

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
 Data File : BF117641.D
 Acq On : 31 Oct 2019 3:07
 Operator : JU
 Sample : PB124409BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BSD

Quant Time: Oct 31 07:57:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 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	36533	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	146132	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	70016	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	97411	20.00	ng	0.00
76) Chrysene-d12	13.90	240	71734	20.00	ng	0.00
87) Perylene-d12	15.33	264	63816	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	181961	74.10	ng	0.01
7) Phenol-d6	6.39	99	245748	74.51	ng	0.00
23) Nitrobenzene-d5	7.30	82	218526	73.82	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	37902	62.56	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	377732	76.01	ng	0.00
79) Terphenyl-d14	12.83	244	297912	67.74	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.43	88	31406	30.419	ng	# 94
3) Pyridine	3.16	79	75748	29.970	ng	98
4) n-Nitrosodimethylamine	3.10	42	30362	33.113	ng	94
6) Aniline	6.39	93	93113	24.047	ng	# 84
8) 2-Chlorophenol	6.52	128	98141	37.874	ng	98
9) Benzaldehyde	6.28	77	55980	33.469	ng	96
10) Phenol	6.40	94	117735	34.975	ng	81
11) bis(2-Chloroethyl)ether	6.46	93	95189	38.230	ng	98
12) 1,3-Dichlorobenzene	6.67	146	103372	35.748	ng	97
13) 1,4-Dichlorobenzene	6.75	146	106297	36.236	ng	96
14) 1,2-Dichlorobenzene	6.90	146	97154	35.136	ng	98
15) Benzyl Alcohol	6.89	79	85772	36.399	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	96225	35.824	ng	# 50
17) 2-Methylphenol	7.01	107	78906	37.016	ng	92
18) Hexachloroethane	7.23	117	32261	28.176	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	72490	35.988	ng	99
20) 3+4-Methylphenols	7.17	107	106223	38.007	ng	# 62
22) Acetophenone	7.15	105	144323	37.193	ng	# 93
24) Nitrobenzene	7.32	77	106120	37.430	ng	99
25) Isophorone	7.55	82	196146	38.305	ng	96
26) 2-Nitrophenol	7.63	139	40006	31.638	ng	95
27) 2,4-Dimethylphenol	7.68	122	84818	44.884	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	118334	37.451	ng	99
29) 2,4-Dichlorophenol	7.89	162	74764	37.720	ng	95
30) 1,2,4-Trichlorobenzene	7.96	180	78755	37.025	ng	99
31) Naphthalene	8.03	128	277798	38.352	ng	99
32) Benzoic acid	7.83	122	30658	23.686	ng	97
33) 4-Chloroaniline	8.10	127	60849	19.905	ng	96
34) Hexachlorobutadiene	8.15	225	42739	34.715	ng	97
35) Caprolactam	8.47	113	24726	38.833	ng	97
36) 4-Chloro-3-methylphenol	8.59	107	87451	38.686	ng	99
37) 2-Methylnaphthalene	8.72	142	186686	38.250	ng	99
38) 1-Methylnaphthalene	8.82	142	175462	38.258	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	69367	36.784	ng	98

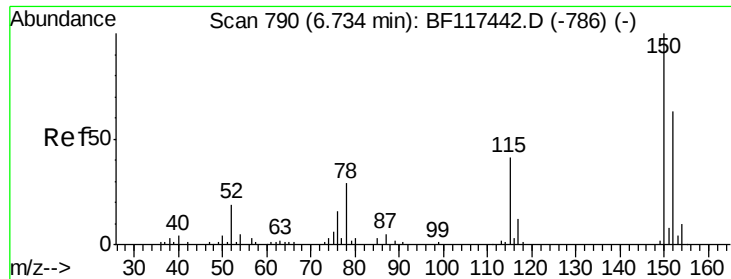
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
 Data File : BF117641.D
 Acq On : 31 Oct 2019 3:07
 Operator : JU
 Sample : PB124409BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BSD

Quant Time: Oct 31 07:57:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	707	12.050	nq	91
43) 2,4,6-Trichlorophenol	9.02	196	45211	38.284	nq	98
44) 2,4,5-Trichlorophenol	9.07	196	45924	38.376	nq #	93
46) 1,1'-Biphenyl	9.19	154	218665	37.724	nq	97
47) 2-Chloronaphthalene	9.22	162	163525	37.417	nq	96
48) 2-Nitroaniline	9.32	65	57610	40.155	nq	88
49) Acenaphthylene	9.63	152	252890	39.395	nq	99
50) Dimethylphthalate	9.49	163	194159	38.899	nq	99
51) 2,6-Dinitrotoluene	9.56	165	37492	35.995	nq #	82
52) Acenaphthene	9.80	154	148751	37.769	nq	97
53) 3-Nitroaniline	9.73	138	36451	28.843	nq	97
54) 2,4-Dinitrophenol	9.90	184	654	5.936	nq #	63
55) Dibenzofuran	9.97	168	219506	38.469	nq	98
56) 4-Nitrophenol	9.97	139	125480	208.694	nq #	13
57) 2,4-Dinitrotoluene	9.97	165	47376	34.211	nq	94
58) Fluorene	10.32	166	172215	36.497	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	30026	31.924	nq #	93
60) Diethylphthalate	10.18	149	193129	38.254	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	78724	37.186	nq	96
62) 4-Nitroaniline	10.35	138	40179	33.730	nq	96
63) Azobenzene	10.46	77	196229	37.968	nq	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	2995	6.047	nq	84
66) n-Nitrosodiphenylamine	10.42	169	153398	43.076	nq	98
67) 4-Bromophenyl-phenylether	10.79	248	41466	39.520	nq	99
68) Hexachlorobenzene	10.87	284	42542	37.860	nq	95
69) Atrazine	10.95	200	44818	49.466	nq	96
70) Pentachlorophenol	11.08	266	16300	48.389	nq	98
71) Phenanthrene	11.27	178	217825	38.510	nq	99
72) Anthracene	11.33	178	231078	39.816	nq	99
73) Carbazole	11.49	167	209158	39.435	nq	99
74) Di-n-butylphthalate	11.80	149	283841	40.052	nq	98
75) Fluoranthene	12.47	202	212747	37.572	nq	98
77) Benzidine	12.59	184	169105	Below	Cal	98
78) Pyrene	12.70	202	219917	35.692	nq	99
80) Butylbenzylphthalate	13.30	149	105793	34.504	nq	98
81) Benzo(a)anthracene	13.89	228	190870	39.446	nq	97
82) 3,3'-Dichlorobenzidine	13.84	252	67725	44.604	nq	99
83) Chrysene	13.93	228	183263	38.645	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	153566	35.754	nq #	95
85) Di-n-octyl phthalate	14.47	149	269745	40.848	nq	100
86) Indeno(1,2,3-cd)pyrene	16.76	276	110828	31.302	nq	99
88) Benzo(b)fluoranthene	14.92	252	164376	43.619	nq	97
89) Benzo(k)fluoranthene	14.95	252	143924	37.263	nq	98
90) Benzo(a)pyrene	15.28	252	129771	37.875	nq	98
91) Dibenzo(a,h)anthracene	16.75	278	94352	31.848	nq	96
92) Benzo(g,h,i)perylene	17.19	276	86876	30.992	nq #	94

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

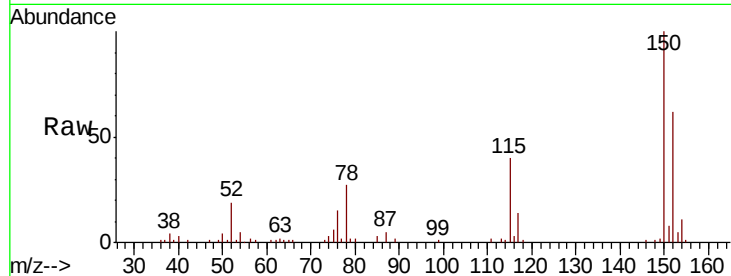


#1

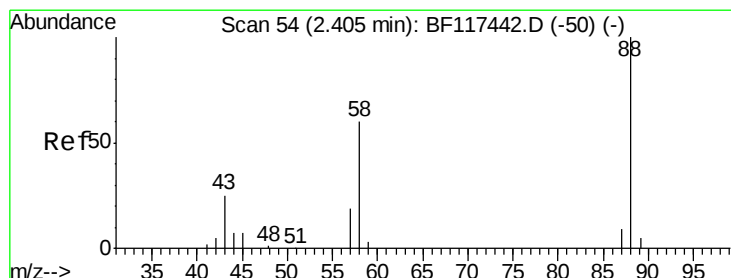
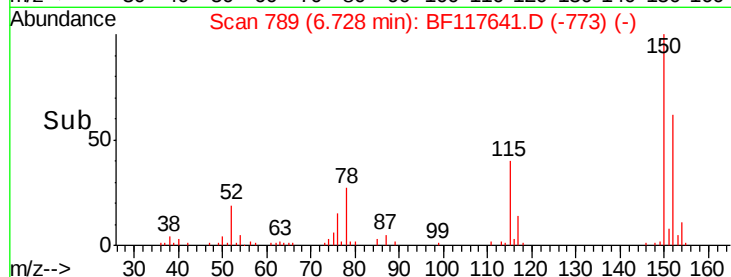
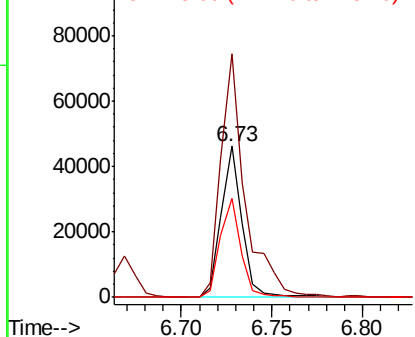
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion:152 Resp: 36533
Ion Ratio Lower Upper
152 100
150 161.0 126.8 190.2
115 65.1 51.6 77.4



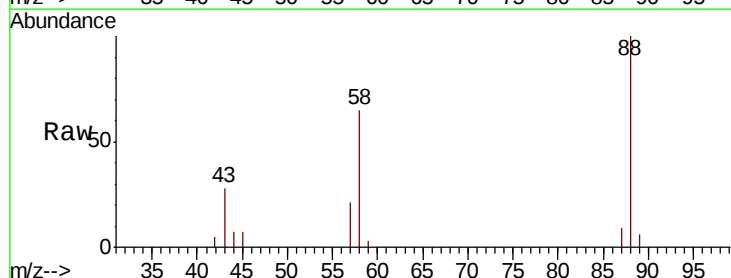
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



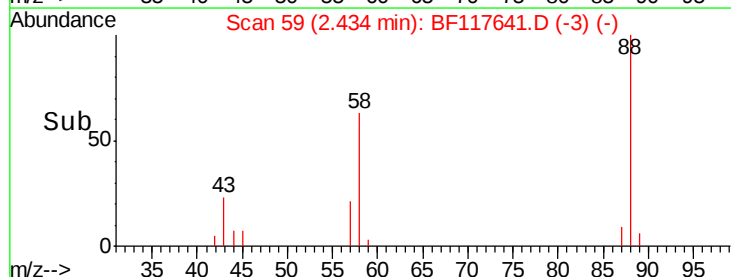
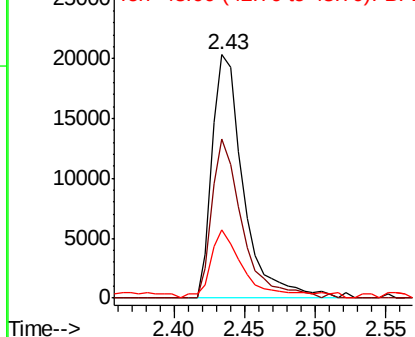
#2

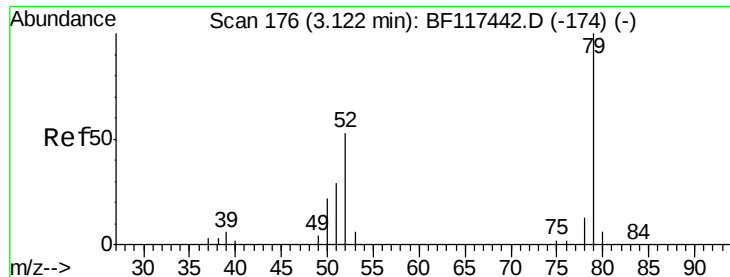
1,4-Dioxane
Concen: 30.419 ng
RT: 2.43 min Scan# 59
Delta R.T. 0.03 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Tgt Ion: 88 Resp: 31406
Ion Ratio Lower Upper
88 100
58 63.2 48.8 73.2
43 29.8 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: 29.970 ng

RT: 3.16 min Scan# 182

Delta R.T. 0.04 min

Lab File: BF117641.D

Acq: 31 Oct 2019 3:07

Instrument :

BNA_F

ClientSampleId :

PB124409BSD

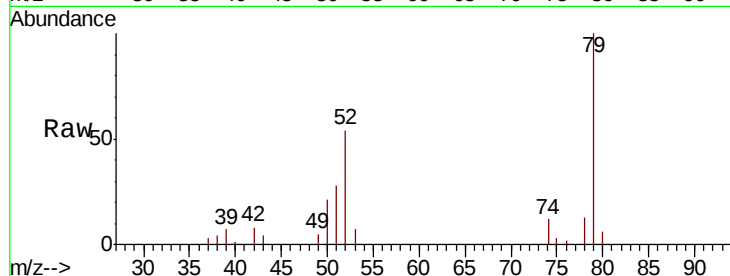
Tot Ion: 79 Resp: 75748

Ion Ratio Lower Upper

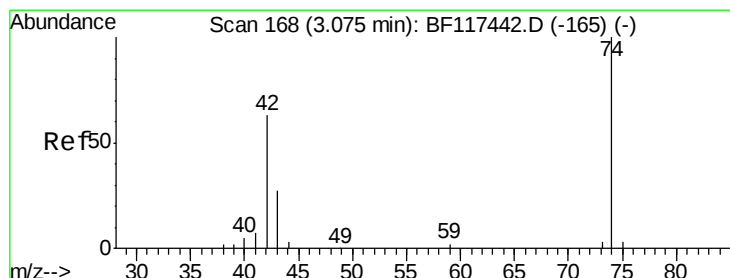
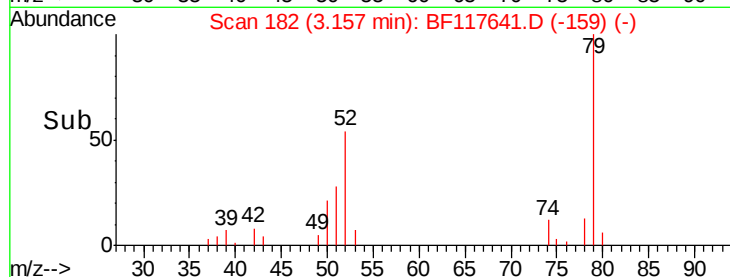
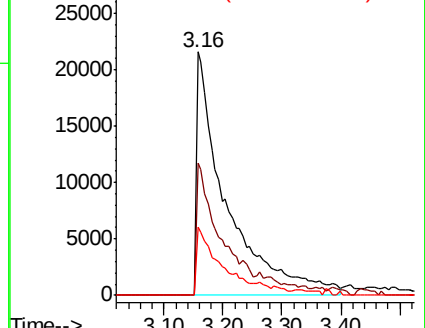
79 100

52 54.2 42.4 63.6

51 28.3 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: 33.113 ng

RT: 3.10 min Scan# 173

Delta R.T. 0.03 min

Lab File: BF117641.D

Acq: 31 Oct 2019 3:07

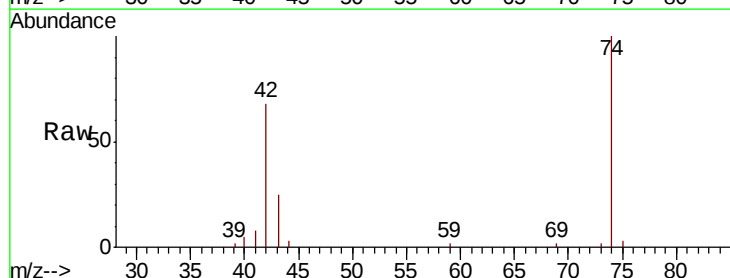
Tgt Ion: 42 Resp: 30362

Ion Ratio Lower Upper

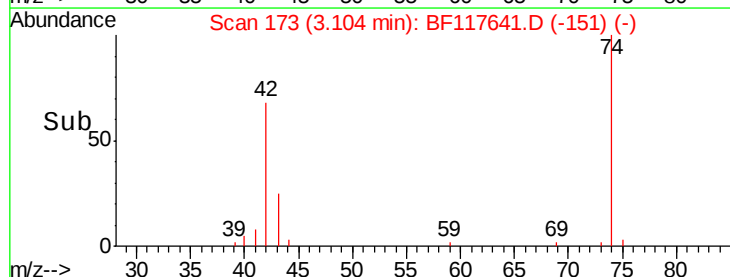
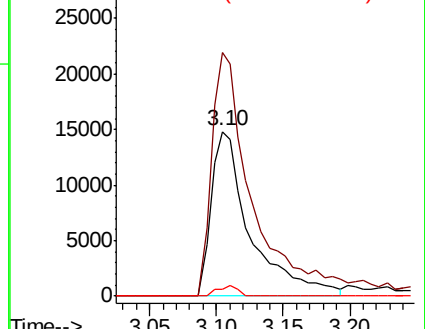
42 100

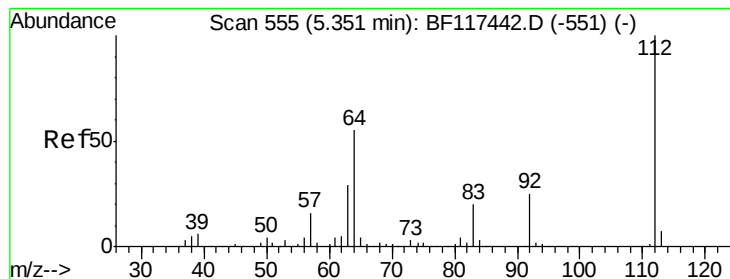
74 147.9 124.2 186.4

44 4.4 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: 74.099 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF117641.D

Acq: 31 Oct 2019 3:07

Instrument :

BNA_F

ClientSampleId :

PB124409BSD

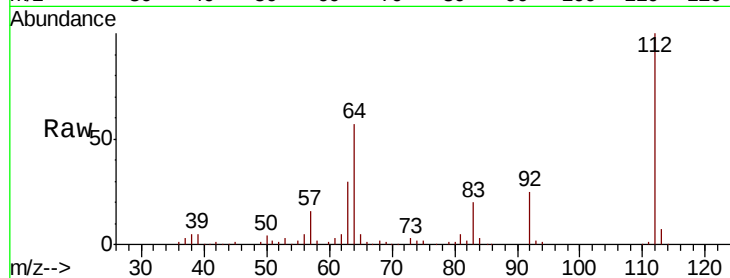
Tot Ion: 112 Resp: 181961

Ion Ratio Lower Upper

112 100

64 57.5 44.1 66.1

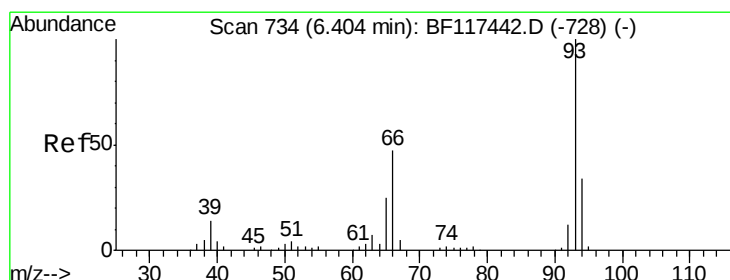
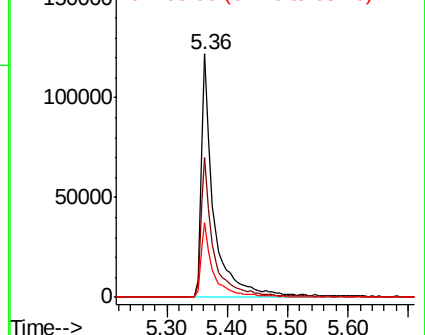
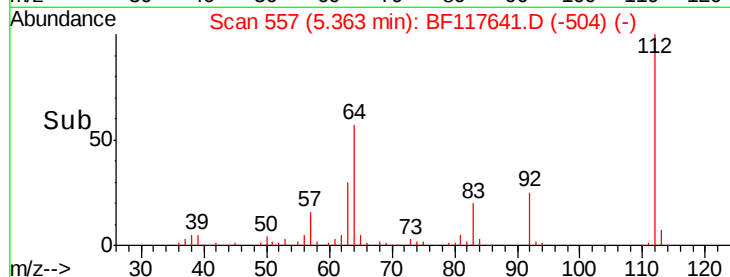
63 30.5 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.047 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF117641.D

Acq: 31 Oct 2019 3:07

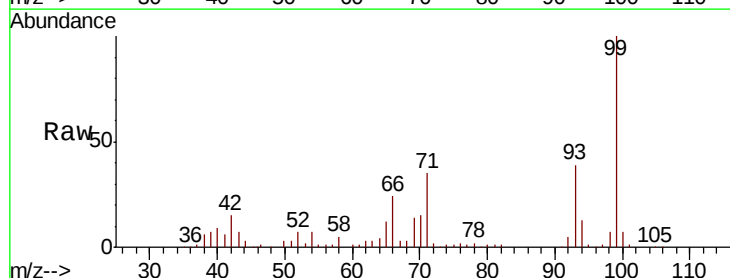
Tgt Ion: 93 Resp: 93113

Ion Ratio Lower Upper

93 100

66 60.2 38.7 58.1#

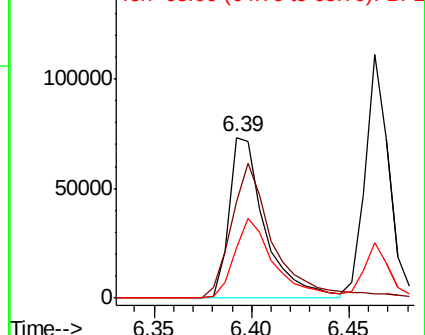
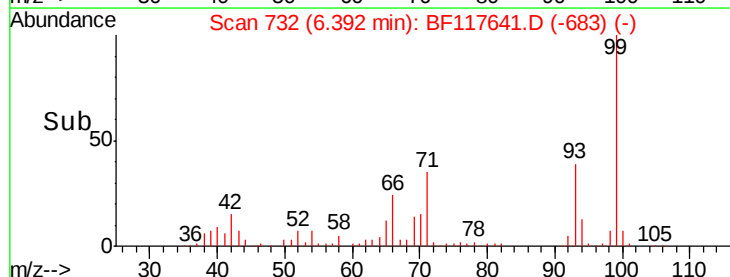
65 31.7 20.1 30.1#

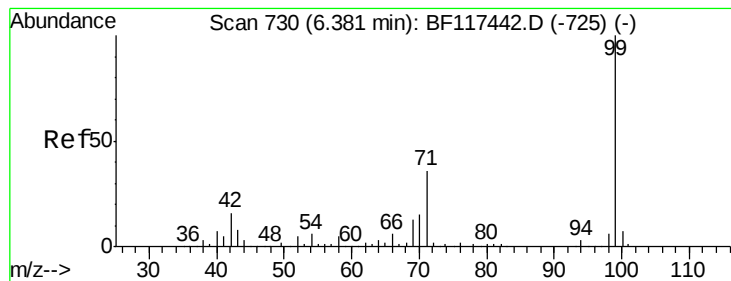


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.509 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117641.D

Acq: 31 Oct 2019 3:07

Instrument :

BNA_F

ClientSampleId :

PB124409BSD

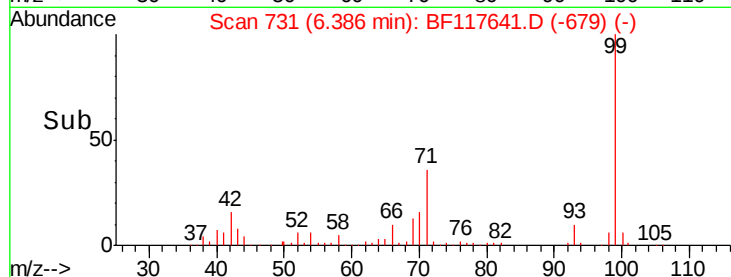
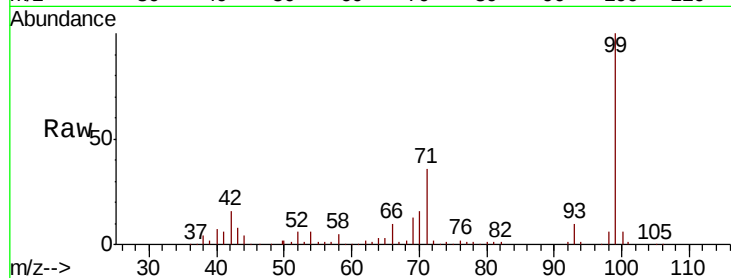
Tot Ion: 99 Resp: 245748

Ion Ratio Lower Upper

99 100

42 15.9 12.8 19.2

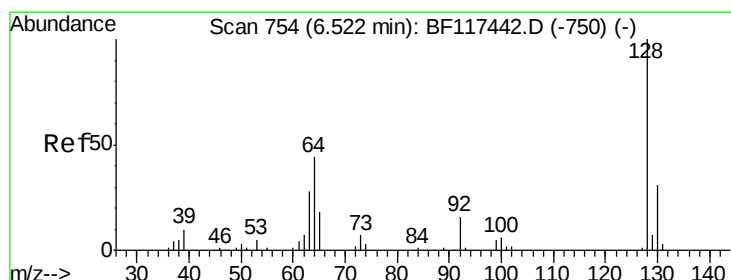
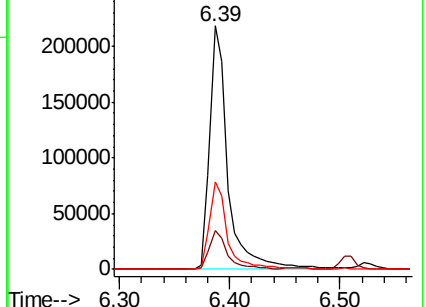
71 35.8 28.6 43.0



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: 37.874 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF117641.D

Acq: 31 Oct 2019 3:07

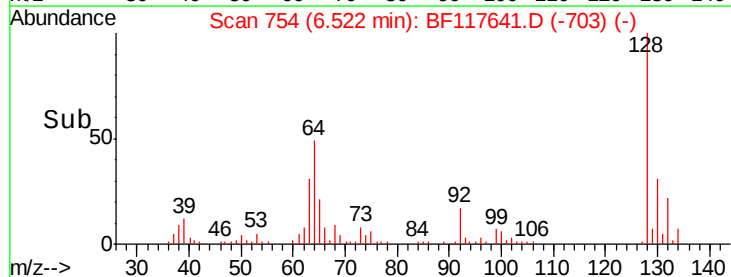
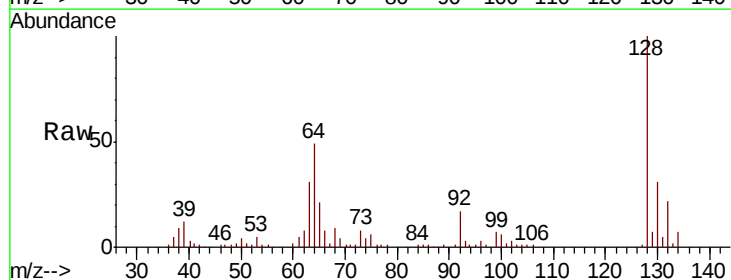
Tgt Ion:128 Resp: 98141

Ion Ratio Lower Upper

128 100

130 31.3 11.1 51.1

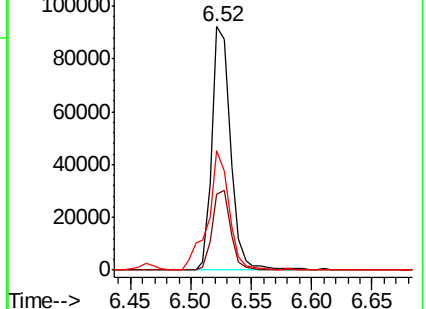
64 49.3 27.1 67.1



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

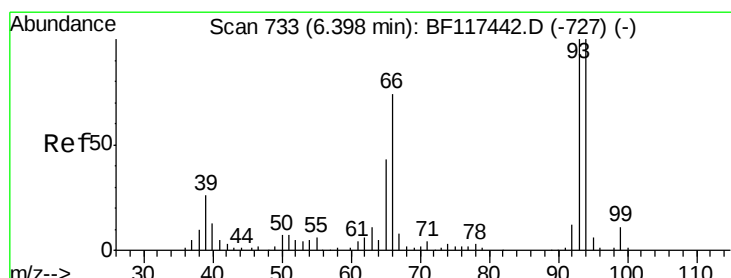
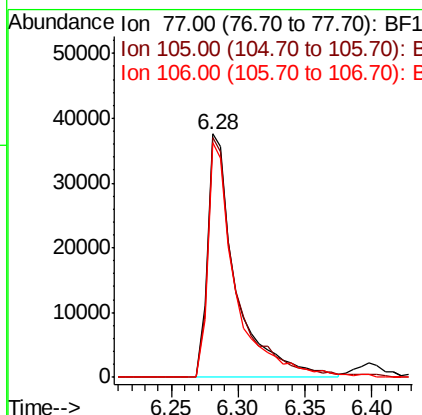
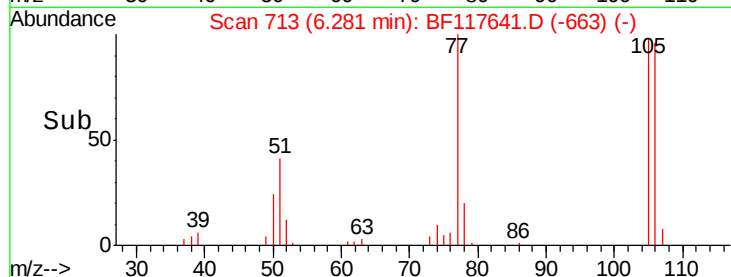
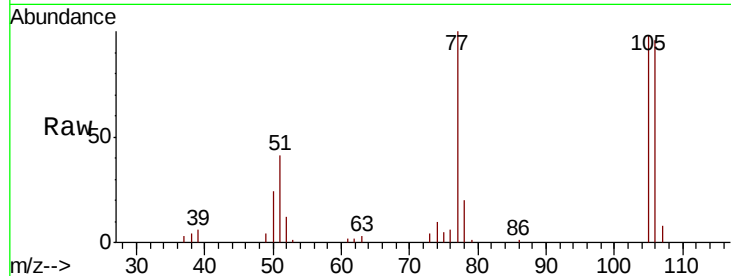




#9
Benzaldehyde
Concen: 33.469 ng
RT: 6.28 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

