

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
 Data File : BF113367.D
 Acq On : 28 Mar 2019 10:10
 Operator : JU/SJ
 Sample : PB118325BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB118325BS

Quant Time: Mar 29 05:14:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	200233	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	735082	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	340170	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	599965	20.00	ng	0.00
76) Chrysene-d12	13.84	240	432835	20.00	ng	0.00
87) Perylene-d12	15.24	264	352581	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	1370733	111.94	ng	0.01
7) Phenol-d6	6.36	99	1767312	114.08	ng	0.00
23) Nitrobenzene-d5	7.27	82	1124871	90.83	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	302674	72.03	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1952550	91.27	ng	0.00
79) Terphenyl-d14	12.79	244	1739021	88.56	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.41	88	189273	30.463	ng	96
3) Pyridine	3.13	79	476514	31.111	ng	96
4) n-Nitrosodimethylamine	3.06	42	244877	35.963	ng	83
6) Aniline	6.37	93	348642	18.481	ng	# 48
8) 2-Chlorophenol	6.50	128	505284	35.532	ng	94
9) Benzaldehyde	6.25	77	262792	25.279	ng	98
10) Phenol	6.37	94	610845	34.539	ng	87
11) bis(2-Chloroethyl)ether	6.45	93	503384	37.131	ng	100
12) 1,3-Dichlorobenzene	6.65	146	560797	36.585	ng	98
13) 1,4-Dichlorobenzene	6.72	146	576444	38.948	ng	99
14) 1,2-Dichlorobenzene	6.87	146	528901	36.324	ng	98
15) Benzyl Alcohol	6.85	79	387621	37.928	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.99	45	770796	37.847	ng	94
17) 2-Methylphenol	6.97	107	424614	38.101	ng	99
18) Hexachloroethane	7.22	117	184469	34.701	ng	95
19) n-Nitroso-di-n-propylamine	7.13	70	350151	35.984	ng	98
20) 3+4-Methylphenols	7.13	107	525860	40.298	ng	96
22) Acetophenone	7.12	105	715847	42.702	ng	98
24) Nitrobenzene	7.29	77	550928	42.630	ng	95
25) Isophorone	7.53	82	970372	40.430	ng	97
26) 2-Nitrophenol	7.60	139	184071	26.946	ng	93
27) 2,4-Dimethylphenol	7.65	122	447473	45.537	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	643804	42.596	ng	99
29) 2,4-Dichlorophenol	7.85	162	410266	38.527	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	483808	42.111	ng	98
31) Naphthalene	8.01	128	1501271	41.793	ng	100
33) 4-Chloroaniline	8.06	127	248415	17.734	ng	99
34) Hexachlorobutadiene	8.13	225	277042	40.572	ng	99
35) Caprolactam	8.42	113	126772	37.094	ng	99
36) 4-Chloro-3-methylphenol	8.56	107	421041	39.311	ng	98
37) 2-Methylnaphthalene	8.70	142	996626	44.465	ng	99
38) 1-Methylnaphthalene	8.80	142	930477	43.159	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	465932	42.670	ng	99
41) Hexachlorocyclopentadiene	8.85	237	112337	24.305	ng	99

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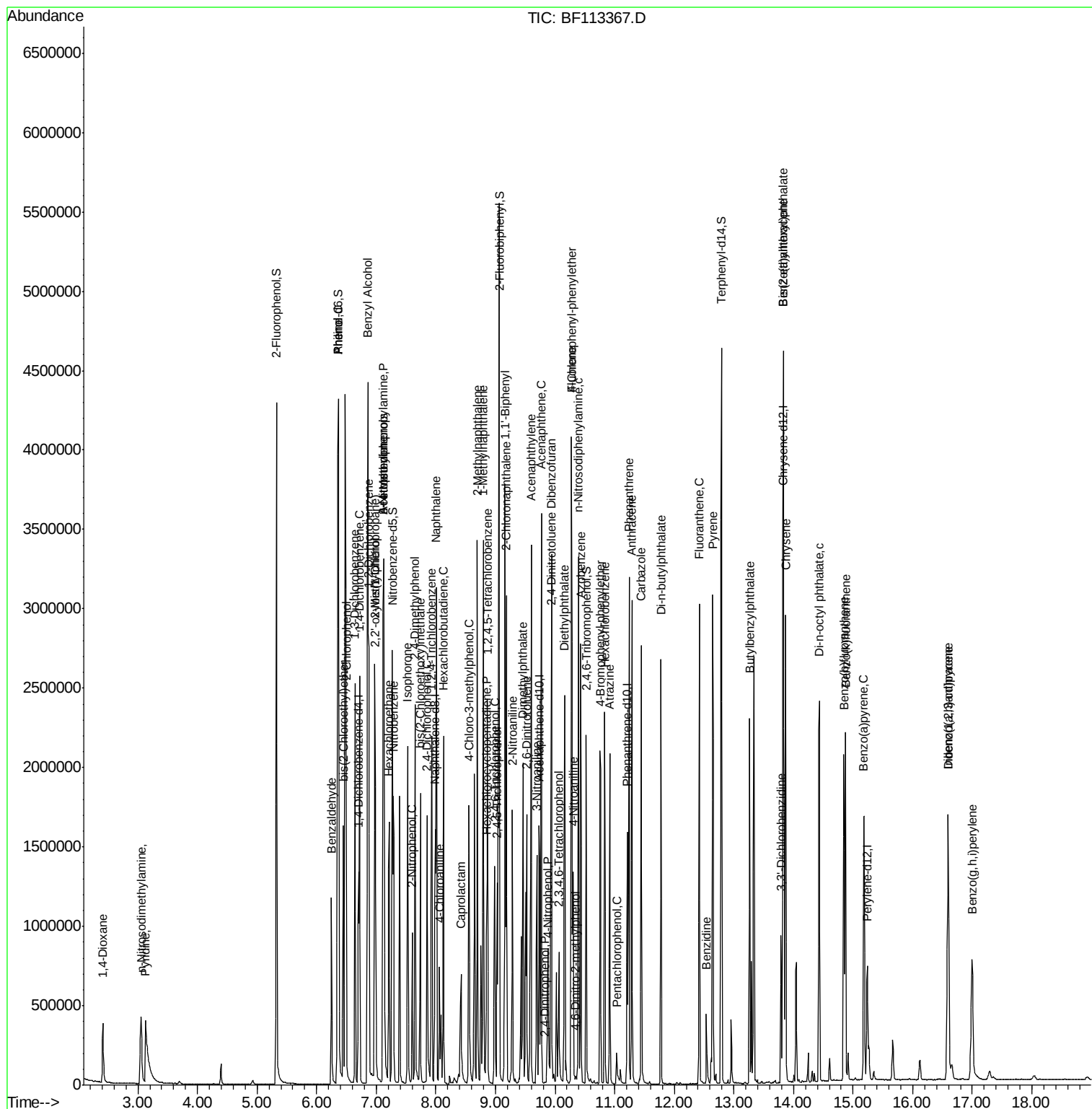
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	8.99	196	222629	31.309	ng	98
44) 2,4,5-Trichlorophenol	9.03	196	236678	30.076	ng	98
46) 1,1'-Biphenyl	9.16	154	1182114	41.608	ng	99
47) 2-Chloronaphthalene	9.19	162	910334	41.616	ng	98
48) 2-Nitroaniline	9.29	65	302670	44.091	ng	95
49) Acenaphthylene	9.60	152	1437693	40.648	ng	99
50) Dimethylphthalate	9.46	163	1064249	42.216	ng	99
51) 2,6-Dinitrotoluene	9.53	165	224505	39.476	ng	92
52) Acenaphthene	9.77	154	830708	41.705	ng	100
53) 3-Nitroaniline	9.69	138	232312	36.222	ng	91
54) 2,4-Dinitrophenol	9.83	184	3045	1.077	ng	# 77
55) Dibenzofuran	9.94	168	1249537	41.729	ng	100
56) 4-Nitrophenol	9.87	139	117312	25.657	ng	91
57) 2,4-Dinitrotoluene	9.93	165	267776	37.025	ng	98
58) Fluorene	10.28	166	911906	39.201	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	120727	18.142	ng	99
60) Diethylphthalate	10.16	149	1023422	41.383	ng	100
61) 4-Chlorophenyl-phenylether	10.27	204	465610	41.068	ng	95
62) 4-Nitroaniline	10.30	138	251675	38.114	ng	97
63) Azobenzene	10.43	77	944215	40.560	ng	98
65) 4,6-Dinitro-2-methylphenol	10.35	198	7707	2.348	ng	95
66) n-Nitrosodiphenylamine	10.39	169	853518	46.361	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	301811	46.155	ng	94
68) Hexachlorobenzene	10.83	284	346130	45.602	ng	97
69) Atrazine	10.92	200	245370	42.226	ng	97
70) Pentachlorophenol	11.03	266	46180	11.678	ng	98
71) Phenanthrene	11.24	178	1269110	42.596	ng	99
72) Anthracene	11.29	178	1300095	42.959	ng	100
73) Carbazole	11.44	167	1194460	41.363	ng	100
74) Di-n-butylphthalate	11.77	149	1495581	44.661	ng	100
75) Fluoranthene	12.42	202	1300874	38.622	ng	100
77) Benzidine	12.54	184	227101	13.701	ng	96
78) Pyrene	12.64	202	1299201	43.315	ng	100
80) Butylbenzylphthalate	13.26	149	552875	41.825	ng	98
81) Benzo(a)anthracene	13.83	228	1081784	43.662	ng	99
82) 3,3'-Dichlorobenzidine	13.79	252	221888	22.324	ng	99
83) Chrysene	13.87	228	1069025	42.479	ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	681069	42.029	ng	# 99
85) Di-n-octyl phthalate	14.43	149	1259101	45.775	ng	99
86) Indeno(1,2,3-cd)pyrene	16.59	276	865477	40.072	ng	98
88) Benzo(b)fluoranthene	14.84	252	966394	44.123	ng	99
89) Benzo(k)fluoranthene	14.87	252	968646	50.361	ng	100
90) Benzo(a)pyrene	15.19	252	889840	45.827	ng	99
91) Dibenzo(a,h)anthracene	16.60	278	739864	44.068	ng	99
92) Benzo(g,h,i)perylene	17.00	276	729872	43.115	ng	98

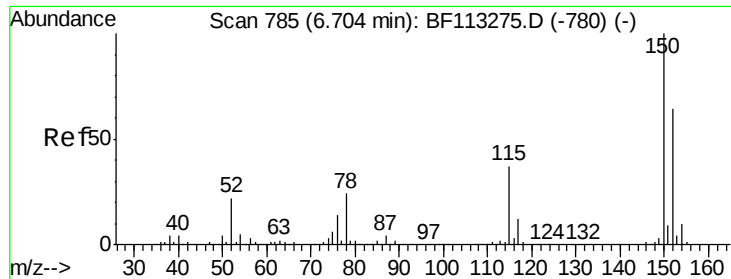
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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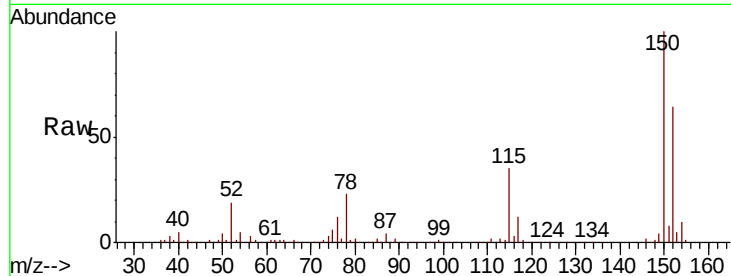


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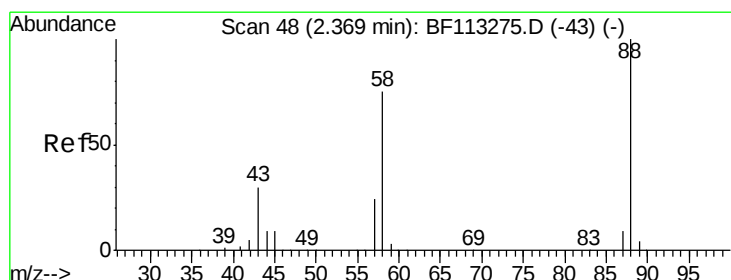
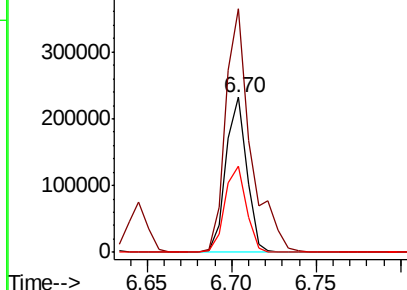
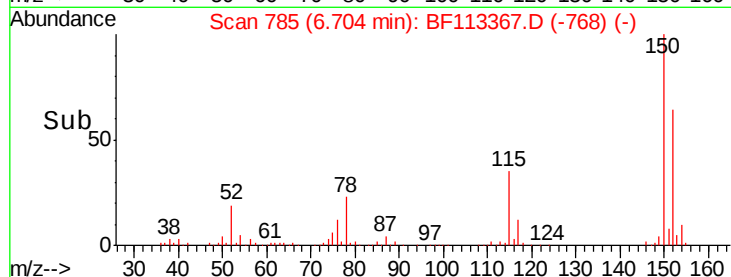
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113367.D
Acq: 28 Mar 2019 10:10

Instrument :
BNA_F
ClientSampleId :
PB118325BS

Tot Ion:152 Resp: 200233
Ion Ratio Lower Upper
152 100
150 157.0 124.7 187.1
115 55.5 46.0 69.0



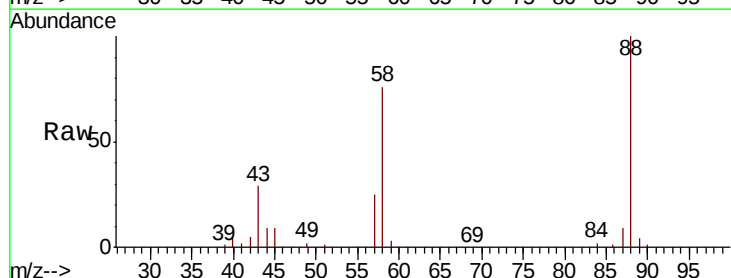
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



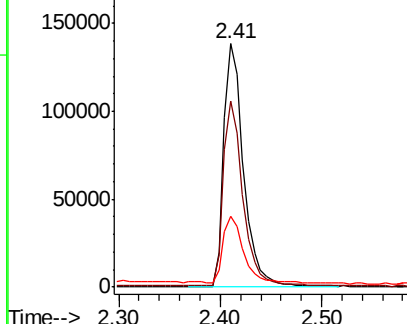
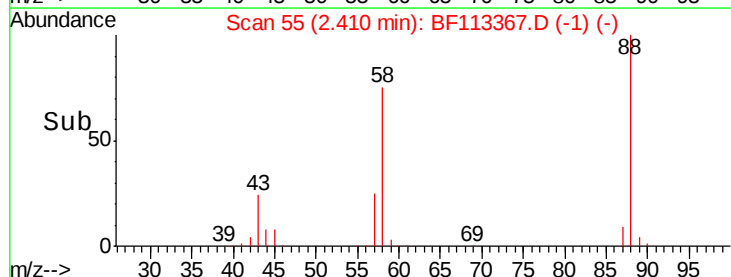
#2

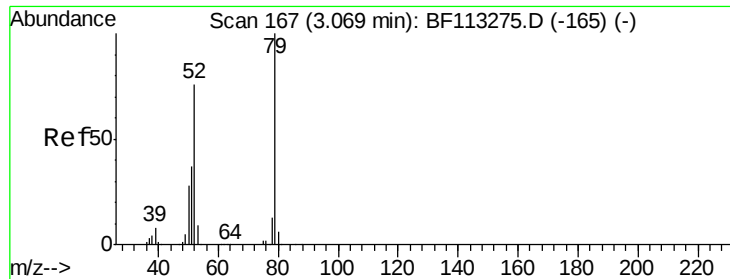
1,4-Dioxane
Concen: 30.463 ng
RT: 2.41 min Scan# 55
Delta R.T. 0.04 min
Lab File: BF113367.D
Acq: 28 Mar 2019 10:10

Tgt Ion: 88 Resp: 189273
Ion Ratio Lower Upper
88 100
58 74.7 61.9 92.9
43 27.8 24.2 36.4



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

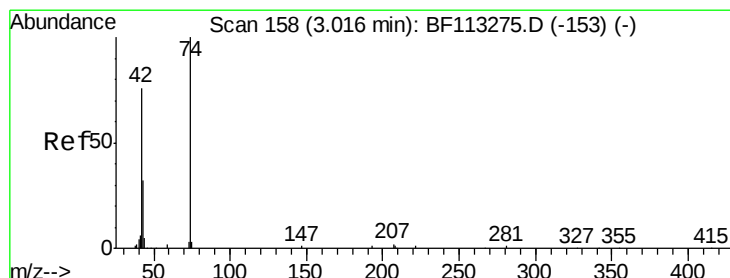
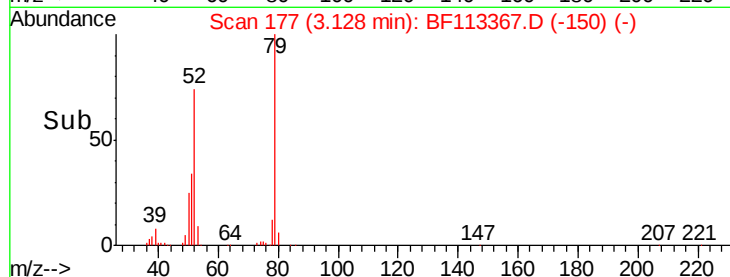
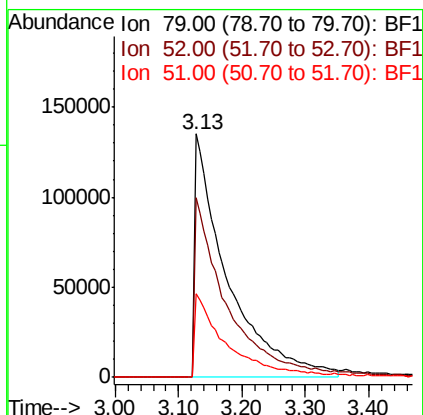
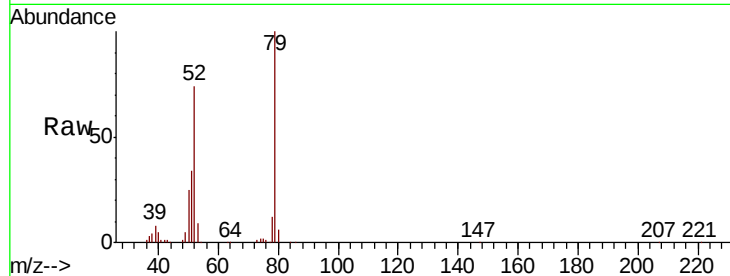




#3
 Pvridine
 Concen: 31.111 ng
 RT: 3.13 min Scan# 177
 Delta R.T. 0.06 min
 Lab File: BF113367.D
 Acq: 28 Mar 2019 10:10

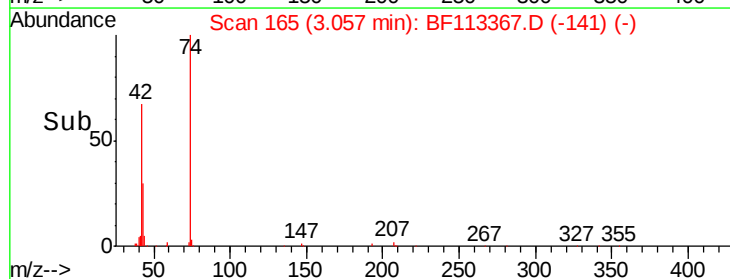
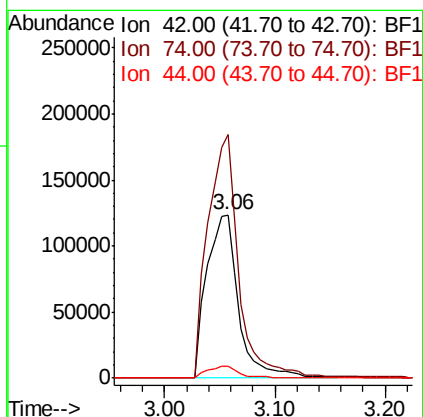
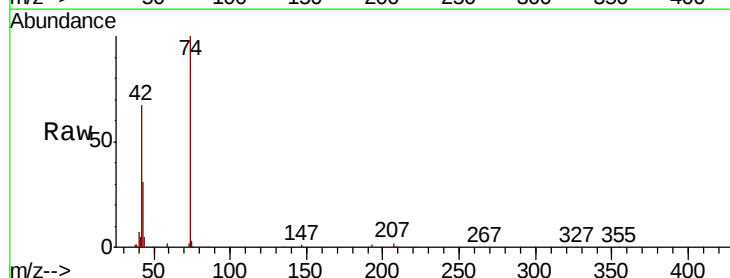
Instrument :
 BNA_F
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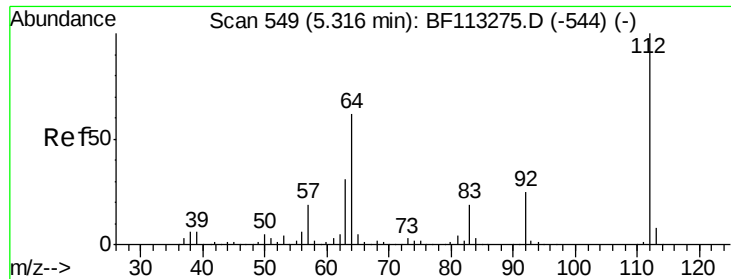
Tot Ion: 79 Resp: 476514
 Ion Ratio Lower Upper
 79 100
 52 73.5 61.0 91.4
 51 34.3 30.6 45.8



#4
 n-Nitrosodimethylamine
 Concen: 35.963 ng
 RT: 3.06 min Scan# 165
 Delta R.T. 0.04 min
 Lab File: BF113367.D
 Acq: 28 Mar 2019 10:10

Tgt Ion: 42 Resp: 244877
 Ion Ratio Lower Upper
 42 100
 74 149.2 102.4 153.6
 44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 111.935 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

Instrument :

BNA_F

ClientSampleId :

