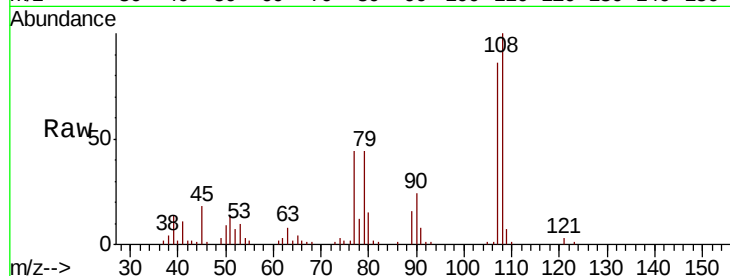
Ion Ratio Lower Upper

107 100

108 115.9 88.0 132.0

77 51.5 47.2 70.8

79 51.1 44.1 66.1

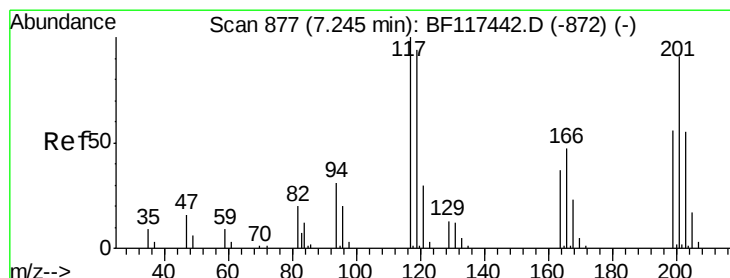
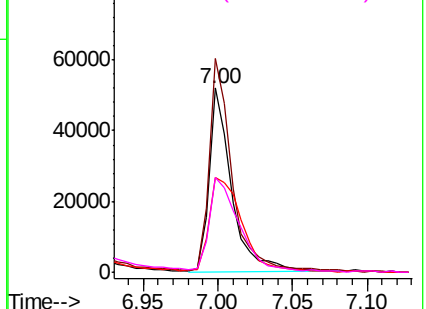


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 19.944 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

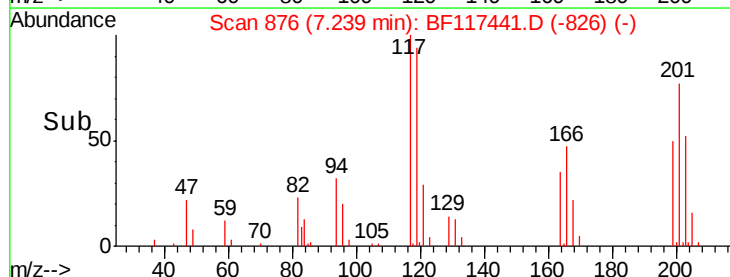
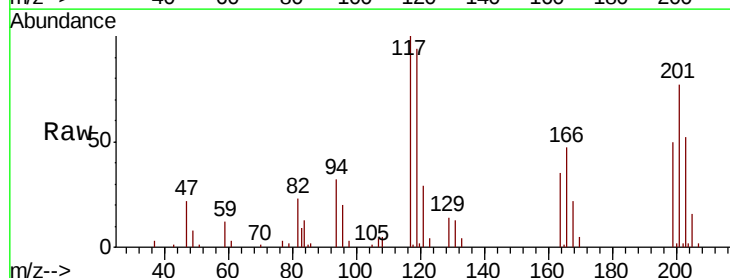
Tgt Ion:117 Resp: 29135

Ion Ratio Lower Upper

117 100

119 94.5 75.4 113.0

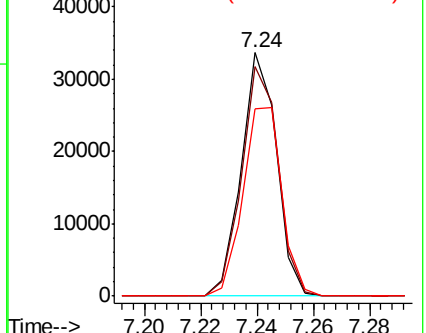
201 77.1 72.5 108.7

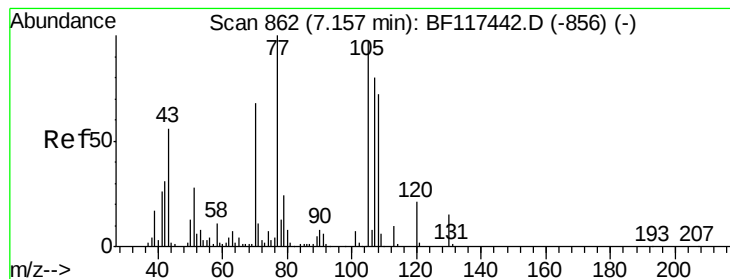


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 20.718 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 51961

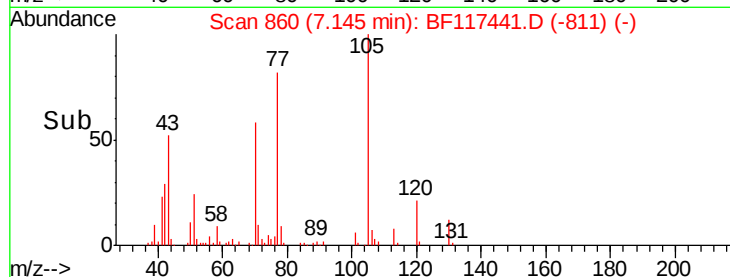
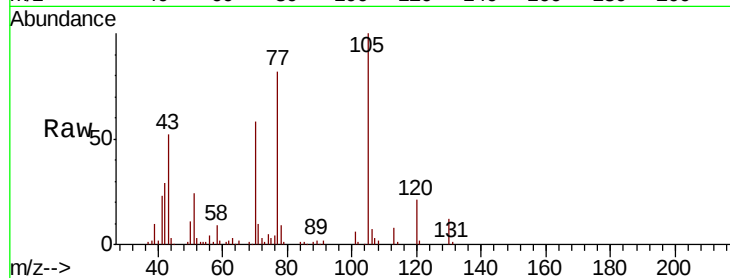
Ion Ratio Lower Upper

70 100

42 49.8 36.7 55.1

101 9.6 8.3 12.5

130 19.9 18.1 27.1

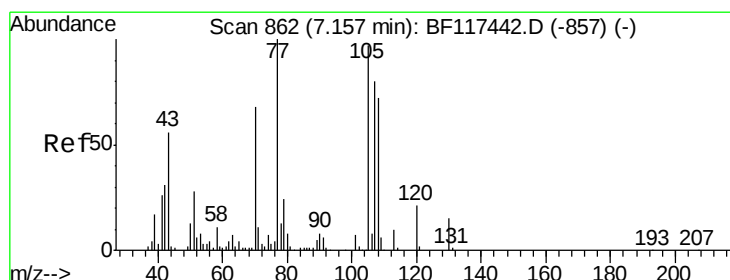
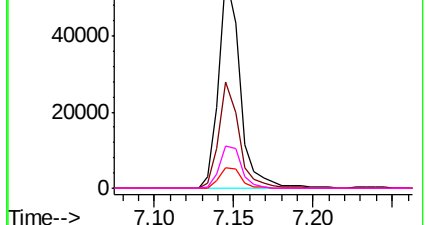


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 20.493 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Tgt Ion:107 Resp: 72607

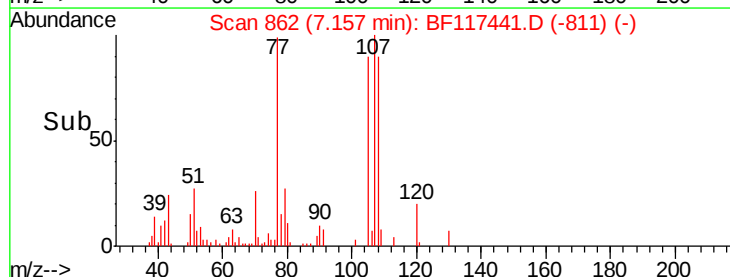
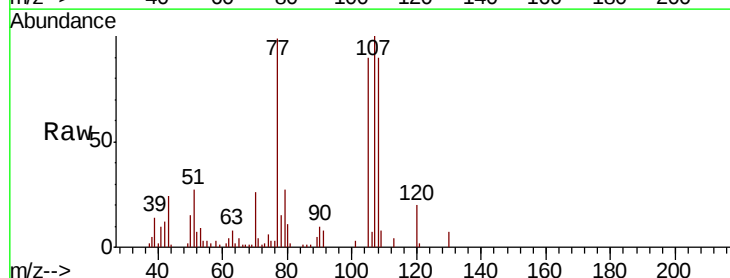
Ion Ratio Lower Upper

107 100

108 89.9 70.3 110.3

77 98.5 104.8 144.8#

79 27.4 10.0 50.0

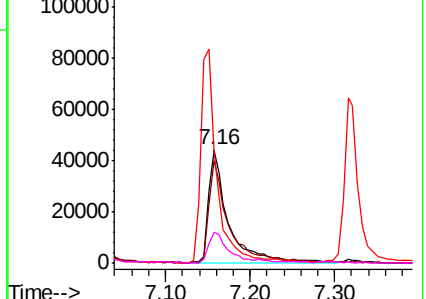


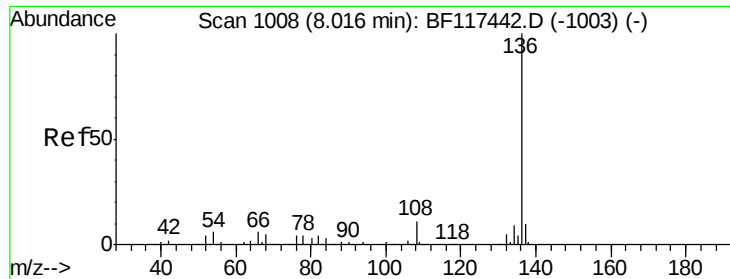
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 197235

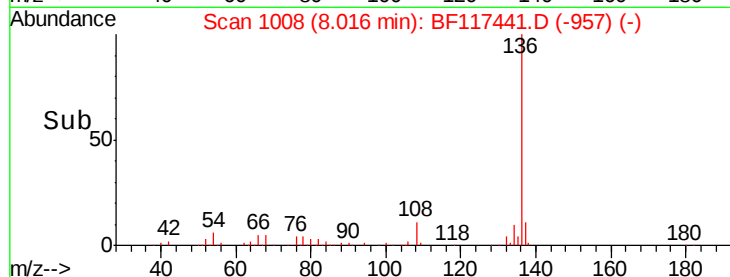
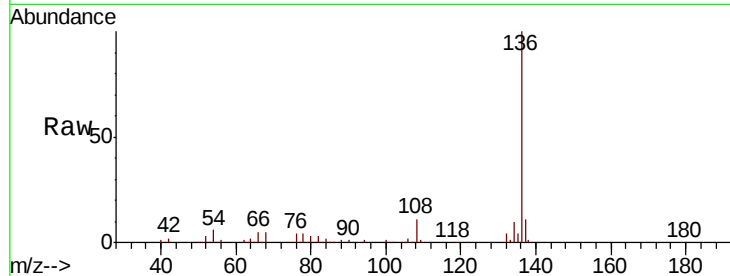
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

54 6.2 4.5 6.7

68 4.8 4.3 6.5

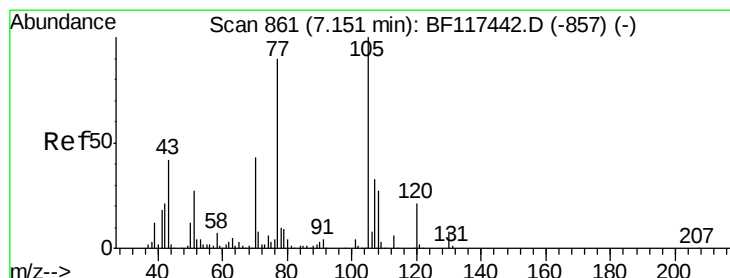
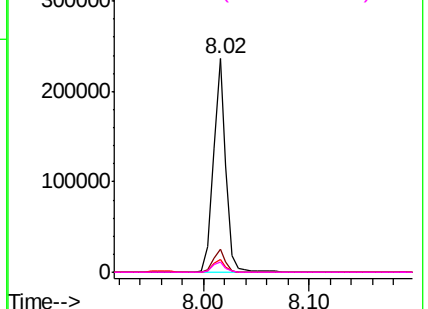


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 20.785 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Tgt Ion:105 Resp: 107576

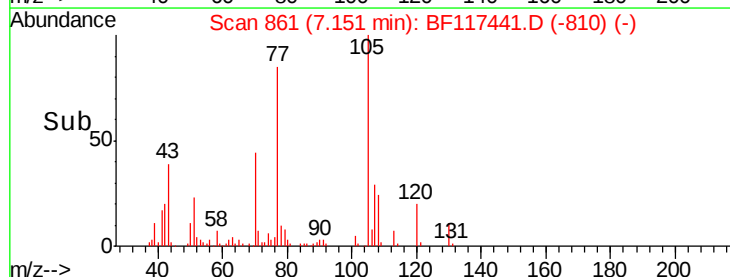
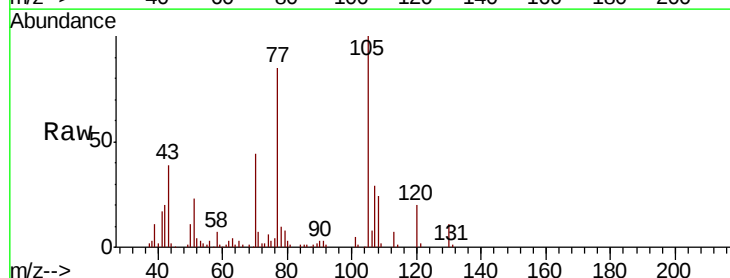
Ion Ratio Lower Upper

105 100

71 7.4 6.2 9.2

51 22.5 21.8 32.6

120 19.9 16.7 25.1

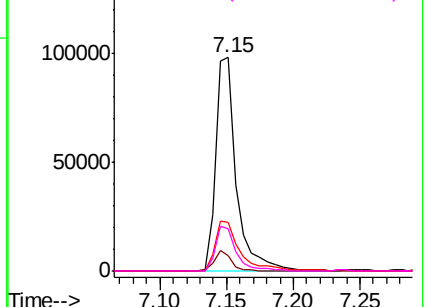


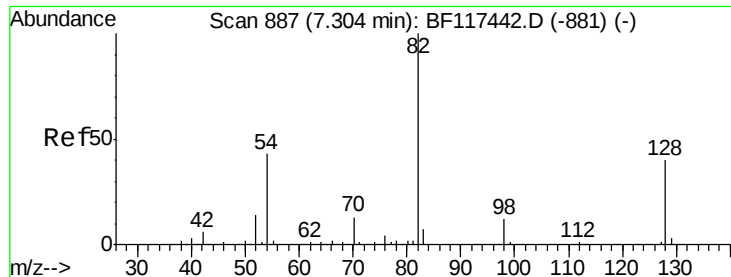
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

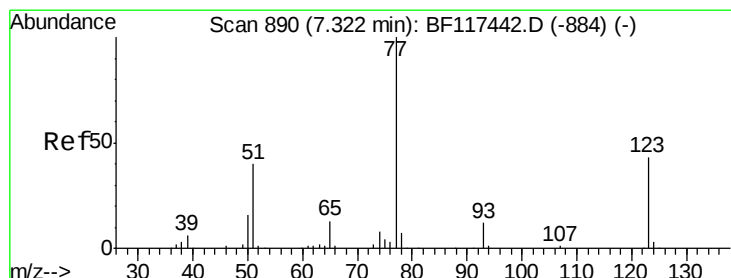
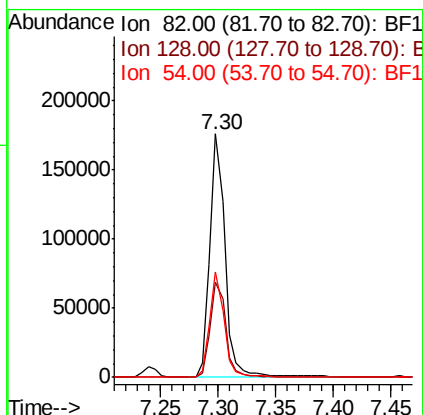
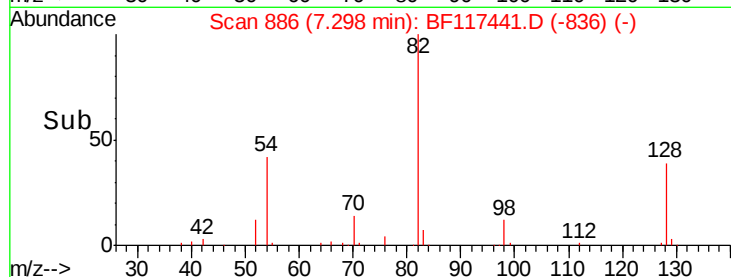
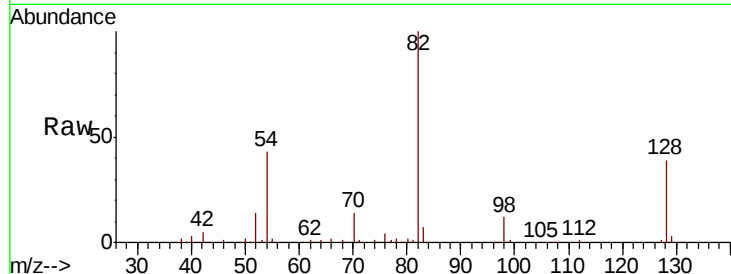




#23
 Nitrobenzene-d5
 Concen: 41.599 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

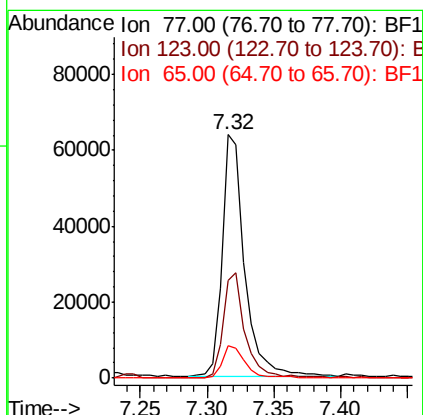
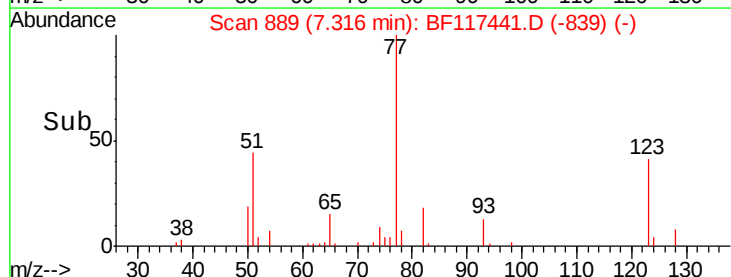
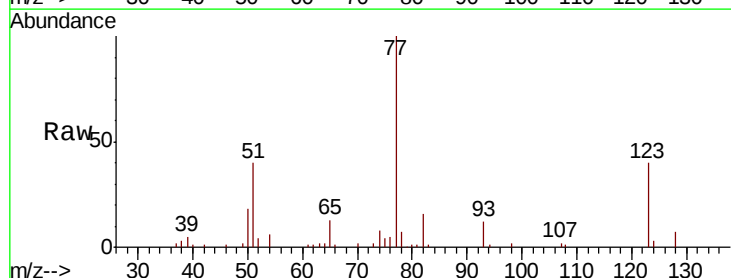
Instrument :
 BNA_F
 ClientSampled :

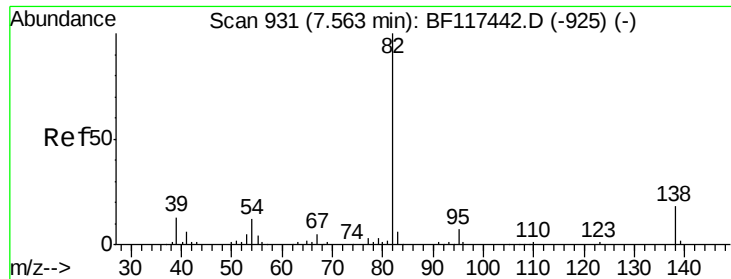
Tot Ion: 82 Resp: 161861
 Ion Ratio Lower Upper
 82 100
 128 39.2 32.2 48.2
 54 43.2 34.2 51.2



#24
 Nitrobenzene
 Concen: 19.460 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

Tgt Ion: 77 Resp: 75848
 Ion Ratio Lower Upper
 77 100
 123 40.2 34.2 51.2
 65 13.1 10.3 15.5





#25

Isophorone

Concen: 20.091 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

ClientSampleId :

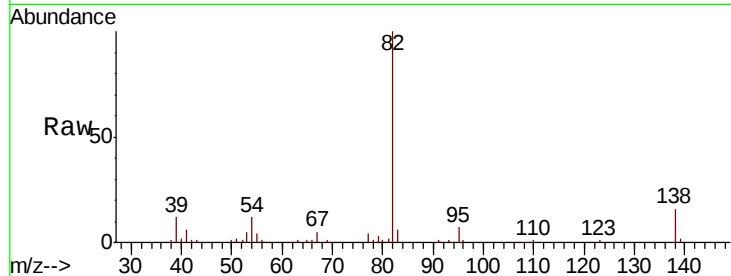
Tot Ion: 82 Resp: 139253

Ion Ratio Lower Upper

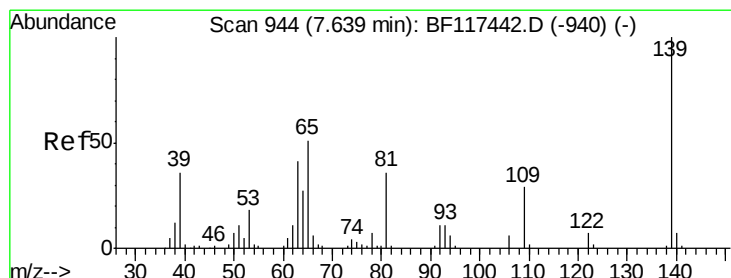
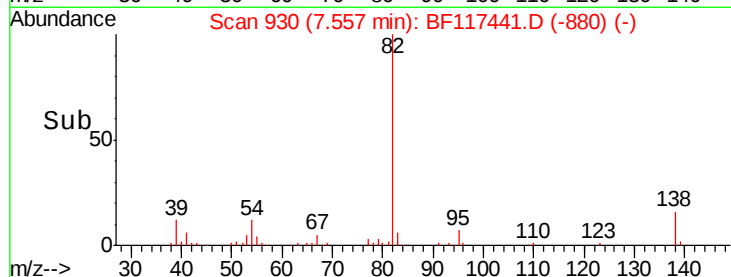
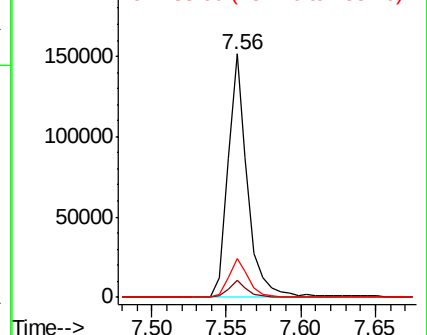
82 100

95 7.0 5.4 8.0

138 16.1 14.2 21.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 19.715 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

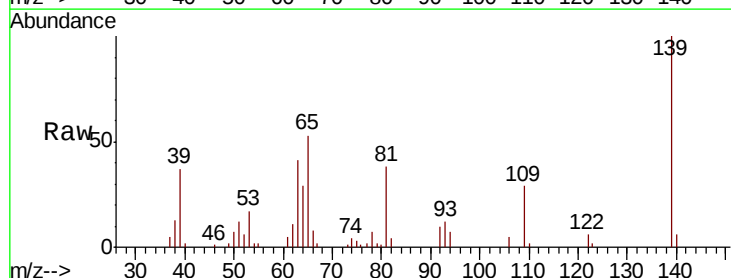
Tgt Ion: 139 Resp: 34094

Ion Ratio Lower Upper

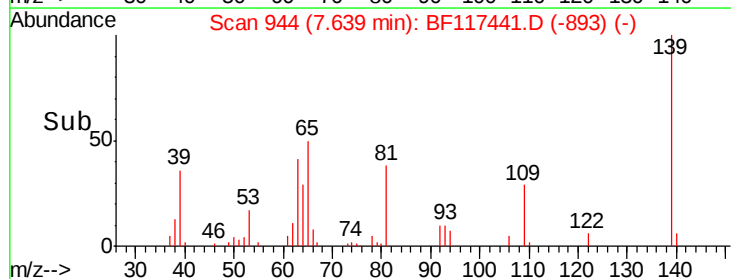
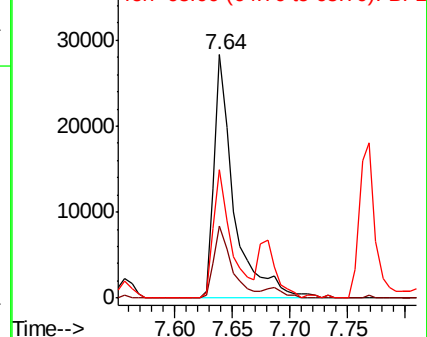
139 100