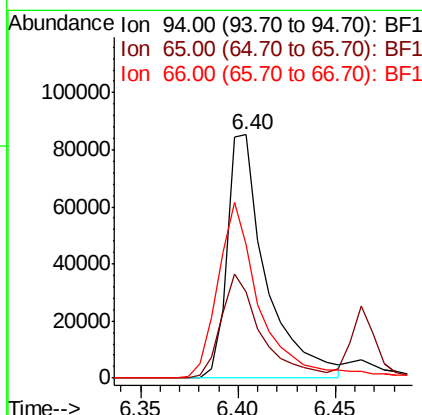
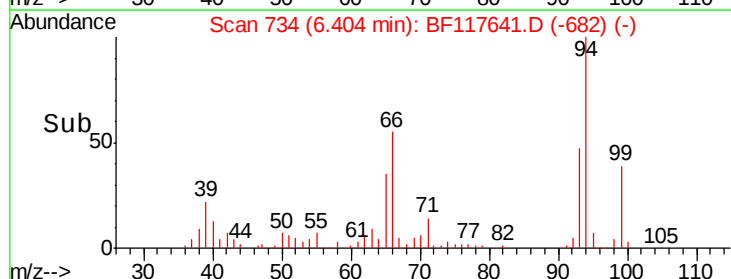
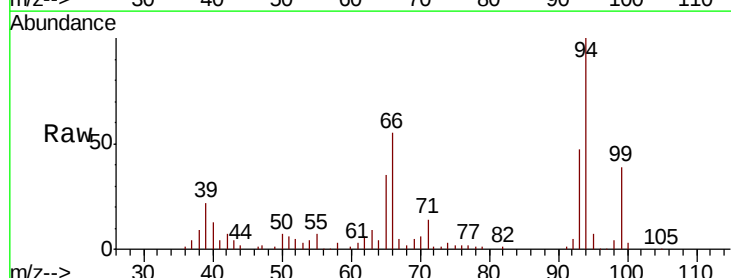
Instrument :
BNA_F
ClientSampleId :
PB124409BSD

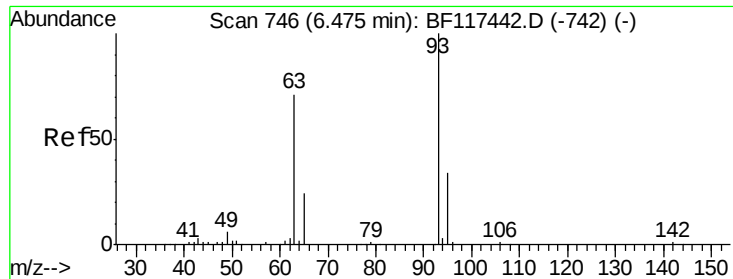
Tot Ion: 77 Resp: 55980
Ion Ratio Lower Upper
77 100
105 98.3 73.4 113.4
106 96.4 73.0 113.0



#10
Phenol
Concen: 34.975 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Tgt Ion: 94 Resp: 117735
Ion Ratio Lower Upper
94 100
65 35.4 23.4 63.4
66 54.8 54.7 94.7





#11

bis(2-Chloroethyl)ether

Concen: 38.230 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF117641.D

Acq: 31 Oct 2019 3:07

Instrument :

BNA_F

ClientSampleID :

PB124409BSD

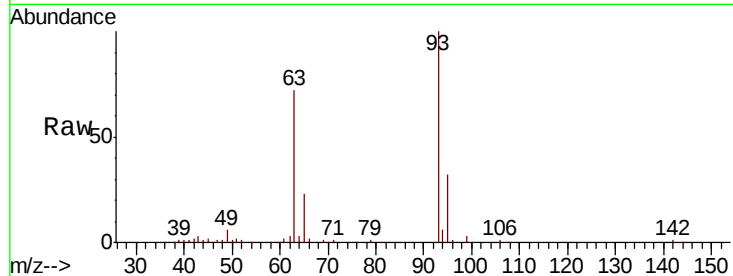
Tot Ion: 93 Resp: 95189

Ion Ratio Lower Upper

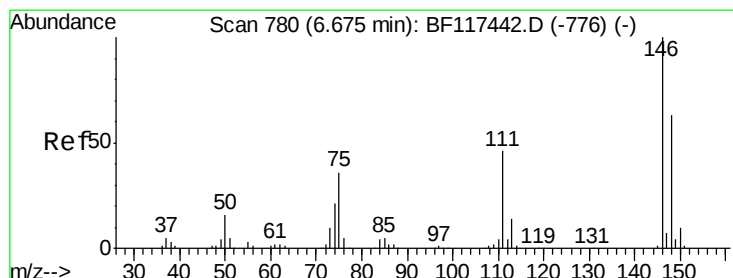
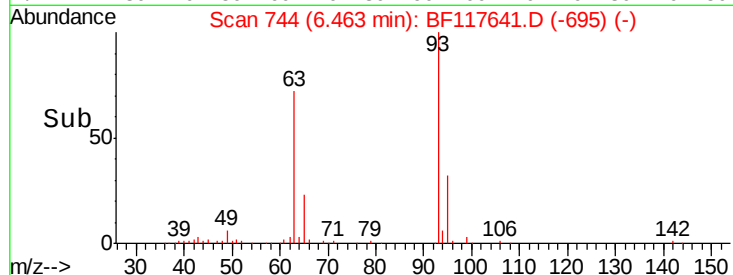
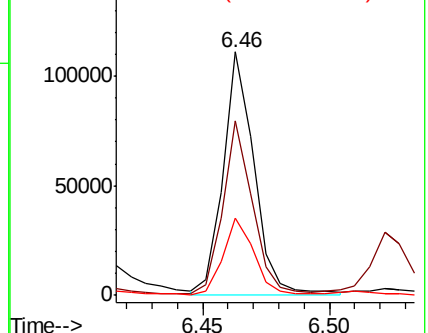
93 100

63 71.9 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: 35.748 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF117641.D

Acq: 31 Oct 2019 3:07

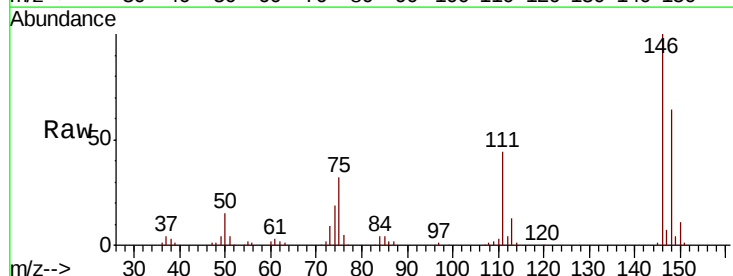
Tgt Ion: 146 Resp: 103372

Ion Ratio Lower Upper

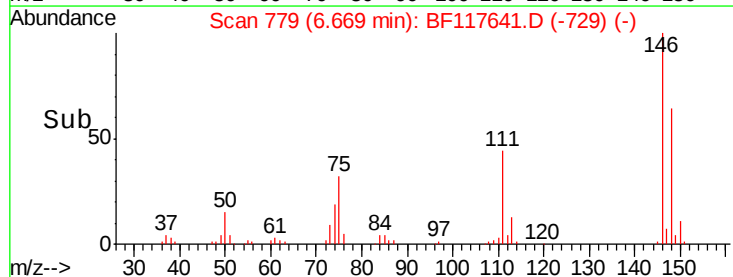
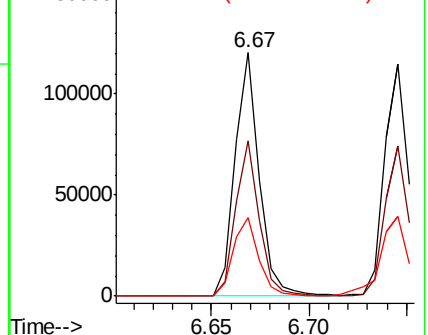
146 100

148 63.8 50.6 75.8

75 32.2 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

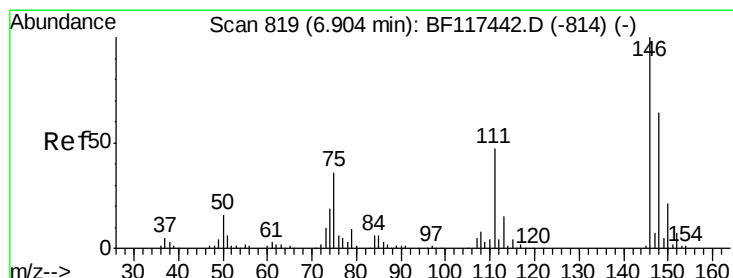
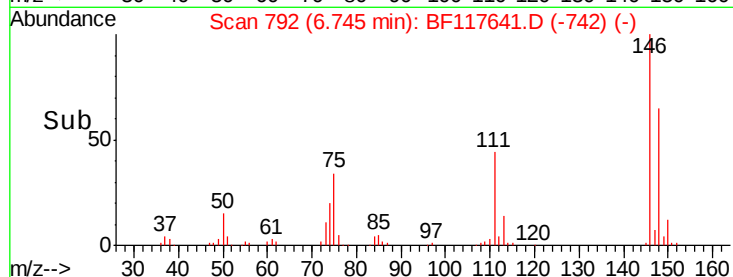
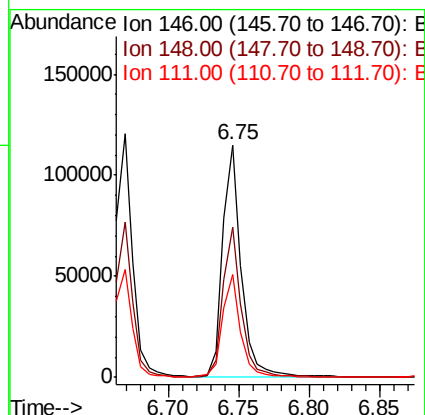
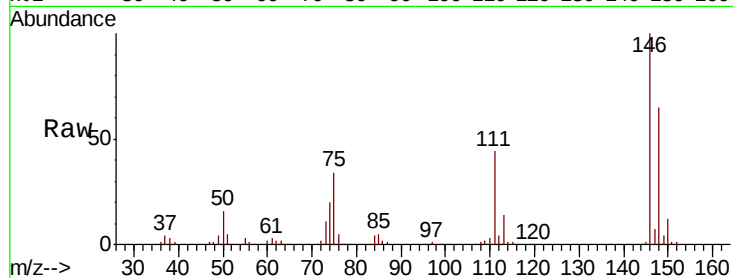




#13
 1,4-Dichlorobenzene
 Concen: 36.236 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF117641.D
 Acq: 31 Oct 2019 3:07

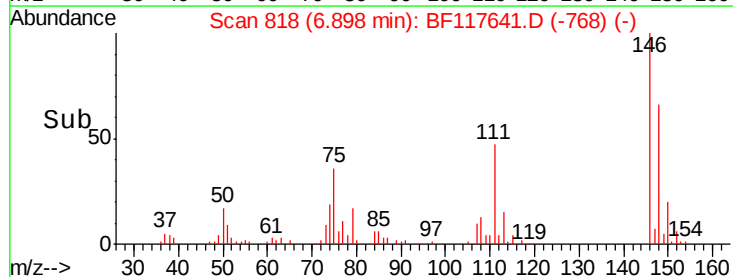
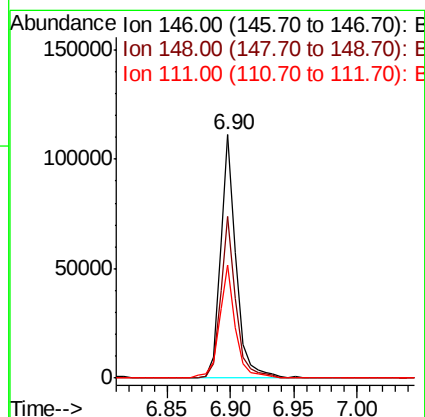
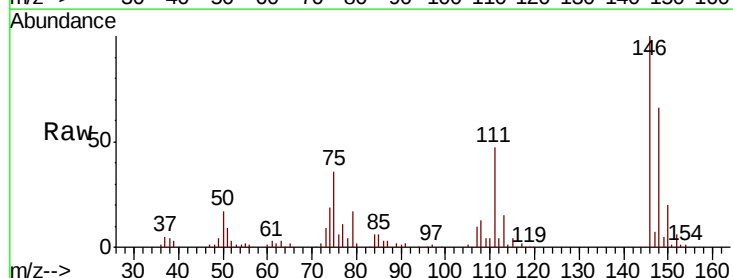
Instrument :
 BNA_F
 ClientSampleId :
 PB124409BSD

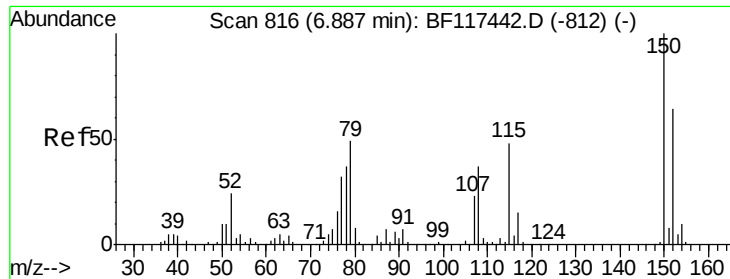
Tot Ion:146 Resp: 106297
 Ion Ratio Lower Upper
 146 100
 148 64.8 49.3 73.9
 111 44.1 33.6 50.4



#14
 1,2-Dichlorobenzene
 Concen: 35.136 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF117641.D
 Acq: 31 Oct 2019 3:07

Tgt Ion:146 Resp: 97154
 Ion Ratio Lower Upper
 146 100
 148 66.4 51.4 77.0
 111 46.6 37.7 56.5

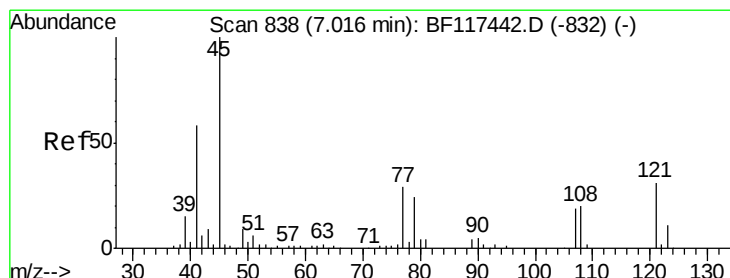
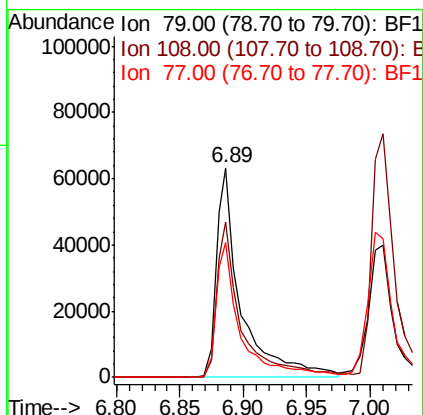
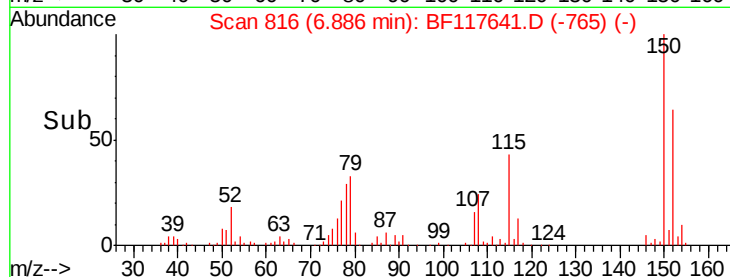
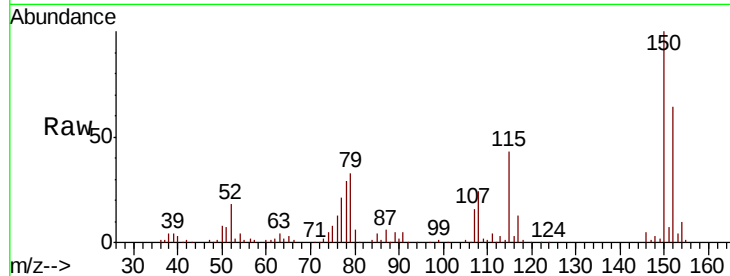




#15
Benzyl Alcohol
Concen: 36.399 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

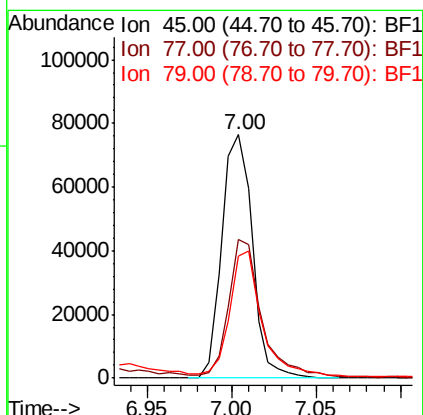
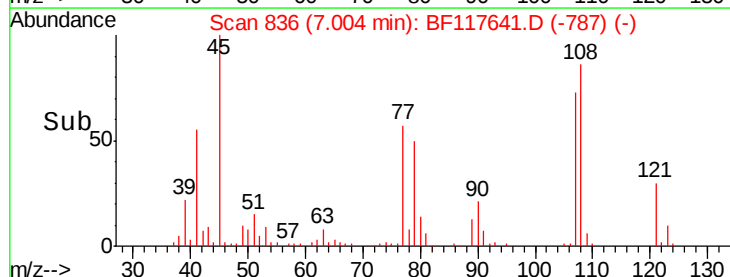
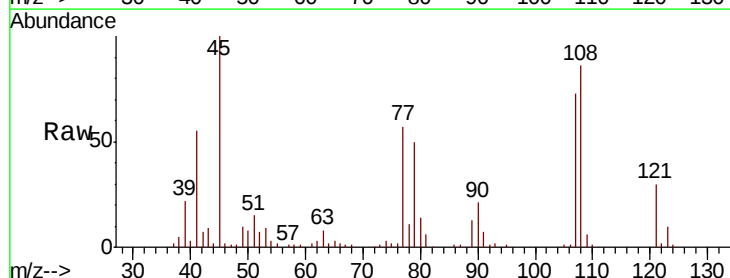
Instrument :
BNA_F
ClientSampleID :
PB124409BSD

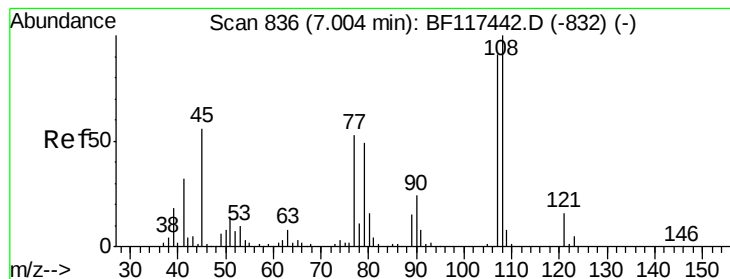
Tot Ion: 79 Resp: 85772
Ion Ratio Lower Upper
79 100
108 73.9 59.8 89.8
77 64.4 51.4 77.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.824 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Tgt Ion: 45 Resp: 96225
Ion Ratio Lower Upper
45 100
77 57.1 9.9 49.9#
79 50.1 5.5 45.5#

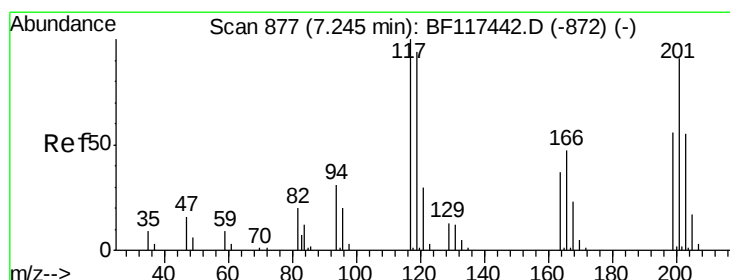
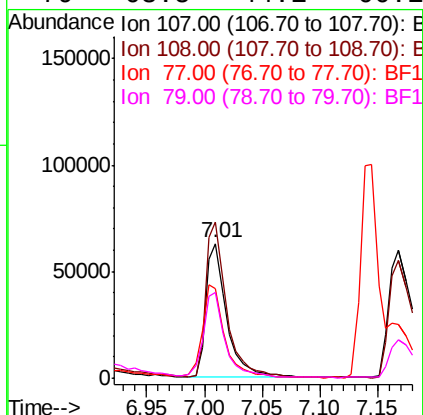
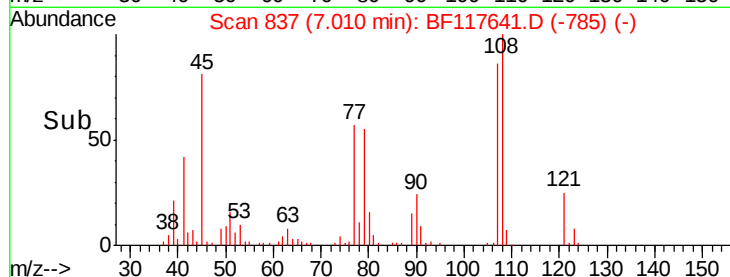
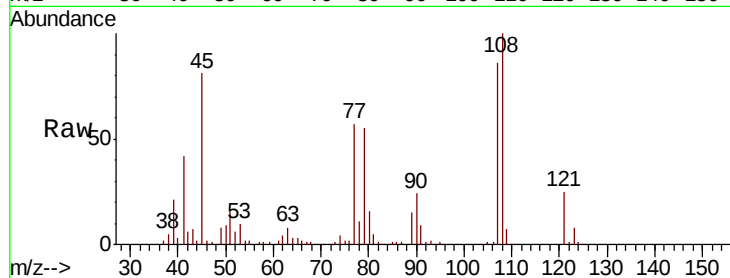




#17
2-Methylphenol
Concen: 37.016 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

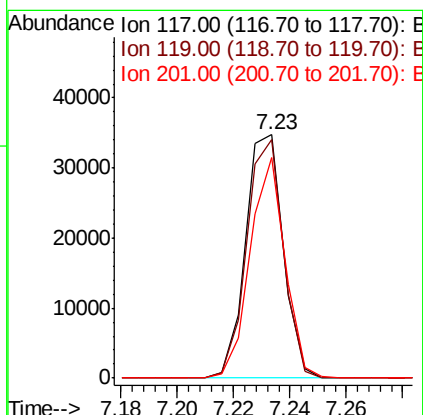
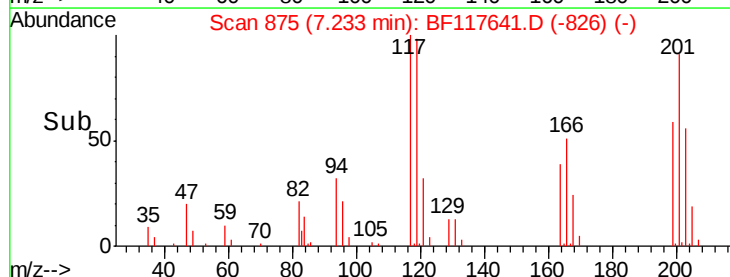
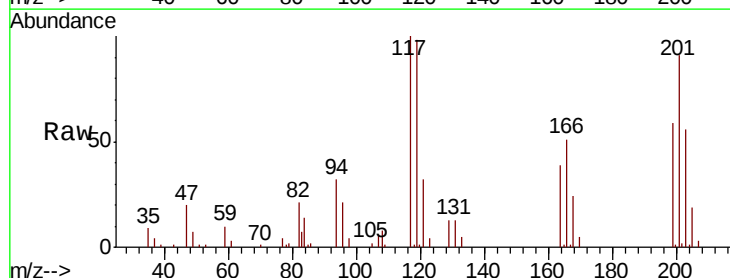
Instrument :
BNA_F
ClientSampleId :
PB124409BSD

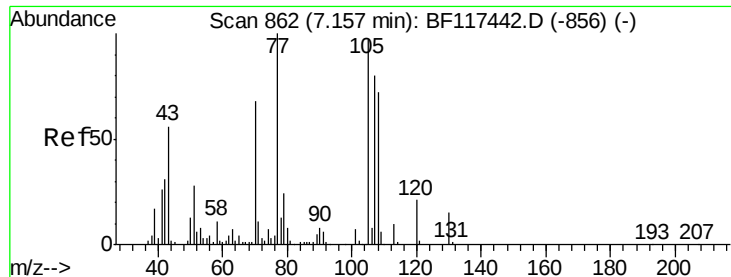
Tot Ion:107 Resp: 78906
Ion Ratio Lower Upper
107 100
108 116.5 88.0 132.0
77 66.4 47.2 70.8
79 63.5 44.1 66.1



#18
Hexachloroethane
Concen: 28.176 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Tgt Ion:117 Resp: 32261
Ion Ratio Lower Upper
117 100
119 97.9 75.4 113.0
201 90.6 72.5 108.7

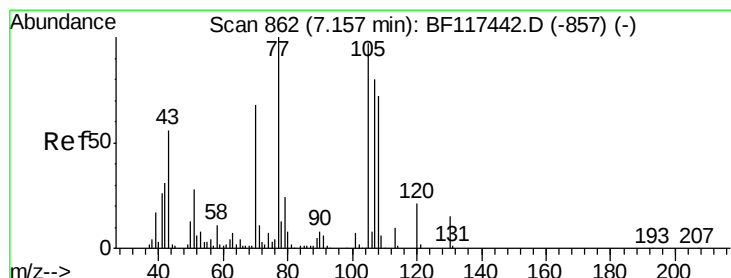
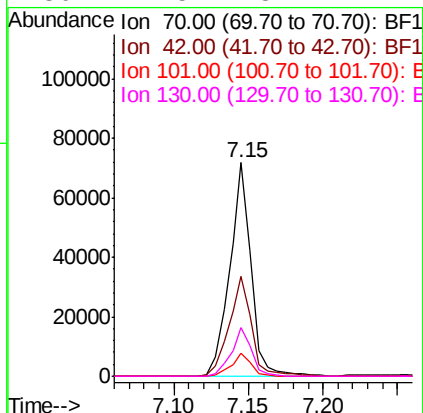
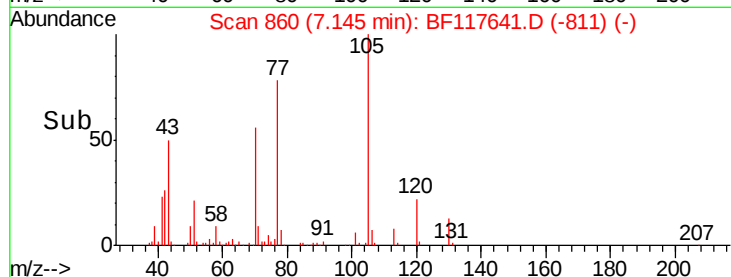
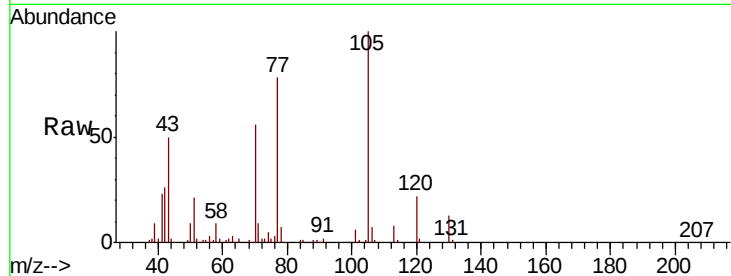




#19
n-Nitroso-di-n-propylamine
Concen: 35.988 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

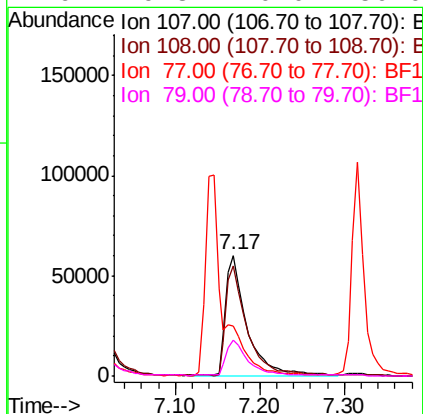
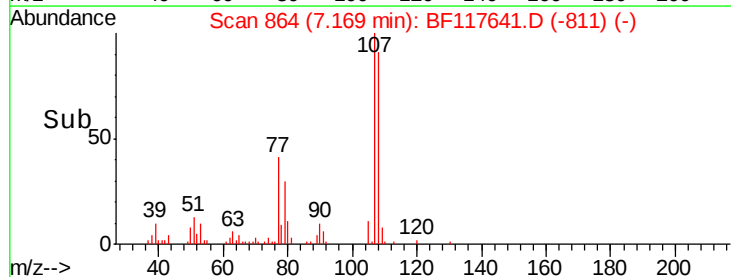
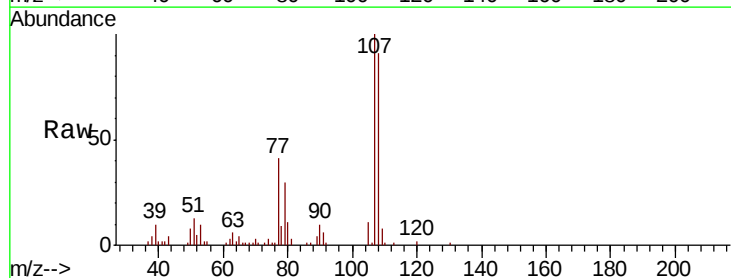
Instrument :
BNA_F
ClientSampleId :
PB124409BSD

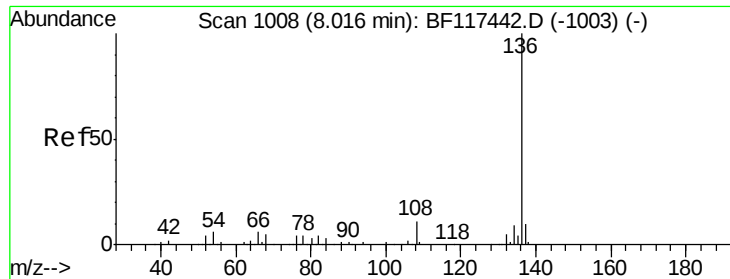
Tot Ion: 70 Resp: 72490
Ion Ratio Lower Upper
70 100
42 46.9 36.7 55.1
101 10.7 8.3 12.5
130 22.5 18.1 27.1



#20
3+4-Methylphenols
Concen: 38.007 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Tgt Ion: 107 Resp: 106223
Ion Ratio Lower Upper
107 100
108 91.5 70.3 110.3
77 41.4 104.8 144.8#
79 29.8 10.0 50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117641.D

Acq: 31 Oct 2019 3:07

Instrument :

BNA_F

ClientSampleId :

PB124409BSD

Tot Ion:136 Resp: 146132

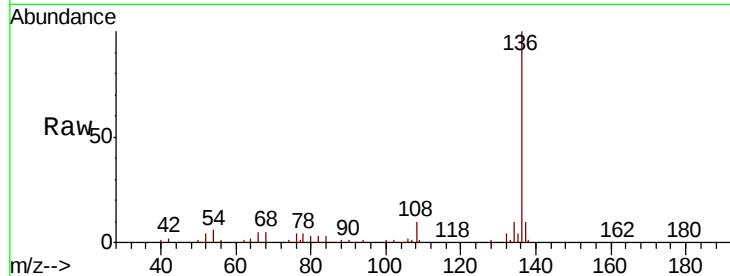
Ion Ratio Lower Upper

136 100

137 10.5 8.2 12.4

54 5.9 4.5 6.7

68 5.3 4.3 6.5

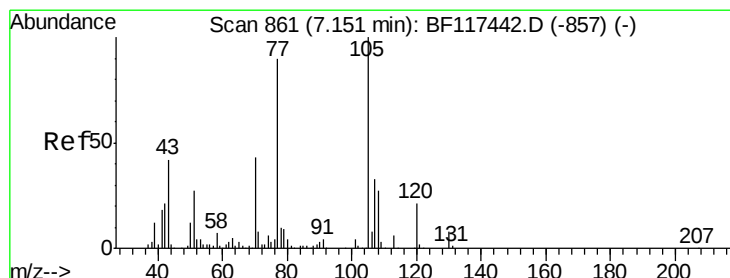
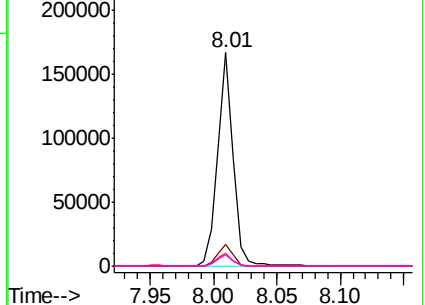
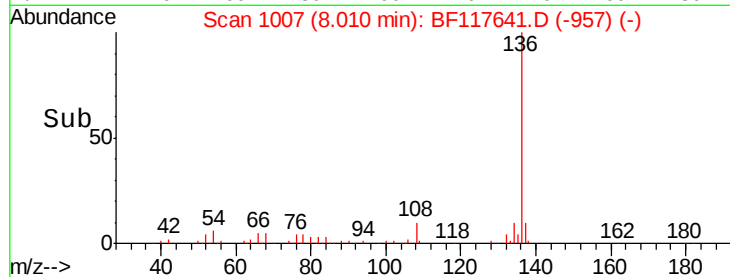


