

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101819\
 Data File : BF117447.D
 Acq On : 18 Oct 2019 18:53
 Operator : JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 23:15:04 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 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	45298	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	193295	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	100034	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	160482	20.00	ng	0.00
76) Chrysene-d12	13.90	240	116220	20.00	ng	0.00
87) Perylene-d12	15.34	264	102969	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	261187	85.78	ng	0.00
7) Phenol-d6	6.38	99	345366	84.45	ng	0.00
23) Nitrobenzene-d5	7.30	82	326529	83.40	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	74037	85.54	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	586713	82.64	ng	0.00
79) Terphenyl-d14	12.84	244	560241	78.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	54499	42.572	ng	98
3) Pyridine	3.12	79	132243	42.199	ng	96
4) n-Nitrosodimethylamine	3.08	42	49931	43.918	ng	98
6) Aniline	6.40	93	206101	42.927	ng	# 71
8) 2-Chlorophenol	6.52	128	135451	42.158	ng	99
9) Benzaldehyde	6.29	77	86299	44.720	ng	98
10) Phenol	6.39	94	177330	42.485	ng	87
11) bis(2-Chloroethyl)ether	6.47	93	128233	41.536	ng	97
12) 1,3-Dichlorobenzene	6.67	146	149391	41.666	ng	97
13) 1,4-Dichlorobenzene	6.75	146	156510	43.030	ng	100
14) 1,2-Dichlorobenzene	6.90	146	145970	42.575	ng	99
15) Benzyl Alcohol	6.89	79	124794	42.712	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	141982	42.631	ng	86
17) 2-Methylphenol	7.00	107	111990	42.371	ng	98
18) Hexachloroethane	7.24	117	59564	41.956	ng	92
19) n-Nitroso-di-n-propylamine	7.16	70	106104	42.483	ng	95
20) 3+4-Methylphenols	7.16	107	144161	41.601	ng	99
22) Acetophenone	7.15	105	216229	42.128	ng	97
24) Nitrobenzene	7.32	77	156221	41.657	ng	99
25) Isophorone	7.56	82	284829	42.052	ng	98
26) 2-Nitrophenol	7.64	139	70023	41.865	ng	98
27) 2,4-Dimethylphenol	7.68	122	106902	42.767	ng	96
28) bis(2-Chloroethoxy)methane	7.77	93	176553	42.242	ng	99
29) 2,4-Dichlorophenol	7.89	162	109202	41.651	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	118914	42.265	ng	99
31) Naphthalene	8.04	128	406314	42.408	ng	99
32) Benzoic acid	7.84	122	70650	41.265	ng	96
33) 4-Chloroaniline	8.09	127	167144	41.336	ng	99
34) Hexachlorobutadiene	8.16	225	68011	41.763	ng	97
35) Caprolactam	8.47	113	37319	44.310	ng	98
36) 4-Chloro-3-methylphenol	8.59	107	124073	41.495	ng	100
37) 2-Methylnaphthalene	8.73	142	274133	42.462	ng	99
38) 1-Methylnaphthalene	8.83	142	256910	42.349	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	114211	42.390	ng	99

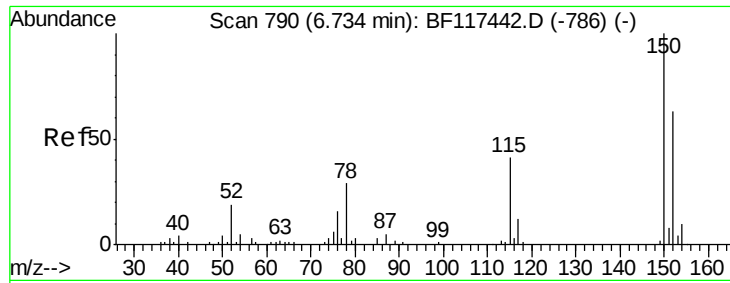
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101819\
 Data File : BF117447.D
 Acq On : 18 Oct 2019 18:53
 Operator : JU
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	20717	39.994	nq	97
43) 2,4,6-Trichlorophenol	9.02	196	71051	42.111	nq	98
44) 2,4,5-Trichlorophenol	9.06	196	72027	42.128	nq	97
46) 1,1'-Biphenyl	9.19	154	342963	41.413	nq	99
47) 2-Chloronaphthalene	9.22	162	261256	41.841	nq	98
48) 2-Nitroaniline	9.32	65	86531	42.214	nq	93
49) Acenaphthylene	9.63	152	384418	41.914	nq	99
50) Dimethylphthalate	9.50	163	299962	42.062	nq	98
51) 2,6-Dinitrotoluene	9.56	165	62513	42.008	nq	94
52) Acenaphthene	9.80	154	232186	41.263	nq	99
53) 3-Nitroaniline	9.73	138	75138	41.614	nq	99
54) 2,4-Dinitrophenol	9.86	184	26237	44.722	nq	94
55) Dibenzofuran	9.97	168	341981	41.948	nq	99
56) 4-Nitrophenol	9.92	139	31902	40.532	nq	97
57) 2,4-Dinitrotoluene	9.97	165	82987	41.944	nq	96
58) Fluorene	10.32	166	279878	41.514	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	55624	41.394	nq	96
60) Diethylphthalate	10.19	149	296927	41.165	nq	98
61) 4-Chlorophenyl-phenylether	10.31	204	128053	42.336	nq	91
62) 4-Nitroaniline	10.35	138	73960	43.458	nq	98
63) Azobenzene	10.47	77	306903	41.563	nq	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	34057	41.740	nq	96
66) n-Nitrosodiphenylamine	10.43	169	238791	40.701	nq	97
67) 4-Bromophenyl-phenylether	10.80	248	71401	41.306	nq	91
68) Hexachlorobenzene	10.87	284	75556	40.814	nq	# 87
69) Atrazine	10.96	200	59684	39.984	nq	96
70) Pentachlorophenol	11.07	266	22749	40.992	nq	93
71) Phenanthrene	11.28	178	386763	41.504	nq	99
72) Anthracene	11.33	178	396682	41.488	nq	100
73) Carbazole	11.49	167	366248	41.915	nq	99
74) Di-n-butylphthalate	11.82	149	483386	41.402	nq	98
75) Fluoranthene	12.47	202	392466	42.071	nq	97
77) Benzidine	12.59	184	123876	36.231	nq	96
78) Pyrene	12.70	202	393099	39.378	nq	99
80) Butylbenzylphthalate	13.30	149	199211	40.102	nq	96
81) Benzo(a)anthracene	13.89	228	324839	41.436	nq	98
82) 3,3'-Dichlorobenzidine	13.84	252	103054	41.892	nq	97
83) Chrysene	13.93	228	317568	41.333	nq	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	289615	41.619	nq	# 97
85) Di-n-octyl phthalate	14.49	149	458067	42.814	nq	100
86) Indeno(1,2,3-cd)pyrene	16.75	276	223618	38.983	nq	100
88) Benzo(b)fluoranthene	14.93	252	266370	43.808	nq	99
89) Benzo(k)fluoranthene	14.96	252	249639	40.057	nq	99
90) Benzo(a)pyrene	15.28	252	229854	41.577	nq	100
91) Dibenzo(a,h)anthracene	16.75	278	194028	40.589	nq	98
92) Benzo(g,h,i)perylene	17.17	276	179917	39.779	nq	99

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

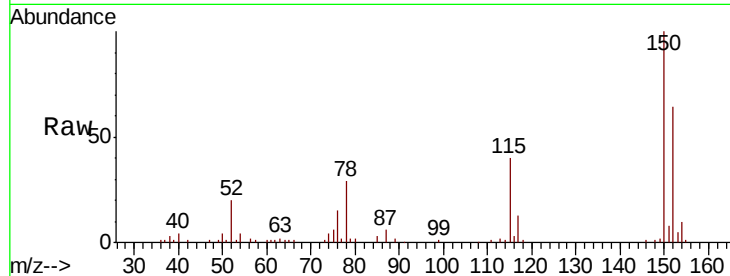


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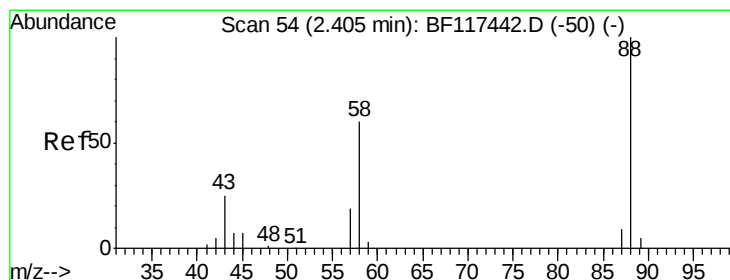
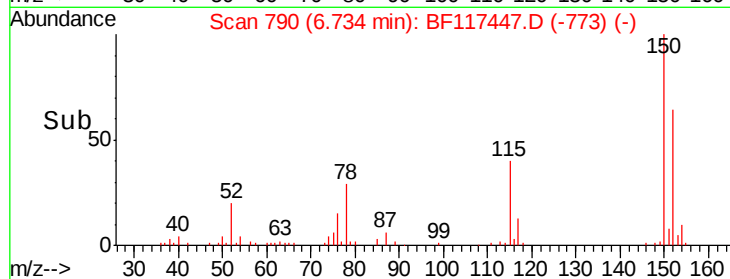
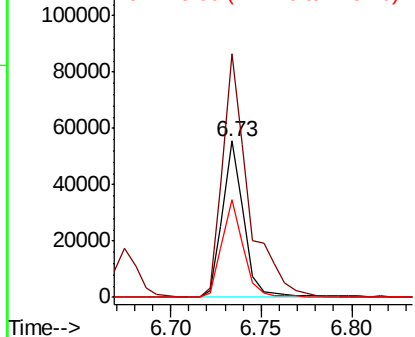
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 45298
Ion Ratio Lower Upper
152 100
150 155.7 126.8 190.2
115 62.7 51.6 77.4



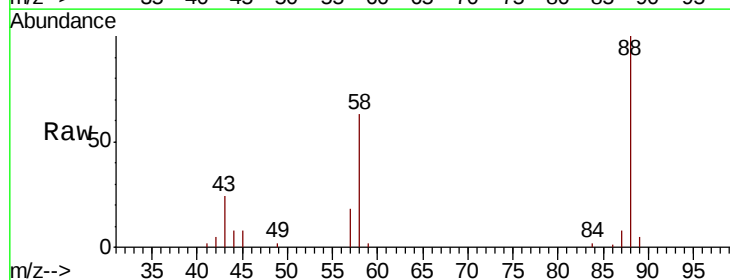
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



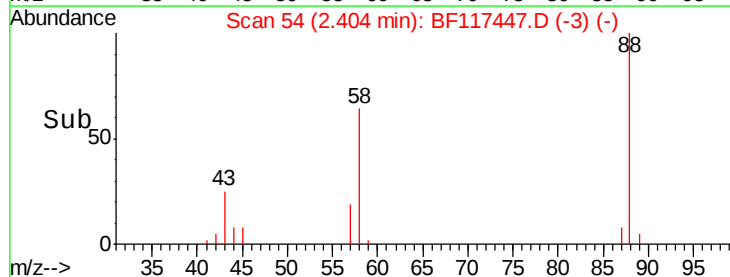
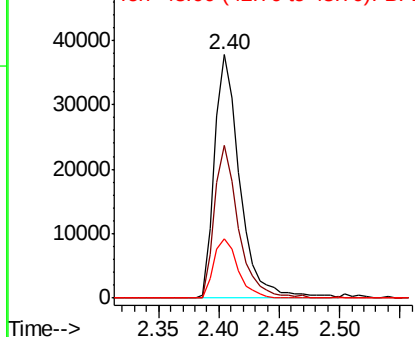
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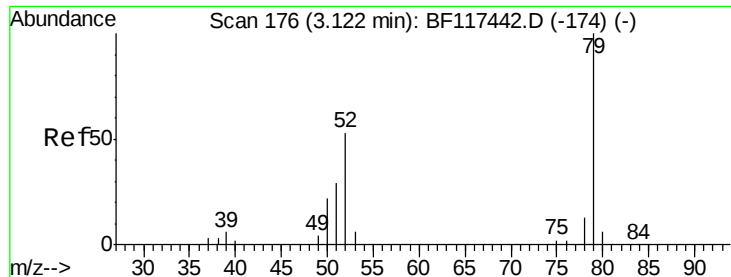
1,4-Dioxane
Concen: 42.572 ng
RT: 2.40 min Scan# 54
Delta R.T. -0.00 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

Tgt Ion: 88 Resp: 54499
Ion Ratio Lower Upper
88 100
58 59.3 48.8 73.2
43 23.1 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: 42.199 ng

RT: 3.12 min Scan# 176

Delta R.T. -0.00 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

Instrument :

BNA_F

ClientSampled :

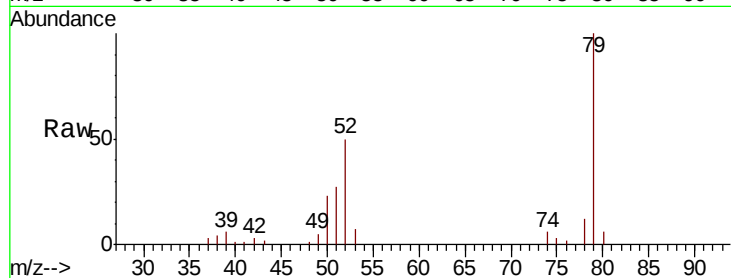
Tot Ion: 79 Resp: 132243

Ion Ratio Lower Upper

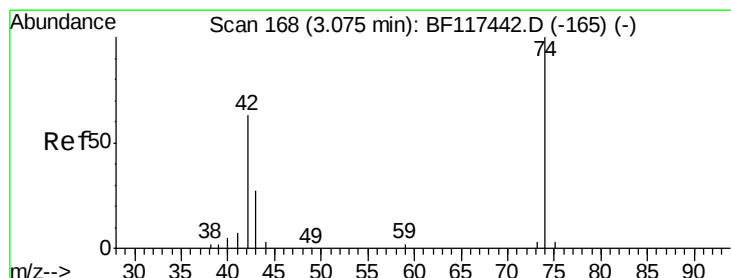
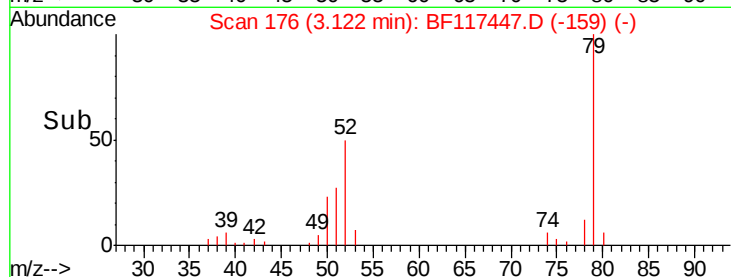
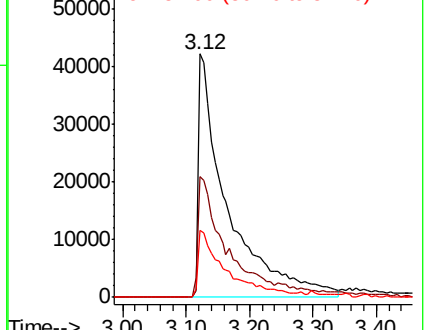
79 100

52 49.8 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: 43.918 ng

RT: 3.08 min Scan# 168

Delta R.T. -0.00 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

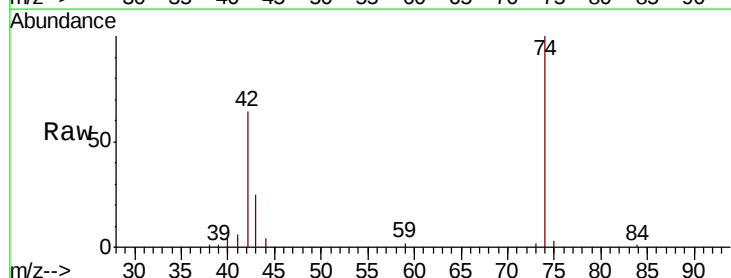
Tgt Ion: 42 Resp: 49931

Ion Ratio Lower Upper

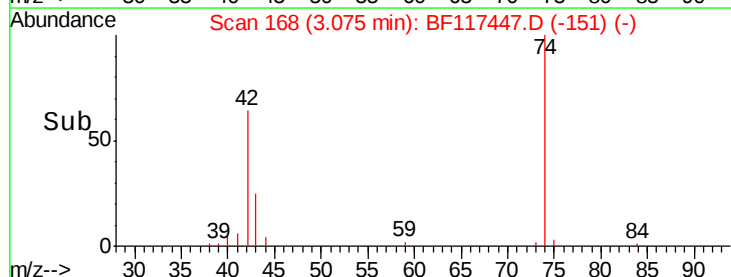
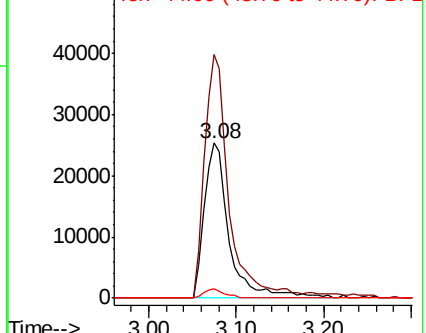
42 100

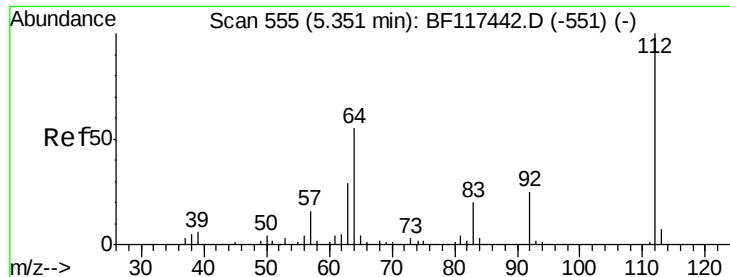
74 157.4 124.2 186.4

44 6.1 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: 85.781 ng

RT: 5.35 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

Instrument :

BNA_F

ClientSampled :

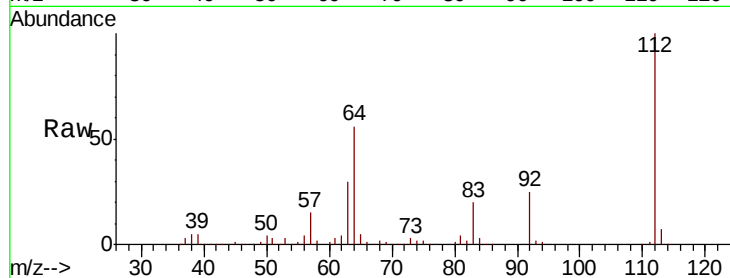
Tot Ion: 112 Resp: 261187

Ion Ratio Lower Upper

112 100

64 55.9 44.1 66.1

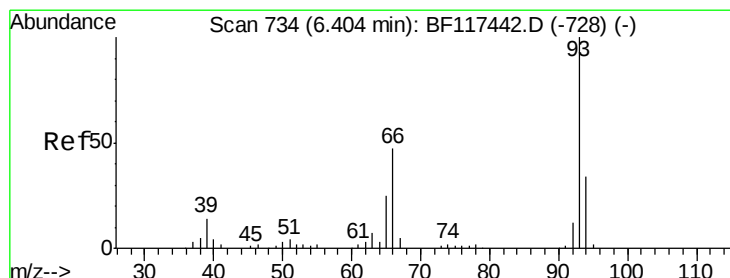
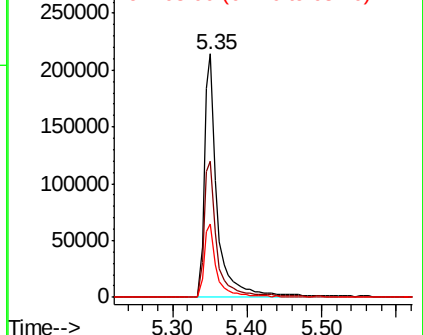
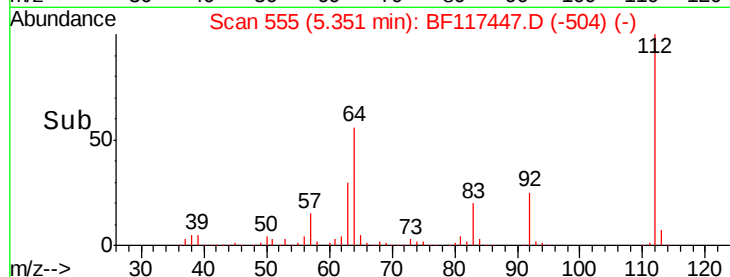
63 30.1 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 42.927 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

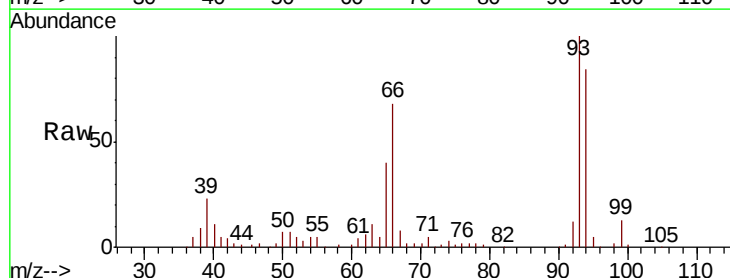
Tgt Ion: 93 Resp: 206101

Ion Ratio Lower Upper

93 100

66 67.9 38.7 58.1#

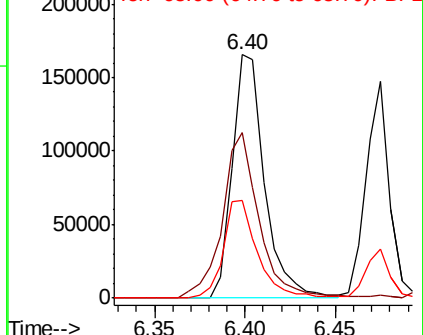
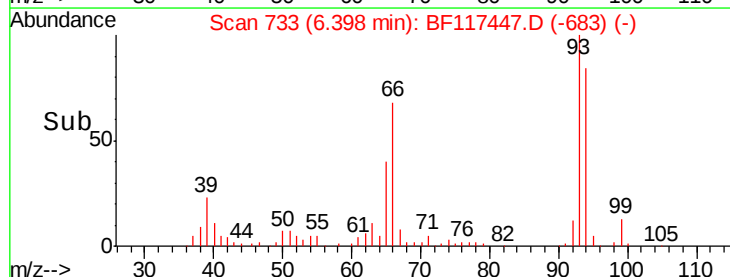
65 40.2 20.1 30.1#

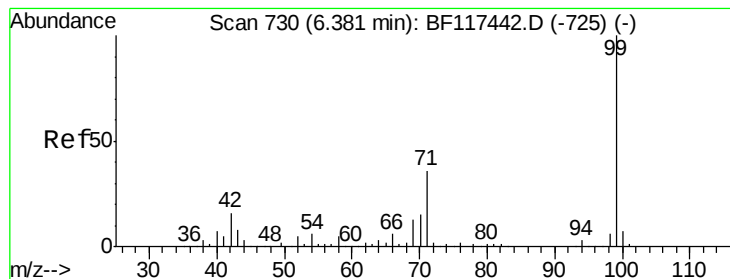


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.451 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

Instrument :

BNA_F

ClientSampleId :

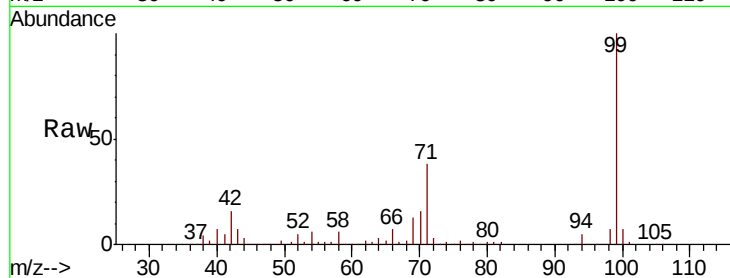
Tot Ion: 99 Resp: 345366

Ion Ratio Lower Upper

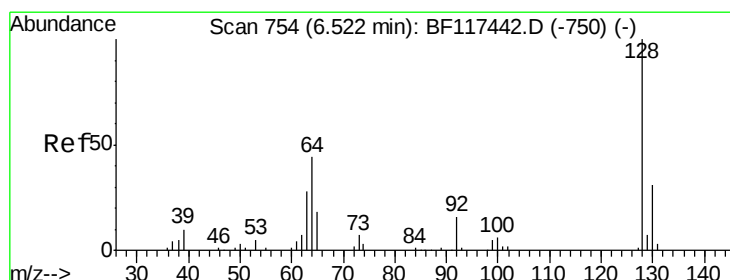
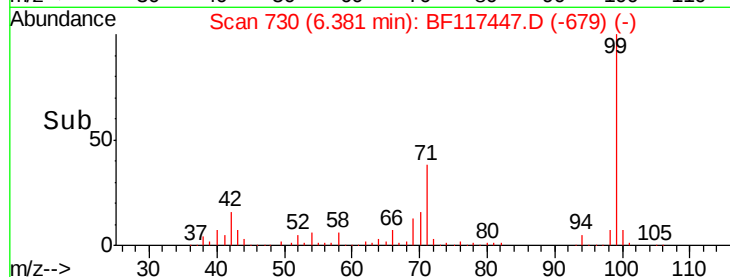
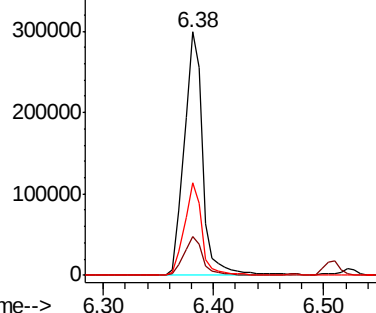
99 100

42 16.0 12.8 19.2

71 38.1 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: 42.158 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

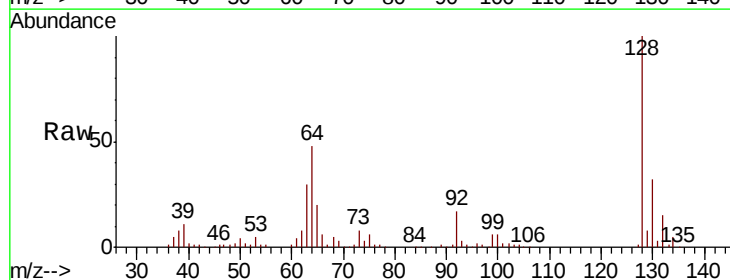
Tgt Ion: 128 Resp: 135451

Ion Ratio Lower Upper

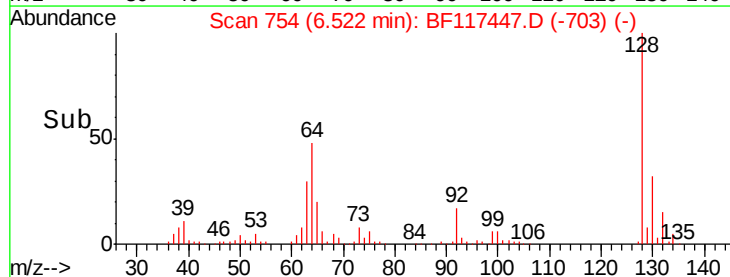
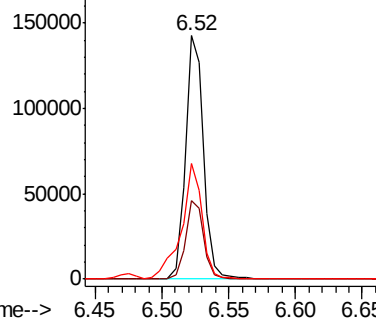
128 100

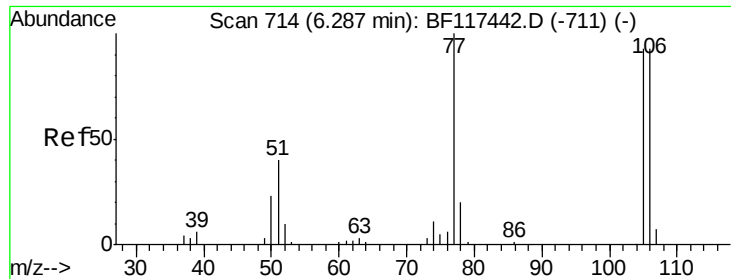
130 32.4 11.1 51.1

64 47.6 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

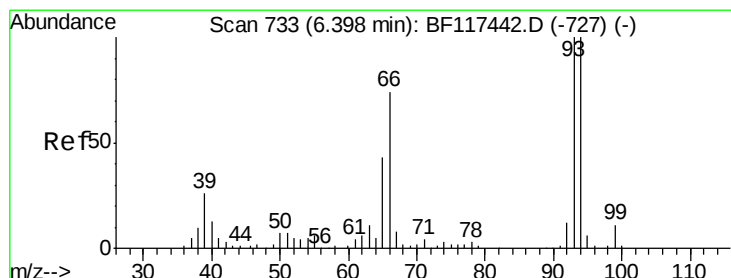
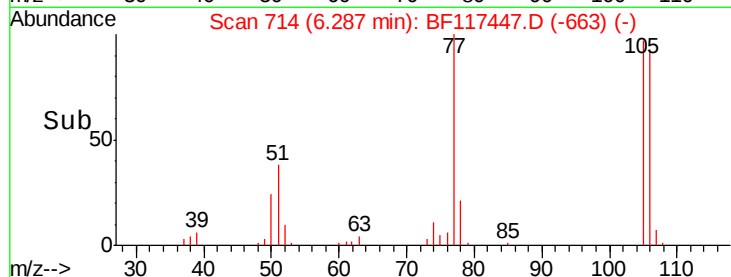
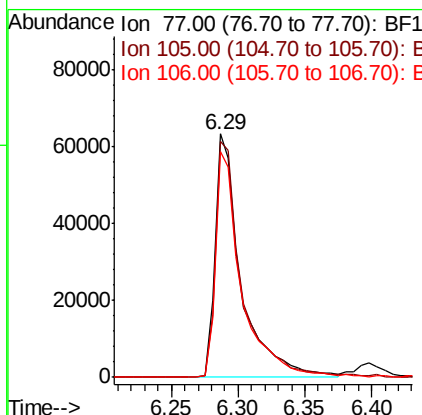
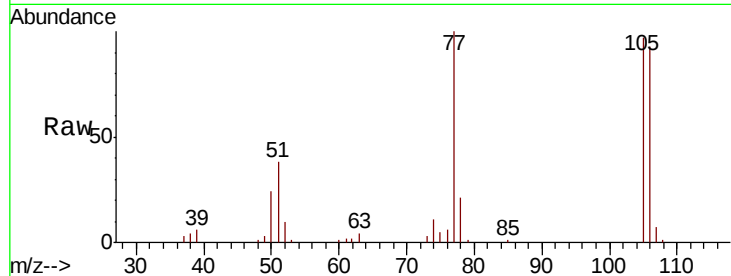




#9
Benzaldehyde
Concen: 44.720 ng
RT: 6.29 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