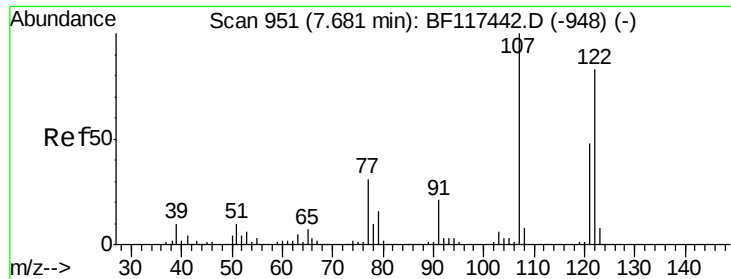
109 29.4 23.2 34.8

65 52.6 41.1 61.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

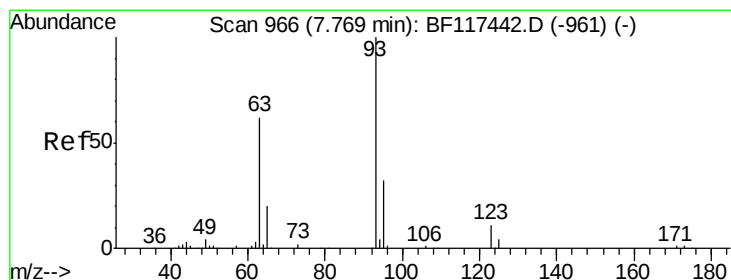
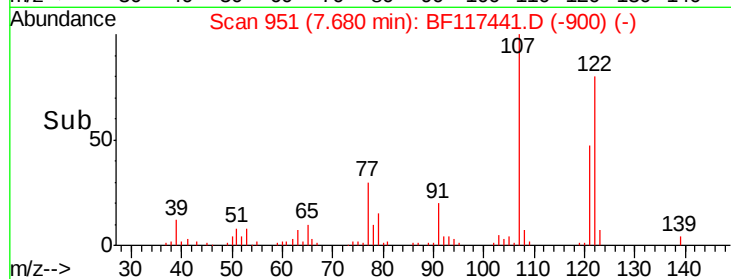
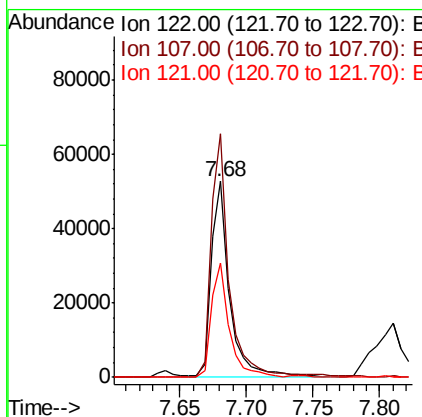
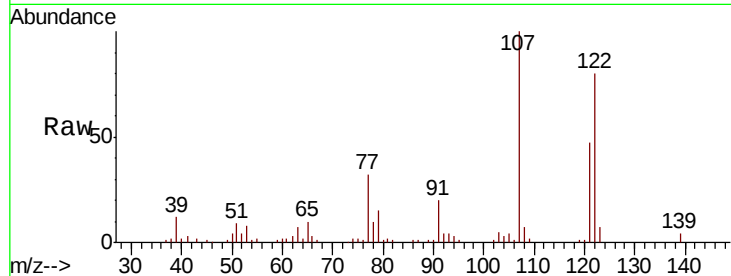




#27
 2,4-Dimethylphenol
 Concen: 19.539 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

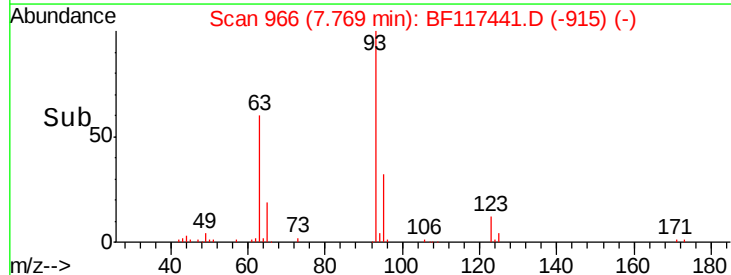
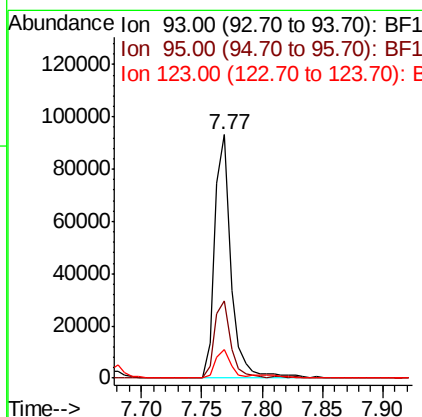
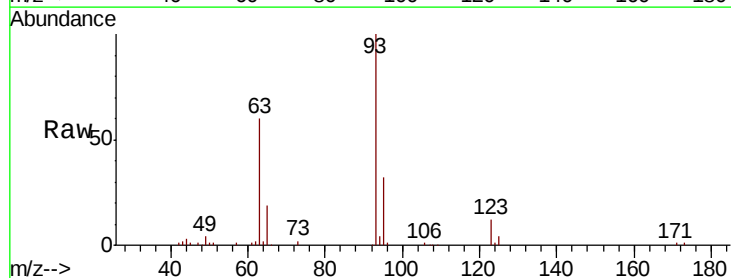
Instrument :
 BNA_F
 ClientSampleId :

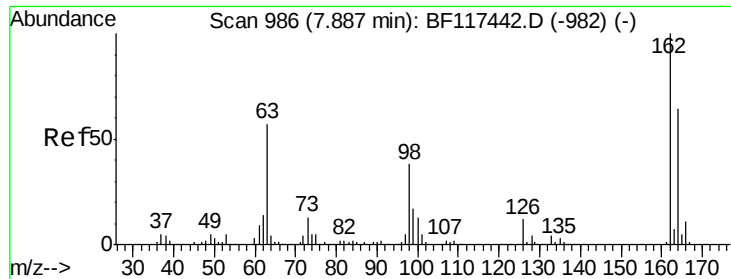
Tot Ion:122 Resp: 51354
 Ion Ratio Lower Upper
 122 100
 107 124.3 96.8 145.2
 121 58.6 46.4 69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 20.114 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

Tgt Ion: 93 Resp: 86427
 Ion Ratio Lower Upper
 93 100
 95 31.7 25.5 38.3
 123 11.5 9.0 13.6

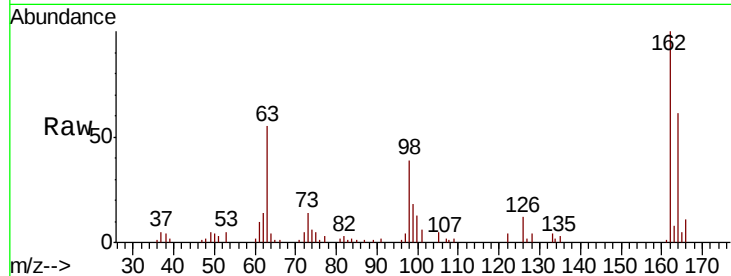




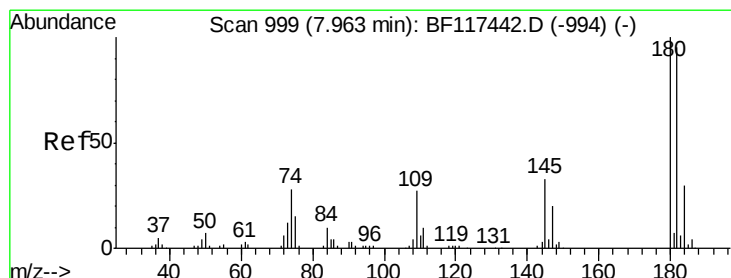
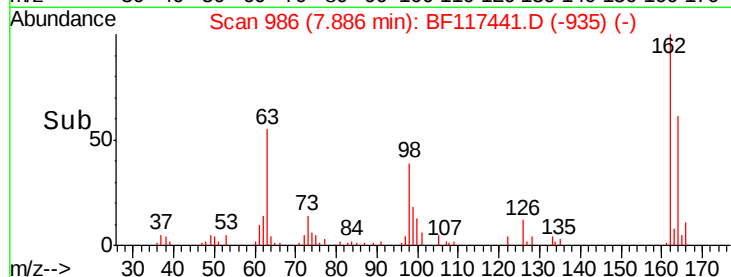
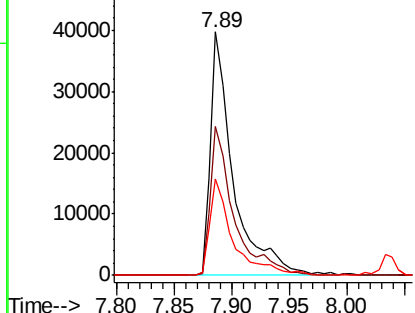
#29
2,4-Dichlorophenol
Concen: 20.155 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.2	44.4	84.4
98	39.5	18.2	58.2

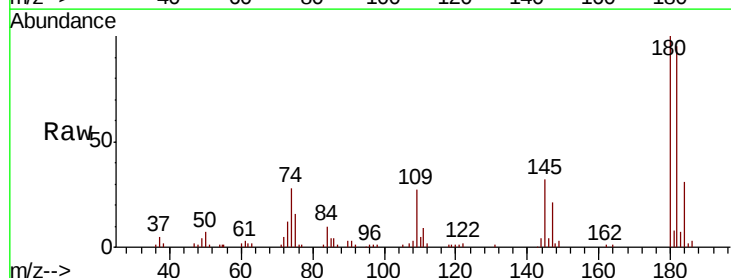


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

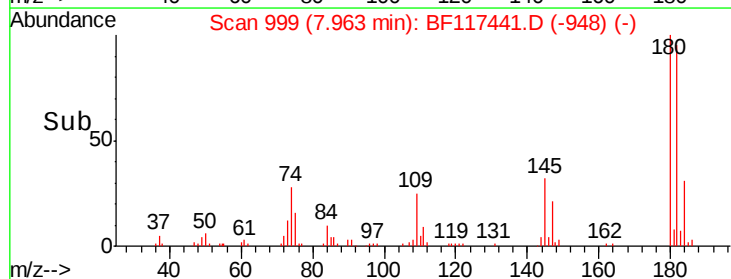
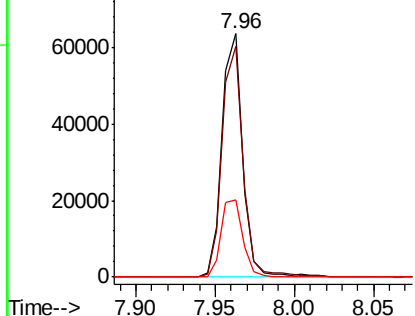


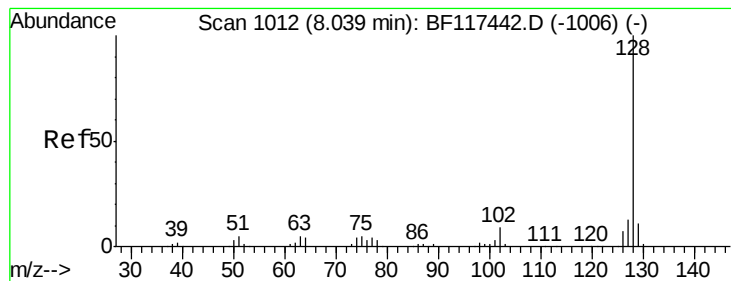
#30
1,2,4-Trichlorobenzene
Concen: 19.674 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.8	113.8
145	31.8	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 20.396 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

ClientSampled :

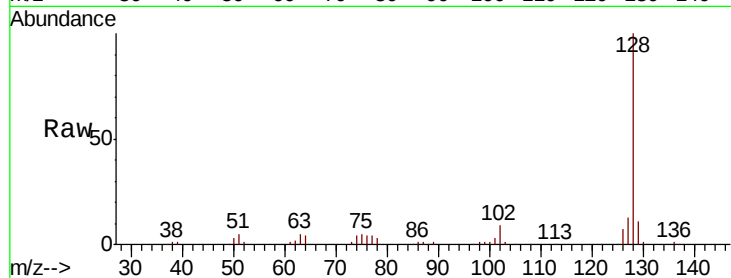
Tot Ion:128 Resp: 200903

Ion Ratio Lower Upper

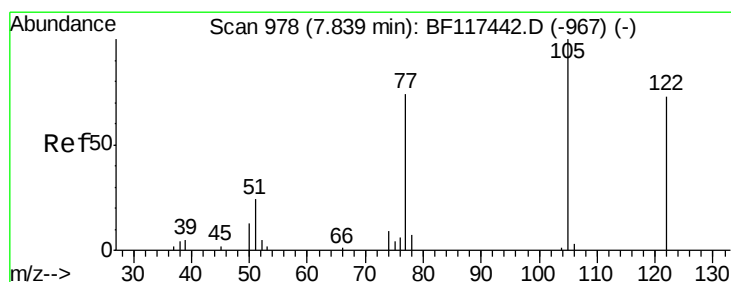
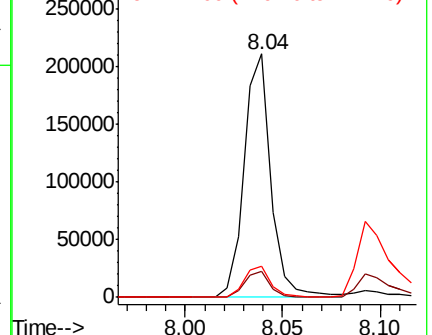
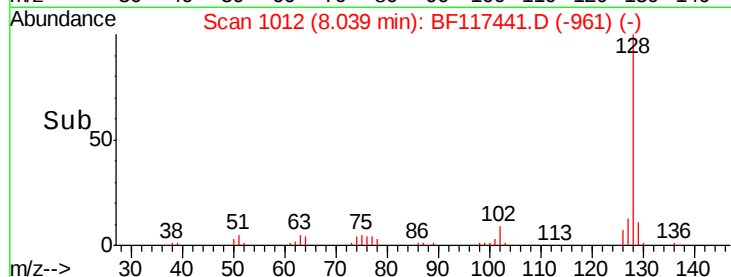
128 100

129 10.7 9.0 13.4

127 12.6 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 19.533 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.03 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

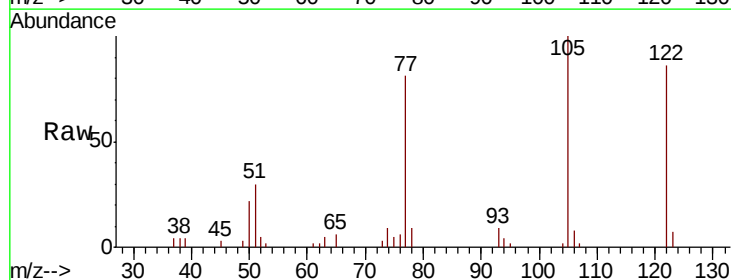
Tgt Ion:122 Resp: 31968

Ion Ratio Lower Upper

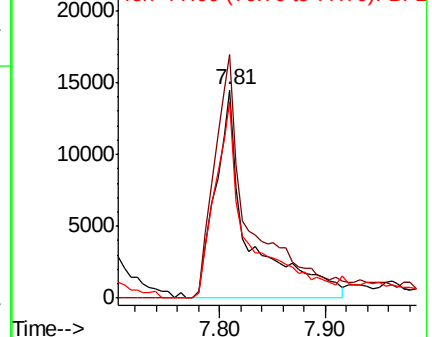
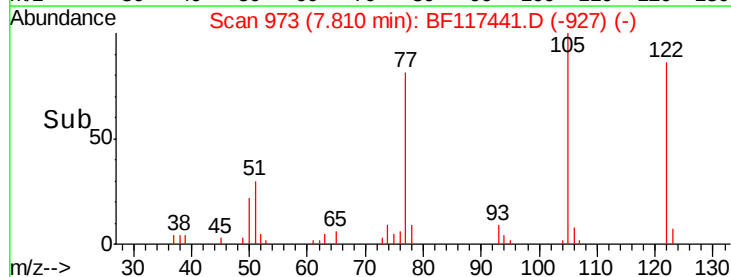
122 100

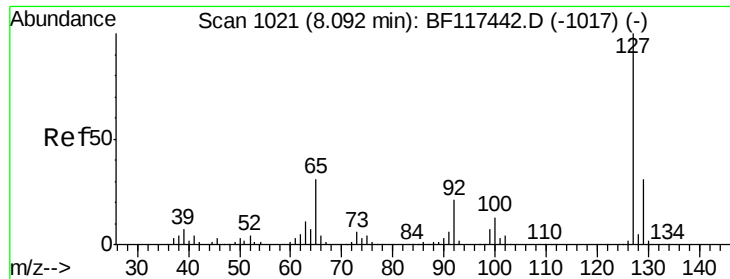
105 116.9 115.0 155.0

77 94.4 79.7 119.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

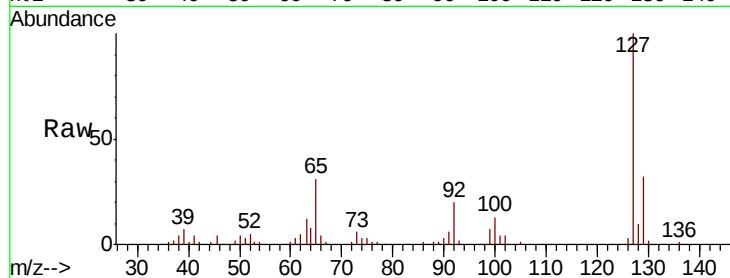




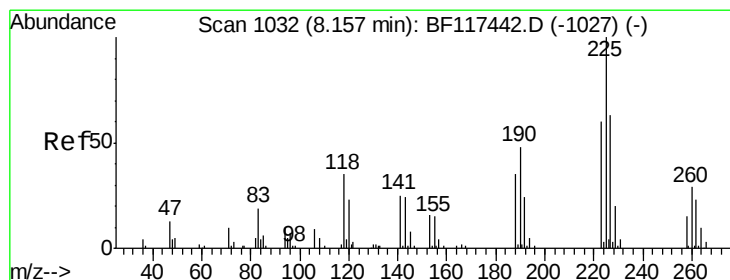
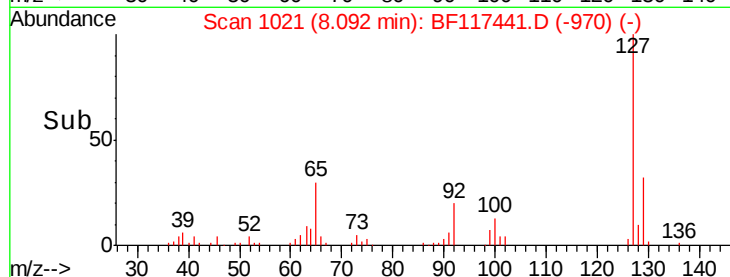
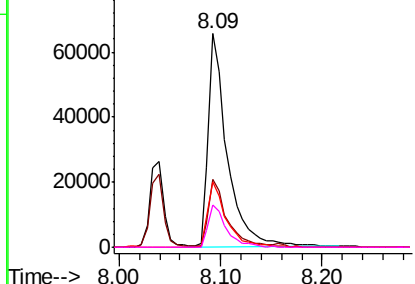
#33
4-Chloroaniline
Concen: 20.247 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	84696
Ion Ratio	Lower	Upper
127	100	
129	31.6	24.8 37.2
65	30.8	24.6 37.0
92	19.5	16.5 24.7

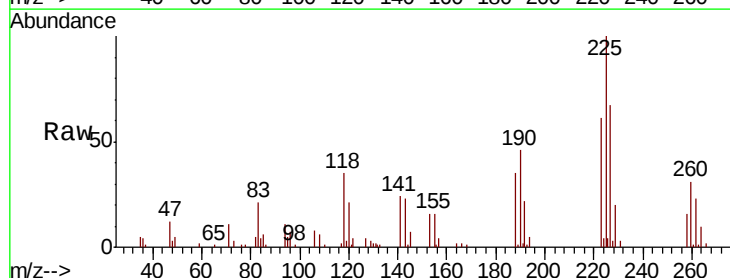


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

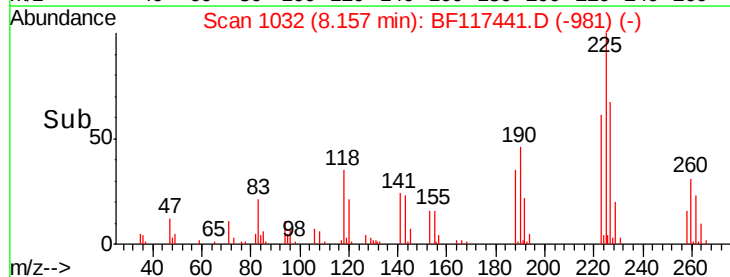
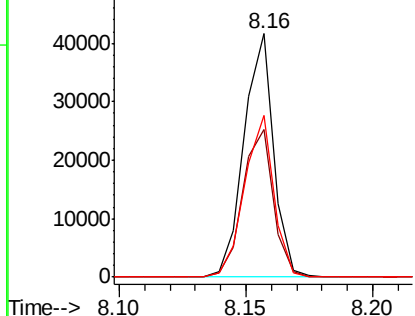


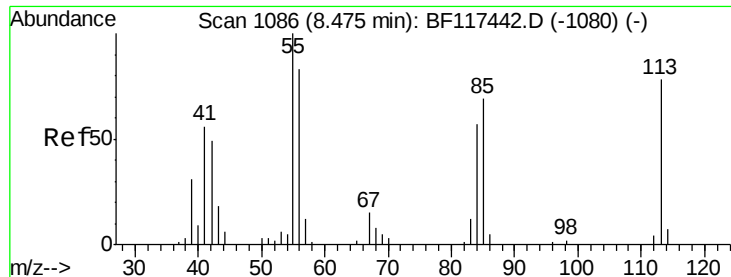
#34
Hexachlorobutadiene
Concen: 20.136 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion:225	Resp:	33714
Ion Ratio	Lower	Upper
225	100	
223	60.7	48.2 72.4
227	66.7	50.2 75.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

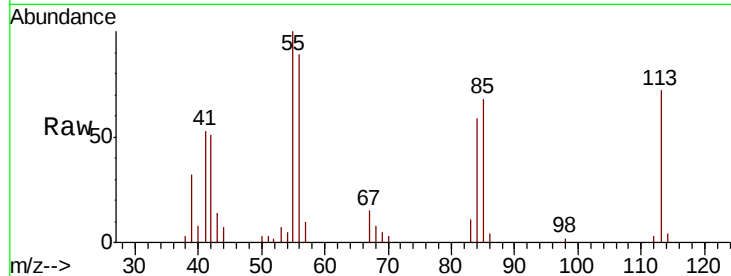




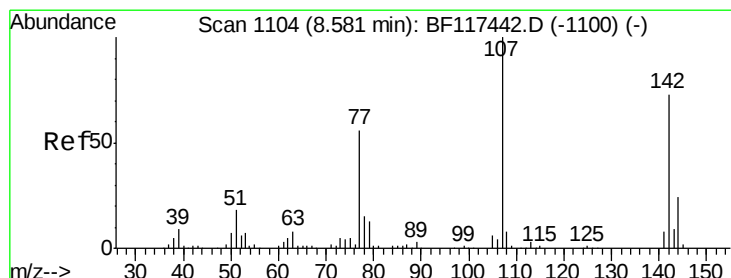
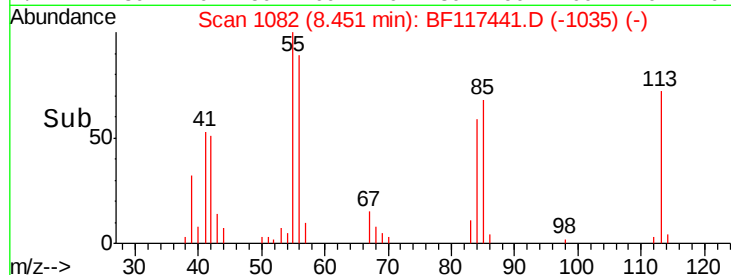
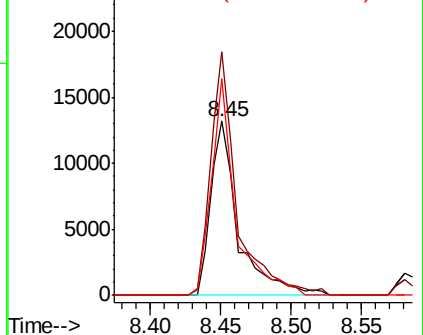
#35
 Caprolactam
 Concen: 20.967 ng
 RT: 8.45 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 17806
 Ion Ratio Lower Upper
 113 100
 55 139.6 108.8 148.8
 56 124.6 87.2 127.2