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.193 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF117641.D

Acq: 31 Oct 2019 3:07

Tgt Ion:105 Resp: 144323

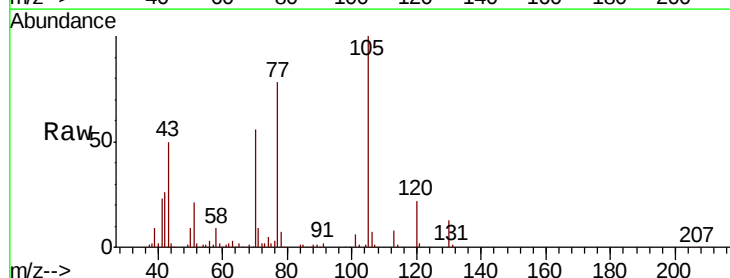
Ion Ratio Lower Upper

105 100

71 9.0 6.2 9.2

51 21.2 21.8 32.6#

120 22.0 16.7 25.1

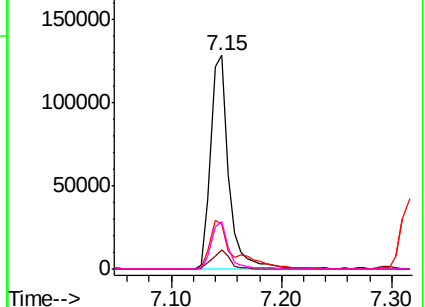
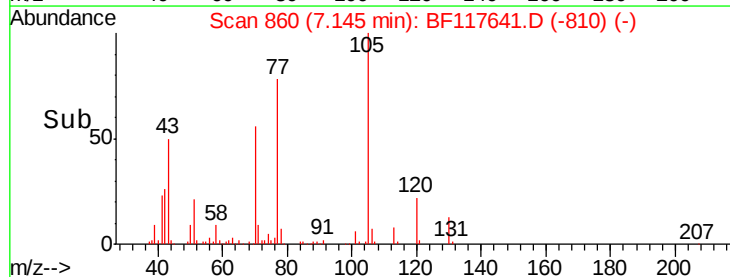


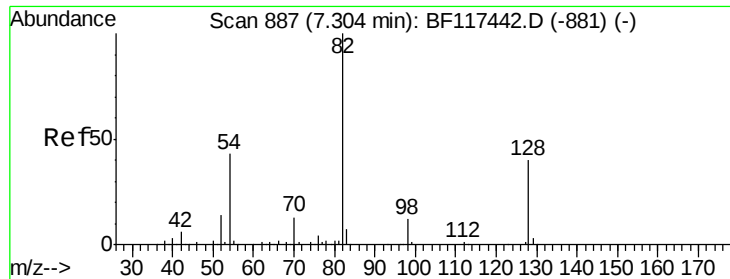
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

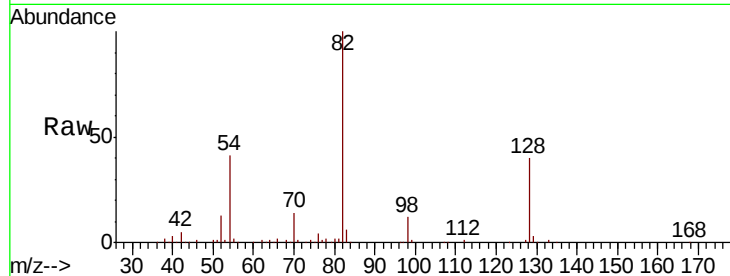




#23
 Nitrobenzene-d5
 Concen: 73.825 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF117641.D
 Acq: 31 Oct 2019 3:07

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.0	32.2	48.2
54	41.0	34.2	51.2

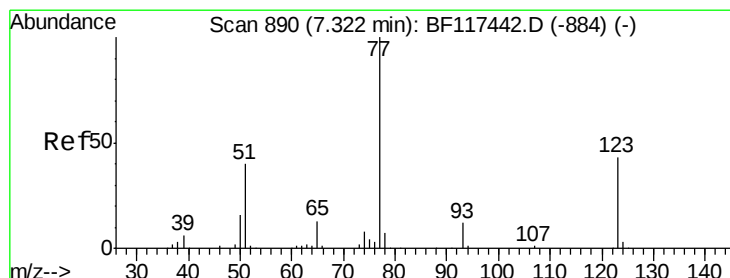
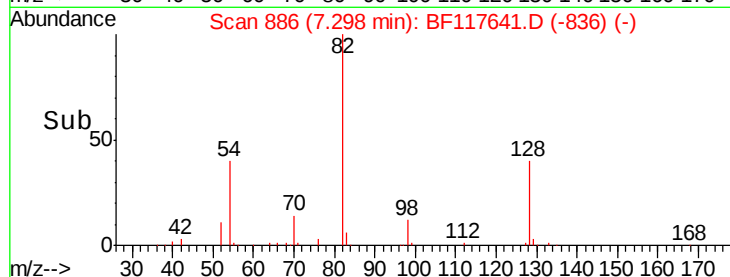
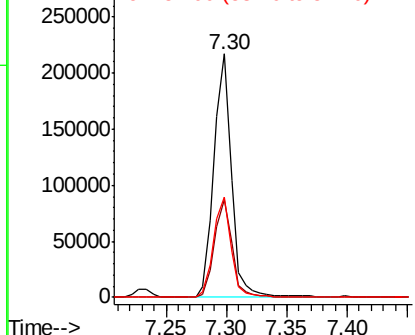


Abundance

Ion 82.00 (81.70 to 82.70): BF1

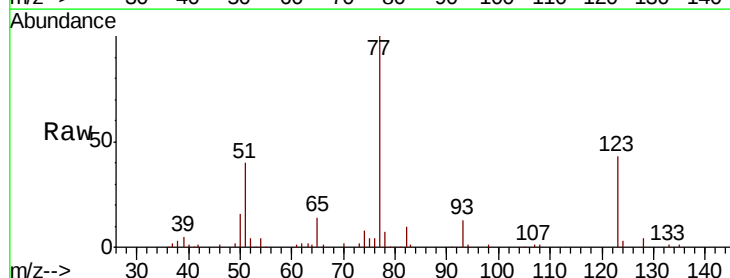
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 37.430 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF117641.D
 Acq: 31 Oct 2019 3:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.2	34.2	51.2
65	13.6	10.3	15.5

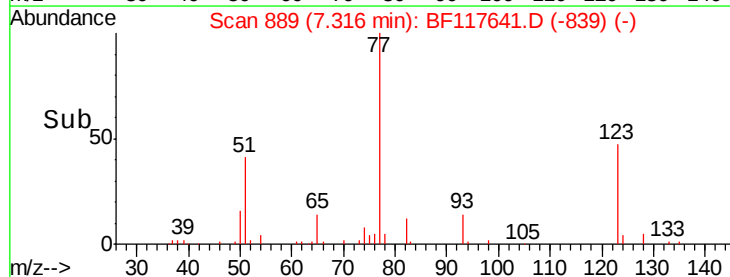
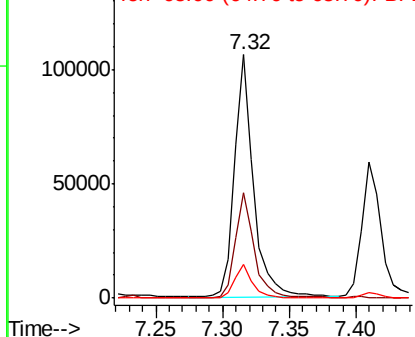


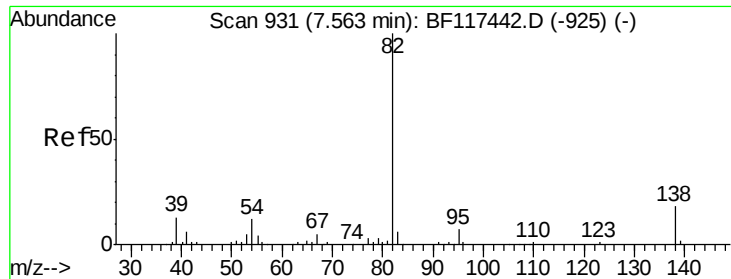
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.305 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF117641.D

Acq: 31 Oct 2019 3:07

Instrument :

BNA_F

ClientSampleId :

PB124409BSD

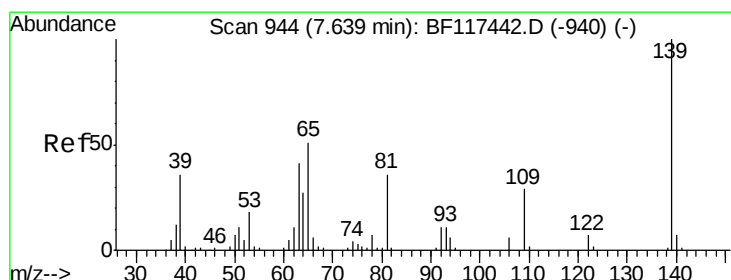
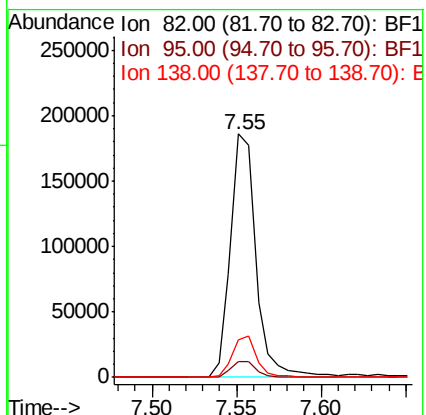
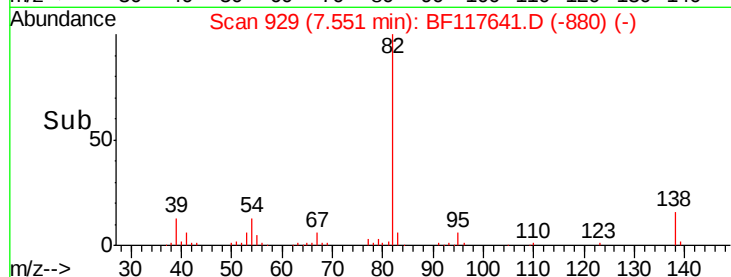
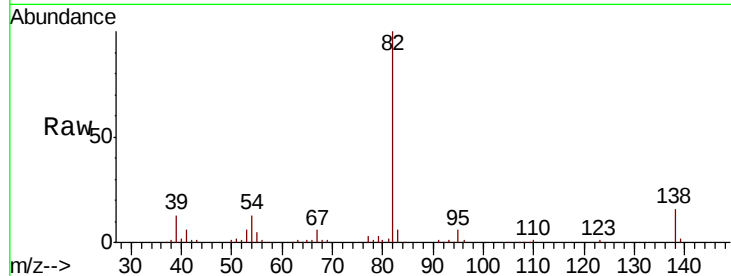
Tot Ion: 82 Resp: 196146

Ion Ratio Lower Upper

82 100

95 6.4 5.4 8.0

138 15.5 14.2 21.2



#26

2-Nitrophenol

Concen: 31.638 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF117641.D

Acq: 31 Oct 2019 3:07

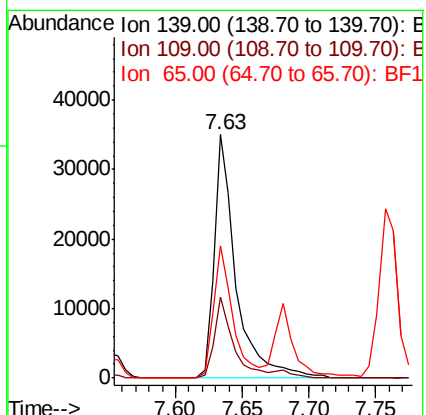
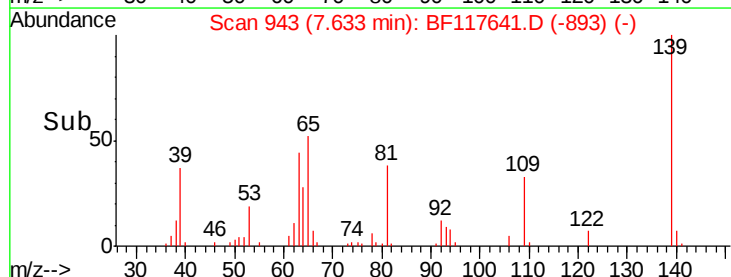
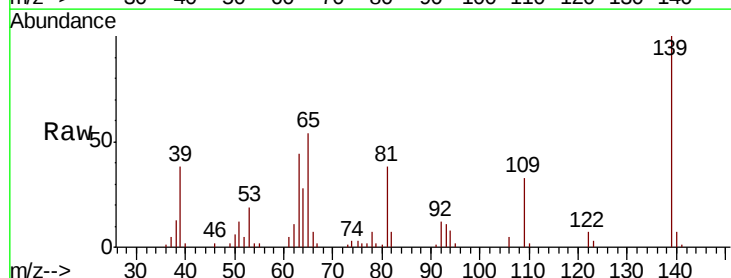
Tgt Ion: 139 Resp: 40006

Ion Ratio Lower Upper

139 100

109 33.2 23.2 34.8

65 54.3 41.1 61.7

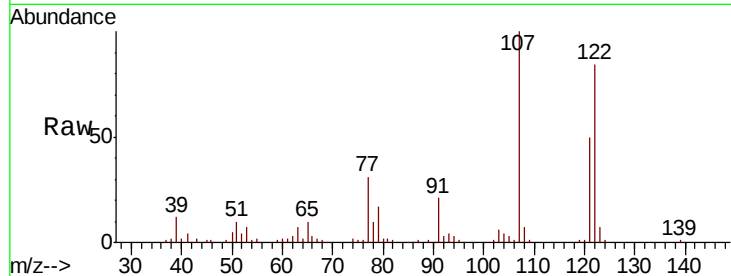




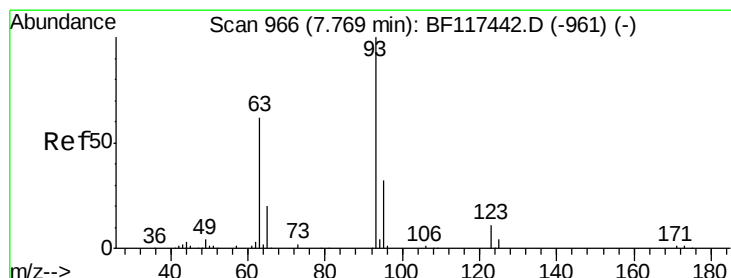
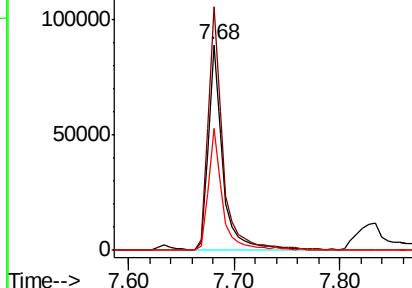
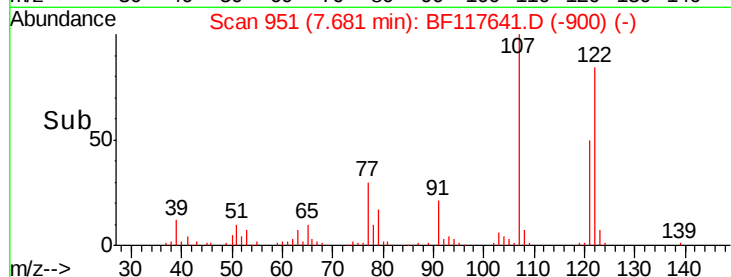
#27
 2,4-Dimethylphenol
 Concen: 44.884 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF117641.D
 Acq: 31 Oct 2019 3:07

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BSD

Tot Ion:122 Resp: 84818
 Ion Ratio Lower Upper
 122 100
 107 118.5 96.8 145.2
 121 59.2 46.4 69.6

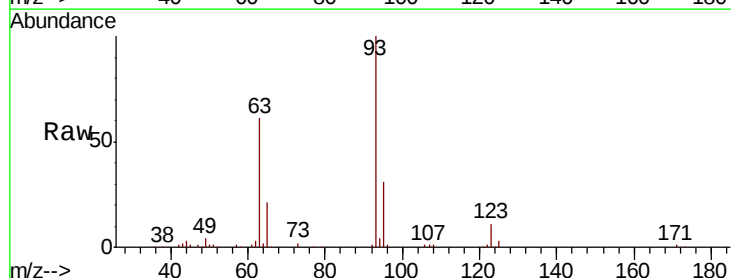


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

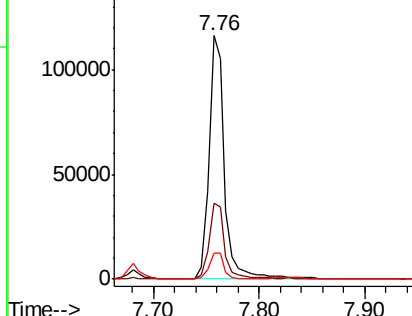
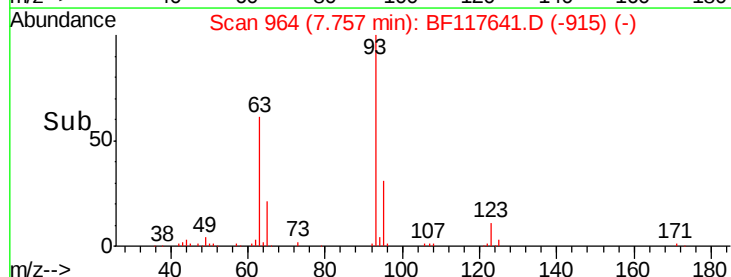


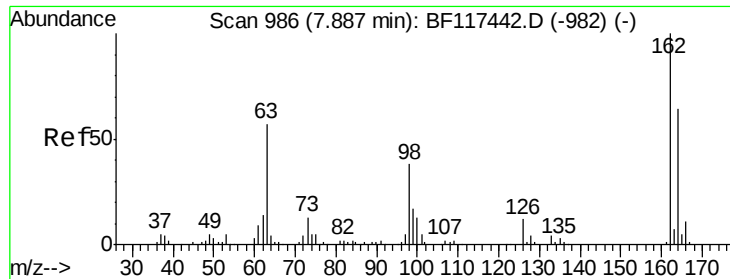
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.451 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF117641.D
 Acq: 31 Oct 2019 3:07

Tgt Ion: 93 Resp: 118334
 Ion Ratio Lower Upper
 93 100
 95 31.0 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

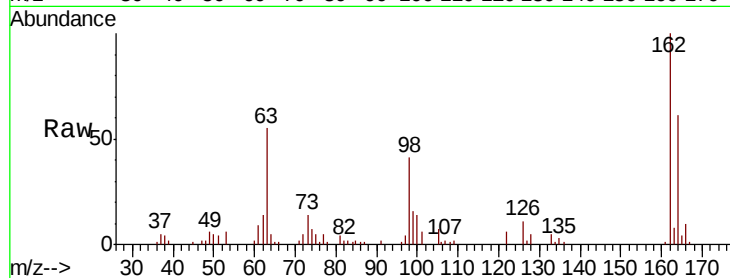




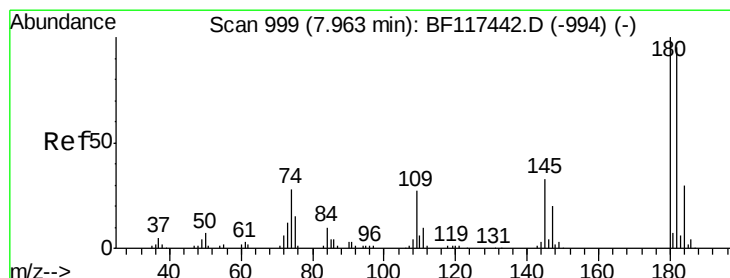
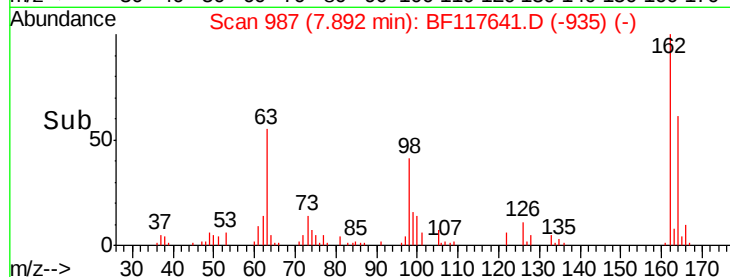
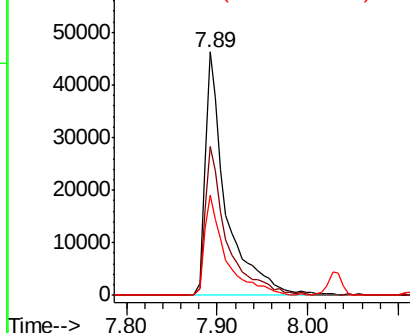
#29
2,4-Dichlorophenol
Concen: 37.720 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion:162 Resp: 74764
Ion Ratio Lower Upper
162 100
164 61.0 44.4 84.4
98 41.3 18.2 58.2

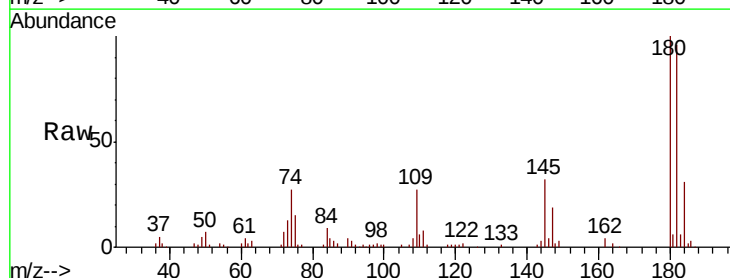


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

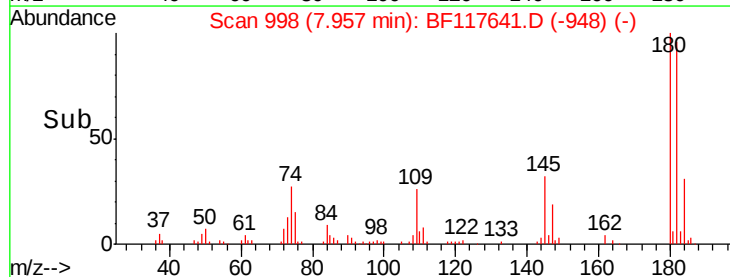
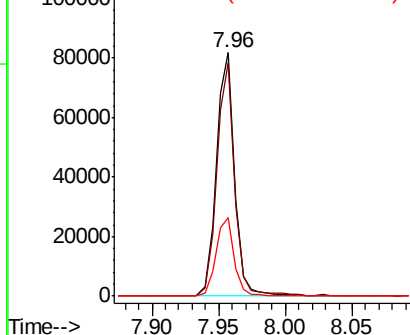


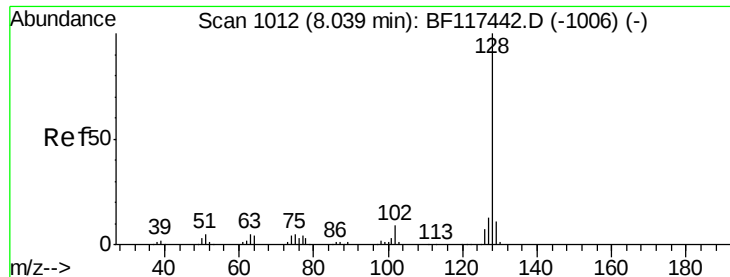
#30
1,2,4-Trichlorobenzene
Concen: 37.025 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Tgt Ion:180 Resp: 78755
Ion Ratio Lower Upper
180 100
182 95.7 75.8 113.8
145 32.1 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

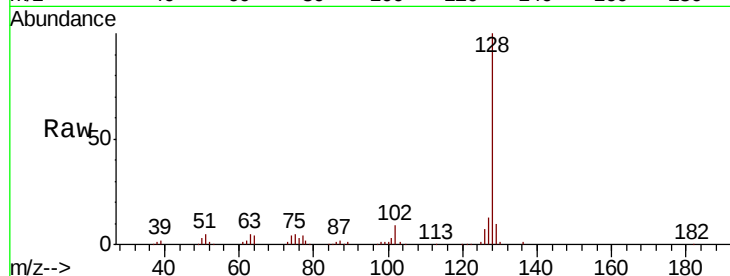




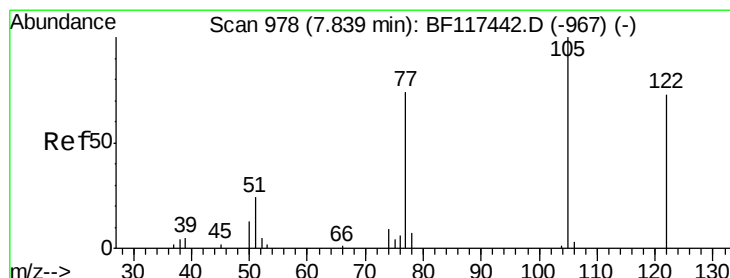
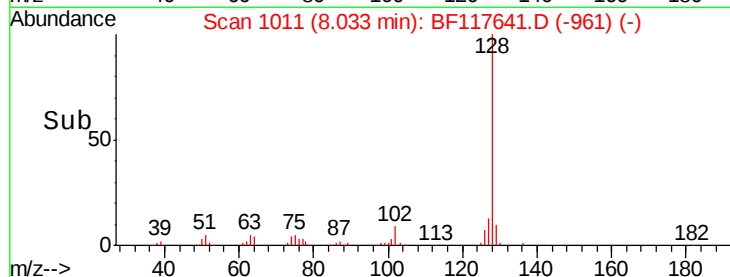
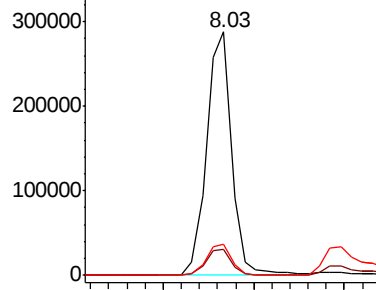
#31
Naphthalene
Concen: 38.352 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion:128 Resp: 277798
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.4
127 12.7 10.2 15.2

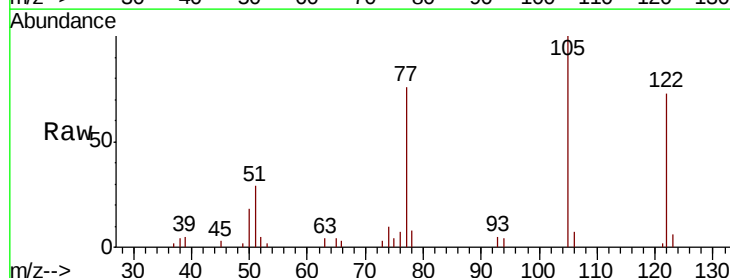


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

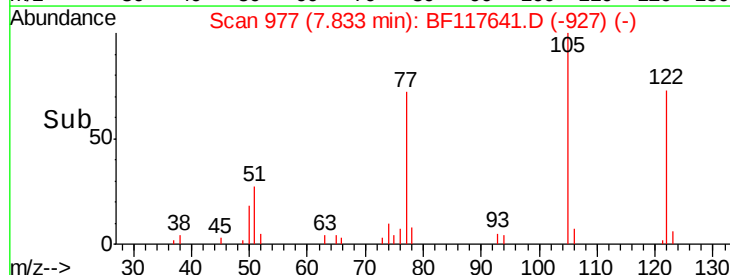
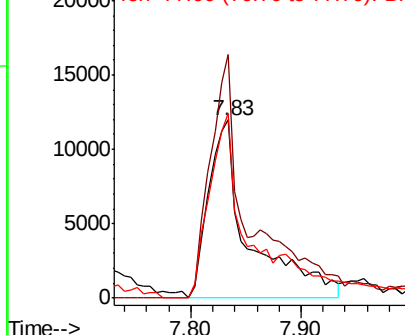


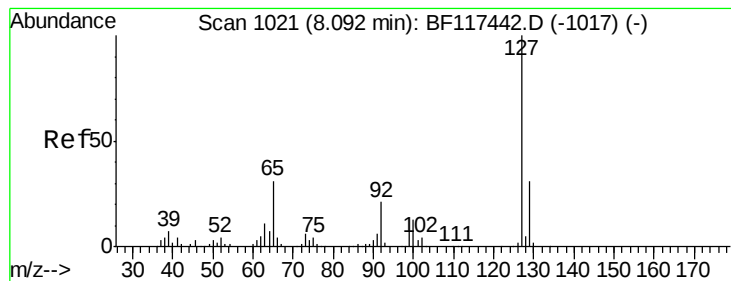
#32
Benzoic acid
Concen: 23.686 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Tgt Ion:122 Resp: 30658
Ion Ratio Lower Upper
122 100
105 136.9 115.0 155.0
77 103.9 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: 19.905 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.01 min

Lab File: BF117641.D

Acq: 31 Oct 2019 3:07

Instrument :

BNA_F

ClientSampleId :