PB118325BS

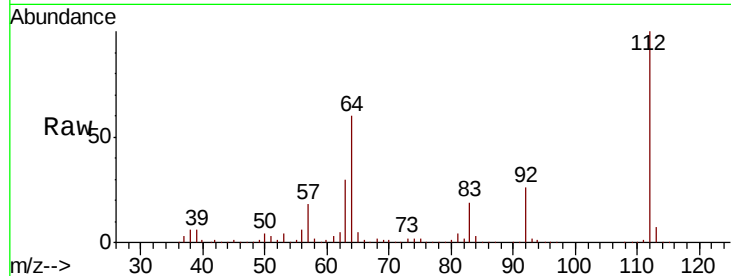
Tot Ion:112 Resp: 1370733

Ion Ratio Lower Upper

112 100

64 59.5 49.2 73.8

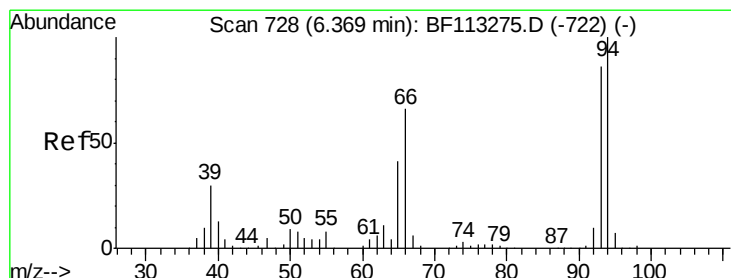
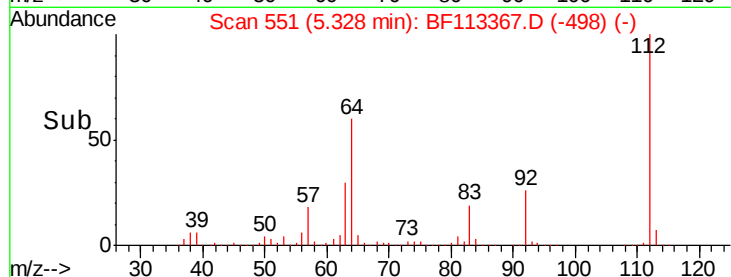
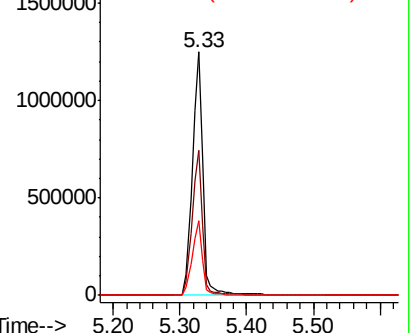
63 30.5 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.481 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF113367.D

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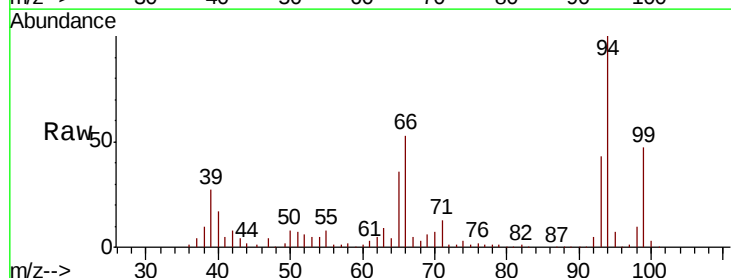
Tgt Ion: 93 Resp: 348642

Ion Ratio Lower Upper

93 100

66 123.5 62.1 93.1#

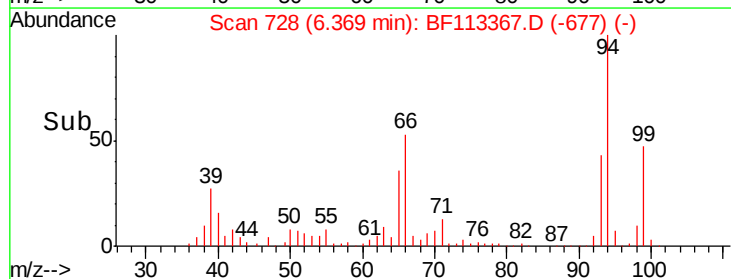
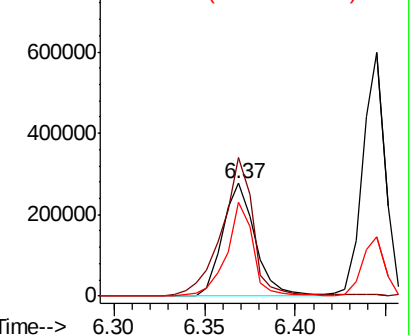
65 83.4 38.7 58.1#



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: 114.082 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

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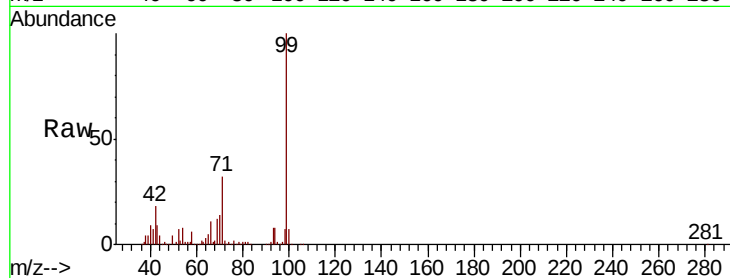
Tot Ion: 99 Resp: 1767312

Ion Ratio Lower Upper

99 100

42 18.1 14.8 22.2

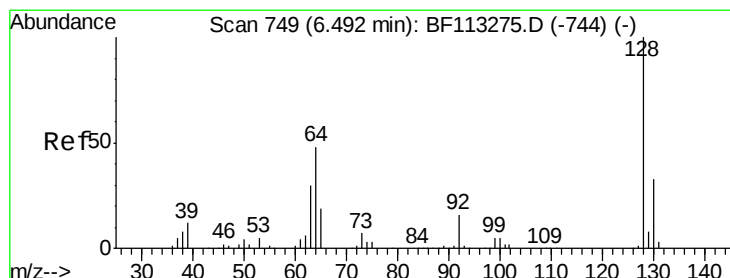
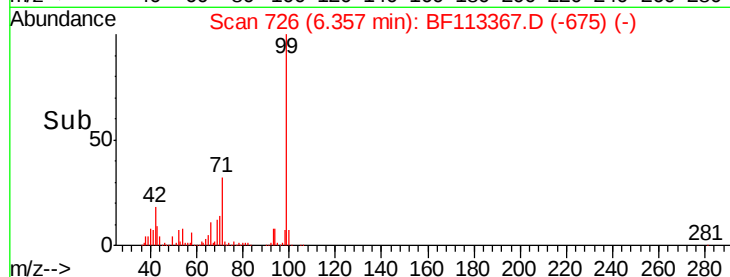
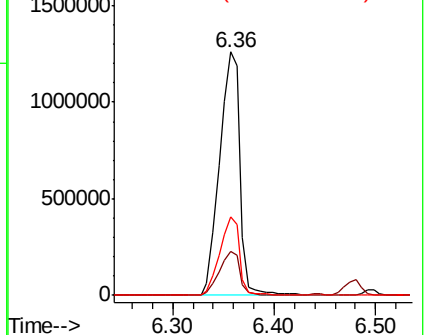
71 32.0 24.9 37.3



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: 35.532 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

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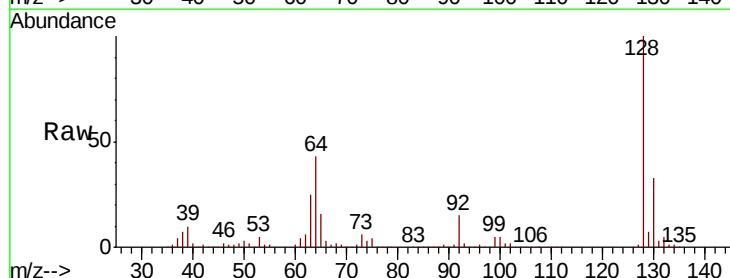
Tgt Ion:128 Resp: 505284

Ion Ratio Lower Upper

128 100

130 33.3 12.6 52.6

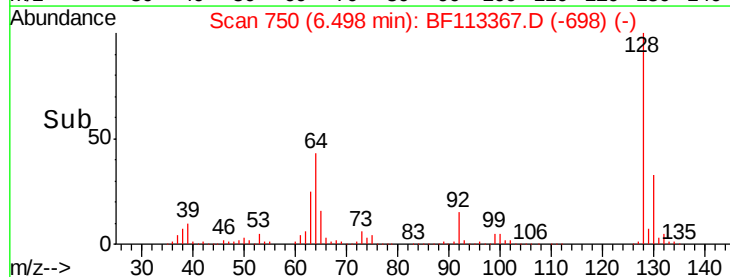
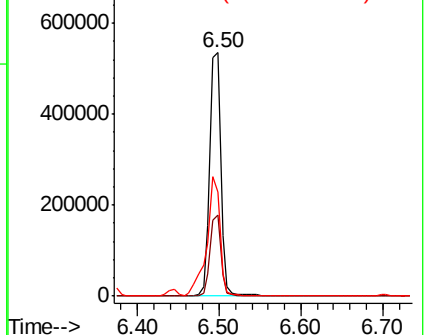
64 42.7 29.4 69.4

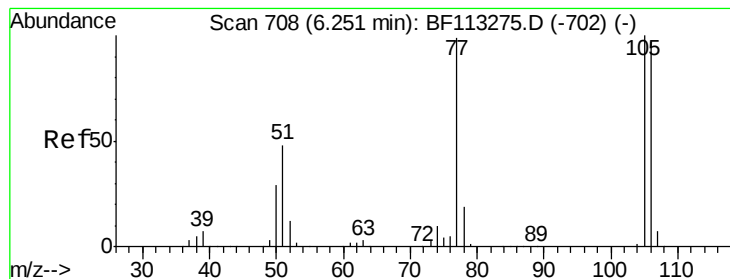


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.279 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

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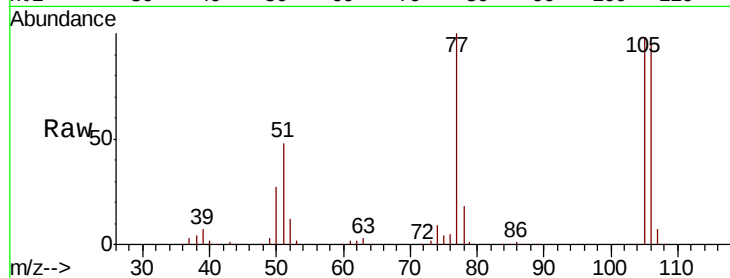
Tot Ion: 77 Resp: 262792

Ion Ratio Lower Upper

77 100

105 98.4 80.9 120.9

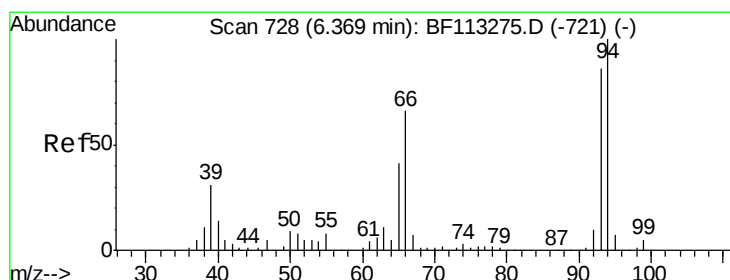
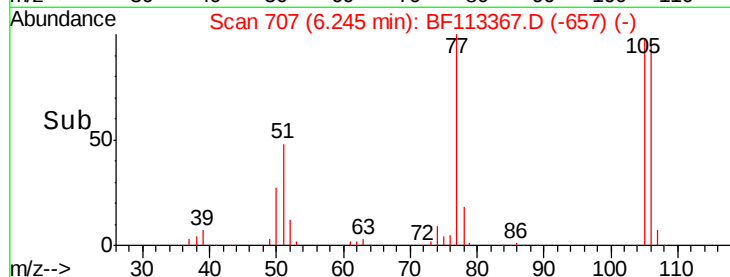
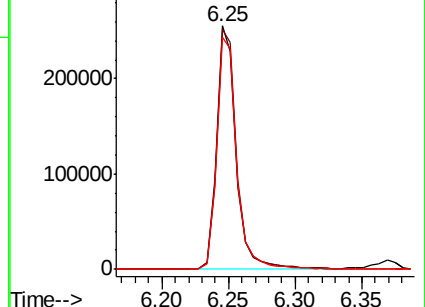
106 95.5 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.539 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

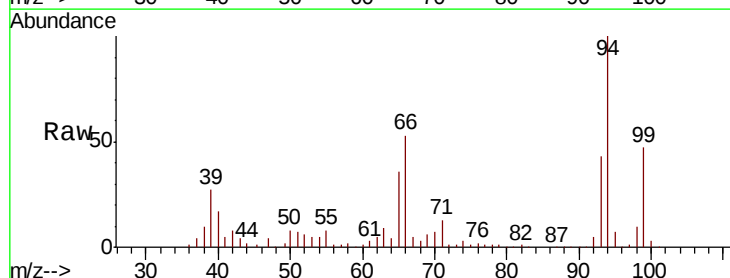
Tgt Ion: 94 Resp: 610845

Ion Ratio Lower Upper

94 100

65 36.0 21.4 61.4

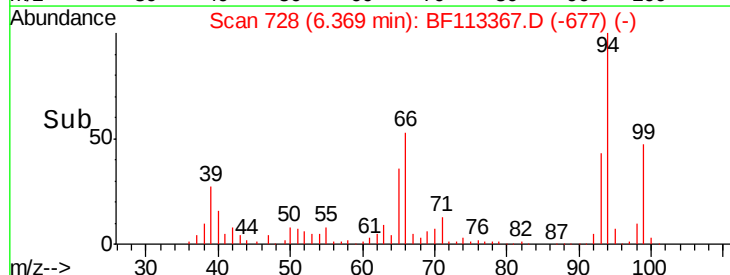
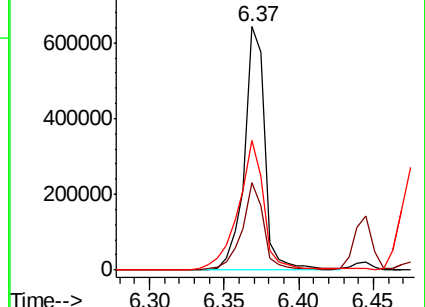
66 53.3 46.4 86.4

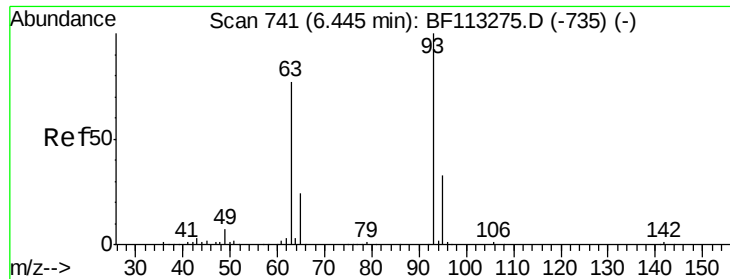


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

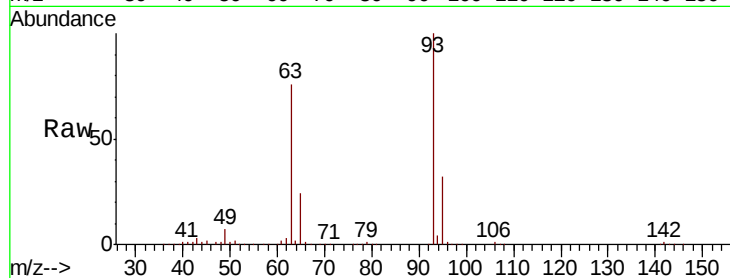




#11
 bis(2-Chloroethyl)ether
 Concen: 37.131 ng
 RT: 6.45 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF113367.D
 Acq: 28 Mar 2019 10:10

Instrument :
 BNA_F
 ClientSampleId :
 PB118325BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.1	56.1	96.1
95	32.4	12.8	52.8

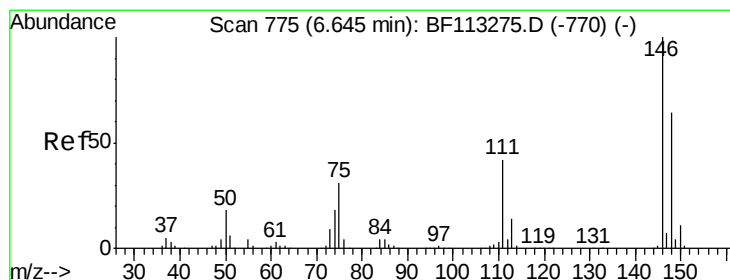
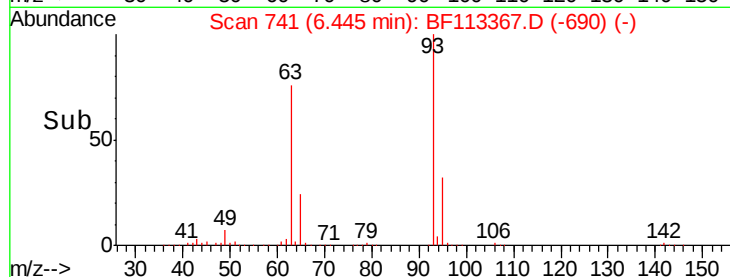
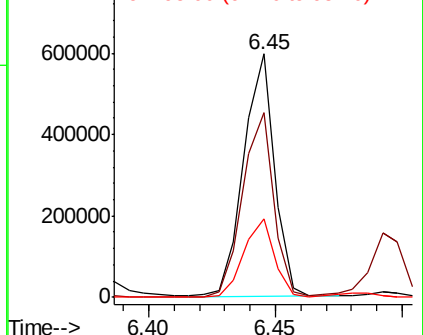


Abundance

Ion 93.00 (92.70 to 93.70): BF1

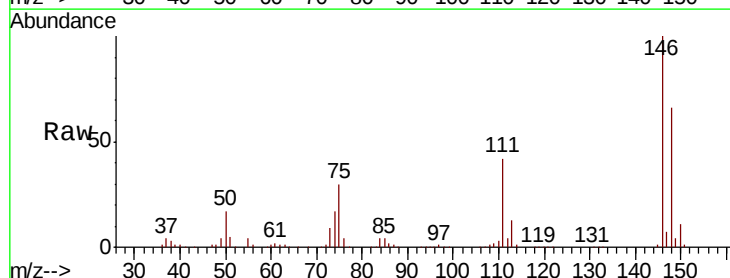
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
 1,3-Dichlorobenzene
 Concen: 36.585 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF113367.D
 Acq: 28 Mar 2019 10:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.4	77.0
75	29.6	24.8	37.2

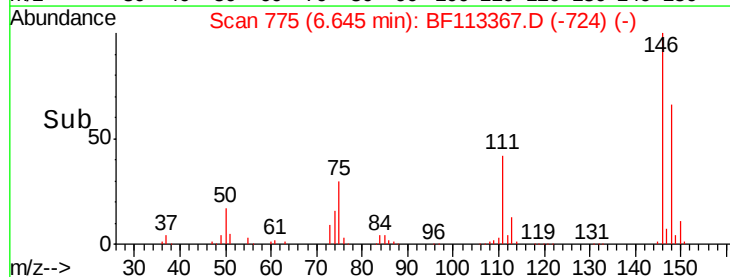
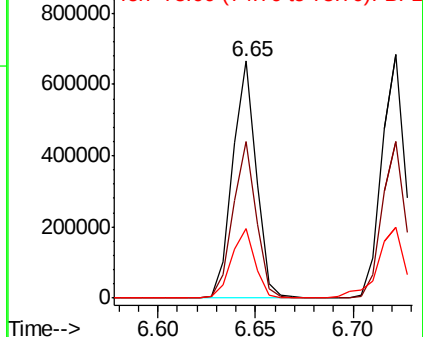


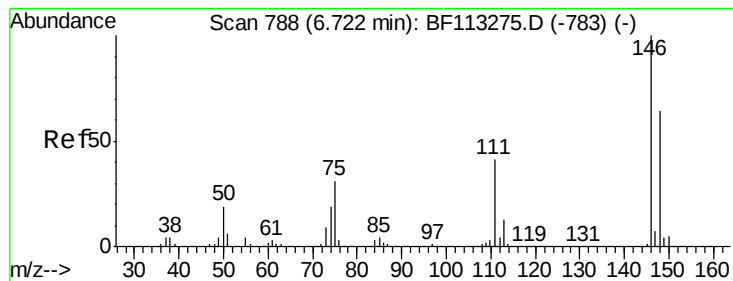
Abundance

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: 38.948 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

Instrument :

BNA_F

ClientSampleId :

PB118325BS

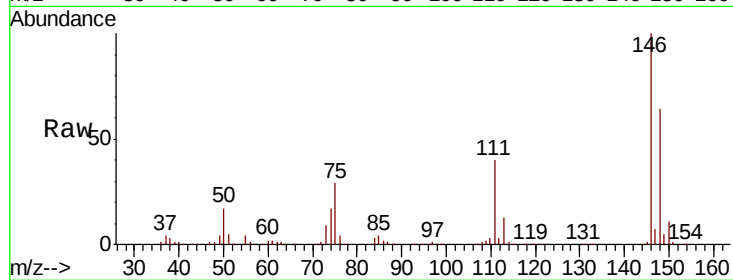
Tot Ion:146 Resp: 576444

Ion Ratio Lower Upper

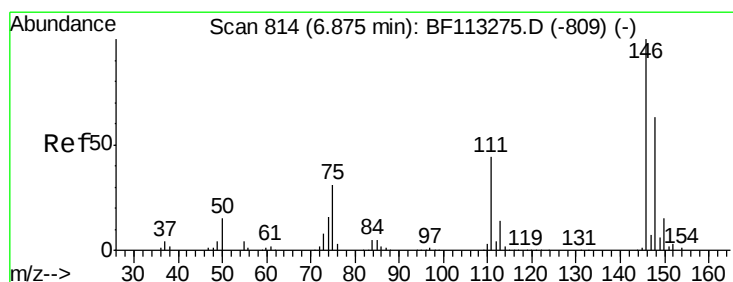
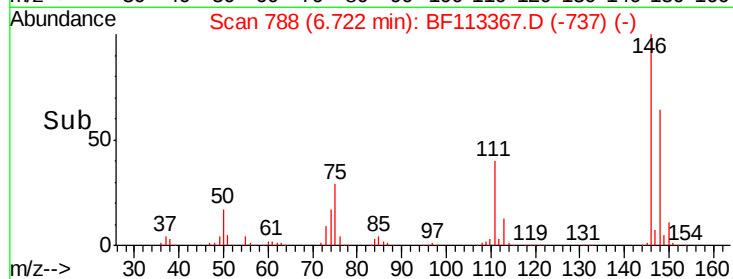
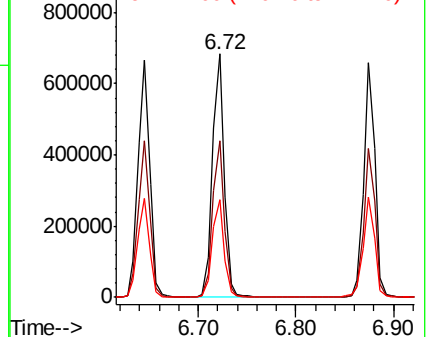
146 100

148 64.4 51.1 76.7

111 40.1 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.324 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

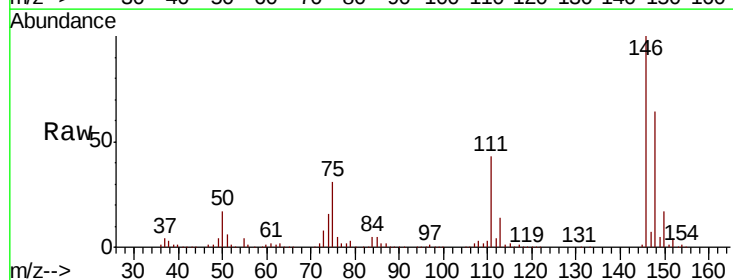
Tgt Ion:146 Resp: 528901

Ion Ratio Lower Upper

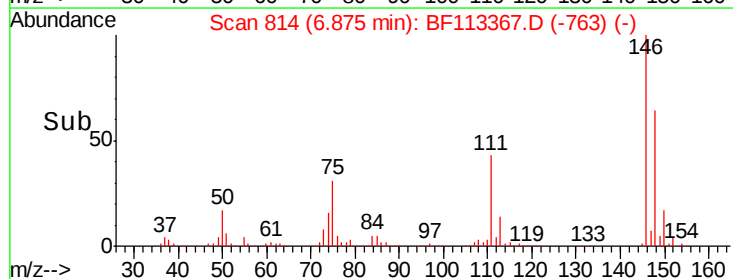
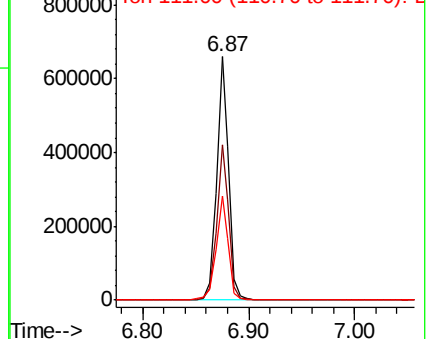
146 100