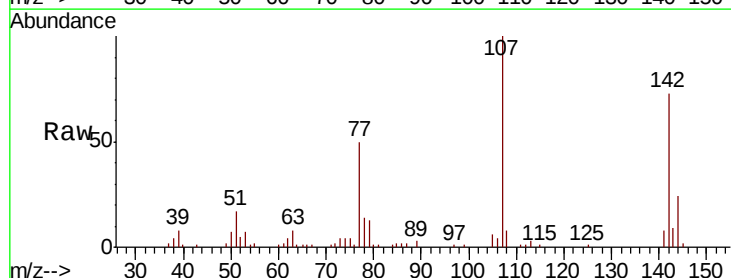


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

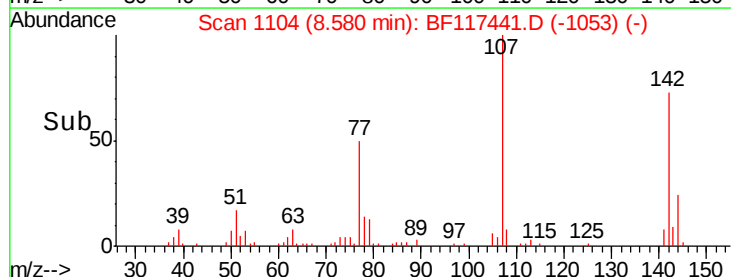
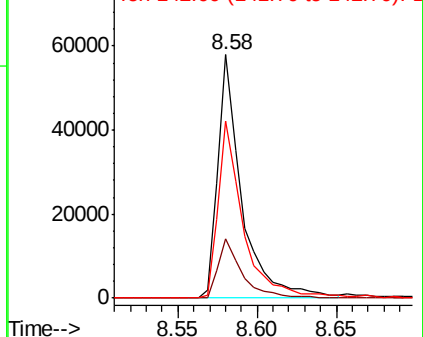


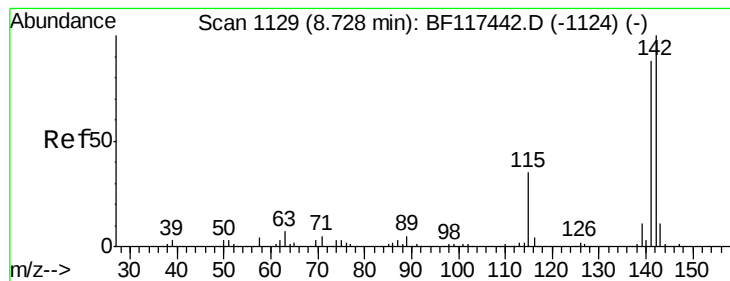
#36
 4-Chloro-3-methylphenol
 Concen: 19.670 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

Tgt Ion:107 Resp: 60698
 Ion Ratio Lower Upper
 107 100
 144 24.3 18.9 28.3
 142 72.6 58.6 88.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 20.308 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

ClientSampleId :

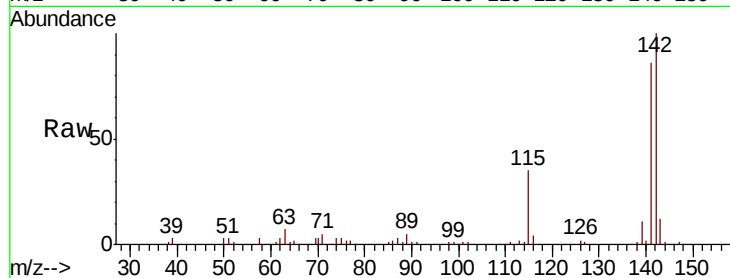
Tot Ion:142 Resp: 135076

Ion Ratio Lower Upper

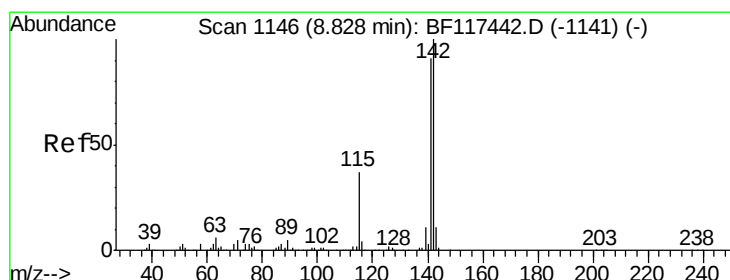
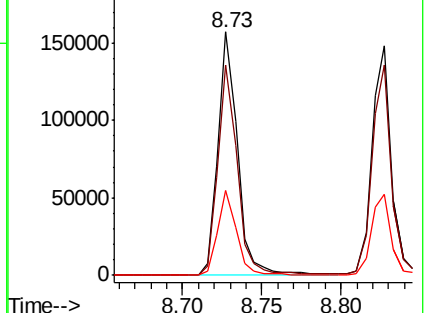
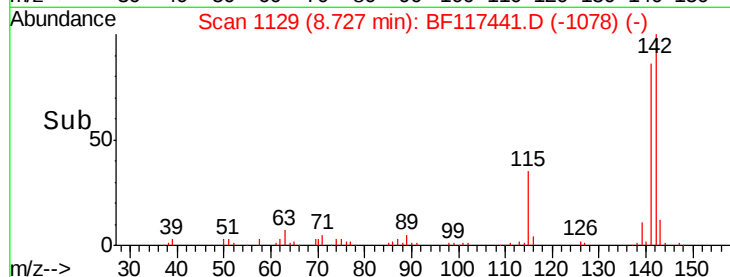
142 100

141 86.3 70.3 105.5

115 35.1 28.2 42.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 20.314 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

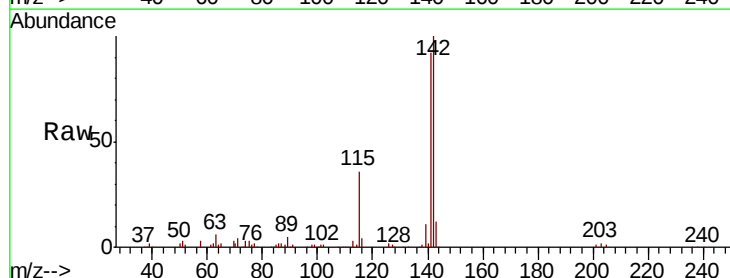
Tgt Ion:142 Resp: 127306

Ion Ratio Lower Upper

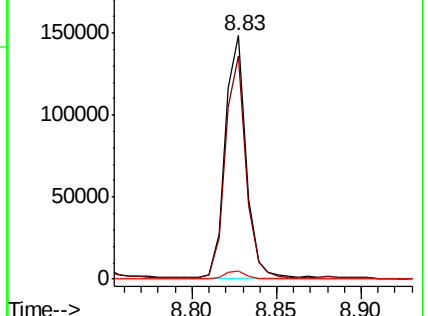
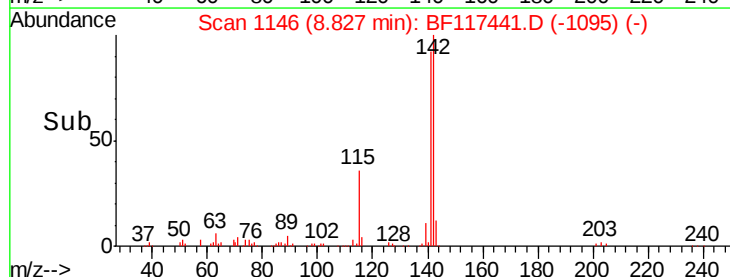
142 100

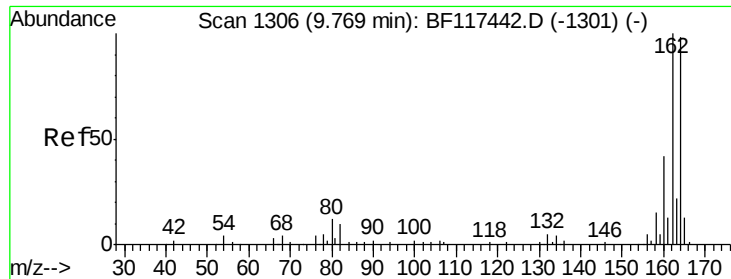
141 91.7 73.3 109.9

116 3.6 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

ClientSampleId :

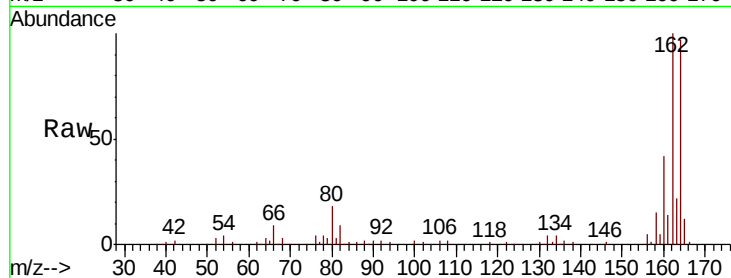
Tot Ion:164 Resp: 102649

Ion Ratio Lower Upper

164 100

162 102.8 81.8 122.6

160 43.3 34.4 51.6

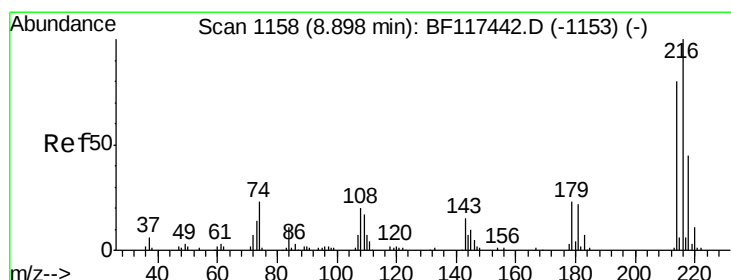
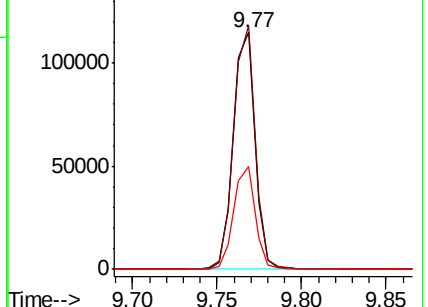
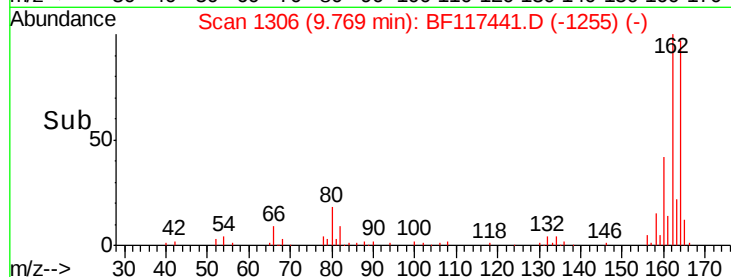


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.512 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Tgt Ion:216 Resp: 56668

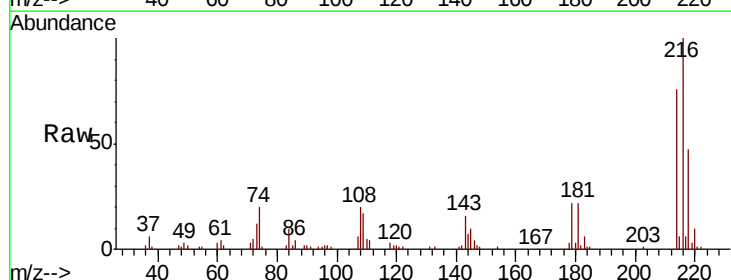
Ion Ratio Lower Upper

216 100

214 78.9 62.4 93.6

179 23.2 18.1 27.1

108 21.4 16.6 24.8



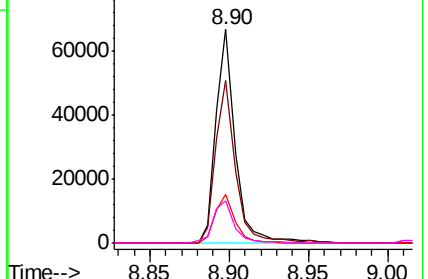
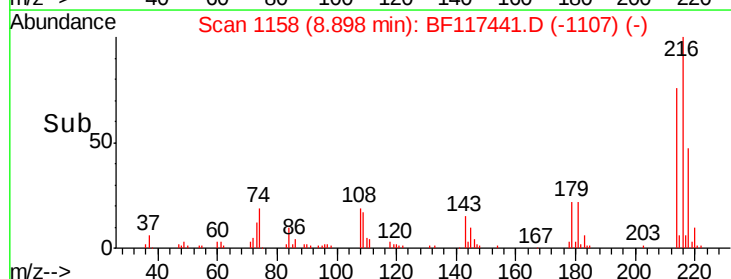
Abundance

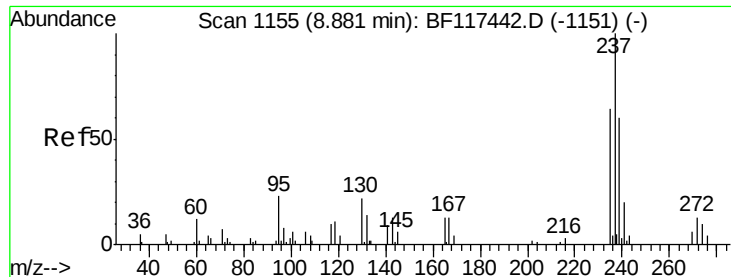
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 9.138 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

ClientSampleId :

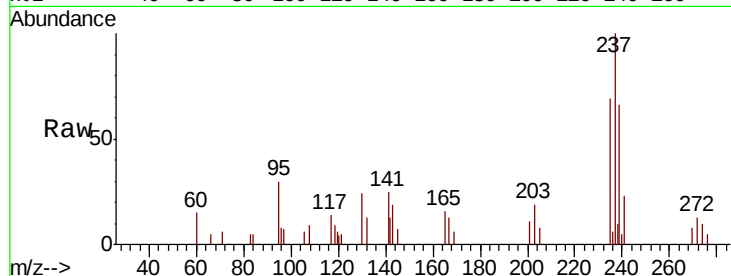
Tot Ion:237 Resp: 4714

Ion Ratio Lower Upper

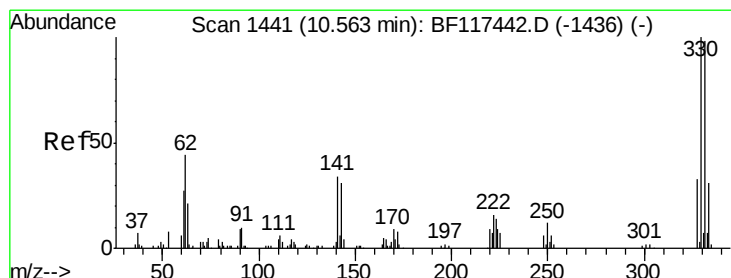
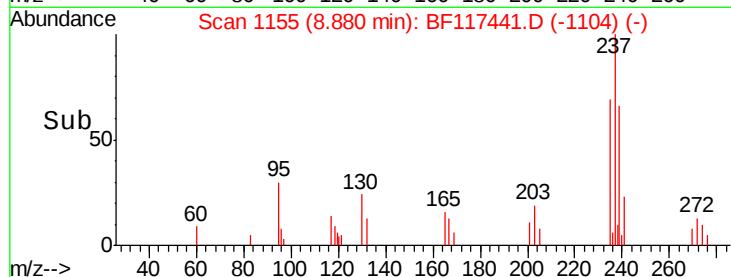
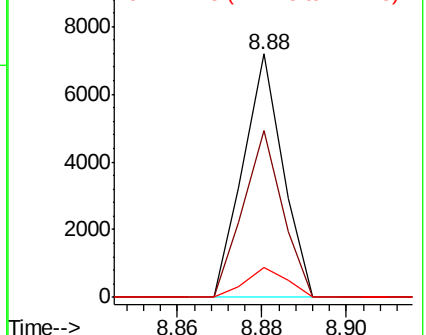
237 100

235 68.7 44.3 84.3

272 12.5 0.0 33.2



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 44.094 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

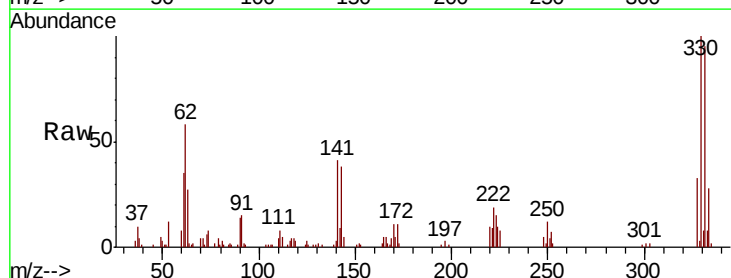
Tgt Ion:330 Resp: 36837

Ion Ratio Lower Upper

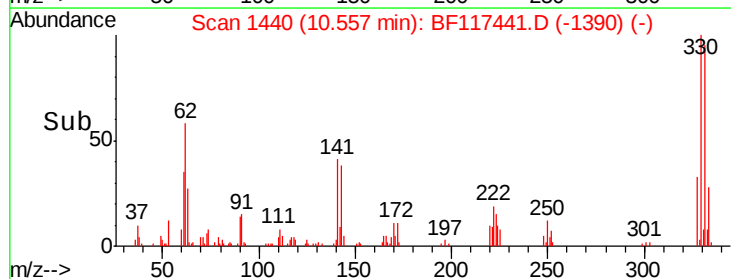
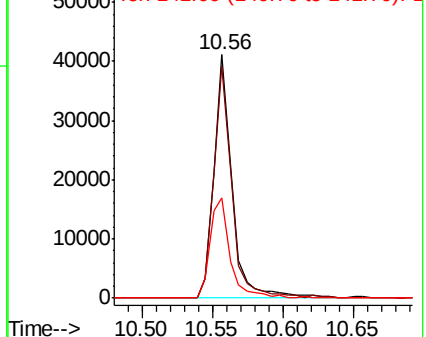
330 100

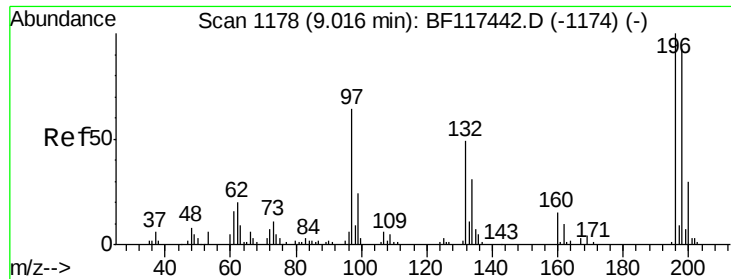
332 94.3 78.5 117.7

141 45.1 37.0 55.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

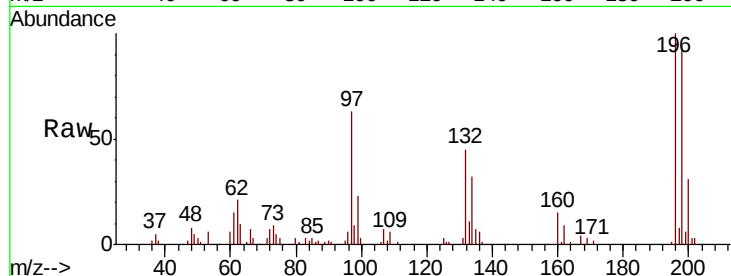




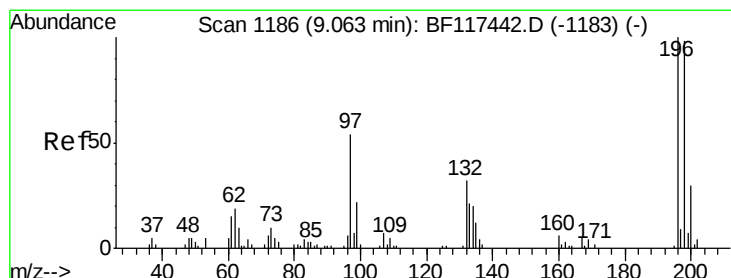
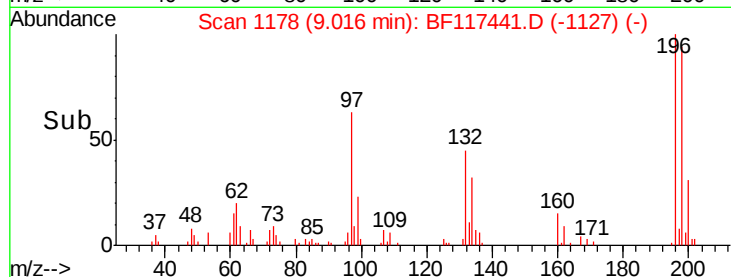
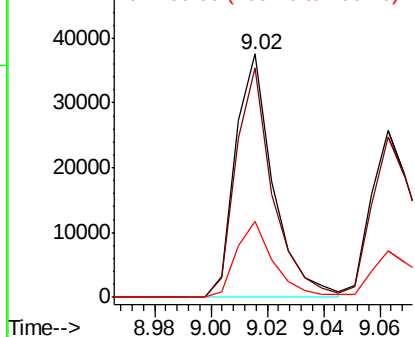
#43
 2,4,6-Trichlorophenol
 Concen: 19.917 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.5	74.1	111.1
200	31.4	23.9	35.9



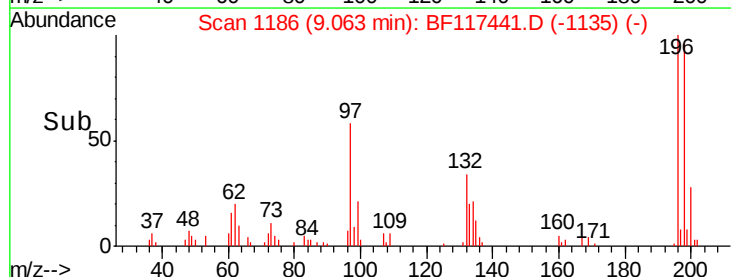
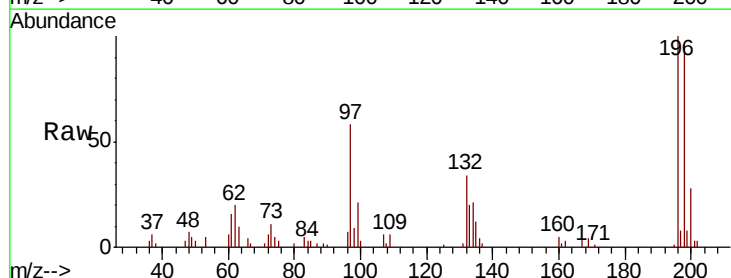
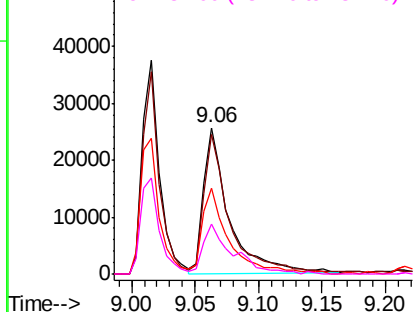
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

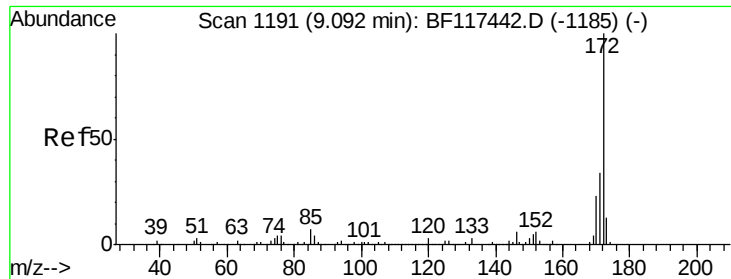


#44
 2,4,5-Trichlorophenol
 Concen: 20.084 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	78.6	117.8
97	58.4	43.4	65.2
132	33.9	26.0	39.0

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

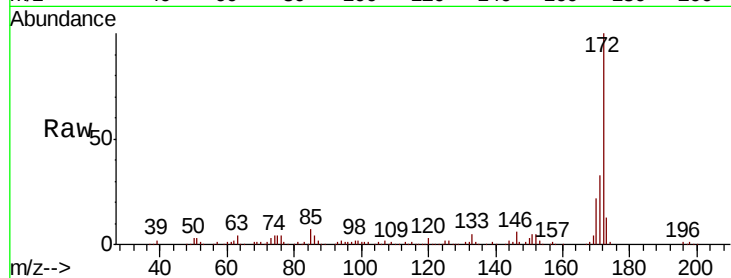




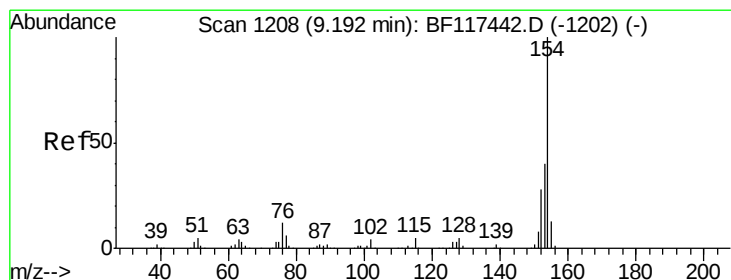
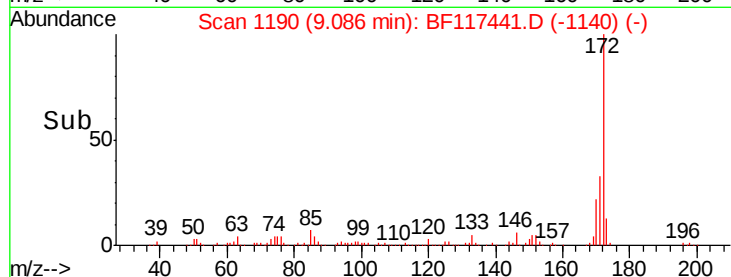
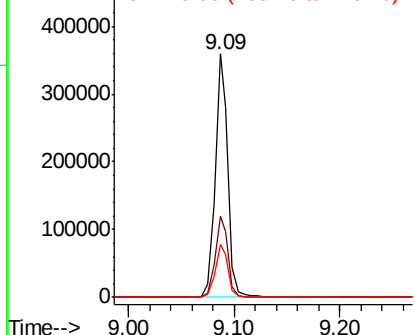
#45
2-Fluorobiphenyl
Concen: 43.478 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 306125
Ion Ratio Lower Upper
172 100
171 33.1 27.5 41.3
170 21.8 18.6 27.8