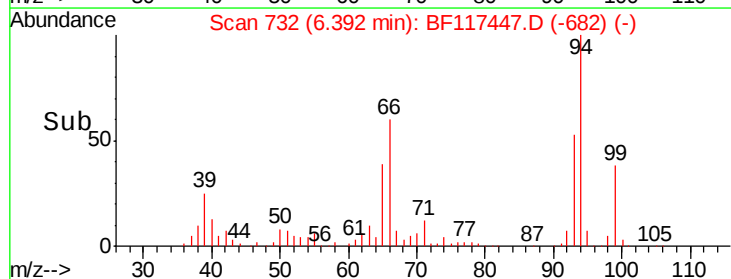
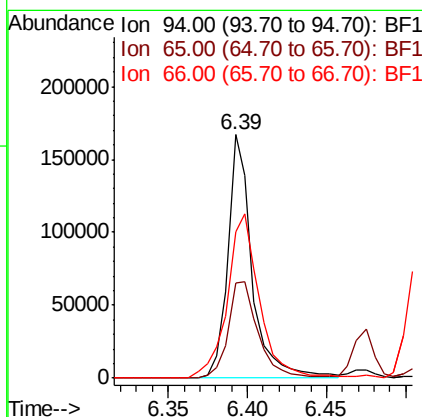
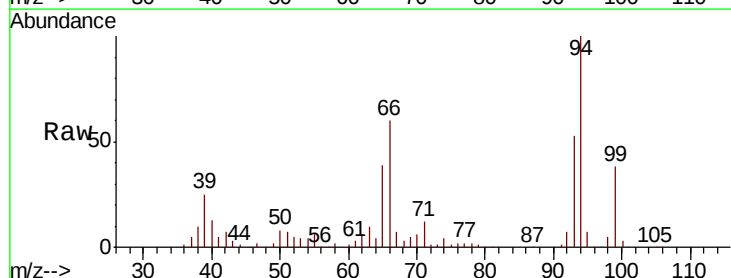
Instrument :
BNA_F
ClientSampleId :

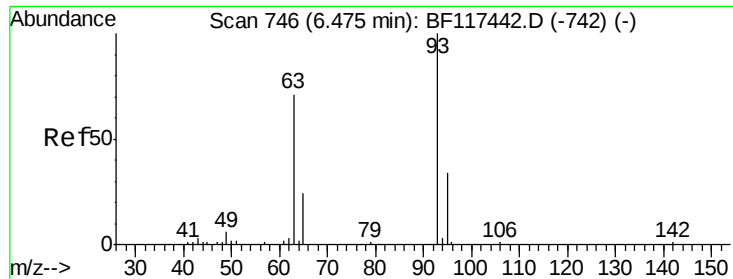
Tot Ion: 77 Resp: 86299
Ion Ratio Lower Upper
77 100
105 97.1 73.4 113.4
106 92.9 73.0 113.0



#10
Phenol
Concen: 42.485 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

Tgt Ion: 94 Resp: 177330
Ion Ratio Lower Upper
94 100
65 39.1 23.4 63.4
66 60.1 54.7 94.7





#11

bis(2-Chloroethyl)ether

Concen: 41.536 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

Instrument :

BNA_F

ClientSampleId :

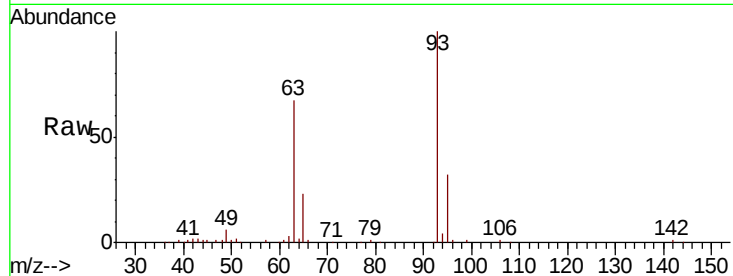
Tot Ion: 93 Resp: 128233

Ion Ratio Lower Upper

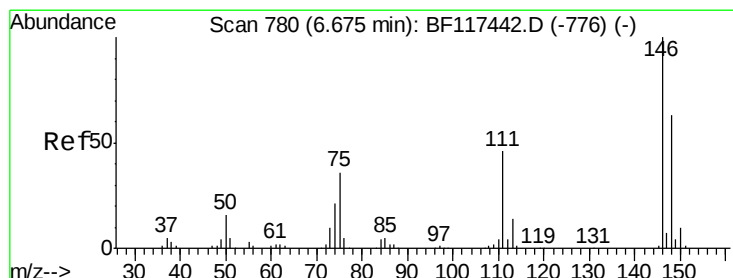
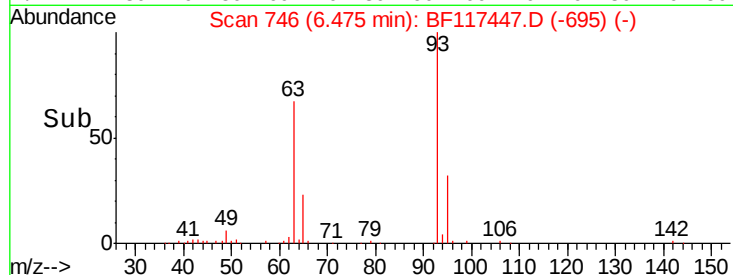
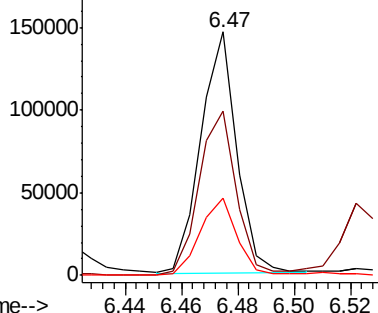
93 100

63 67.4 50.2 90.2

95 31.9 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: 41.666 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

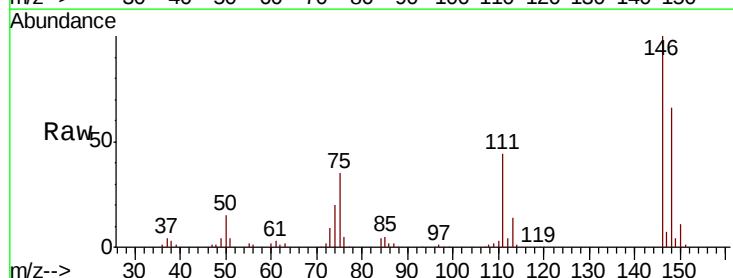
Tgt Ion: 146 Resp: 149391

Ion Ratio Lower Upper

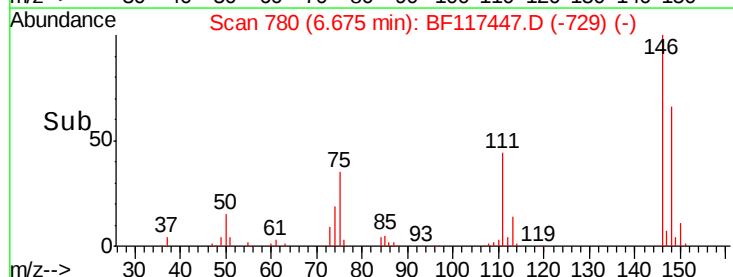
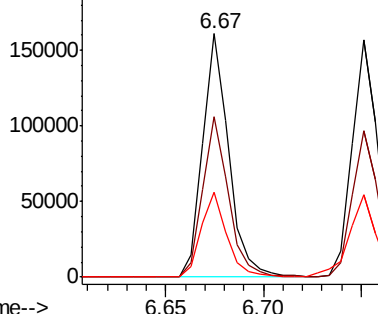
146 100

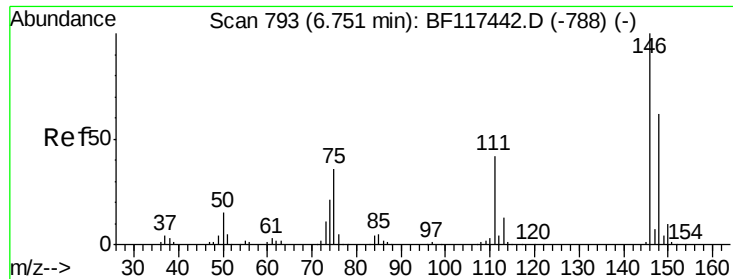
148 65.9 50.6 75.8

75 34.8 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

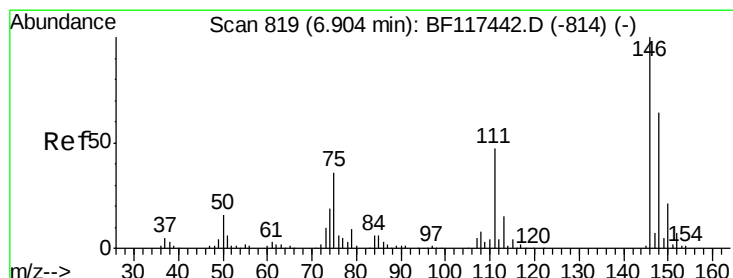
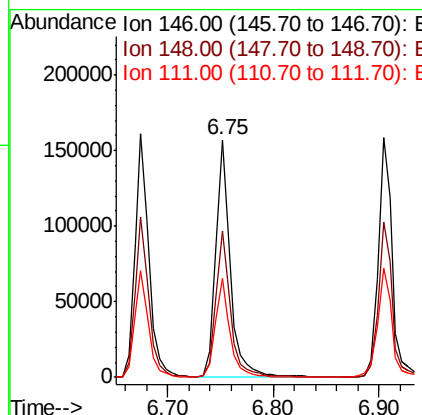
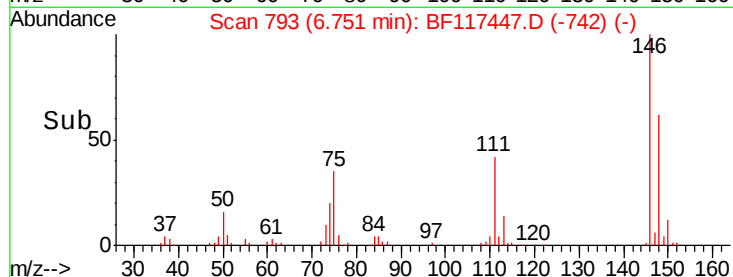
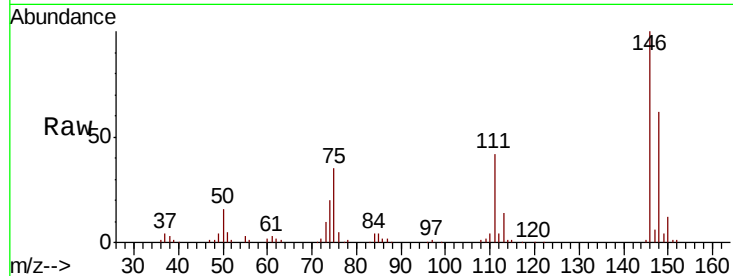




#13
 1,4-Dichlorobenzene
 Concen: 43.030 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF117447.D
 Acq: 18 Oct 2019 18:53

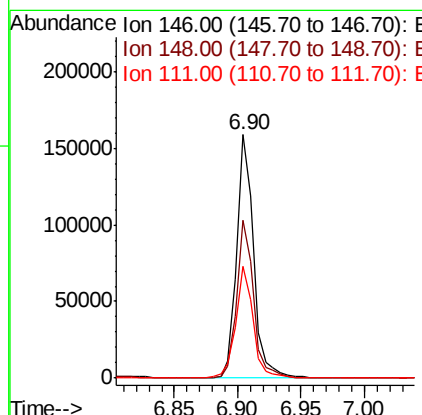
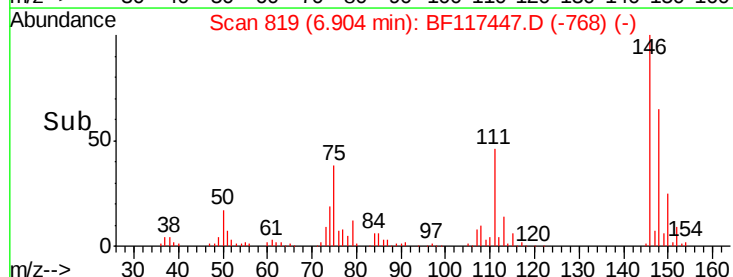
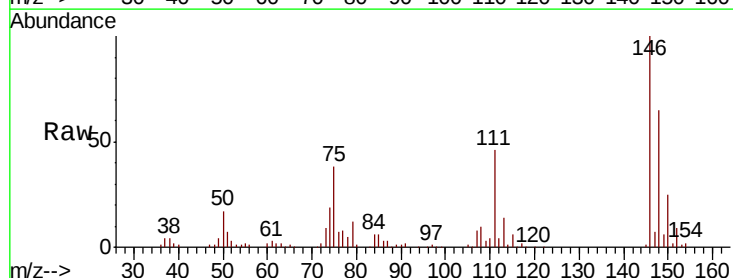
Instrument :
 BNA_F
 ClientSampleId :

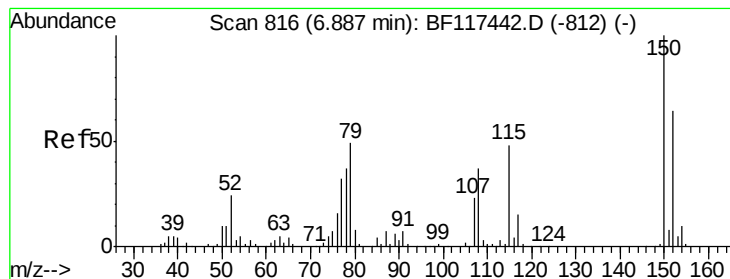
Tot Ion:146 Resp: 156510
 Ion Ratio Lower Upper
 146 100
 148 61.7 49.3 73.9
 111 41.9 33.6 50.4



#14
 1,2-Dichlorobenzene
 Concen: 42.575 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF117447.D
 Acq: 18 Oct 2019 18:53

Tgt Ion:146 Resp: 145970
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.4 77.0
 111 45.7 37.7 56.5





#15

Benzyl Alcohol

Concen: 42.712 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

Instrument :

BNA_F

ClientSampleId :

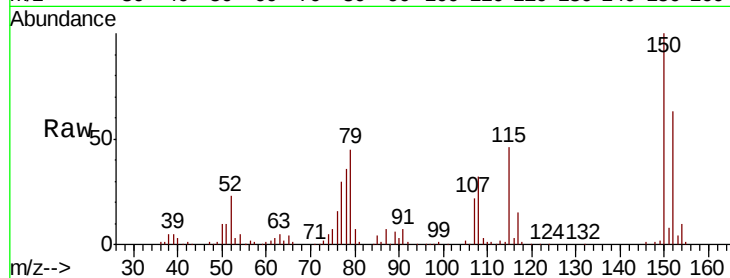
Tot Ion: 79 Resp: 124794

Ion Ratio Lower Upper

79 100

108 71.3 59.8 89.8

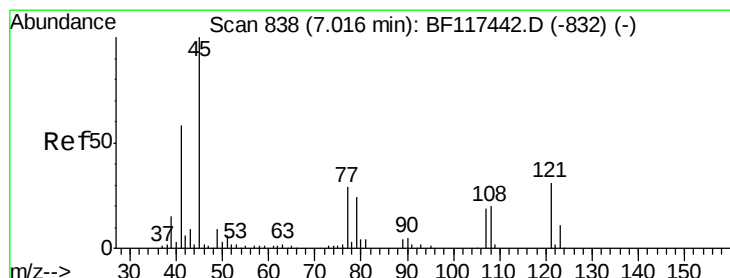
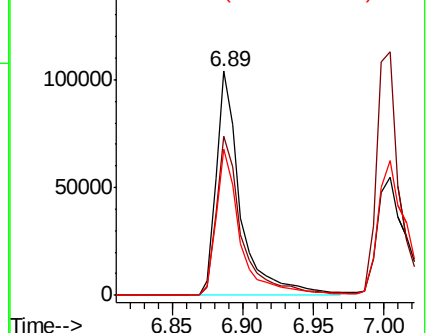
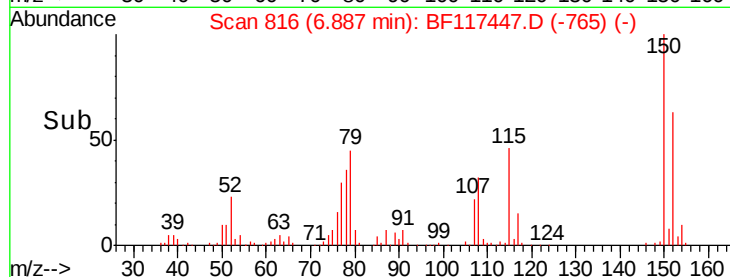
77 65.5 51.4 77.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.631 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

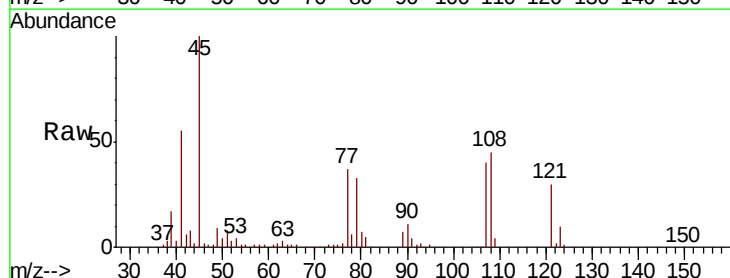
Tgt Ion: 45 Resp: 141982

Ion Ratio Lower Upper

45 100

77 37.5 9.9 49.9

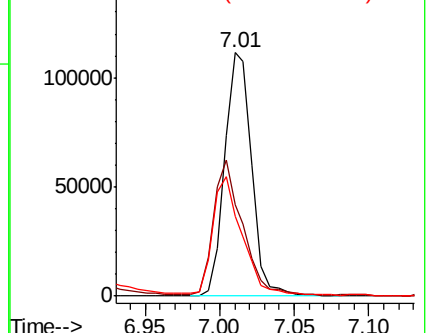
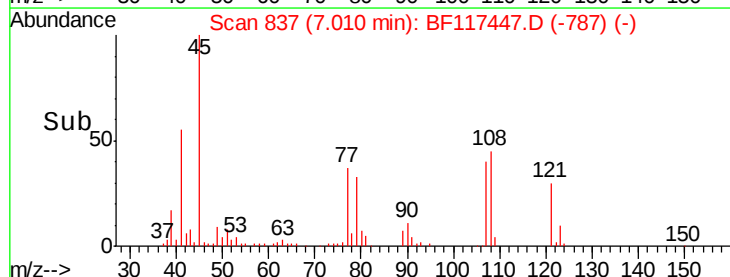
79 32.9 5.5 45.5

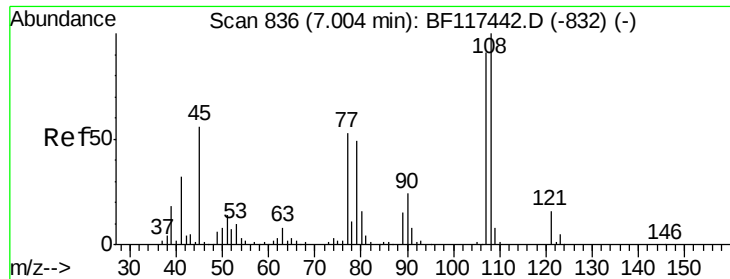


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

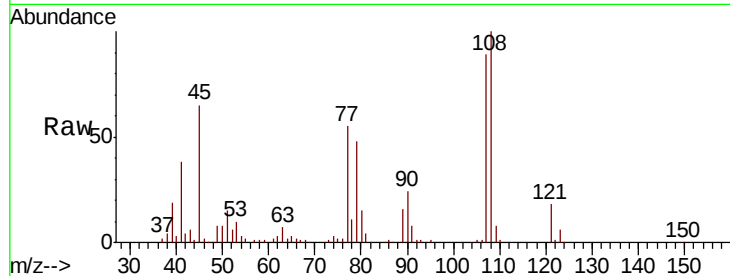




#17
2-Methylphenol
Concen: 42.371 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.2	88.0	132.0
77	62.1	47.2	70.8
79	54.4	44.1	66.1



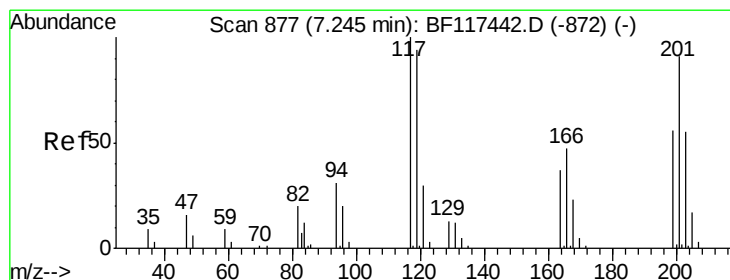
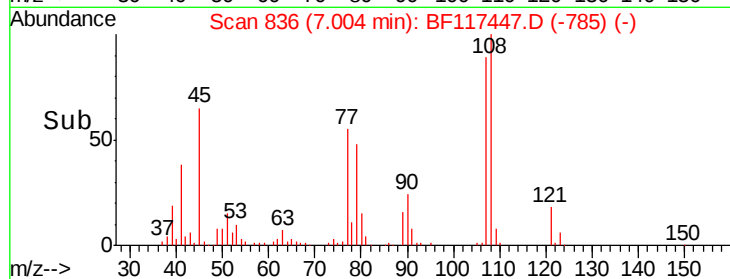
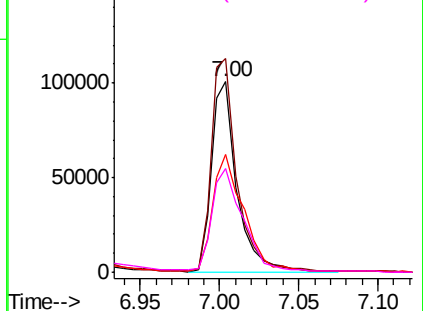
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

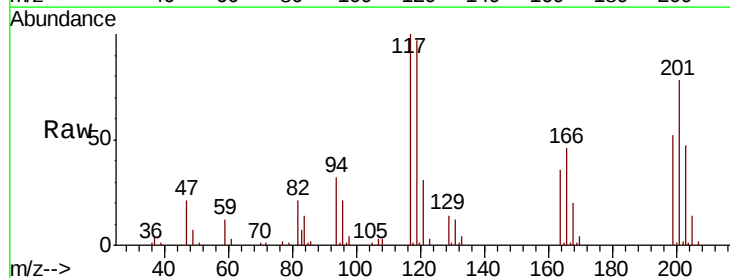
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.956 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.4	113.0
201	78.5	72.5	108.7

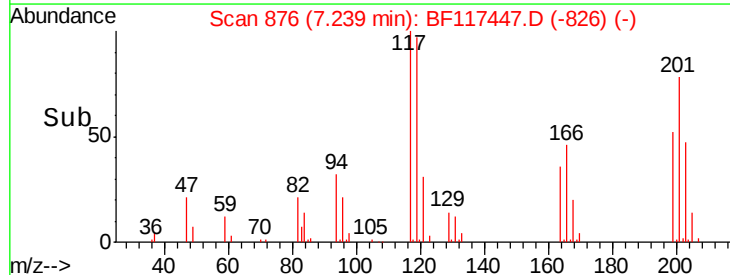
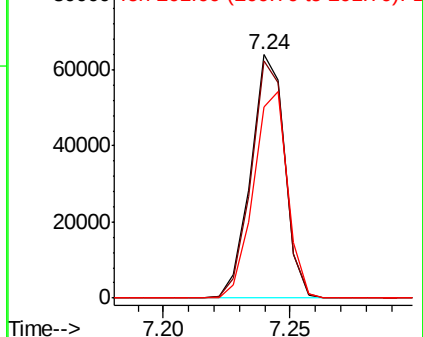


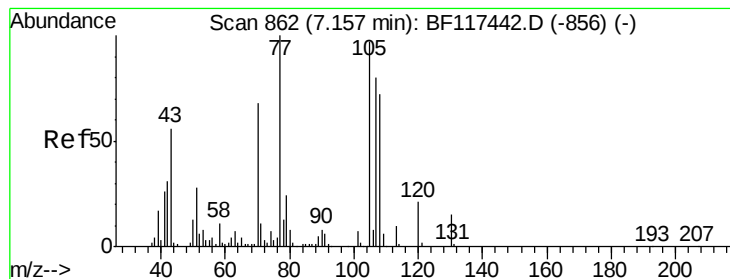
Abundance

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: 42.483 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 106104

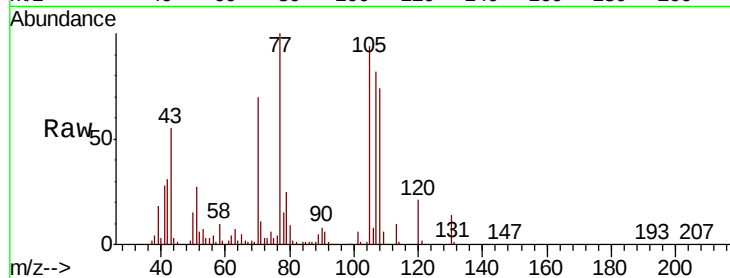
Ion Ratio Lower Upper

70 100

42 43.4 36.7 55.1

101 9.0 8.3 12.5

130 19.5 18.1 27.1

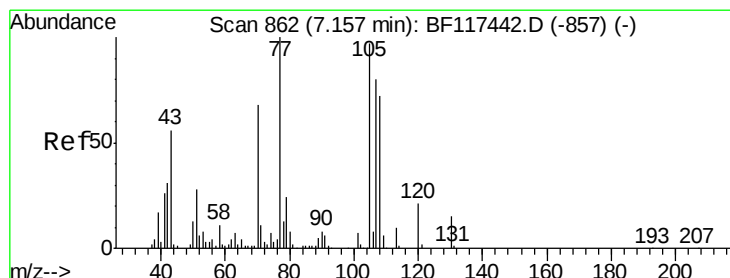
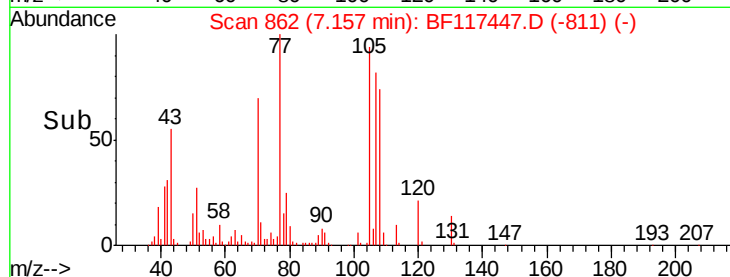
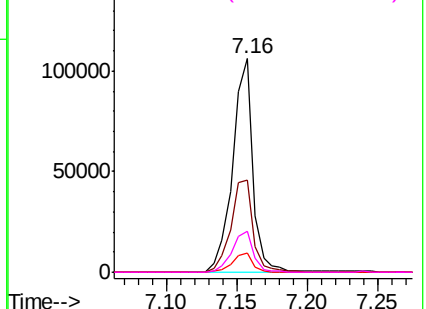


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 41.601 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

Tgt Ion:107 Resp: 144161

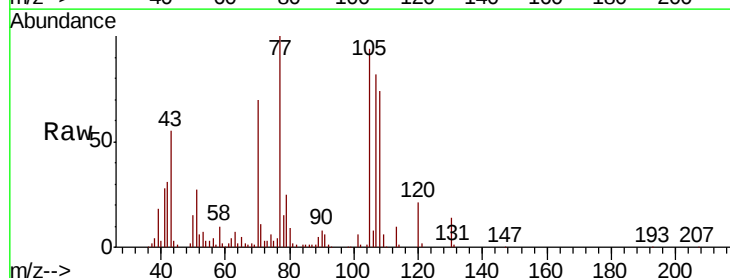
Ion Ratio Lower Upper

107 100

108 91.0 70.3 110.3

77 122.5 104.8 144.8

79 30.1 10.0 50.0

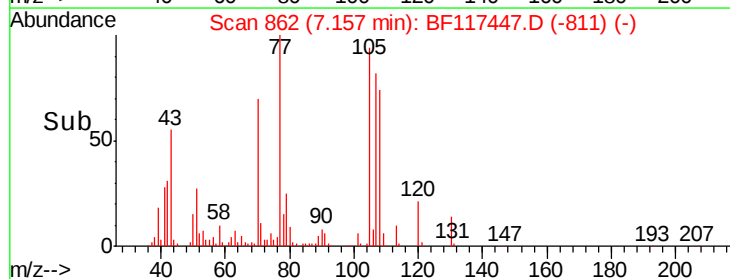
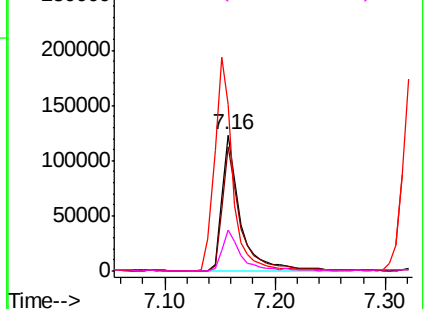


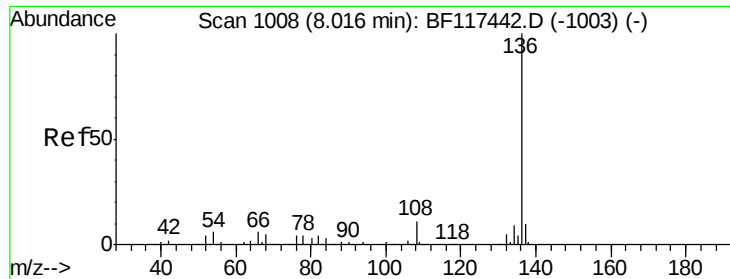
Abundance Ion 107.00 (106.70 to 107.70): E

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

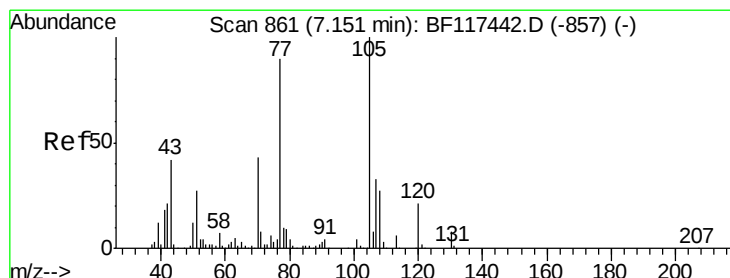
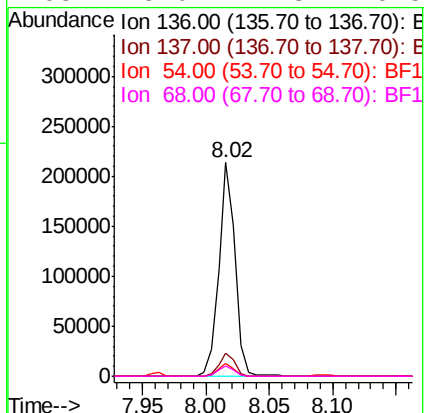
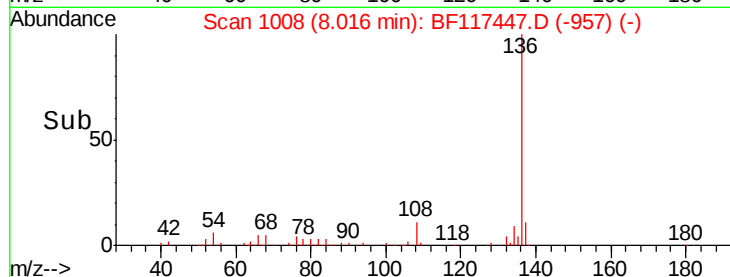
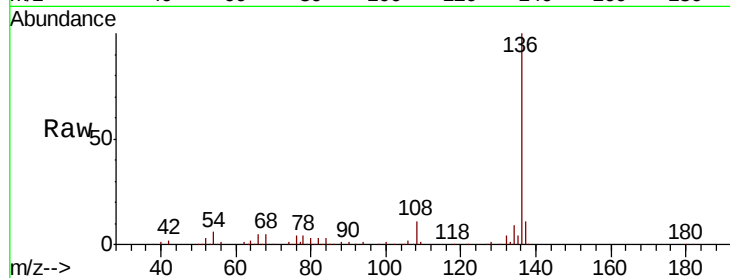