148 63.6 50.2 75.4

111 42.8 35.4 53.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.928 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

Instrument :

BNA_F

ClientSampleID :

PB118325BS

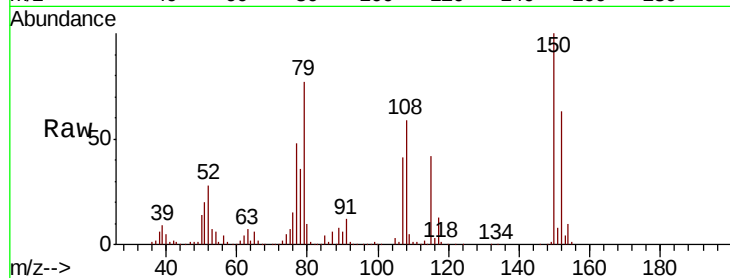
Tot Ion: 79 Resp: 387621

Ion Ratio Lower Upper

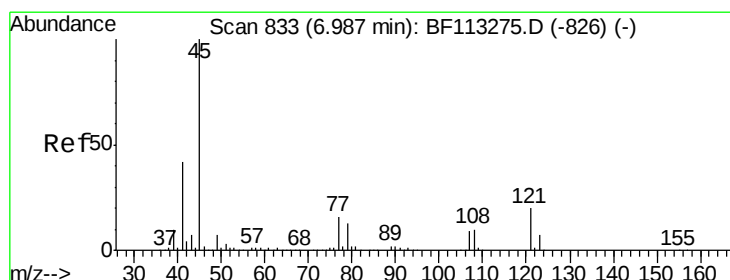
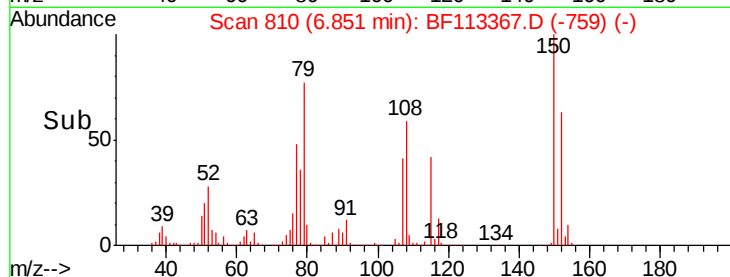
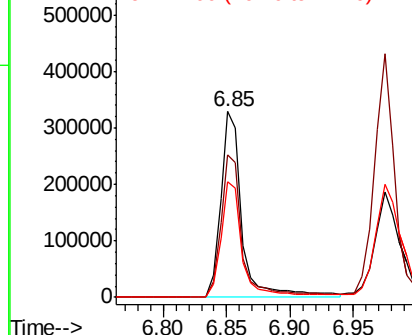
79 100

108 76.9 62.0 93.0

77 62.4 49.9 74.9



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.847 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

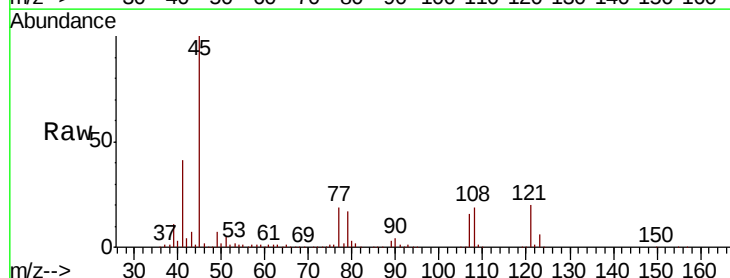
Tgt Ion: 45 Resp: 770796

Ion Ratio Lower Upper

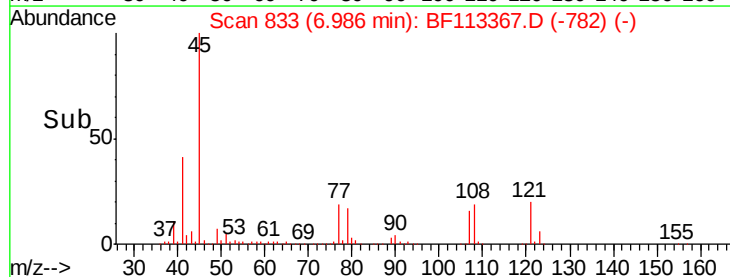
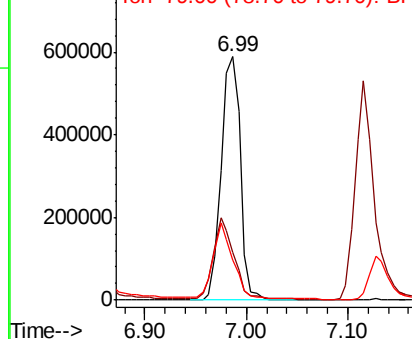
45 100

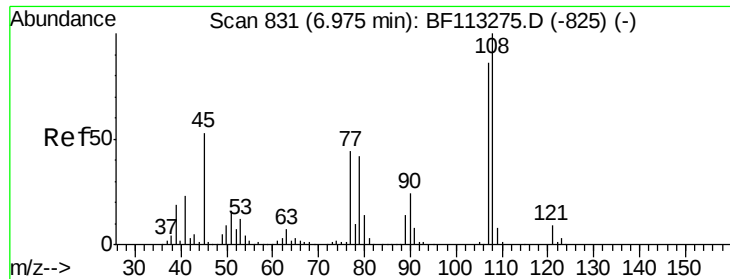
77 19.4 0.0 36.6

79 16.5 0.0 34.0



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

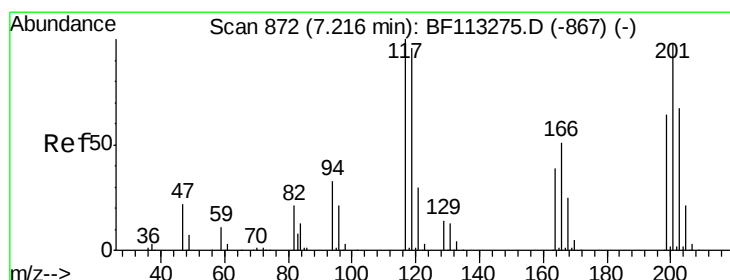
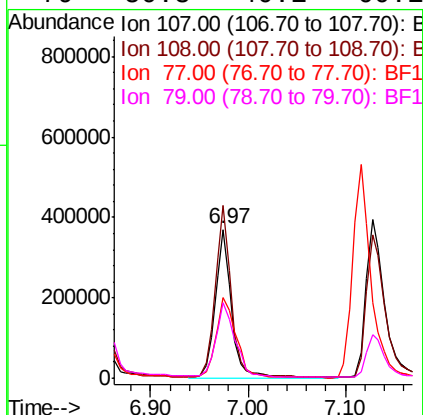
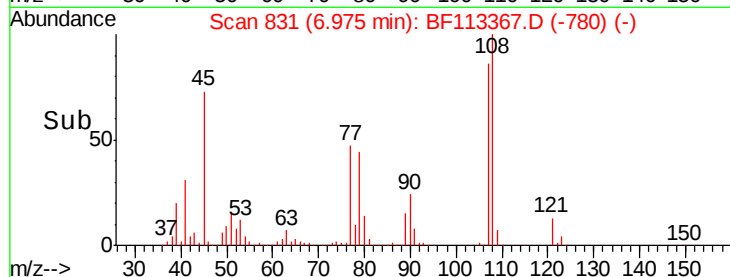
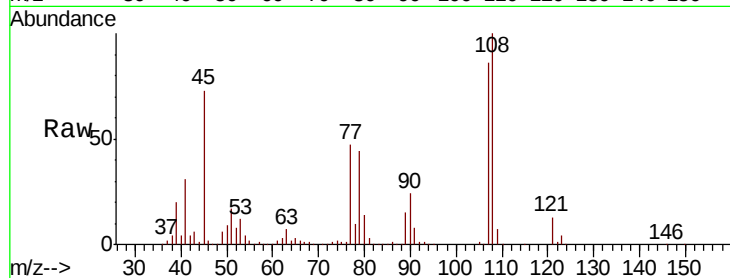




#17
2-Methylphenol
Concen: 38.101 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF113367.D
Acq: 28 Mar 2019 10:10

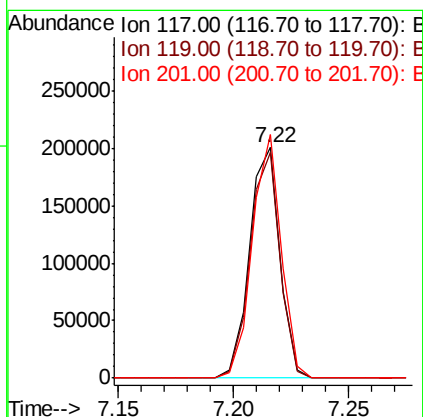
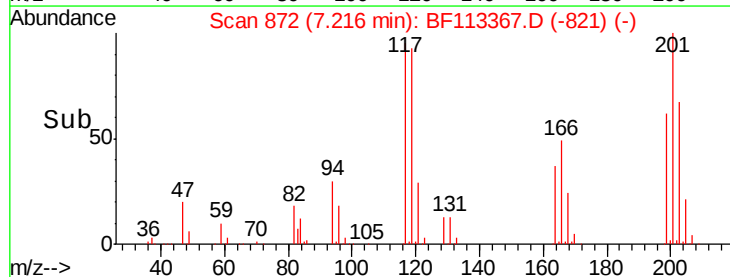
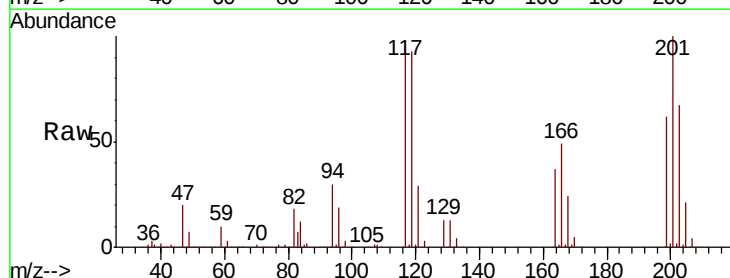
Instrument :
BNA_F
ClientSampleId :
PB118325BS

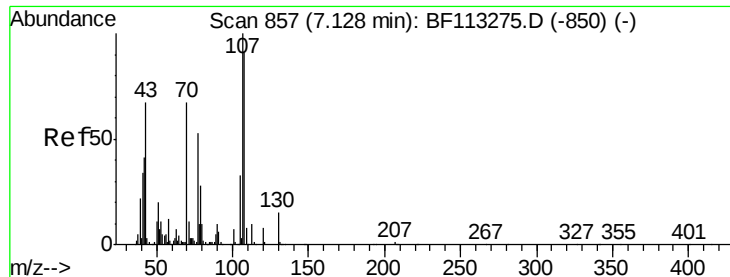
Tot Ion:107 Resp: 424614
Ion Ratio Lower Upper
107 100
108 116.7 93.4 140.0
77 54.3 41.2 61.8
79 50.8 40.1 60.1



#18
Hexachloroethane
Concen: 34.701 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF113367.D
Acq: 28 Mar 2019 10:10

Tgt Ion:117 Resp: 184469
Ion Ratio Lower Upper
117 100
119 98.0 76.9 115.3
201 105.7 78.7 118.1

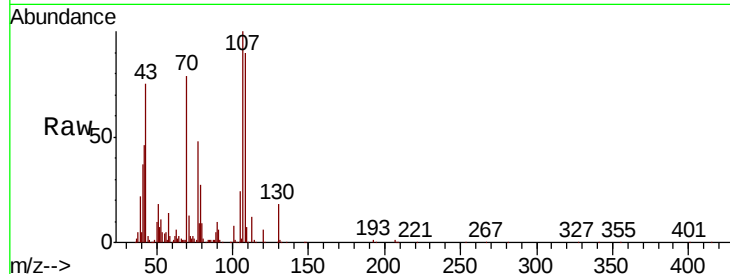




#19
n-Nitroso-di-n-propylamine
Concen: 35.984 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113367.D
Acq: 28 Mar 2019 10:10

Instrument :
BNA_F
ClientSampleId :
PB118325BS

Tot Ion:	70	Resp:	350151
Ion	Ratio	Lower	Upper
70	100		
42	58.4	48.4	72.6
101	10.0	7.8	11.8
130	22.4	18.2	27.4



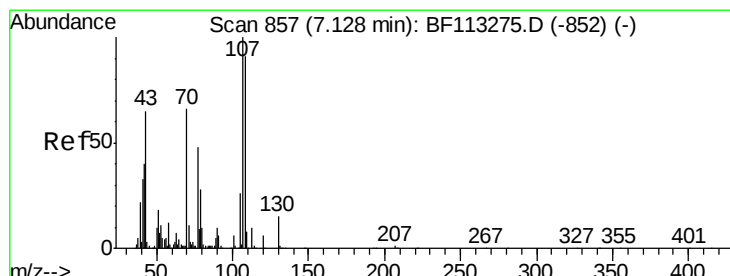
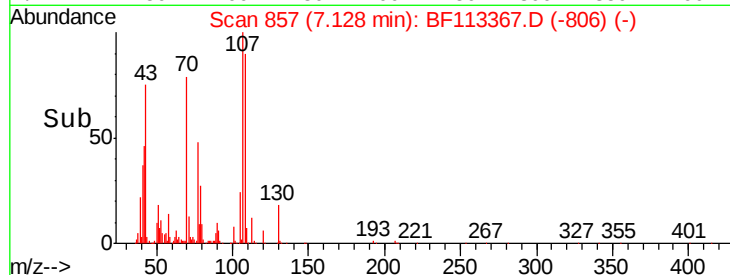
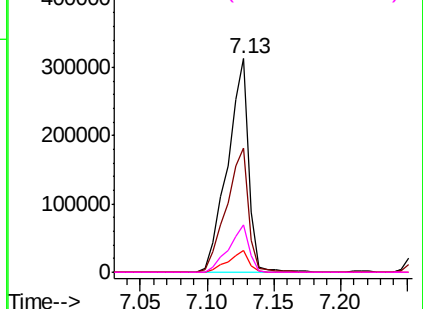
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

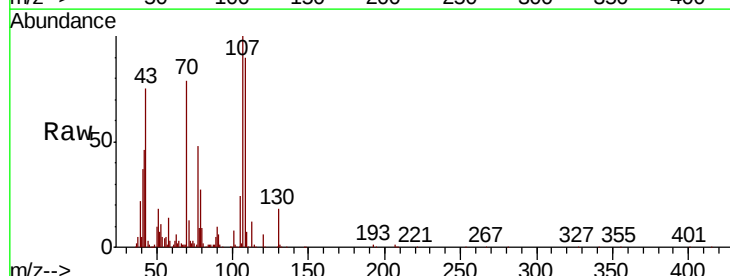
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 40.298 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113367.D
Acq: 28 Mar 2019 10:10

Tgt Ion:	107	Resp:	525860
Ion	Ratio	Lower	Upper
107	100		
108	90.2	71.4	111.4
77	47.6	33.5	73.5
79	27.2	8.3	48.3



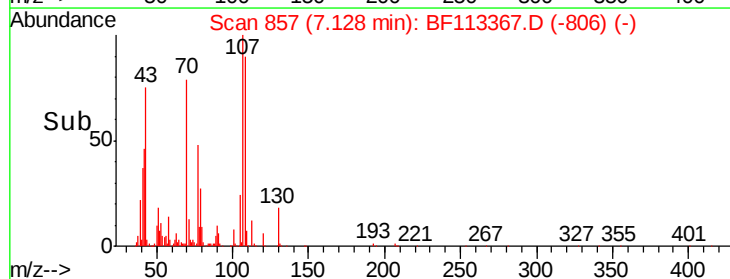
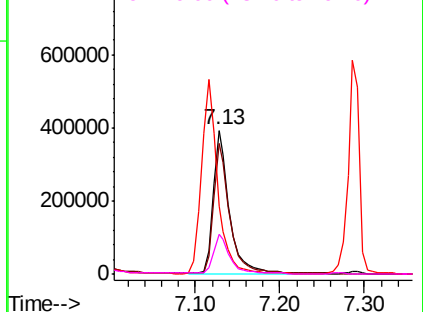
Abundance

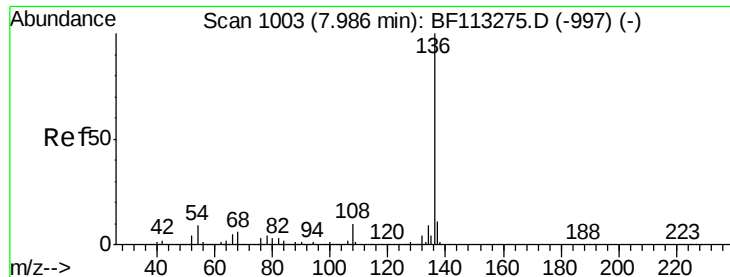
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

Instrument :

BNA_F

ClientSampleId :

PB118325BS

Tot Ion:136 Resp: 735082

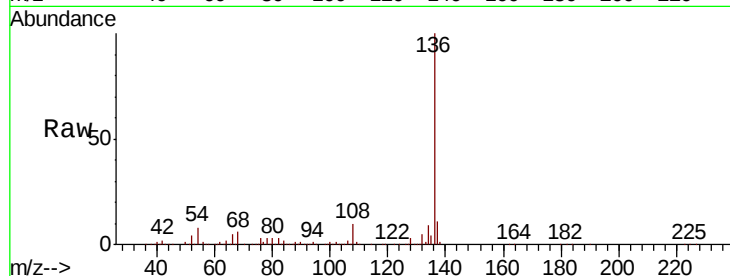
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.9 7.0 10.6

68 6.2 4.8 7.2

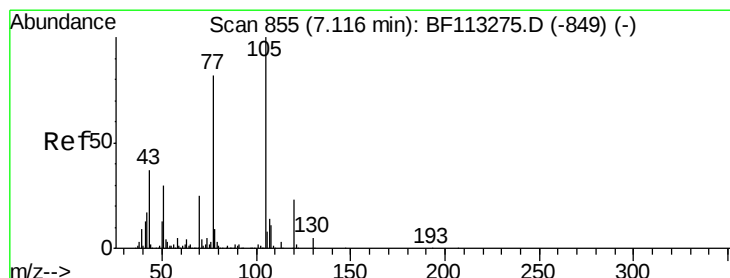
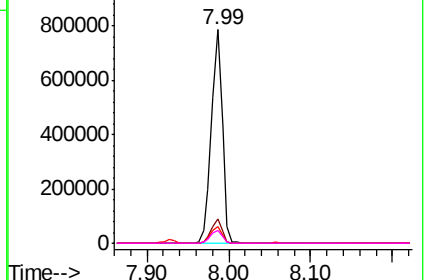
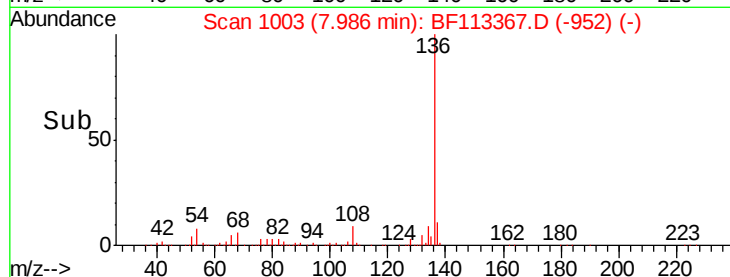


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.702 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

Tgt Ion:105 Resp: 715847

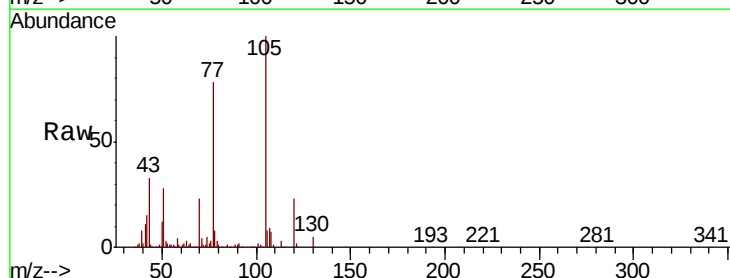
Ion Ratio Lower Upper

105 100

71 3.9 3.3 4.9

51 28.2 24.2 36.2

120 22.7 18.1 27.1

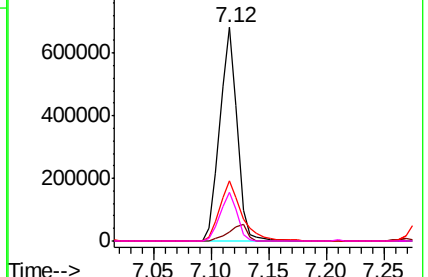
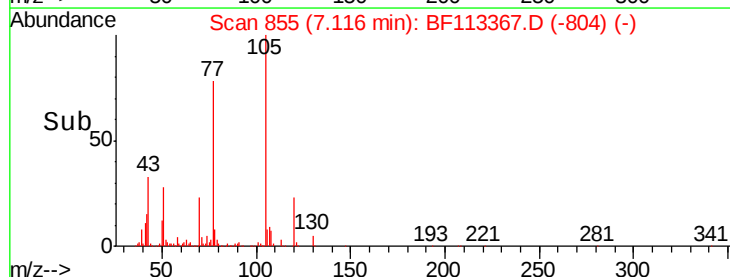


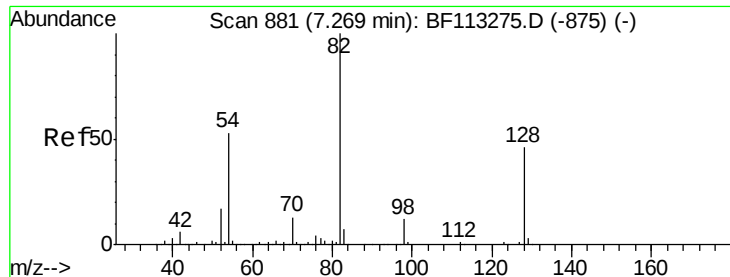
Abundance Ion 105.00 (104.70 to 105.70): E