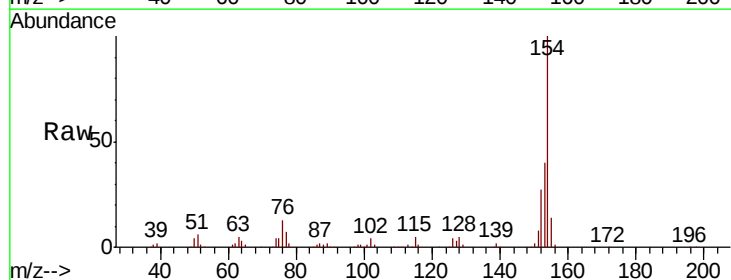


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

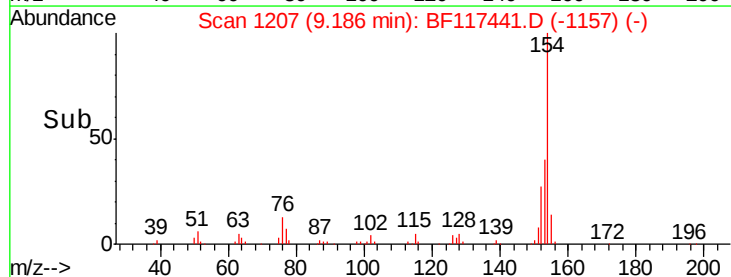
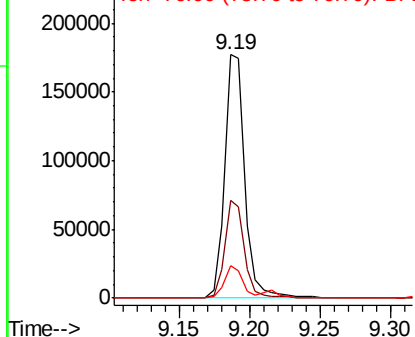


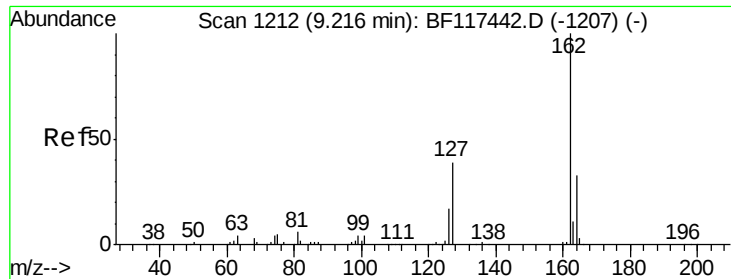
#46
1,1'-Biphenyl
Concen: 20.897 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion:154 Resp: 175242
Ion Ratio Lower Upper
154 100
153 40.0 20.2 60.2
76 13.3 0.0 32.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

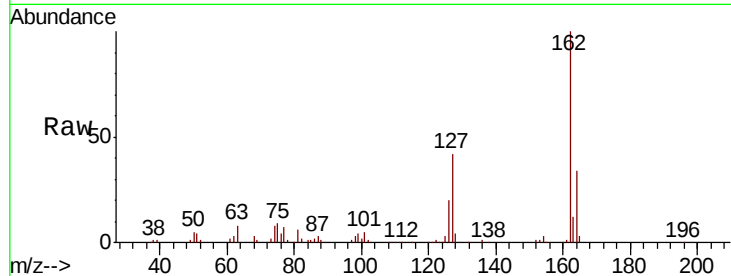




#47
 2-Chloronaphthalene
 Concen: 19.842 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	34.2	51.4
164	34.0	26.4	39.6

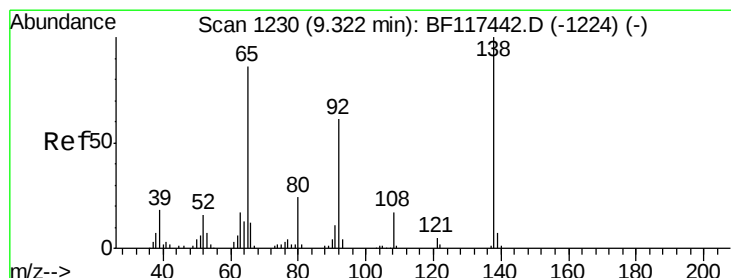
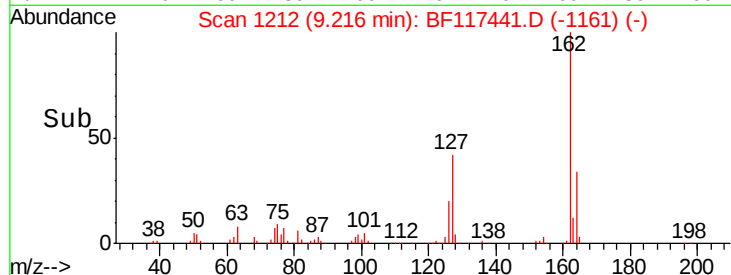
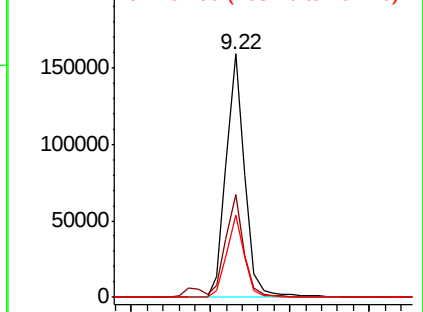


Abundance

Ion 162.00 (161.70 to 162.70): E

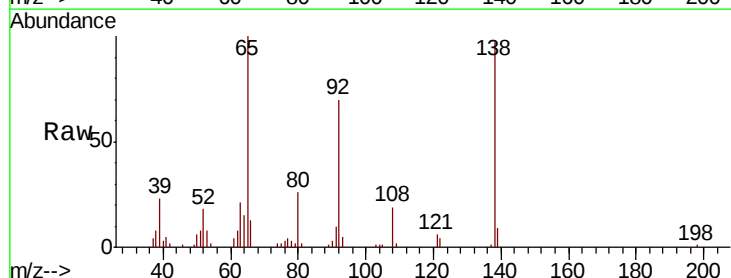
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 19.924 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.1	57.3	85.9
138	97.3	93.3	139.9

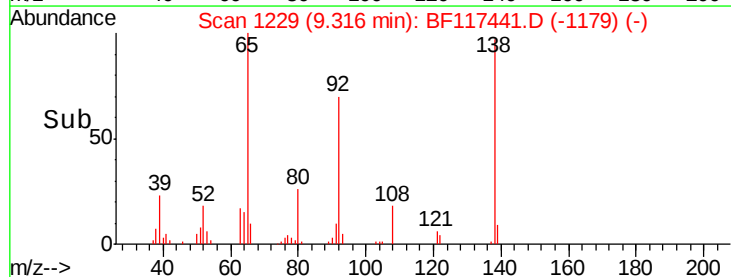
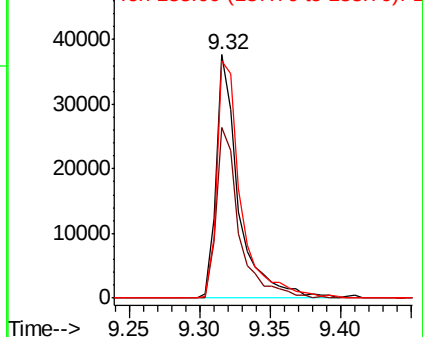


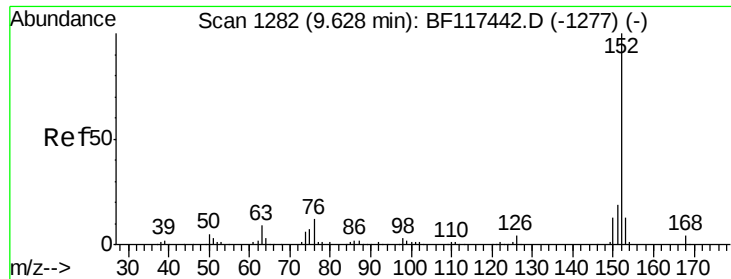
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 20.040 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

ClientSampleId :

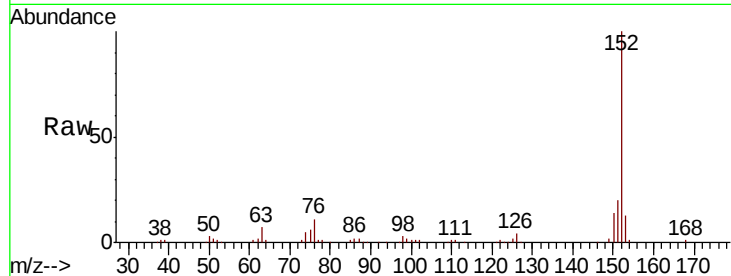
Tot Ion:152 Resp: 192051

Ion Ratio Lower Upper

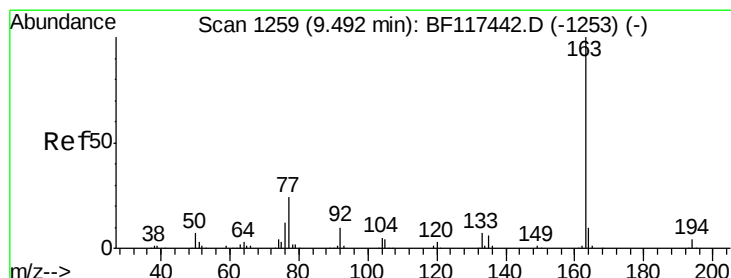
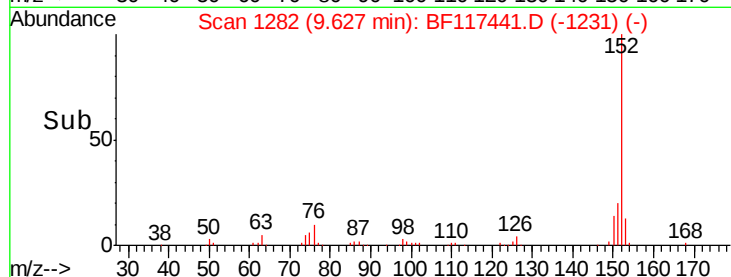
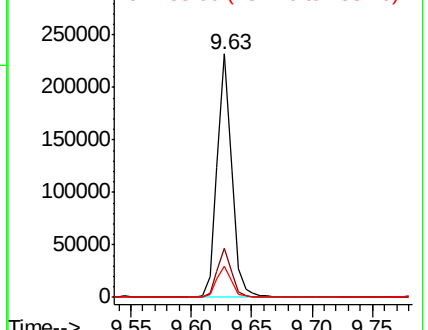
152 100

151 19.9 15.4 23.0

153 12.9 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 20.308 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

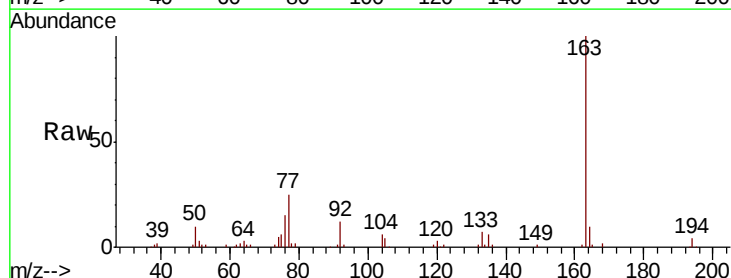
Tgt Ion:163 Resp: 149712

Ion Ratio Lower Upper

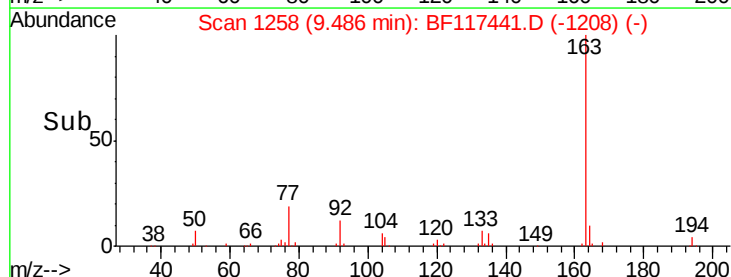
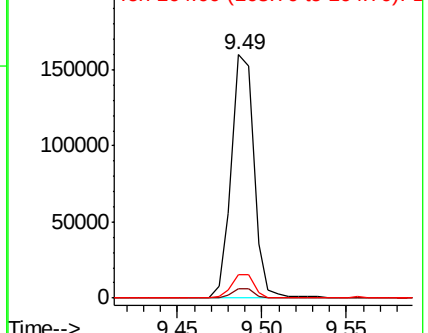
163 100

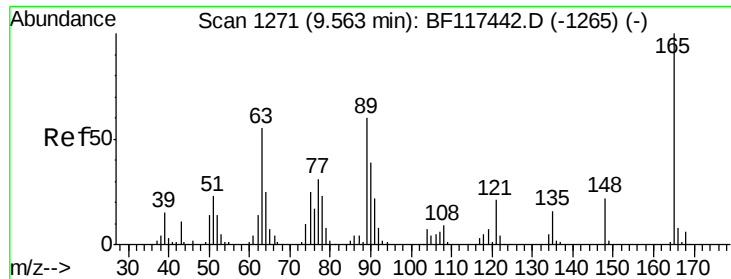
194 3.7 2.9 4.3

164 9.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

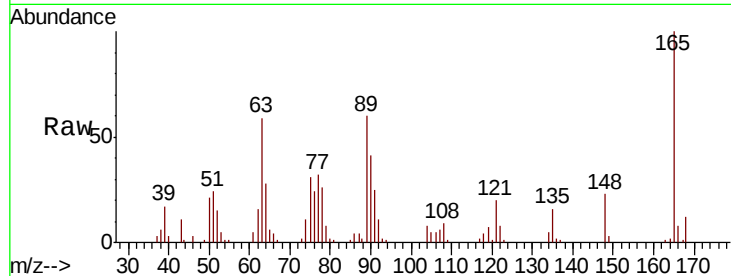




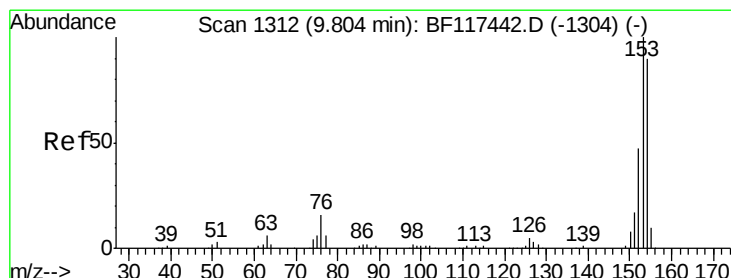
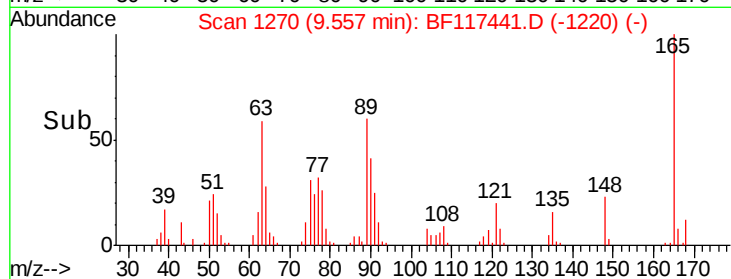
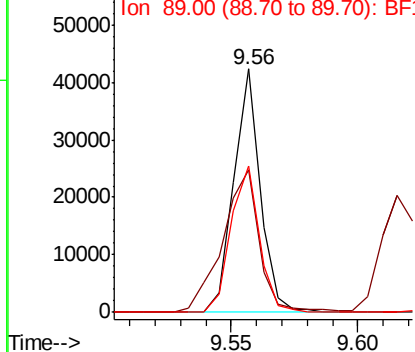
#51
2,6-Dinitrotoluene
Concen: 19.732 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 30575
Ion Ratio Lower Upper
165 100
63 58.6 43.8 65.8
89 60.3 47.6 71.4

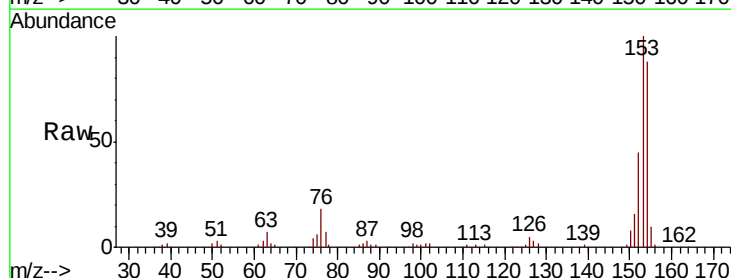


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

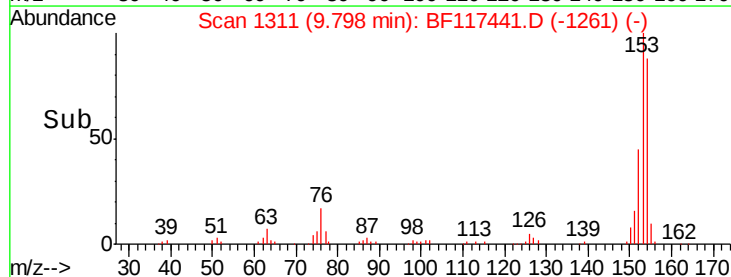
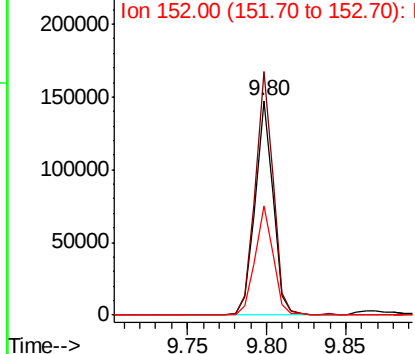


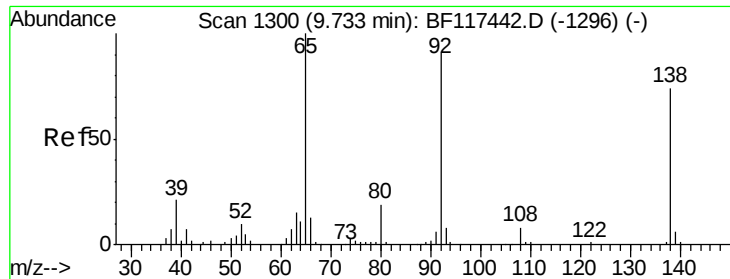
#52
Acenaphthene
Concen: 20.149 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion:154 Resp: 117333
Ion Ratio Lower Upper
154 100
153 113.4 89.2 133.8
152 51.1 41.8 62.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

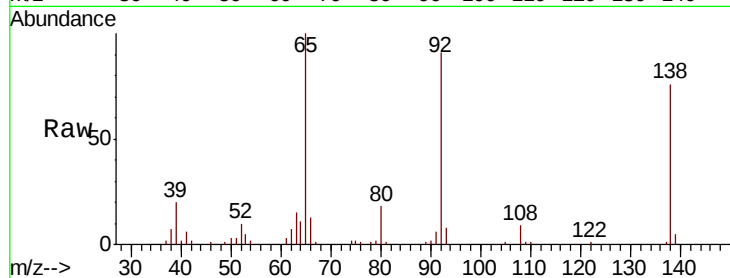




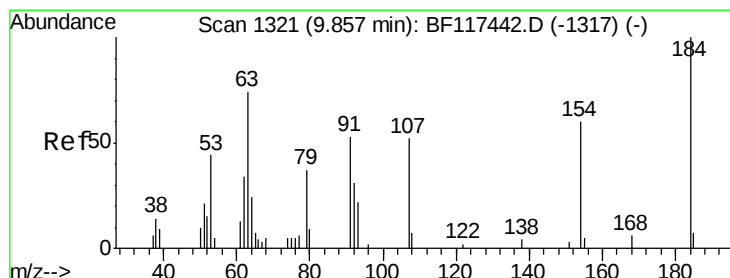
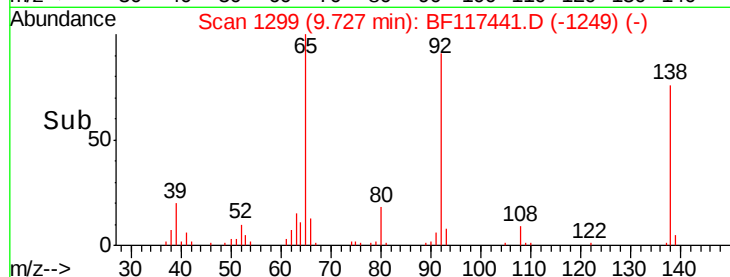
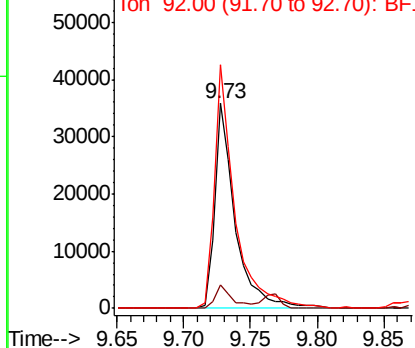
#53
3-Nitroaniline
Concen: 20.279 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 38373
Ion Ratio Lower Upper
138 100
108 11.5 8.7 13.1
92 119.0 98.4 147.6

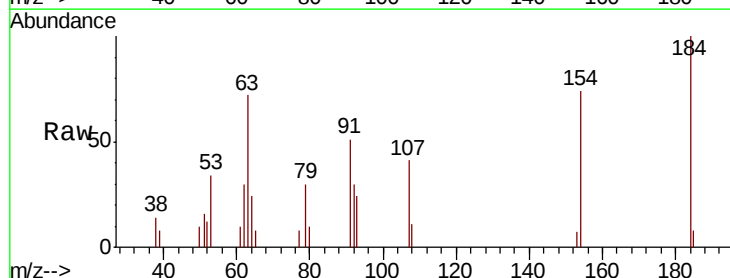


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

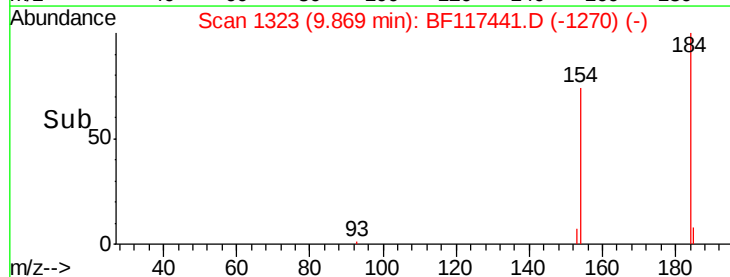
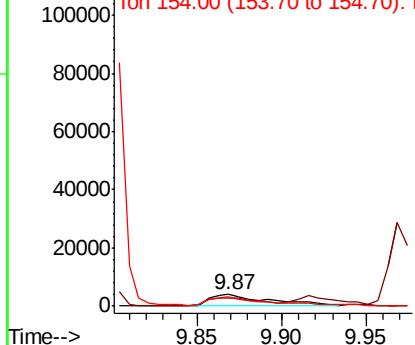


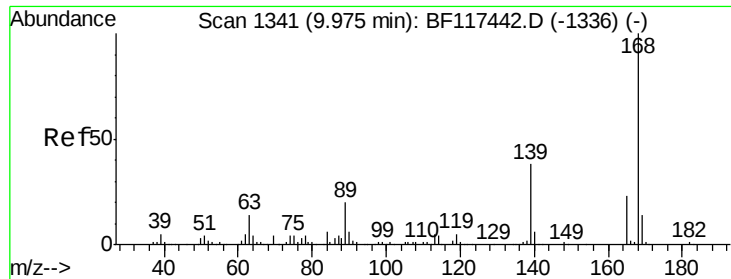
#54
2,4-Dinitrophenol
Concen: 16.509 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion:184 Resp: 9801
Ion Ratio Lower Upper
184 100
63 72.2 59.2 88.8
154 74.3 53.4 80.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