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

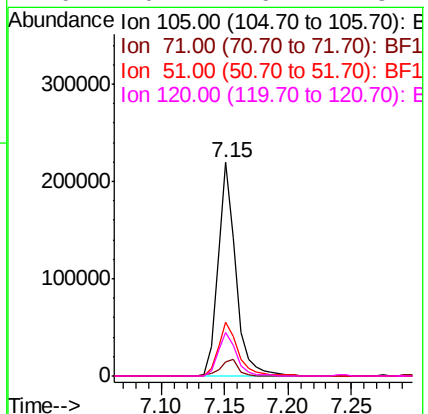
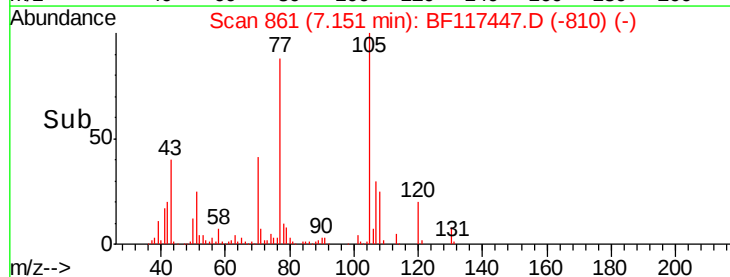
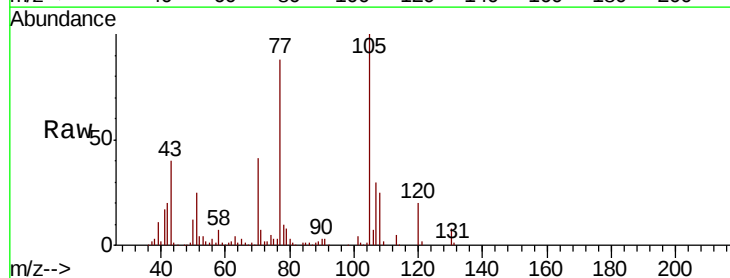
Instrument :
BNA_F
ClientSampleId :

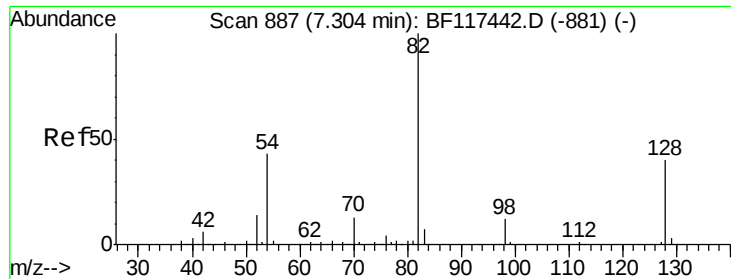
Tot Ion:136	Resp:	193295
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.2	12.4
54 5.8	4.5	6.7
68 5.0	4.3	6.5



#22
Acetophenone
Concen: 42.128 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

Tgt Ion:105	Resp:	216229
Ion Ratio	Lower	Upper
105 100		
71 6.8	6.2	9.2
51 25.2	21.8	32.6
120 20.4	16.7	25.1

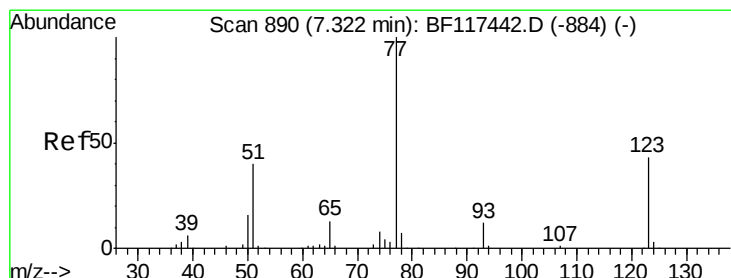
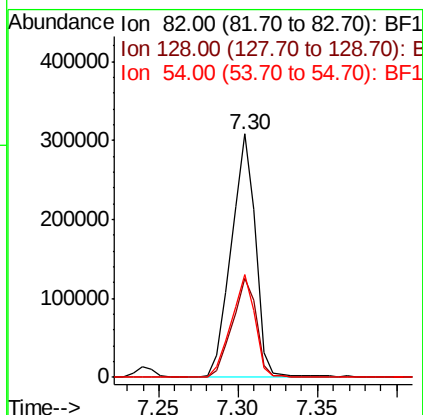
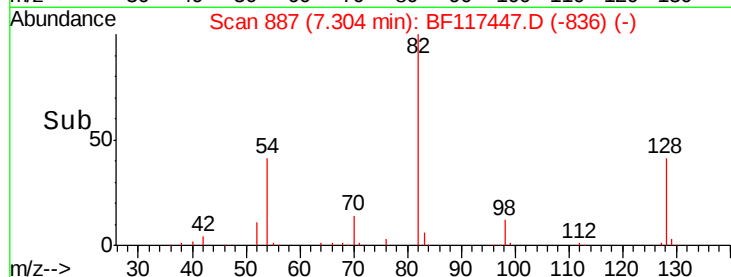
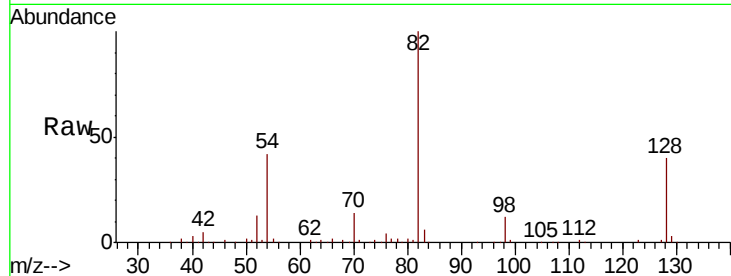




#23
Nitrobenzene-d5
Concen: 83.396 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

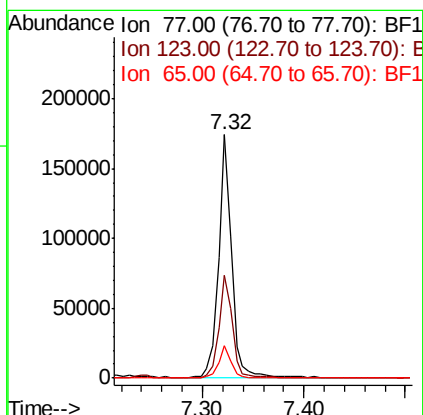
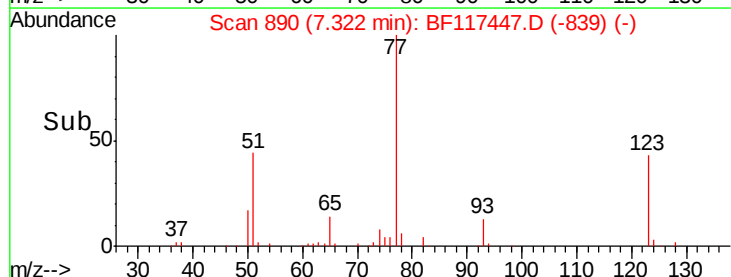
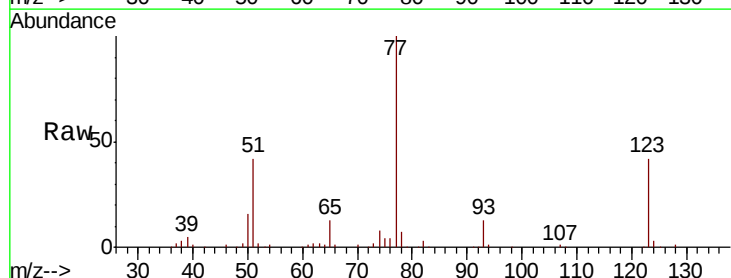
Instrument :
BNA_F
ClientSampleId :

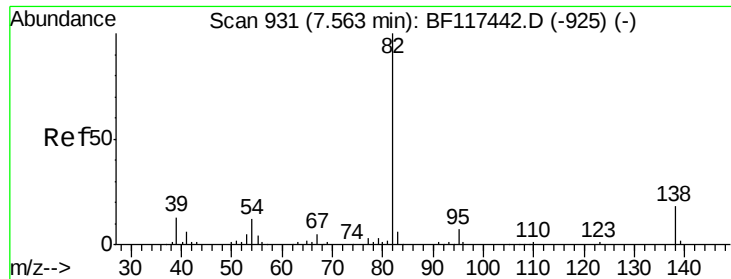
Tot Ion	82	Resp	326529
Ion Ratio	100	Lower	Upper
128	40.5	32.2	48.2
54	42.5	34.2	51.2



#24
Nitrobenzene
Concen: 41.657 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

Tgt Ion	77	Resp	156221
Ion Ratio	100	Lower	Upper
123	42.3	34.2	51.2
65	13.3	10.3	15.5





#25

Isophorone

Concen: 42.052 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

Instrument :

BNA_F

ClientSampleId :

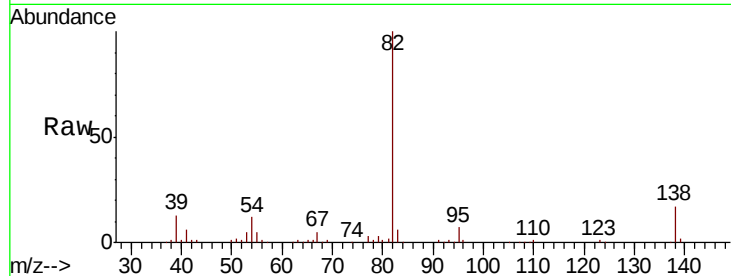
Tot Ion: 82 Resp: 284829

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.0

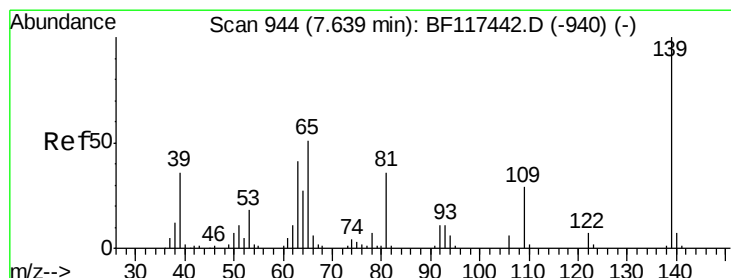
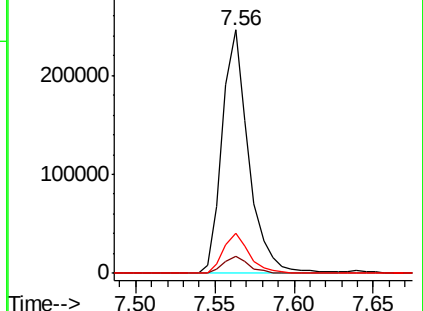
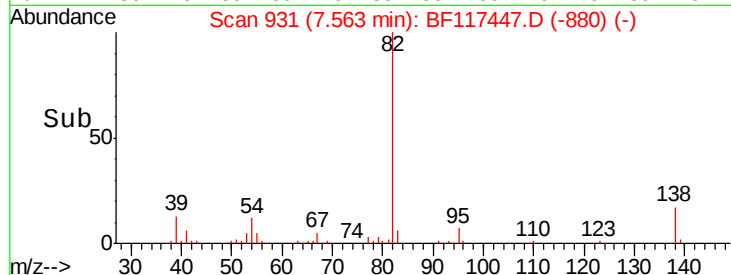
138 16.5 14.2 21.2



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: 41.865 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

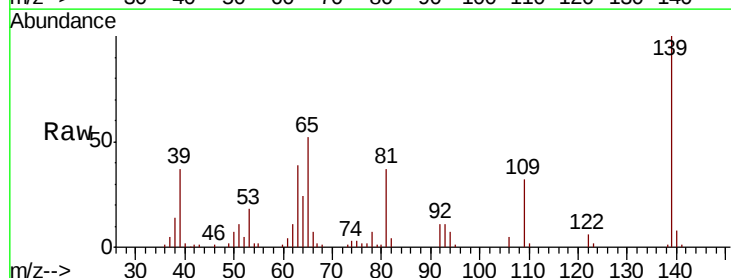
Tgt Ion: 139 Resp: 70023

Ion Ratio Lower Upper

139 100

109 31.5 23.2 34.8

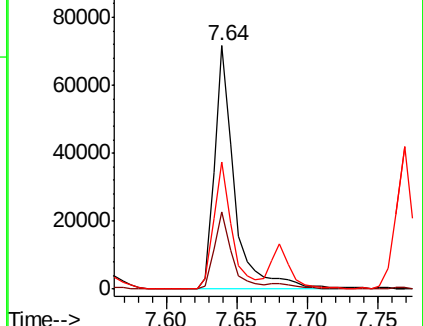
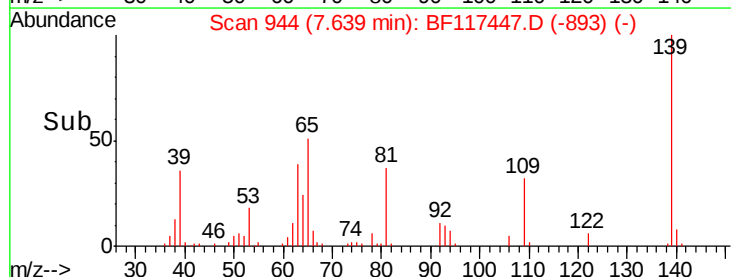
65 52.2 41.1 61.7

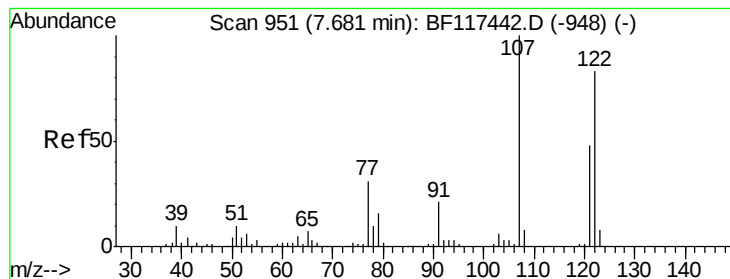


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 42.767 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

Instrument :

BNA_F

ClientSampleId :

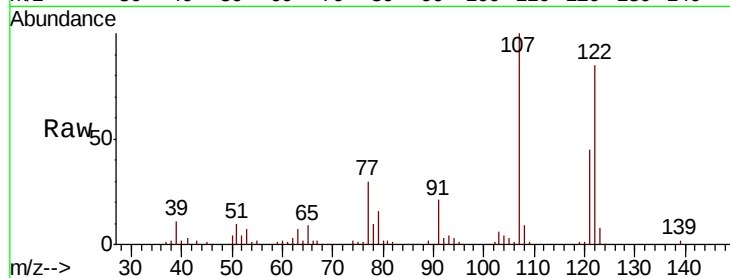
Tot Ion:122 Resp: 106902

Ion Ratio Lower Upper

122 100

107 117.7 96.8 145.2

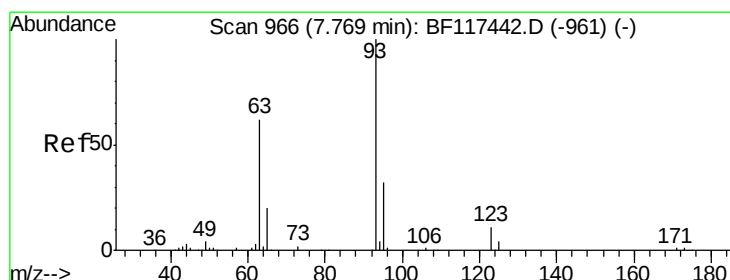
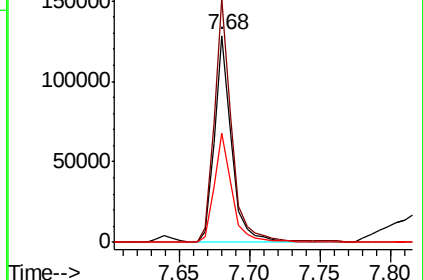
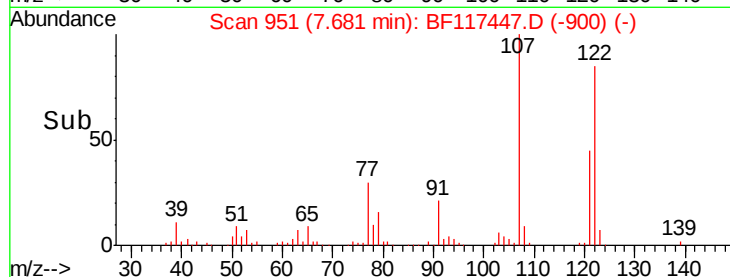
121 52.9 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.242 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

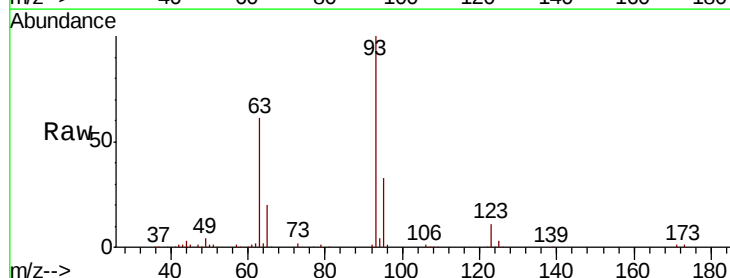
Tgt Ion: 93 Resp: 176553

Ion Ratio Lower Upper

93 100

95 32.5 25.5 38.3

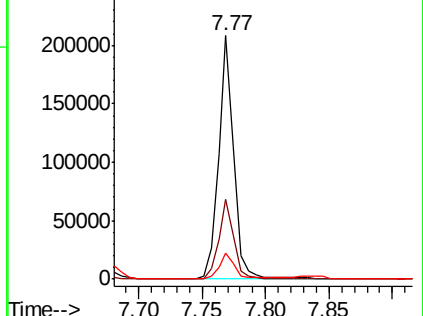
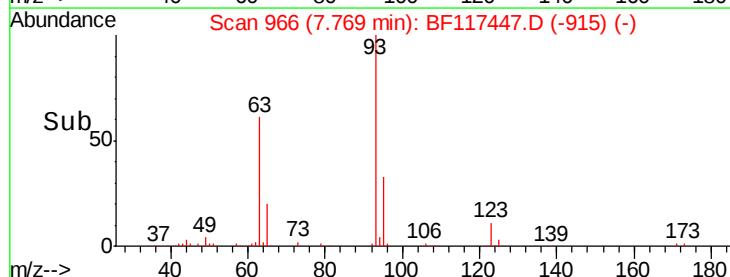
123 10.8 9.0 13.6

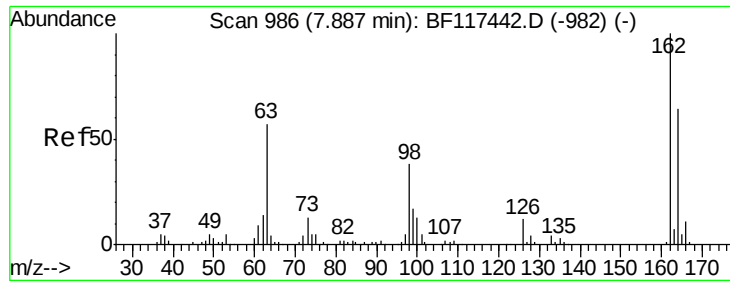


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

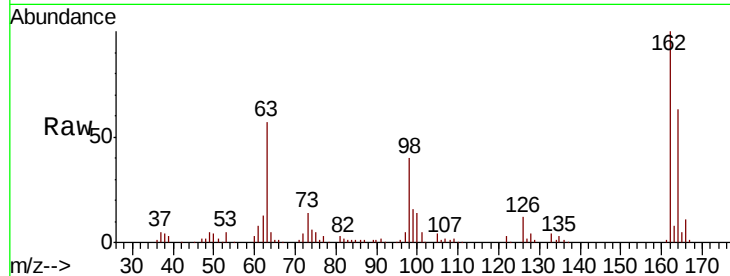




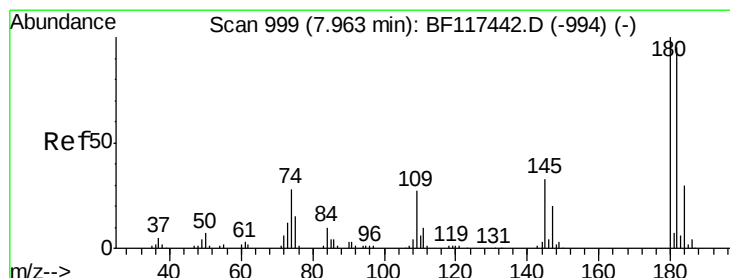
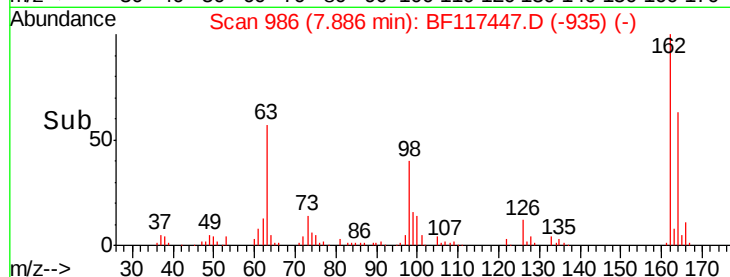
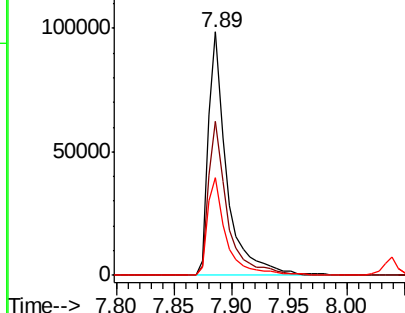
#29
 2,4-Dichlorophenol
 Concen: 41.651 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BF117447.D
 Acq: 18 Oct 2019 18:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.4	84.4
98	40.2	18.2	58.2

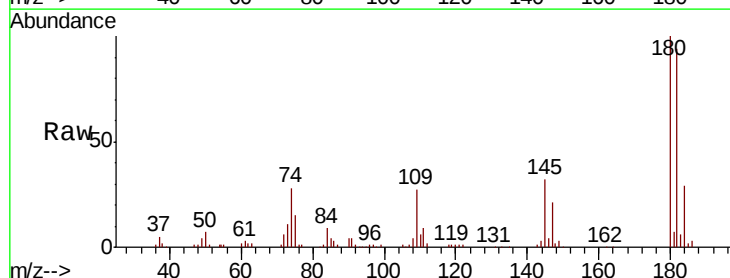


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

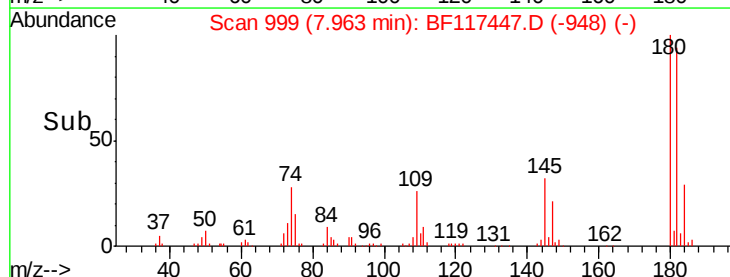
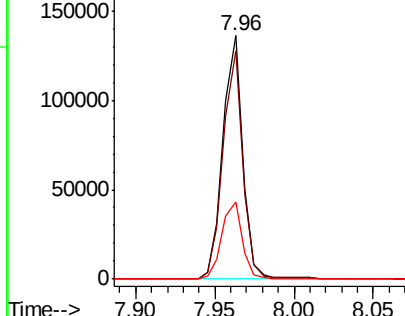


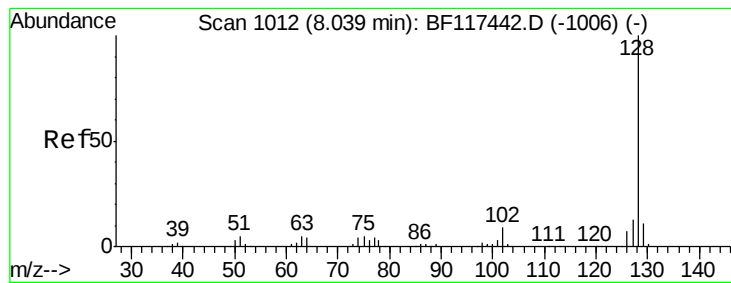
#30
 1,2,4-Trichlorobenzene
 Concen: 42.265 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF117447.D
 Acq: 18 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.8	113.8
145	31.5	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: 42.408 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

Instrument :

BNA_F

ClientSampleId :

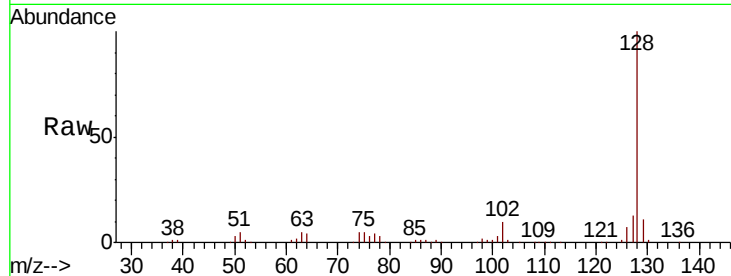
Tot Ion:128 Resp: 406314

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.4

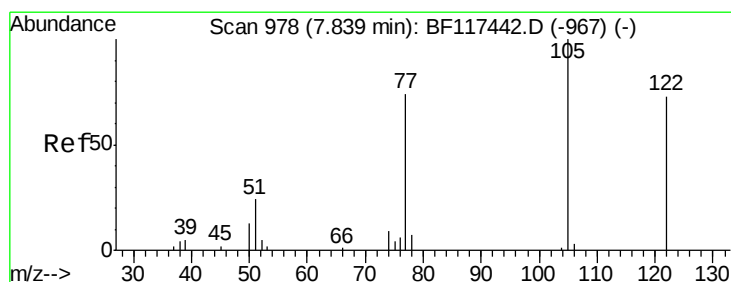
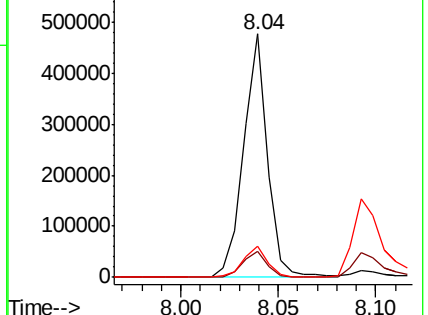
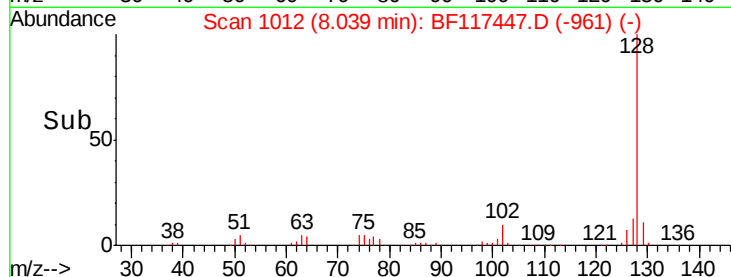
127 12.9 10.2 15.2



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: 41.265 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

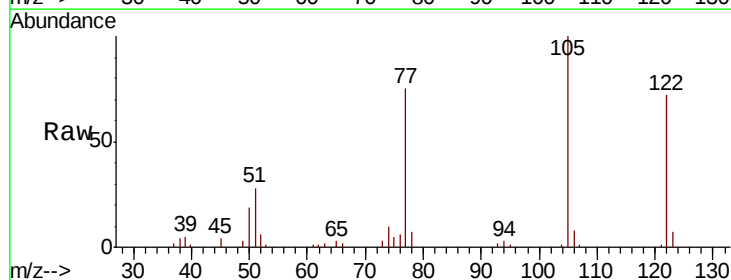
Tgt Ion:122 Resp: 70650

Ion Ratio Lower Upper

122 100

105 138.8 115.0 155.0

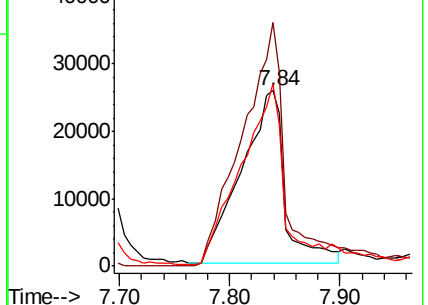
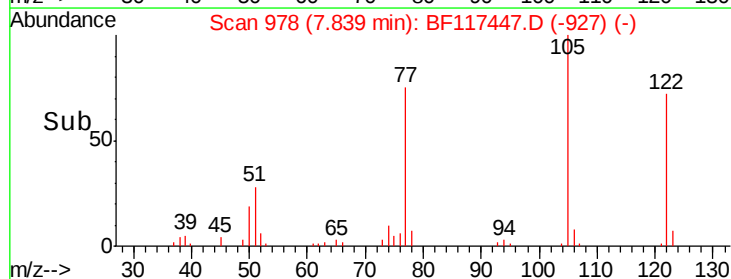
77 104.2 79.7 119.7

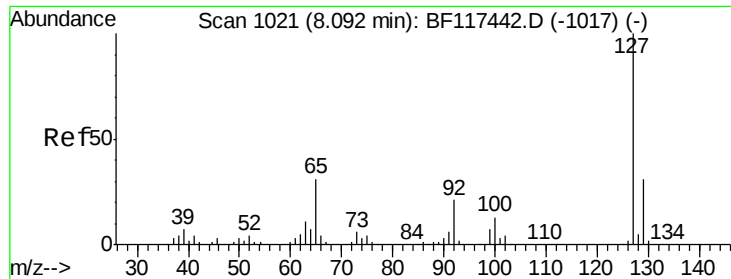


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

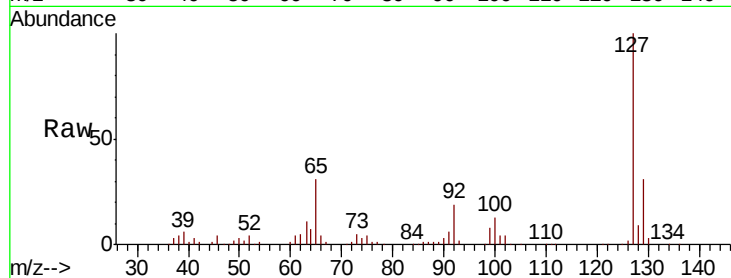




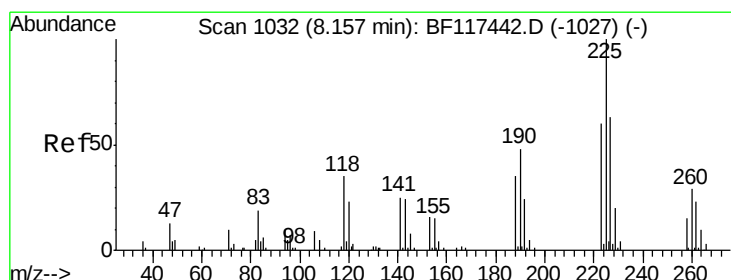
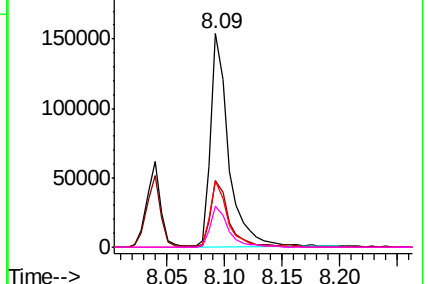
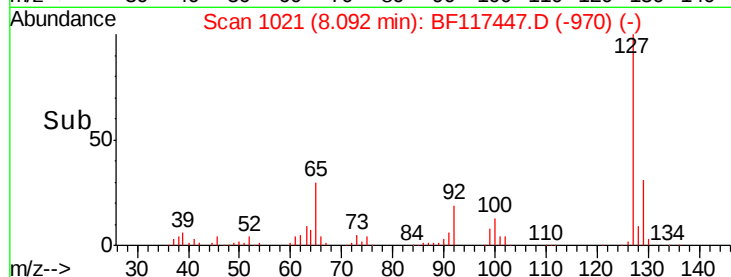
#33
4-Chloroaniline
Concen: 41.336 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 167144
Ion Ratio Lower Upper
127 100
129 31.3 24.8 37.2
65 31.0 24.6 37.0
92 18.9 16.5 24.7