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

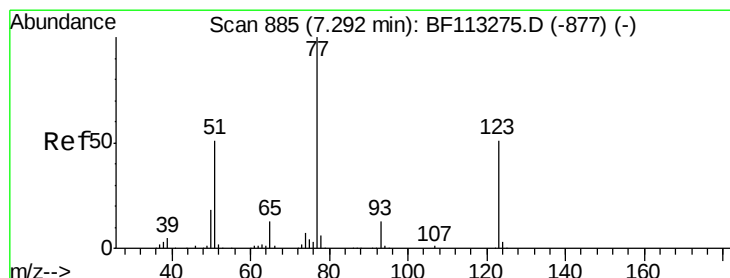
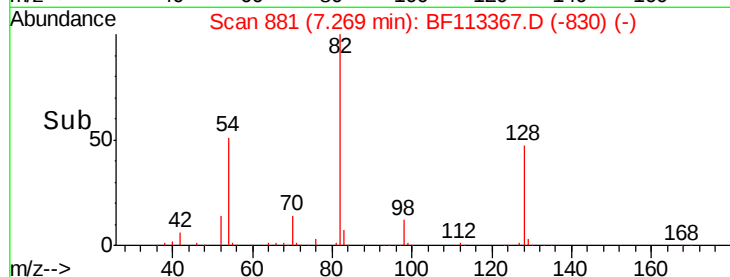
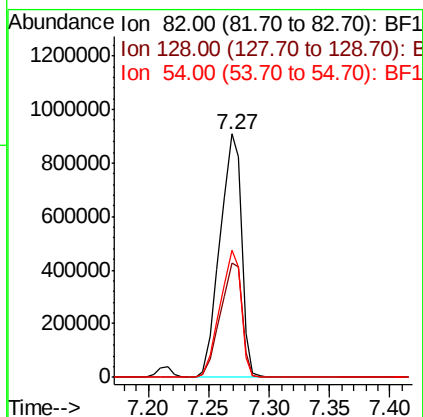
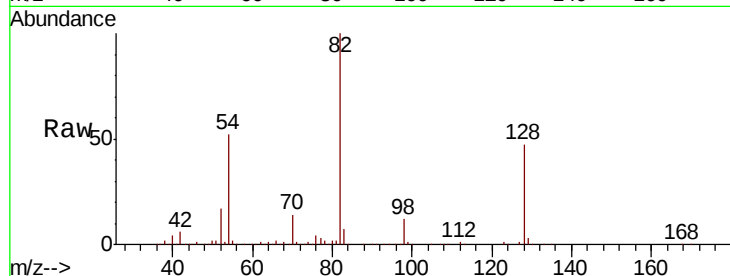




#23
 Nitrobenzene-d5
 Concen: 90.827 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113367.D
 Acq: 28 Mar 2019 10:10

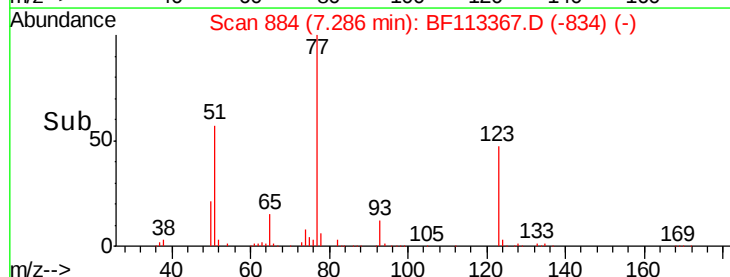
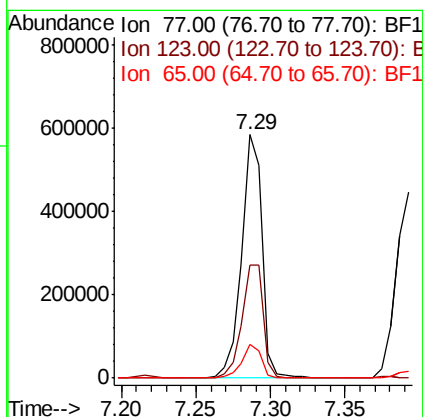
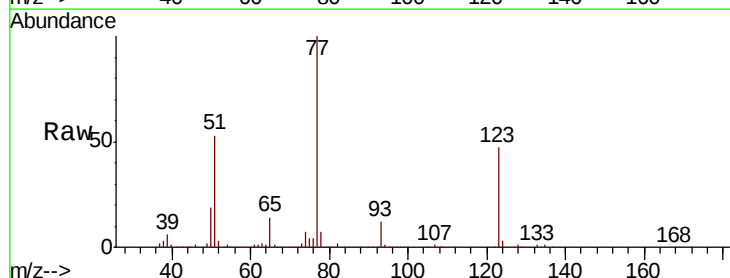
Instrument :
 BNA_F
 ClientSampleId :
 PB118325BS

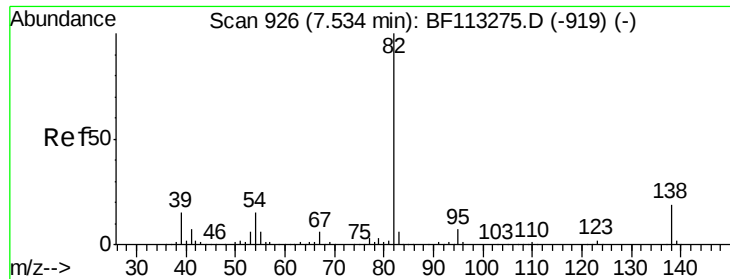
Tot Ion: 82 Resp: 1124871
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.5 54.7
 54 52.0 42.2 63.2



#24
 Nitrobenzene
 Concen: 42.630 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113367.D
 Acq: 28 Mar 2019 10:10

Tgt Ion: 77 Resp: 550928
 Ion Ratio Lower Upper
 77 100
 123 46.6 40.8 61.2
 65 13.8 10.6 16.0





#25

Isophorone

Concen: 40.430 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

Instrument :

BNA_F

ClientSampleId :

PB118325BS

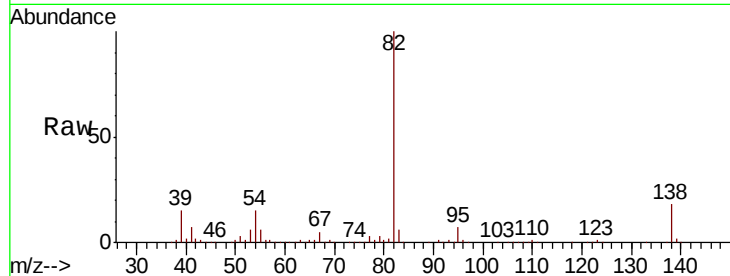
Tot Ion: 82 Resp: 970372

Ion Ratio Lower Upper

82 100

95 6.6 5.5 8.3

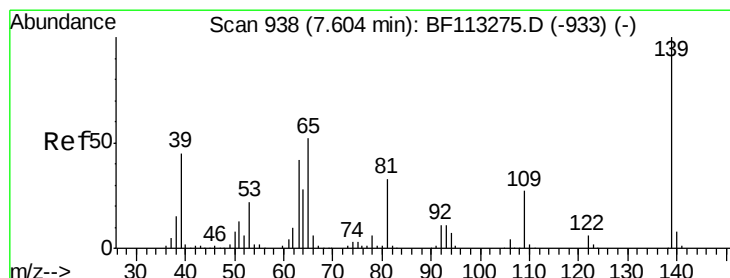
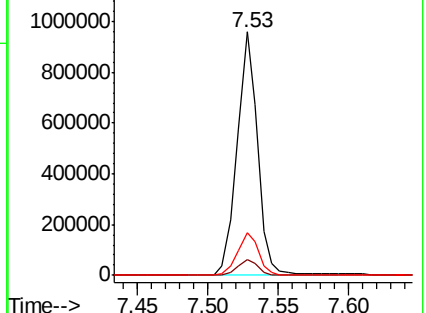
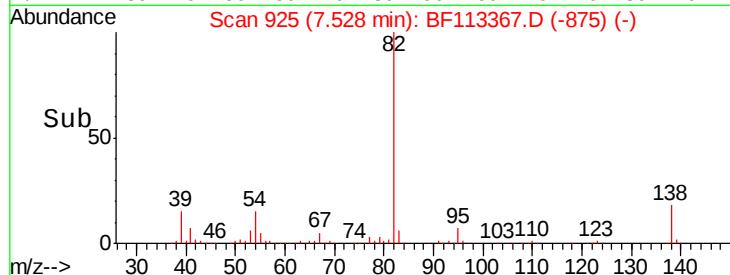
138 17.5 15.2 22.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 26.946 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

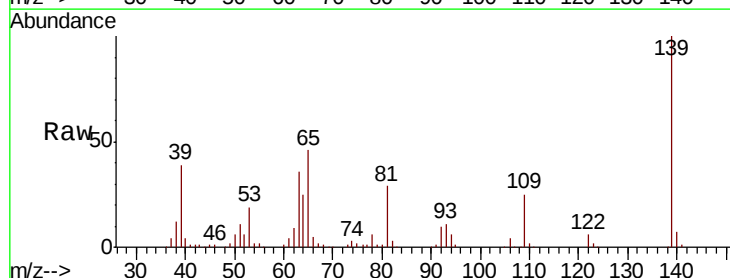
Tgt Ion: 139 Resp: 184071

Ion Ratio Lower Upper

139 100

109 24.9 21.7 32.5

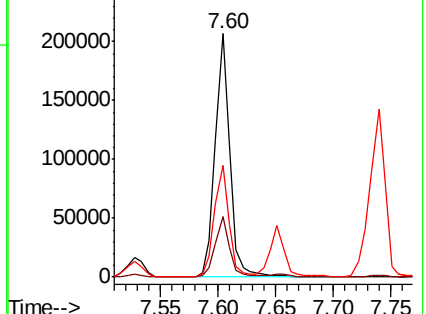
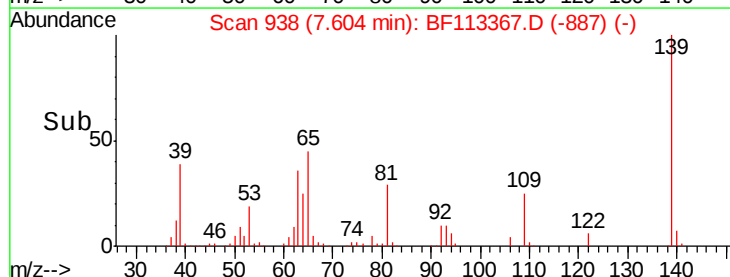
65 45.9 41.6 62.4

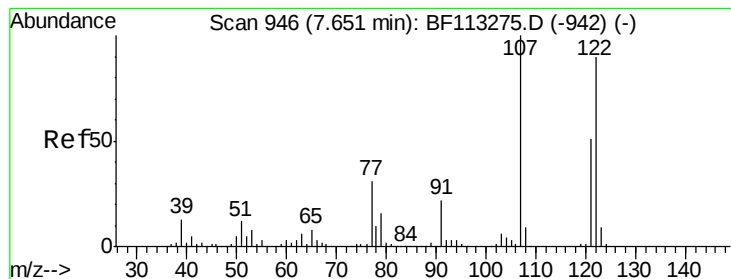


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

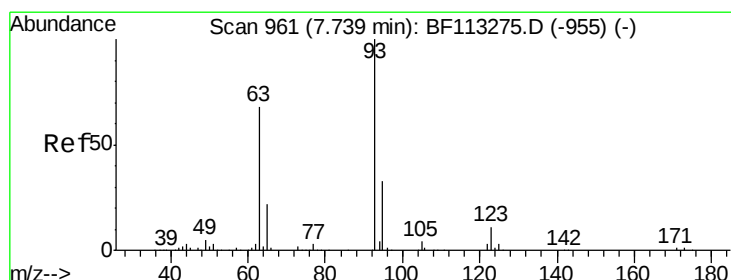
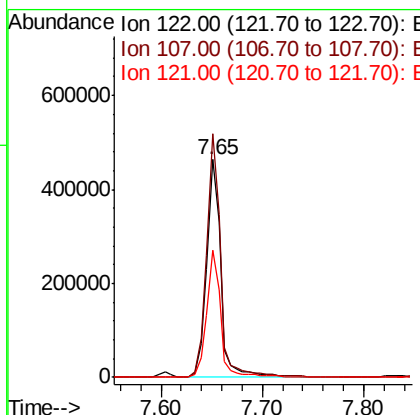
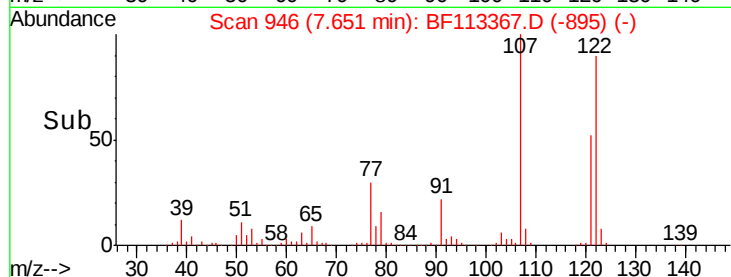
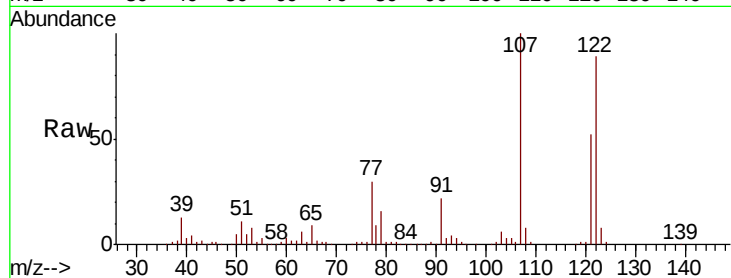




#27
 2,4-Dimethylphenol
 Concen: 45.537 ng
 RT: 7.65 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF113367.D
 Acq: 28 Mar 2019 10:10

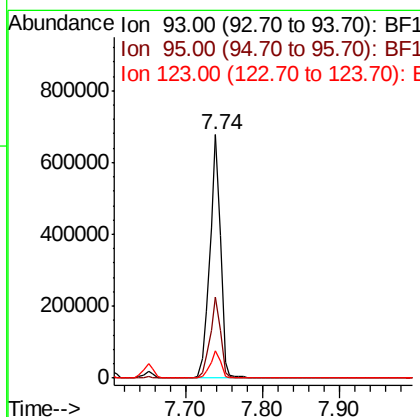
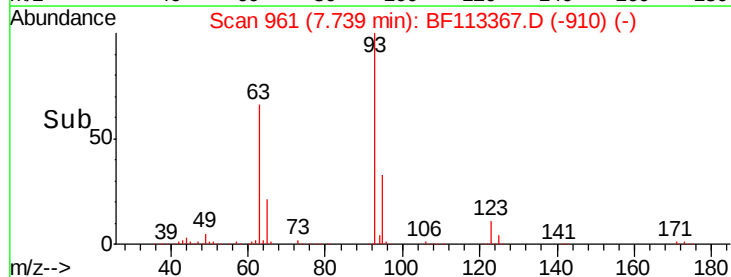
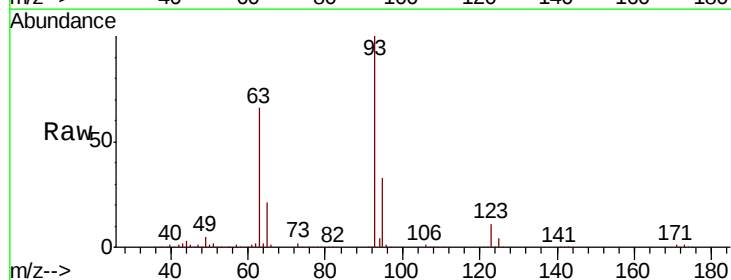
Instrument :
 BNA_F
 ClientSampleId :
 PB118325BS

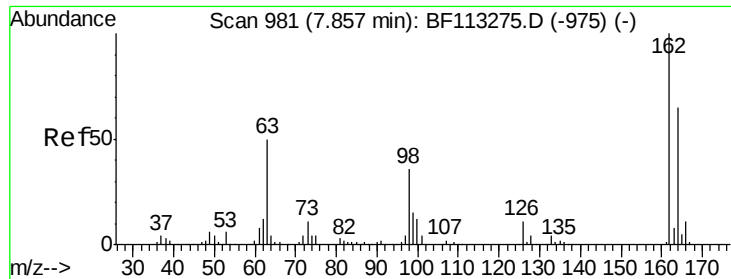
Tot Ion:122 Resp: 447473
 Ion Ratio Lower Upper
 122 100
 107 111.9 88.8 133.2
 121 58.3 45.5 68.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.596 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF113367.D
 Acq: 28 Mar 2019 10:10

Tgt Ion: 93 Resp: 643804
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.0 39.0
 123 11.1 9.1 13.7

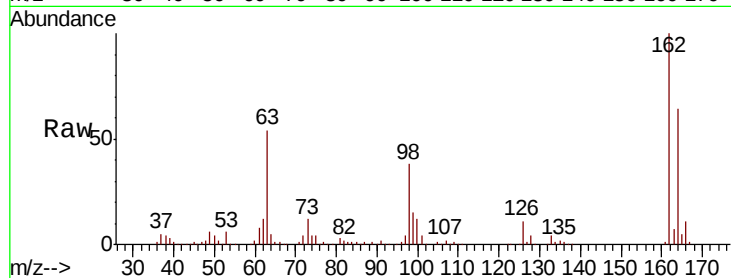




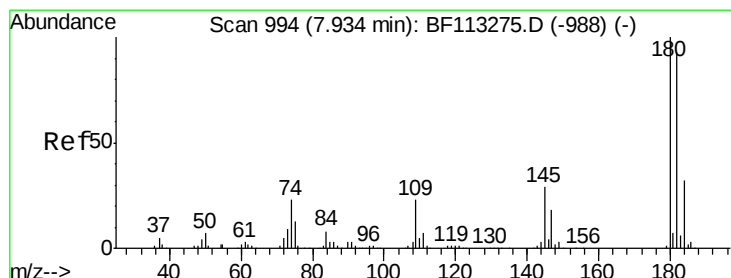
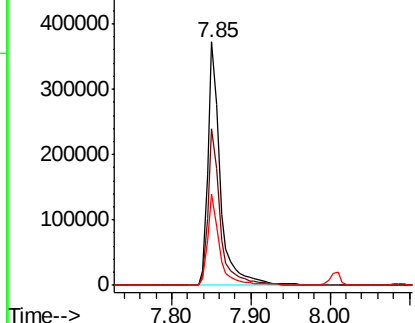
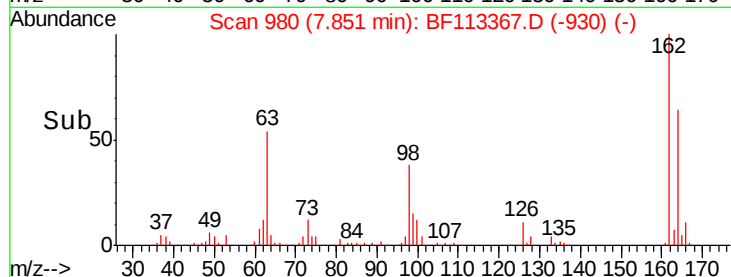
#29
2,4-Dichlorophenol
Concen: 38.527 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF113367.D
Acq: 28 Mar 2019 10:10

Instrument :
BNA_F
ClientSampleId :
PB118325BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.6	84.6
98	37.8	15.6	55.6

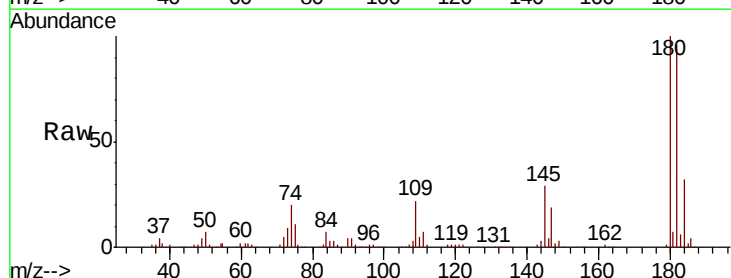


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

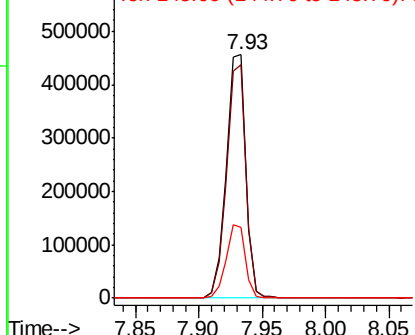
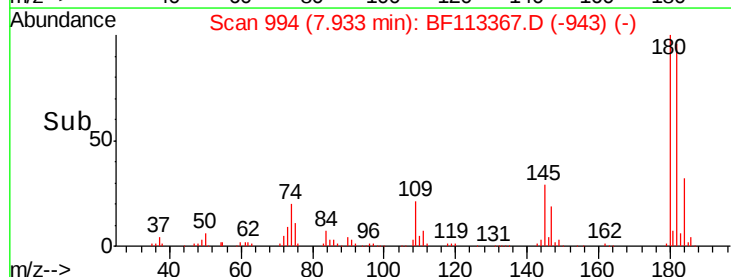


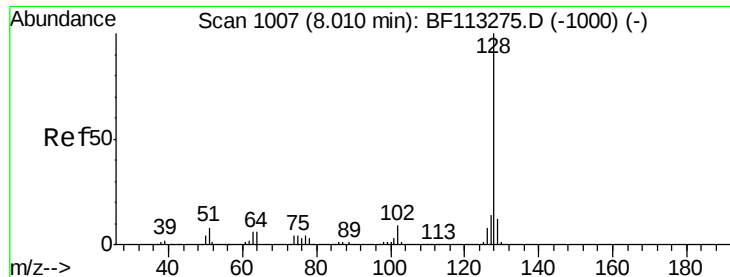
#30
1,2,4-Trichlorobenzene
Concen: 42.111 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF113367.D
Acq: 28 Mar 2019 10:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	74.6	111.8
145	28.9	23.4	35.0



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

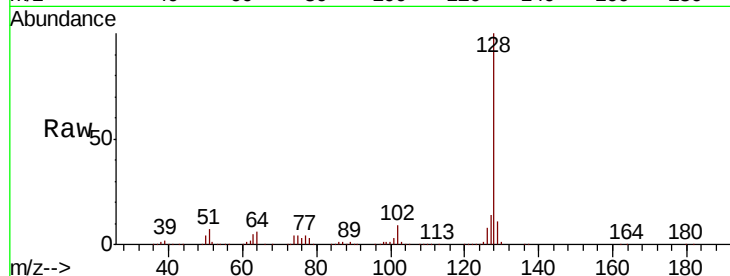




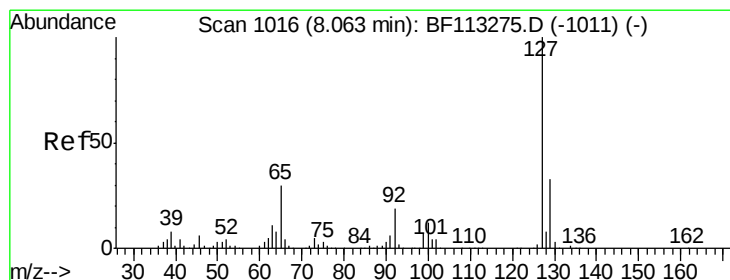
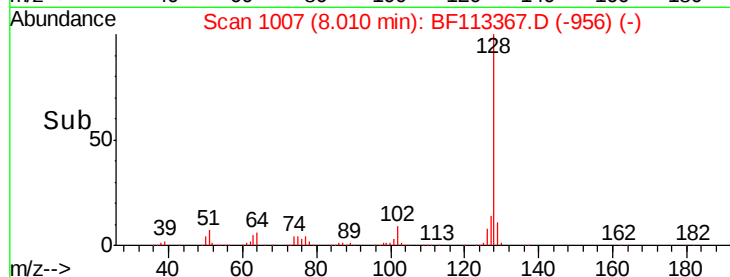
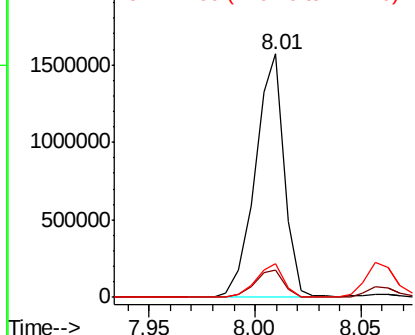
#31
Naphthalene
Concen: 41.793 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF113367.D
Acq: 28 Mar 2019 10:10