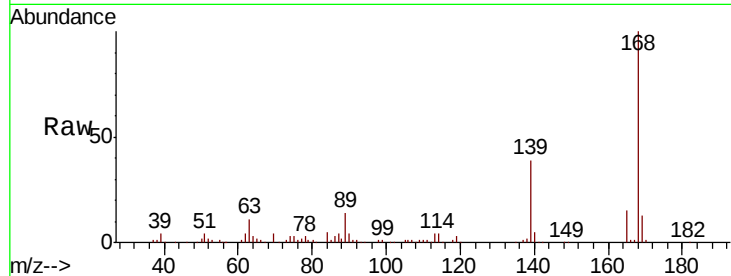




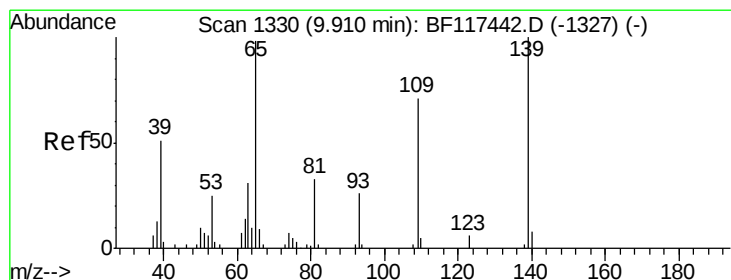
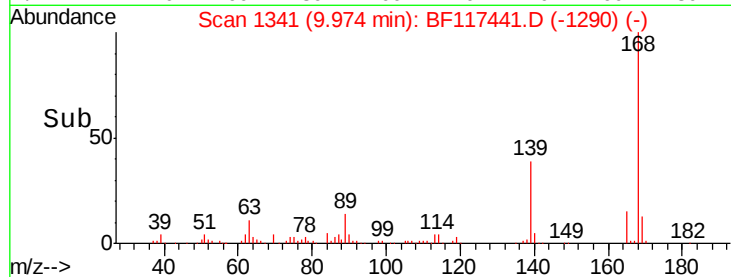
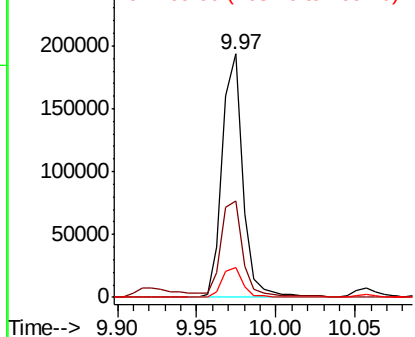
#55
Dibenzofuran
Concen: 20.661 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 175503
Ion Ratio Lower Upper
168 100
139 39.5 31.8 47.6
169 12.5 11.2 16.8

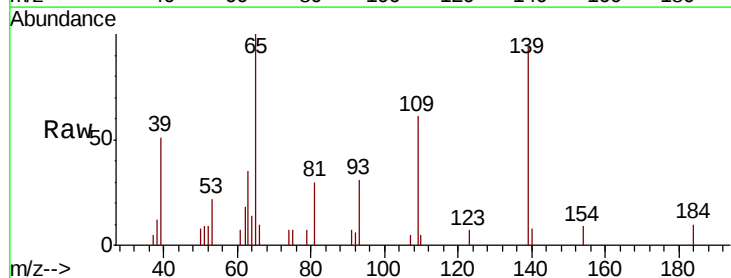


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

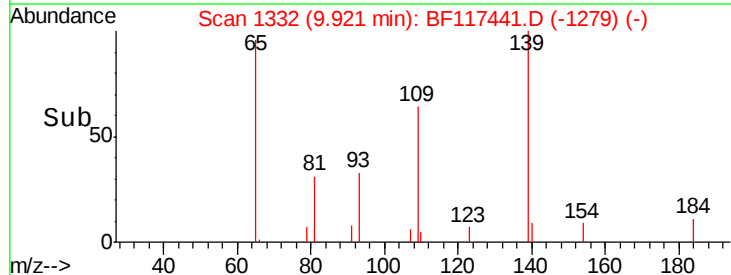
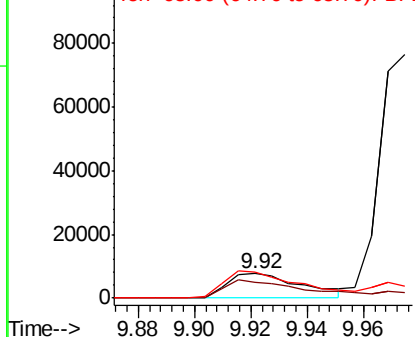


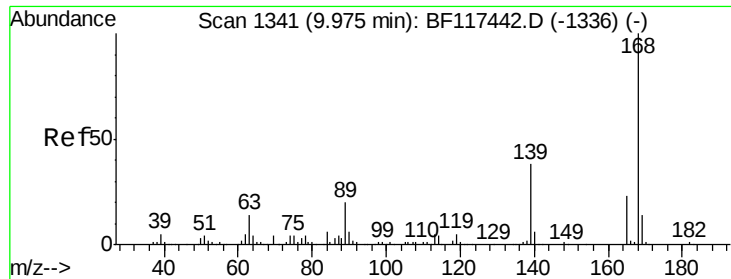
#56
4-Nitrophenol
Concen: 18.790 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion:139 Resp: 14150
Ion Ratio Lower Upper
139 100
109 64.4 51.4 91.4
65 106.1 79.4 119.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

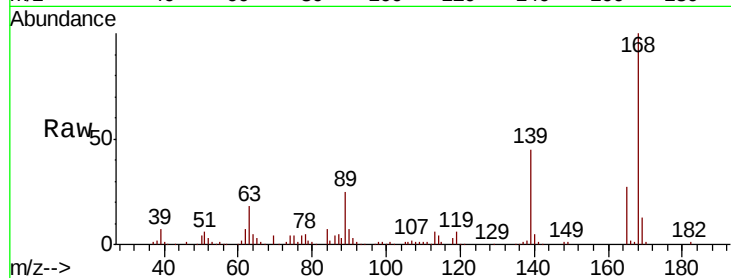




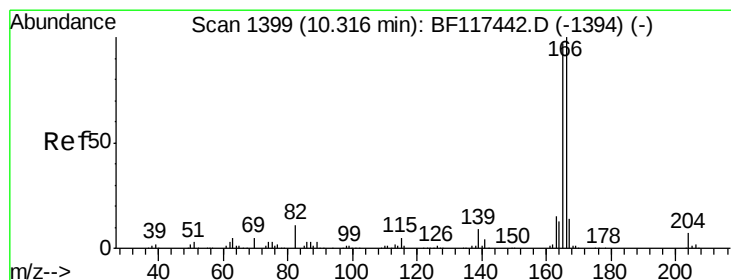
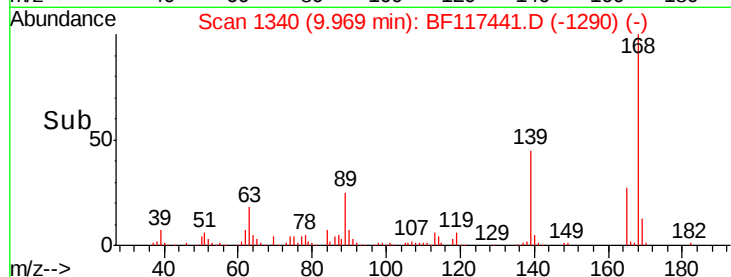
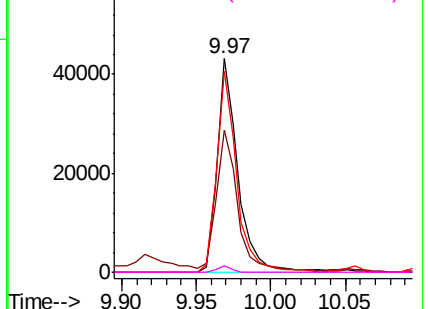
#57
2,4-Dinitrotoluene
Concen: 20.589 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 42097
Ion Ratio Lower Upper
165 100
63 66.5 51.4 77.0
89 93.9 69.9 104.9
182 2.8 1.9 2.9

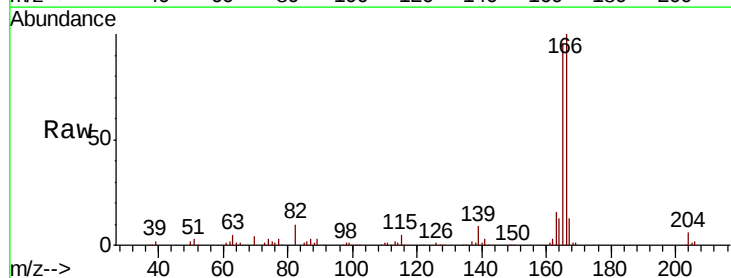


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

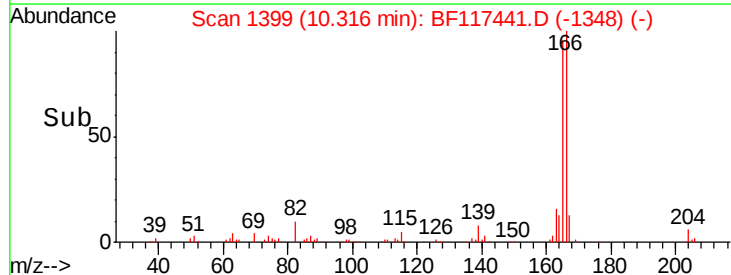
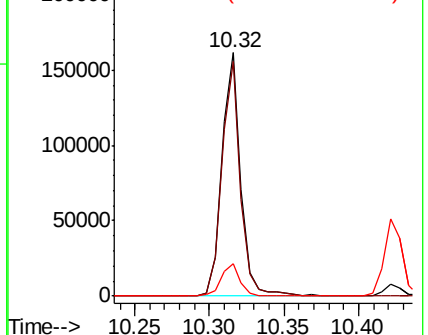


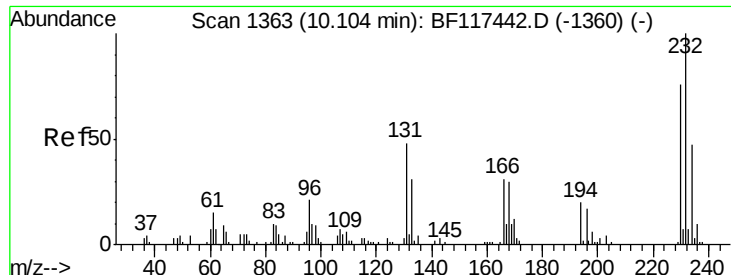
#58
Fluorene
Concen: 20.297 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion:166 Resp: 143554
Ion Ratio Lower Upper
166 100
165 96.2 77.6 116.4
167 13.1 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

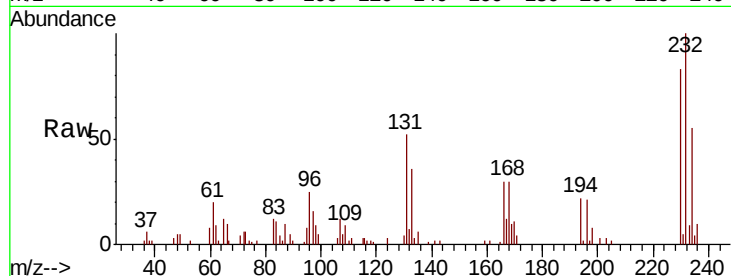




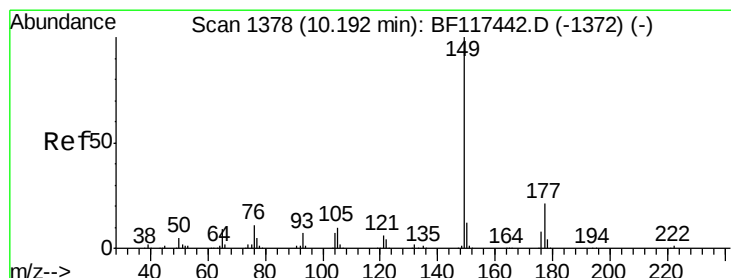
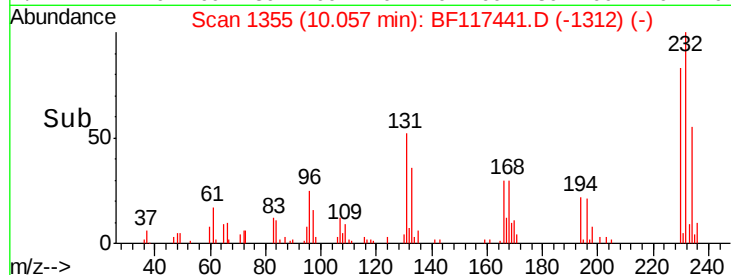
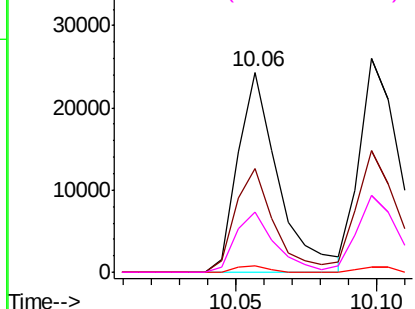
#59
2,3,4,6-Tetrachlorophenol
Concen: 17.626 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.05 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 24300
Ion Ratio Lower Upper
232 100
131 50.0 42.6 63.8
130 2.6 2.2 3.4
166 29.6 27.5 41.3

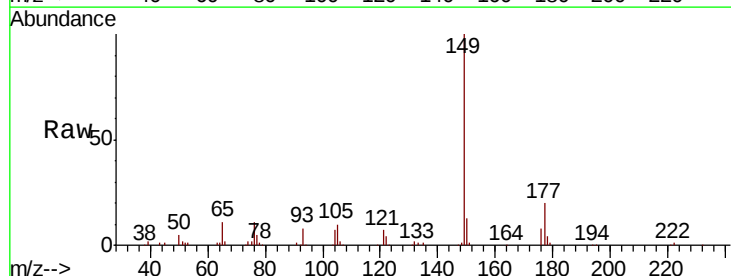


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

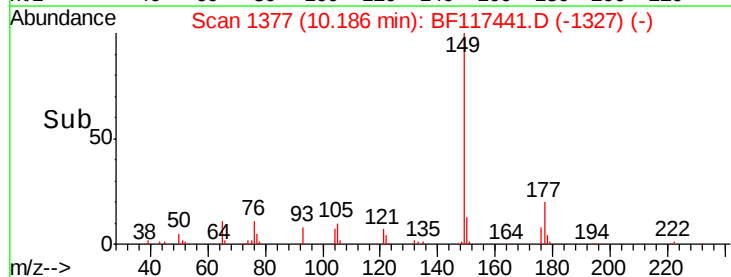
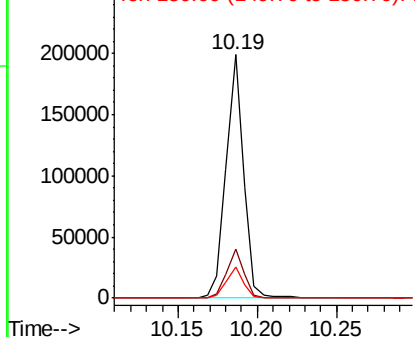


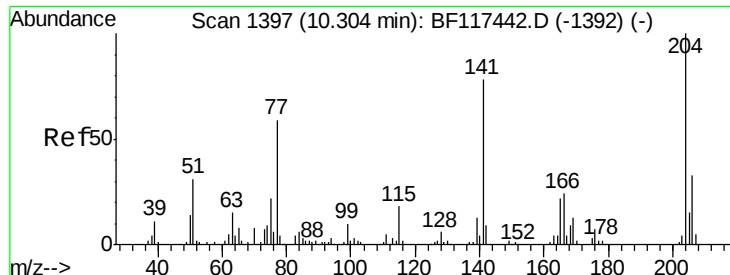
#60
Diethylphthalate
Concen: 20.502 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion:149 Resp: 152349
Ion Ratio Lower Upper
149 100
177 20.3 17.0 25.4
150 12.9 9.8 14.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

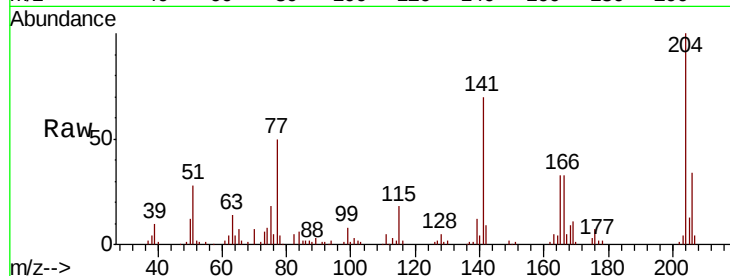




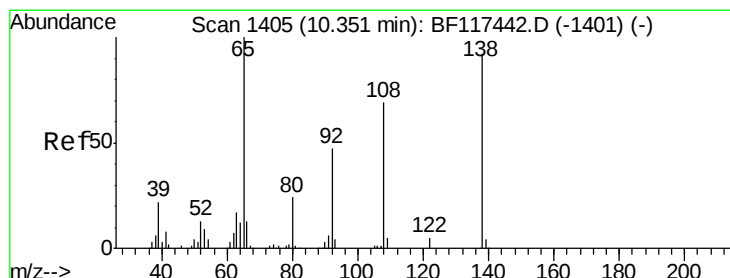
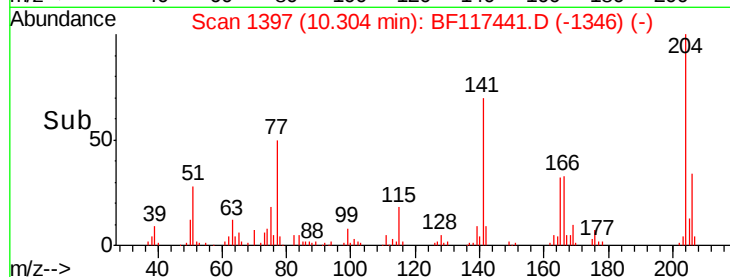
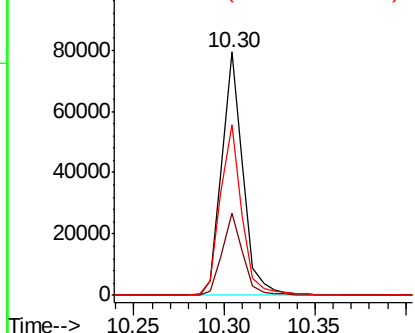
#61
4-Chlorophenyl-phenylether
Concen: 20.643 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 64642
Ion Ratio Lower Upper
204 100
206 33.8 26.3 39.5
141 70.0 62.2 93.4

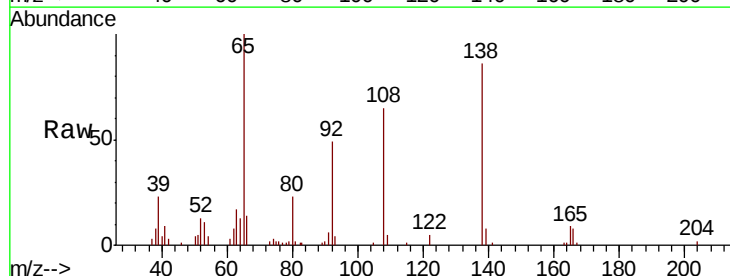


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

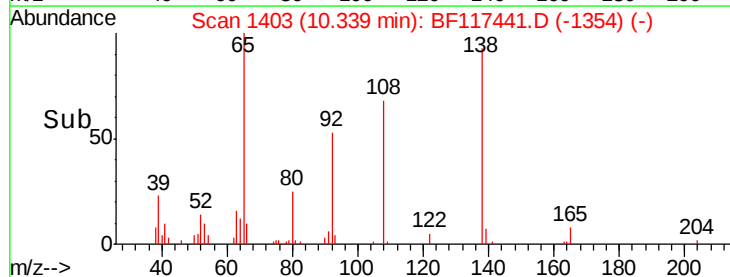
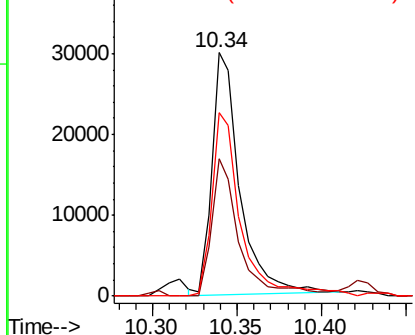


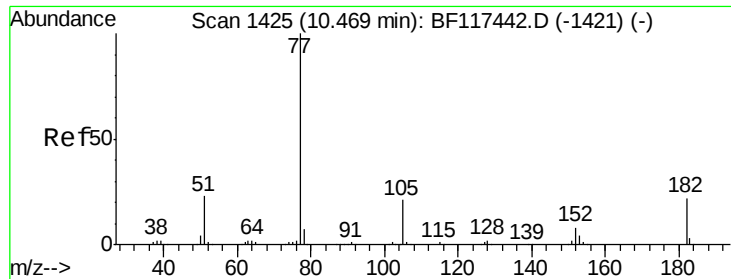
#62
4-Nitroaniline
Concen: 19.193 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion:138 Resp: 34522
Ion Ratio Lower Upper
138 100
92 56.6 30.3 70.3
108 75.6 54.9 94.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

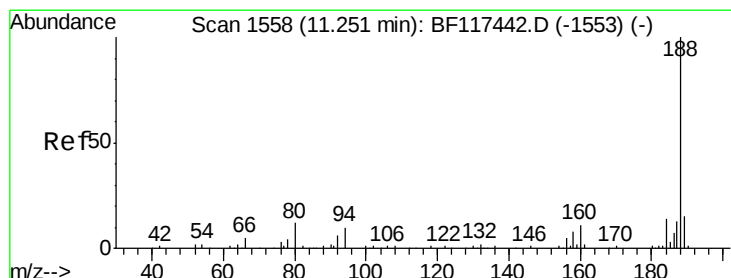
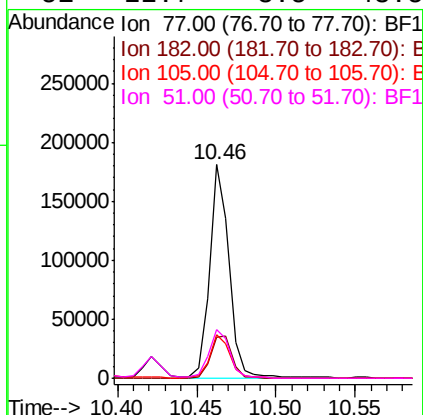
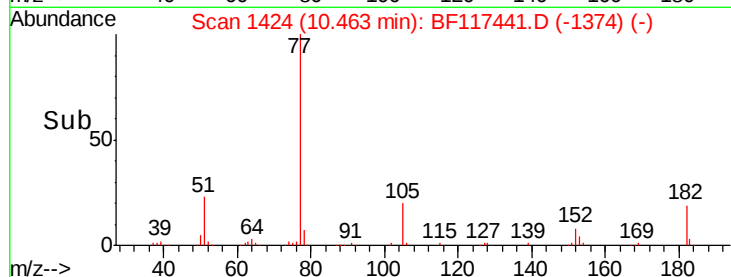
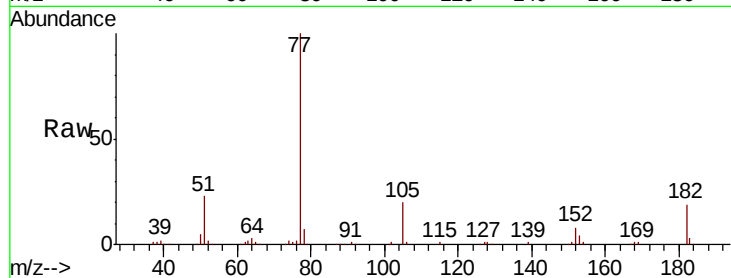




#63
Azobenzene
Concen: 20.088 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

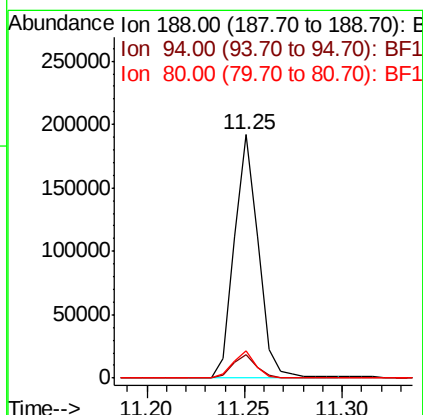
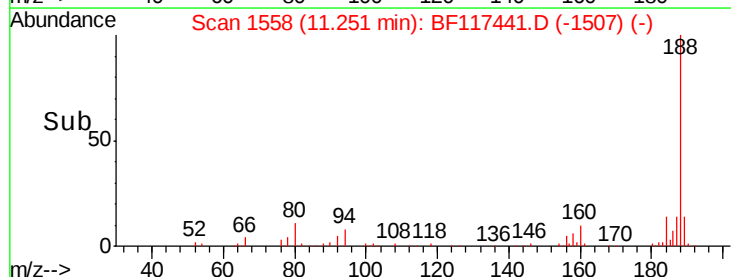
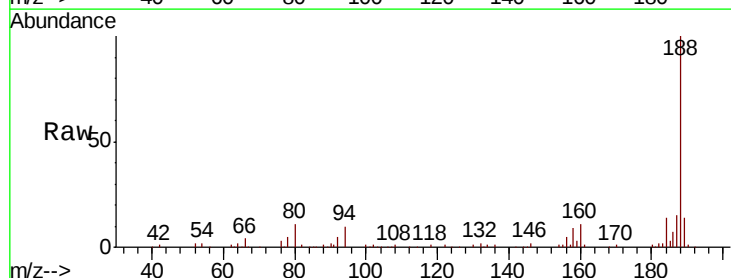
Instrument :
BNA_F
ClientSampleId :