PB124409BSD

Tot Ion:127 Resp: 60849

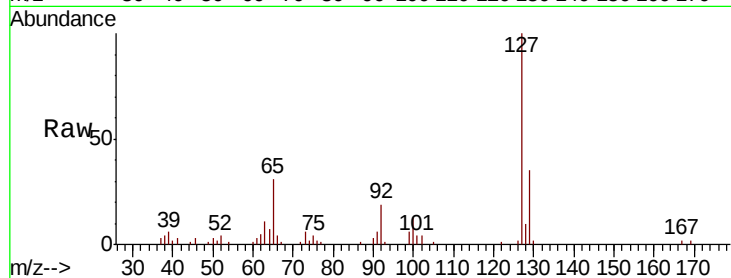
Ion Ratio Lower Upper

127 100

129 35.0 24.8 37.2

65 30.8 24.6 37.0

92 18.6 16.5 24.7

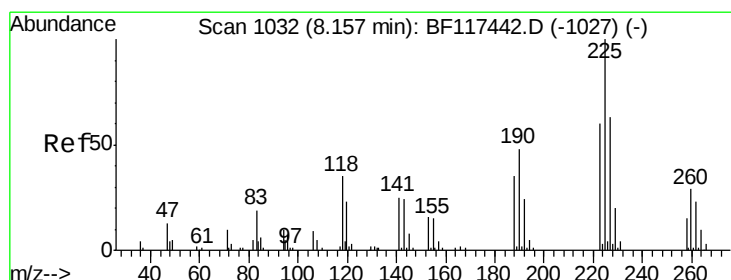
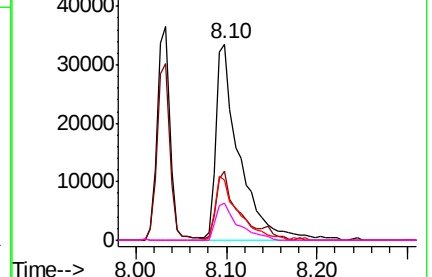
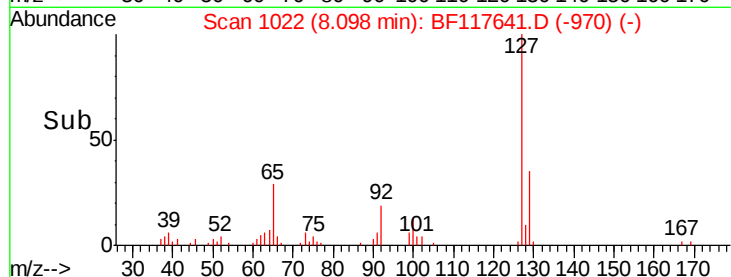


Abundance Ion 127.00 (126.70 to 127.70): E

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: 34.715 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF117641.D

Acq: 31 Oct 2019 3:07

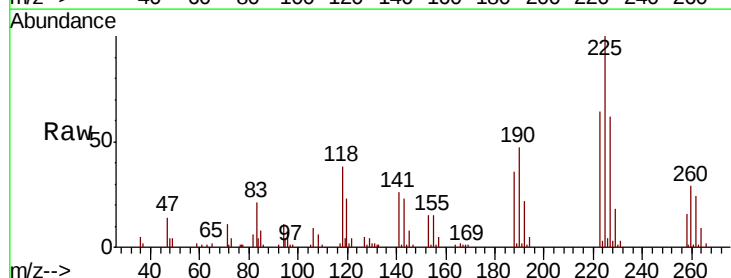
Tgt Ion:225 Resp: 42739

Ion Ratio Lower Upper

225 100

223 63.9 48.2 72.4

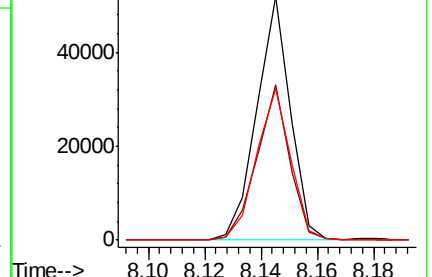
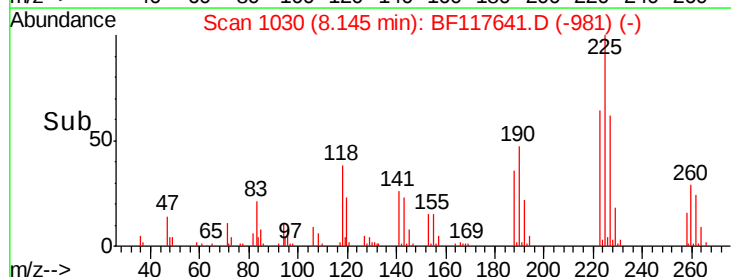
227 62.3 50.2 75.4

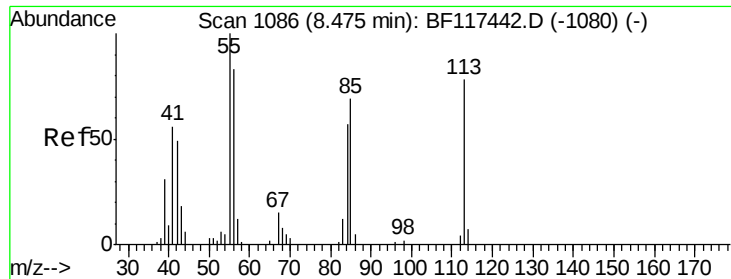


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

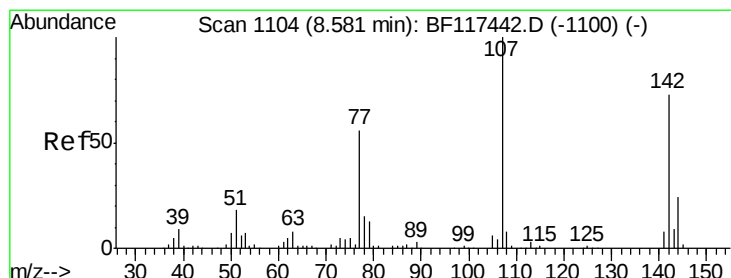
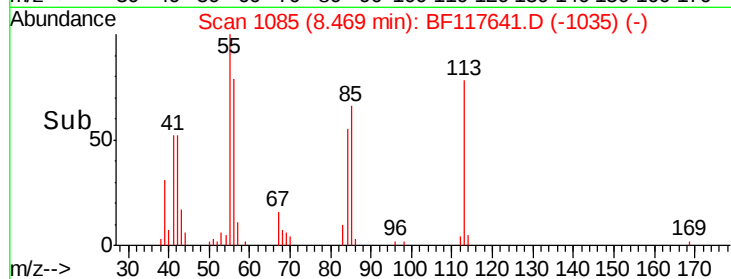
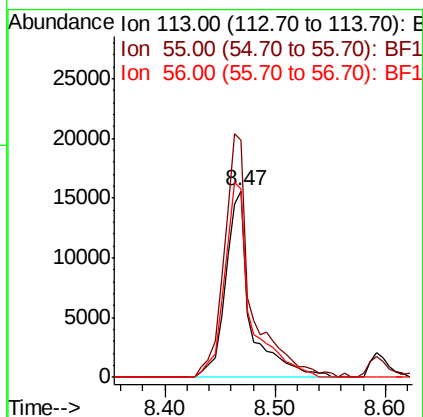
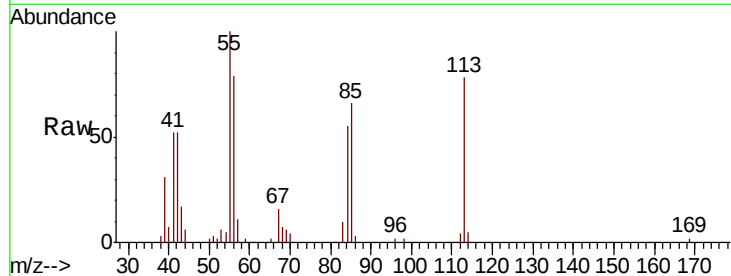




#35
 Caprolactam
 Concen: 38.833 ng
 RT: 8.47 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF117641.D
 Acq: 31 Oct 2019 3:07

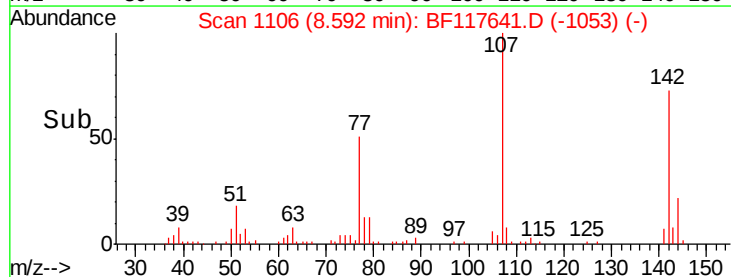
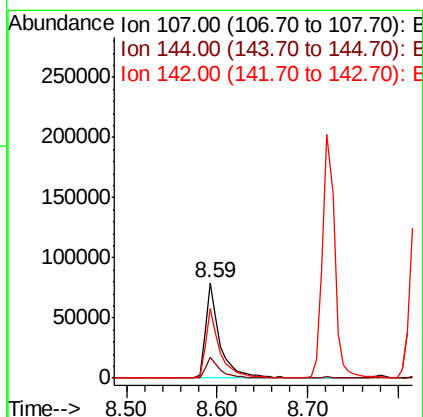
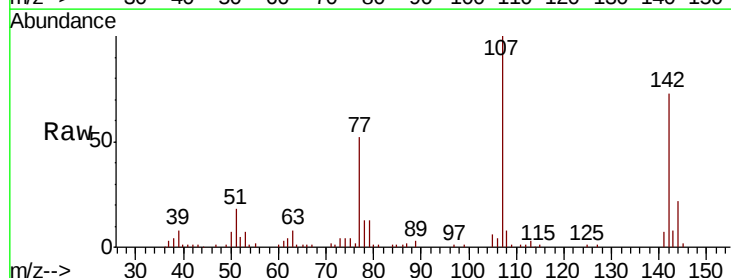
Instrument :
 BNA_F
 ClientSampleId :
 PB124409BSD

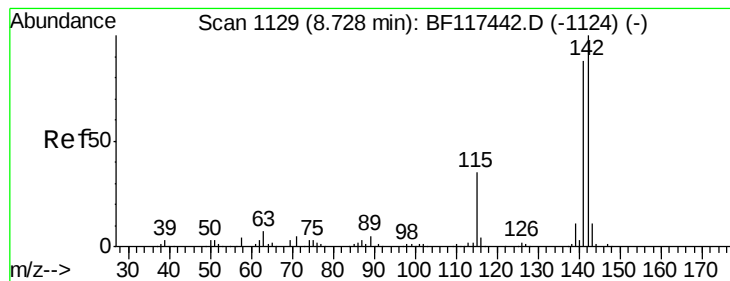
Tot Ion:113 Resp: 24726
 Ion Ratio Lower Upper
 113 100
 55 127.4 108.8 148.8
 56 101.2 87.2 127.2



#36
 4-Chloro-3-methylphenol
 Concen: 38.686 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF117641.D
 Acq: 31 Oct 2019 3:07

Tgt Ion:107 Resp: 87451
 Ion Ratio Lower Upper
 107 100
 144 22.1 18.9 28.3
 142 72.9 58.6 88.0

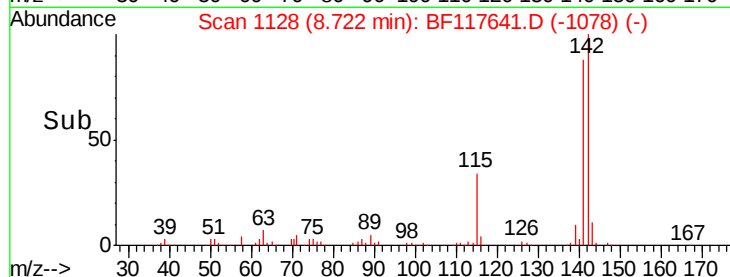
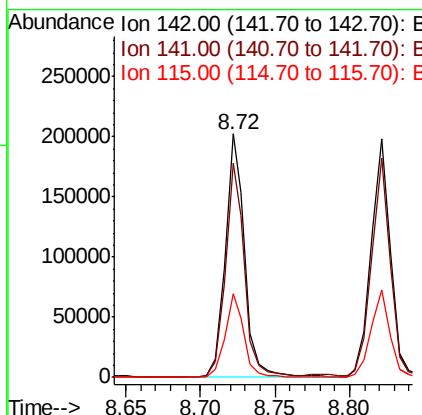
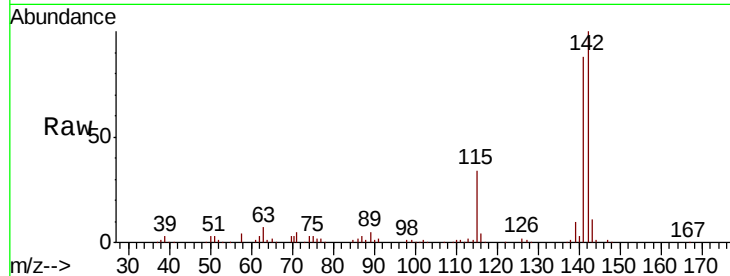




#37
 2-Methylnaphthalene
 Concen: 38.250 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF117641.D
 Acq: 31 Oct 2019 3:07

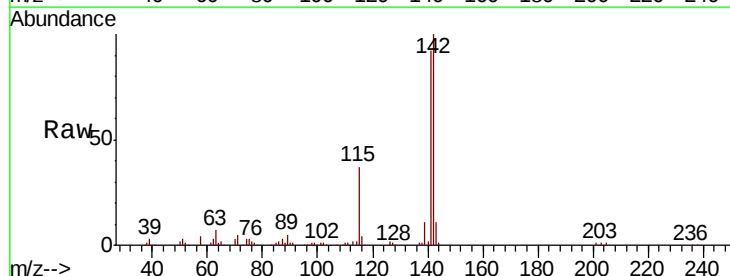
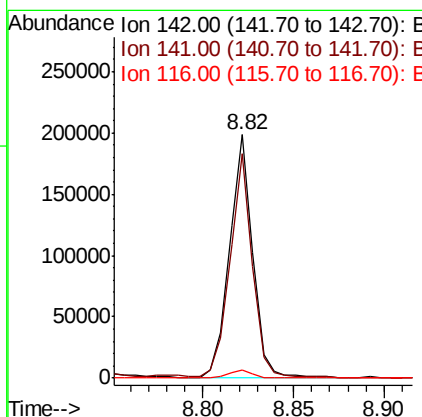
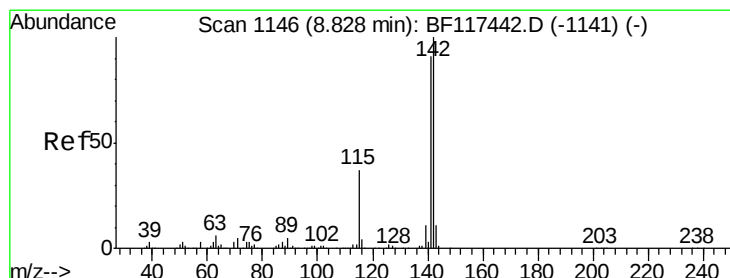
Instrument :
 BNA_F
 ClientSampleId :
 PB124409BSD

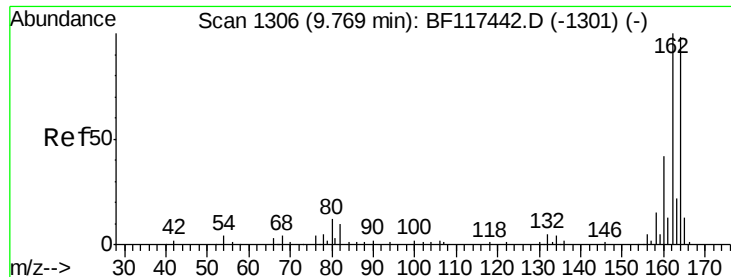
Tot Ion:142 Resp: 186686
 Ion Ratio Lower Upper
 142 100
 141 88.0 70.3 105.5
 115 34.1 28.2 42.2



#38
 1-Methylnaphthalene
 Concen: 38.258 ng
 RT: 8.82 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF117641.D
 Acq: 31 Oct 2019 3:07

Tgt Ion:142 Resp: 175462
 Ion Ratio Lower Upper
 142 100
 141 91.9 73.3 109.9
 116 3.5 3.1 4.7

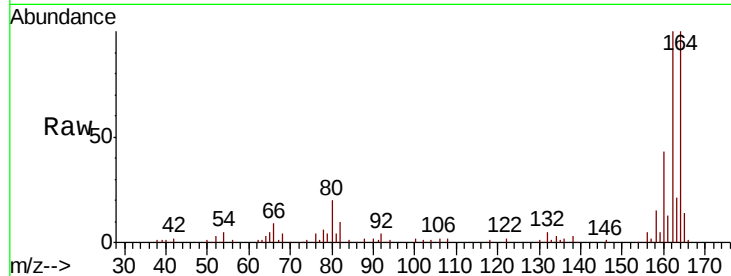




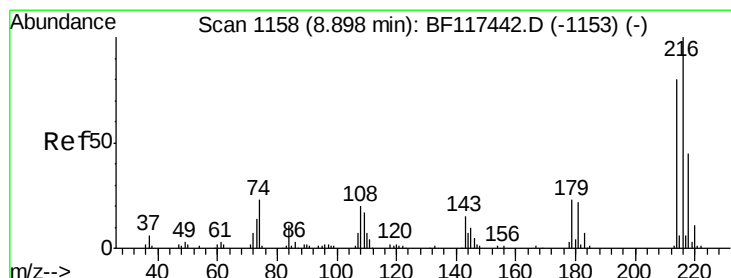
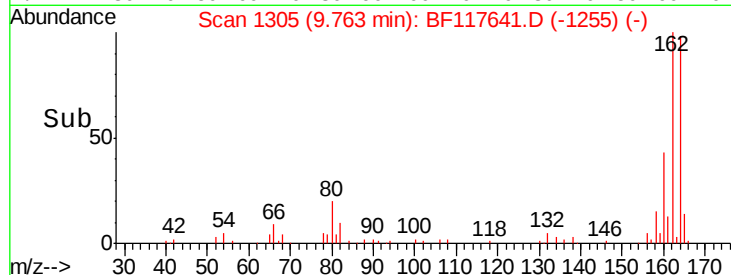
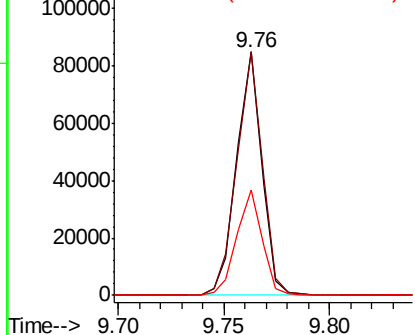
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion:164 Resp: 70016
Ion Ratio Lower Upper
164 100
162 100.0 81.8 122.6
160 43.1 34.4 51.6

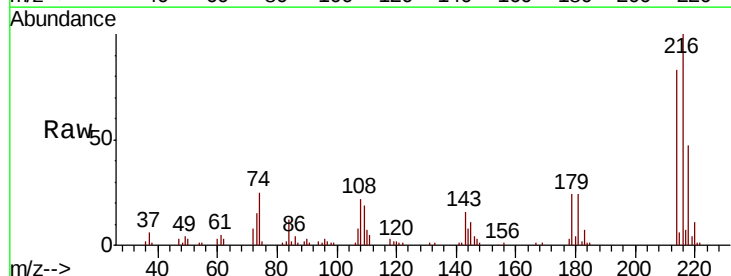


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

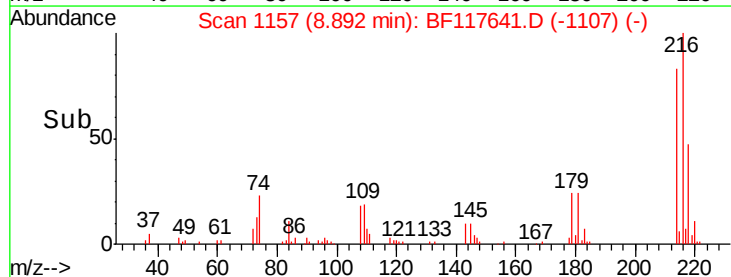
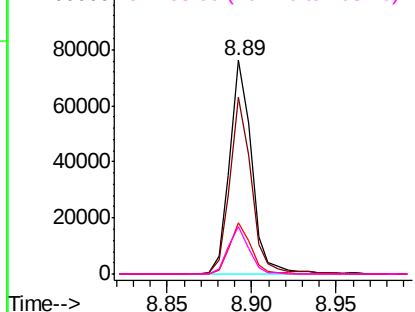


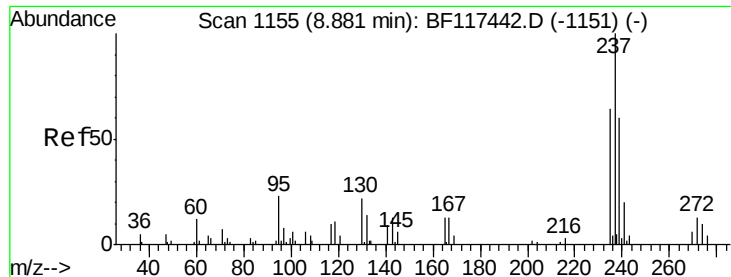
#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.784 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Tgt Ion:216 Resp: 69367
Ion Ratio Lower Upper
216 100
214 80.5 62.4 93.6
179 23.0 18.1 27.1
108 20.9 16.6 24.8



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 12.050 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF117641.D

Acq: 31 Oct 2019 3:07

Instrument :

BNA_F

ClientSampleId :

PB124409BSD

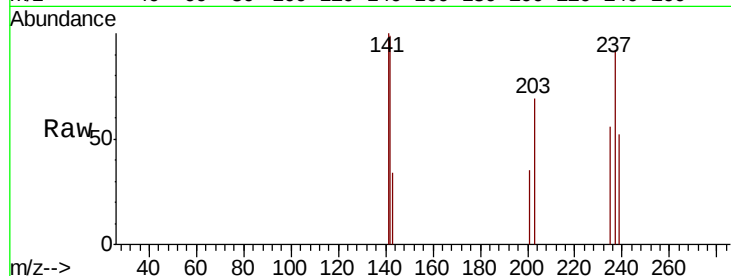
Tot Ion:237 Resp: 707

Ion Ratio Lower Upper

237 100

235 60.7 44.3 84.3

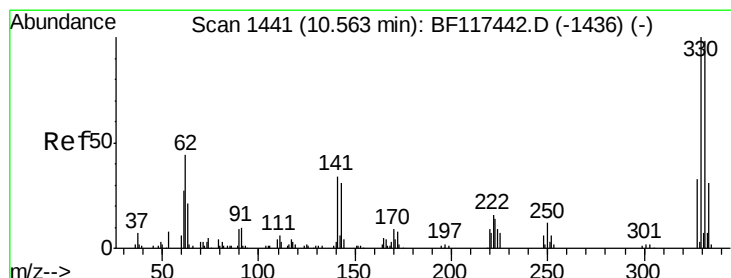
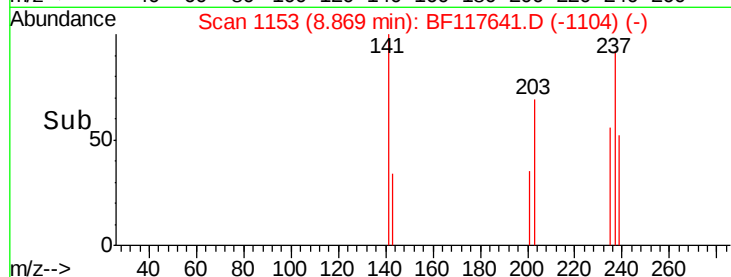
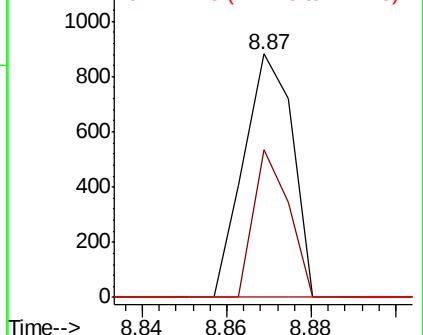
272 0.0 0.0 33.2



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: 62.563 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117641.D

Acq: 31 Oct 2019 3:07

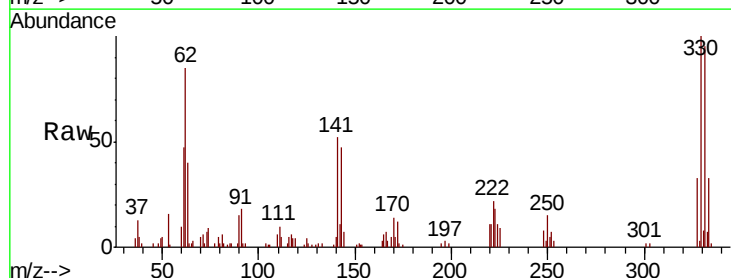
Tgt Ion:330 Resp: 37902

Ion Ratio Lower Upper

330 100

332 94.5 78.5 117.7

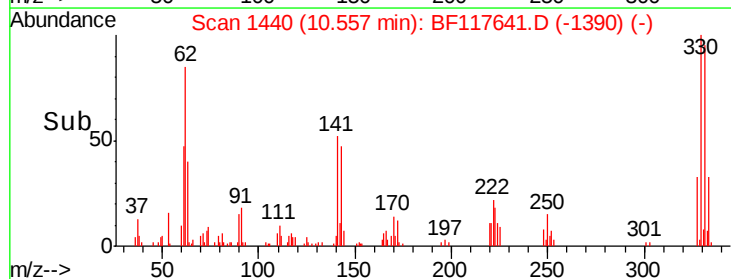
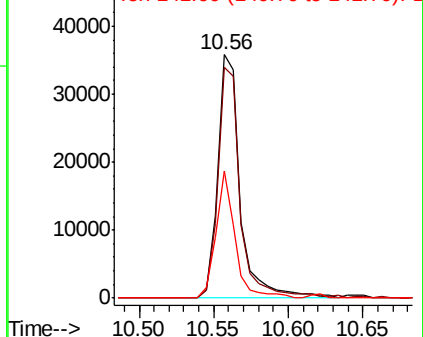
141 43.7 37.0 55.6

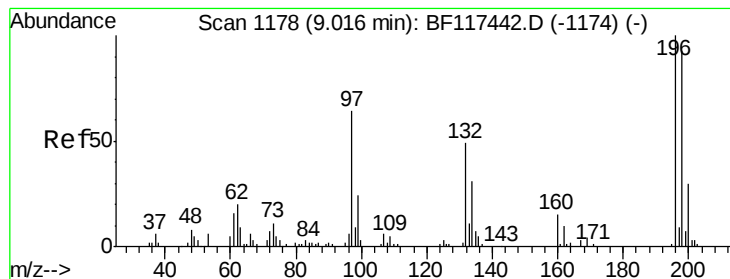


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

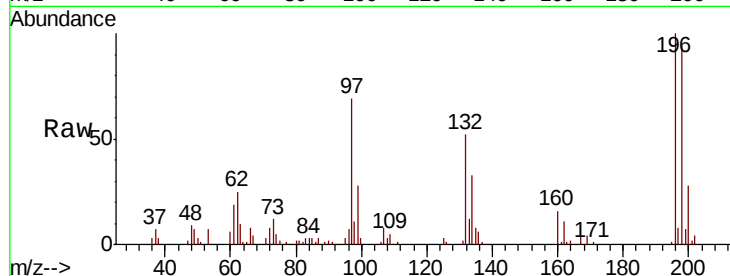




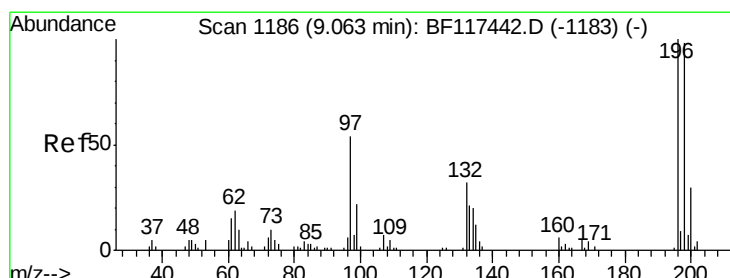
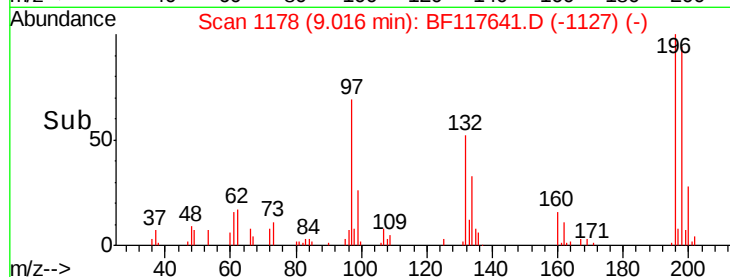
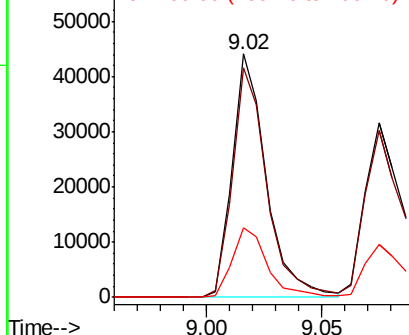
#43
 2,4,6-Trichlorophenol
 Concen: 38.284 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117641.D
 Acq: 31 Oct 2019 3:07

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BSD

Tot Ion:196 Resp: 45211
 Ion Ratio Lower Upper
 196 100
 198 94.2 74.1 111.1
 200 28.3 23.9 35.9

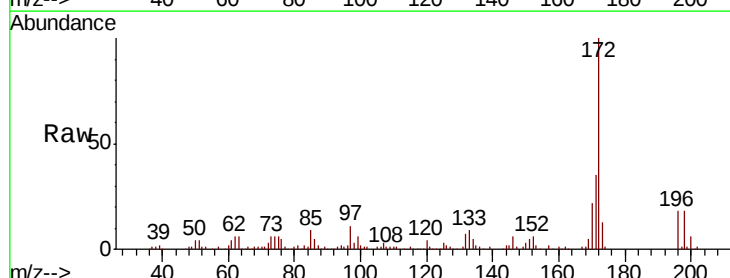


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

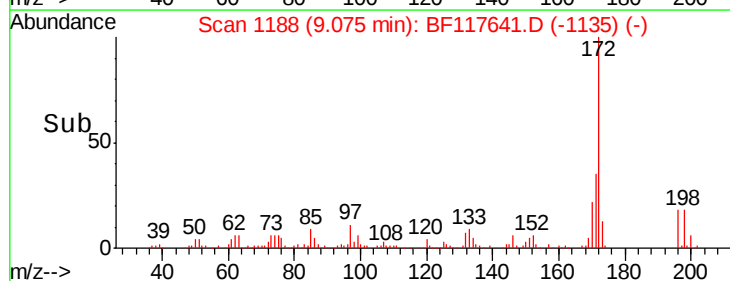
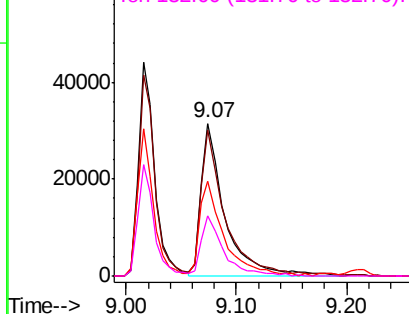


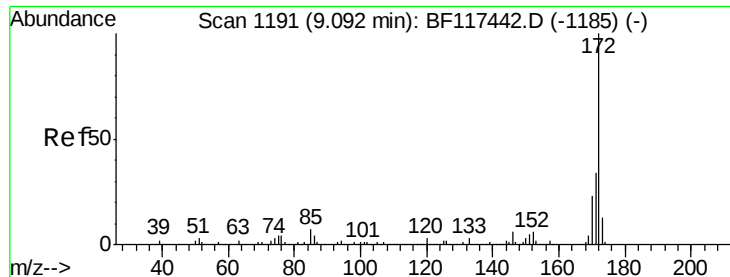
#44
 2,4,5-Trichlorophenol
 Concen: 38.376 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF117641.D
 Acq: 31 Oct 2019 3:07

Tgt Ion:196 Resp: 45924
 Ion Ratio Lower Upper
 196 100
 198 95.6 78.6 117.8
 97 62.0 43.4 65.2
 132 39.5 26.0 39.0#