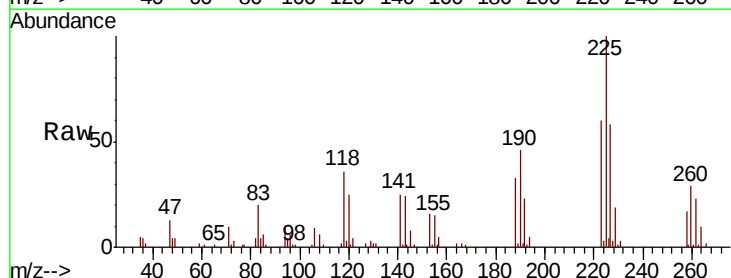


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

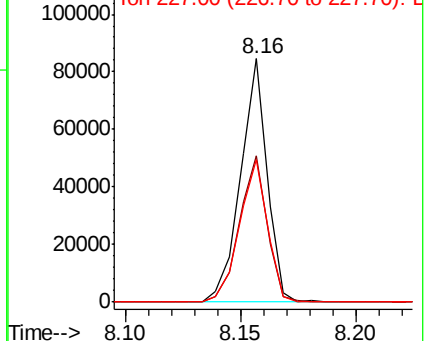
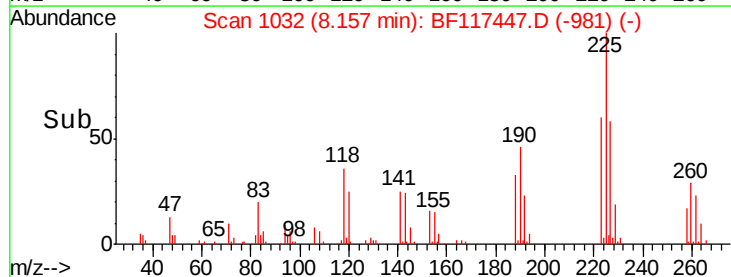


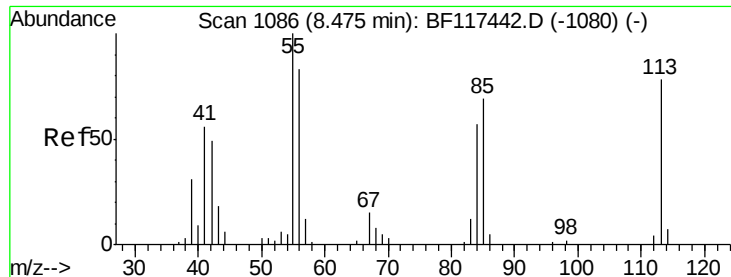
#34
Hexachlorobutadiene
Concen: 41.763 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

Tgt Ion:225 Resp: 68011
Ion Ratio Lower Upper
225 100
223 60.2 48.2 72.4
227 58.4 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

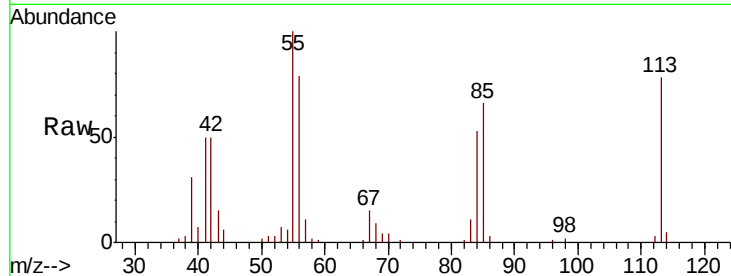




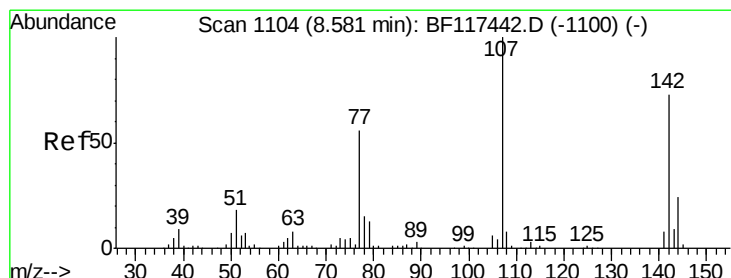
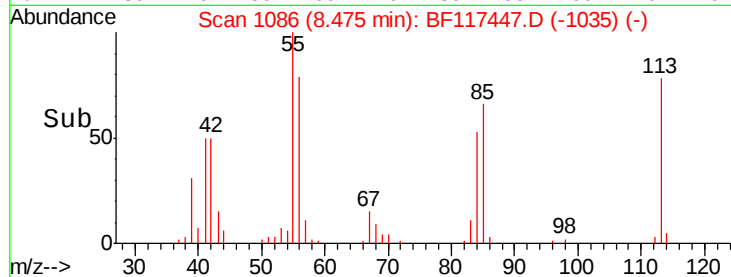
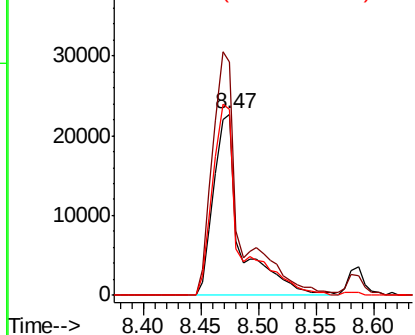
#35
 Caprolactam
 Concen: 44.310 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF117447.D
 Acq: 18 Oct 2019 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 37319
 Ion Ratio Lower Upper
 113 100
 55 128.6 108.8 148.8
 56 102.2 87.2 127.2

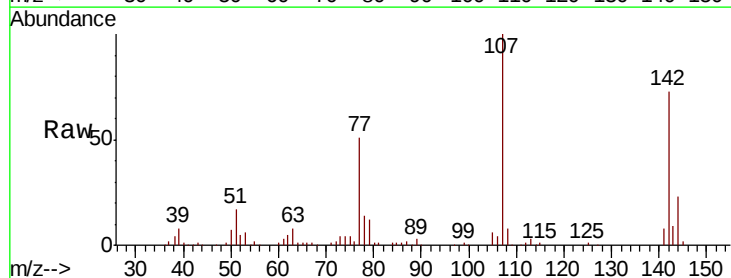


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

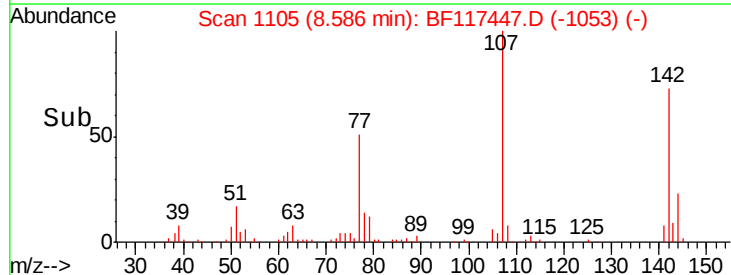
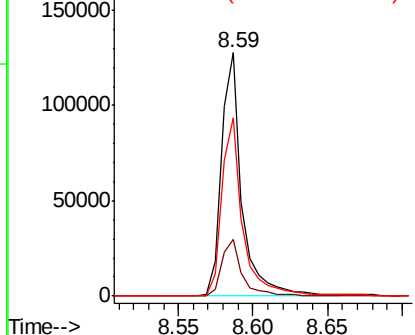


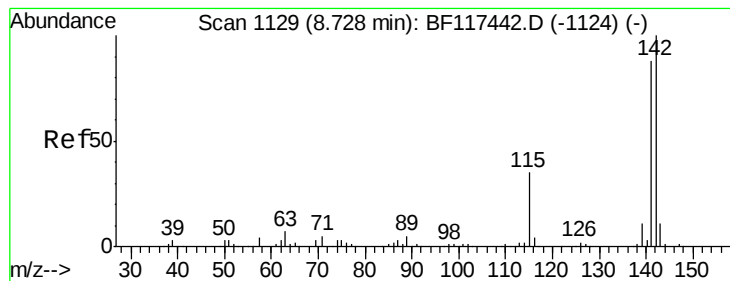
#36
 4-Chloro-3-methylphenol
 Concen: 41.495 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF117447.D
 Acq: 18 Oct 2019 18:53

Tgt Ion:107 Resp: 124073
 Ion Ratio Lower Upper
 107 100
 144 23.5 18.9 28.3
 142 73.3 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: 42.462 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

Instrument :

BNA_F

ClientSampleId :

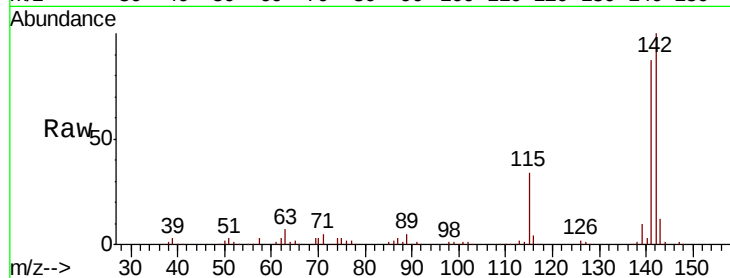
Tot Ion:142 Resp: 274133

Ion Ratio Lower Upper

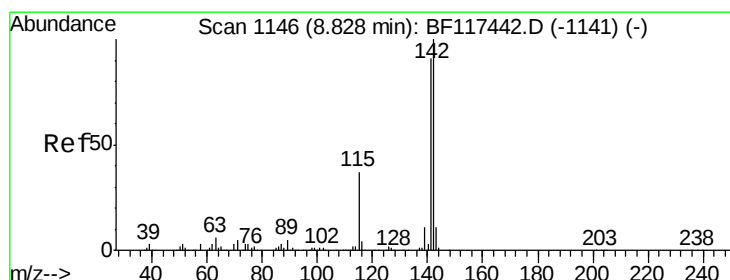
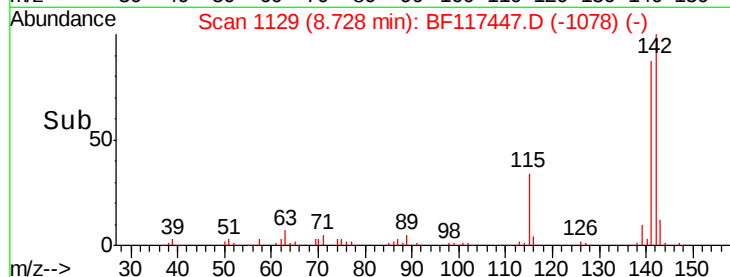
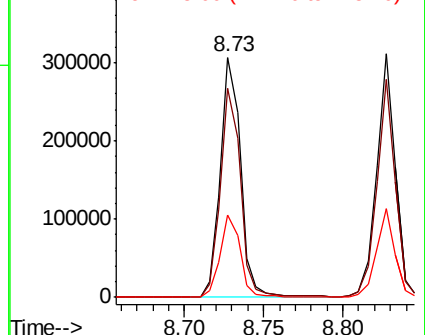
142 100

141 87.2 70.3 105.5

115 34.3 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: 42.349 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

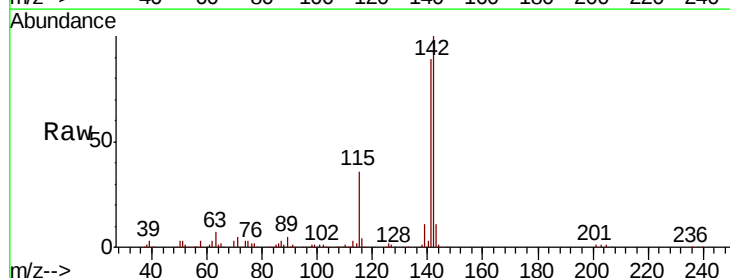
Tgt Ion:142 Resp: 256910

Ion Ratio Lower Upper

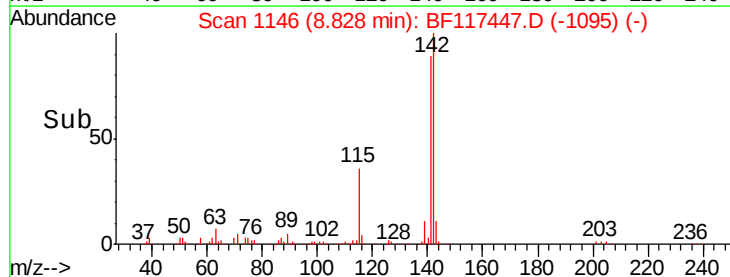
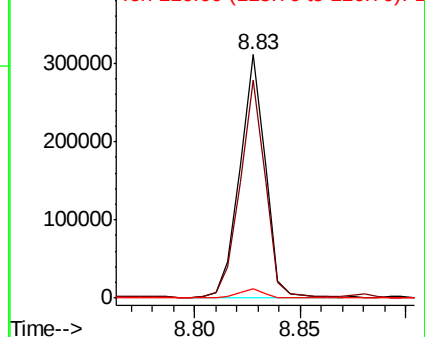
142 100

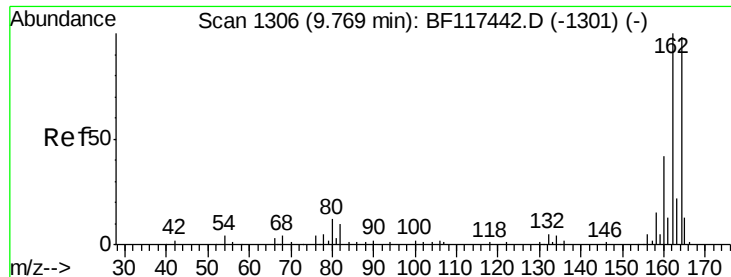
141 89.4 73.3 109.9

116 3.9 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

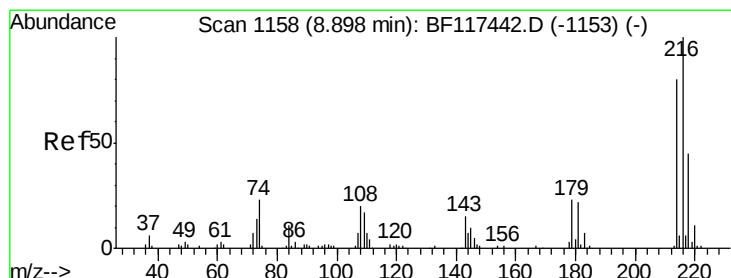
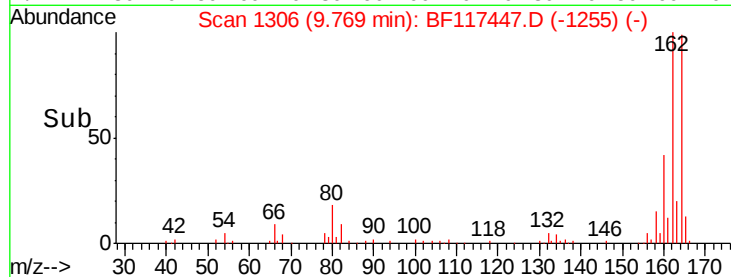
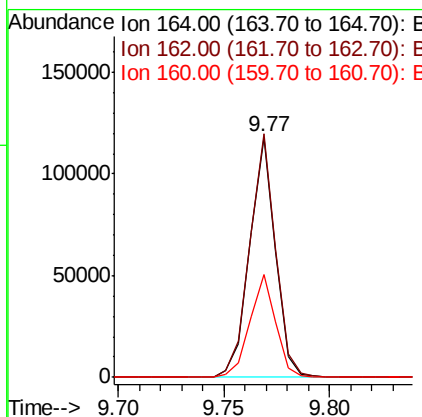
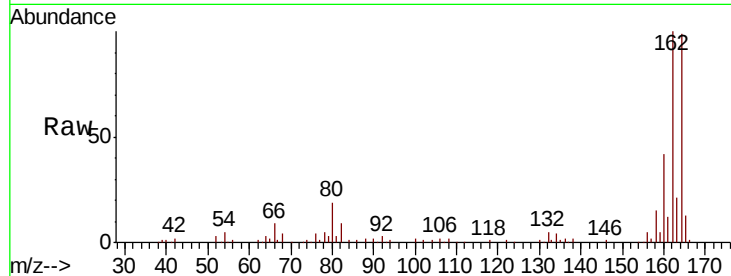




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF117447.D
 Acq: 18 Oct 2019 18:53

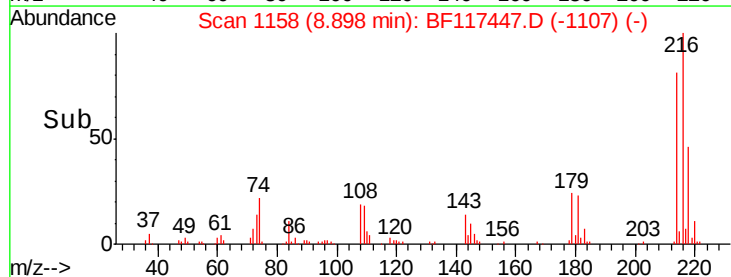
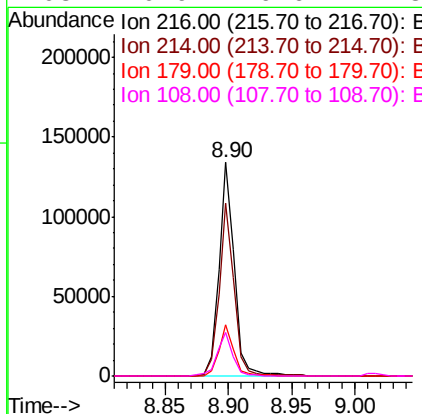
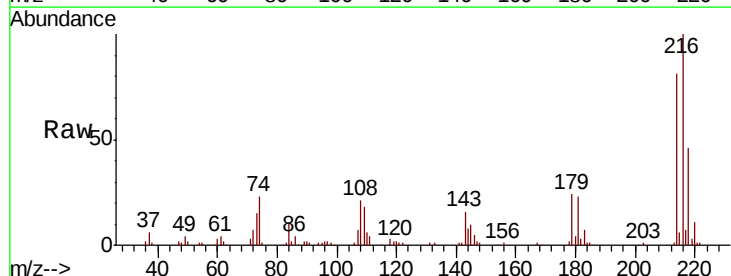
Instrument :
 BNA_F
 ClientSampleId :

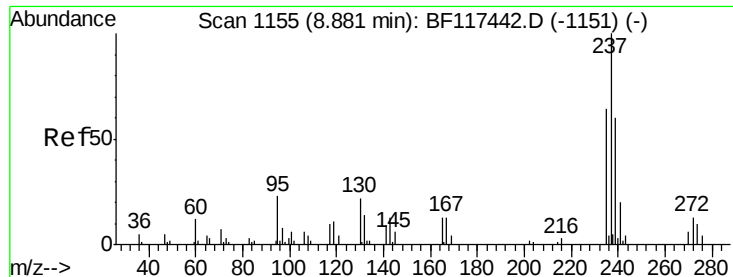
Tot Ion:164 Resp: 100034
 Ion Ratio Lower Upper
 164 100
 162 101.3 81.8 122.6
 160 42.9 34.4 51.6



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.390 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF117447.D
 Acq: 18 Oct 2019 18:53

Tgt Ion:216 Resp: 114211
 Ion Ratio Lower Upper
 216 100
 214 79.1 62.4 93.6
 179 23.1 18.1 27.1
 108 20.9 16.6 24.8





#41

Hexachlorocyclopentadiene

Concen: 39.994 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

Instrument :

BNA_F

ClientSampleId :

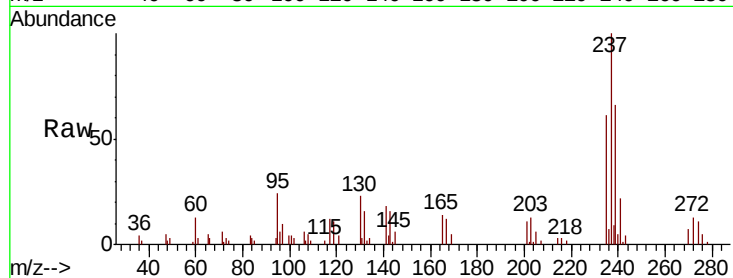
Tot Ion:237 Resp: 20717

Ion Ratio Lower Upper

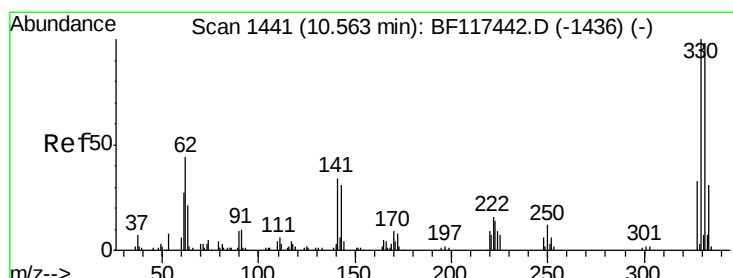
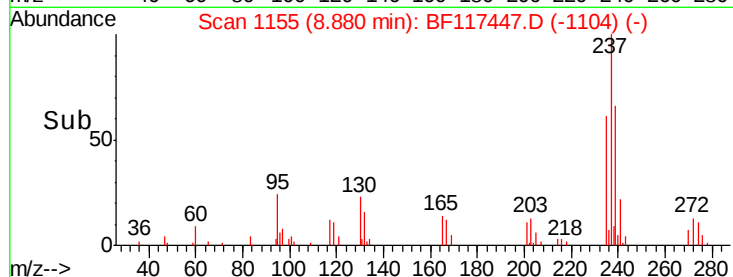
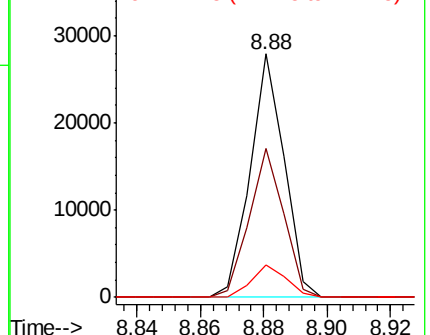
237 100

235 61.4 44.3 84.3

272 13.4 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: 85.537 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

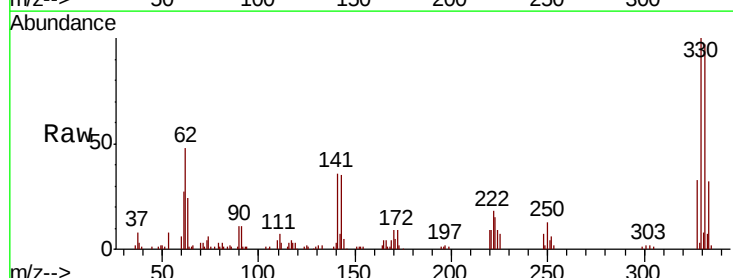
Tgt Ion:330 Resp: 74037

Ion Ratio Lower Upper

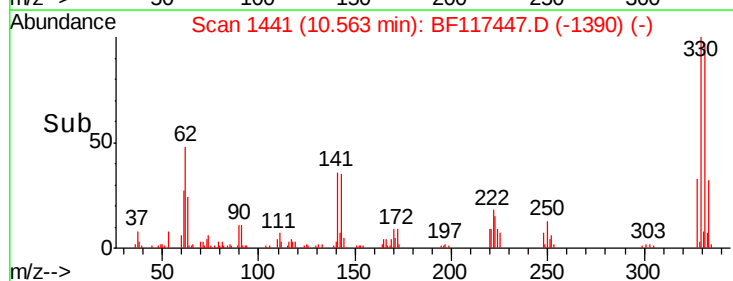
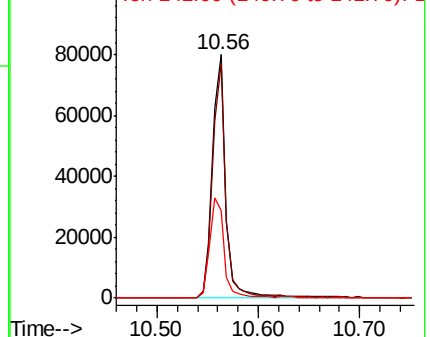
330 100

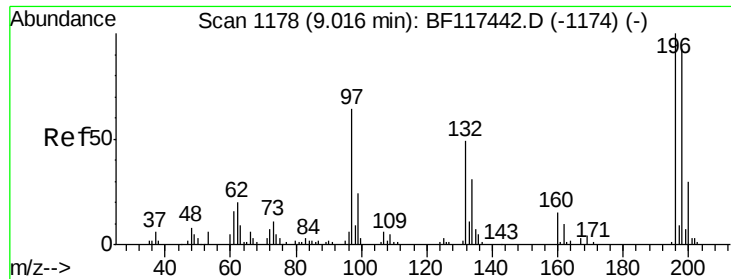
332 94.5 78.5 117.7

141 43.8 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

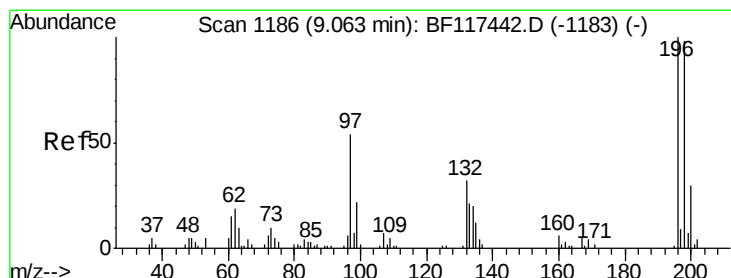
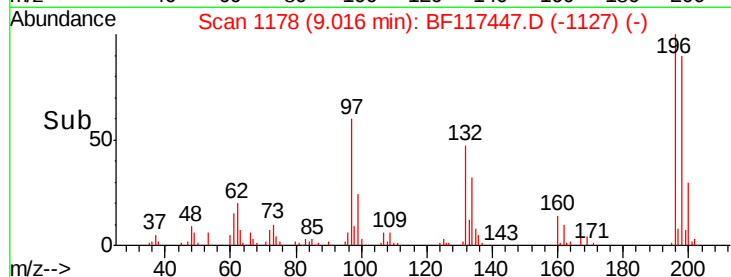
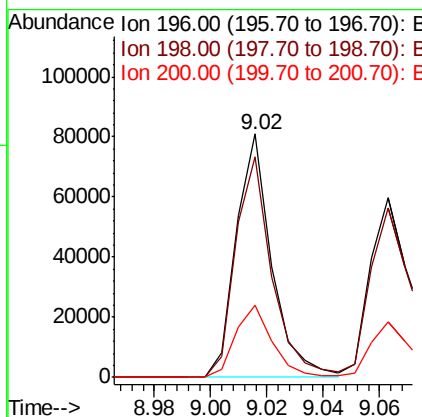
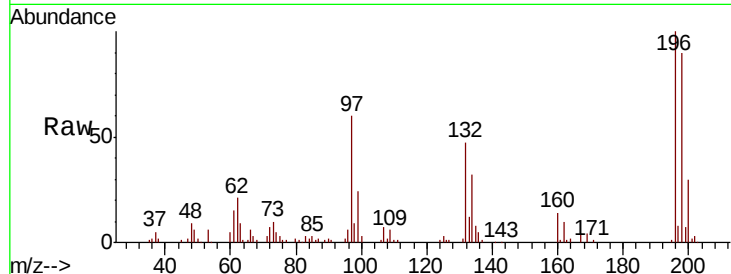




#43
 2,4,6-Trichlorophenol
 Concen: 42.111 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117447.D
 Acq: 18 Oct 2019 18:53

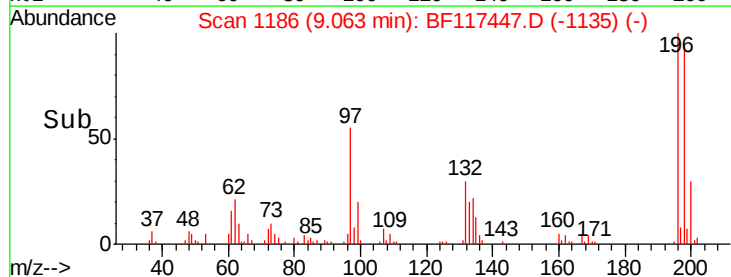
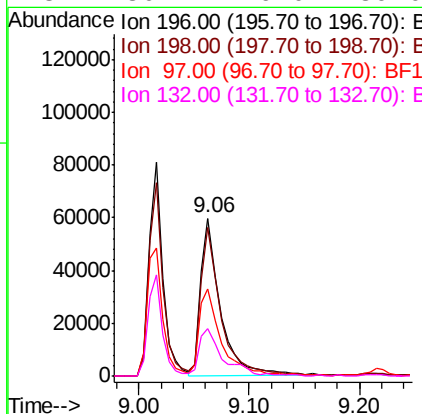
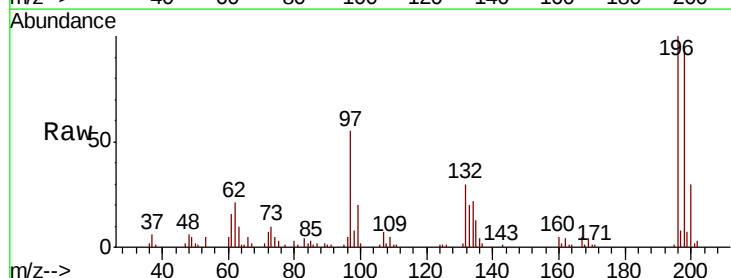
Instrument :
 BNA_F
 ClientSampled :

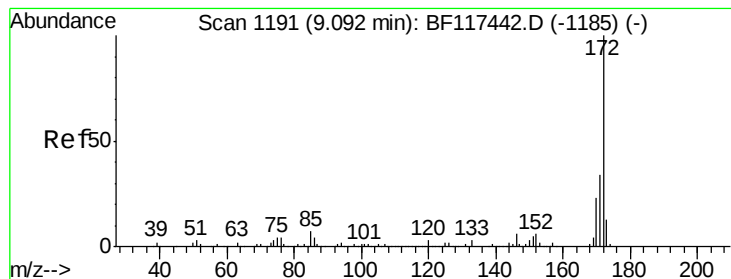
Tot Ion:196 Resp: 71051
 Ion Ratio Lower Upper
 196 100
 198 90.3 74.1 111.1
 200 29.5 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 42.128 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF117447.D
 Acq: 18 Oct 2019 18:53

Tgt Ion:196 Resp: 72027
 Ion Ratio Lower Upper
 196 100
 198 93.8 78.6 117.8
 97 55.2 43.4 65.2
 132 30.1 26.0 39.0