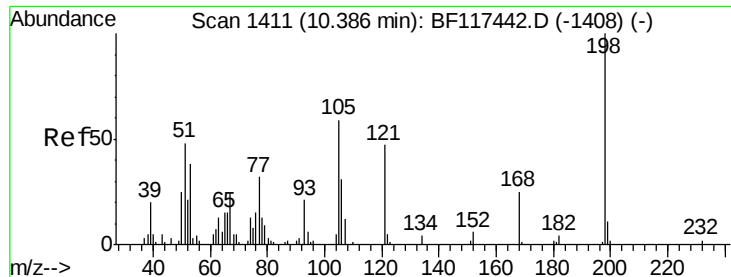
Tot Ion:	77	Resp:	153165
Ion	Ratio	Lower	Upper
77	100		
182	19.5	2.3	42.3
105	20.4	1.3	41.3
51	22.7	3.5	43.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion:	188	Resp:	164702
Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.0	12.0
80	11.1	9.5	14.3

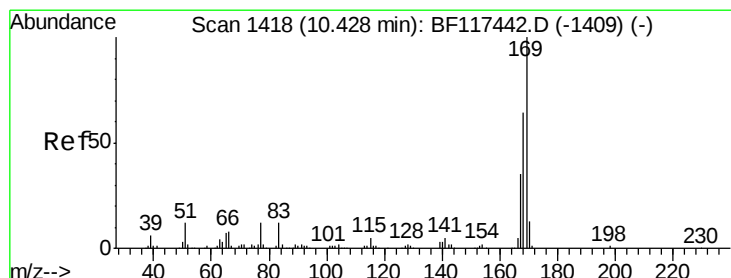
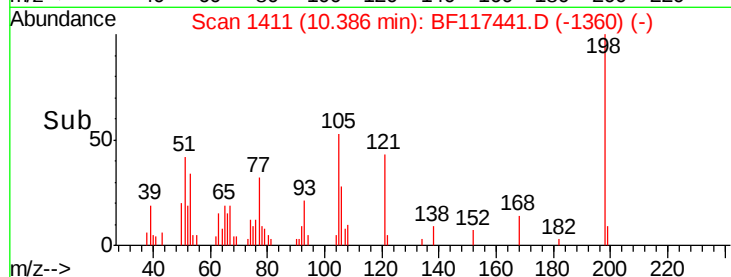
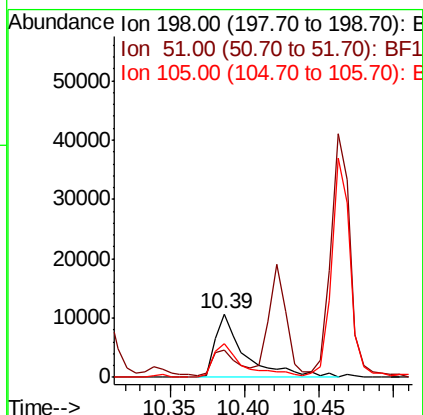
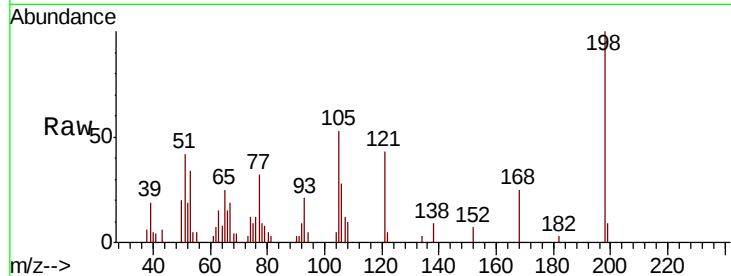




#65
4,6-Dinitro-2-methylphenol
Concen: 17.917 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

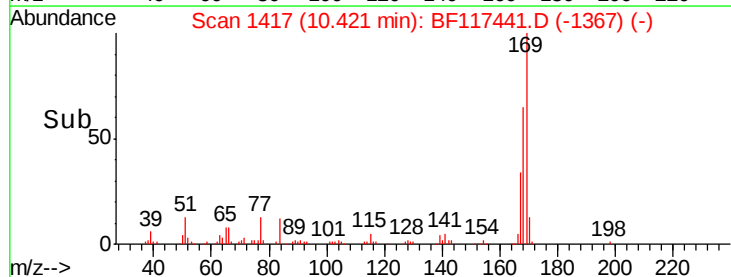
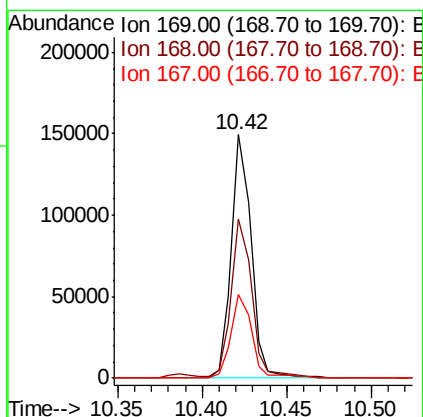
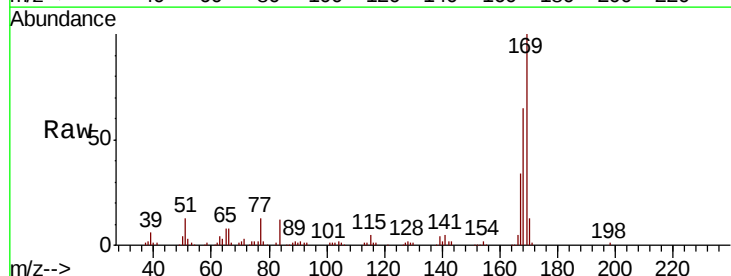
Instrument :
BNA_F
ClientSampled :

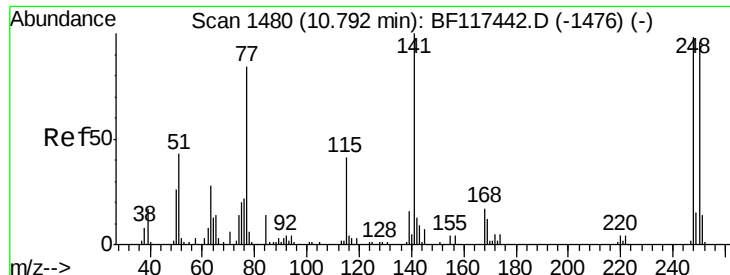
Tot Ion:198 Resp: 14824
Ion Ratio Lower Upper
198 100
51 42.5 29.1 69.1
105 52.6 39.4 79.4



#66
n-Nitrosodiphenylamine
Concen: 19.894 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion:169 Resp: 122401
Ion Ratio Lower Upper
169 100
168 65.4 51.3 76.9
167 34.1 28.2 42.4

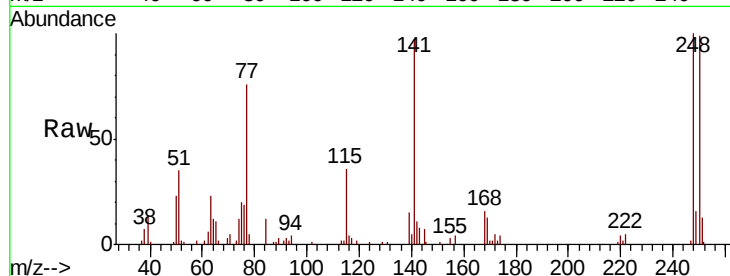




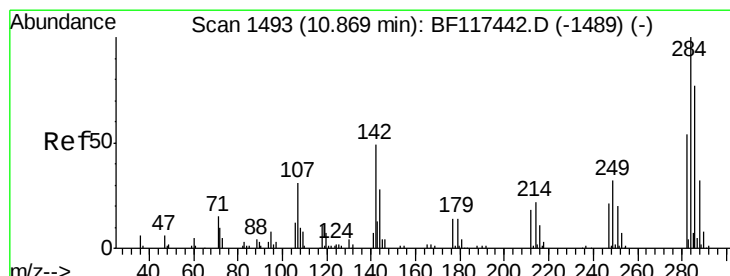
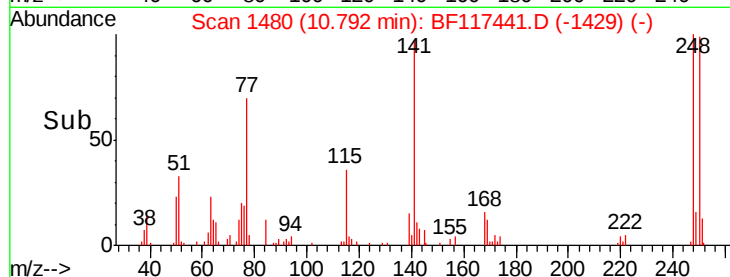
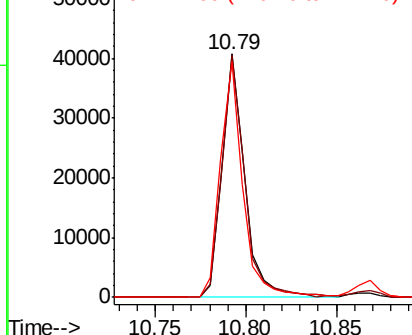
#67
4-Bromophenyl-phenylether
Concen: 19.708 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 35603
Ion Ratio Lower Upper
248 100
250 99.5 78.0 117.0
141 96.8 81.7 122.5

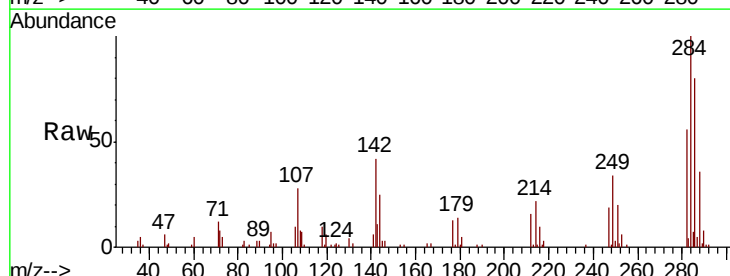


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

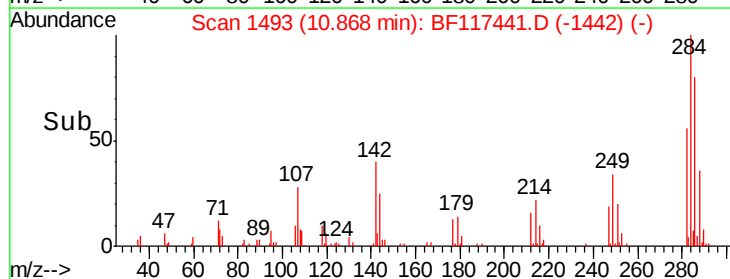
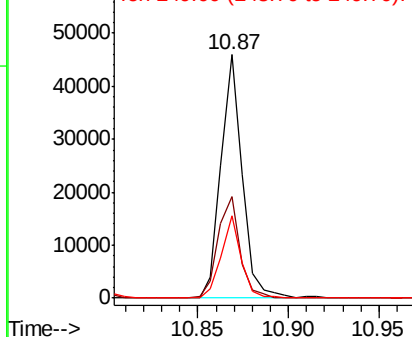


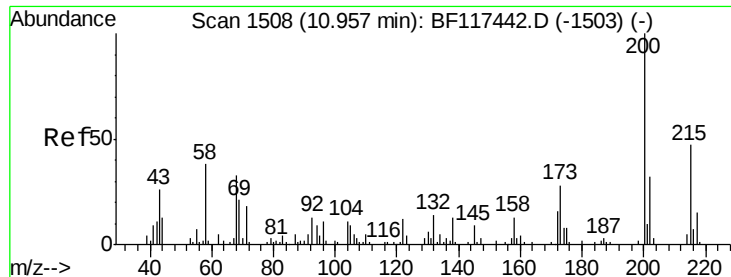
#68
Hexachlorobenzene
Concen: 19.400 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion:284 Resp: 37637
Ion Ratio Lower Upper
284 100
142 41.7 39.0 58.6
249 33.6 25.7 38.5



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

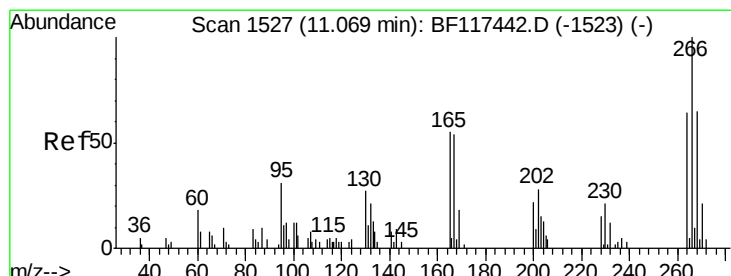
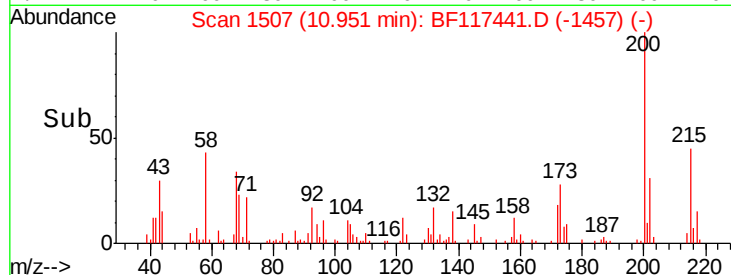
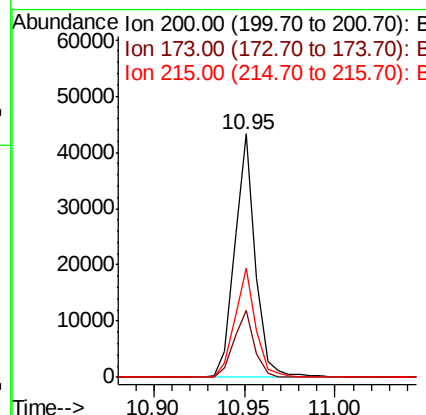
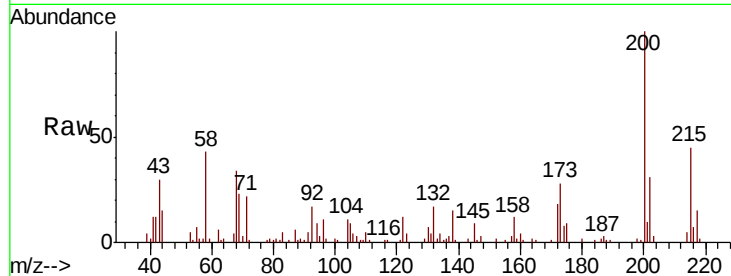




#69
 Atrazine
 Concen: 34.345 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

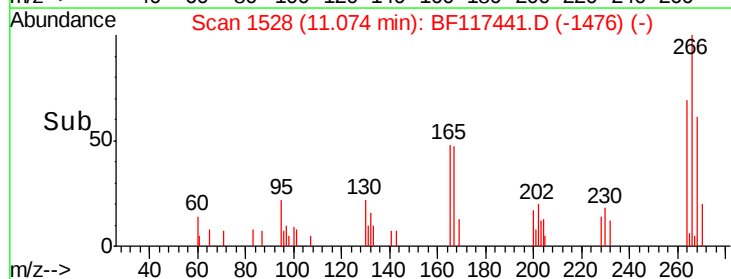
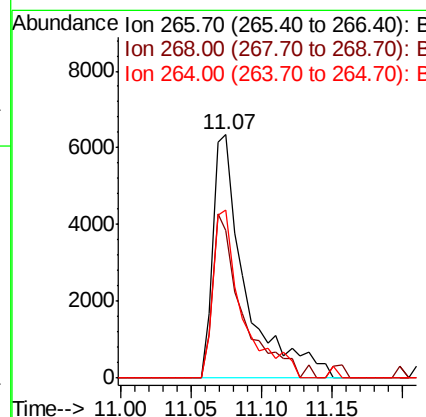
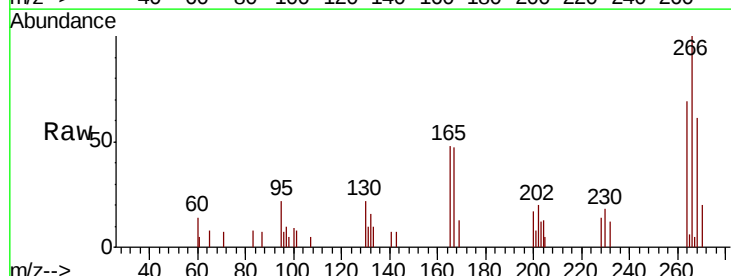
Instrument :
 BNA_F
 ClientSampled :

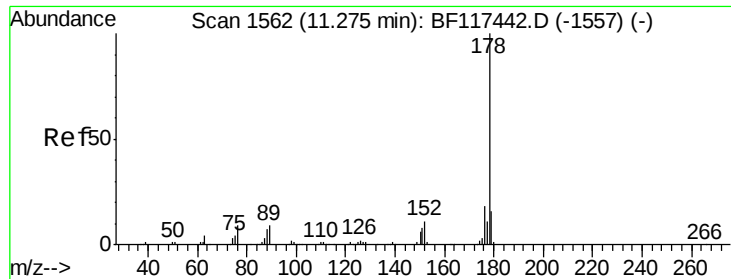
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	8.2	48.2
215	44.6	26.8	66.8



#70
 Pentachlorophenol
 Concen: 17.474 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.8	51.6	77.4
264	69.3	51.4	77.2





#71

Phenanthrene

Concen: 20.001 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

ClientSampleId :

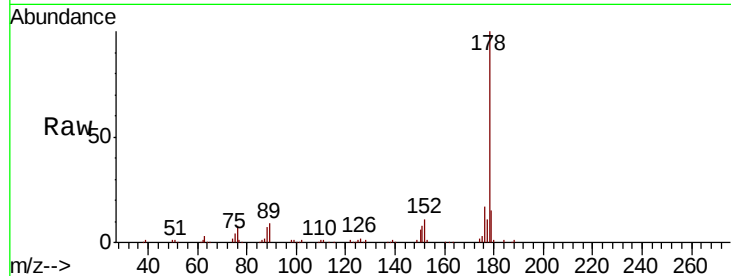
Tot Ion:178 Resp: 194732

Ion Ratio Lower Upper

178 100

176 17.4 14.6 22.0

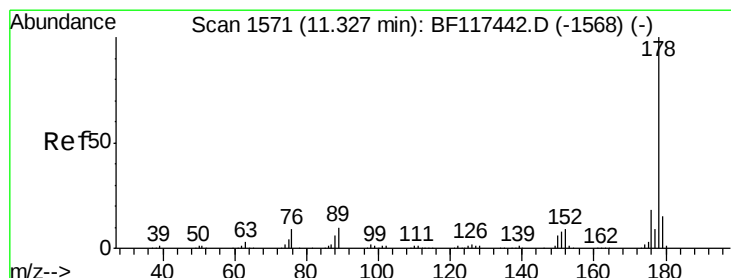
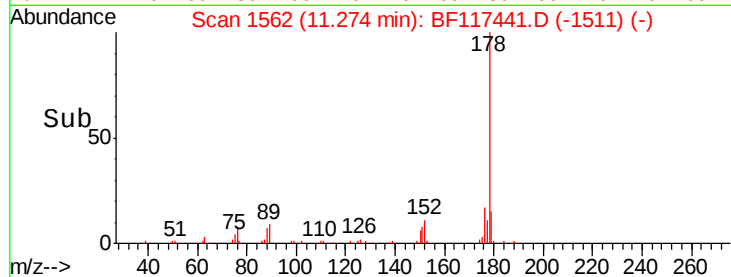
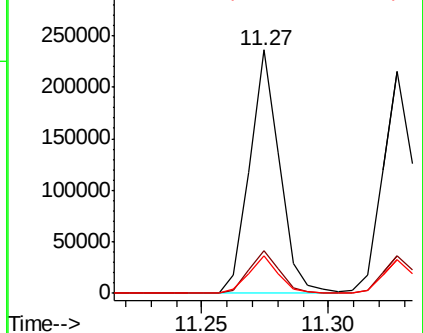
179 15.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 20.353 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

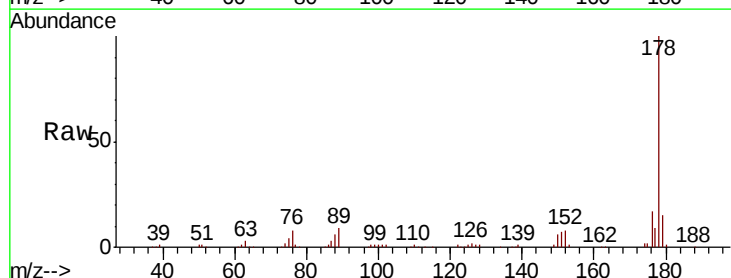
Tgt Ion:178 Resp: 204566

Ion Ratio Lower Upper

178 100

176 17.1 14.7 22.1

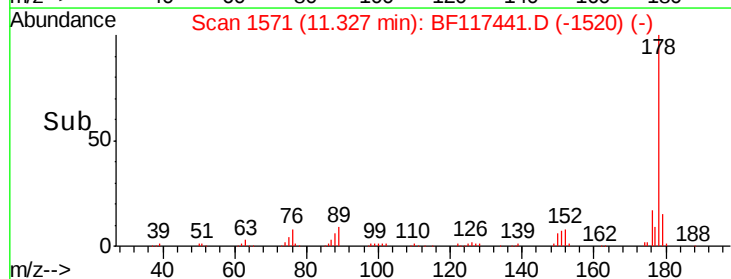
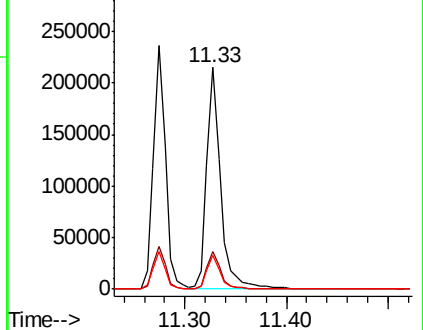
179 15.3 12.2 18.2

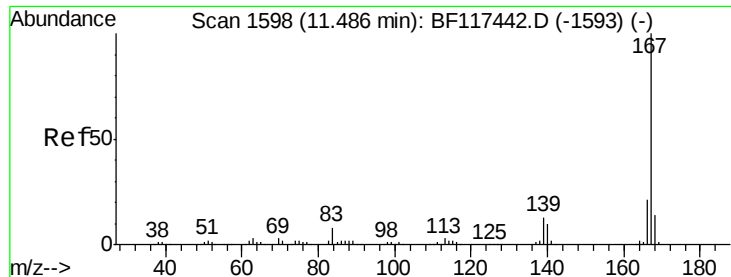


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

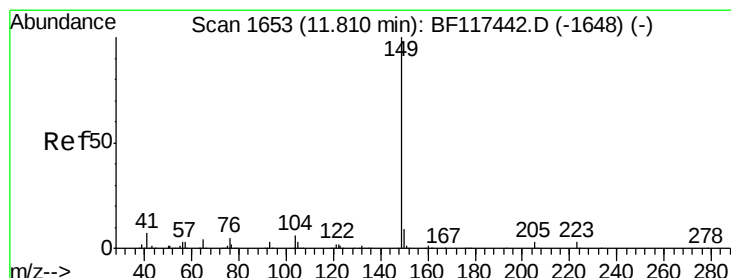
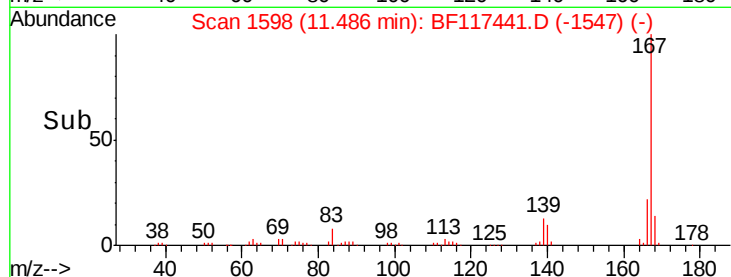
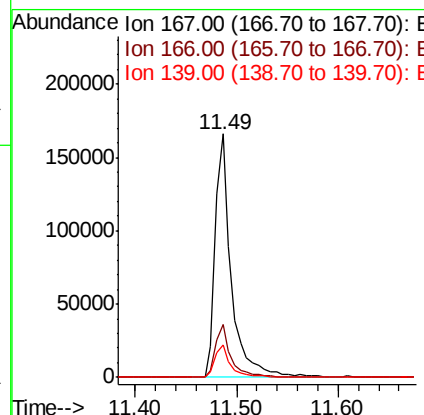
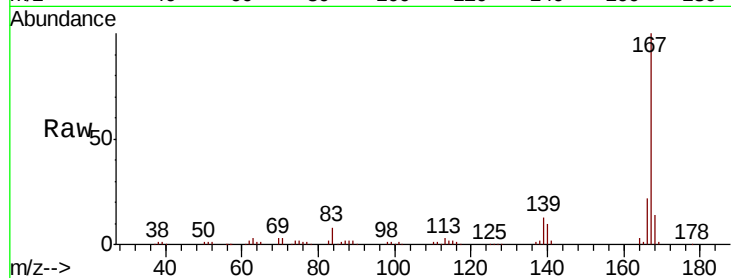