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

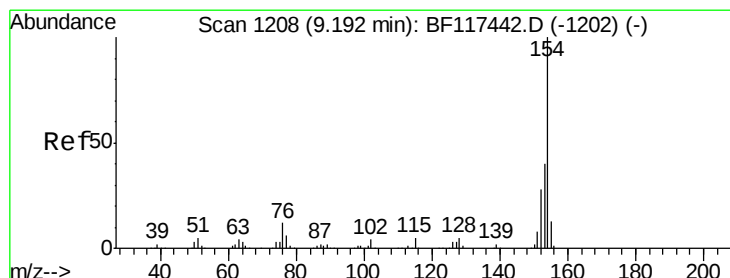
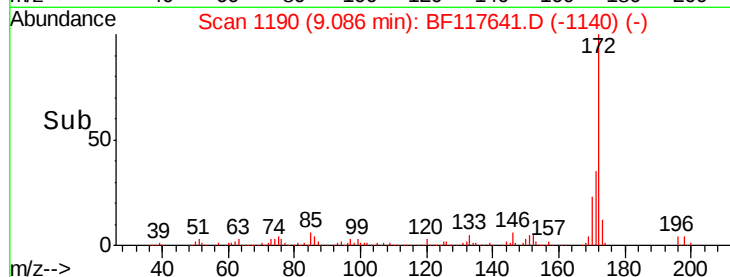
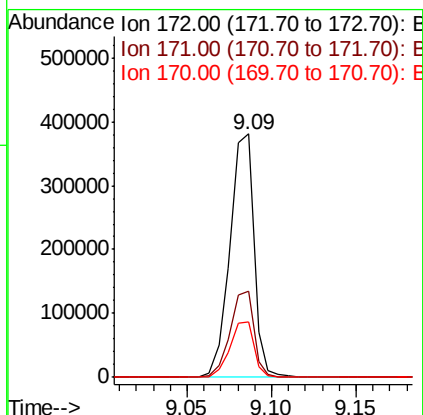
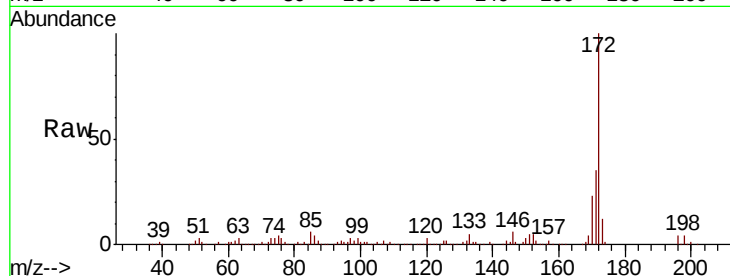




#45
2-Fluorobiphenyl
Concen: 76.014 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

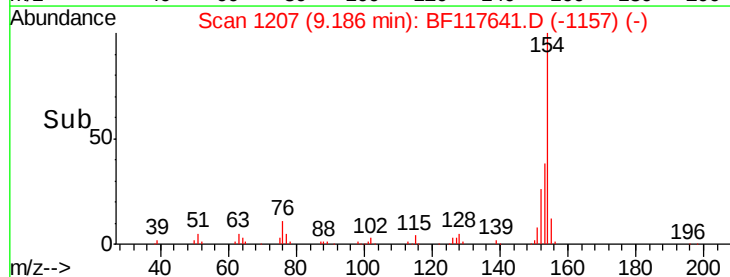
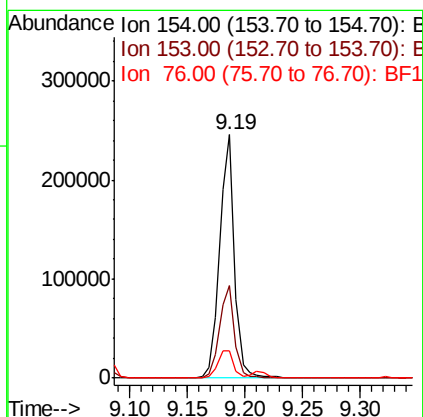
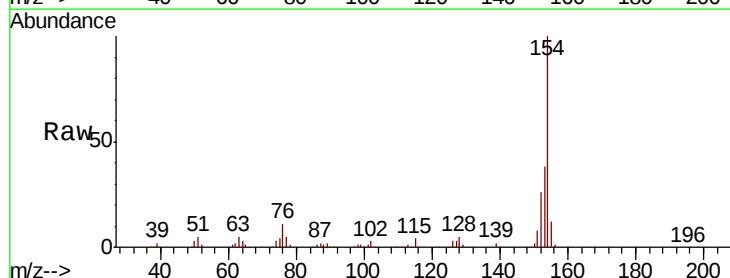
Instrument :
BNA_F
ClientSampleId :
PB124409BSD

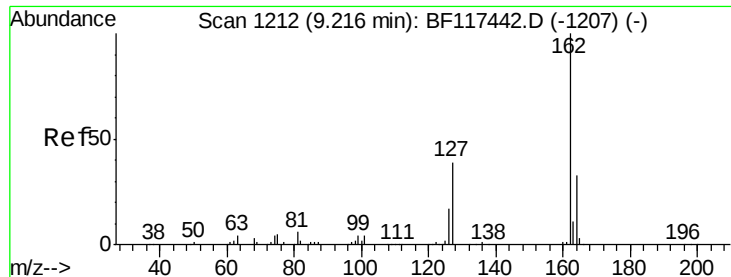
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.5	41.3
170	22.8	18.6	27.8



#46
1,1'-Biphenyl
Concen: 37.724 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	37.9	20.2	60.2
76	11.4	0.0	32.1

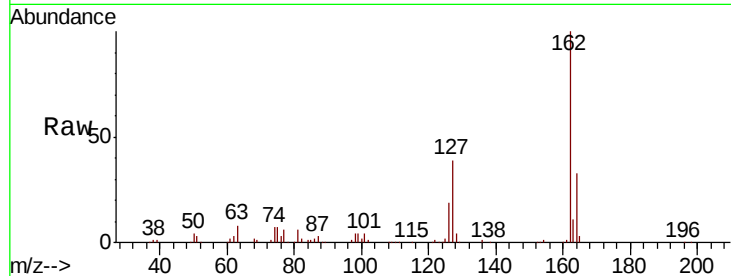




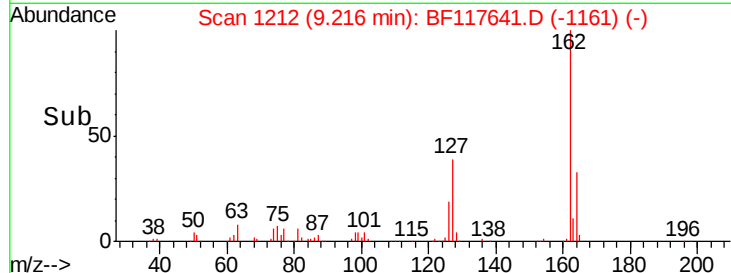
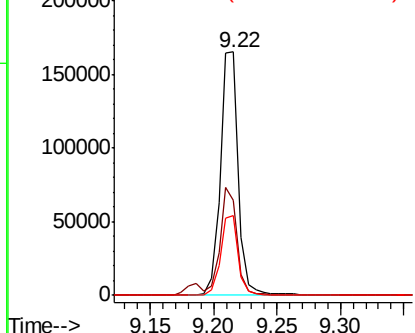
#47
2-Chloronaphthalene
Concen: 37.417 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	34.2	51.4
164	32.5	26.4	39.6

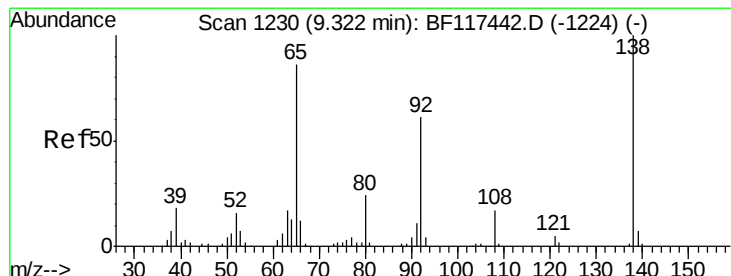


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

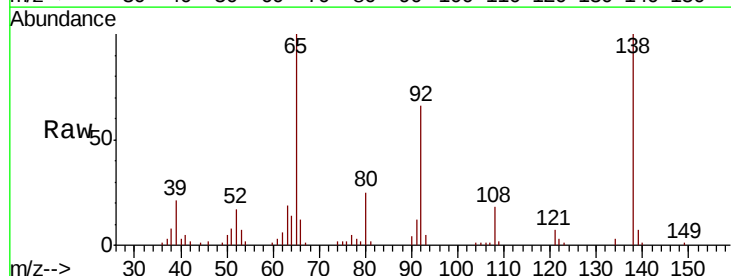
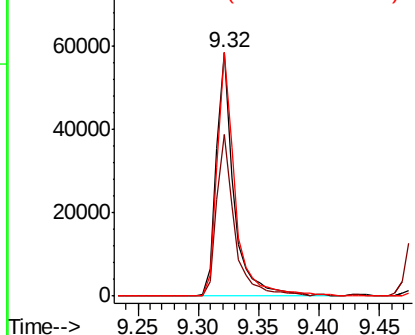


#48
2-Nitroaniline
Concen: 40.155 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.4	57.3	85.9
138	99.9	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: 39.395 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF117641.D

Acq: 31 Oct 2019 3:07

Instrument :

BNA_F

ClientSampleId :

PB124409BSD

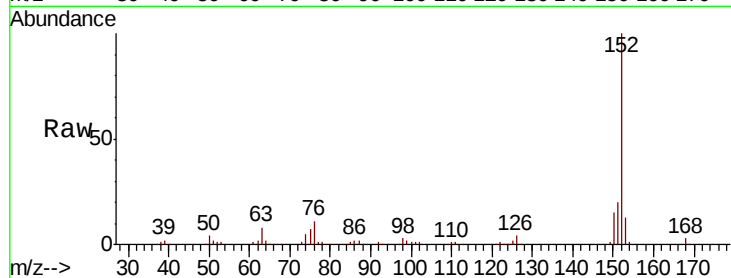
Tot Ion:152 Resp: 252890

Ion Ratio Lower Upper

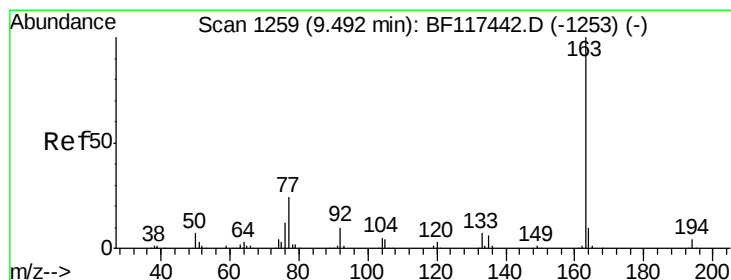
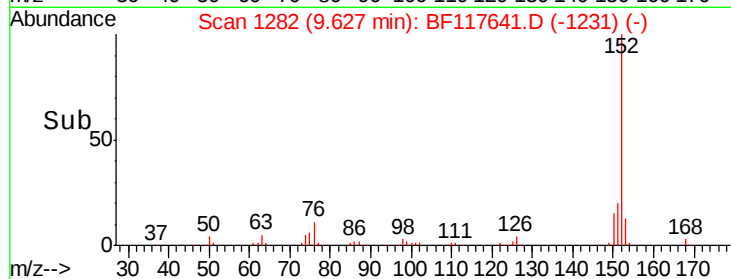
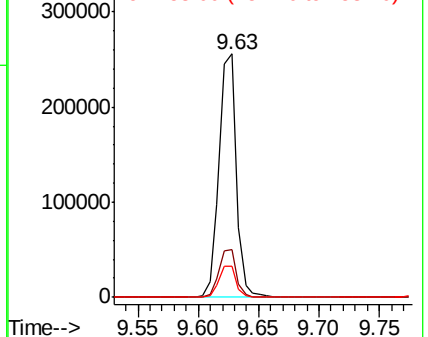
152 100

151 19.6 15.4 23.0

153 12.9 10.3 15.5



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



#50

Dimethylphthalate

Concen: 38.899 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF117641.D

Acq: 31 Oct 2019 3:07

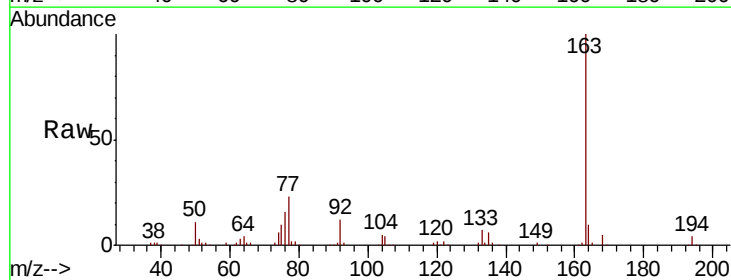
Tgt Ion:163 Resp: 194159

Ion Ratio Lower Upper

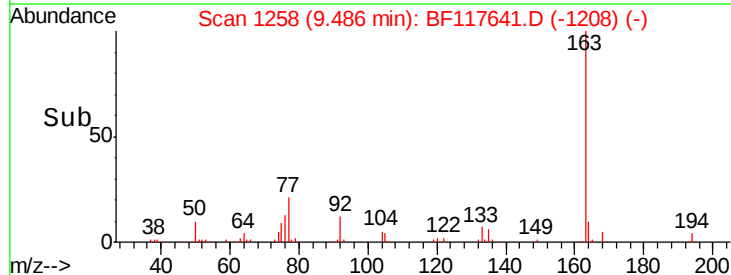
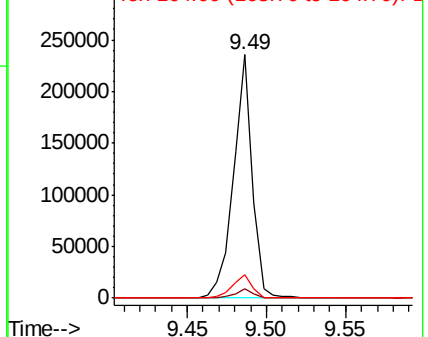
163 100

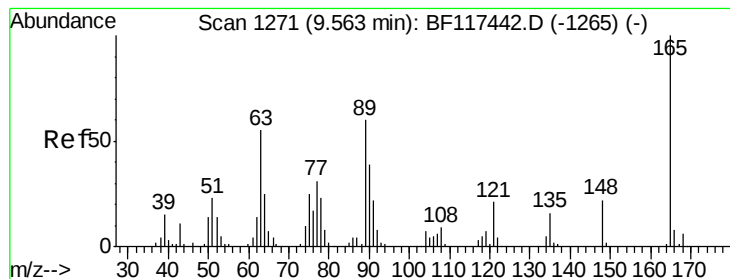
194 3.8 2.9 4.3

164 9.6 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: 35.995 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF117641.D

Acq: 31 Oct 2019 3:07

Instrument :

BNA_F

ClientSampleId :

PB124409BSD

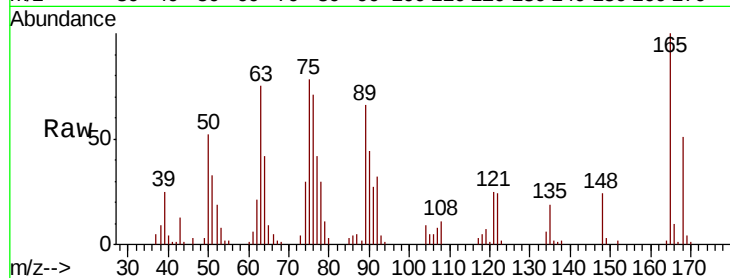
Tot Ion:165 Resp: 37492

Ion Ratio Lower Upper

165 100

63 74.9 43.8 65.8#

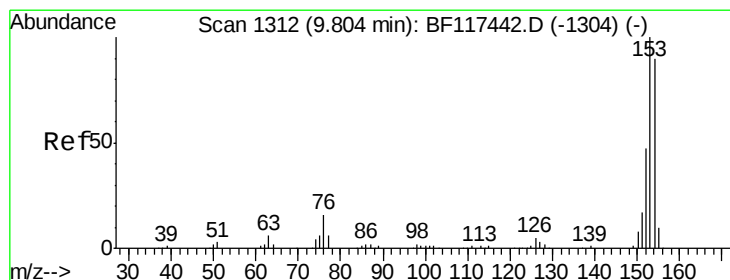
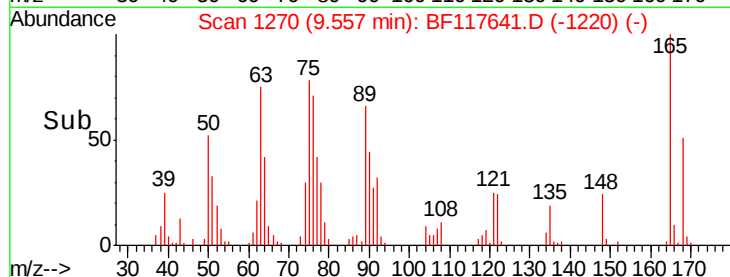
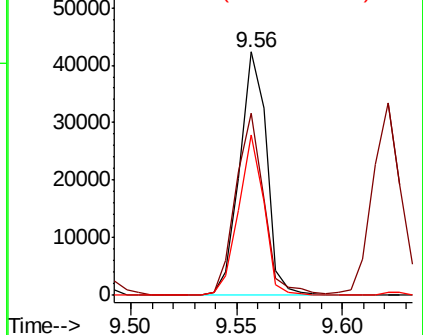
89 65.7 47.6 71.4



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: 37.769 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF117641.D

Acq: 31 Oct 2019 3:07

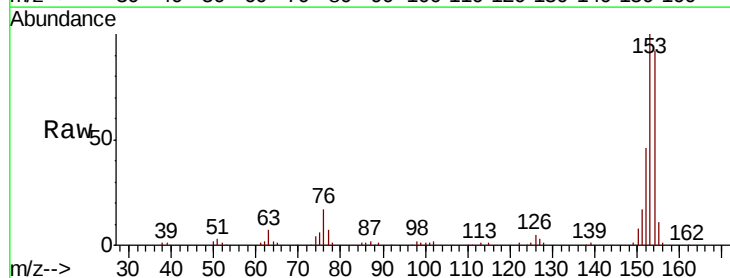
Tgt Ion:154 Resp: 148751

Ion Ratio Lower Upper

154 100

153 109.1 89.2 133.8

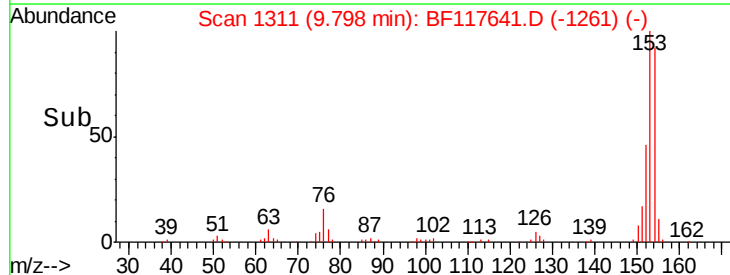
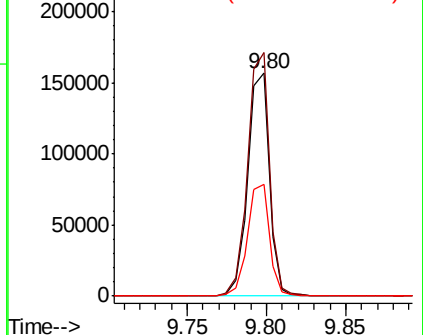
152 49.9 41.8 62.6

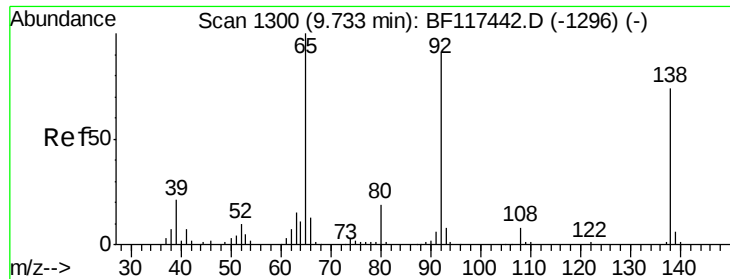


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

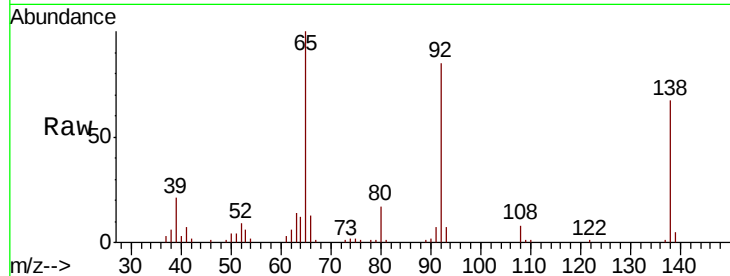




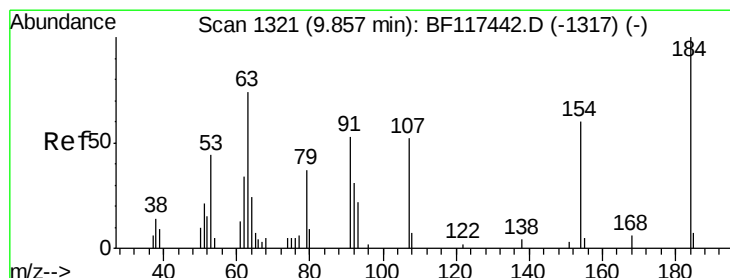
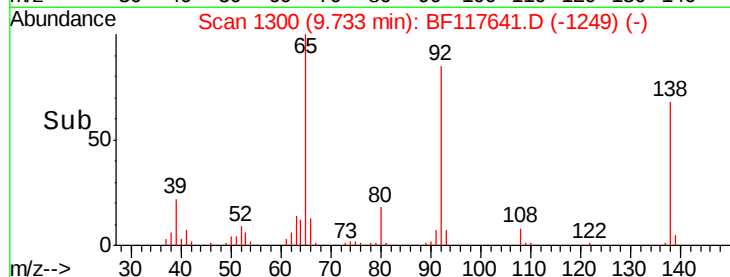
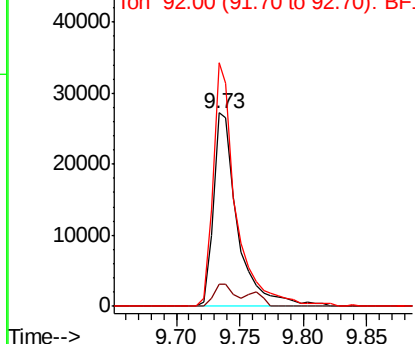
#53
3-Nitroaniline
Concen: 28.843 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion:138 Resp: 36451
Ion Ratio Lower Upper
138 100
108 11.5 8.7 13.1
92 126.0 98.4 147.6

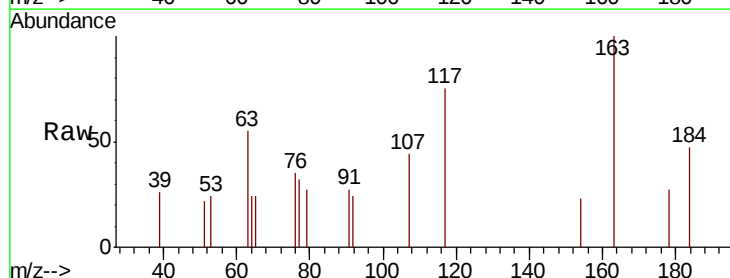


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

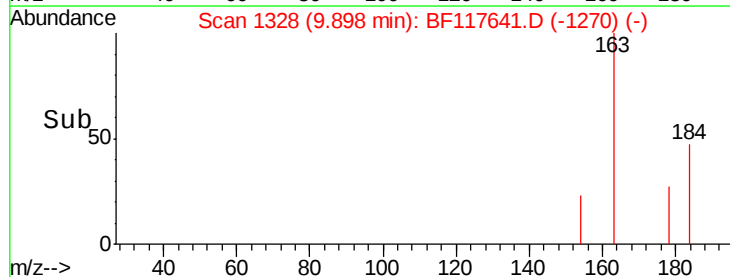
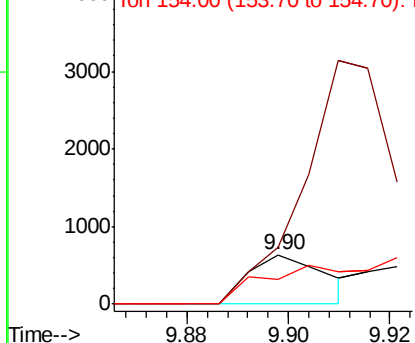


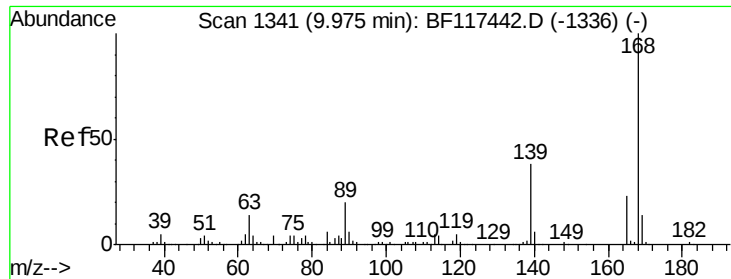
#54
2,4-Dinitrophenol
Concen: 5.936 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.04 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Tgt Ion:184 Resp: 654
Ion Ratio Lower Upper
184 100
63 116.0 59.2 88.8#
154 49.1 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

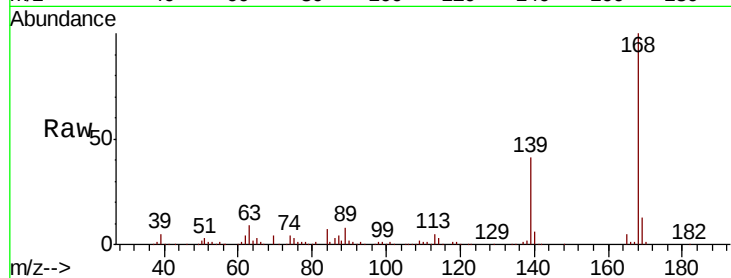




#55
Dibenzenofuran
Concen: 38.469 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.9	31.8	47.6
169	12.8	11.2	16.8

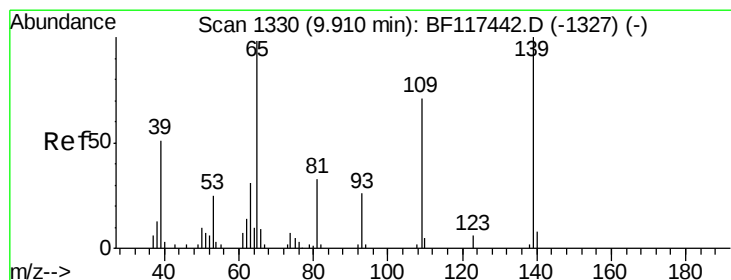
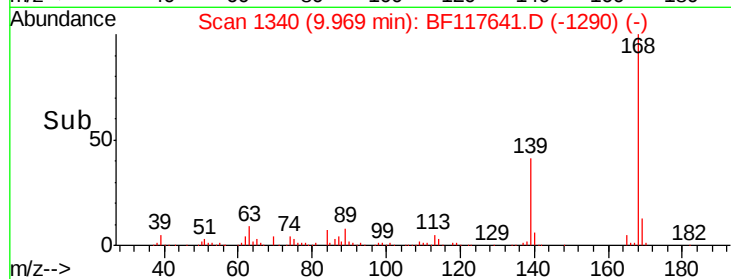
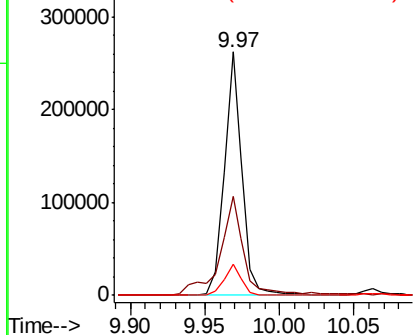


Abundance

Ion 168.00 (167.70 to 168.70): E

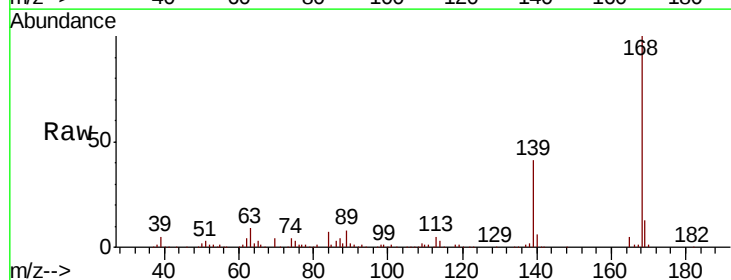
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 208.694 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.06 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	5.0	51.4	91.4#
65	8.5	79.4	119.4#

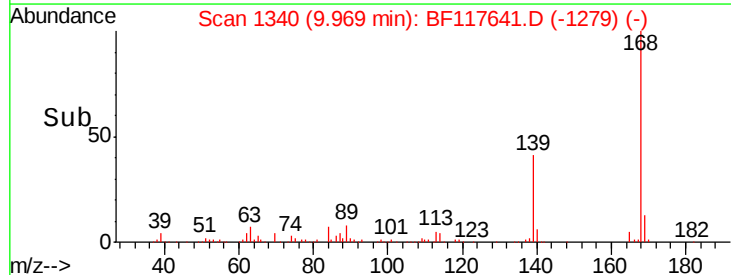
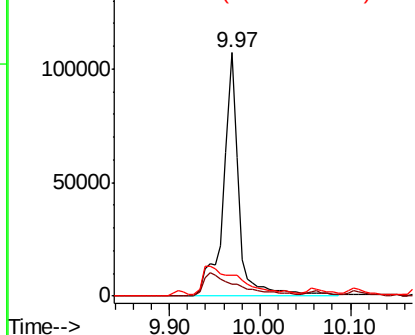