Instrument :
BNA_F
ClientSampleId :
PB118325BS

Tot Ion:128 Resp: 1501271
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.6 10.9 16.3

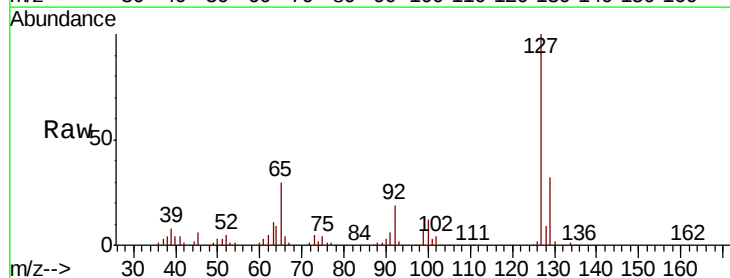


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

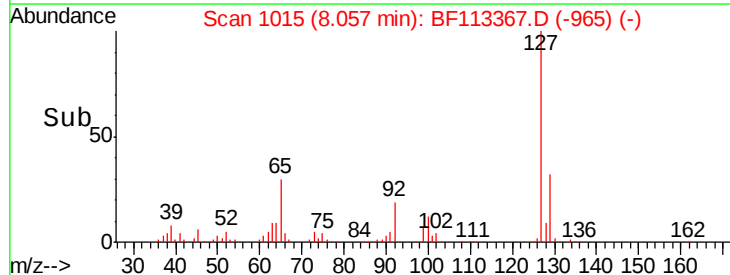
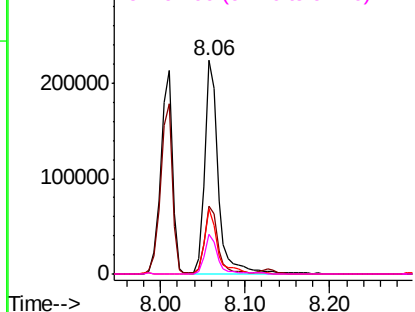


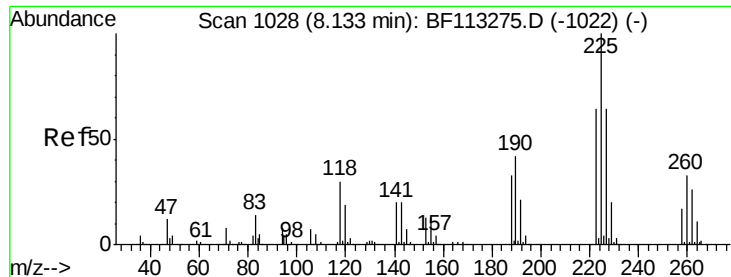
#33
4-Chloroaniline
Concen: 17.734 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF113367.D
Acq: 28 Mar 2019 10:10

Tgt Ion:127 Resp: 248415
Ion Ratio Lower Upper
127 100
129 32.0 26.3 39.5
65 30.5 24.2 36.4
92 18.7 15.0 22.6



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

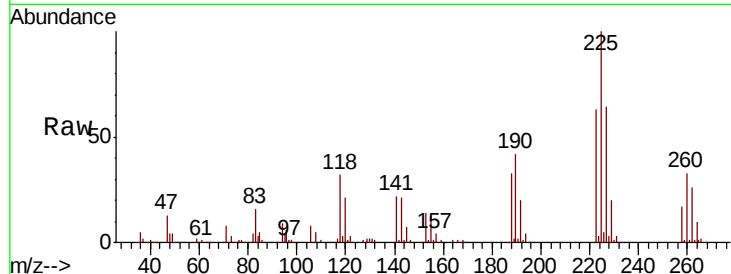




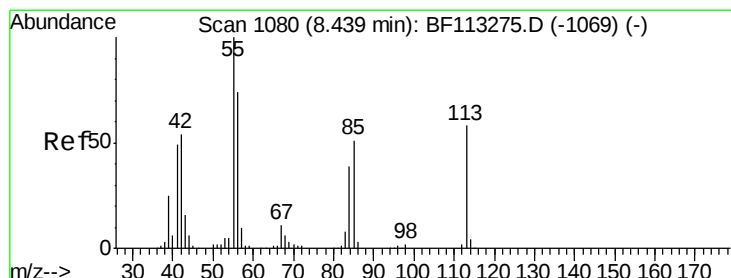
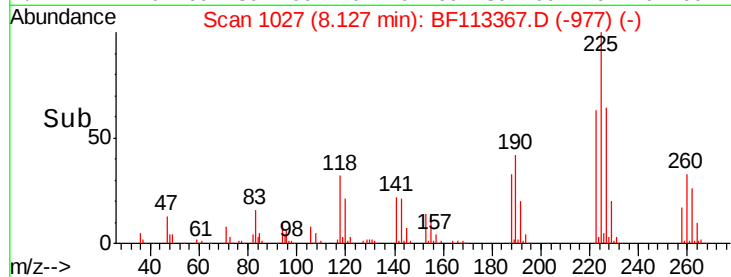
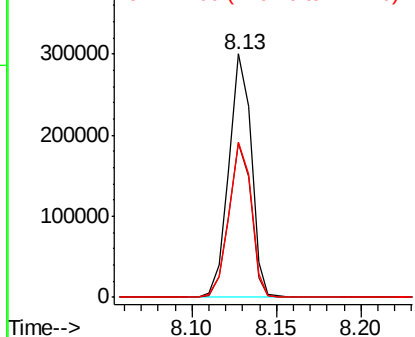
#34
Hexachlorobutadiene
Concen: 40.572 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF113367.D
Acq: 28 Mar 2019 10:10

Instrument :
BNA_F
ClientSampleId :
PB118325BS

Tot Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.4	77.2
227	64.0	51.1	76.7

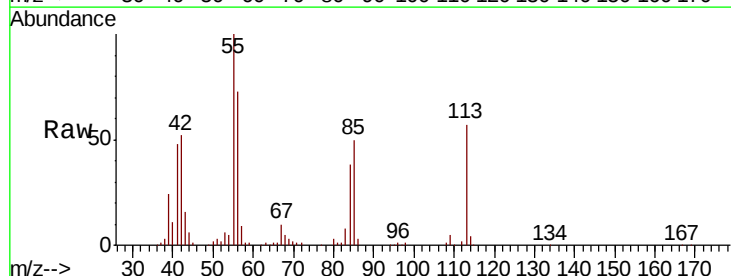


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

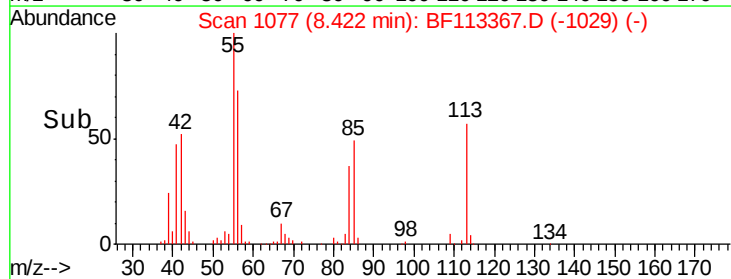
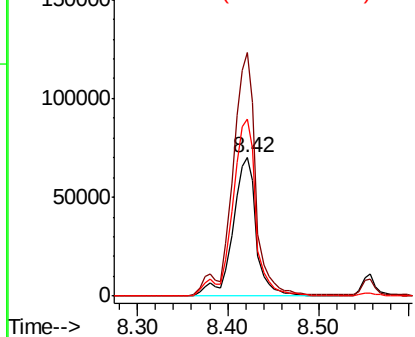


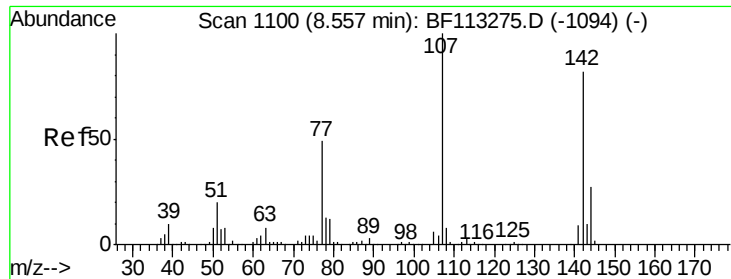
#35
Caprolactam
Concen: 37.094 ng
RT: 8.42 min Scan# 1077
Delta R.T. -0.02 min
Lab File: BF113367.D
Acq: 28 Mar 2019 10:10

Tgt Ion	Ratio	Lower	Upper
113	100		
55	175.7	152.7	192.7
56	128.1	108.3	148.3



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

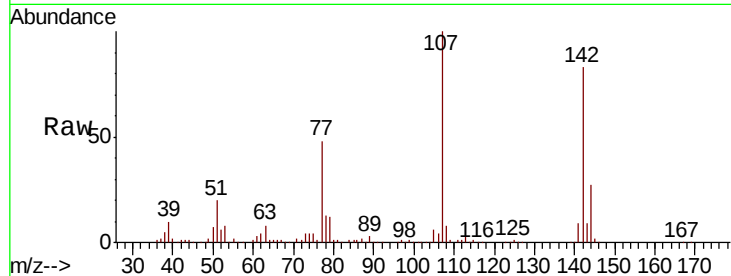




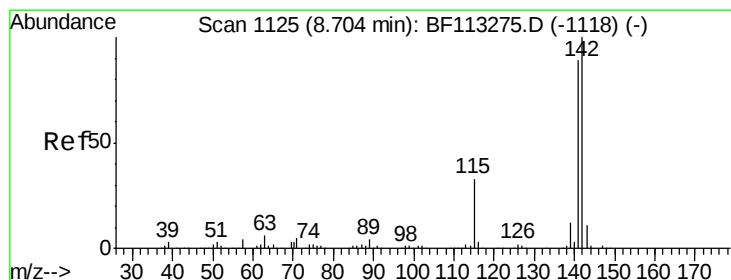
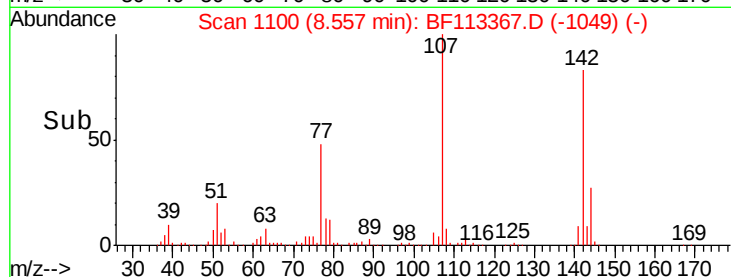
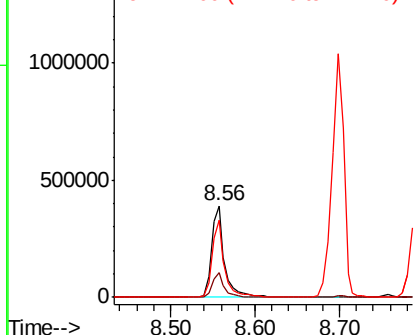
#36
 4-Chloro-3-methylphenol
 Concen: 39.311 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF113367.D
 Acq: 28 Mar 2019 10:10

Instrument :
 BNA_F
 ClientSampleId :
 PB118325BS

Tot Ion:107 Resp: 421041
 Ion Ratio Lower Upper
 107 100
 144 27.4 21.4 32.0
 142 83.4 65.6 98.4

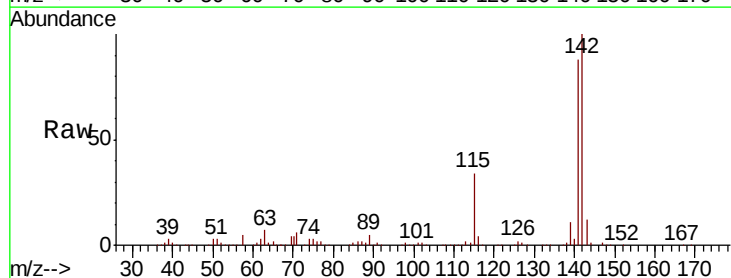


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

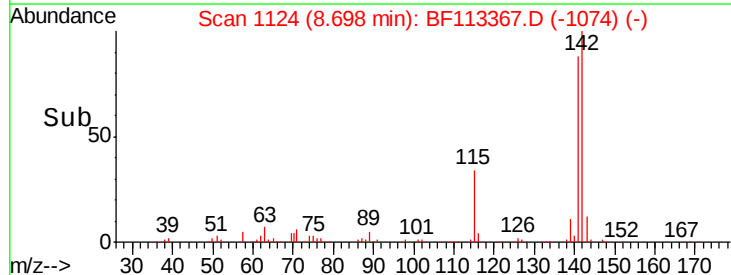
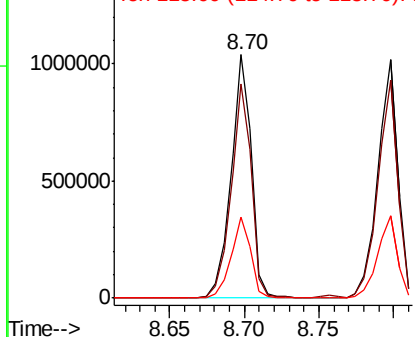


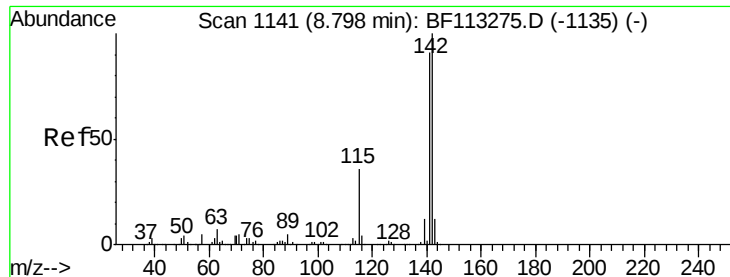
#37
 2-Methylnaphthalene
 Concen: 44.465 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF113367.D
 Acq: 28 Mar 2019 10:10

Tgt Ion:142 Resp: 996626
 Ion Ratio Lower Upper
 142 100
 141 87.9 71.0 106.6
 115 33.5 26.6 39.8



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

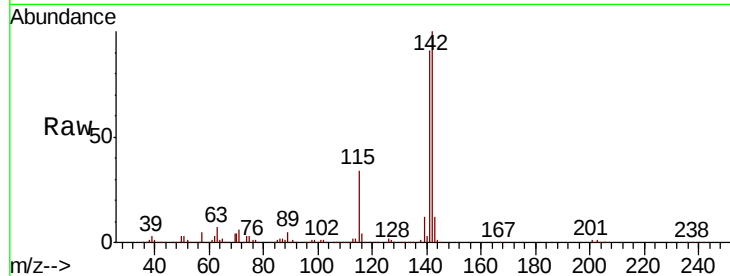




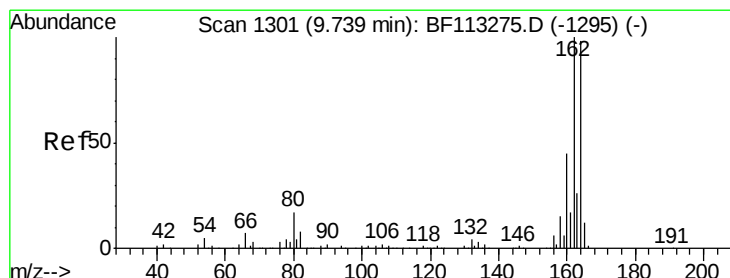
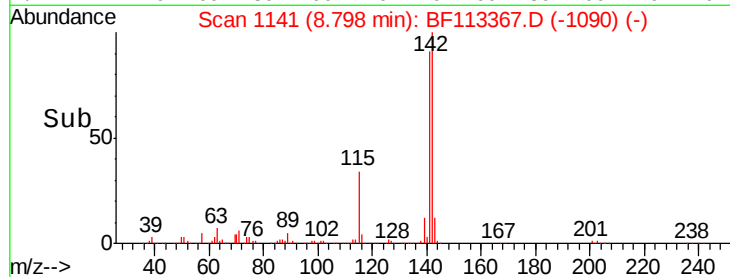
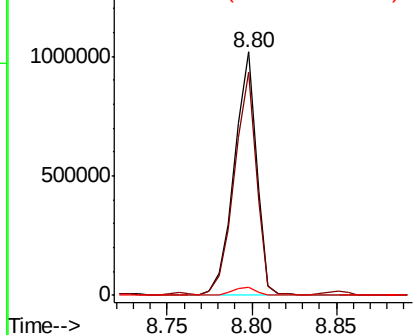
#38
1-Methylnaphthalene
Concen: 43.159 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF113367.D
Acq: 28 Mar 2019 10:10

Instrument :
BNA_F
ClientSampleId :
PB118325BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.2	109.8
116	3.5	3.0	4.4

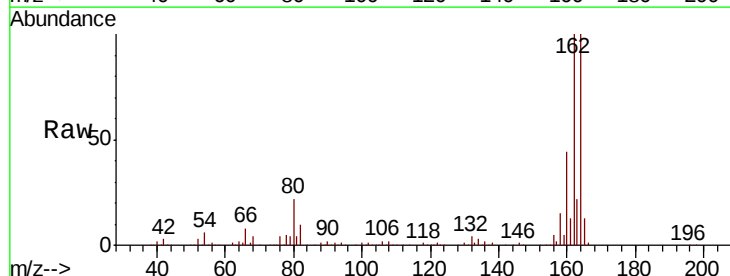


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

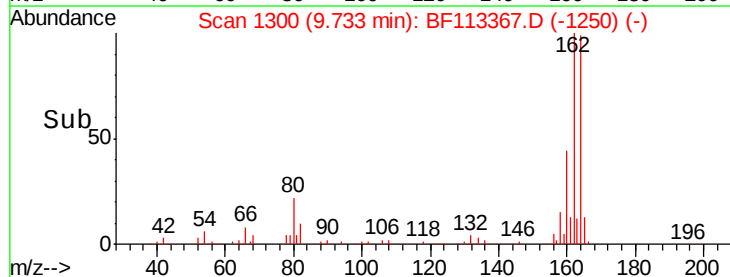
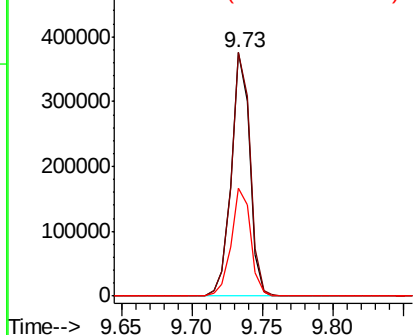


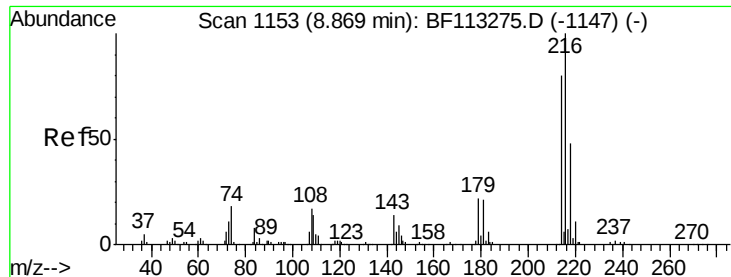
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113367.D
Acq: 28 Mar 2019 10:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.8	122.6
160	44.2	36.4	54.6



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: 42.670 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

Instrument :

BNA_F

ClientSampleId :

PB118325BS

Tot Ion:216 Resp: 465932

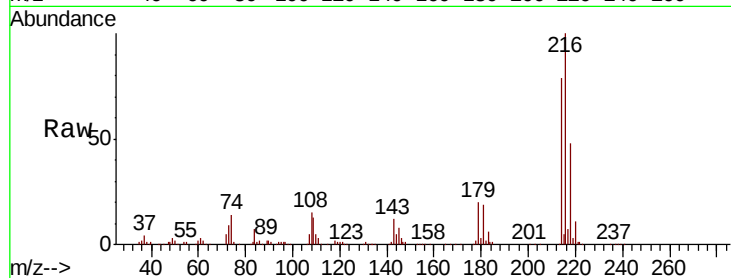
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.6

179 20.1 16.8 25.2

108 17.0 13.8 20.6

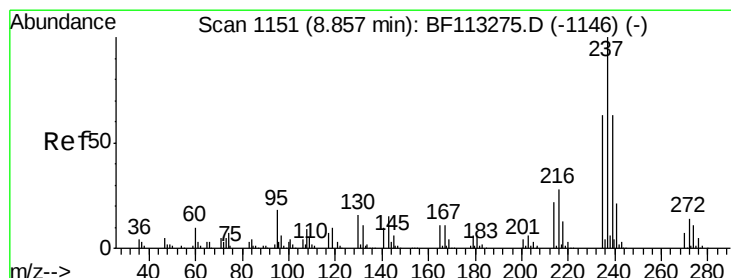
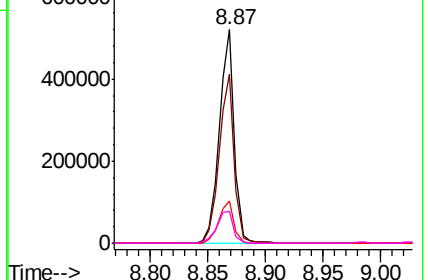
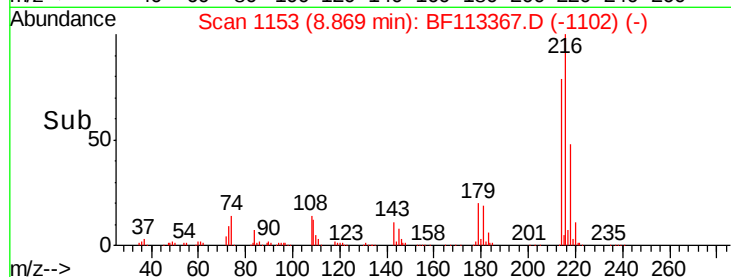


Abundance Ion 216.00 (215.70 to 216.70): E

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: 24.305 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