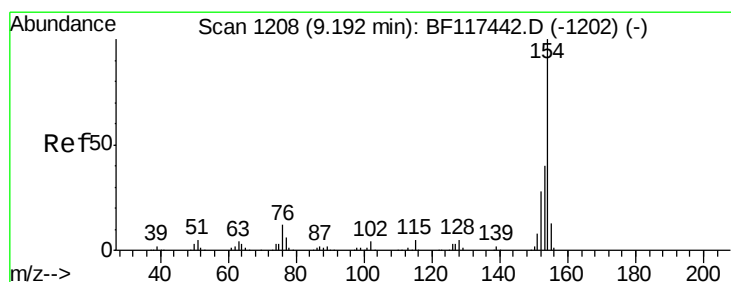
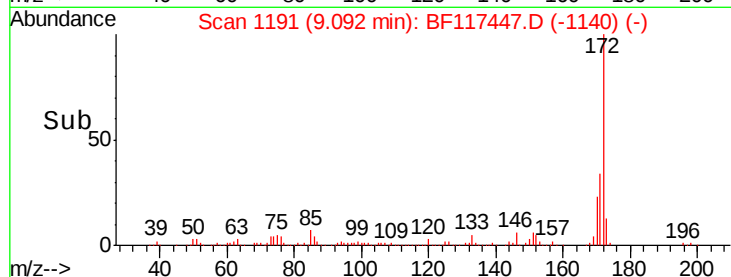
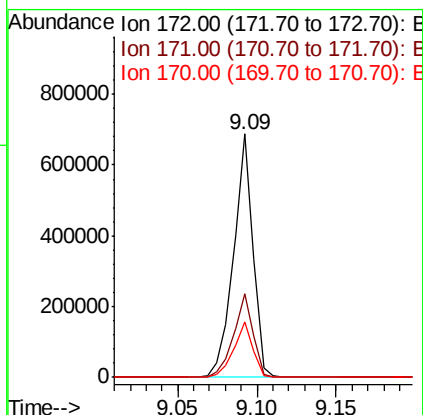
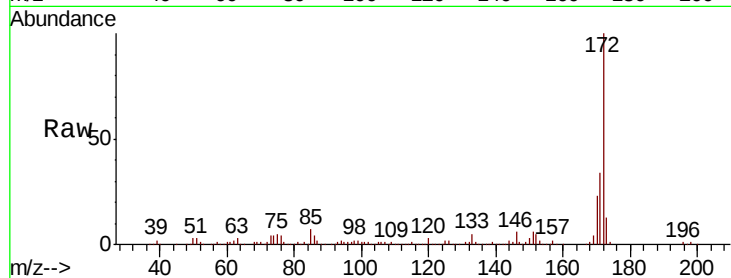




#45
2-Fluorobiphenyl
Concen: 82.639 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

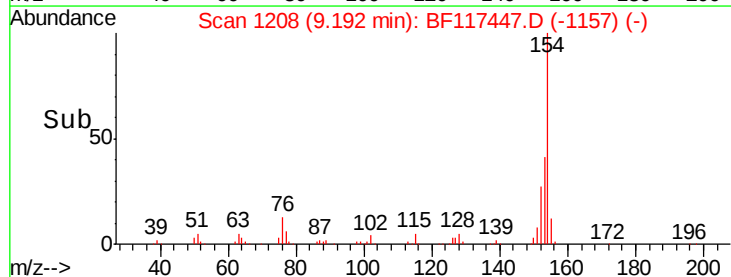
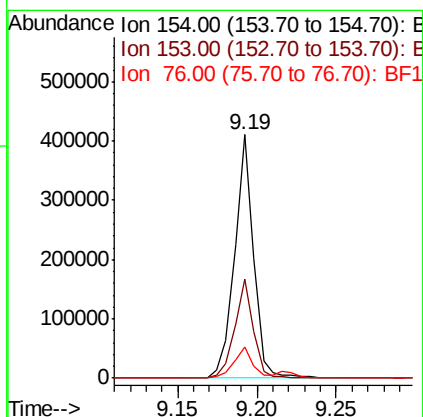
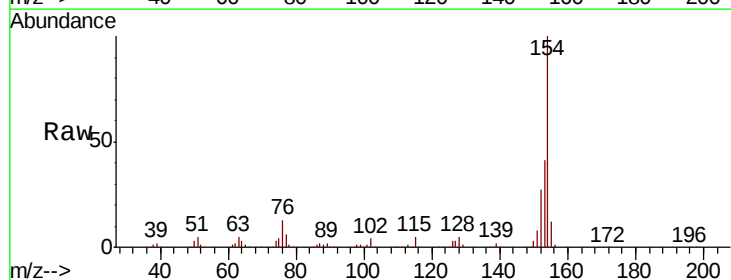
Instrument :
BNA_F
ClientSampleId :

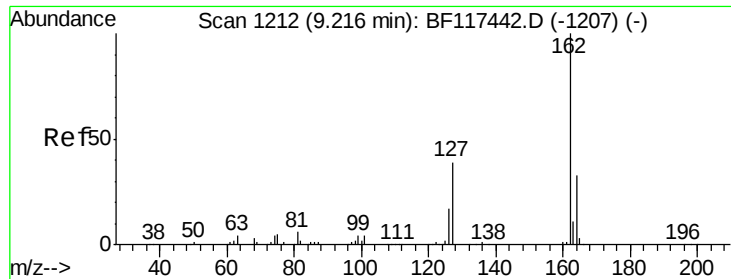
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.5	41.3
170	22.8	18.6	27.8



#46
1,1'-Biphenyl
Concen: 41.413 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.2	60.2
76	12.7	0.0	32.1

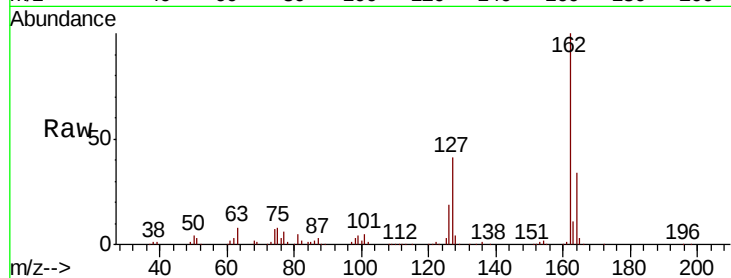




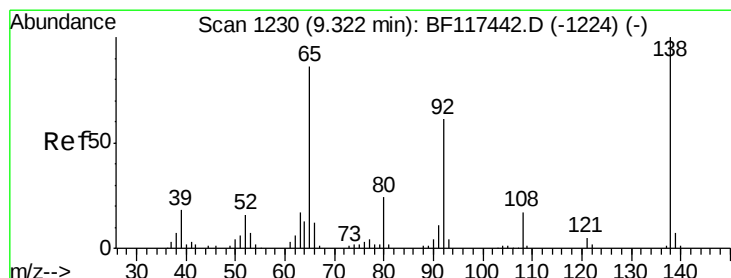
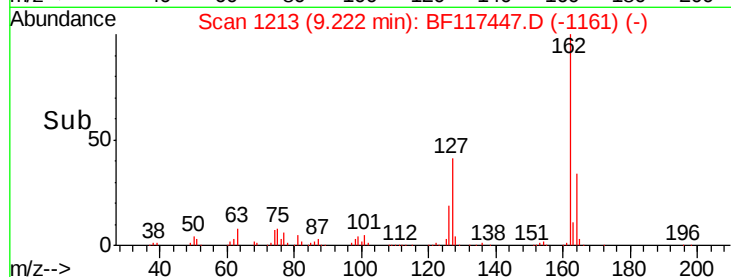
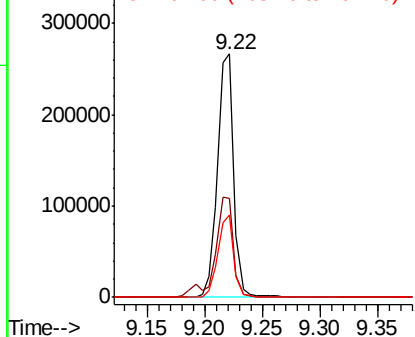
#47
2-Chloronaphthalene
Concen: 41.841 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	34.2	51.4
164	33.6	26.4	39.6

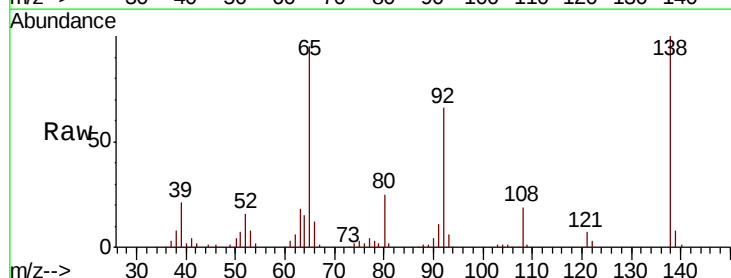


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

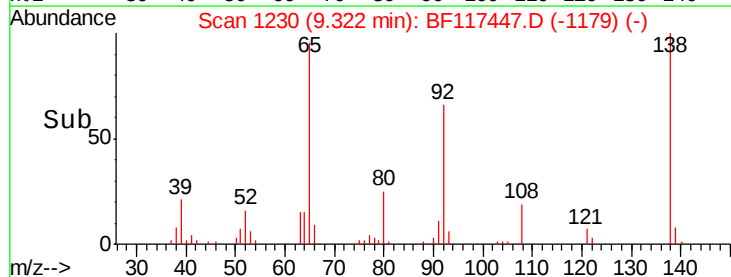
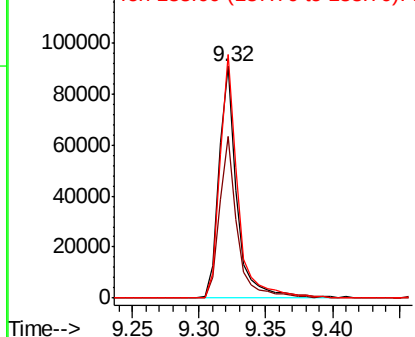


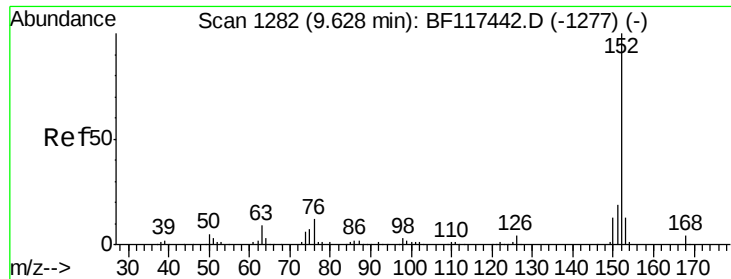
#48
2-Nitroaniline
Concen: 42.214 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.9	57.3	85.9
138	105.1	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: 41.914 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

Instrument :

BNA_F

ClientSampleId :

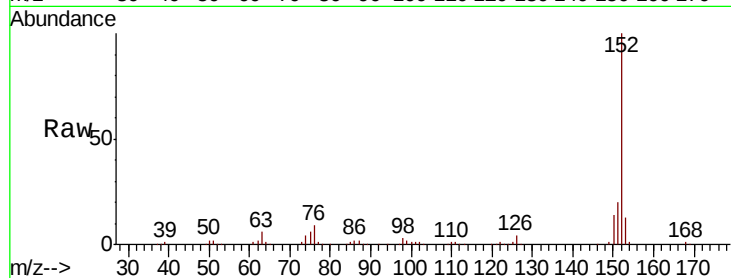
Tot Ion:152 Resp: 384418

Ion Ratio Lower Upper

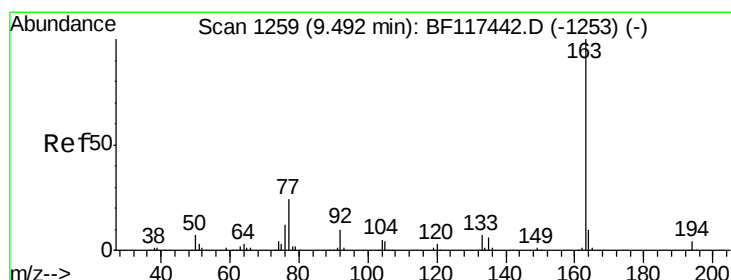
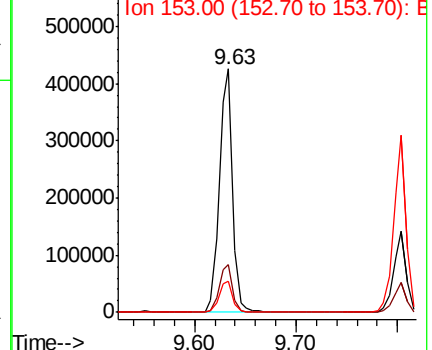
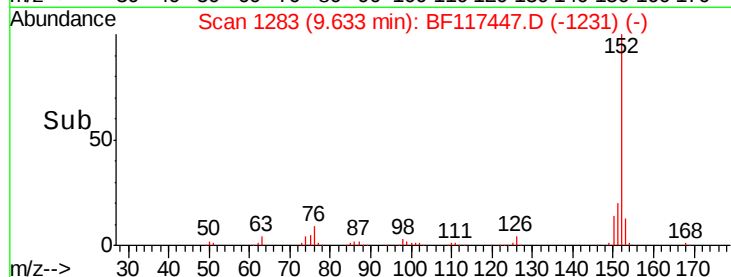
152 100

151 19.7 15.4 23.0

153 12.8 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: 42.062 ng

RT: 9.50 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

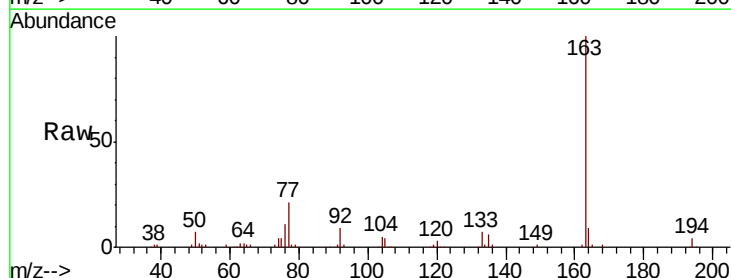
Tgt Ion:163 Resp: 299962

Ion Ratio Lower Upper

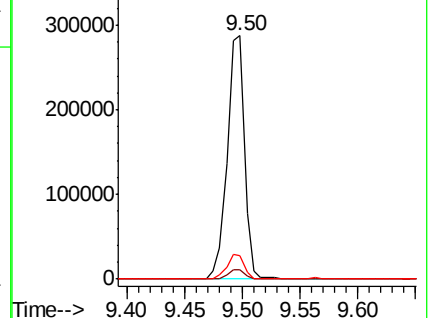
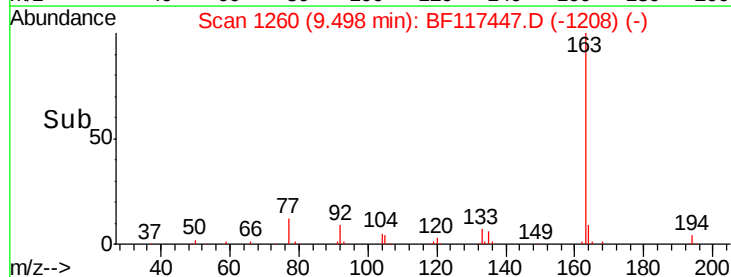
163 100

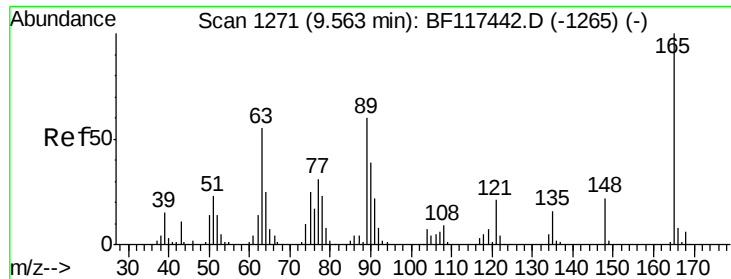
194 4.0 2.9 4.3

164 9.5 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

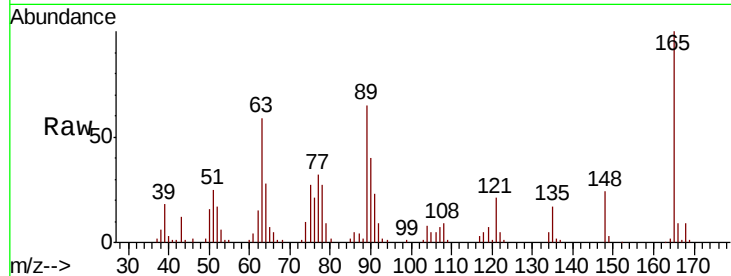




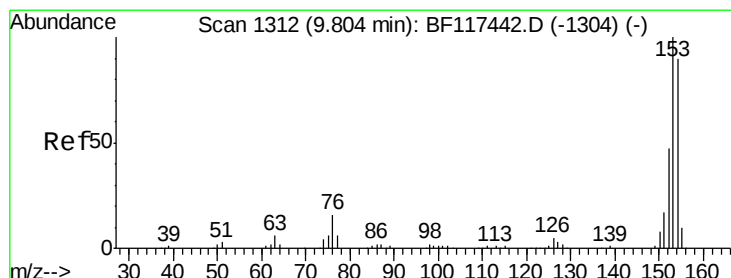
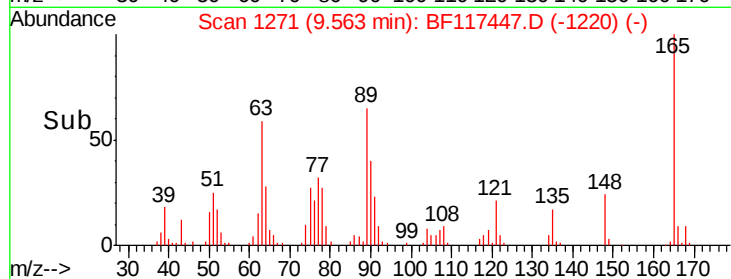
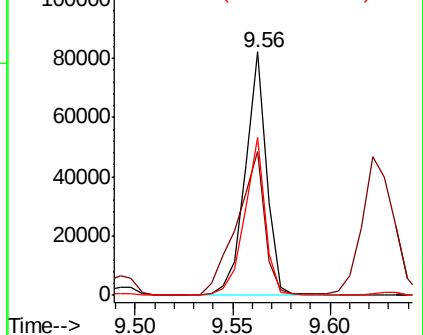
#51
2,6-Dinitrotoluene
Concen: 42.008 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 62513
Ion Ratio Lower Upper
165 100
63 58.9 43.8 65.8
89 64.9 47.6 71.4

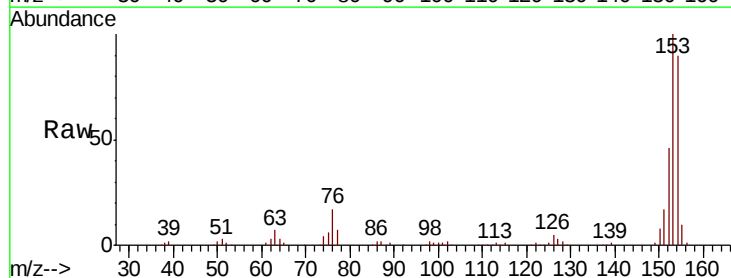


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

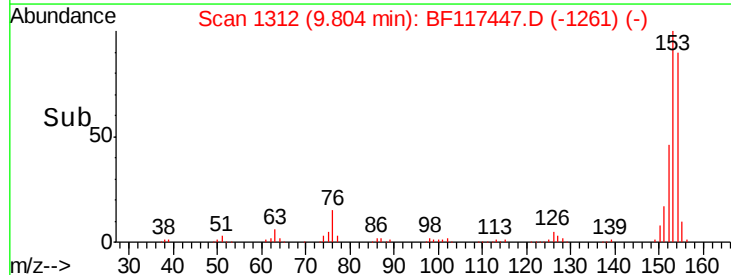
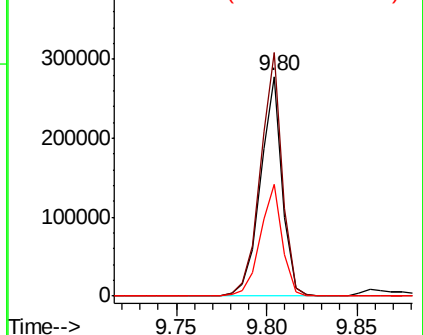


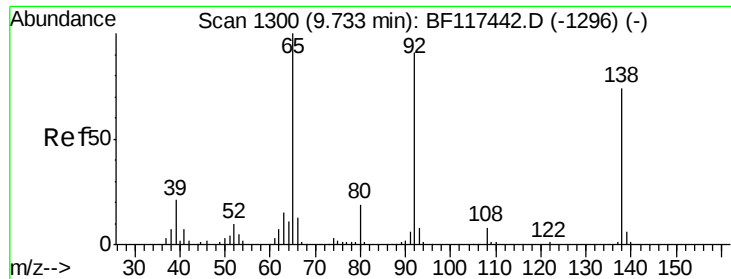
#52
Acenaphthene
Concen: 41.263 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

Tgt Ion:154 Resp: 232186
Ion Ratio Lower Upper
154 100
153 110.7 89.2 133.8
152 50.8 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

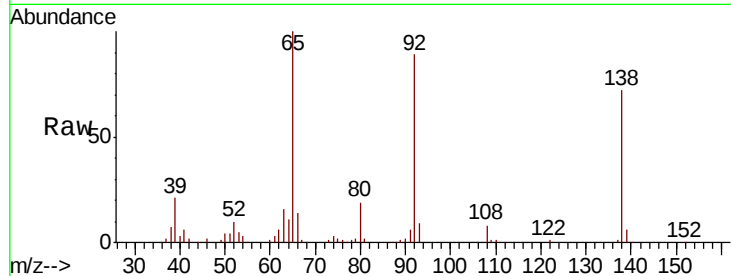




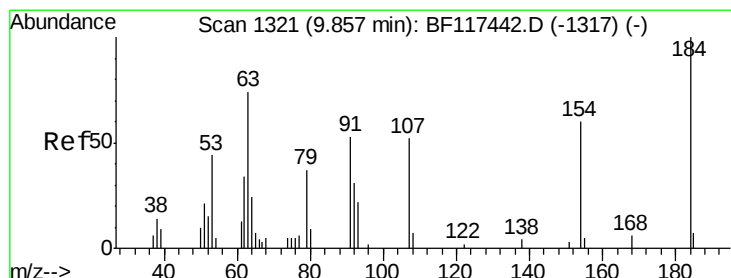
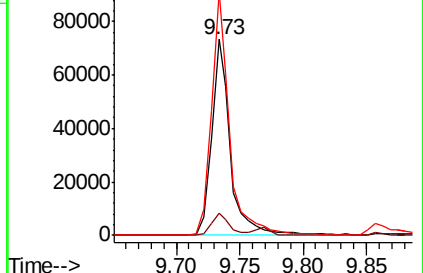
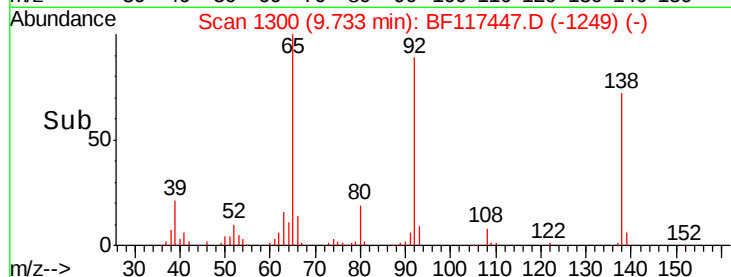
#53
3-Nitroaniline
Concen: 41.614 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 75138
Ion Ratio Lower Upper
138 100
108 11.2 8.7 13.1
92 124.3 98.4 147.6

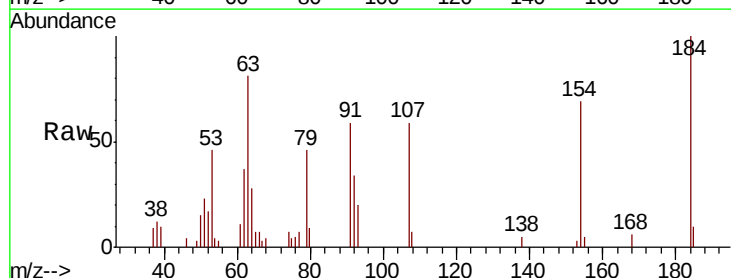


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

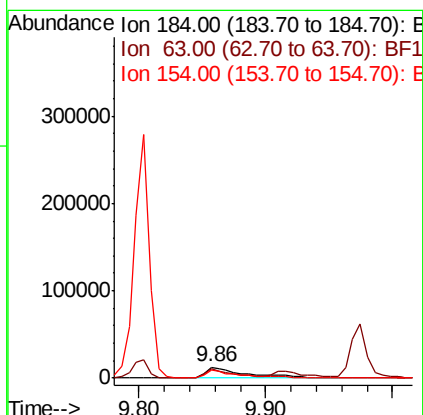
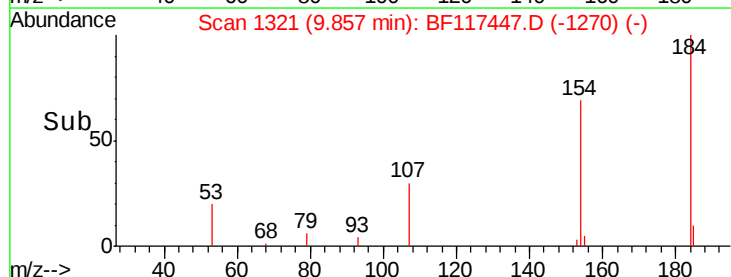


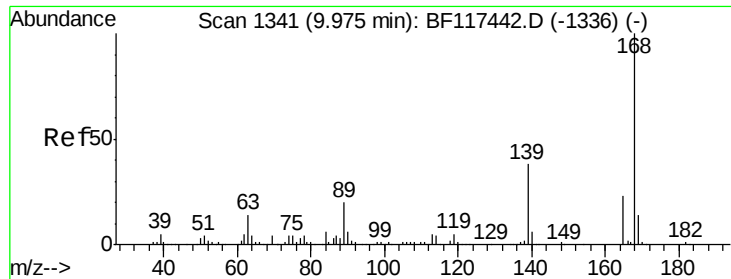
#54
2,4-Dinitrophenol
Concen: 44.722 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

Tgt Ion:184 Resp: 26237
Ion Ratio Lower Upper
184 100
63 81.0 59.2 88.8
154 69.0 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

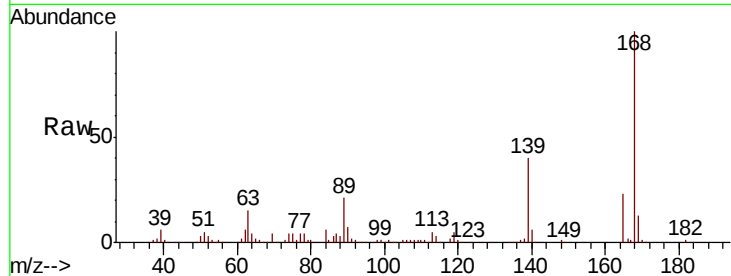




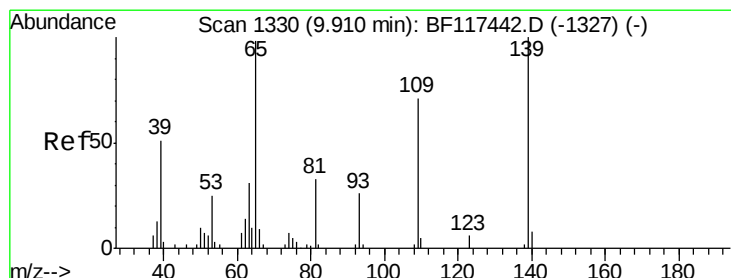
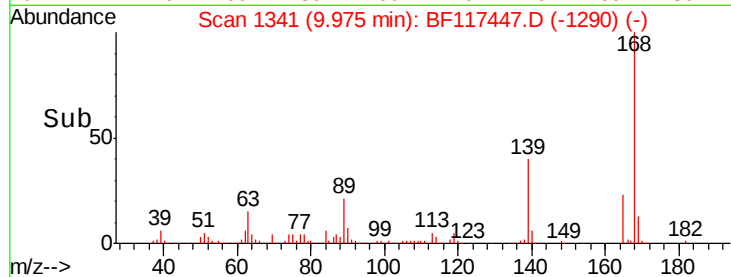
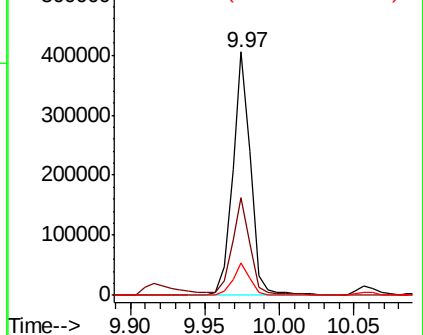
#55
Dibenzenofuran
Concen: 41.948 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 341981
Ion Ratio Lower Upper
168 100
139 39.9 31.8 47.6
169 13.4 11.2 16.8

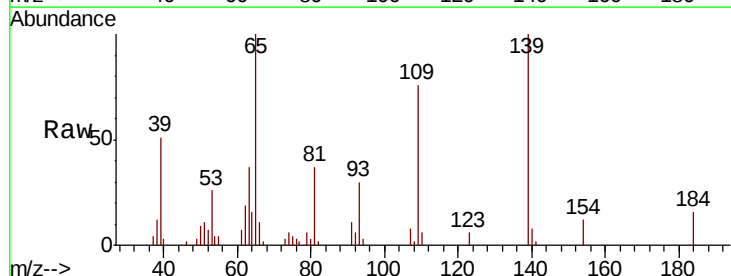


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

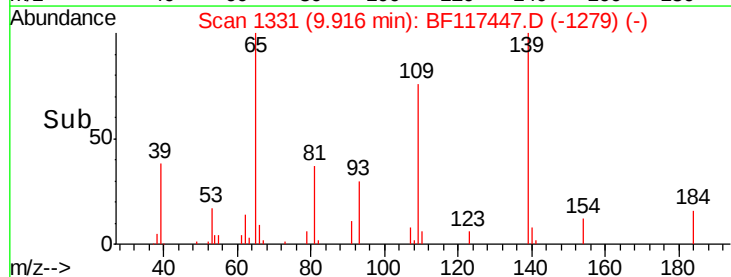
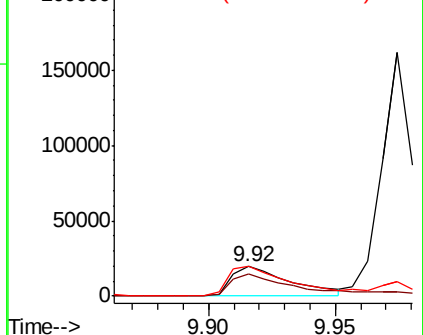


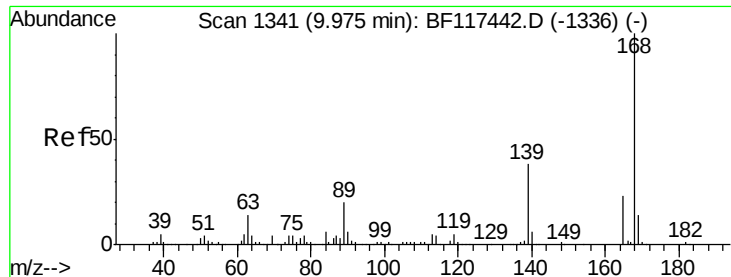
#56
4-Nitrophenol
Concen: 40.532 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

Tgt Ion:139 Resp: 31902
Ion Ratio Lower Upper
139 100
109 76.2 51.4 91.4
65 99.8 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