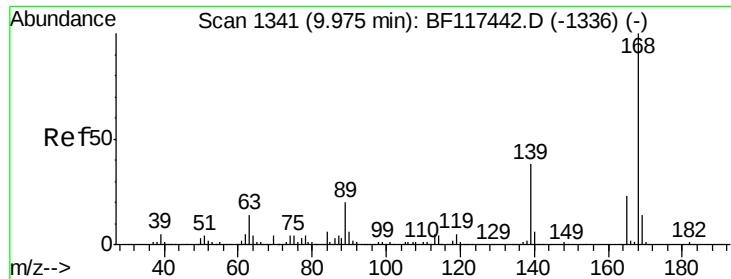
Abundance

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

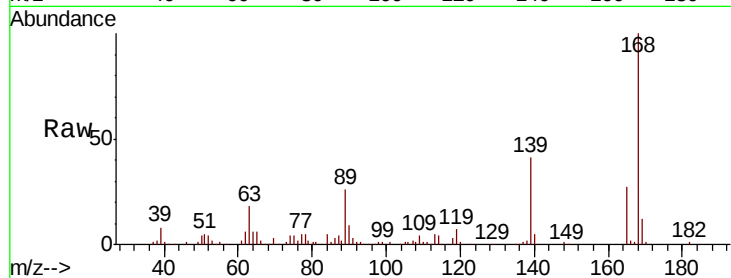




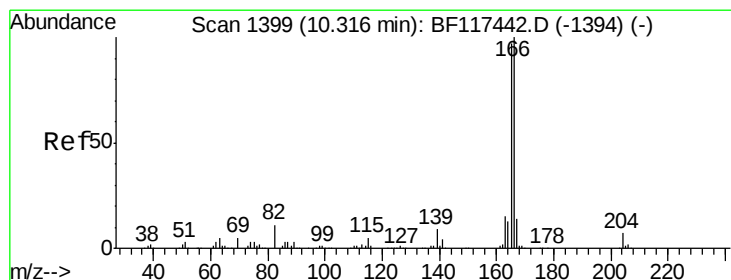
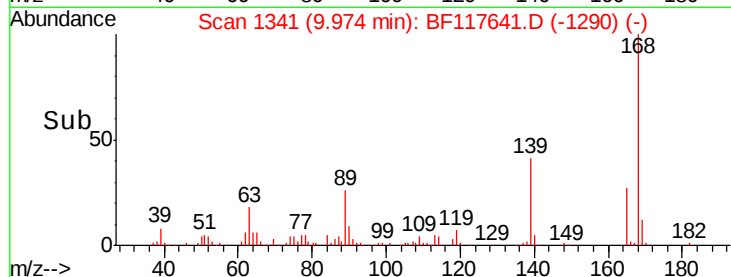
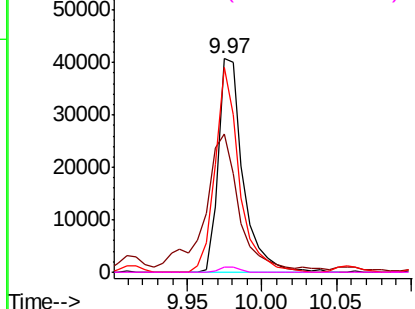
#57
2,4-Dinitrotoluene
Concen: 34.211 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion:165 Resp: 47376
Ion Ratio Lower Upper
165 100
63 64.7 51.4 77.0
89 96.1 69.9 104.9
182 2.3 1.9 2.9

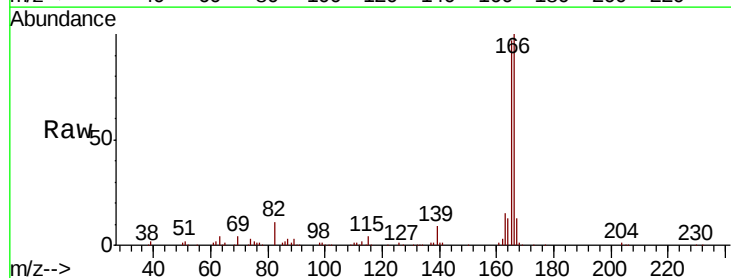


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

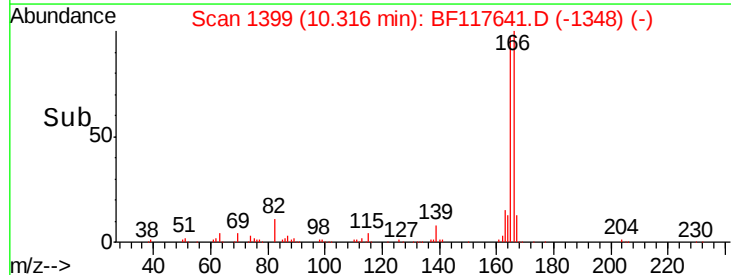
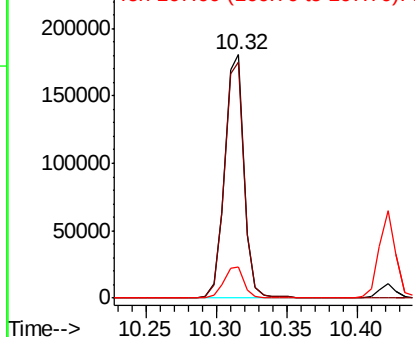


#58
Fluorene
Concen: 36.497 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Tgt Ion:166 Resp: 172215
Ion Ratio Lower Upper
166 100
165 97.1 77.6 116.4
167 12.7 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

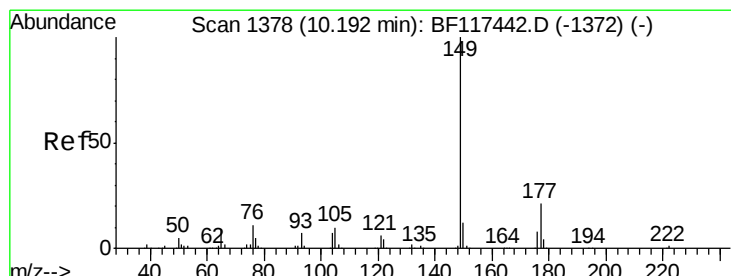
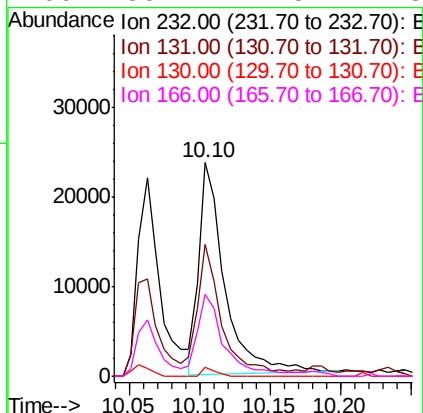
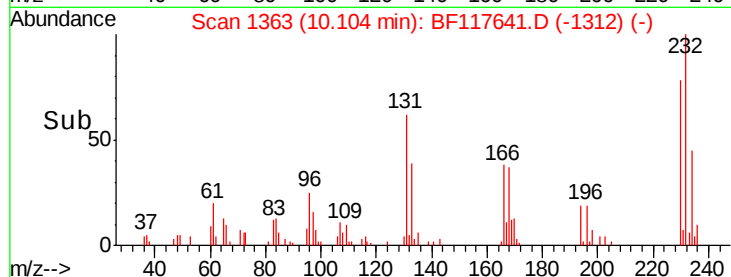
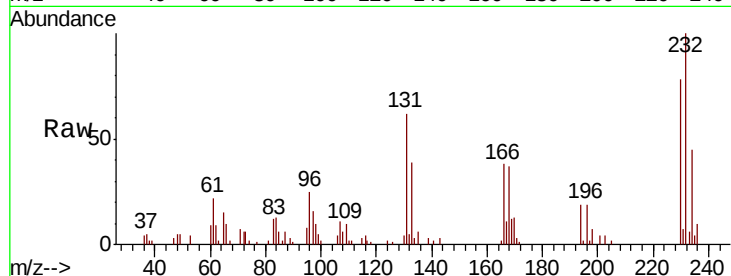




#59
2,3,4,6-Tetrachlorophenol
Concen: 31.924 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

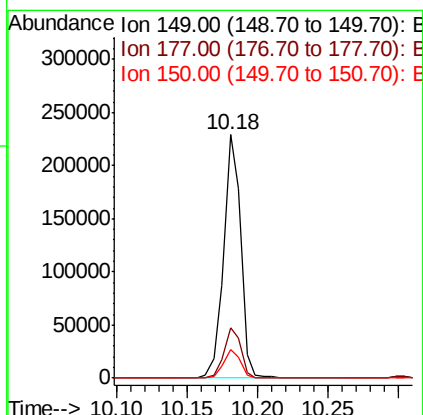
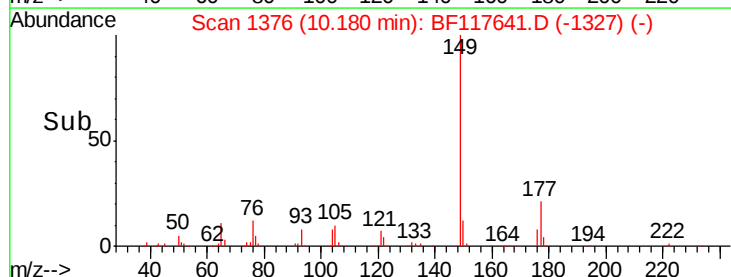
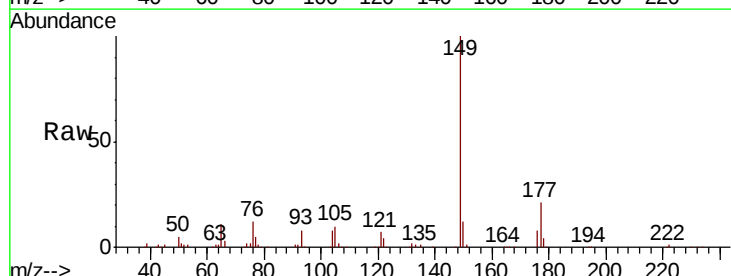
Instrument :
BNA_F
ClientSampleId :
PB124409BSD

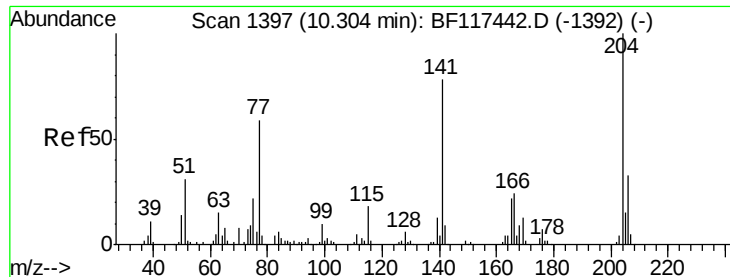
Tot Ion:232 Resp: 30026
Ion Ratio Lower Upper
232 100
131 60.1 42.6 63.8
130 2.2 2.2 3.4#
166 36.7 27.5 41.3



#60
Diethylphthalate
Concen: 38.254 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Tgt Ion:149 Resp: 193129
Ion Ratio Lower Upper
149 100
177 20.7 17.0 25.4
150 11.6 9.8 14.6

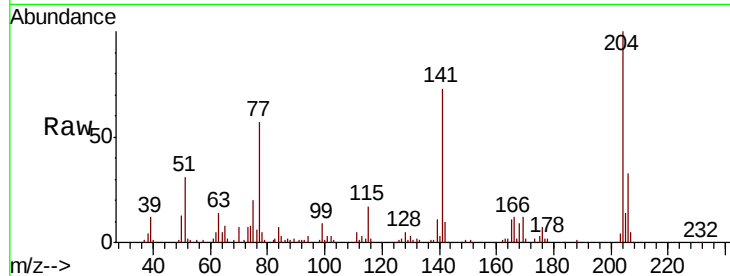




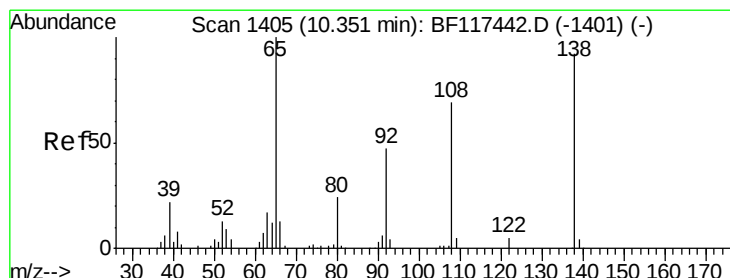
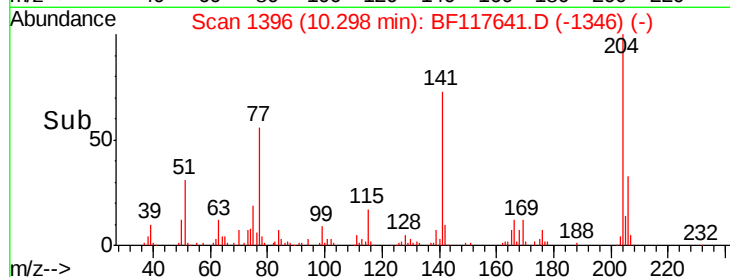
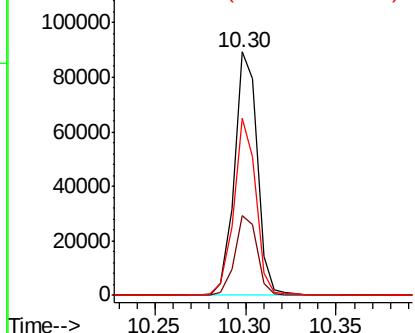
#61
4-Chlorophenyl-phenylether
Concen: 37.186 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion:204 Resp: 78724
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 72.8 62.2 93.4

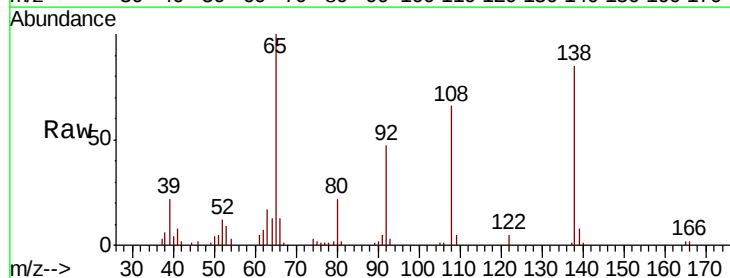


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

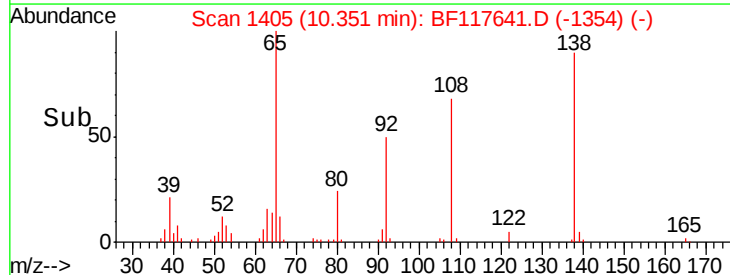
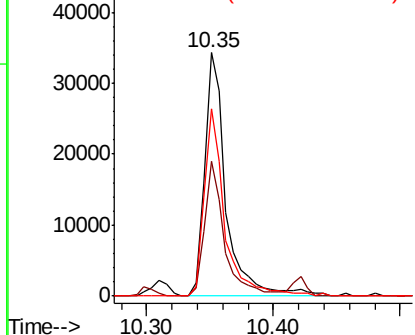


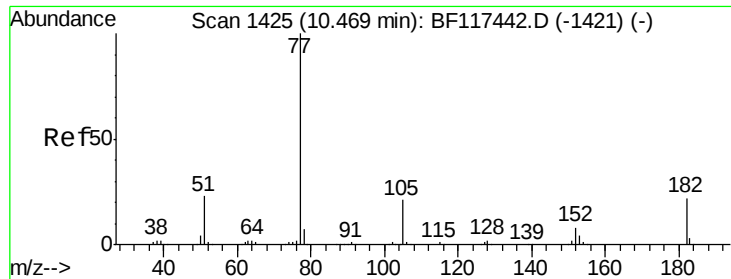
#62
4-Nitroaniline
Concen: 33.730 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Tgt Ion:138 Resp: 40179
Ion Ratio Lower Upper
138 100
92 55.3 30.3 70.3
108 76.9 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

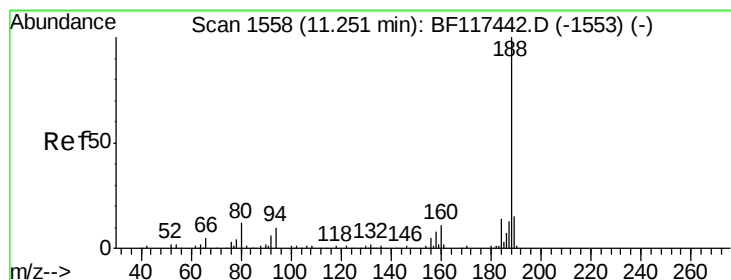
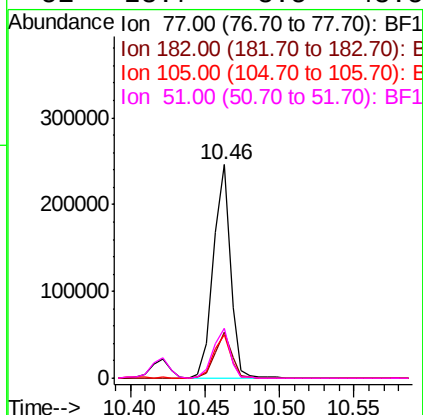
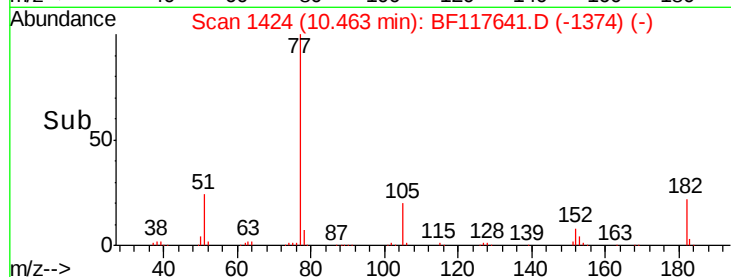
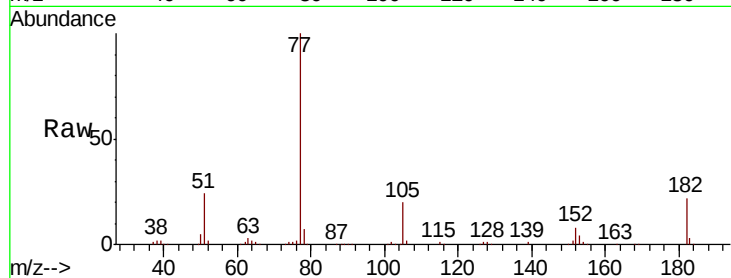




#63
Azobenzene
Concen: 37.968 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

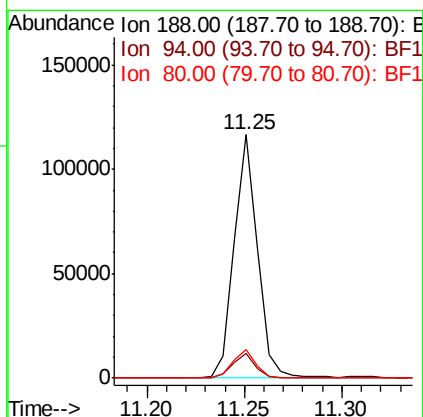
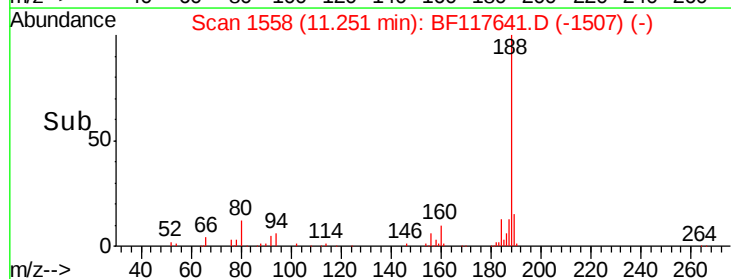
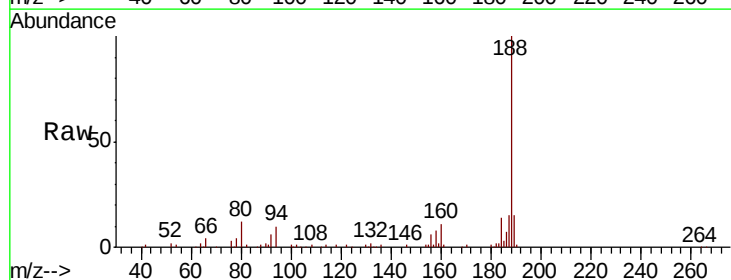
Instrument :
BNA_F
ClientSampleId :
PB124409BSD

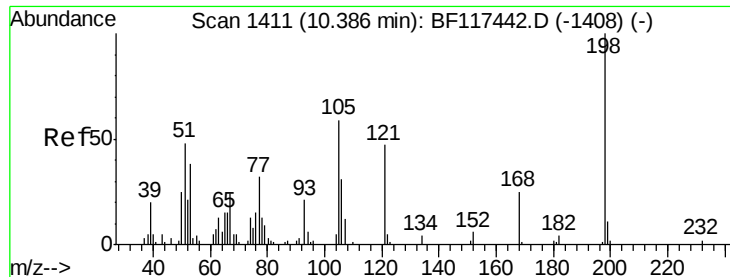
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	21.7	2.3	42.3	
105	20.4	1.3	41.3	
51	23.7	3.5	43.5	



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.9	8.0	12.0	
80	12.0	9.5	14.3	

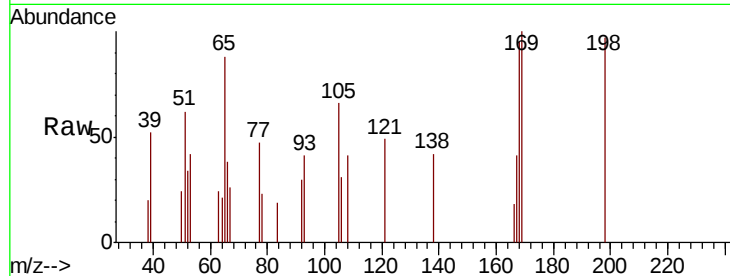




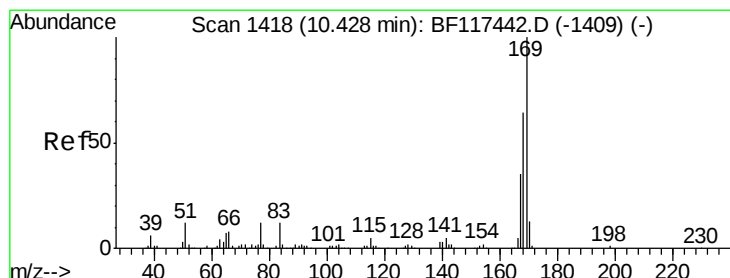
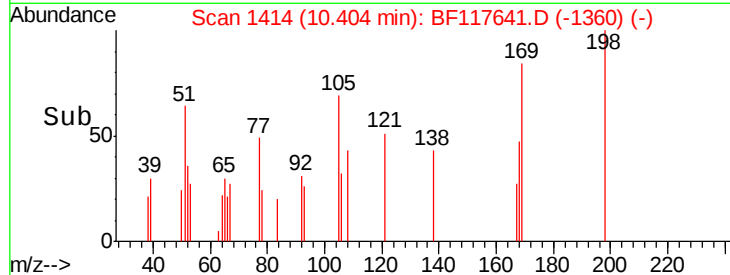
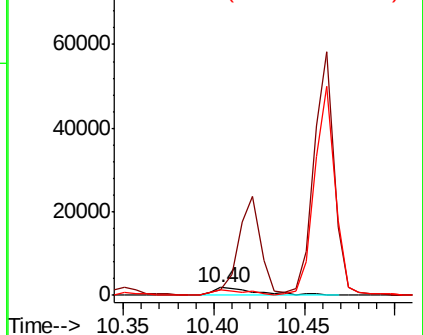
#65
4,6-Dinitro-2-methylphenol
Concen: 6.047 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.02 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion:198 Resp: 2995
Ion Ratio Lower Upper
198 100
51 63.8 29.1 69.1
105 68.6 39.4 79.4

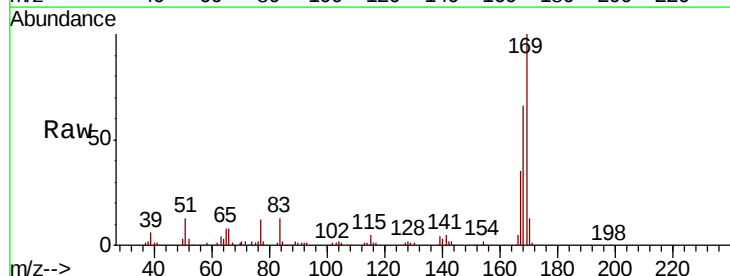


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

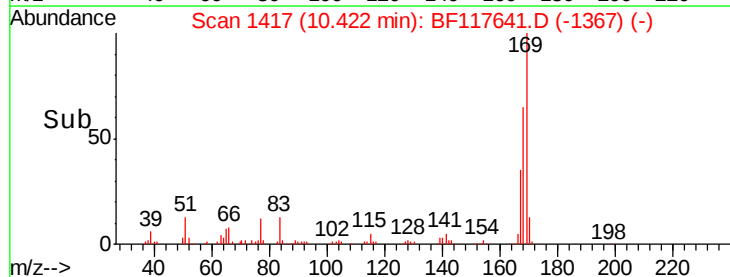
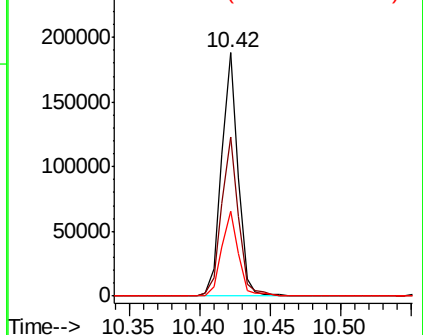


#66
n-Nitrosodiphenylamine
Concen: 43.076 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Tgt Ion:169 Resp: 153398
Ion Ratio Lower Upper
169 100
168 65.6 51.3 76.9
167 34.7 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

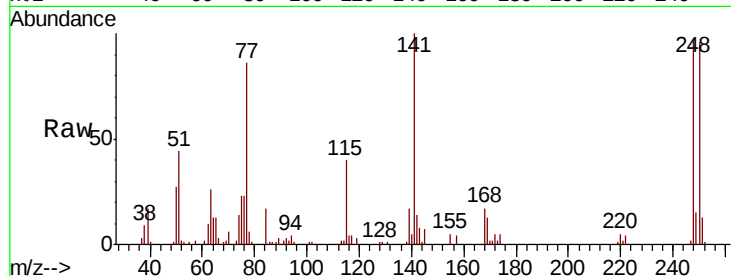




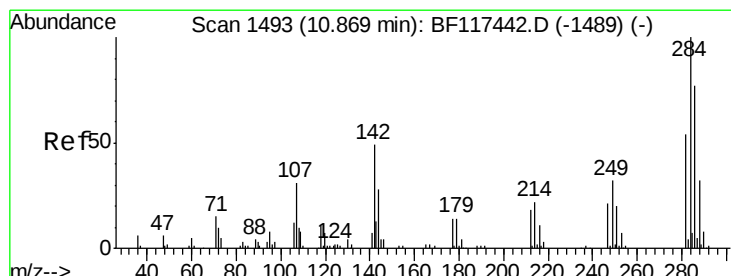
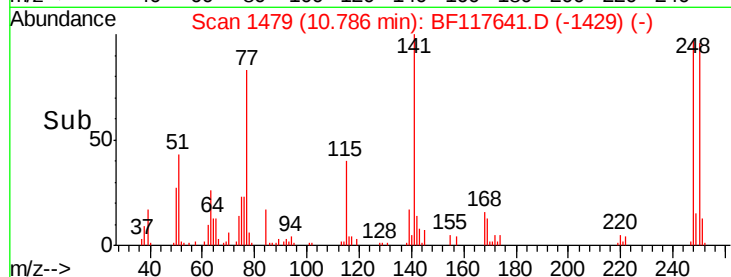
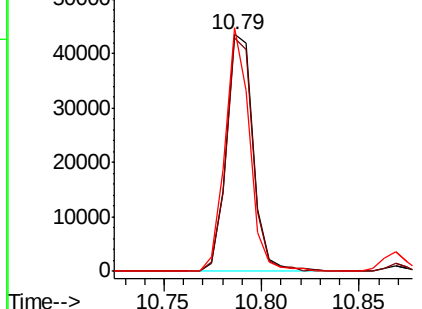
#67
 4-Bromophenyl-phenylether
 Concen: 39.520 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF117641.D
 Acq: 31 Oct 2019 3:07

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BSD

Tot Ion:248 Resp: 41466
 Ion Ratio Lower Upper
 248 100
 250 98.5 78.0 117.0
 141 102.8 81.7 122.5

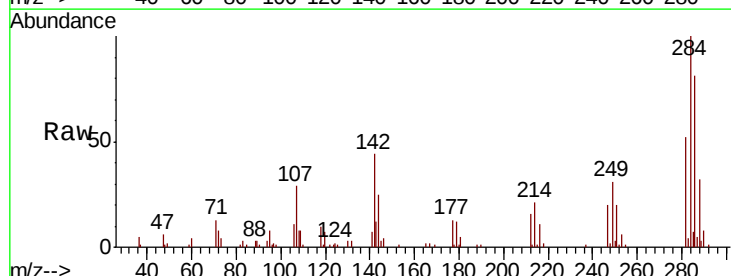


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

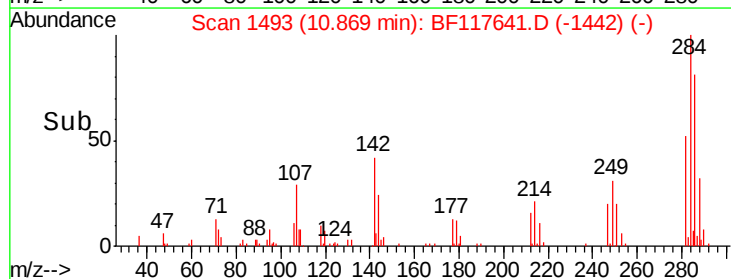
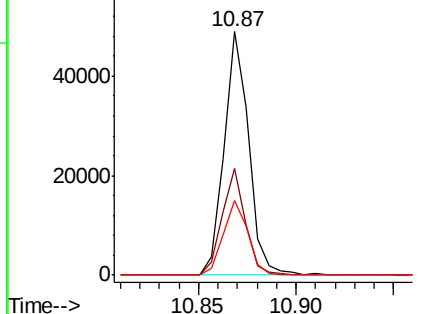


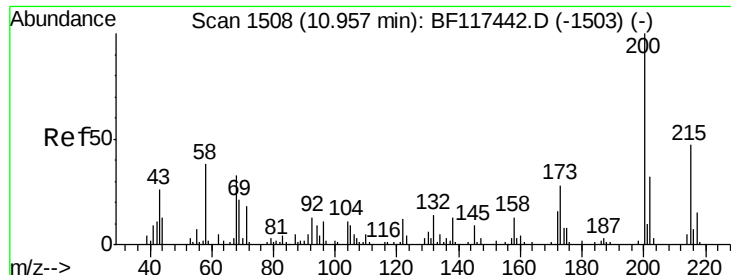
#68
 Hexachlorobenzene
 Concen: 37.860 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF117641.D
 Acq: 31 Oct 2019 3:07

Tgt Ion:284 Resp: 42542
 Ion Ratio Lower Upper
 284 100
 142 43.6 39.0 58.6
 249 30.9 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

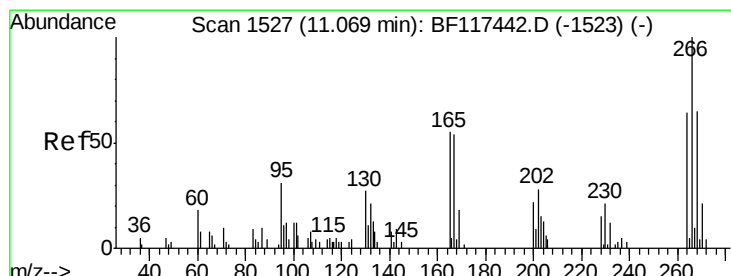
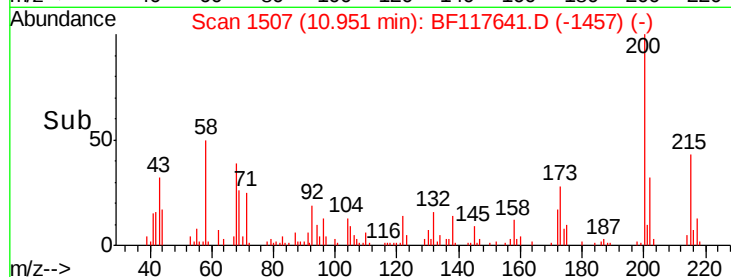
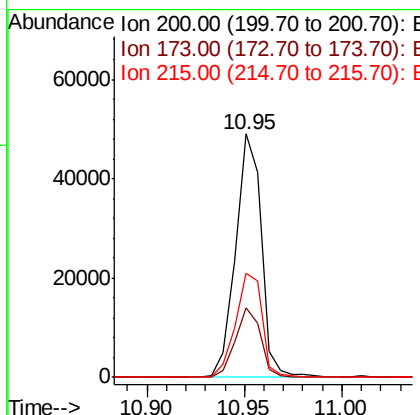
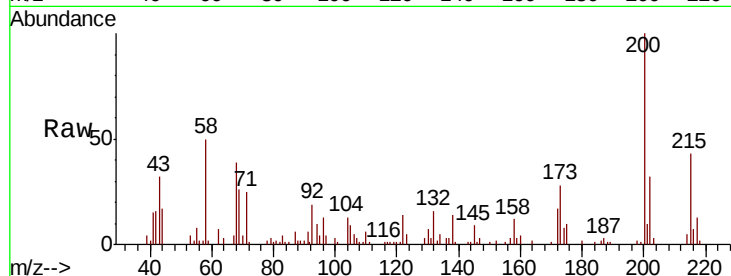