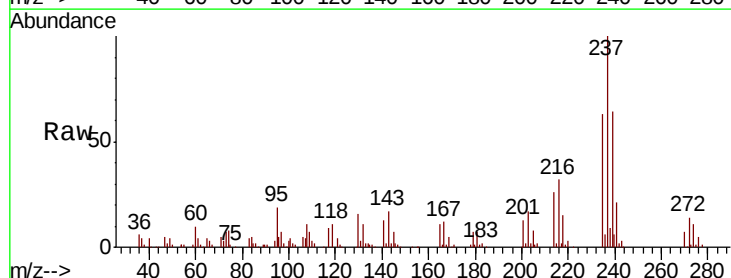
Tgt Ion:237 Resp: 112337

Ion Ratio Lower Upper

237 100

235 62.8 43.4 83.4

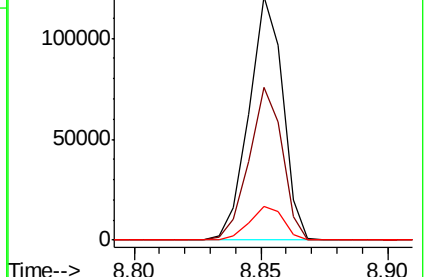
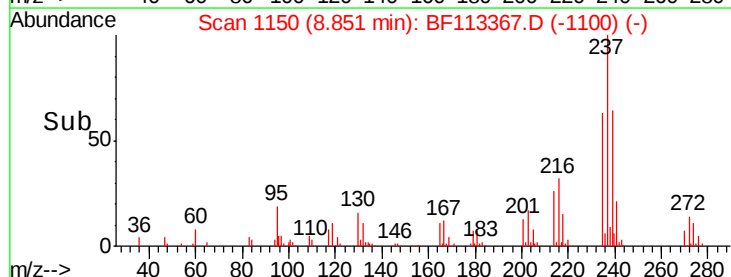
272 13.9 0.0 33.7

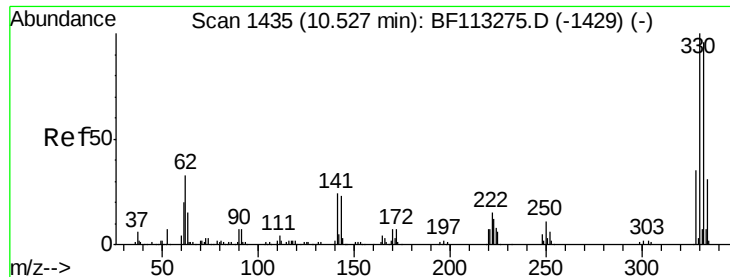


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

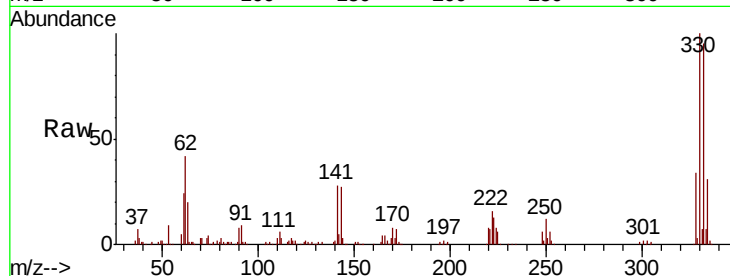




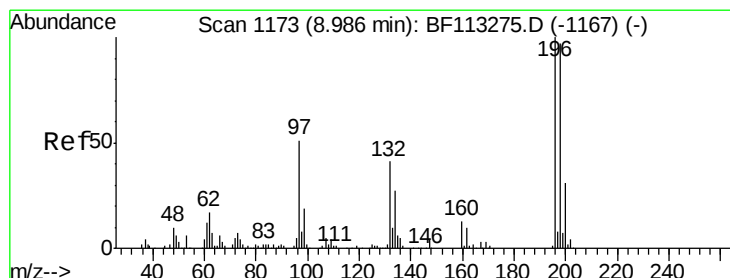
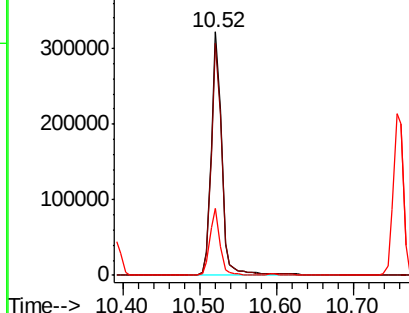
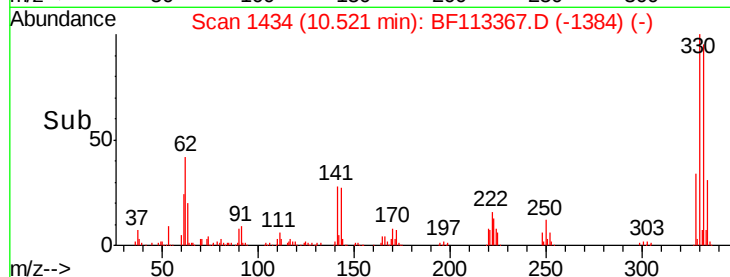
#42
2,4,6-Tribromophenol
Concen: 72.033 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF113367.D
Acq: 28 Mar 2019 10:10

Instrument :
BNA_F
ClientSampleId :
PB118325BS

Tot Ion:330 Resp: 302674
Ion Ratio Lower Upper
330 100
332 95.7 77.8 116.6
141 26.5 22.7 34.1

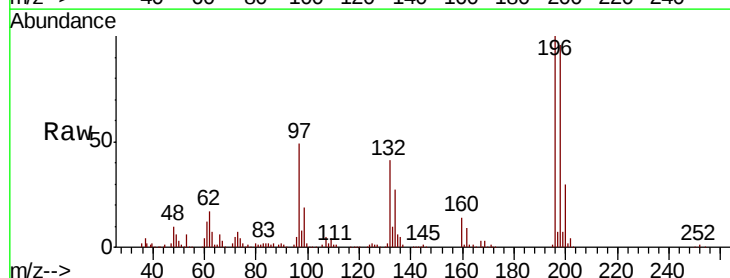


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

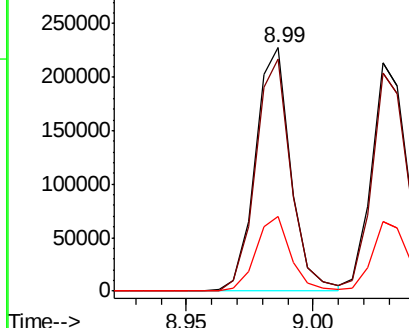
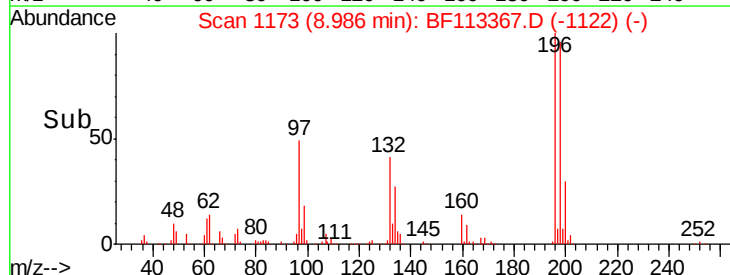


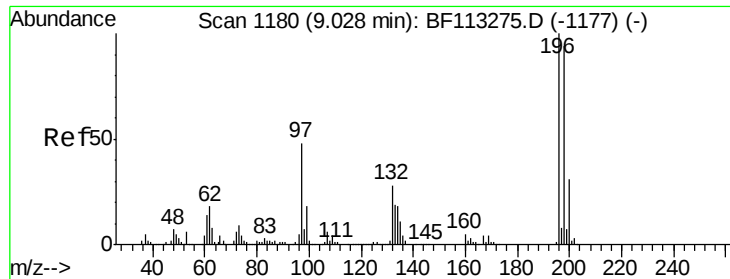
#43
2,4,6-Trichlorophenol
Concen: 31.309 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF113367.D
Acq: 28 Mar 2019 10:10

Tgt Ion:196 Resp: 222629
Ion Ratio Lower Upper
196 100
198 95.5 77.7 116.5
200 30.4 24.9 37.3



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: 30.076 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

Instrument :

BNA_F

ClientSampleId :

PB118325BS

Tot Ion:196 Resp: 236678

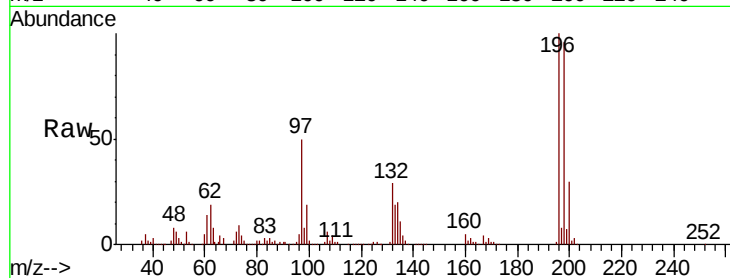
Ion Ratio Lower Upper

196 100

198 95.6 75.4 113.2

97 50.1 38.6 58.0

132 29.1 22.9 34.3

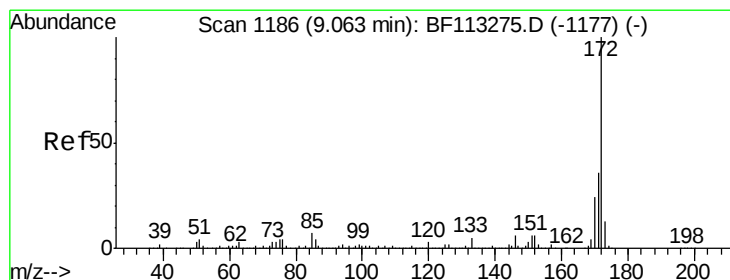
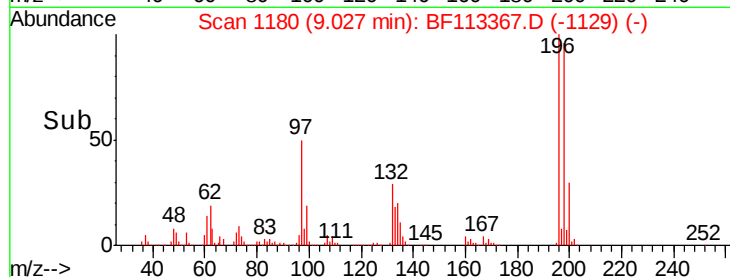
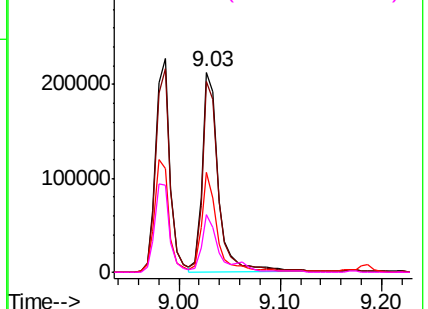


Abundance Ion 196.00 (195.70 to 196.70): E

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: 91.265 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

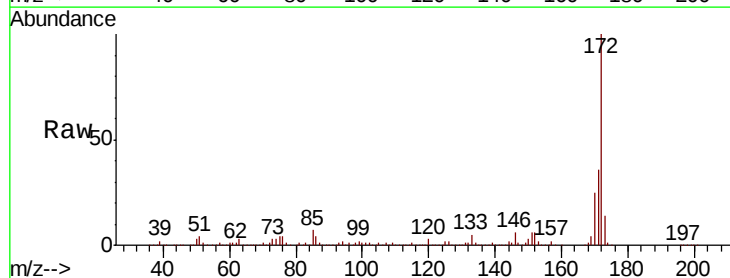
Tgt Ion:172 Resp: 1952550

Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.6

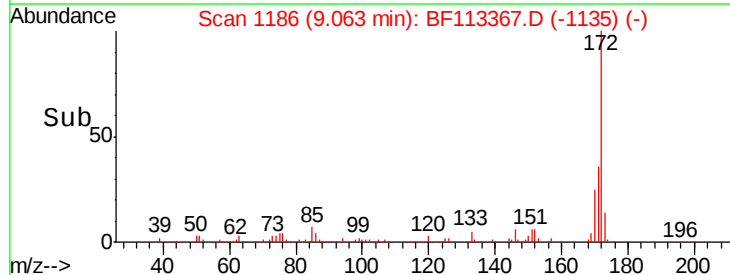
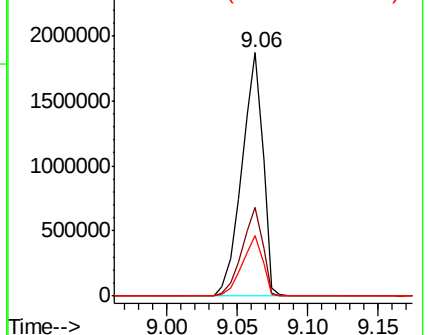
170 25.0 19.5 29.3

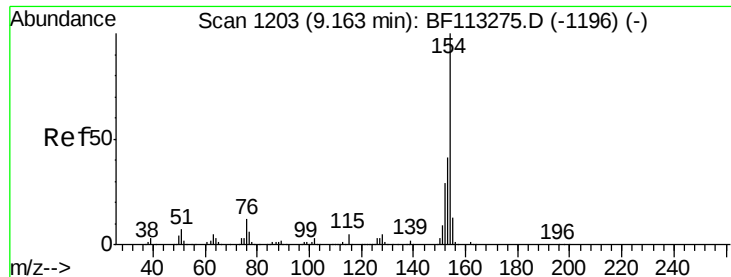


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 41.608 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

Instrument :

BNA_F

ClientSampleId :

PB118325BS

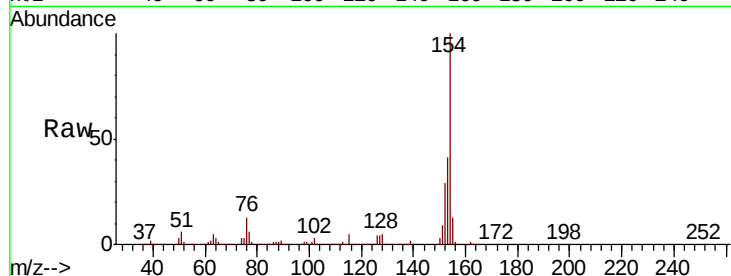
Tot Ion:154 Resp: 1182114

Ion Ratio Lower Upper

154 100

153 40.8 20.8 60.8

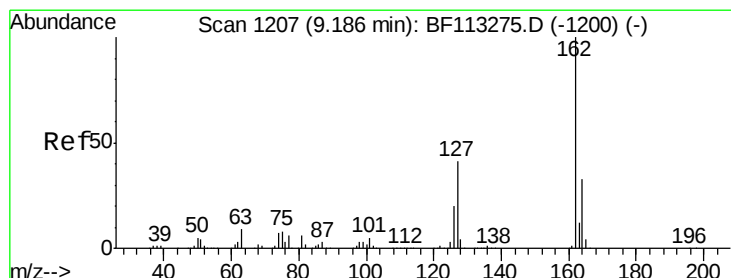
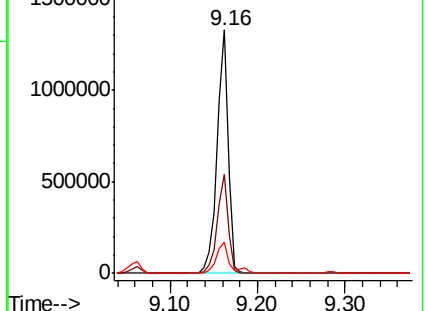
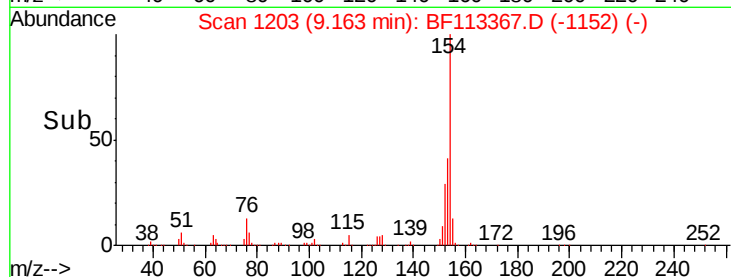
76 12.8 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47

2-Chloronaphthalene

Concen: 41.616 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

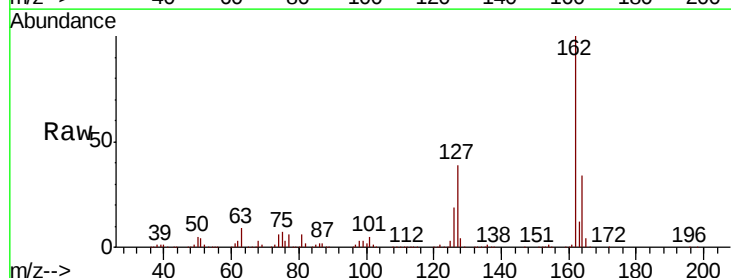
Tgt Ion:162 Resp: 910334

Ion Ratio Lower Upper

162 100

127 39.1 32.6 49.0

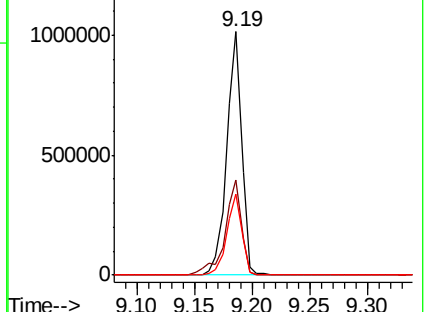
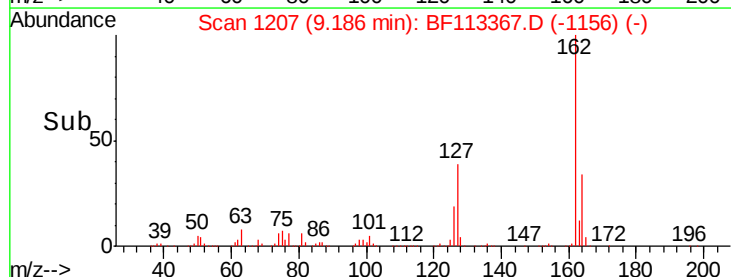
164 33.5 26.6 39.8

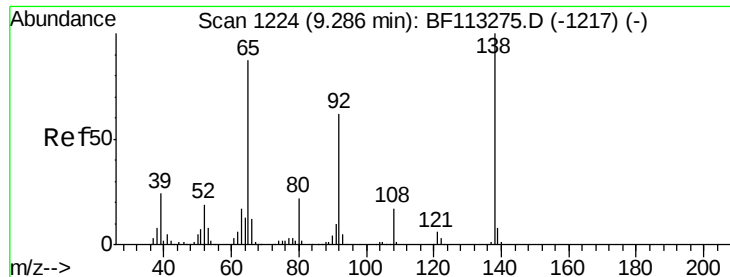


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

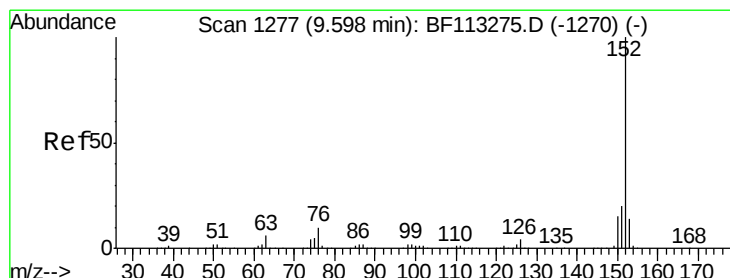
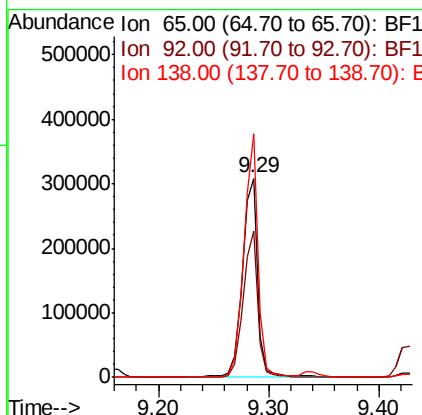
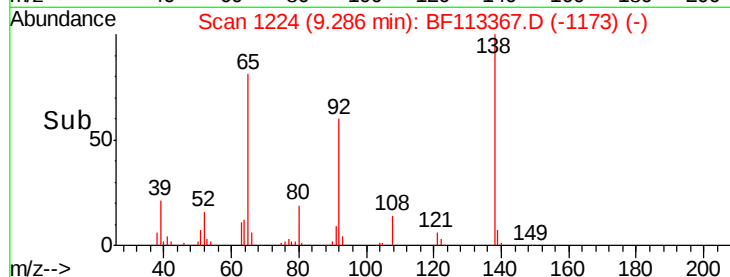
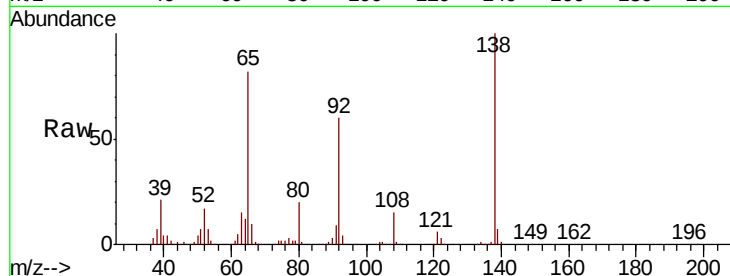




#48
 2-Nitroaniline
 Concen: 44.091 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF113367.D
 Acq: 28 Mar 2019 10:10

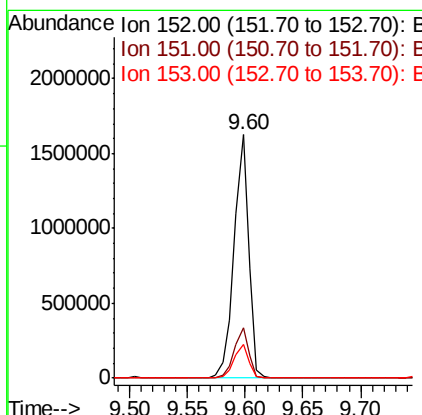
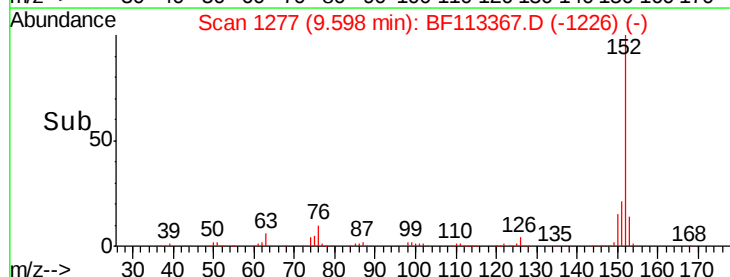
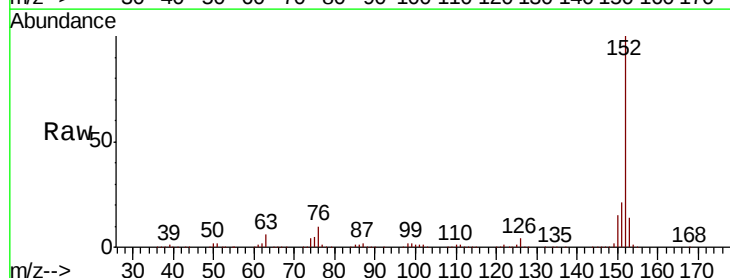
Instrument :
 BNA_F
 ClientSampleId :
 PB118325BS

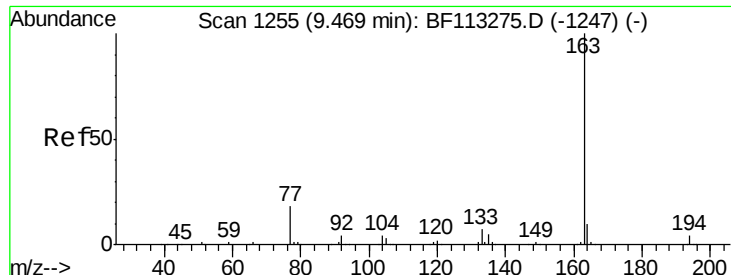
Tot Ion: 65 Resp: 302670
 Ion Ratio Lower Upper
 65 100
 92 73.6 56.8 85.2
 138 122.4 92.3 138.5