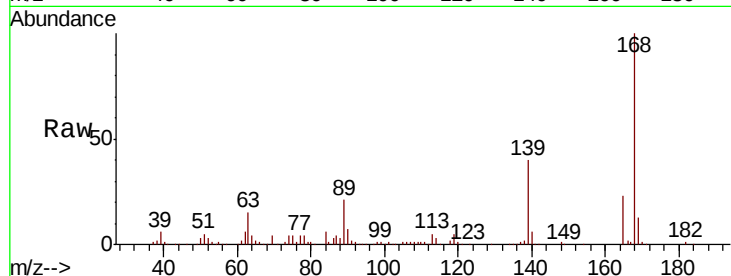




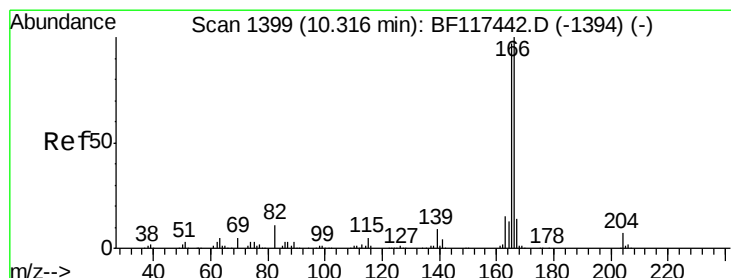
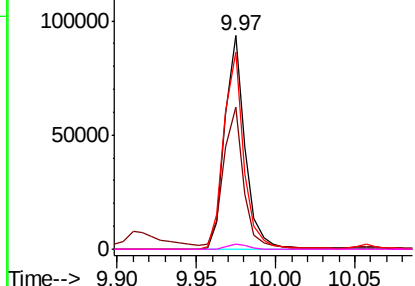
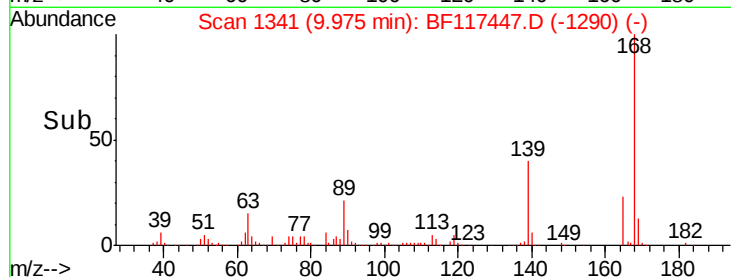
#57
2,4-Dinitrotoluene
Concen: 41.944 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 82987
Ion Ratio Lower Upper
165 100
63 66.5 51.4 77.0
89 92.5 69.9 104.9
182 2.5 1.9 2.9

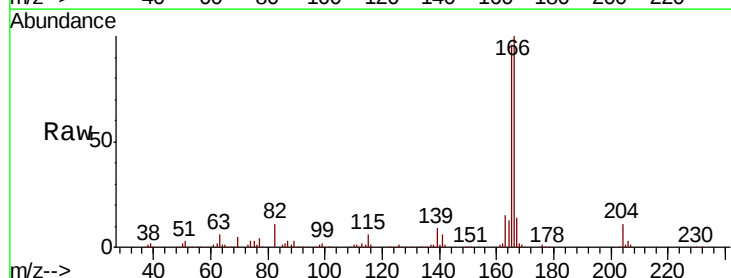


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

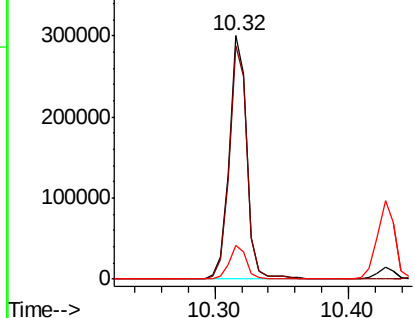
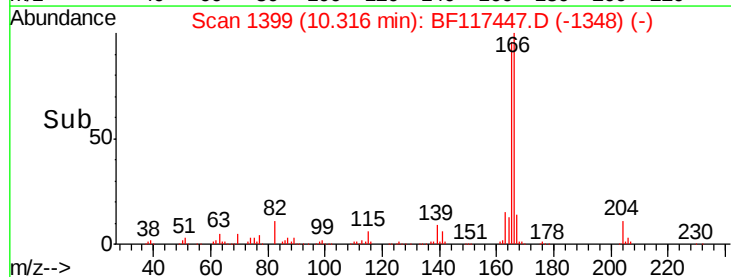


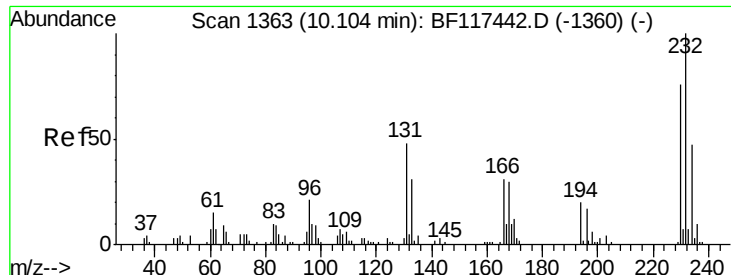
#58
Fluorene
Concen: 41.514 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

Tgt Ion:166 Resp: 279878
Ion Ratio Lower Upper
166 100
165 96.1 77.6 116.4
167 13.7 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

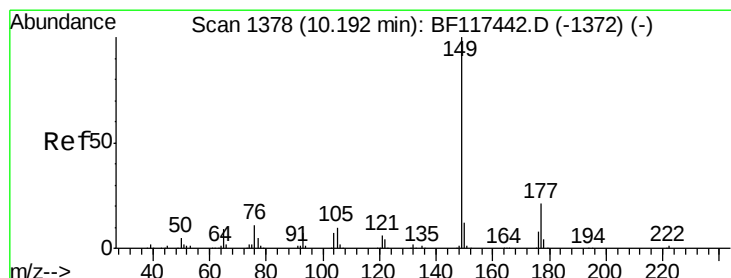
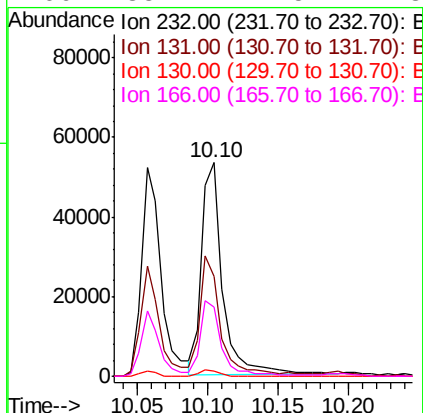
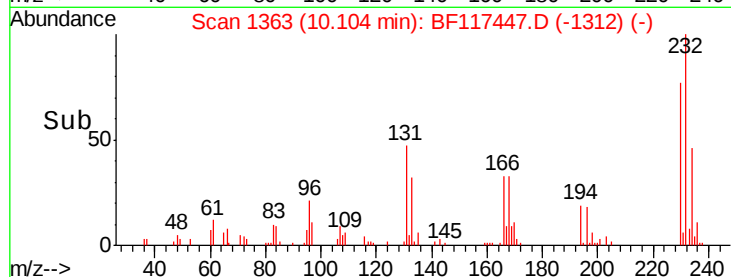
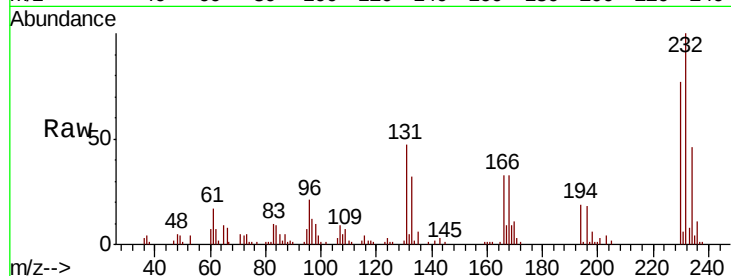




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.394 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

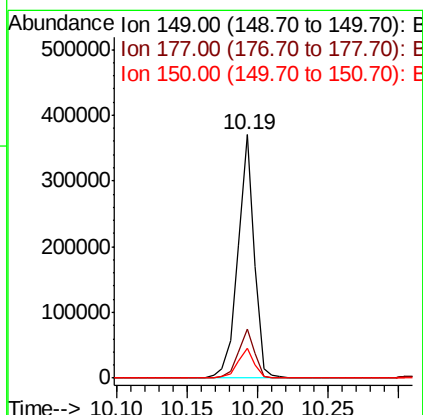
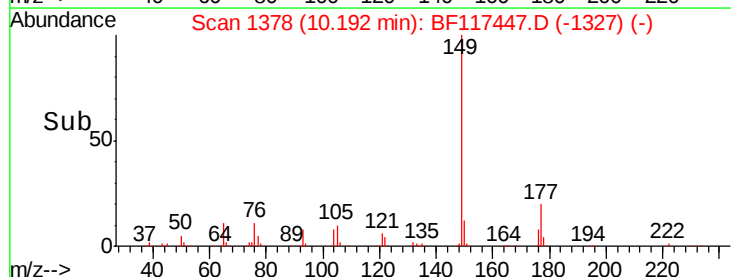
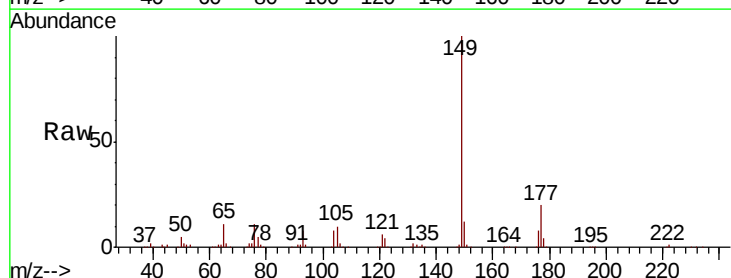
Instrument :
BNA_F
ClientSampleId :

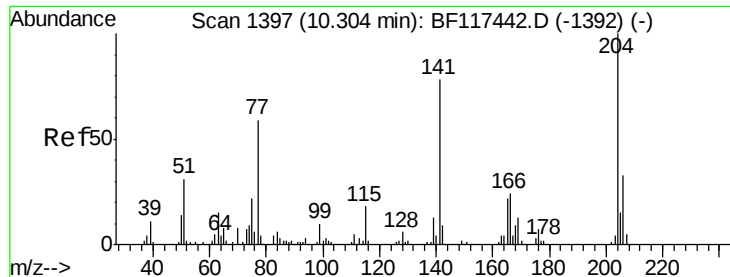
Tot Ion:232 Resp: 55624
Ion Ratio Lower Upper
232 100
131 56.9 42.6 63.8
130 2.5 2.2 3.4
166 35.1 27.5 41.3



#60
Diethylphthalate
Concen: 41.165 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

Tgt Ion:149 Resp: 296927
Ion Ratio Lower Upper
149 100
177 20.1 17.0 25.4
150 12.5 9.8 14.6

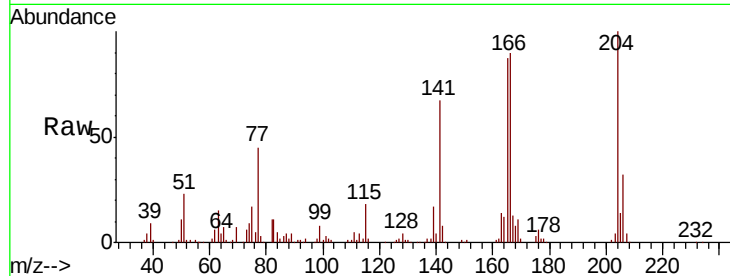




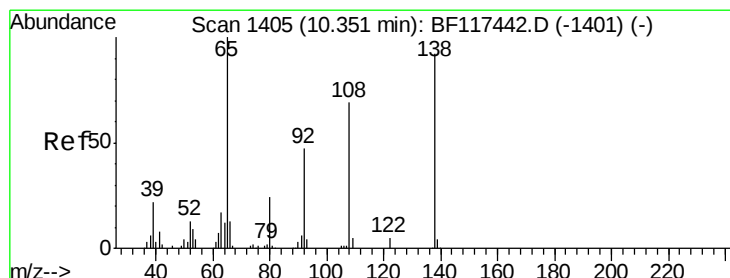
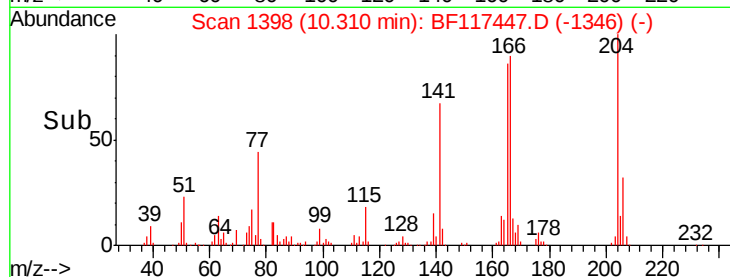
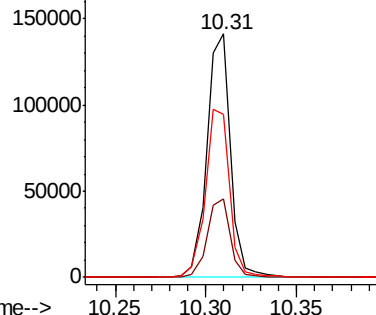
#61
4-Chlorophenyl-phenylether
Concen: 42.336 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 128053
Ion Ratio Lower Upper
204 100
206 32.1 26.3 39.5
141 66.7 62.2 93.4

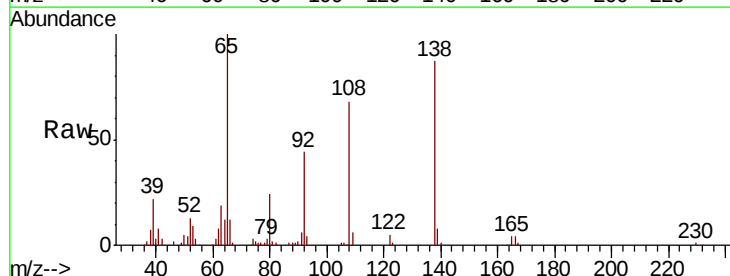


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

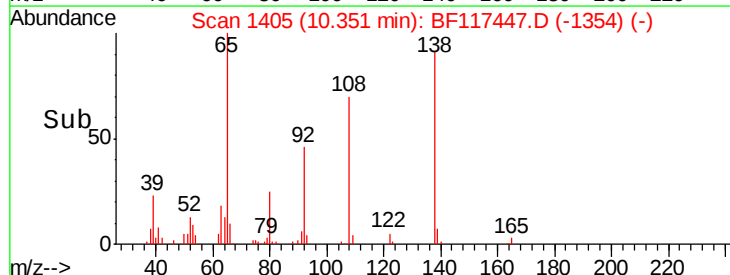
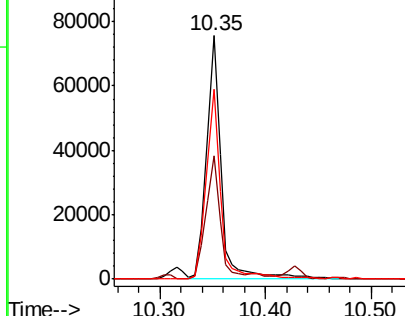


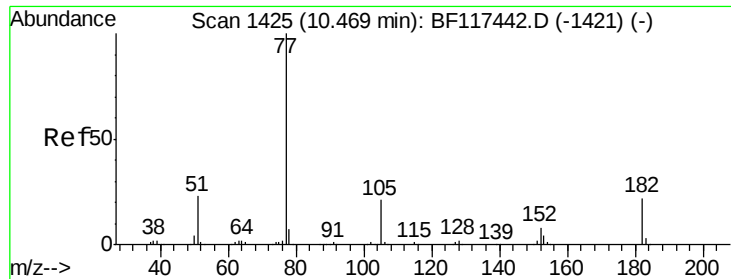
#62
4-Nitroaniline
Concen: 43.458 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

Tgt Ion:138 Resp: 73960
Ion Ratio Lower Upper
138 100
92 50.8 30.3 70.3
108 78.0 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: 41.563 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 306903

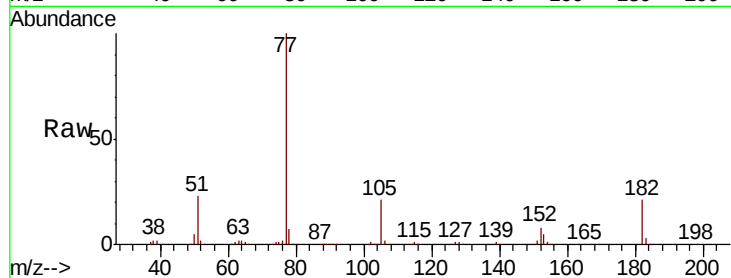
Ion Ratio Lower Upper

77 100

182 21.3 2.3 42.3

105 21.2 1.3 41.3

51 23.4 3.5 43.5

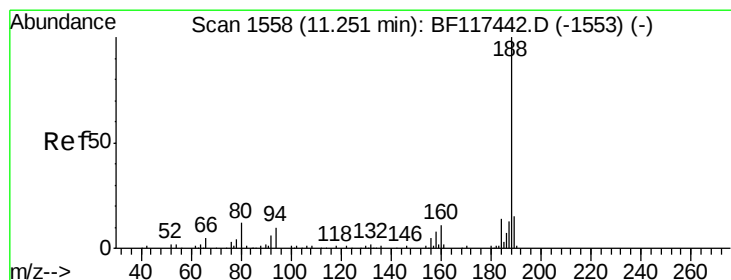
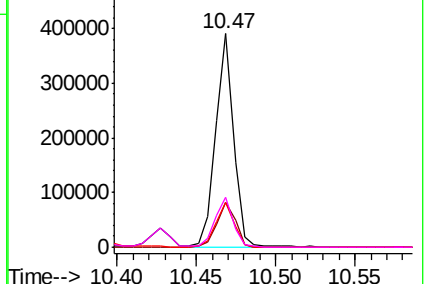
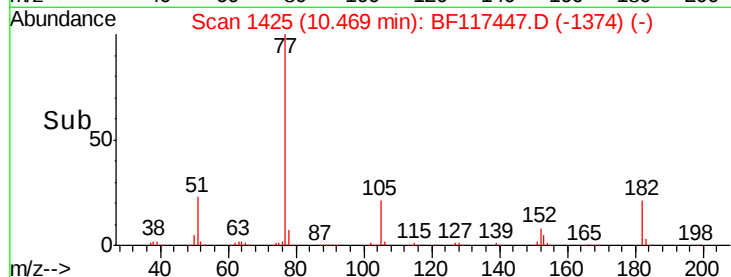


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

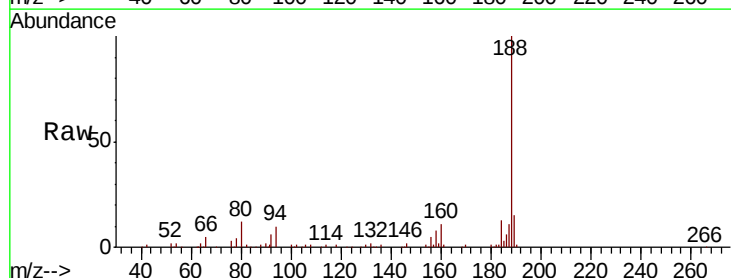
Tgt Ion: 188 Resp: 160482

Ion Ratio Lower Upper

188 100

94 9.7 8.0 12.0

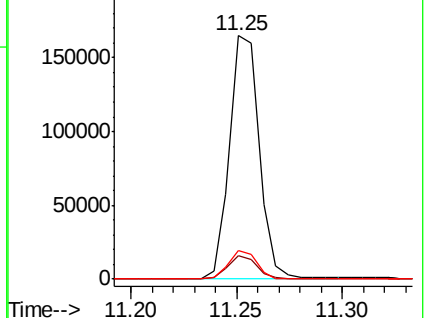
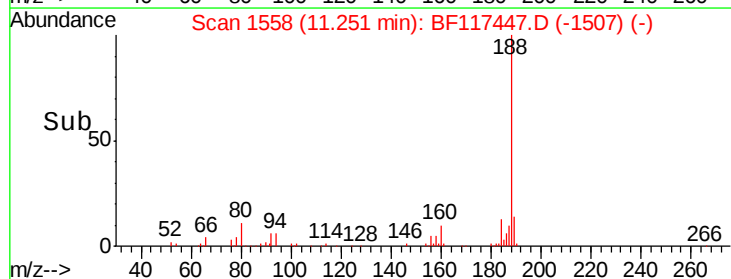
80 11.8 9.5 14.3

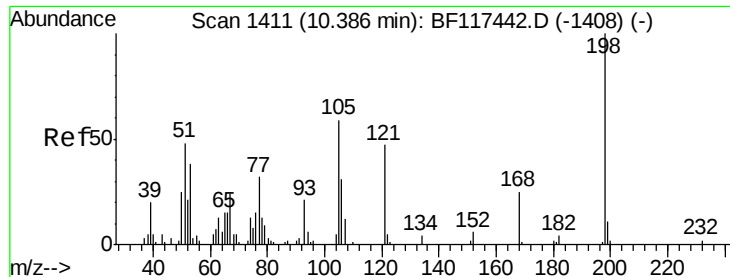


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 41.740 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.00 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

Instrument :

BNA_F

ClientSampleId :

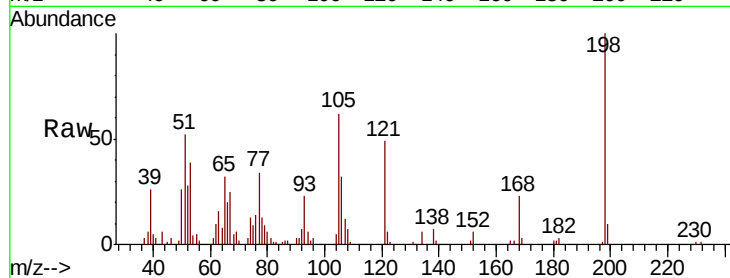
Tot Ion:198 Resp: 34057

Ion Ratio Lower Upper

198 100

51 52.1 29.1 69.1

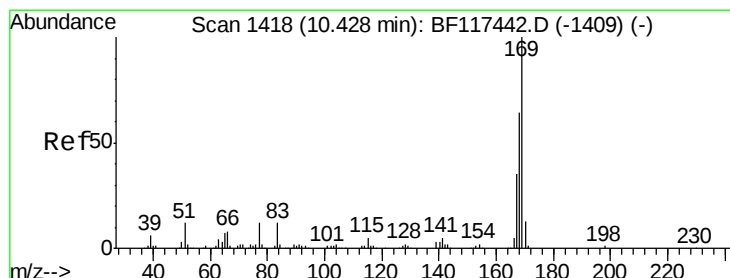
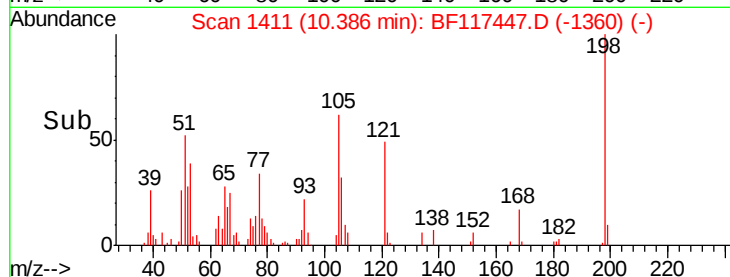
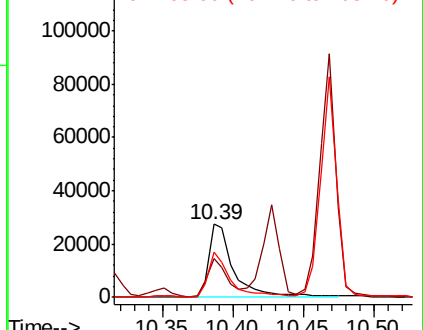
105 61.6 39.4 79.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.701 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

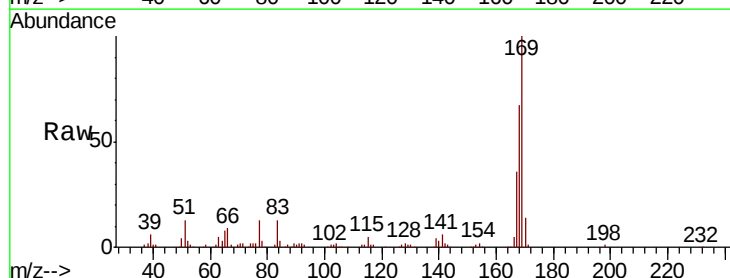
Tgt Ion:169 Resp: 238791

Ion Ratio Lower Upper

169 100

168 67.0 51.3 76.9

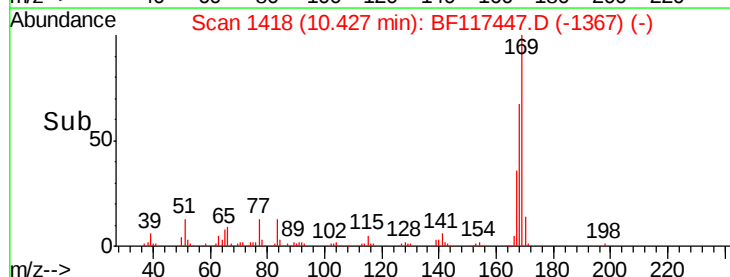
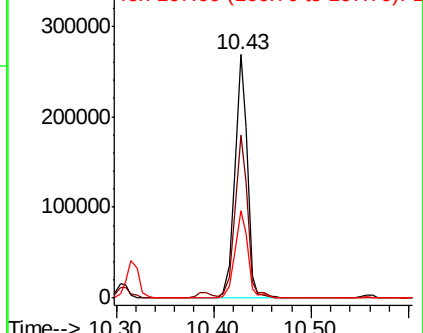
167 35.9 28.2 42.4

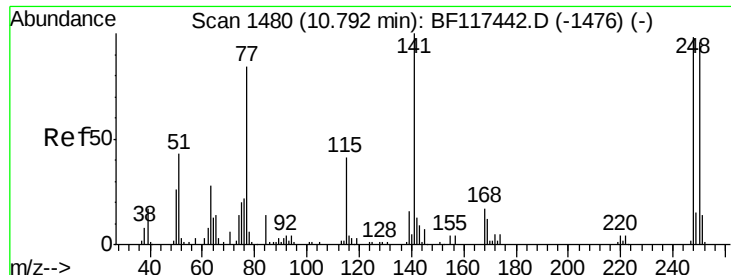


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

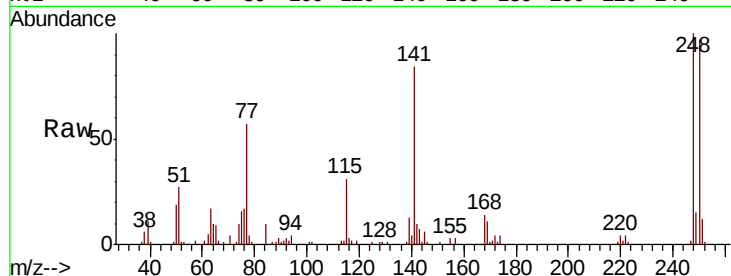




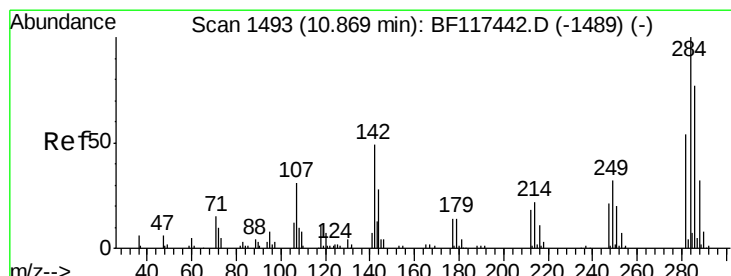
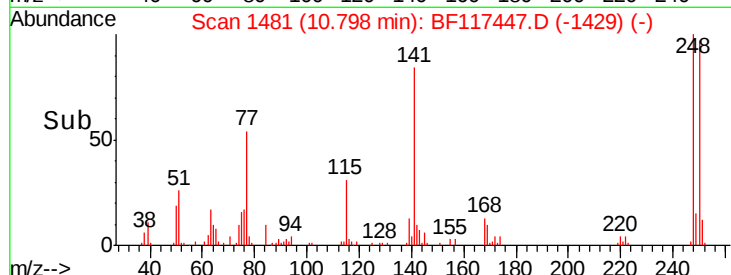
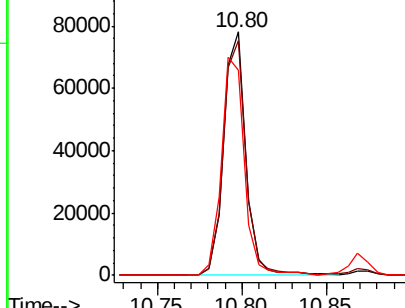
#67
 4-Bromophenyl-phenylether
 Concen: 41.306 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.01 min
 Lab File: BF117447.D
 Acq: 18 Oct 2019 18:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 71401
 Ion Ratio Lower Upper
 248 100
 250 96.6 78.0 117.0
 141 84.4 81.7 122.5

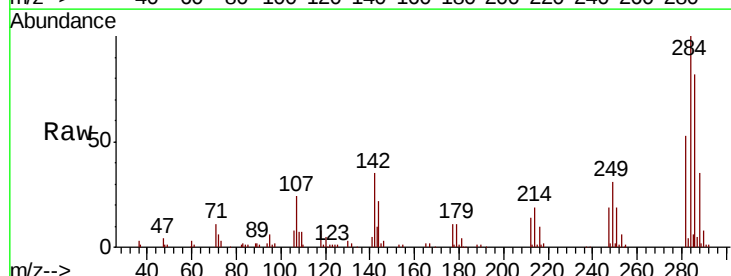


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

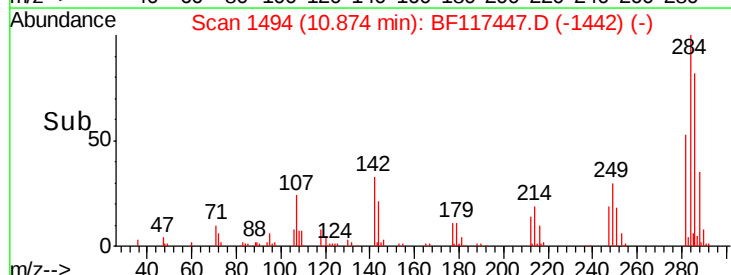
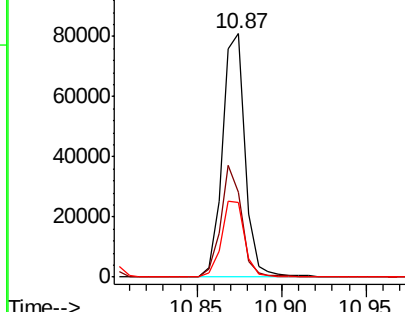


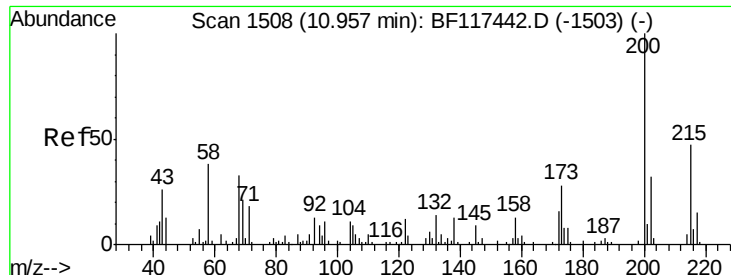
#68
 Hexachlorobenzene
 Concen: 40.814 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BF117447.D
 Acq: 18 Oct 2019 18:53