#73
 Carbazole
 Concen: 20.190 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

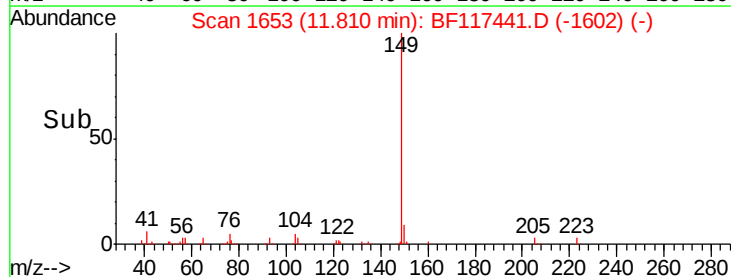
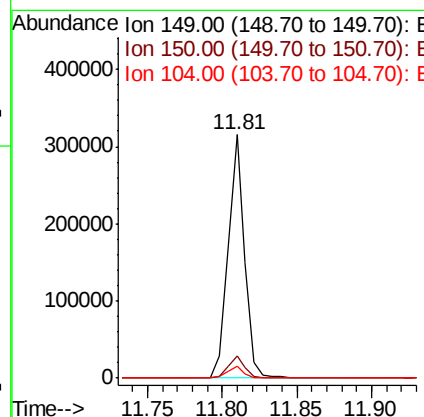
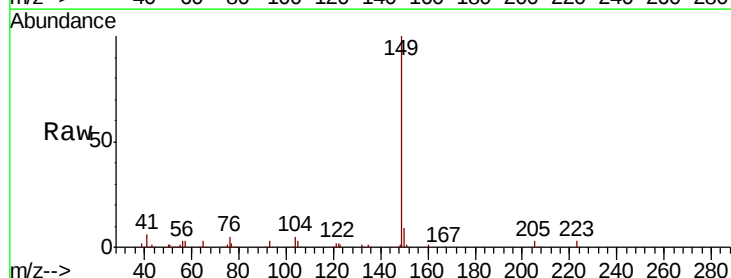
Instrument :
 BNA_F
 ClientSampleId :

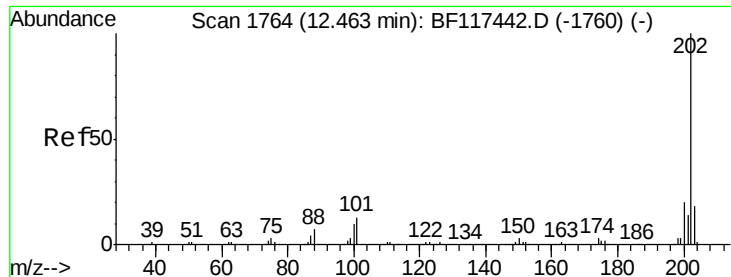
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.0	25.6
139	13.5	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 19.990 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.5	11.3
104	5.1	4.6	6.8

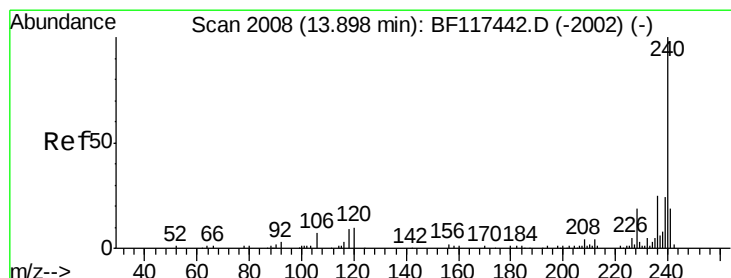
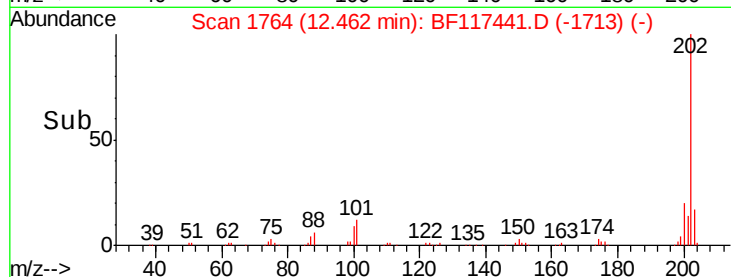
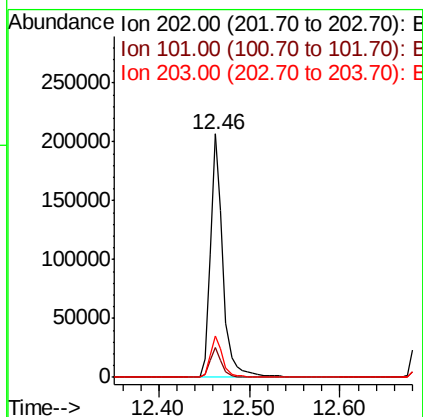
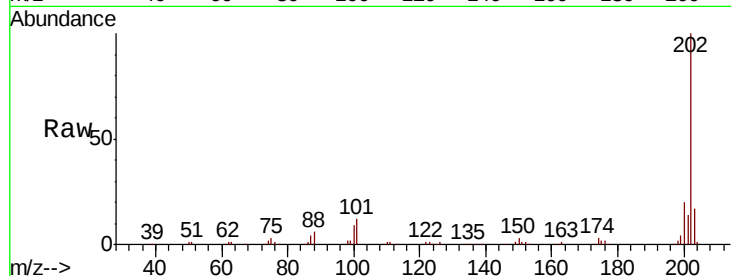




#75
 Fluoranthene
 Concen: 20.718 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

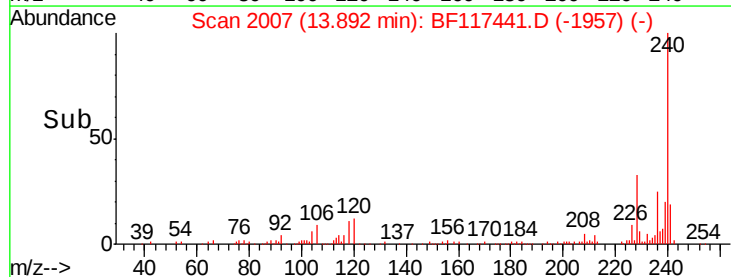
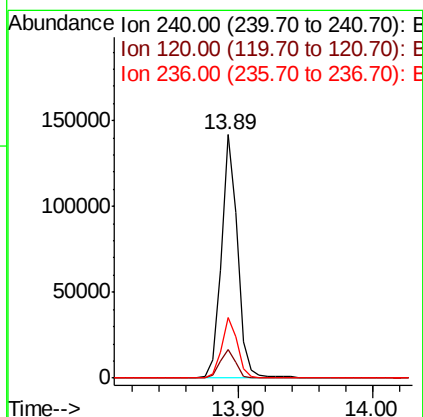
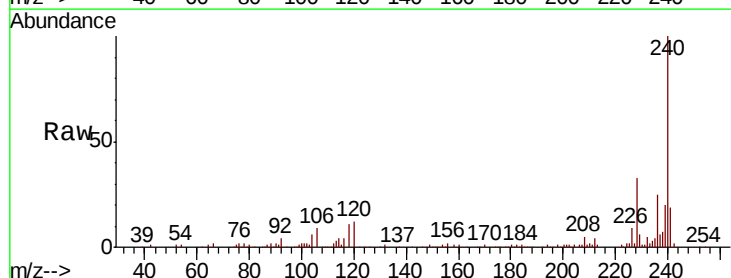
Instrument :
 BNA_F
 ClientSampled :

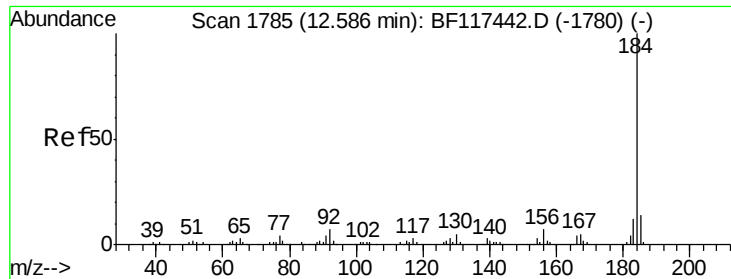
Tot Ion:202 Resp: 200573
 Ion Ratio Lower Upper
 202 100
 101 12.1 0.0 32.7
 203 17.0 0.0 37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

Tgt Ion:240 Resp: 122241
 Ion Ratio Lower Upper
 240 100
 120 11.8 8.4 12.6
 236 24.7 20.0 30.0





#77

Benzidine

Concen: 26.987 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

ClientSampleId :

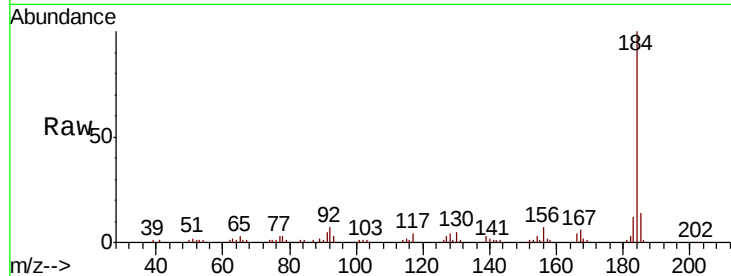
Tot Ion:184 Resp: 81589

Ion Ratio Lower Upper

184 100

185 14.1 11.4 17.0

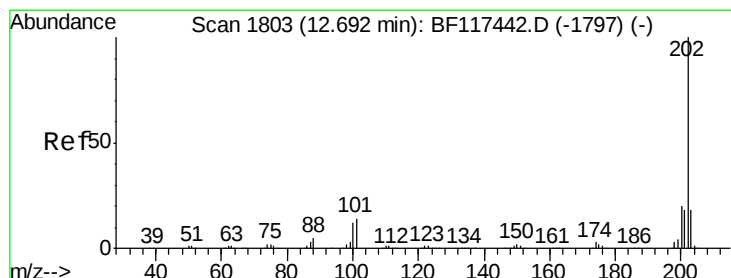
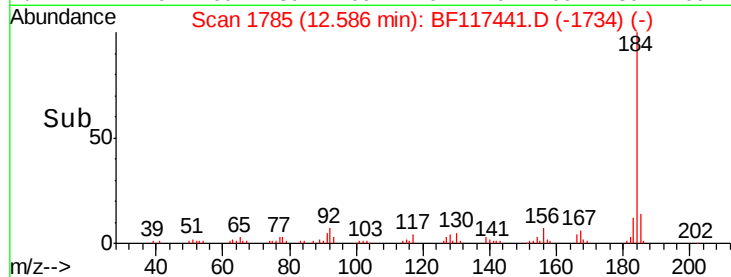
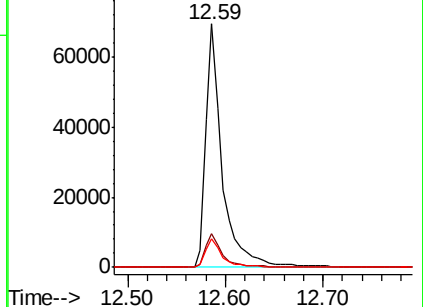
183 11.7 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 18.708 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

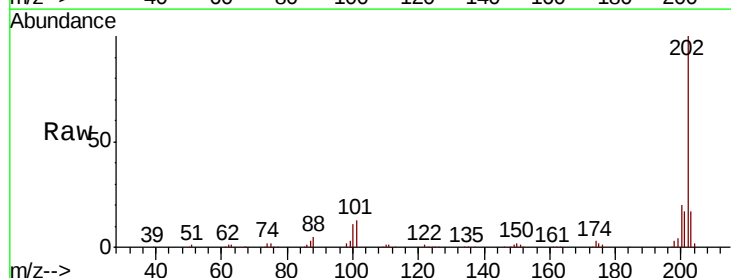
Tgt Ion:202 Resp: 202145

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

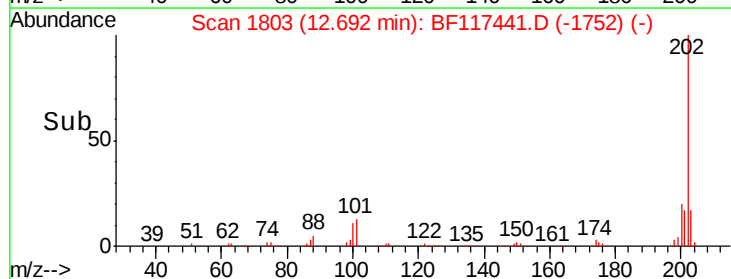
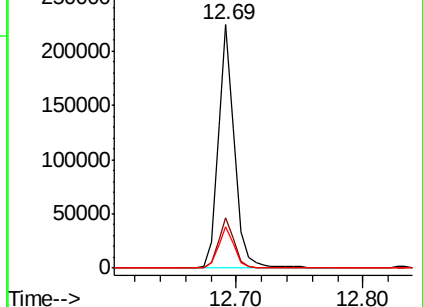
203 17.2 14.0 21.0

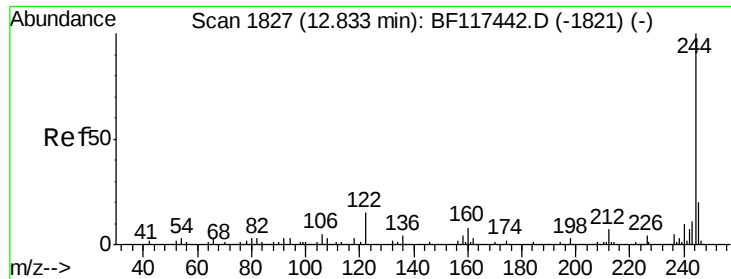


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

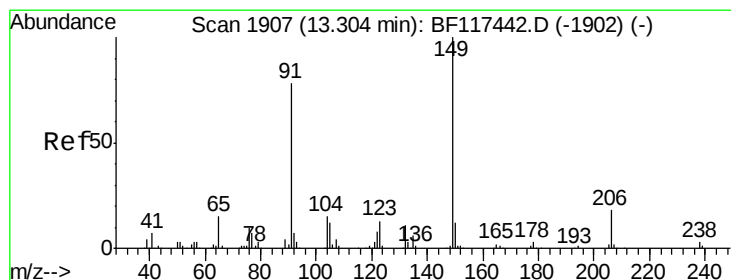
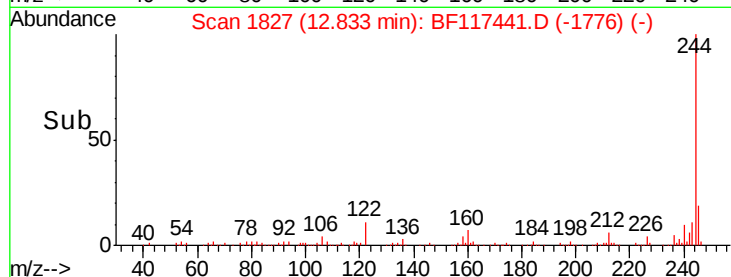
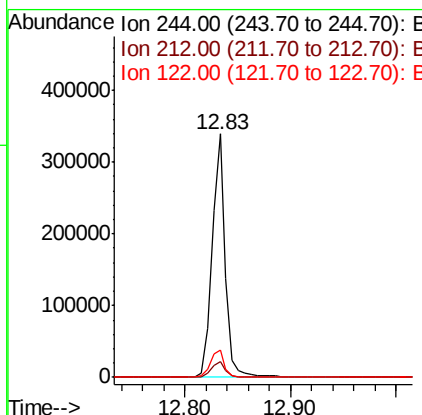
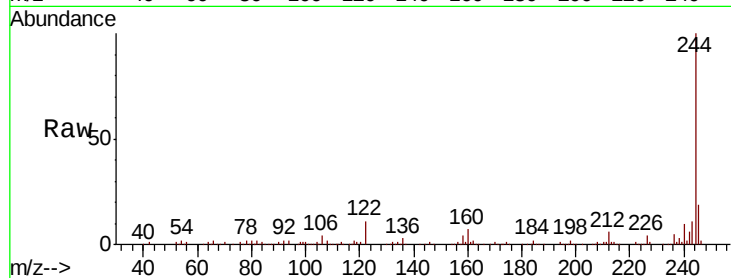




#79
 Terphenyl-d14
 Concen: 39.654 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

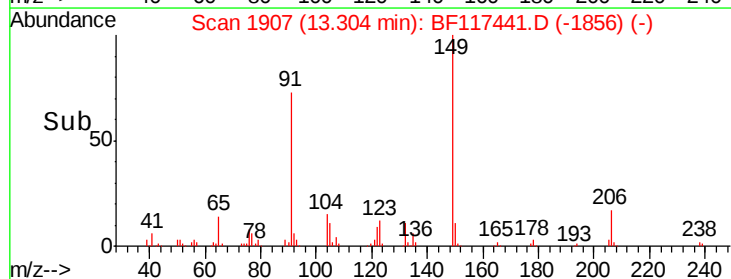
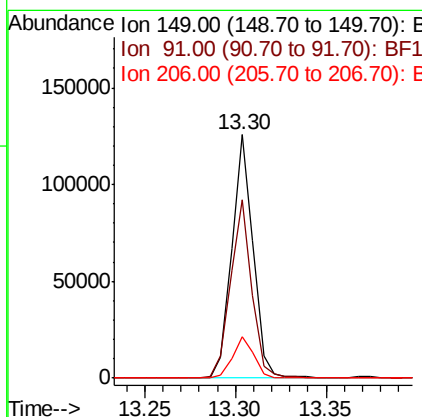
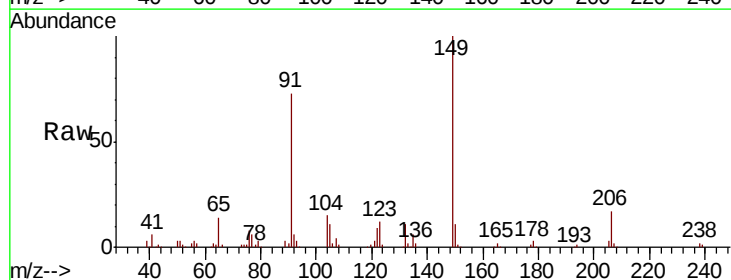
Instrument :
 BNA_F
 ClientSampleId :

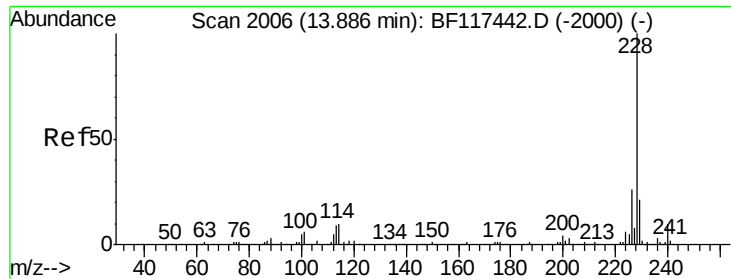
Tot Ion:244 Resp: 297356
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.6
 122 11.4 11.8 17.8#



#80
 Butylbenzylphthalate
 Concen: 18.977 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

Tgt Ion:149 Resp: 103110
 Ion Ratio Lower Upper
 149 100
 91 73.0 62.1 93.1
 206 17.2 14.3 21.5





#81

Benzo(a)anthracene

Concen: 20.268 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

ClientSampleId :

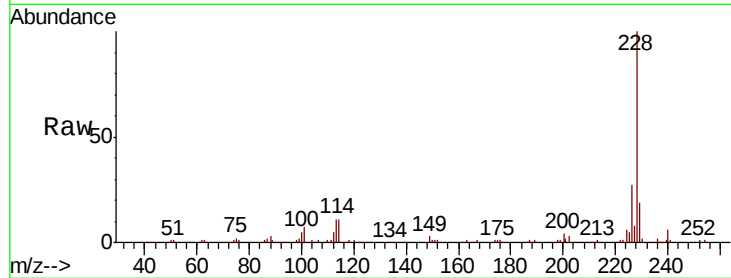
Tot Ion:228 Resp: 169997

Ion Ratio Lower Upper

228 100

226 26.6 21.0 31.4

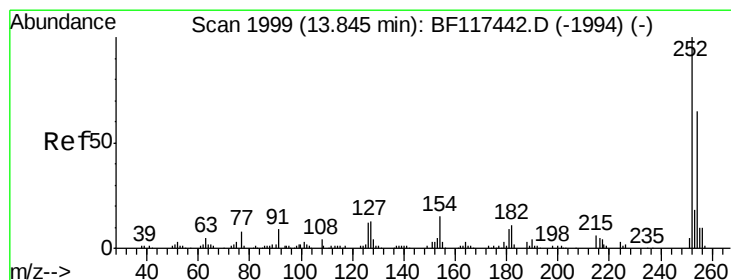
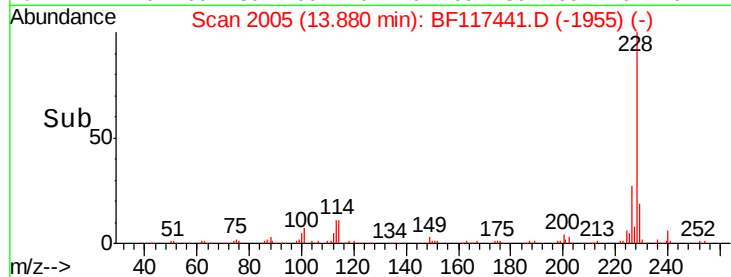
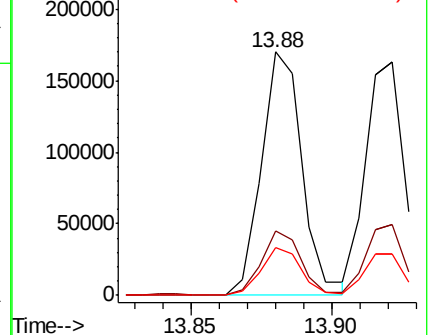
229 19.4 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.148 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

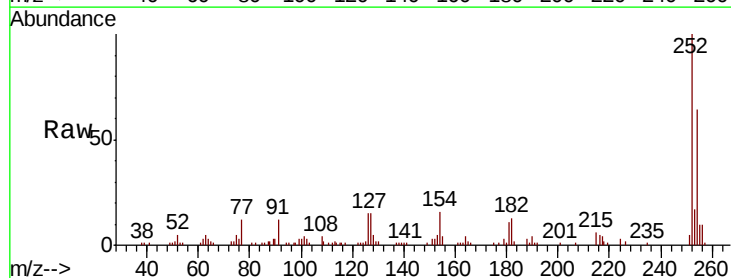
Tgt Ion:252 Resp: 58733

Ion Ratio Lower Upper

252 100

254 63.7 52.2 78.4

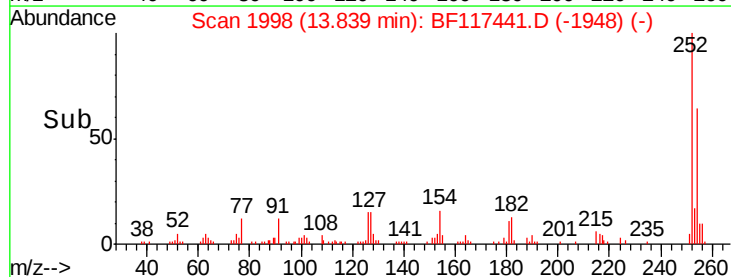
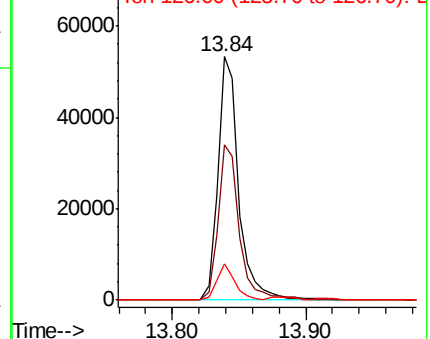
126 14.8 9.2 13.8#

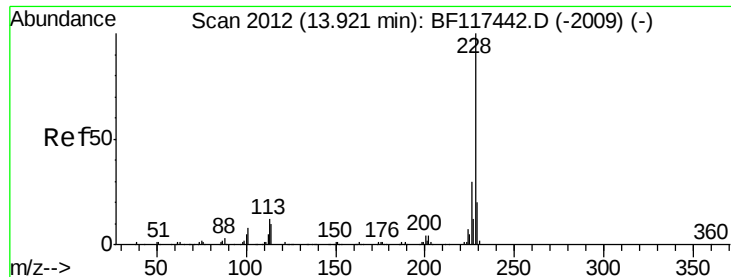


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 19.651 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