#49
 Acenaphthylene
 Concen: 40.648 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: BF113367.D
 Acq: 28 Mar 2019 10:10

Tgt Ion: 152 Resp: 1437693
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.2 24.4
 153 13.9 11.0 16.6





#50

Dimethylphthalate

Concen: 42.216 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

Instrument :

BNA_F

ClientSampleId :

PB118325BS

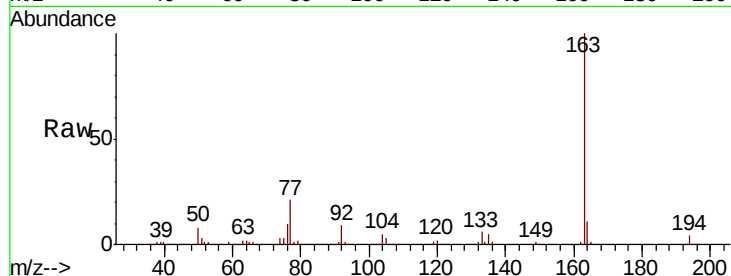
Tot Ion:163 Resp: 1064249

Ion Ratio Lower Upper

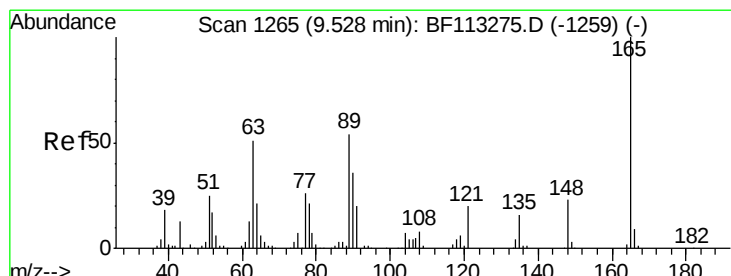
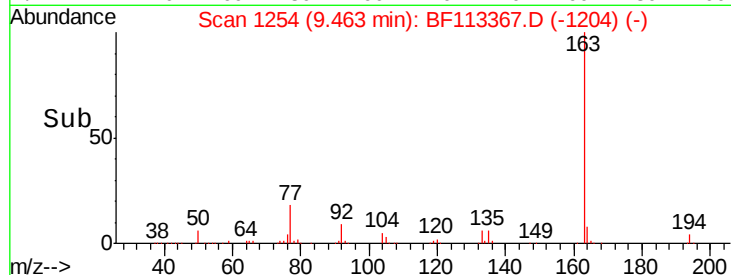
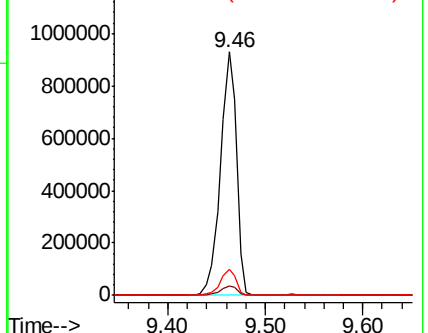
163 100

194 4.0 3.0 4.6

164 10.7 8.1 12.1



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: 39.476 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

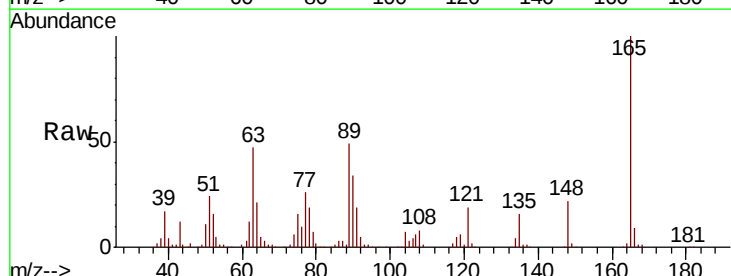
Tgt Ion:165 Resp: 224505

Ion Ratio Lower Upper

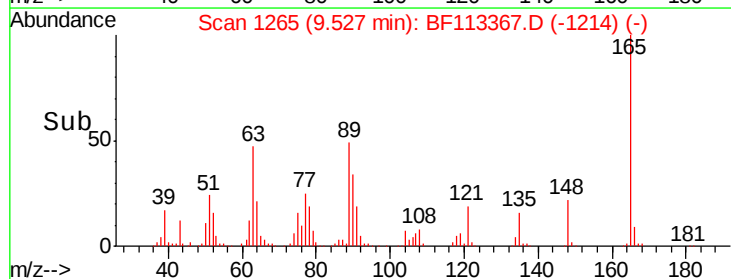
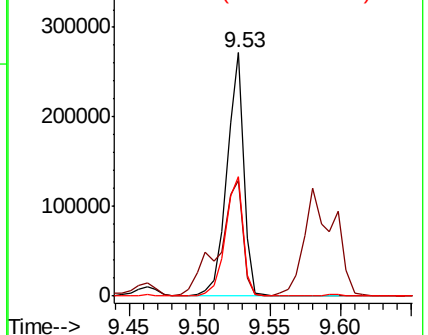
165 100

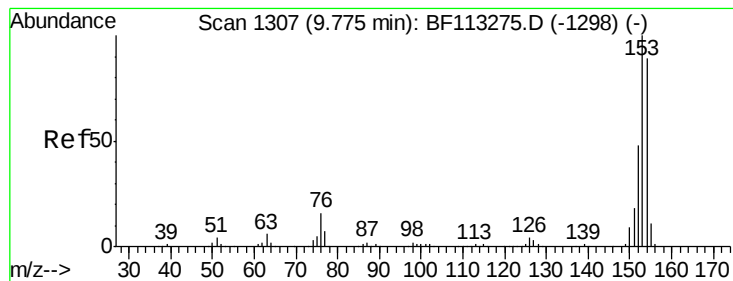
63 47.5 43.4 65.0

89 49.2 43.1 64.7



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





#52

Acenaphthene

Concen: 41.705 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

Instrument :

BNA_F

ClientSampleId :

PB118325BS

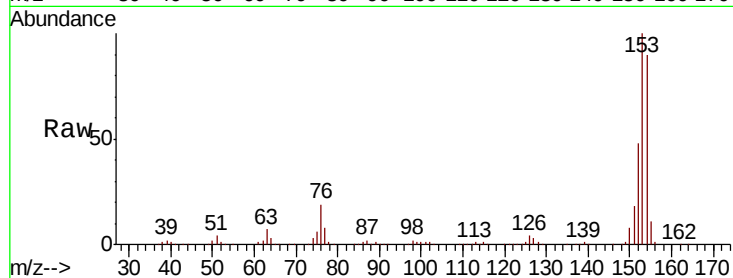
Tot Ion:154 Resp: 830708

Ion Ratio Lower Upper

154 100

153 111.7 89.5 134.3

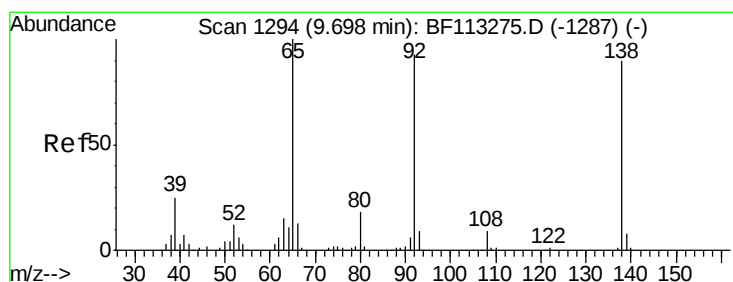
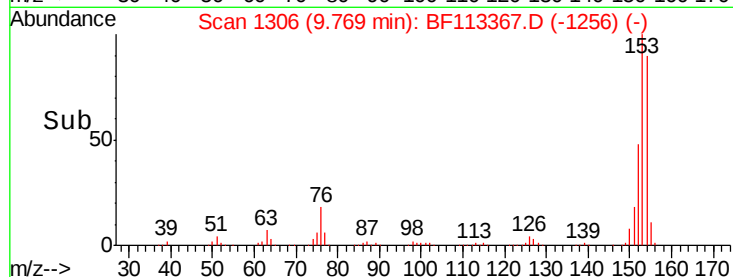
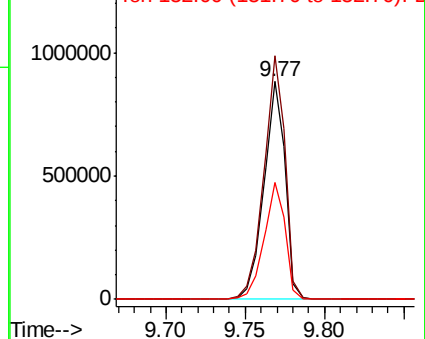
152 53.4 43.3 64.9



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: 36.222 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

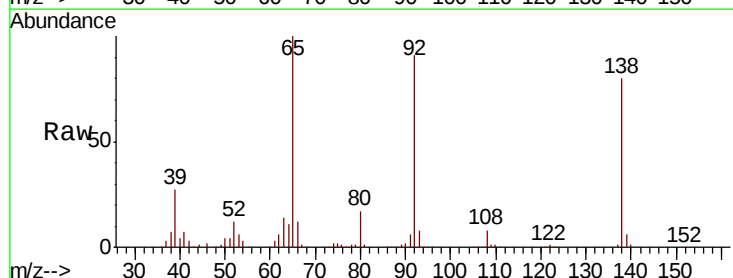
Tgt Ion:138 Resp: 232312

Ion Ratio Lower Upper

138 100

108 9.6 7.8 11.6

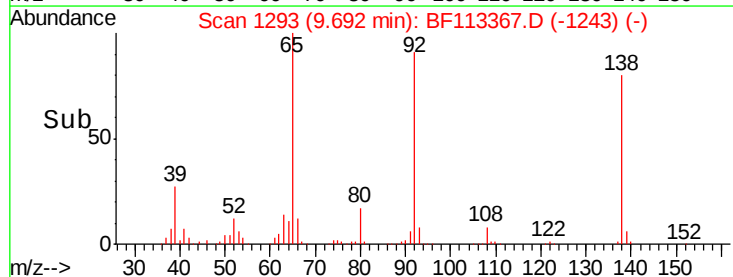
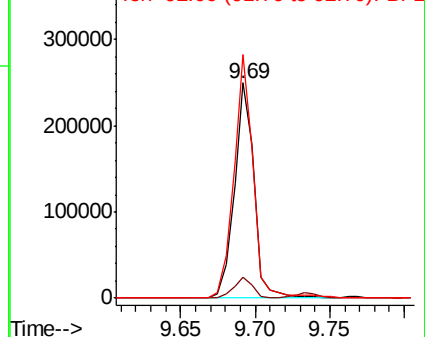
92 113.3 82.6 124.0

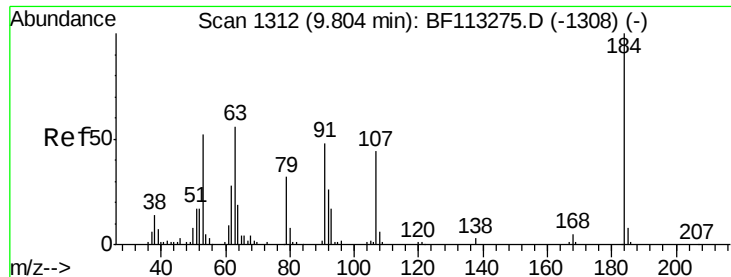


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

2,4-Dinitrophenol

Concen: 1.077 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.02 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

Instrument :

BNA_F

ClientSampleId :

PB118325BS

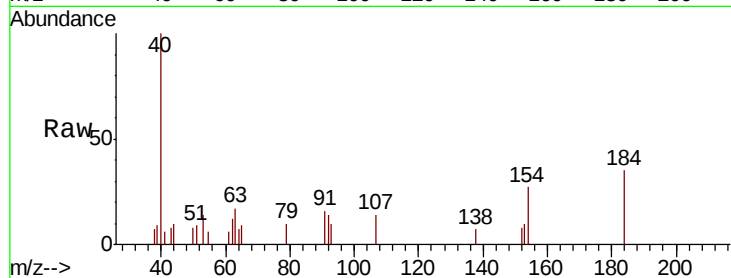
Tot Ion:184 Resp: 3045

Ion Ratio Lower Upper

184 100

63 48.7 54.3 81.5#

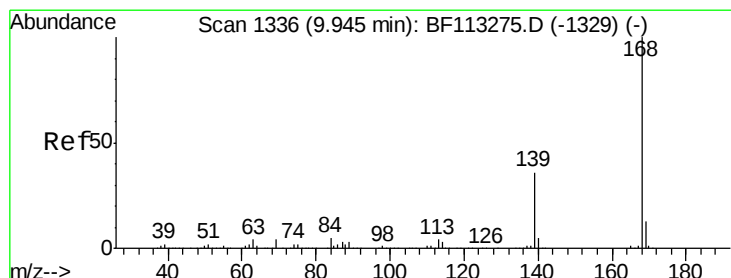
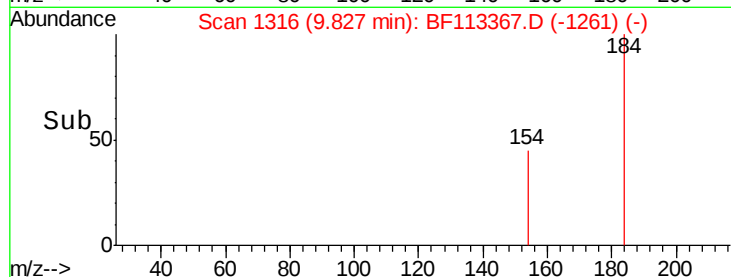
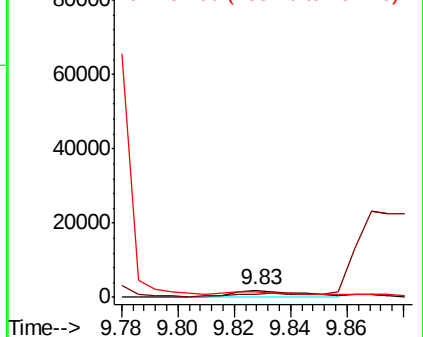
154 77.1 48.4 72.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 41.729 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

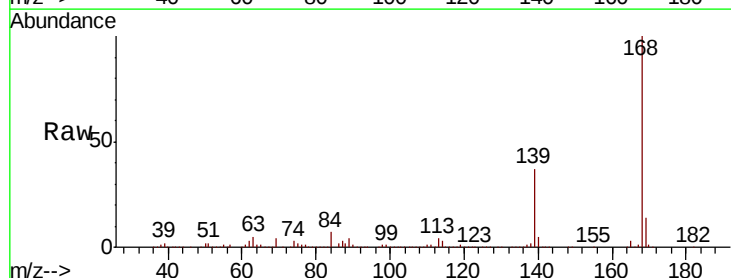
Tgt Ion:168 Resp: 1249537

Ion Ratio Lower Upper

168 100

139 37.0 29.7 44.5

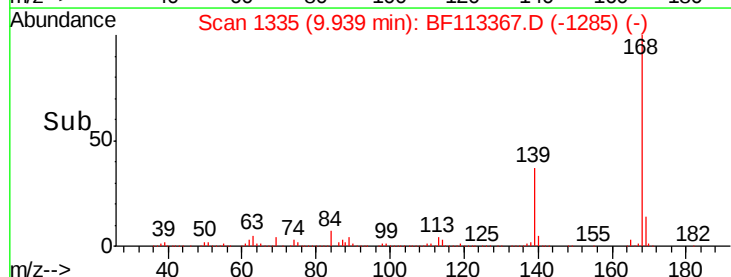
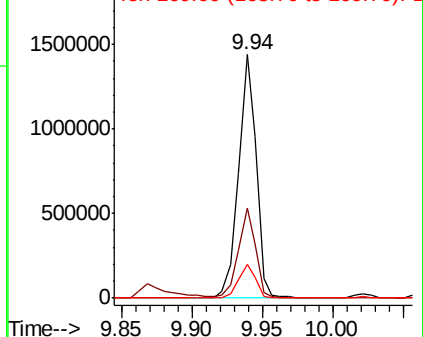
169 13.9 10.7 16.1

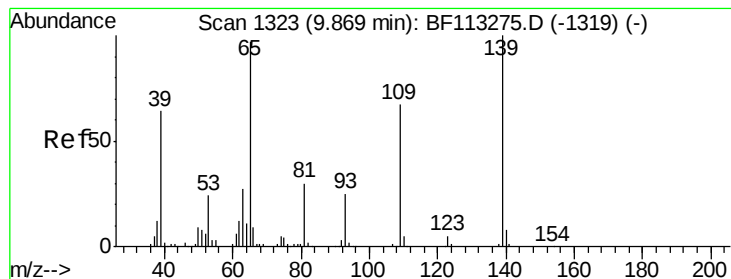


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 25.657 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

Instrument :

BNA_F

ClientSampleId :

PB118325BS

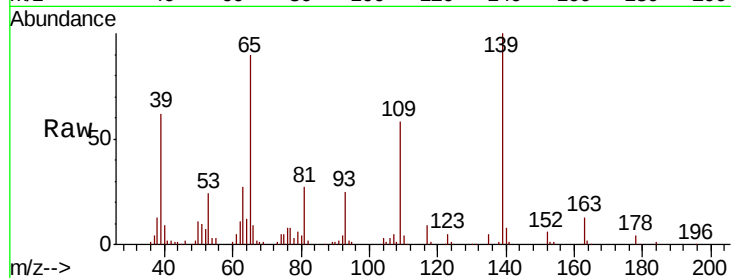
Tot Ion:139 Resp: 117312

Ion Ratio Lower Upper

139 100

109 58.1 46.9 86.9

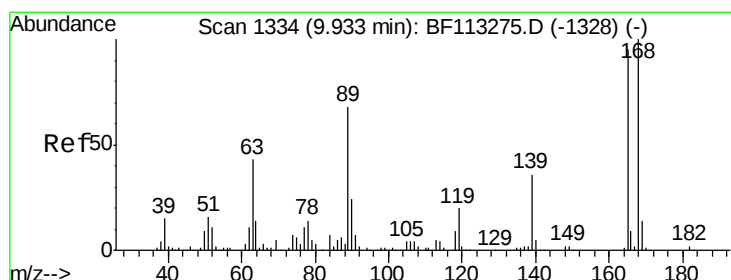
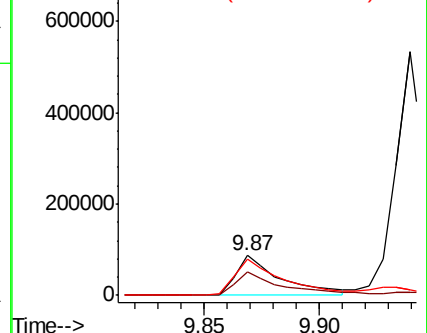
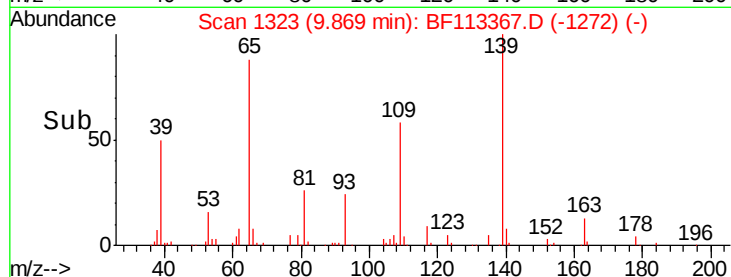
65 90.0 77.2 117.2



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: 37.025 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

Tgt Ion:165 Resp: 267776

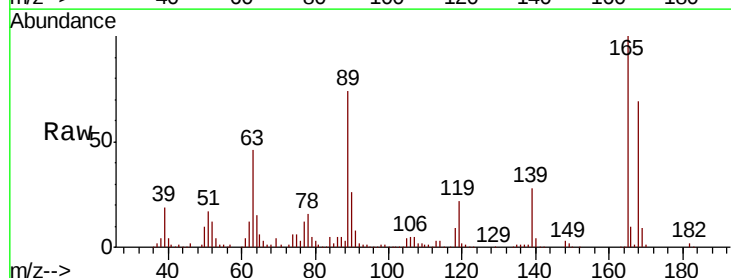
Ion Ratio Lower Upper

165 100

63 46.3 37.5 56.3

89 73.8 57.4 86.2

182 2.4 2.0 3.0

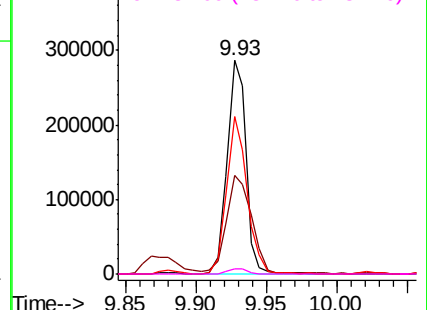
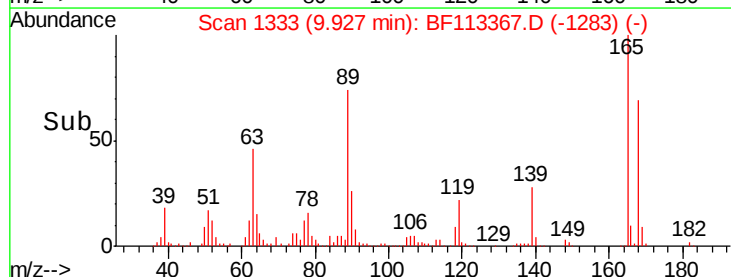


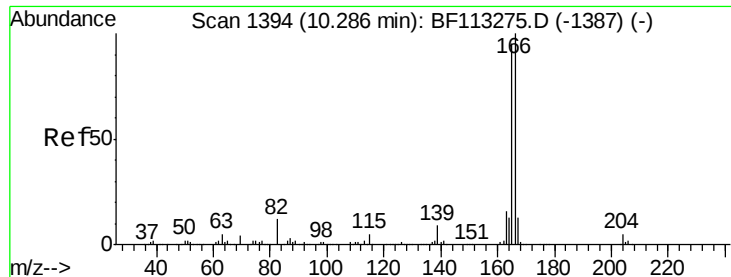
Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.201 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

Instrument :

BNA_F

ClientSampleId :