#69
 Atrazine
 Concen: 49.466 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF117641.D
 Acq: 31 Oct 2019 3:07

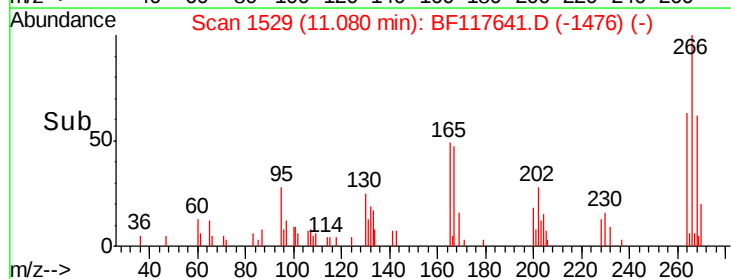
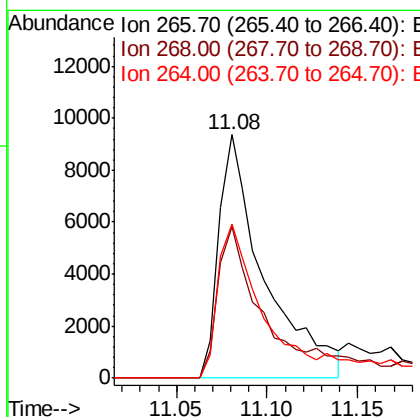
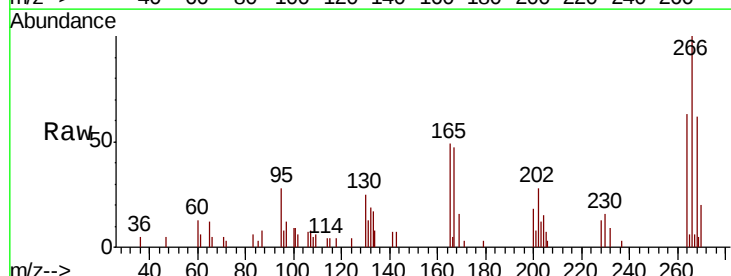
Instrument :
 BNA_F
 ClientSampleId :
 PB124409BSD

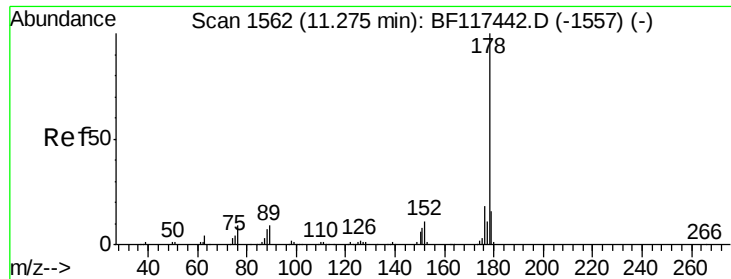
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	8.2	48.2
215	43.0	26.8	66.8



#70
 Pentachlorophenol
 Concen: 48.389 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.01 min
 Lab File: BF117641.D
 Acq: 31 Oct 2019 3:07

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.6	77.4
264	63.2	51.4	77.2





#71

Phenanthrene

Concen: 38.510 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF117641.D

Acq: 31 Oct 2019 3:07

Instrument :

BNA_F

ClientSampleId :

PB124409BSD

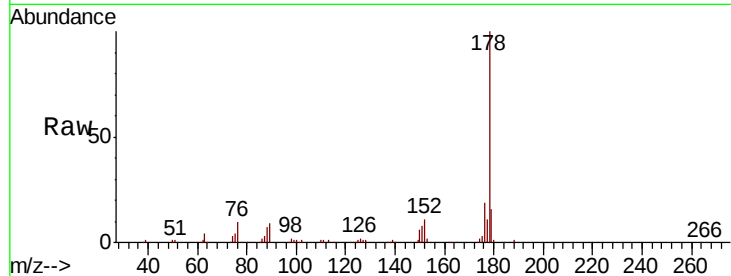
Tot Ion:178 Resp: 217825

Ion Ratio Lower Upper

178 100

176 18.7 14.6 22.0

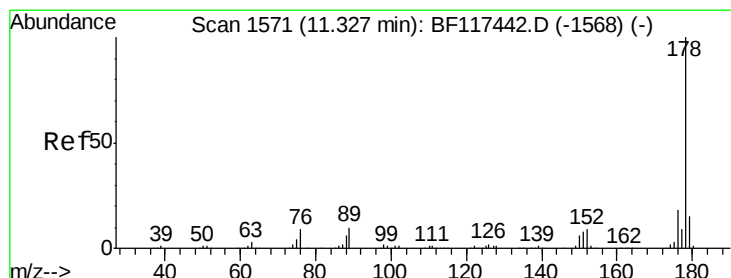
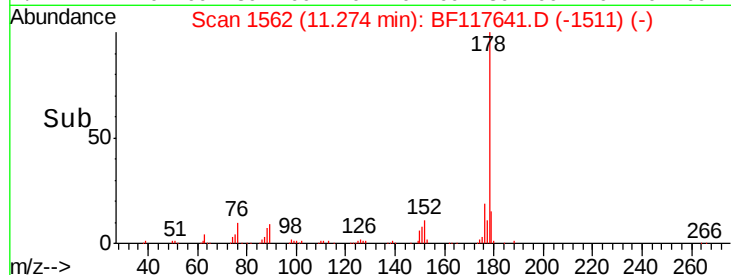
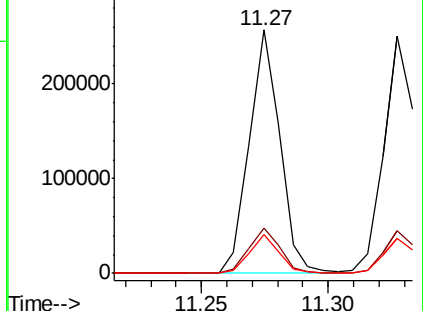
179 15.7 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.816 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BF117641.D

Acq: 31 Oct 2019 3:07

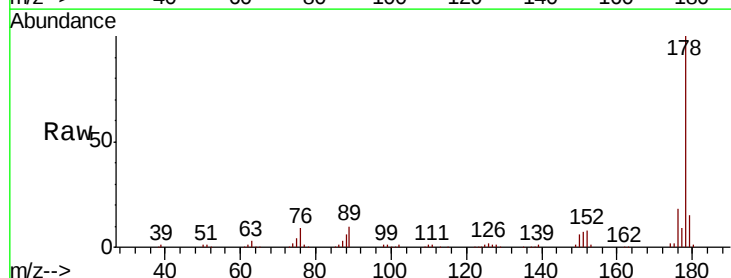
Tgt Ion:178 Resp: 231078

Ion Ratio Lower Upper

178 100

176 18.1 14.7 22.1

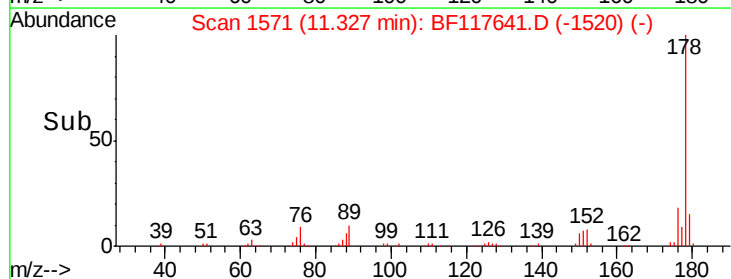
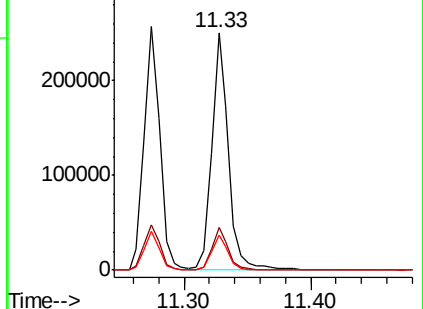
179 15.0 12.2 18.2

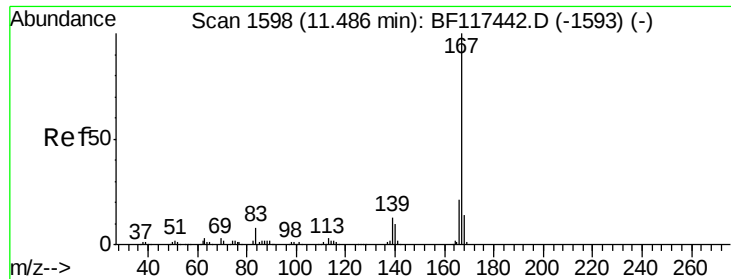


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.435 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.01 min

Lab File: BF117641.D

Acq: 31 Oct 2019 3:07

Instrument :

BNA_F

ClientSampleId :

PB124409BSD

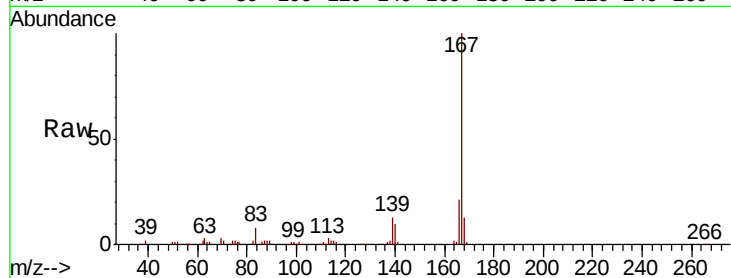
Tot Ion:167 Resp: 209158

Ion Ratio Lower Upper

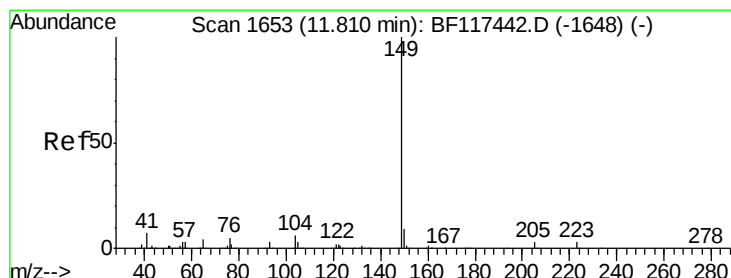
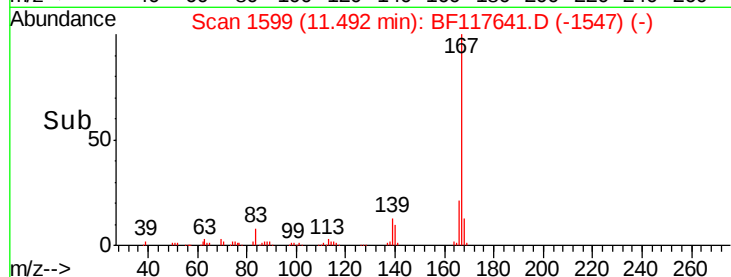
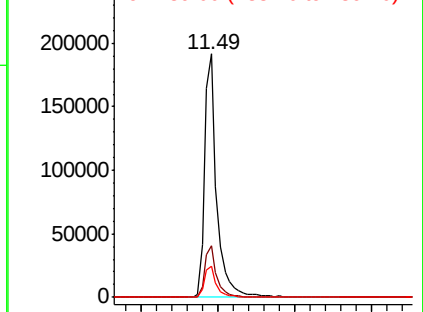
167 100

166 21.1 17.0 25.6

139 12.6 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: 40.052 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BF117641.D

Acq: 31 Oct 2019 3:07

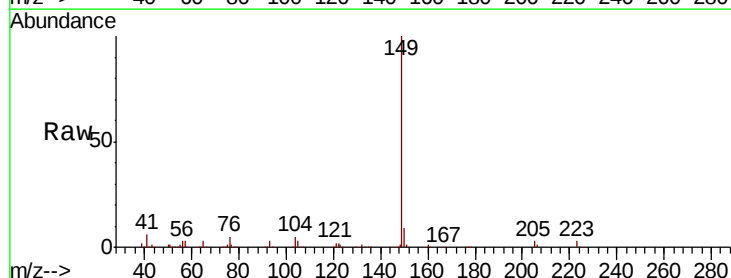
Tgt Ion:149 Resp: 283841

Ion Ratio Lower Upper

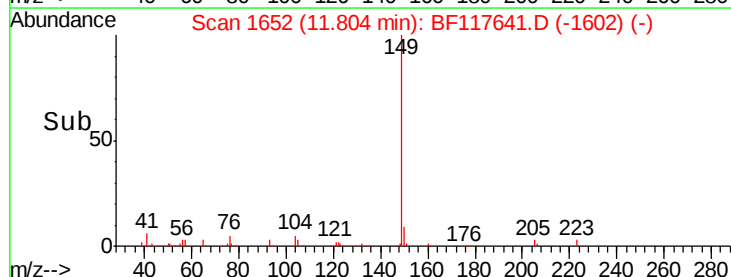
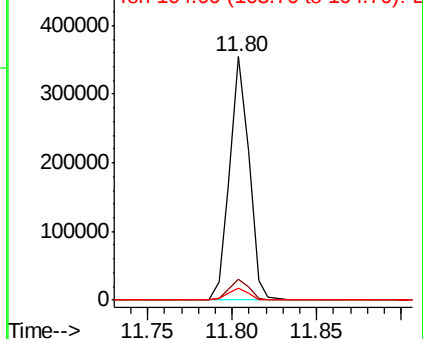
149 100

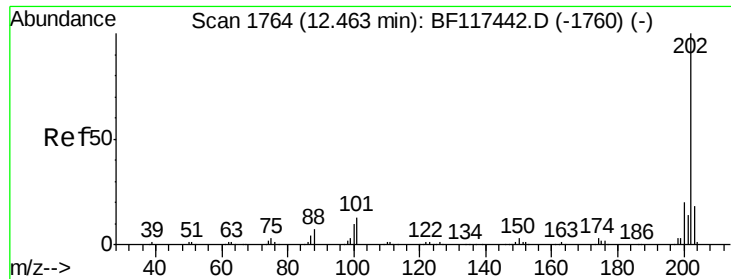
150 8.8 7.5 11.3

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

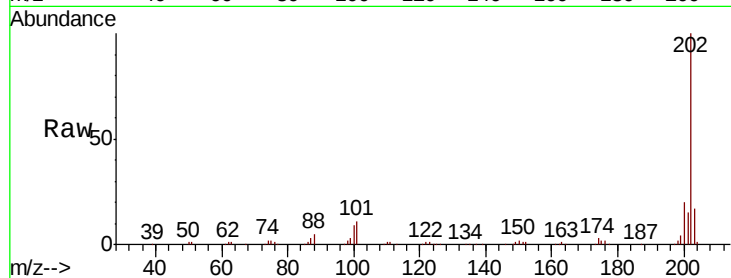




#75
 Fluoranthene
 Concen: 37.572 ng
 RT: 12.47 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: BF117641.D
 Acq: 31 Oct 2019 3:07

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	32.7
203	17.1	0.0	37.6

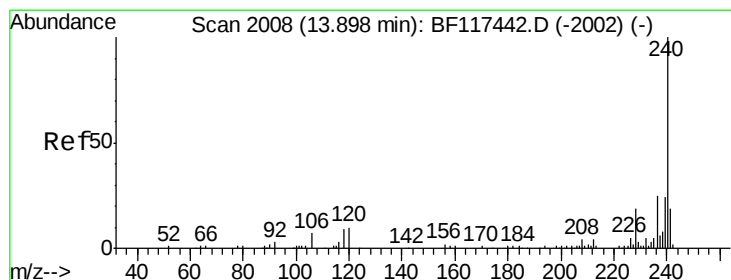
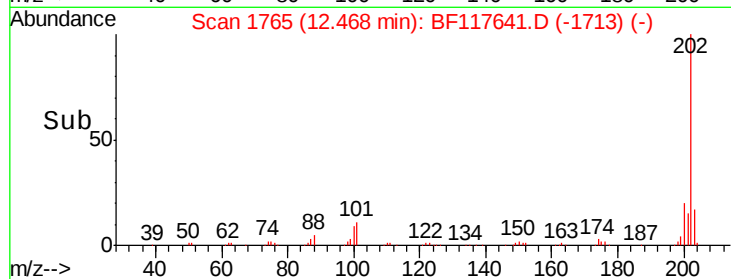
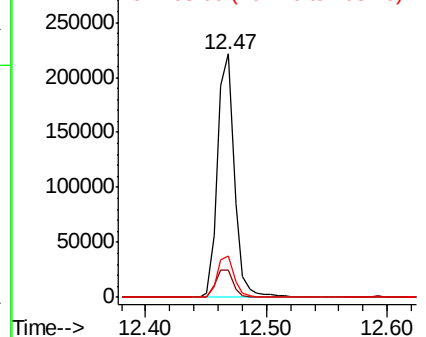


Abundance

Ion 202.00 (201.70 to 202.70): E

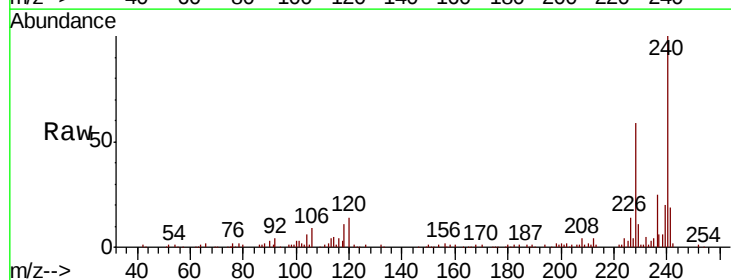
Ion 101.00 (100.70 to 101.70): E

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: BF117641.D
 Acq: 31 Oct 2019 3:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.6	8.4	12.6#
236	25.2	20.0	30.0

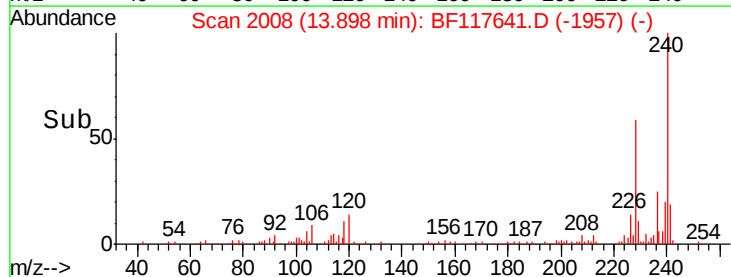
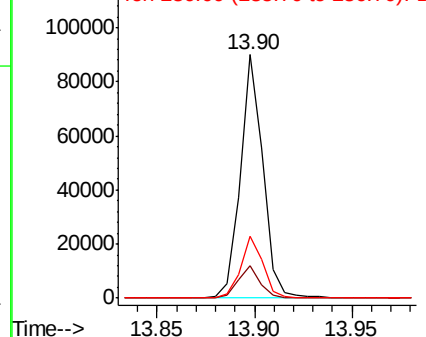


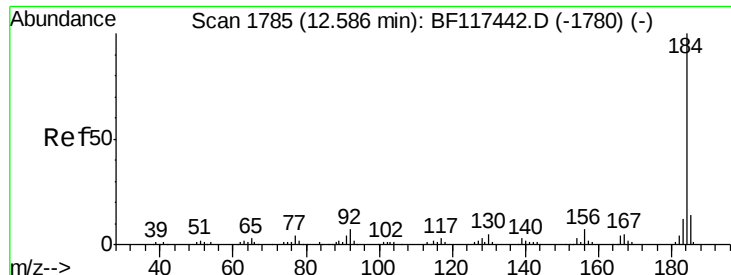
Abundance

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

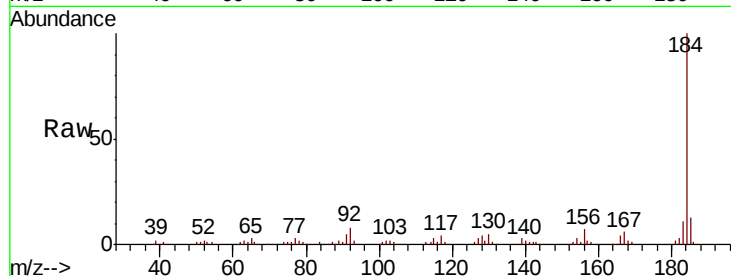




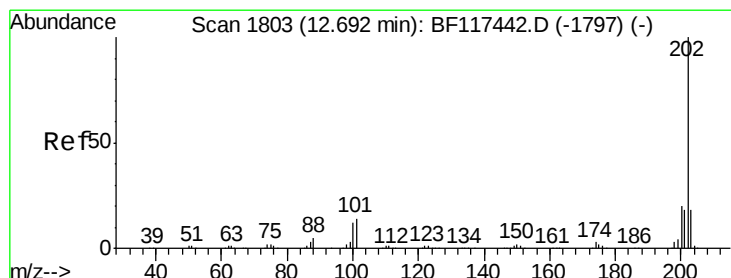
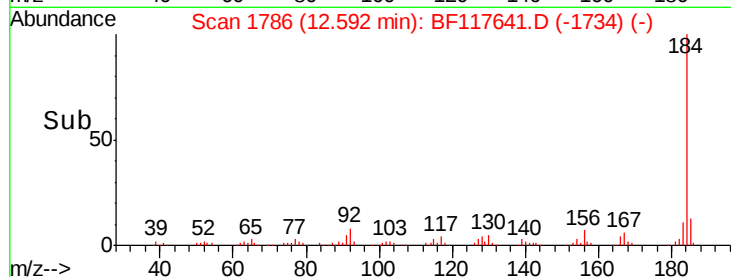
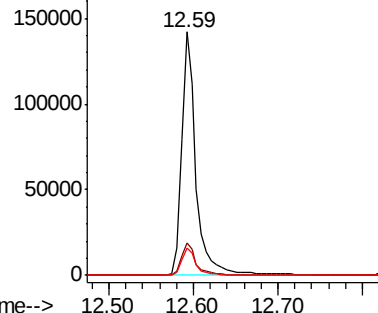
#77
Benzidine
Concen: Below Cal
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Instrument :
BNA_F
ClientSampleId :
PB124409BSD

Tot Ion:184 Resp: 169105
Ion Ratio Lower Upper
184 100
185 13.3 11.4 17.0
183 11.3 9.6 14.4

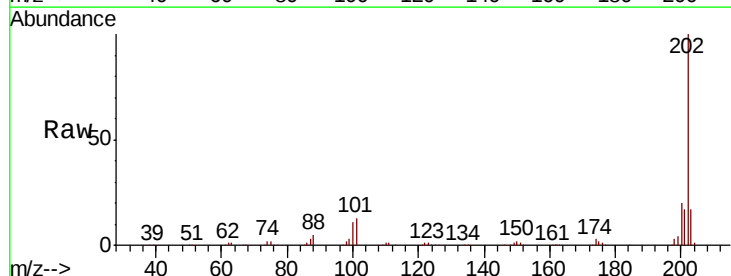


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

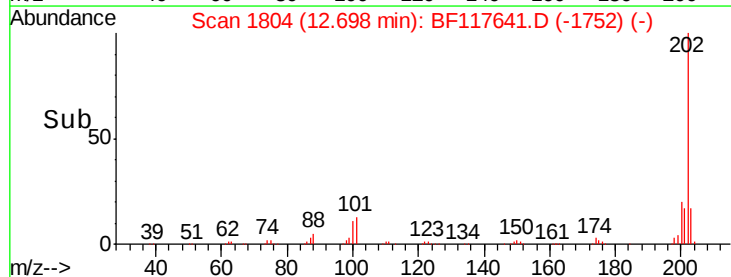
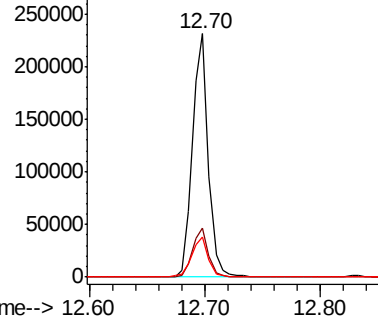


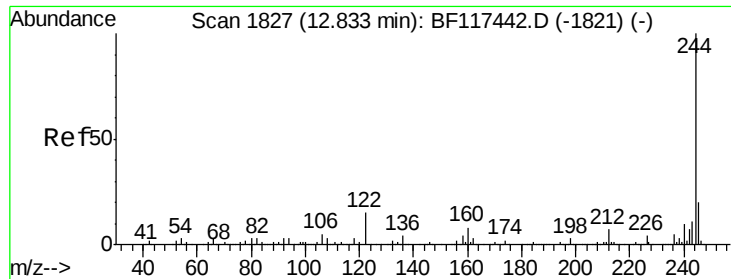
#78
Pyrene
Concen: 35.692 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Tgt Ion:202 Resp: 219917
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.2
203 16.6 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: 67.740 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF117641.D

Acq: 31 Oct 2019 3:07

Instrument :

BNA_F

ClientSampleId :

PB124409BSD

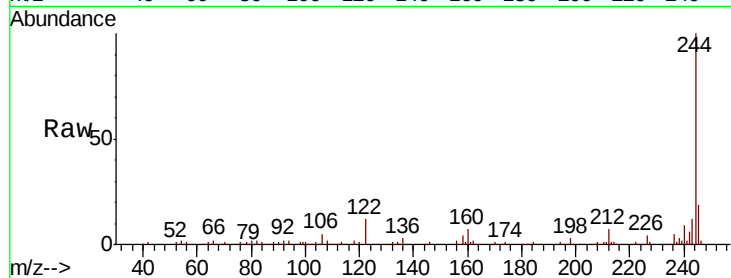
Tot Ion:244 Resp: 297912

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

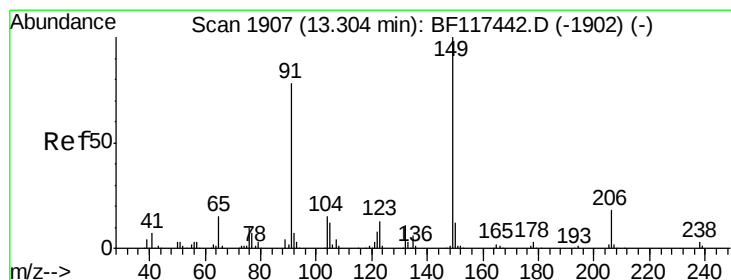
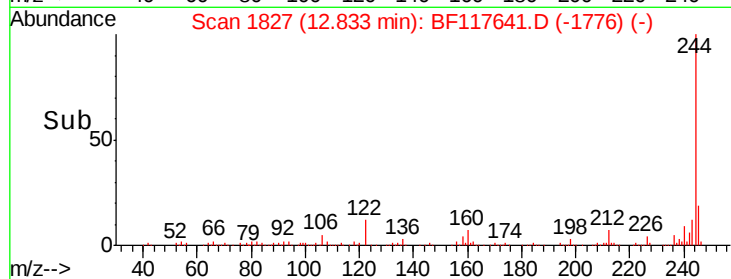
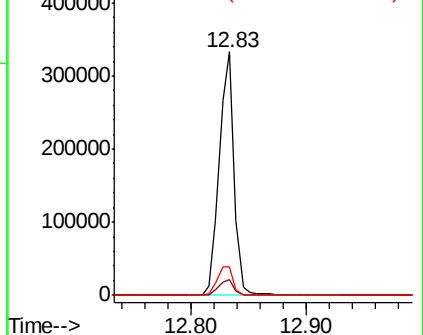
122 11.6 11.8 17.8#



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: 34.504 ng

RT: 13.30 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF117641.D

Acq: 31 Oct 2019 3:07

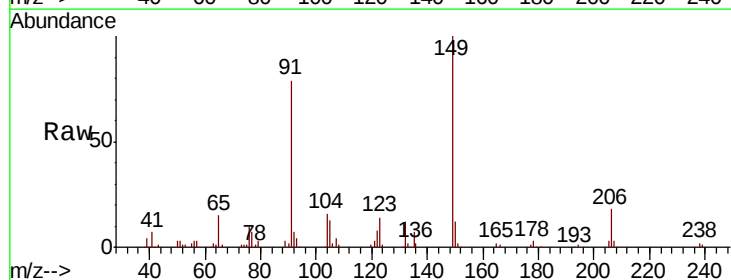
Tgt Ion:149 Resp: 105793

Ion Ratio Lower Upper

149 100

91 79.3 62.1 93.1

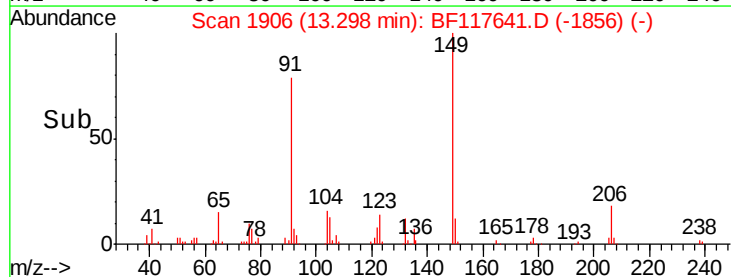
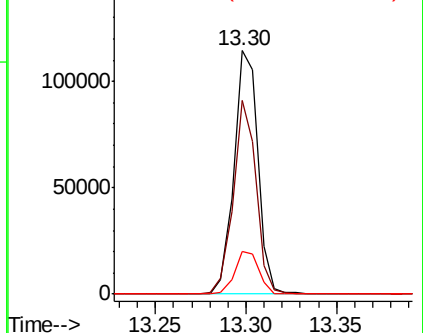
206 17.7 14.3 21.5