ClientSampleId :

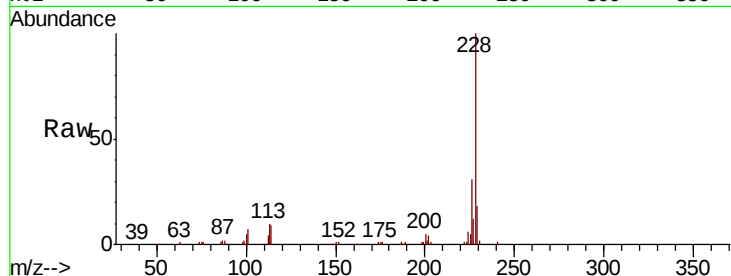
Tot Ion:228 Resp: 162545

Ion Ratio Lower Upper

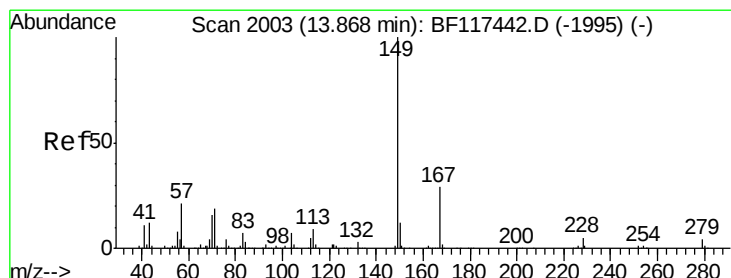
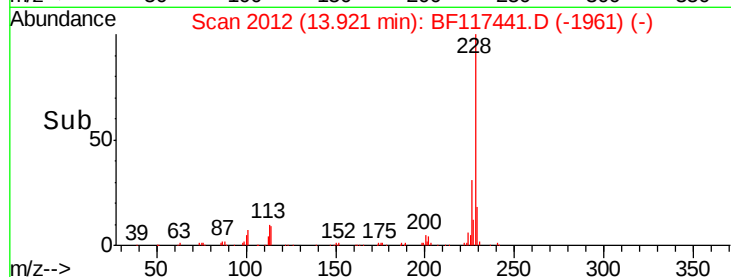
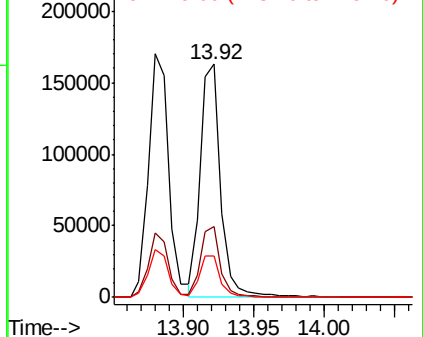
228 100

226 30.5 23.9 35.9

229 17.8 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 18.897 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

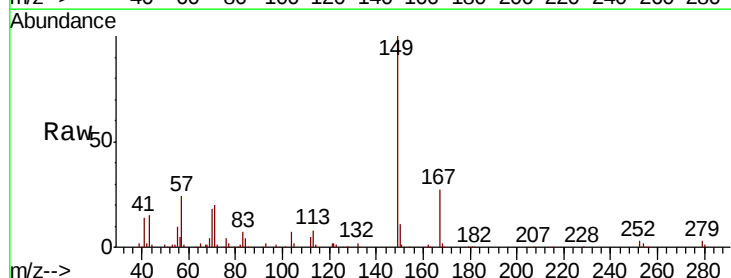
Tgt Ion:149 Resp: 144774

Ion Ratio Lower Upper

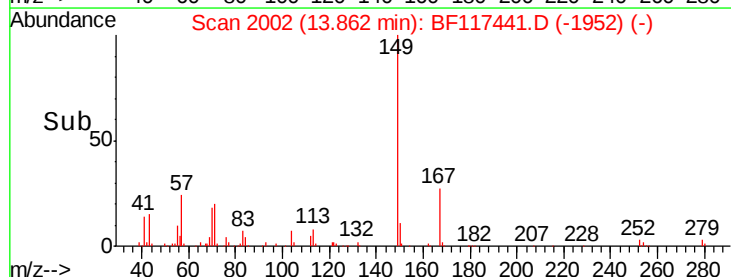
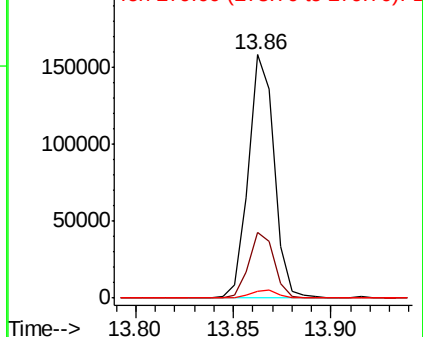
149 100

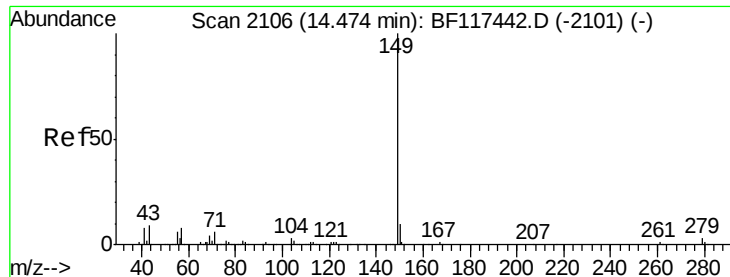
167 27.0 23.3 34.9

279 2.9 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 19.671 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.00 min

Lab File: BF117441.D

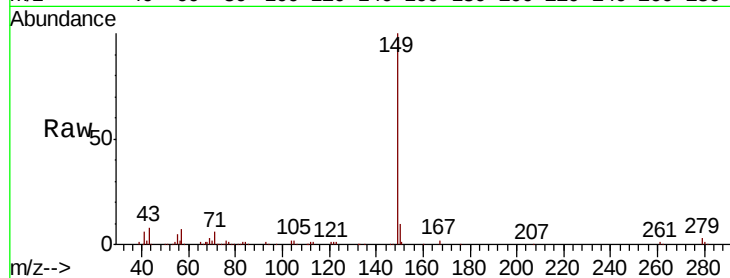
Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

ClientSampleId :

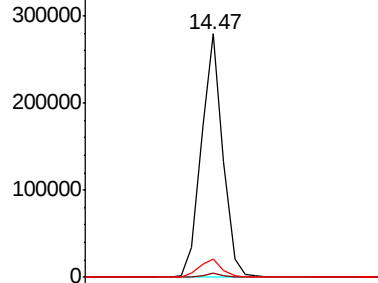
Tot Ion:	149	Resp:	229427
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.9	6.8	10.2



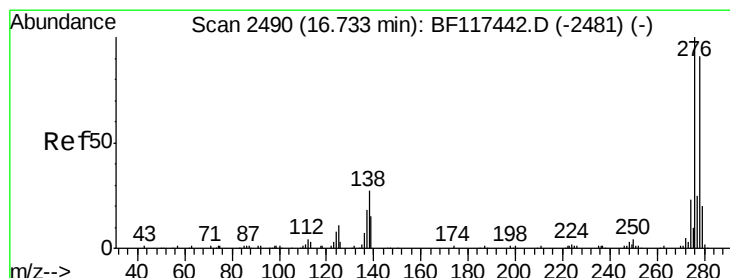
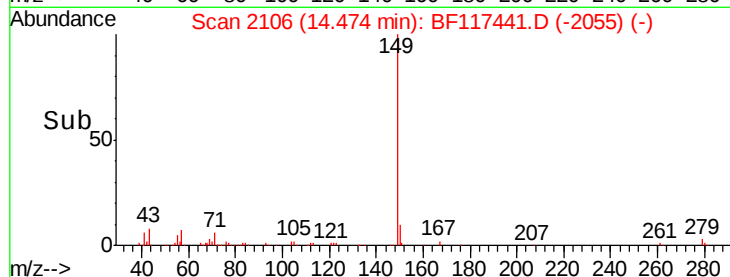
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 19.777 ng

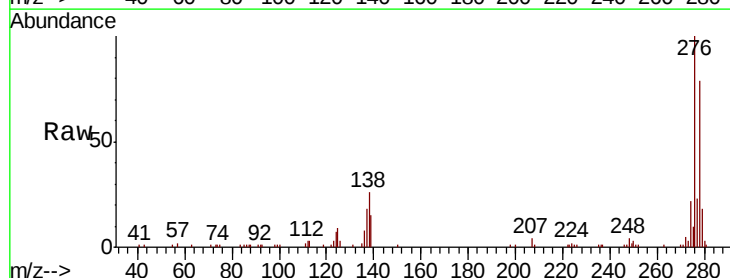
RT: 16.73 min Scan# 2489

Delta R.T. -0.01 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

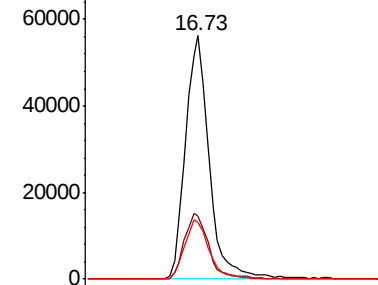
Tgt Ion:	276	Resp:	114383
Ion	Ratio	Lower	Upper
276	100		
138	27.3	21.8	32.8
277	24.7	20.0	30.0



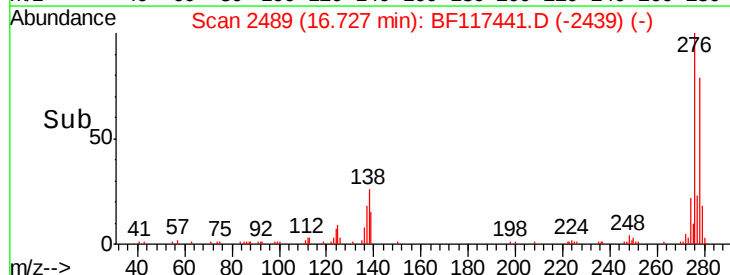
Abundance Ion 276.00 (275.70 to 276.70): E

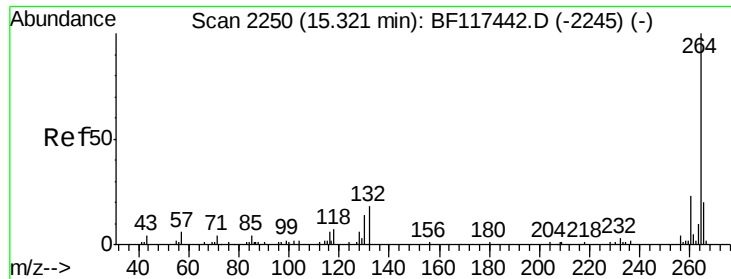
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2250

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

ClientSampleId :

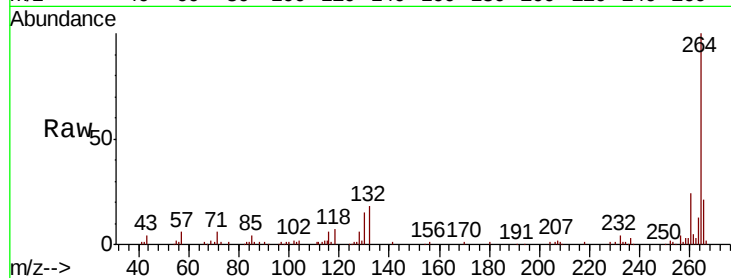
Tot Ion:264 Resp: 109804

Ion Ratio Lower Upper

264 100

260 24.4 18.4 27.6

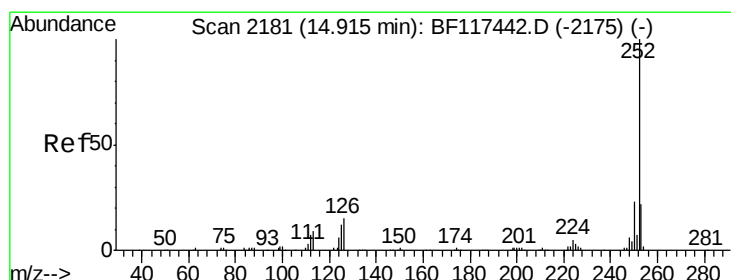
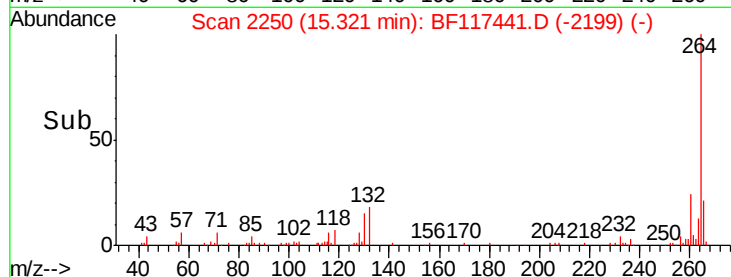
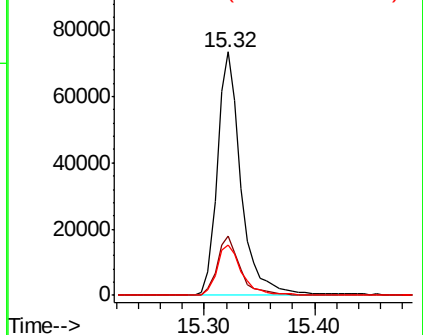
265 20.8 16.1 24.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 19.686 ng

RT: 14.92 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

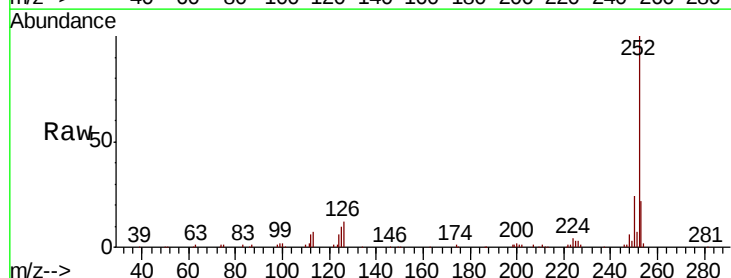
Tgt Ion:252 Resp: 134572

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

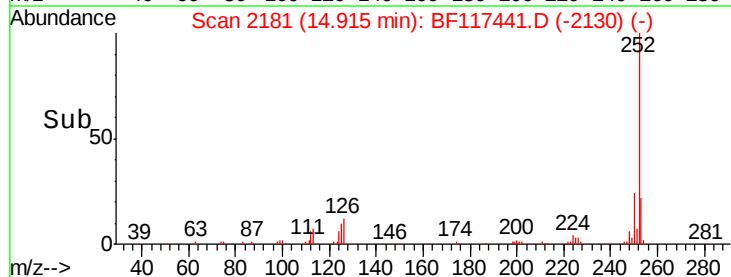
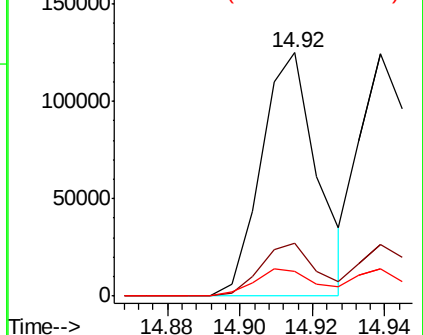
125 10.3 9.9 14.9

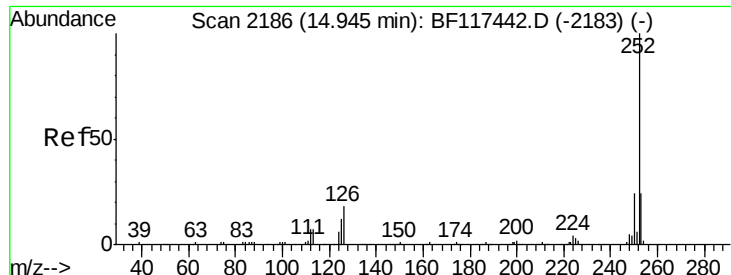


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 20.671 ng

RT: 14.94 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

ClientSampleId :

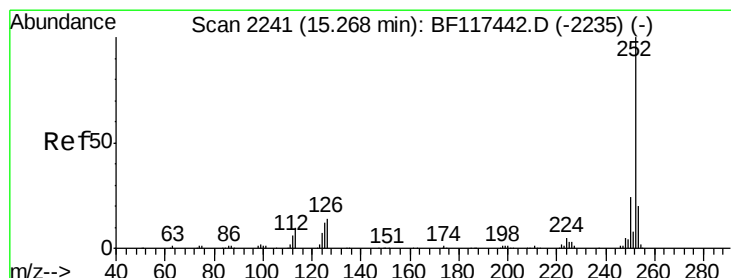
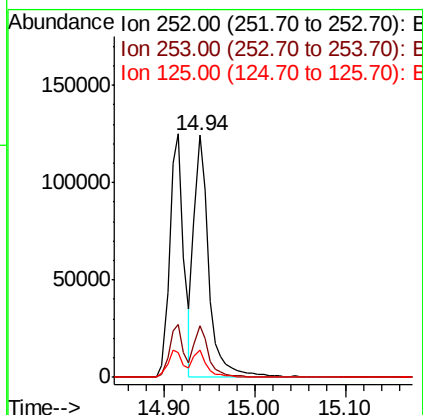
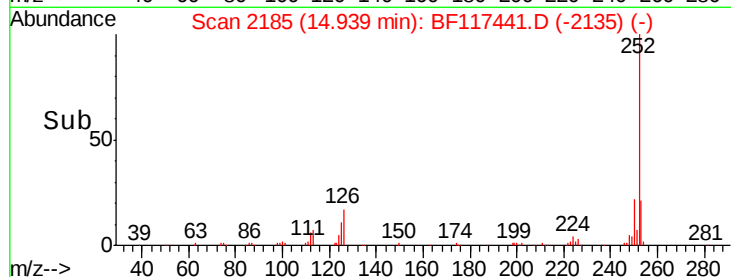
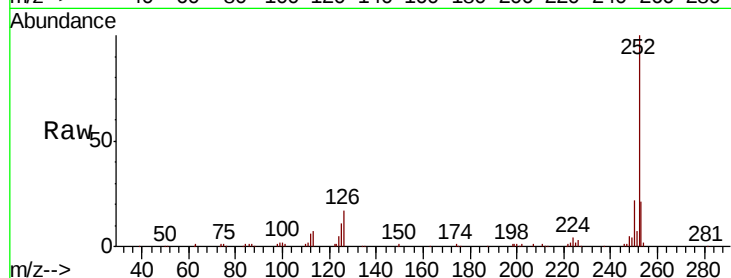
Tot Ion:252 Resp: 140429

Ion Ratio Lower Upper

252 100

253 21.2 18.0 27.0

125 11.2 8.9 13.3



#90

Benzo(a)pyrene

Concen: 20.016 ng

RT: 15.26 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

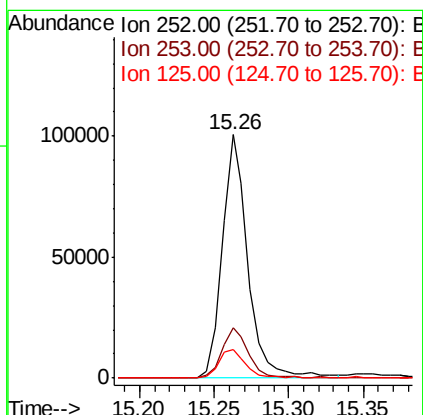
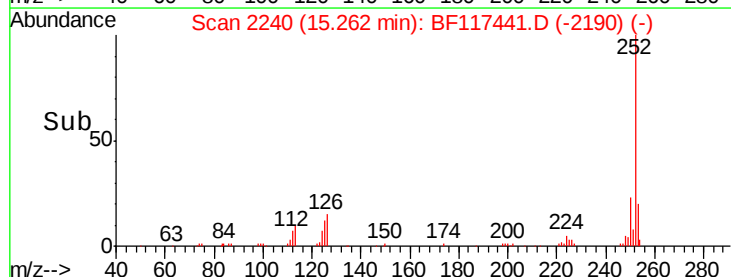
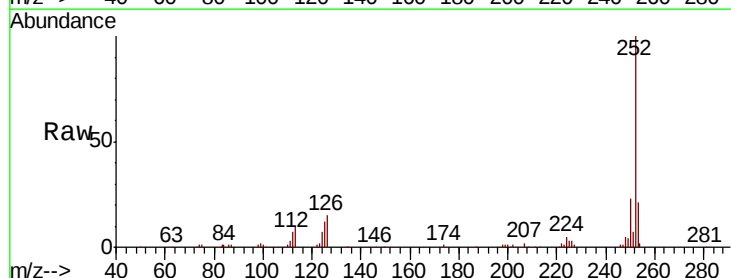
Tgt Ion:252 Resp: 121163

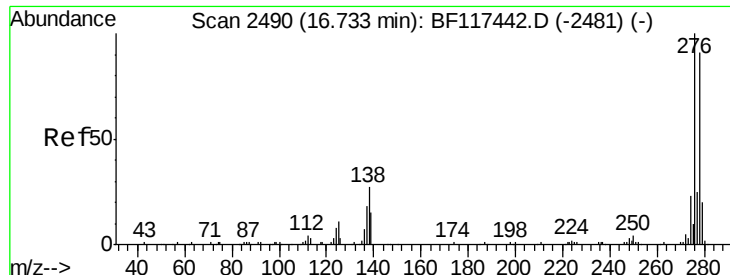
Ion Ratio Lower Upper

252 100

253 20.7 16.3 24.5

125 11.9 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 18.362 ng

RT: 16.73 min Scan# 2489

Delta R.T. -0.01 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

ClientSampleId :

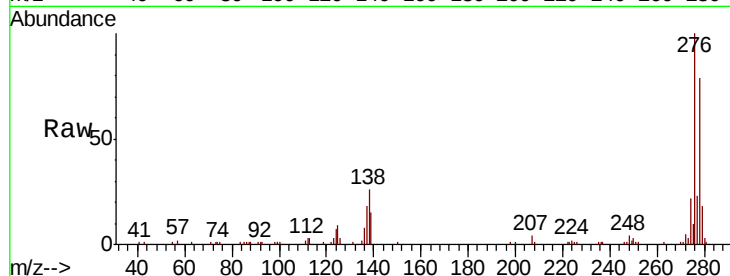
Tot Ion:278 Resp: 95243

Ion Ratio Lower Upper

278 100

139 19.3 13.4 20.0

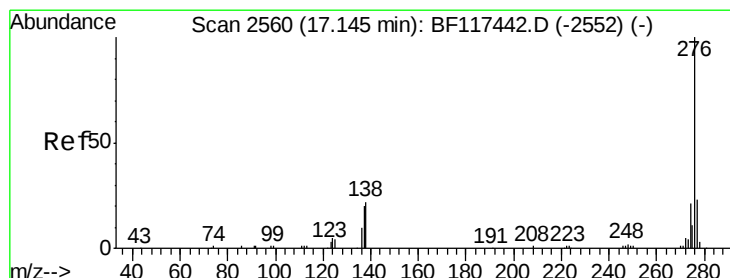
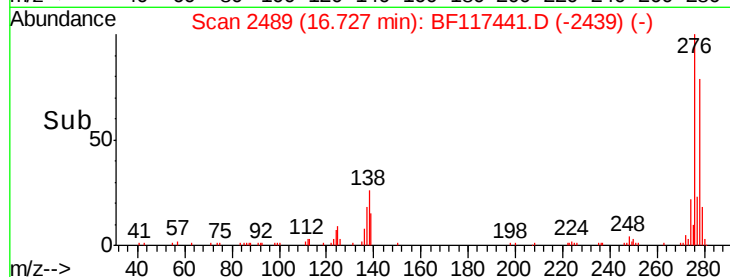
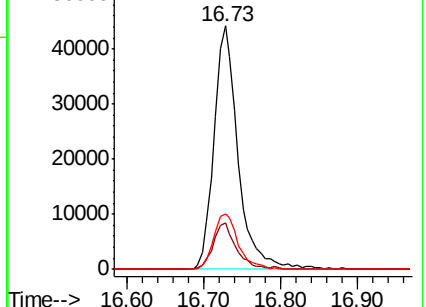
279 22.7 17.8 26.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 17.781 ng

RT: 17.14 min Scan# 2560

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

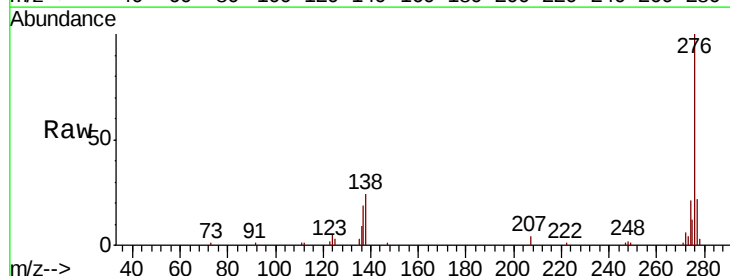
Tgt Ion:276 Resp: 87793

Ion Ratio Lower Upper

276 100

277 22.0 18.4 27.6

138 23.7 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