Tgt Ion:284 Resp: 75556
 Ion Ratio Lower Upper
 284 100
 142 34.9 39.0 58.6#
 249 30.8 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

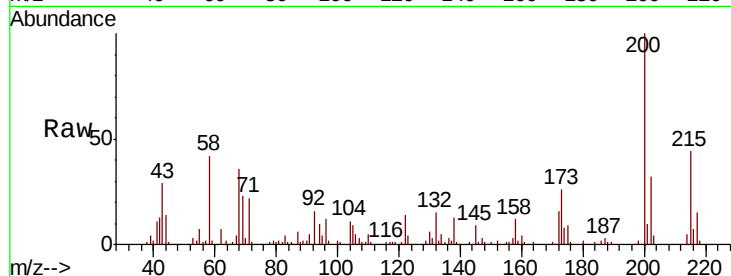




#69
 Atrazine
 Concen: 39.984 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.00 min
 Lab File: BF117447.D
 Acq: 18 Oct 2019 18:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	8.2	48.2
215	43.9	26.8	66.8

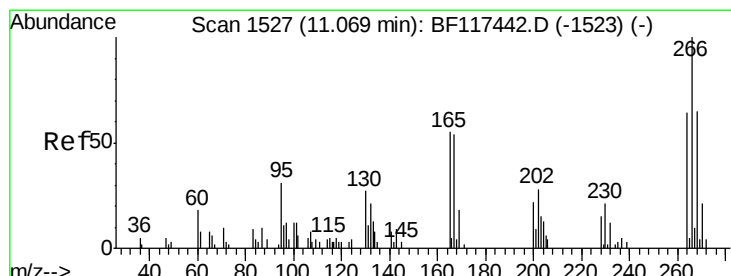
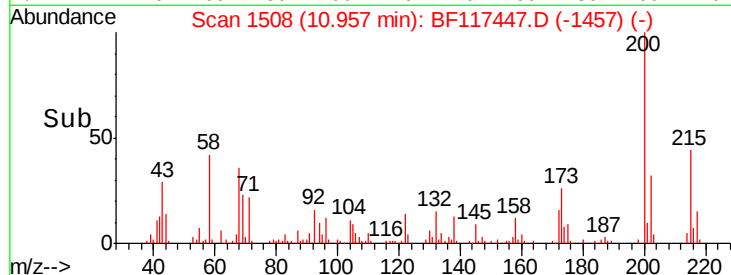
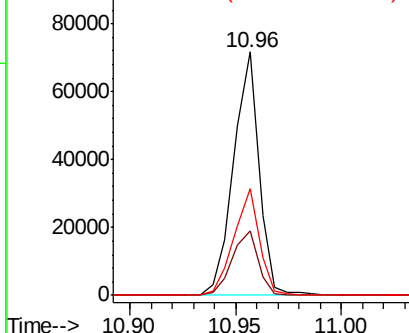


Abundance

Ion 200.00 (199.70 to 200.70): E

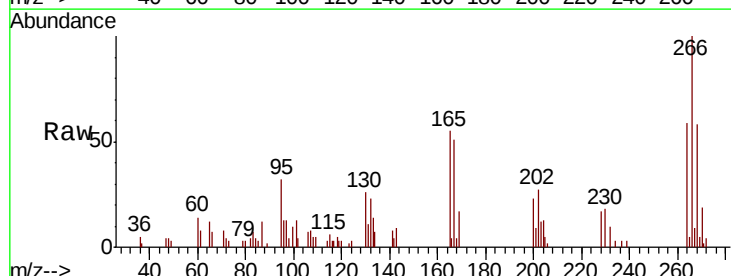
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 40.992 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. -0.00 min
 Lab File: BF117447.D
 Acq: 18 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	58.1	51.6	77.4
264	59.1	51.4	77.2

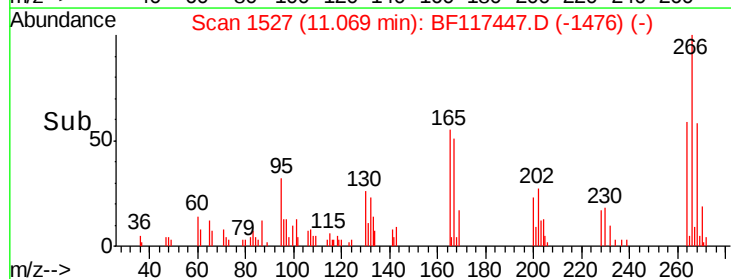
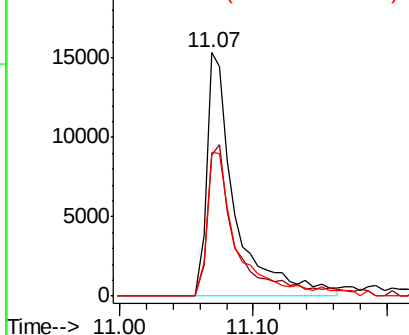


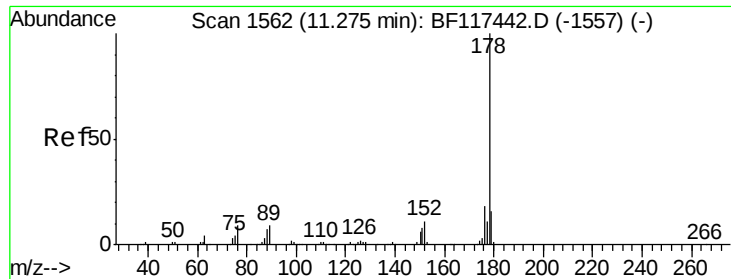
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

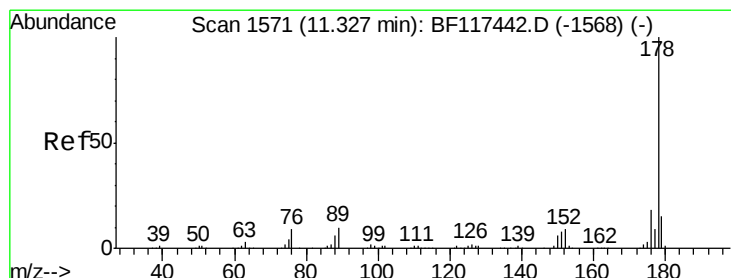
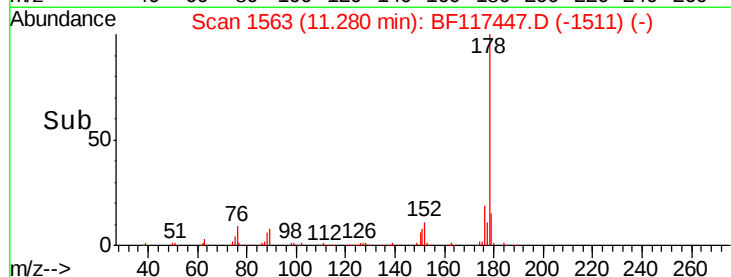
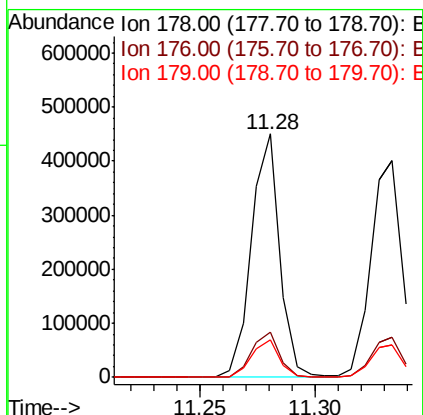
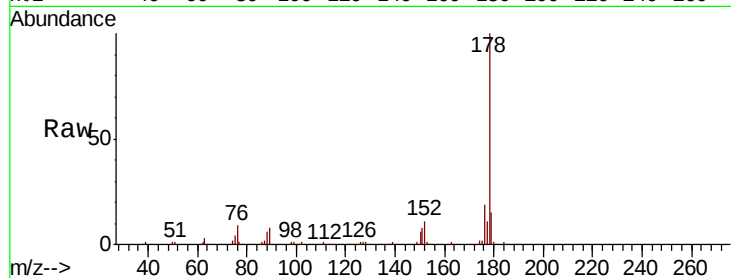




#71
Phenanthrene
Concen: 41.504 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

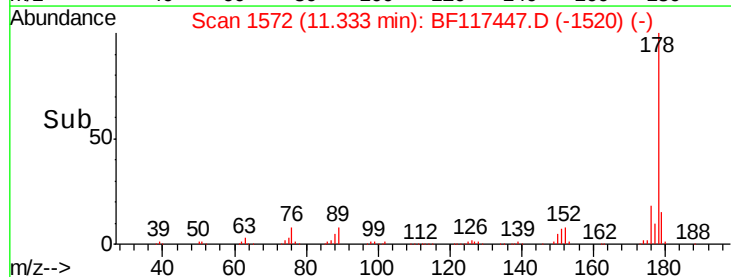
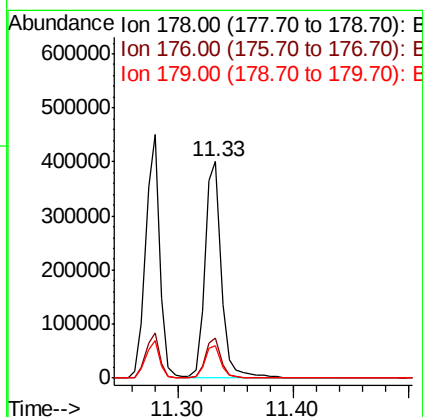
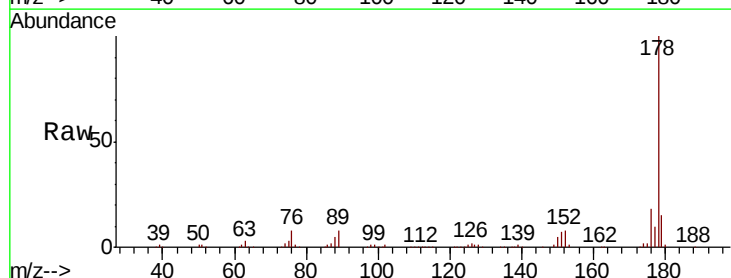
Instrument :
BNA_F
ClientSampleId :

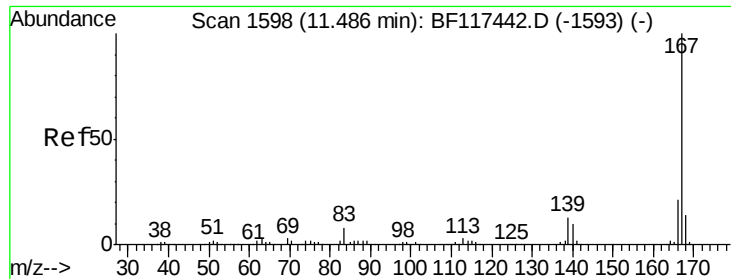
Tot Ion:178 Resp: 386763
Ion Ratio Lower Upper
178 100
176 18.6 14.6 22.0
179 15.2 12.6 19.0



#72
Anthracene
Concen: 41.488 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

Tgt Ion:178 Resp: 396682
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 14.8 12.2 18.2

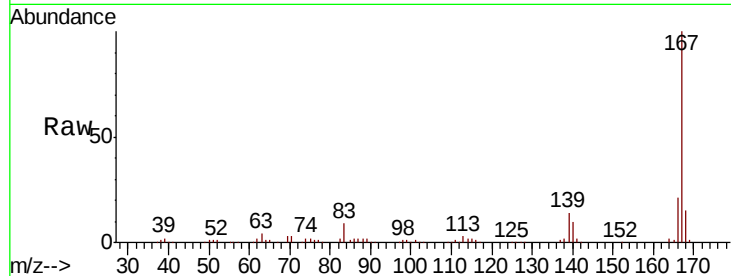




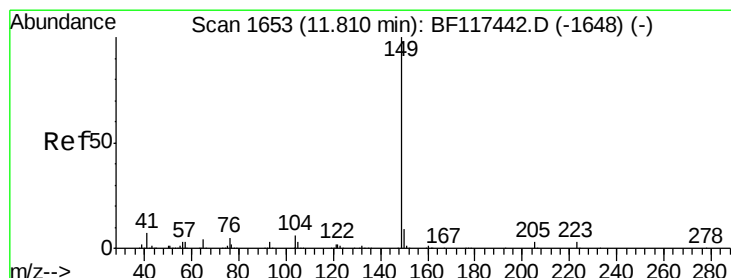
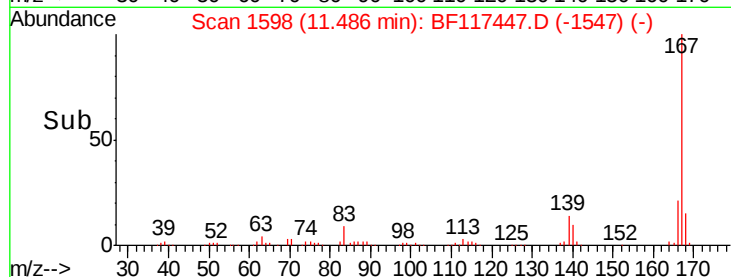
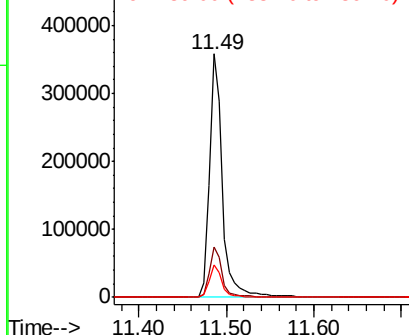
#73
 Carbazole
 Concen: 41.915 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF117447.D
 Acq: 18 Oct 2019 18:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:167 Resp: 366248
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.0 25.6
 139 13.5 10.6 16.0

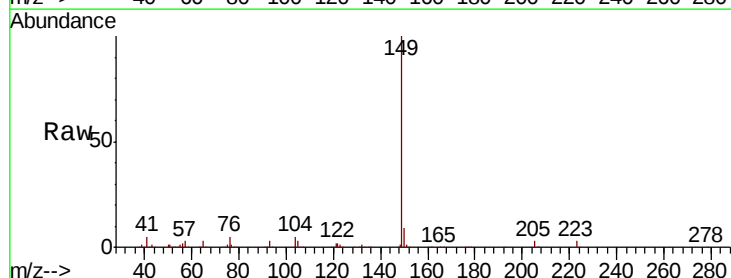


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

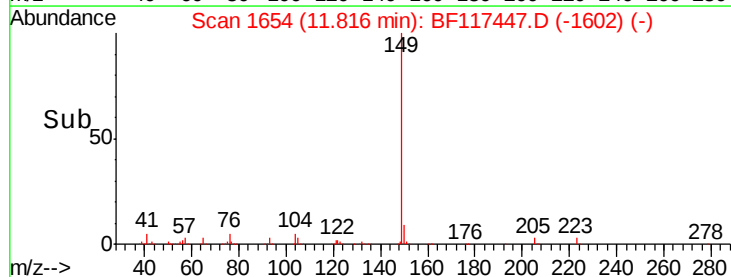
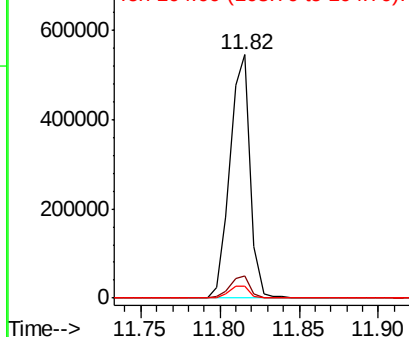


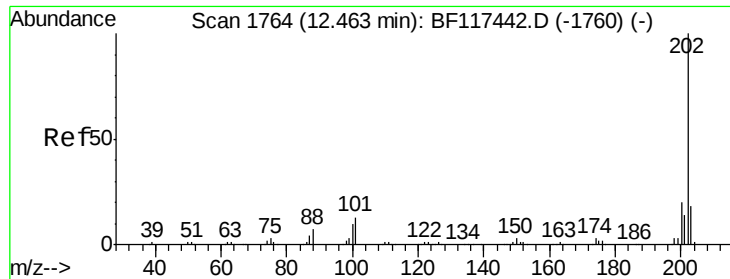
#74
 Di-n-butylphthalate
 Concen: 41.402 ng
 RT: 11.82 min Scan# 1654
 Delta R.T. 0.01 min
 Lab File: BF117447.D
 Acq: 18 Oct 2019 18:53

Tgt Ion:149 Resp: 483386
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.5 11.3
 104 4.8 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.071 ng

RT: 12.47 min Scan# 1765

Delta R.T. 0.01 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

Instrument :

BNA_F

ClientSampled :

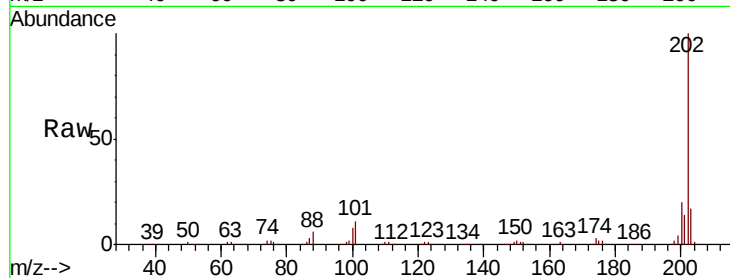
Tot Ion:202 Resp: 392466

Ion Ratio Lower Upper

202 100

101 10.8 0.0 32.7

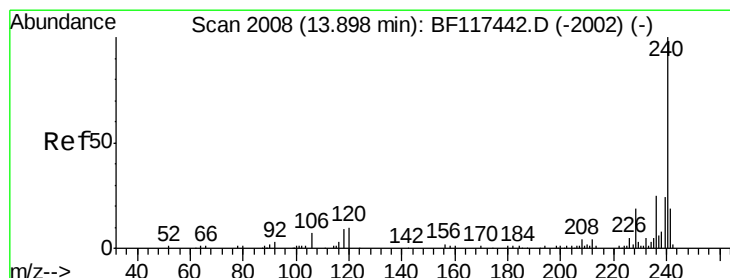
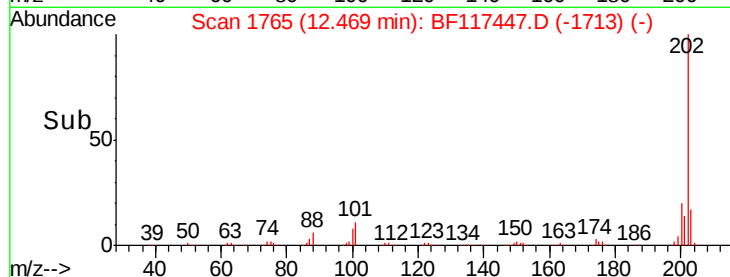
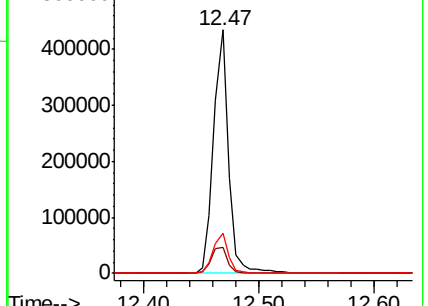
203 16.6 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

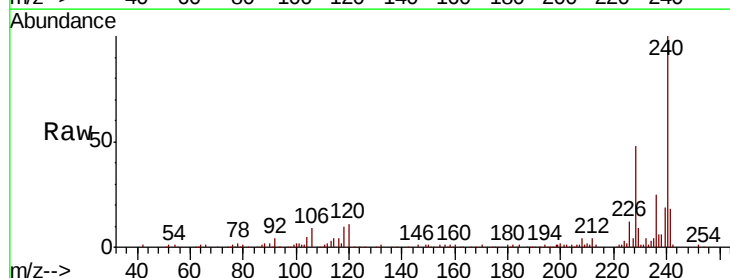
Tgt Ion:240 Resp: 116220

Ion Ratio Lower Upper

240 100

120 11.4 8.4 12.6

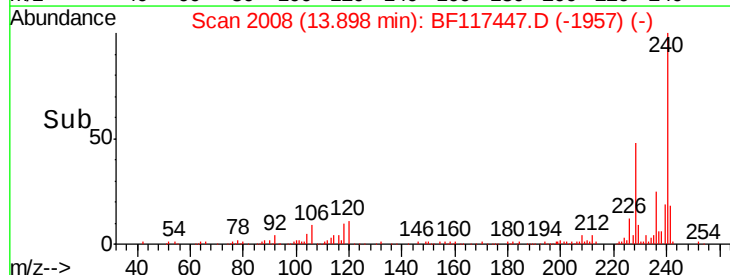
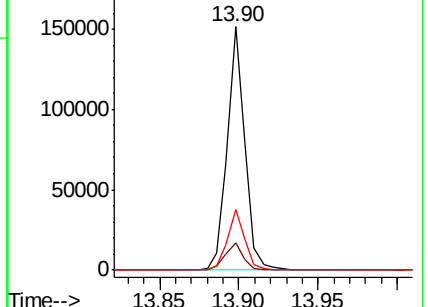
236 24.8 20.0 30.0

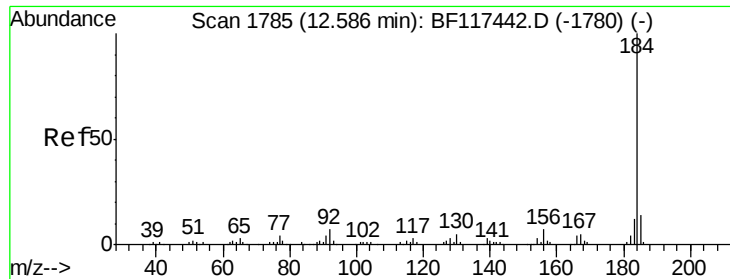


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.231 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

Instrument :

BNA_F

ClientSampled :

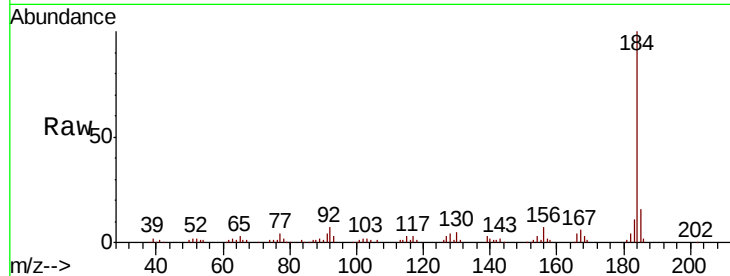
Tot Ion:184 Resp: 123876

Ion Ratio Lower Upper

184 100

185 16.4 11.4 17.0

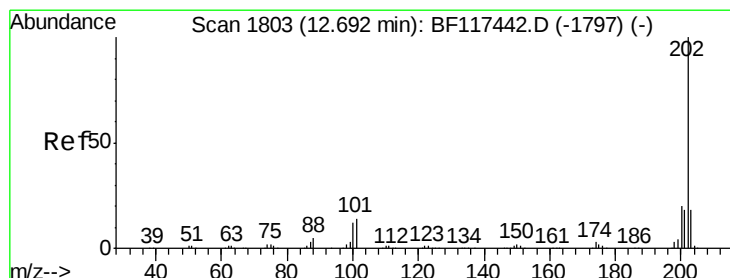
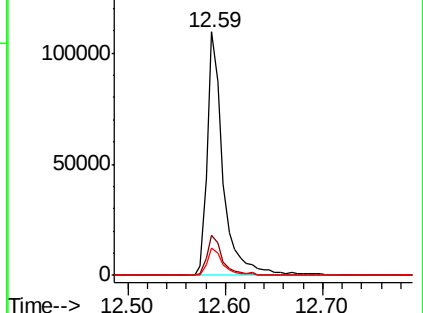
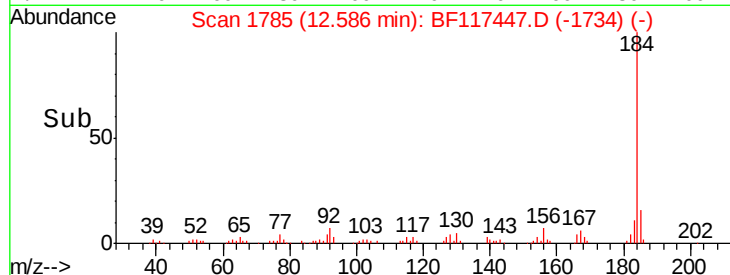
183 11.3 9.6 14.4



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: 39.378 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.01 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

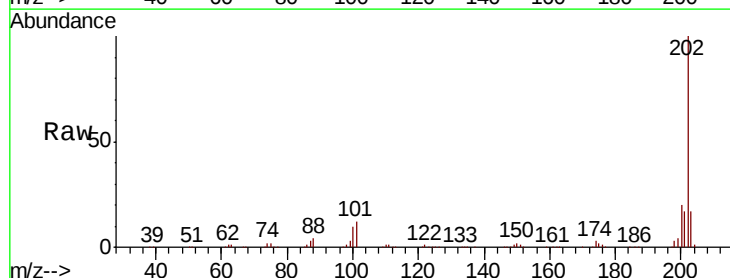
Tgt Ion:202 Resp: 393099

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.2

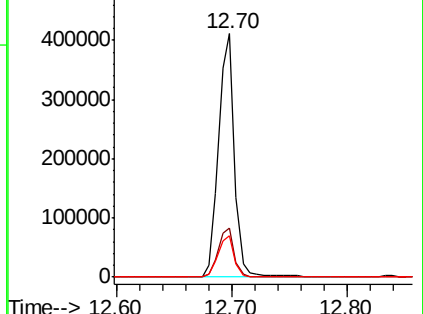
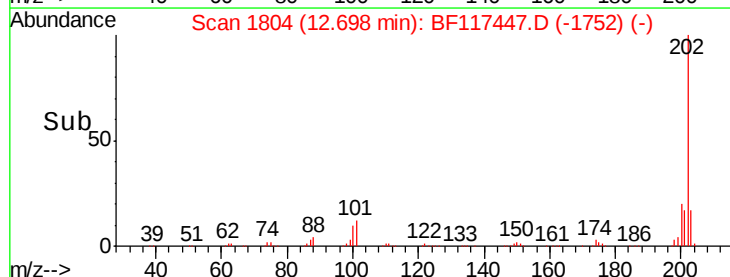
203 17.0 14.0 21.0

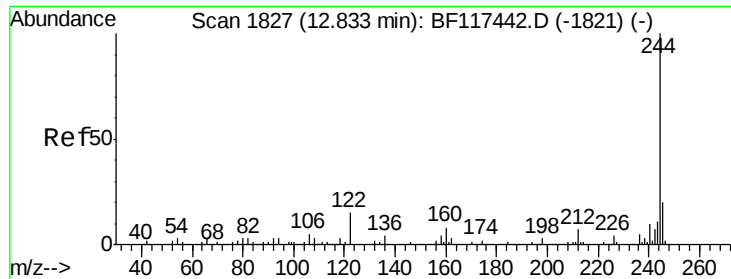


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.628 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

Instrument :

BNA_F

ClientSampleId :

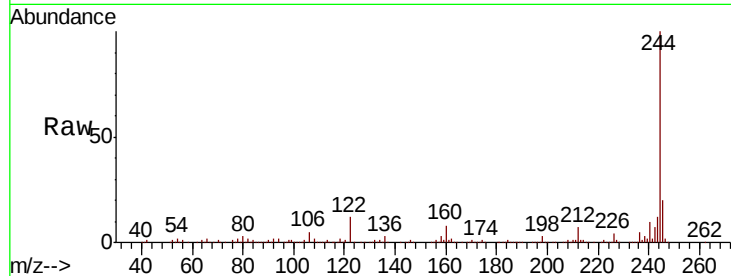
Tot Ion:244 Resp: 560241

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

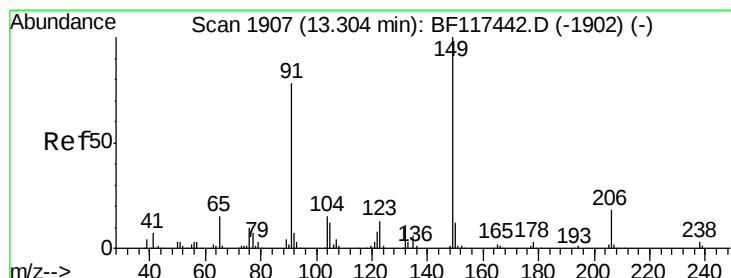
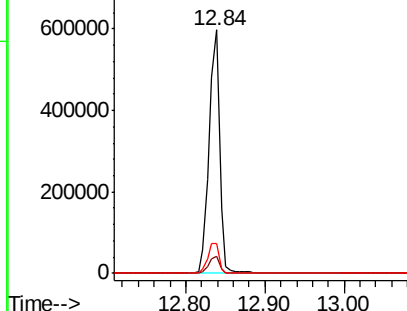
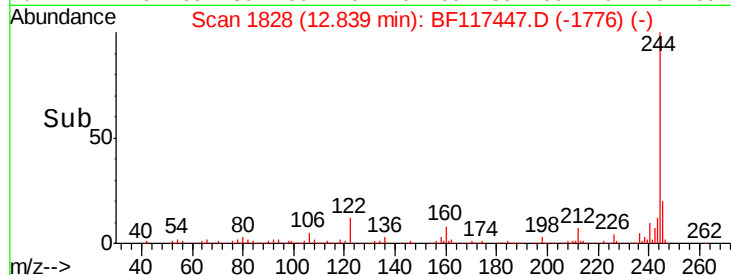
122 12.1 11.8 17.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.102 ng

RT: 13.30 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

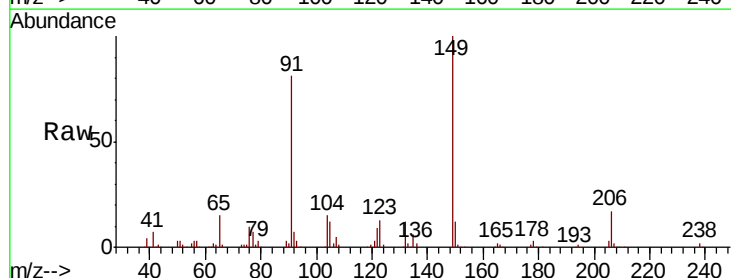
Tgt Ion:149 Resp: 199211

Ion Ratio Lower Upper

149 100

91 81.1 62.1 93.1

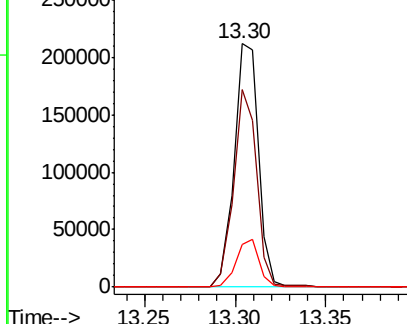
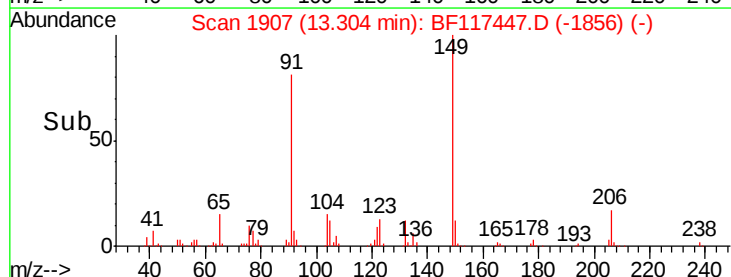
206 17.4 14.3 21.5