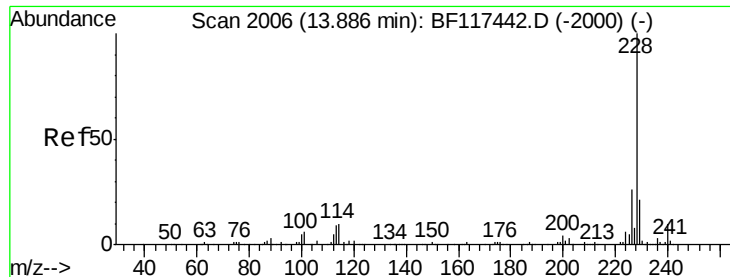


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

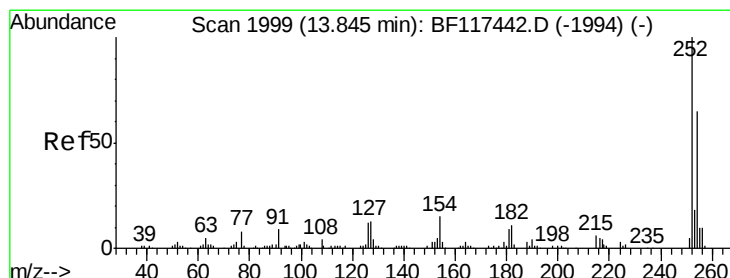
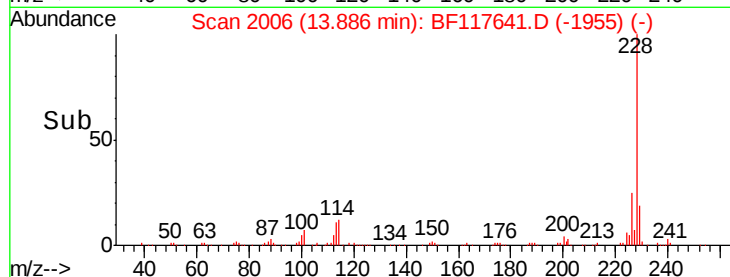
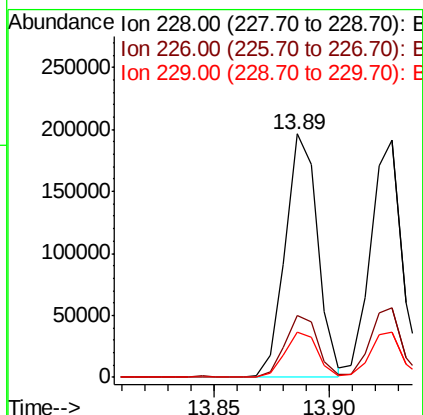
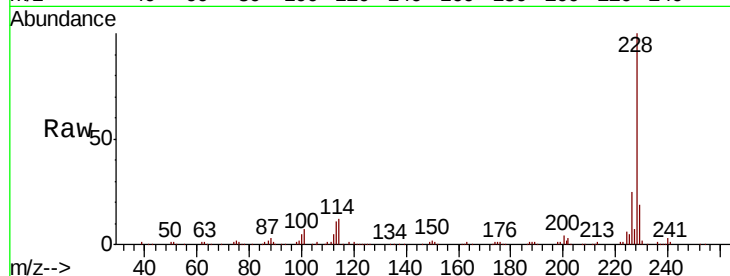




#81
Benzo(a)anthracene
Concen: 39.446 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

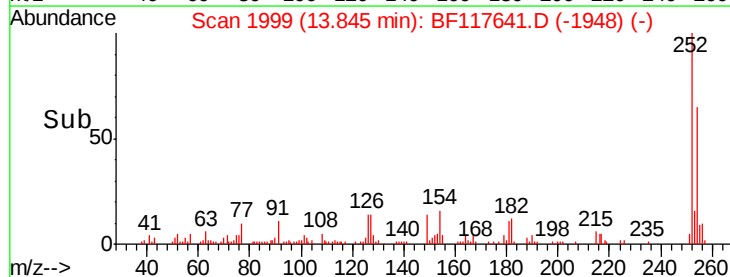
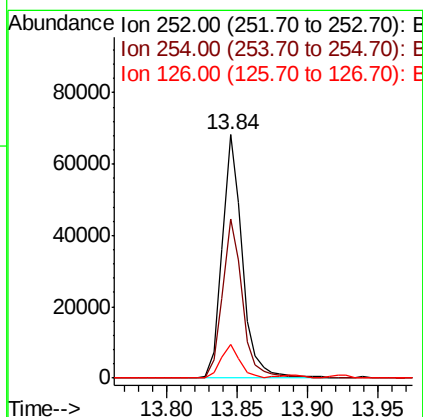
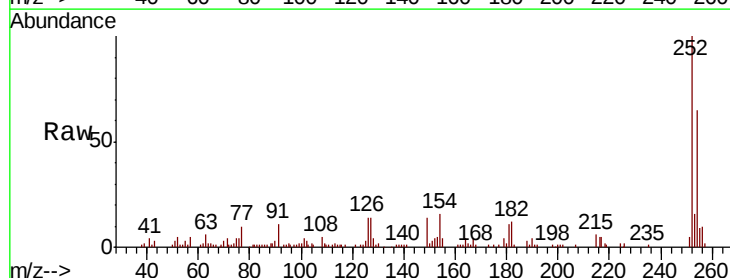
Instrument :
BNA_F
ClientSampleId :
PB124409BSD

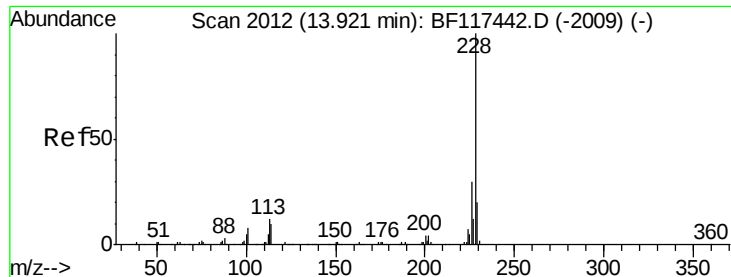
Tot Ion:228 Resp: 190870
Ion Ratio Lower Upper
228 100
226 25.4 21.0 31.4
229 18.7 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 44.604 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Tgt Ion:252 Resp: 67725
Ion Ratio Lower Upper
252 100
254 65.2 52.2 78.4
126 13.7 9.2 13.8

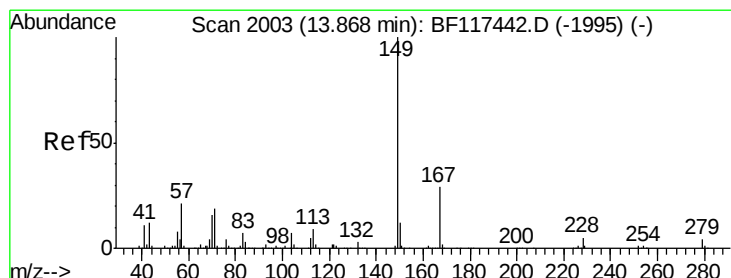
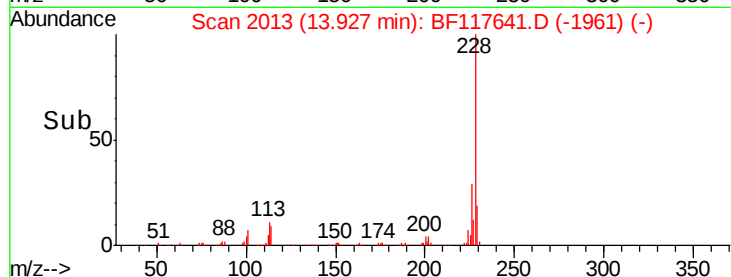
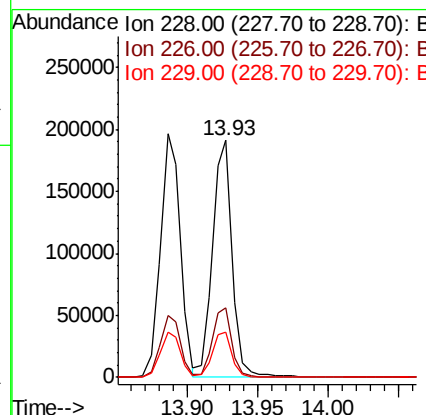
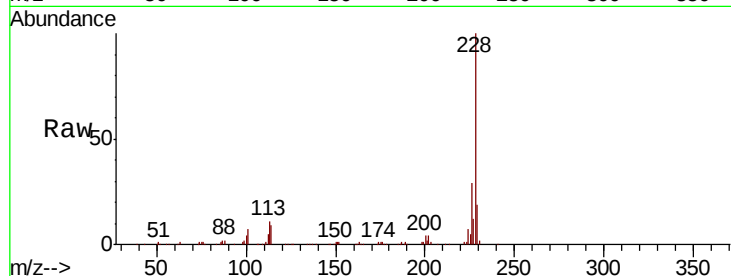




#83
 Chrvsene
 Concen: 38.645 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF117641.D
 Acq: 31 Oct 2019 3:07

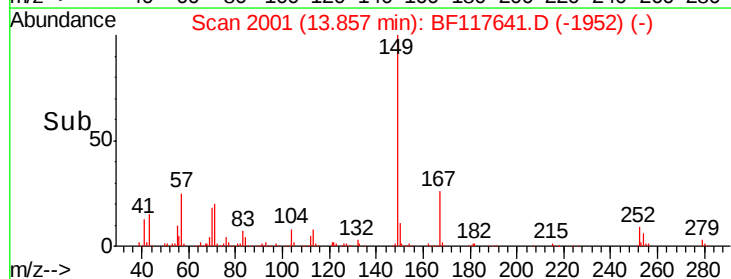
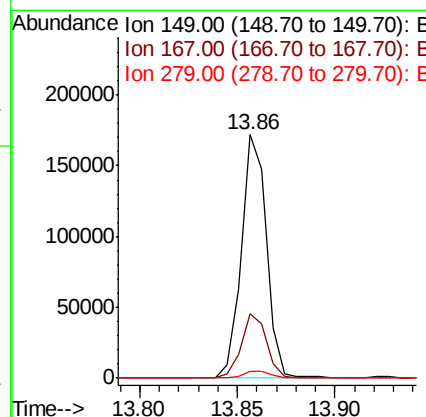
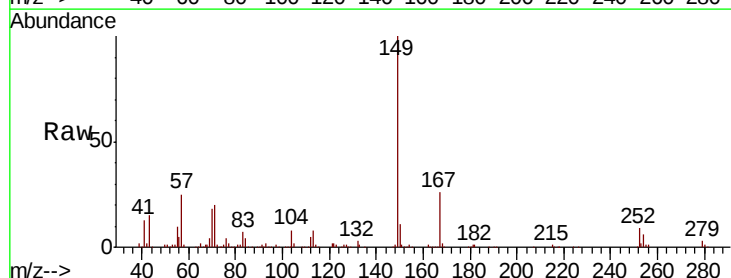
Instrument :
 BNA_F
 ClientSampleId :
 PB124409BSD

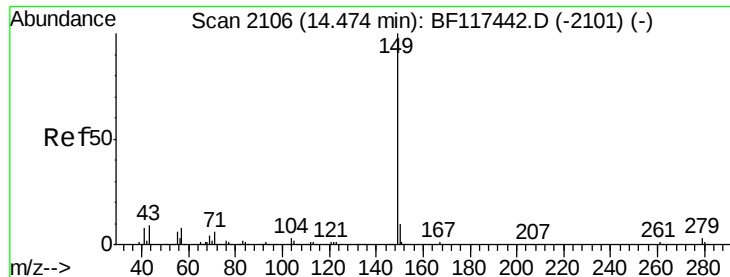
Tot Ion:228 Resp: 183263
 Ion Ratio Lower Upper
 228 100
 226 29.5 23.9 35.9
 229 18.9 15.8 23.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.754 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF117641.D
 Acq: 31 Oct 2019 3:07

Tgt Ion:149 Resp: 153566
 Ion Ratio Lower Upper
 149 100
 167 26.3 23.3 34.9
 279 2.7 3.2 4.8#

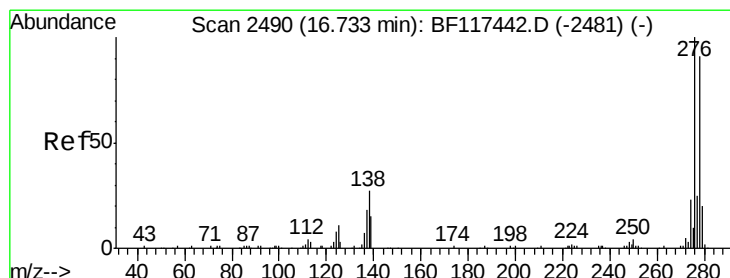
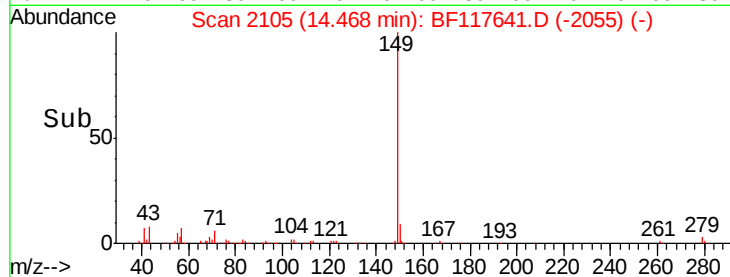
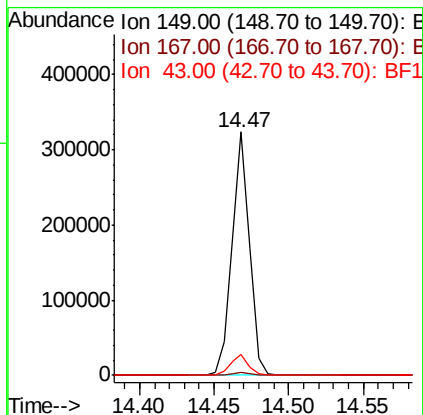
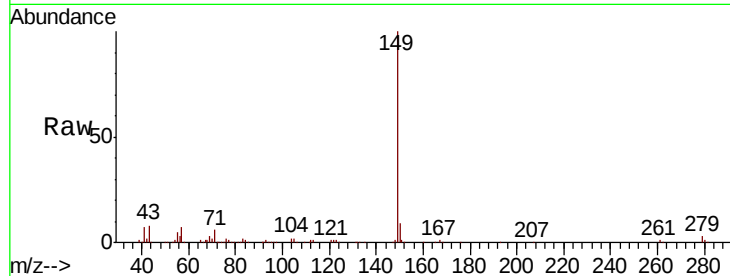




#85
Di-n-octyl phthalate
Concen: 40.848 ng
RT: 14.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

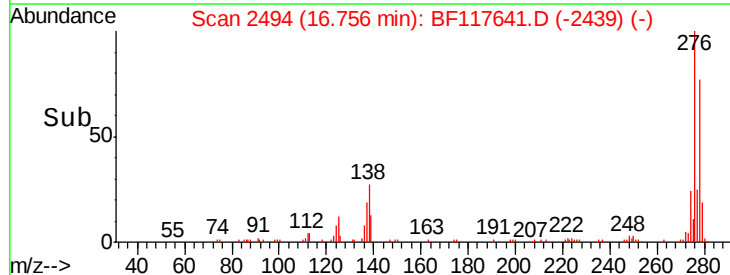
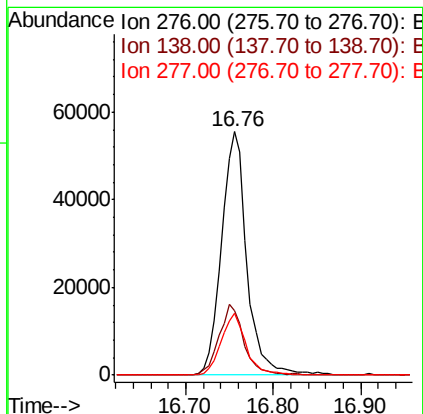
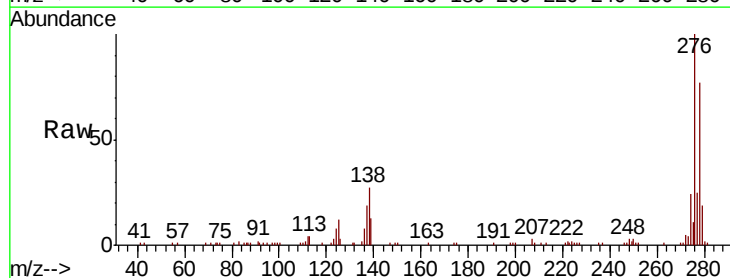
Instrument :
BNA_F
ClientSampleId :
PB124409BSD

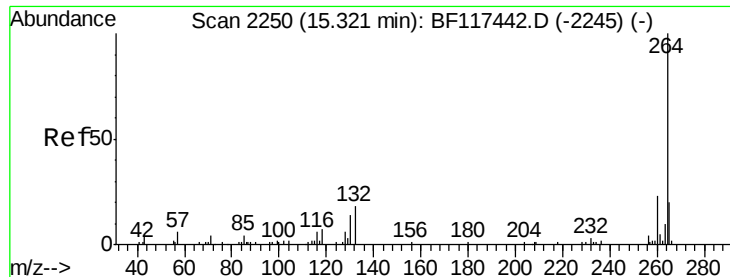
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.4	6.8	10.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 31.302 ng
RT: 16.76 min Scan# 2494
Delta R.T. 0.02 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.3	21.8	32.8
277	24.8	20.0	30.0

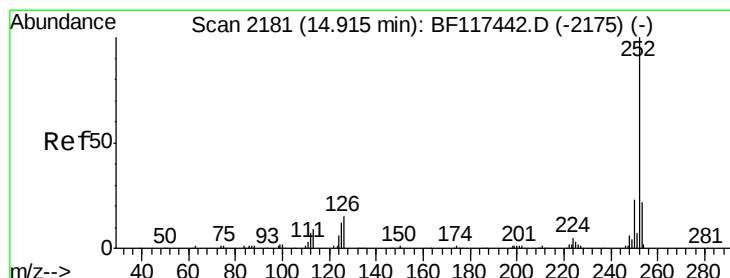
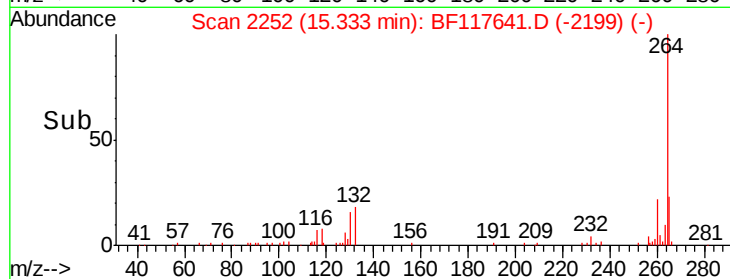
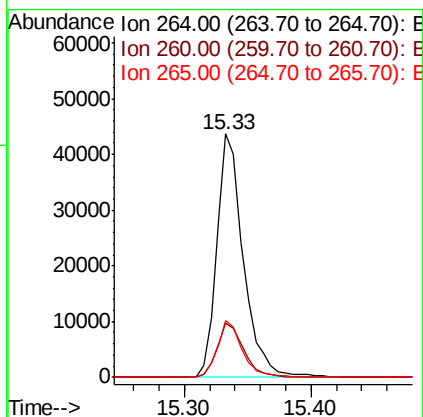
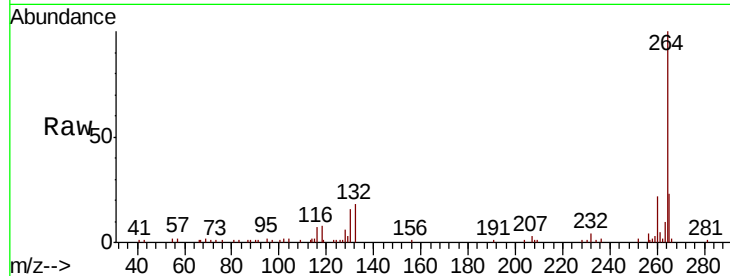




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

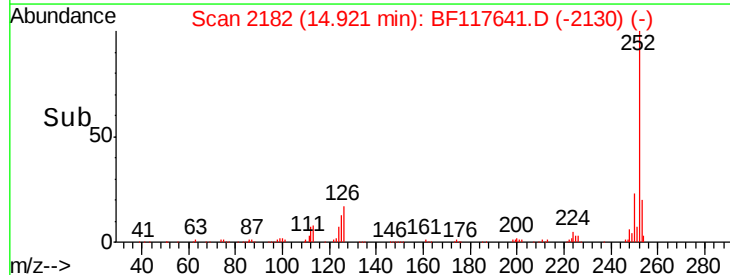
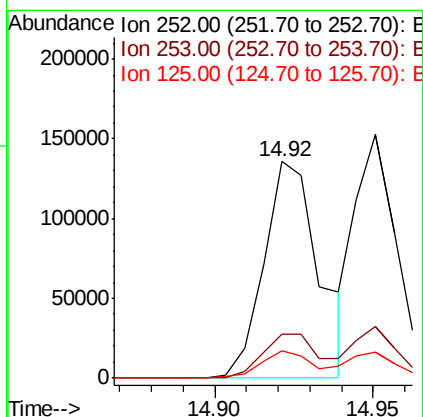
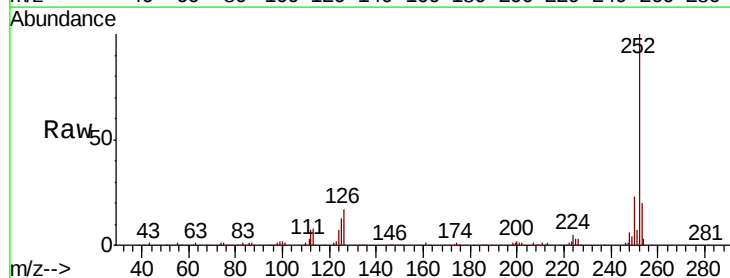
Instrument :
BNA_F
ClientSampleId :
PB124409BSD

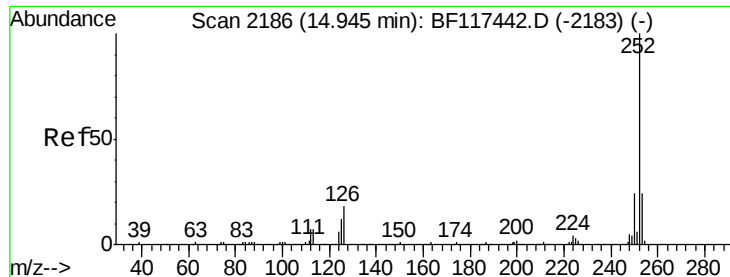
Tot Ion:264 Resp: 63816
Ion Ratio Lower Upper
264 100
260 22.0 18.4 27.6
265 23.3 16.1 24.1



#88
Benzo(b)fluoranthene
Concen: 43.619 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Tgt Ion:252 Resp: 164376
Ion Ratio Lower Upper
252 100
253 20.4 17.8 26.6
125 12.6 9.9 14.9

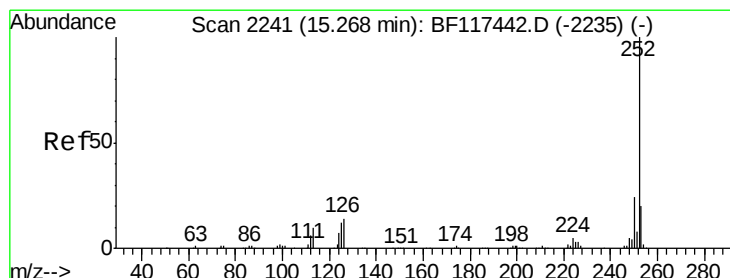
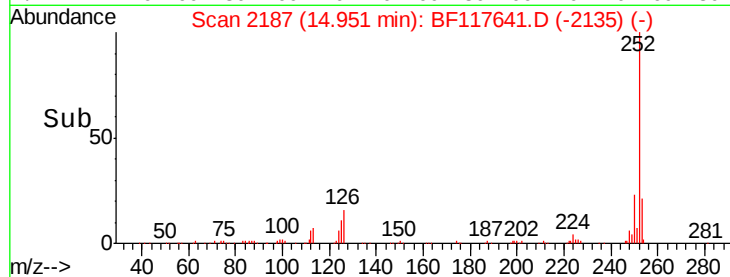
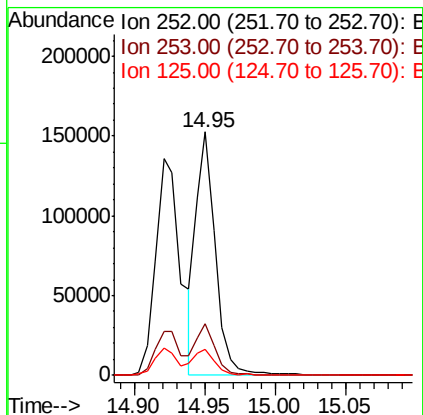
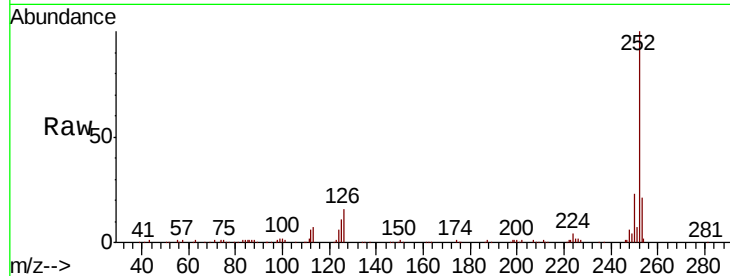




#89
Benzo(k)fluoranthene
Concen: 37.263 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

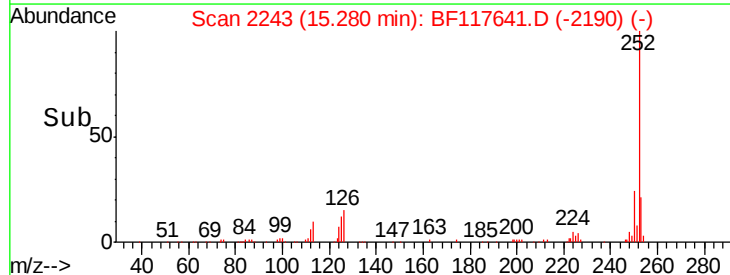
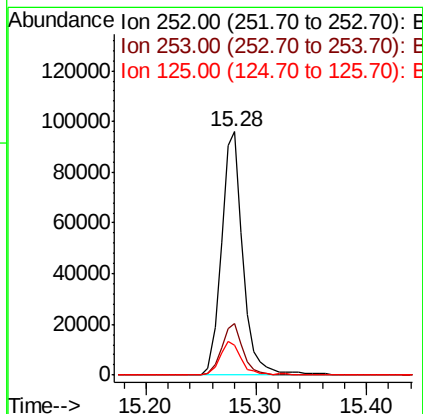
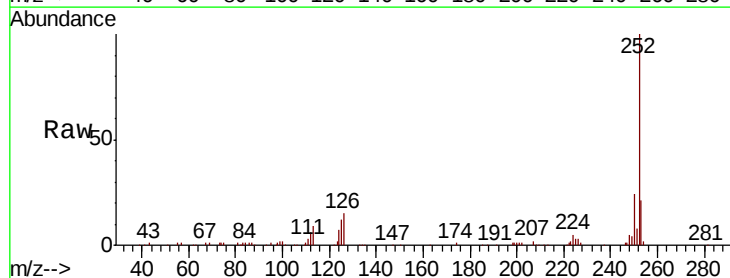
Instrument :
BNA_F
ClientSampleId :
PB124409BSD

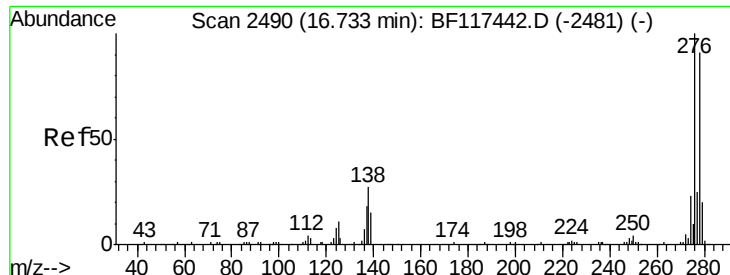
Tot Ion:252 Resp: 143924
Ion Ratio Lower Upper
252 100
253 21.0 18.0 27.0
125 10.7 8.9 13.3



#90
Benzo(a)pyrene
Concen: 37.875 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF117641.D
Acq: 31 Oct 2019 3:07

Tgt Ion:252 Resp: 129771
Ion Ratio Lower Upper
252 100
253 21.3 16.3 24.5
125 12.2 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 31.848 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.02 min

Lab File: BF117641.D

Acq: 31 Oct 2019 3:07

Instrument :

BNA_F

ClientSampleId :

PB124409BSD

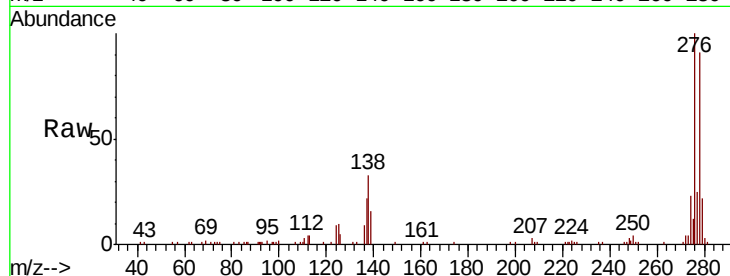
Tot Ion:278 Resp: 94352

Ion Ratio Lower Upper

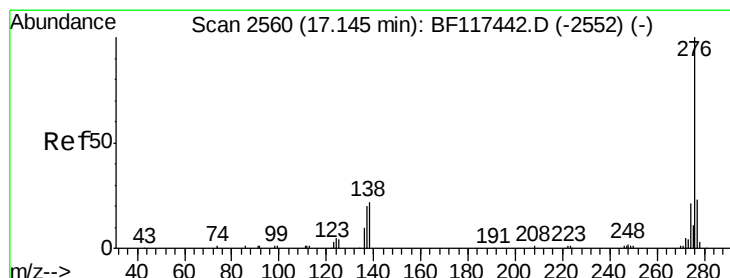
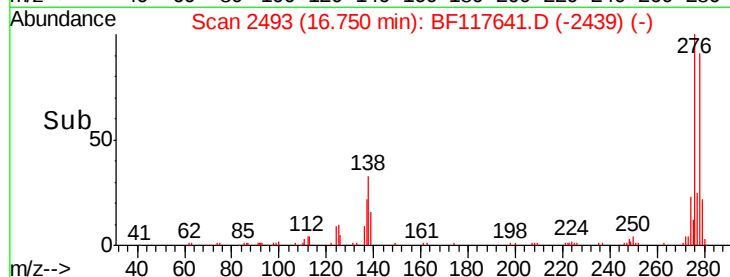
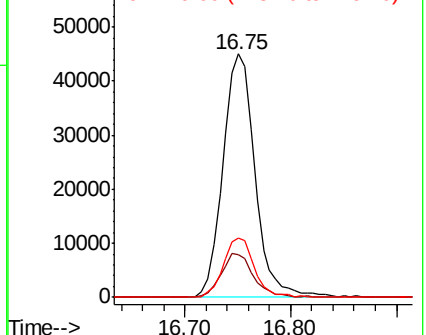
278 100

139 17.5 13.4 20.0

279 24.5 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: 30.992 ng

RT: 17.19 min Scan# 2567

Delta R.T. 0.04 min

Lab File: BF117641.D

Acq: 31 Oct 2019 3:07

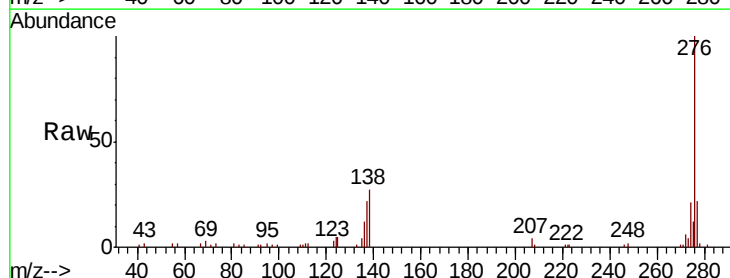
Tgt Ion:276 Resp: 86876

Ion Ratio Lower Upper

276 100

277 22.0 18.4 27.6

138 27.5 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