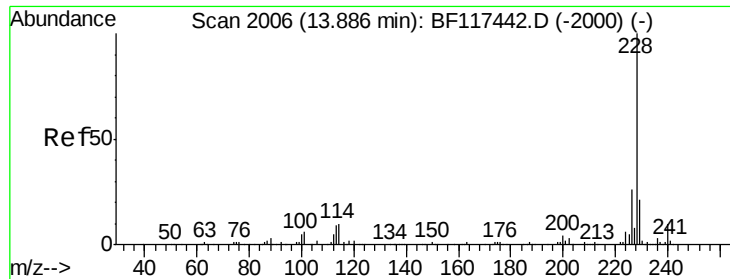


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.436 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

Instrument :

BNA_F

ClientSampleId :

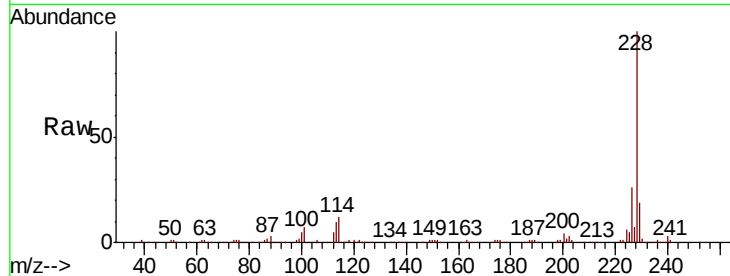
Tot Ion:228 Resp: 324839

Ion Ratio Lower Upper

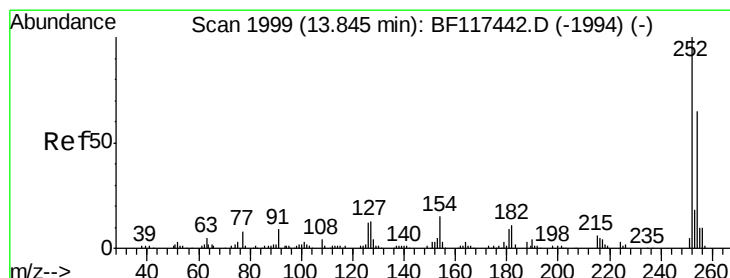
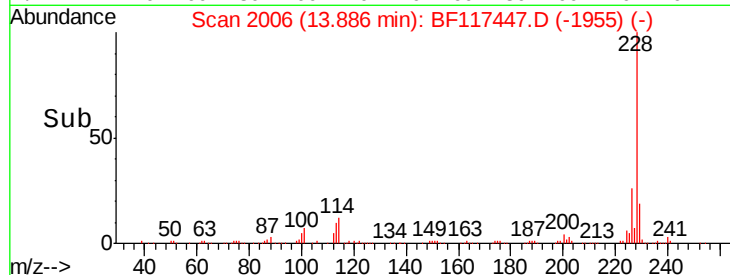
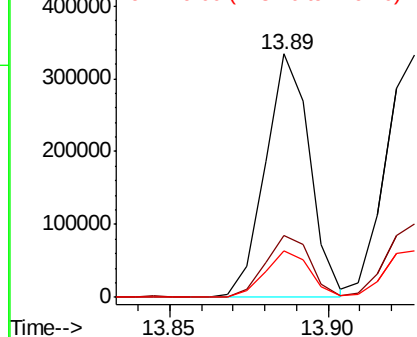
228 100

226 25.6 21.0 31.4

229 19.2 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: 41.892 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

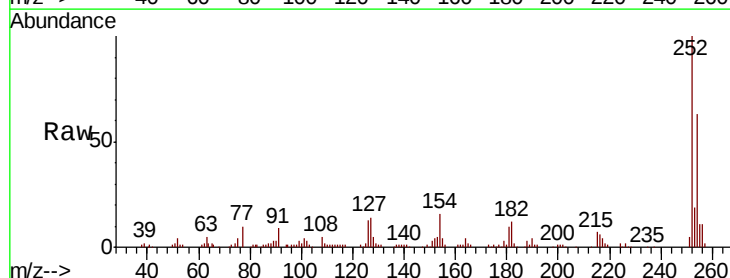
Tgt Ion:252 Resp: 103054

Ion Ratio Lower Upper

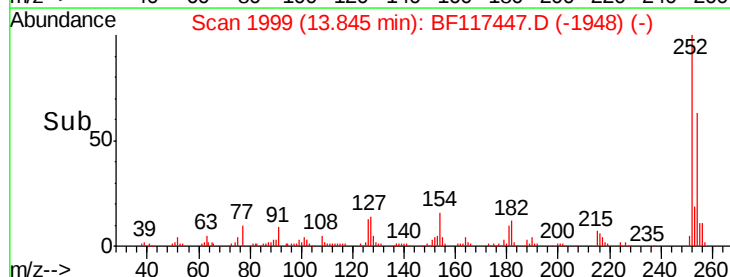
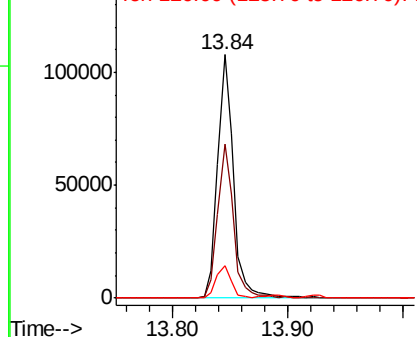
252 100

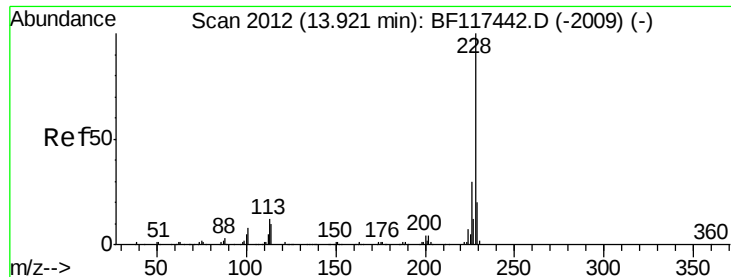
254 63.3 52.2 78.4

126 13.1 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

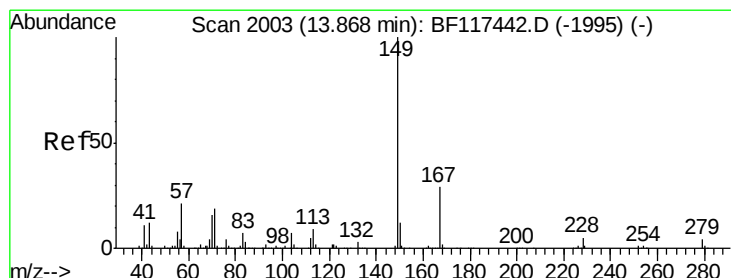
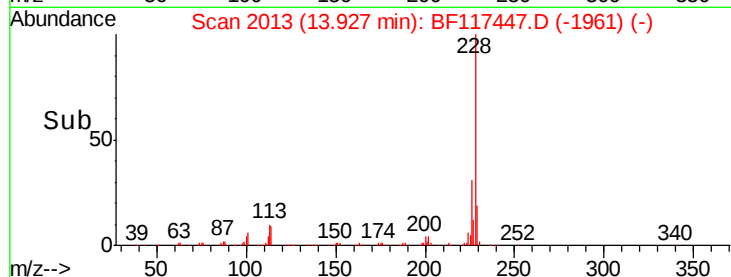
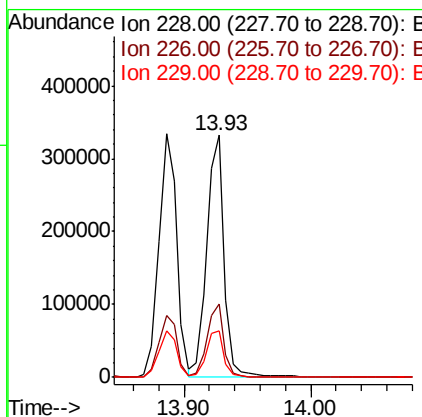
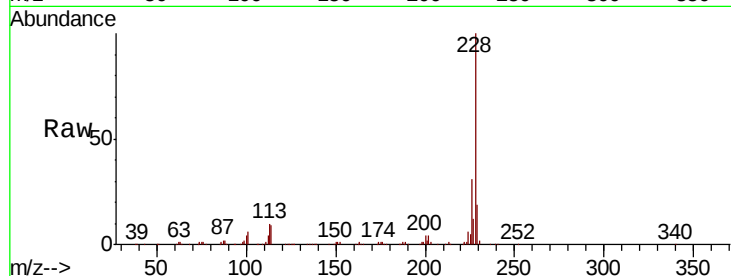




#83
 Chrvsene
 Concen: 41.333 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF117447.D
 Acq: 18 Oct 2019 18:53

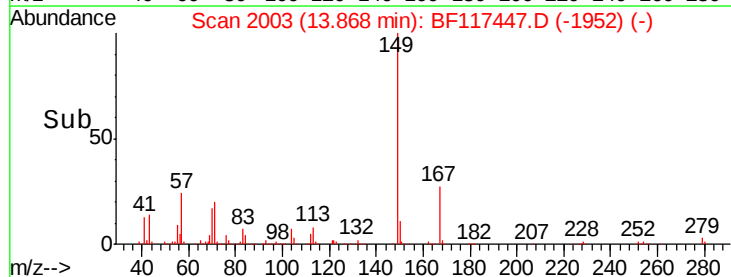
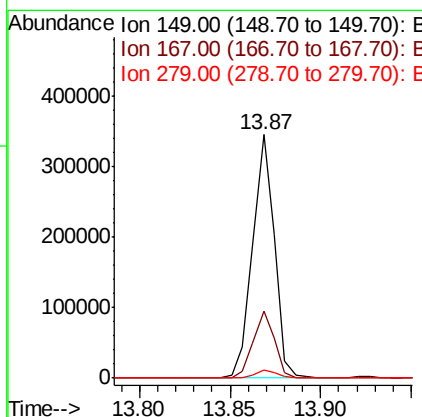
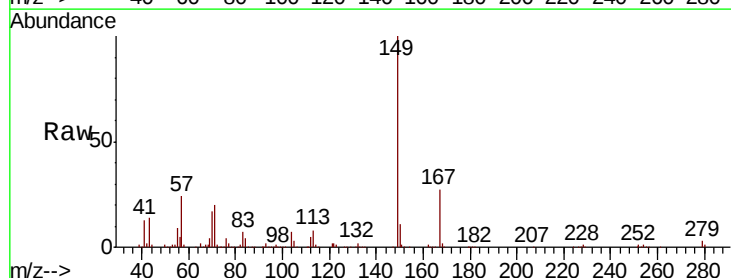
Instrument :
 BNA_F
 ClientSampleId :

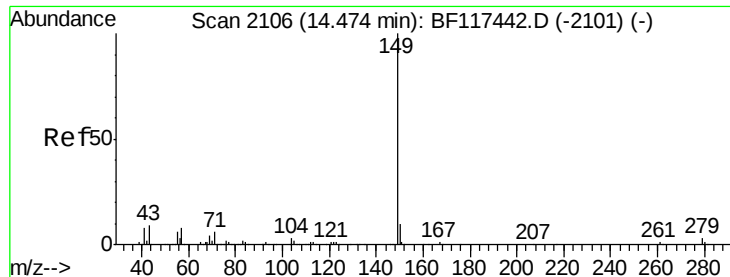
Tot Ion:228 Resp: 317568
 Ion Ratio Lower Upper
 228 100
 226 30.5 23.9 35.9
 229 19.2 15.8 23.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.619 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF117447.D
 Acq: 18 Oct 2019 18:53

Tgt Ion:149 Resp: 289615
 Ion Ratio Lower Upper
 149 100
 167 27.3 23.3 34.9
 279 3.2 3.2 4.8#

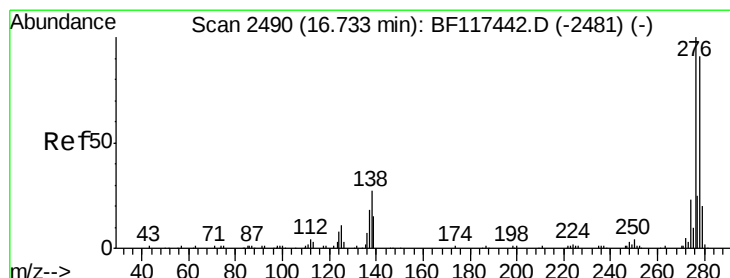
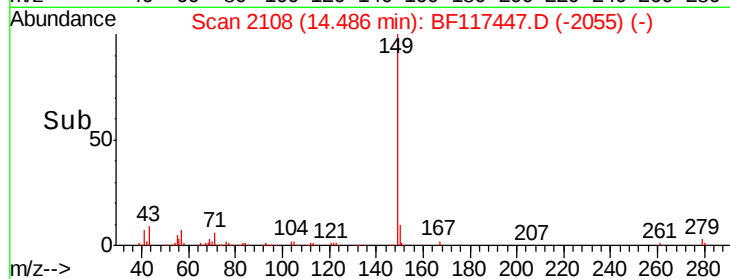
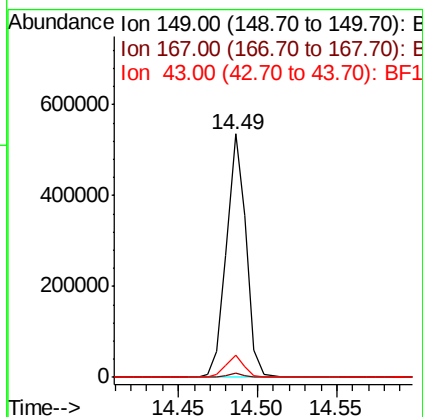
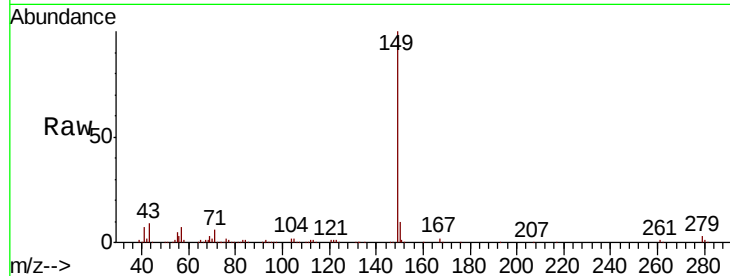




#85
Di-n-octyl phthalate
Concen: 42.814 ng
RT: 14.49 min Scan# 2108
Delta R.T. 0.01 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

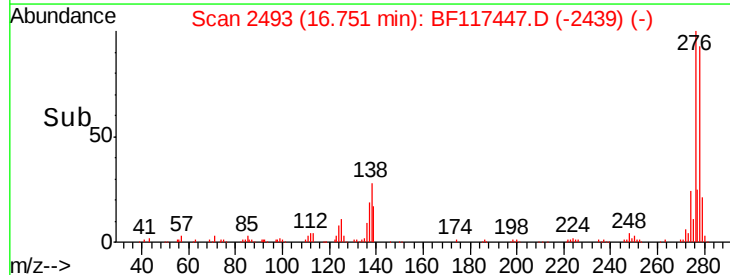
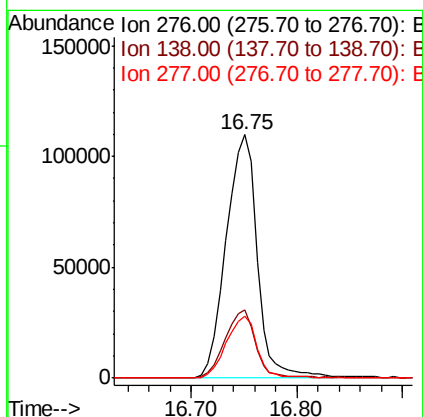
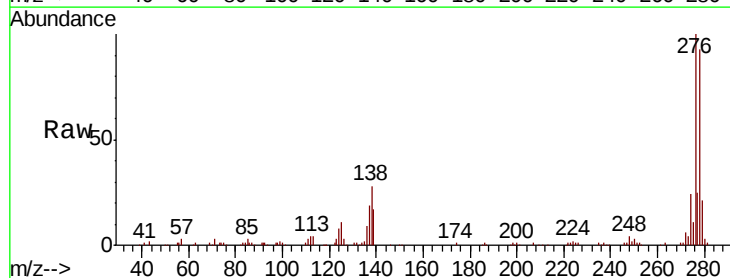
Instrument :
BNA_F
ClientSampleId :

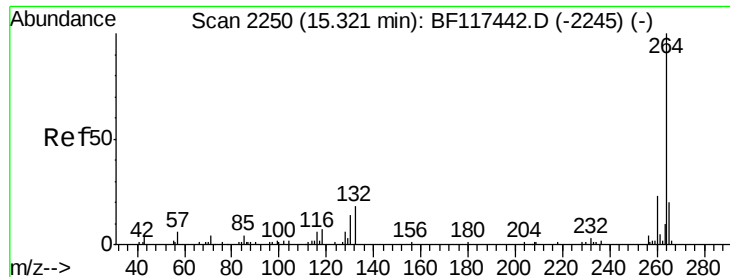
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.5	6.8	10.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.983 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.02 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.7	21.8	32.8
277	25.1	20.0	30.0

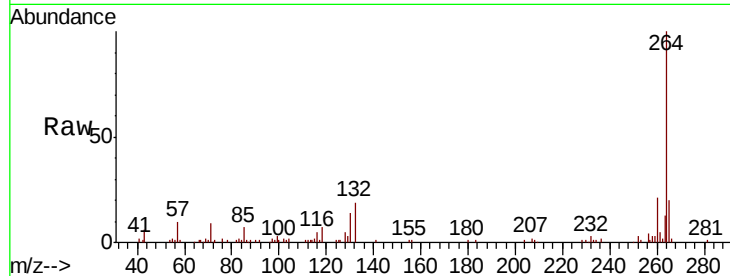




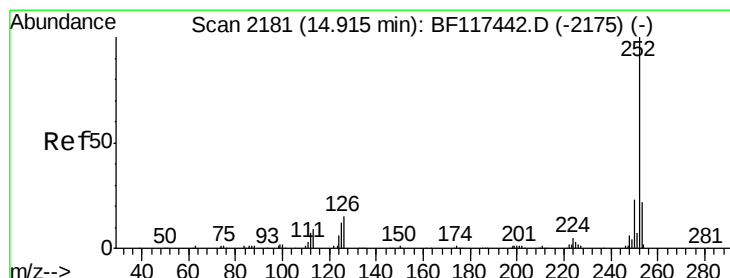
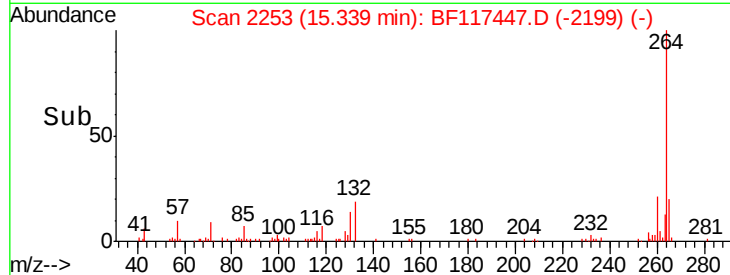
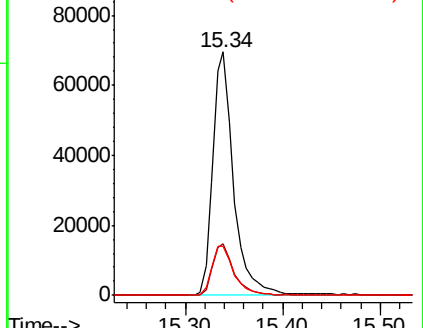
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 102969
Ion Ratio Lower Upper
264 100
260 21.4 18.4 27.6
265 20.1 16.1 24.1

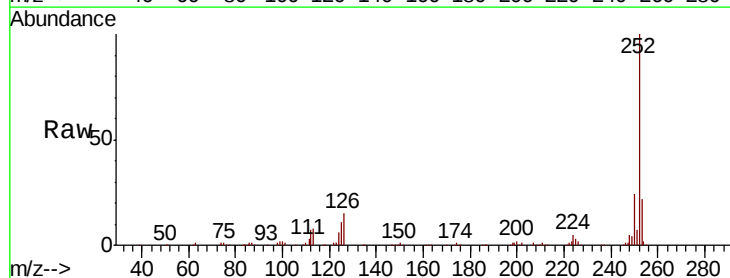


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

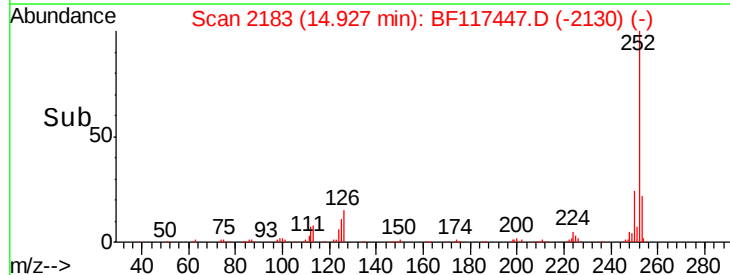
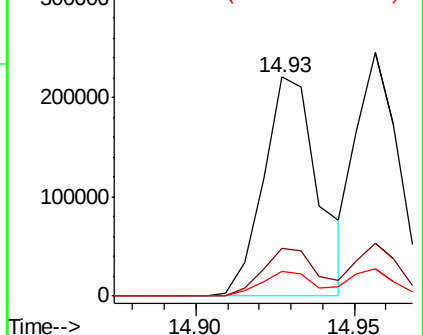


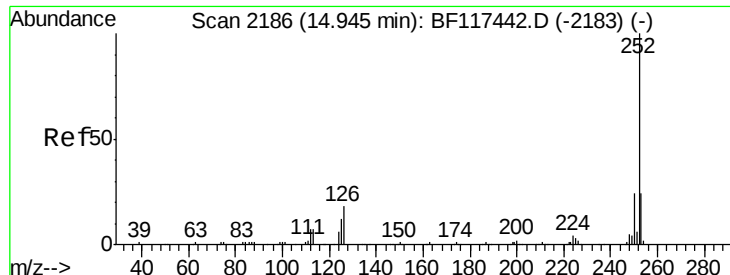
#88
Benzo(b)fluoranthene
Concen: 43.808 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF117447.D
Acq: 18 Oct 2019 18:53

Tgt Ion:252 Resp: 266370
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 11.2 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: 40.057 ng

RT: 14.96 min Scan# 2188

Delta R.T. 0.01 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

Instrument :

BNA_F

ClientSampleId :

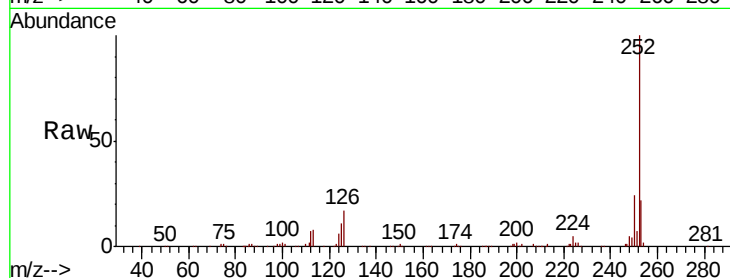
Tot Ion:252 Resp: 249639

Ion Ratio Lower Upper

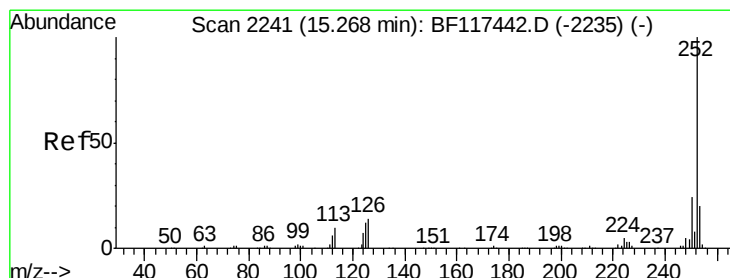
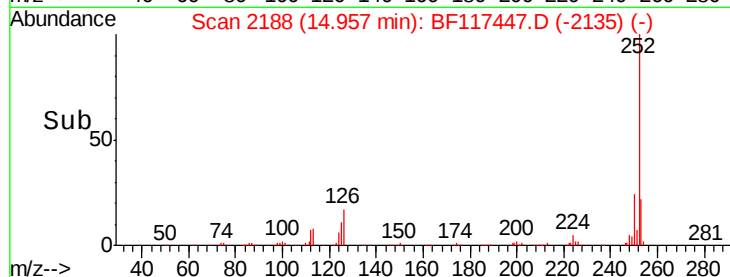
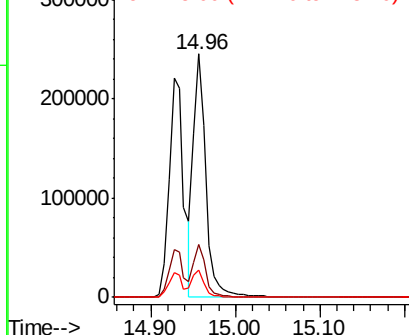
252 100

253 22.0 18.0 27.0

125 11.3 8.9 13.3



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



#90

Benzo(a)pyrene

Concen: 41.577 ng

RT: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

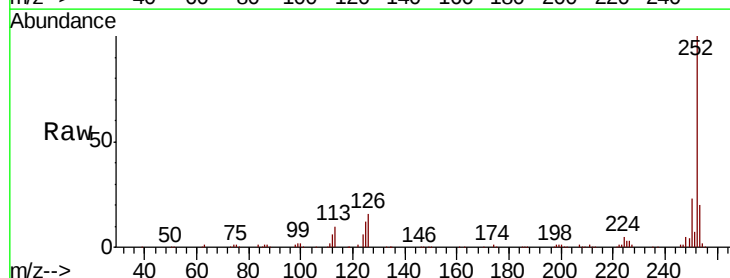
Tgt Ion:252 Resp: 229854

Ion Ratio Lower Upper

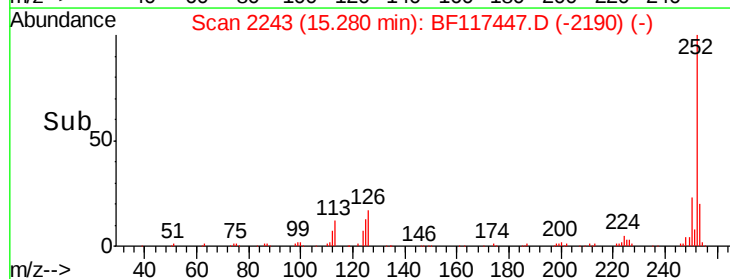
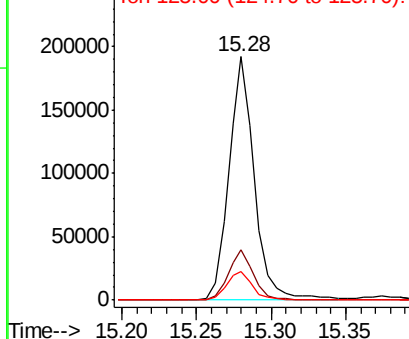
252 100

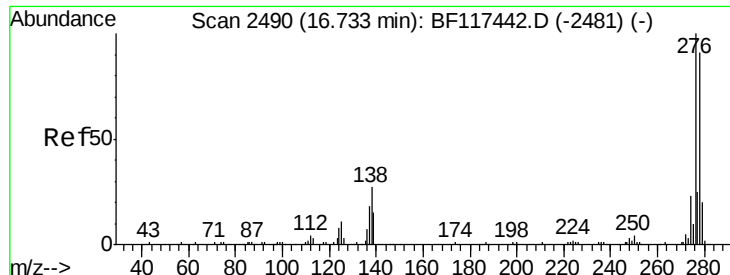
253 20.4 16.3 24.5

125 11.9 9.2 13.8



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





#91

Dibenzo(a,h)anthracene

Concen: 40.589 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.02 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

Instrument :

BNA_F

ClientSampleId :

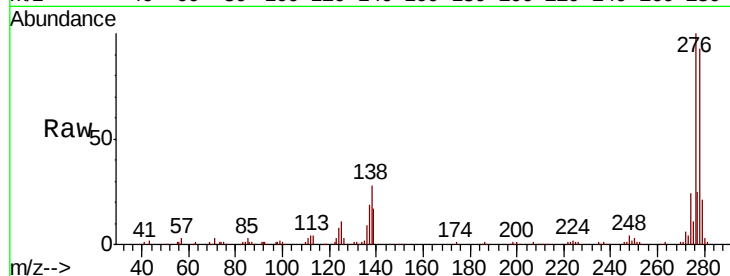
Tot Ion:278 Resp: 194028

Ion Ratio Lower Upper

278 100

139 17.8 13.4 20.0

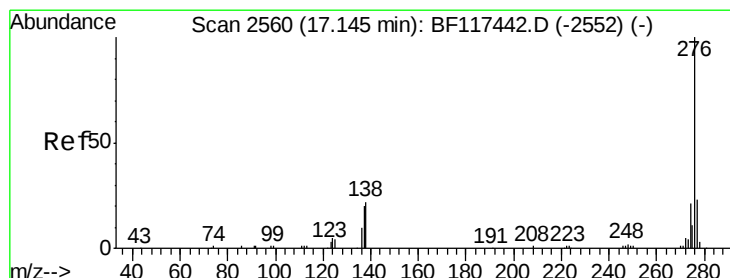
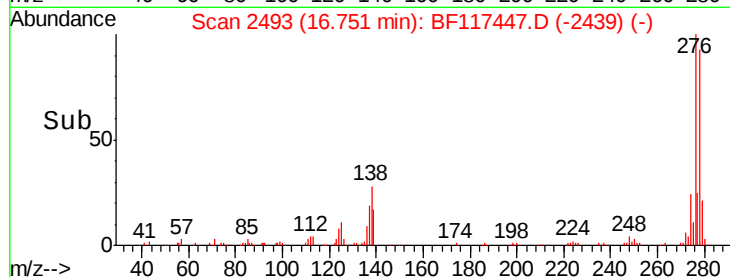
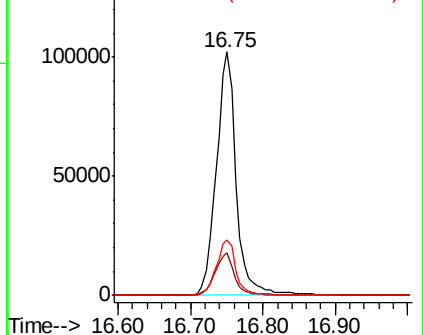
279 22.7 17.8 26.6



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: 39.779 ng

RT: 17.17 min Scan# 2564

Delta R.T. 0.02 min

Lab File: BF117447.D

Acq: 18 Oct 2019 18:53

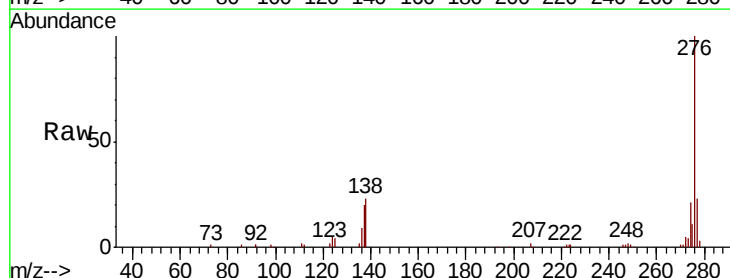
Tgt Ion:276 Resp: 179917

Ion Ratio Lower Upper

276 100

277 22.9 18.4 27.6

138 23.4 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