PB118325BS

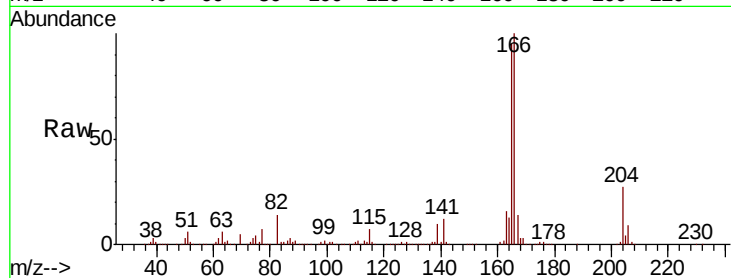
Tot Ion:166 Resp: 911906

Ion Ratio Lower Upper

166 100

165 94.8 76.2 114.2

167 14.1 10.7 16.1

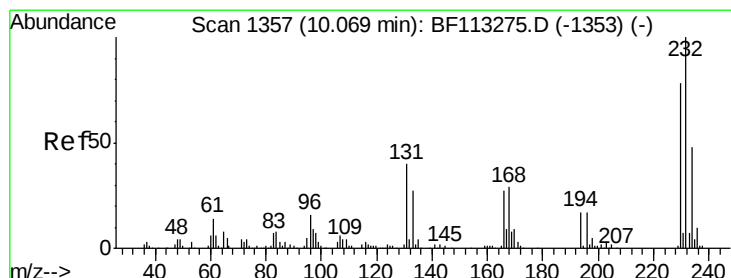
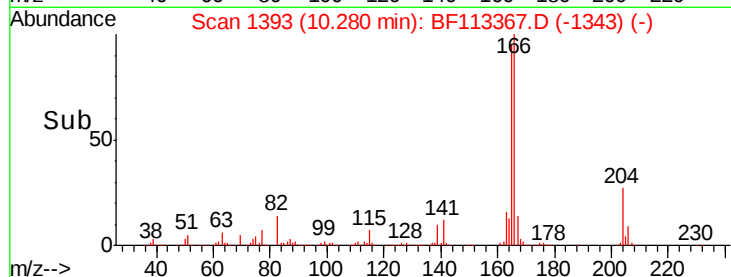
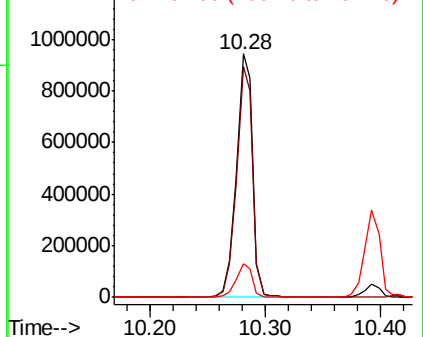


Abundance

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: 18.142 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

Tgt Ion:232 Resp: 120727

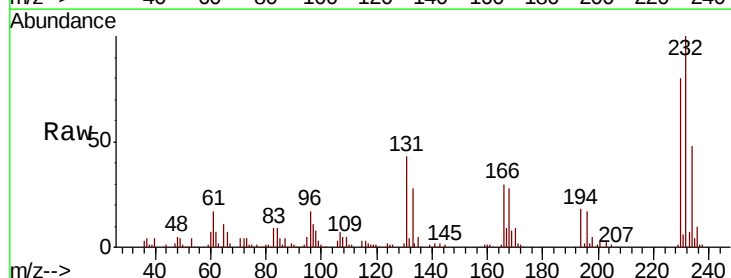
Ion Ratio Lower Upper

232 100

131 42.8 33.2 49.8

130 1.7 1.6 2.4

166 26.2 21.0 31.6



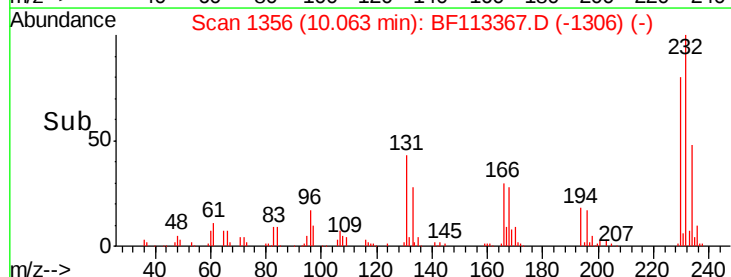
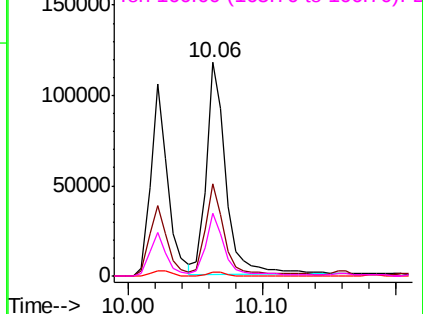
Abundance

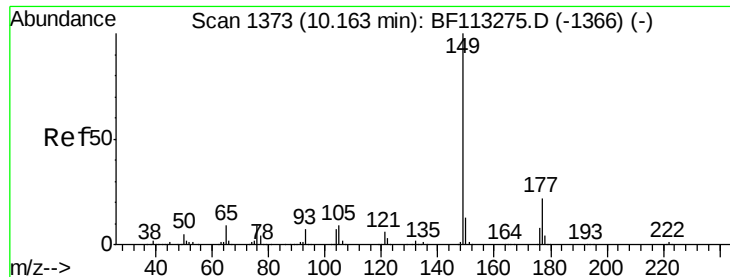
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#60

Diethylphthalate

Concen: 41.383 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

Instrument :

BNA_F

ClientSampled :

PB118325BS

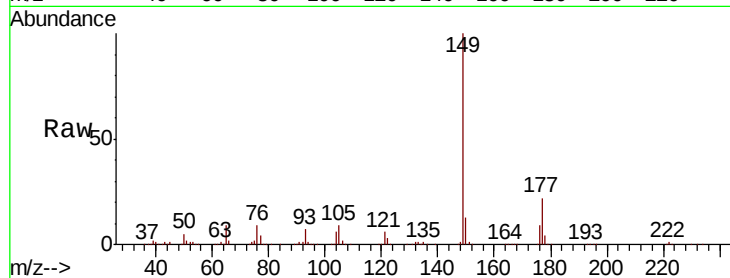
Tot Ion:149 Resp: 1023422

Ion Ratio Lower Upper

149 100

177 21.8 17.4 26.0

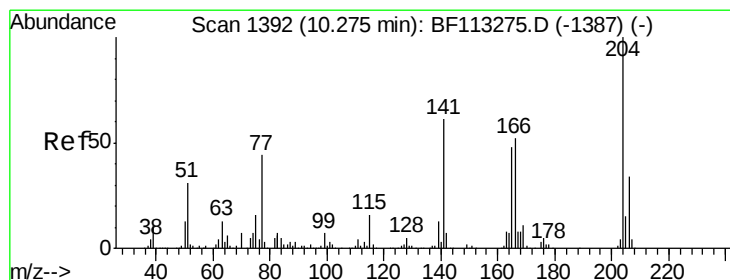
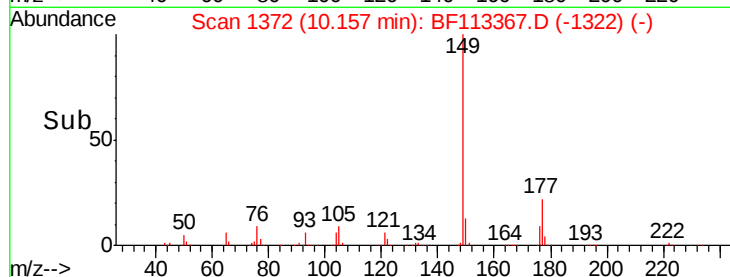
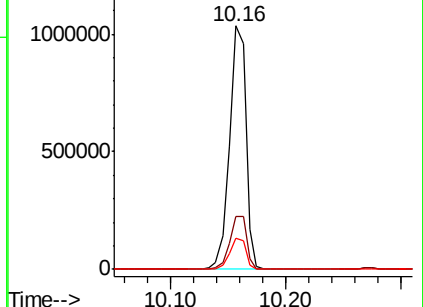
150 12.6 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61

4-Chlorophenyl-phenylether

Concen: 41.068 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

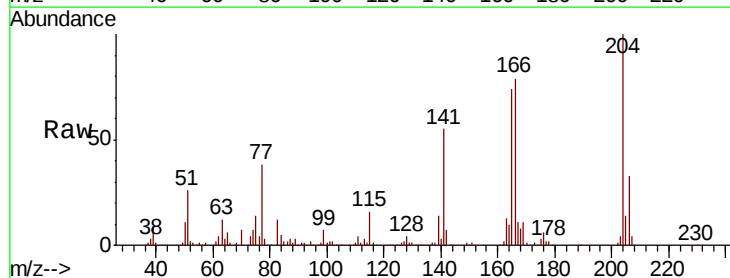
Tgt Ion:204 Resp: 465610

Ion Ratio Lower Upper

204 100

206 33.2 26.9 40.3

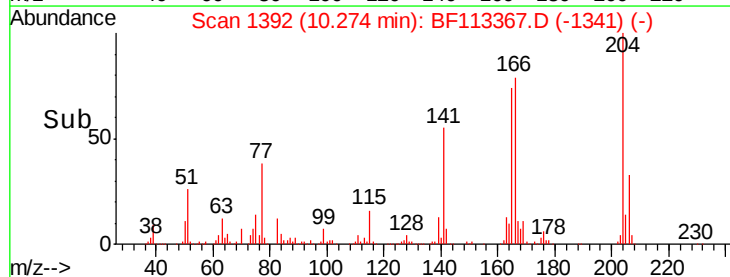
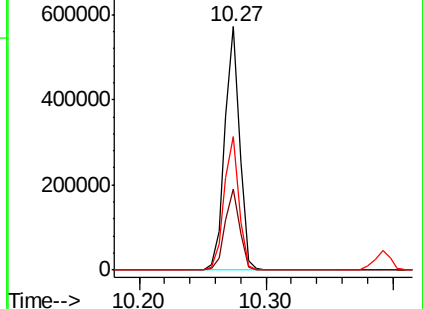
141 55.0 48.8 73.2

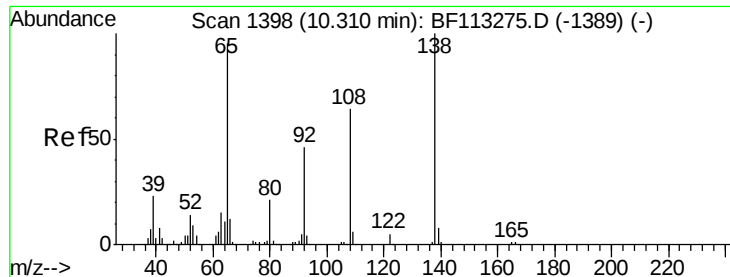


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 38.114 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

Instrument :

BNA_F

ClientSampleId :

PB118325BS

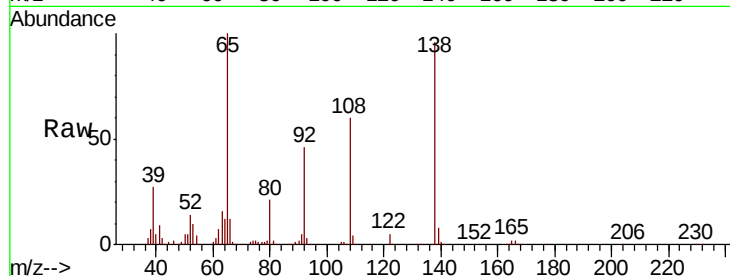
Tot Ion:138 Resp: 251675

Ion Ratio Lower Upper

138 100

92 48.0 25.8 65.8

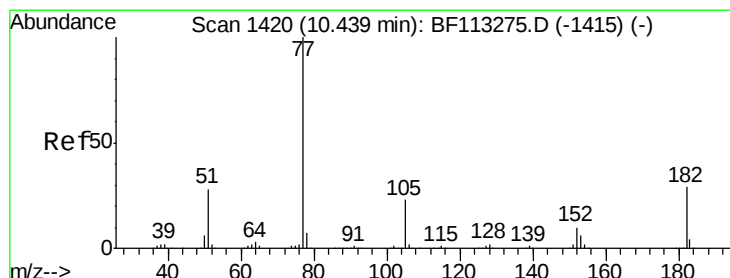
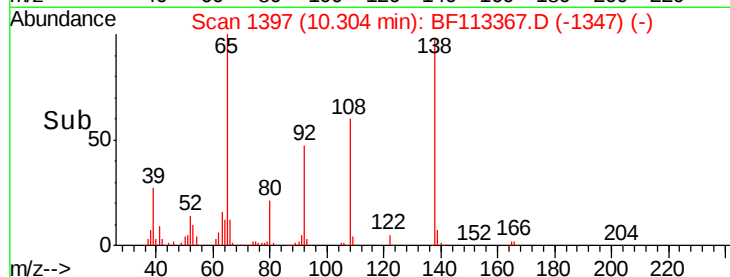
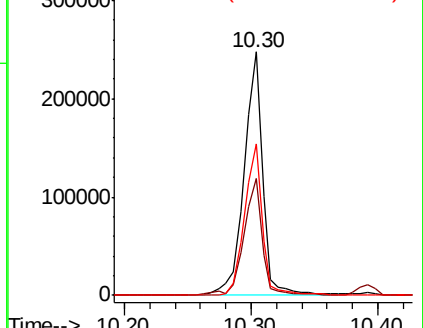
108 62.1 44.0 84.0



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: 40.560 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

Tgt Ion: 77 Resp: 944215

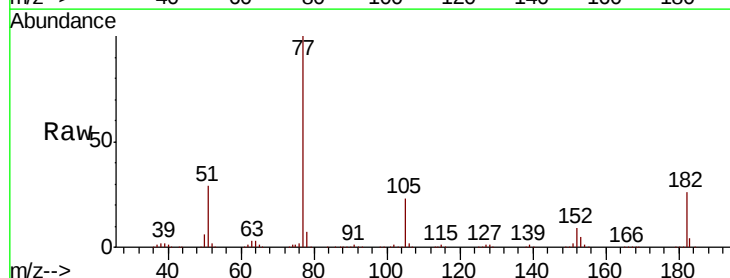
Ion Ratio Lower Upper

77 100

182 25.7 8.7 48.7

105 23.1 2.9 42.9

51 28.6 8.8 48.8

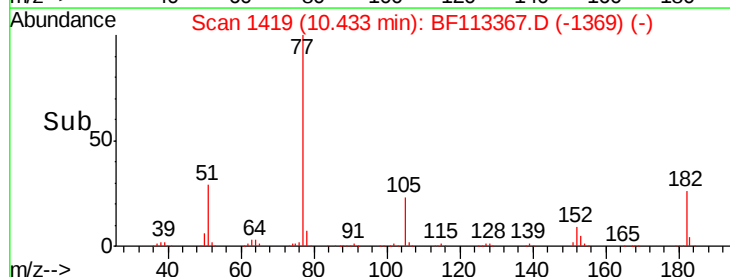
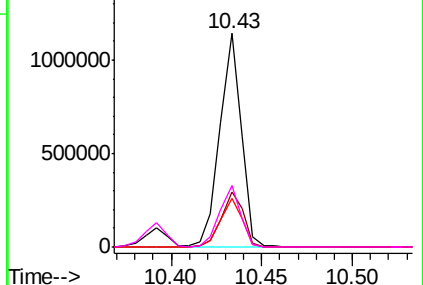


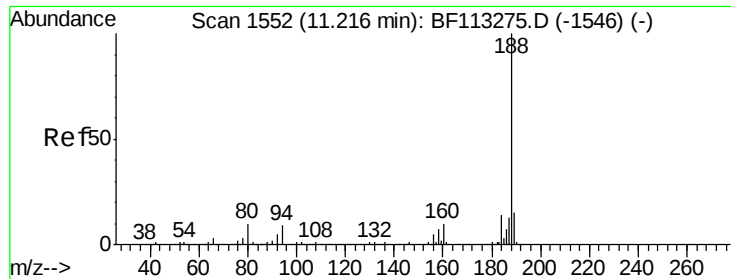
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

Instrument :

BNA_F

ClientSampleId :

PB118325BS

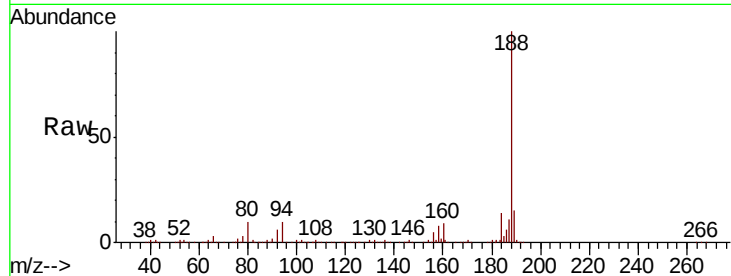
Tot Ion:188 Resp: 599965

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.6

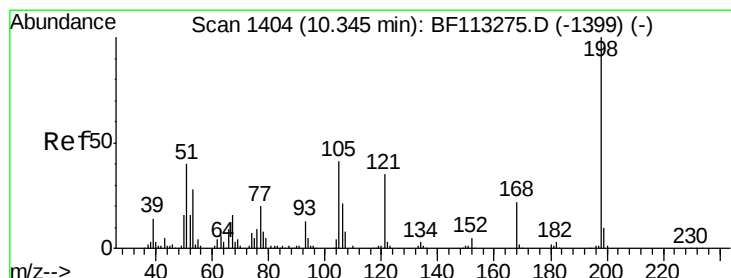
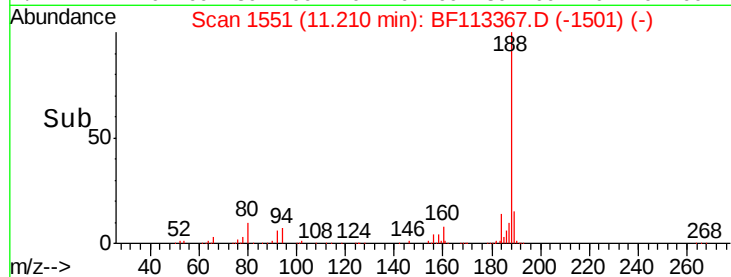
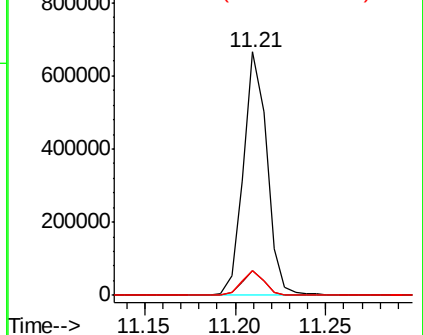
80 10.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 2.348 ng

RT: 10.35 min Scan# 1405

Delta R.T. 0.01 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

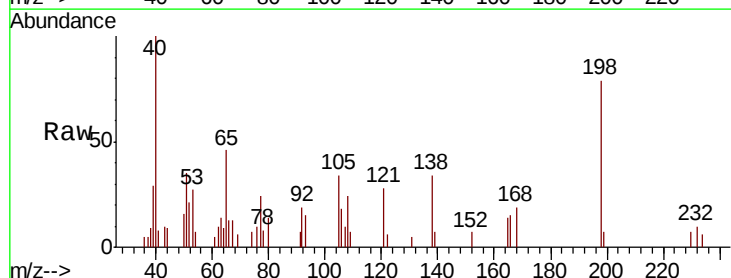
Tgt Ion:198 Resp: 7707

Ion Ratio Lower Upper

198 100

51 44.7 21.6 61.6

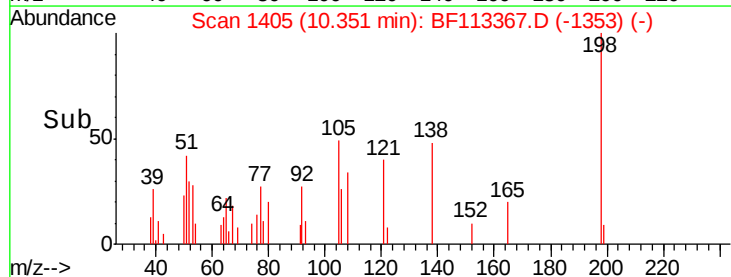
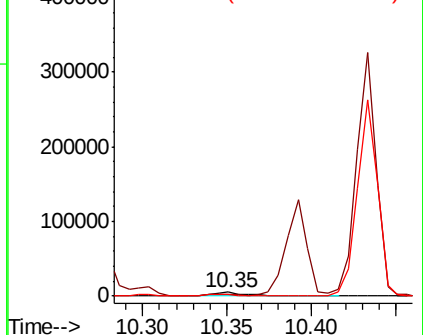
105 43.9 20.6 60.6

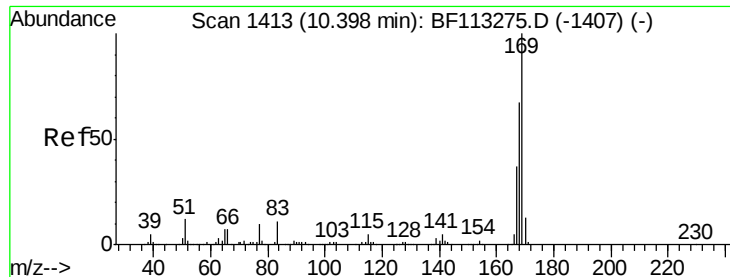


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

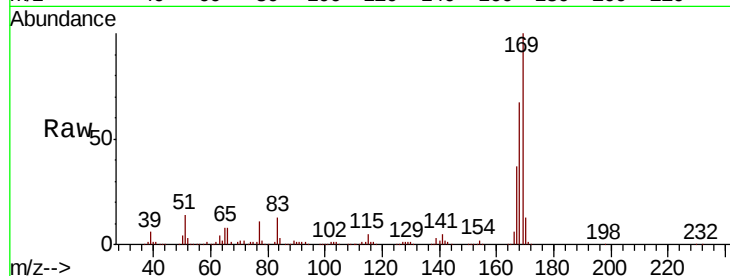




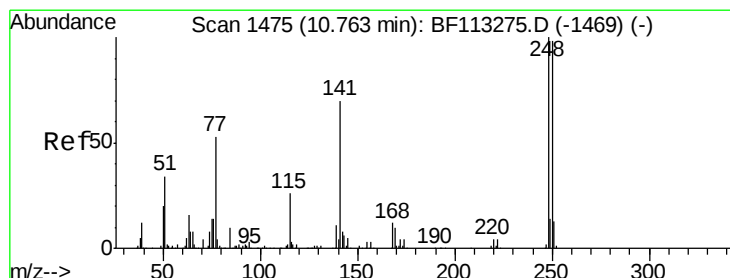
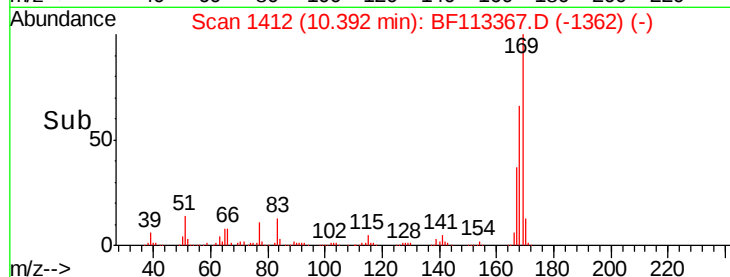
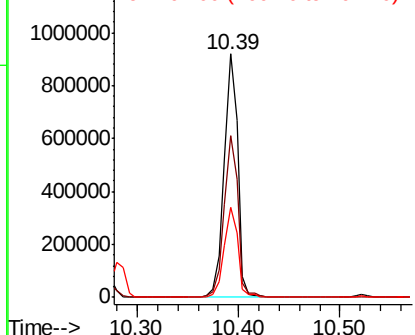
#66
 n-Nitrosodiphenylamine
 Concen: 46.361 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF113367.D
 Acq: 28 Mar 2019 10:10

Instrument :
 BNA_F
 ClientSampleId :
 PB118325BS

Tot Ion:169 Resp: 853518
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.7 80.5
 167 36.9 29.5 44.3

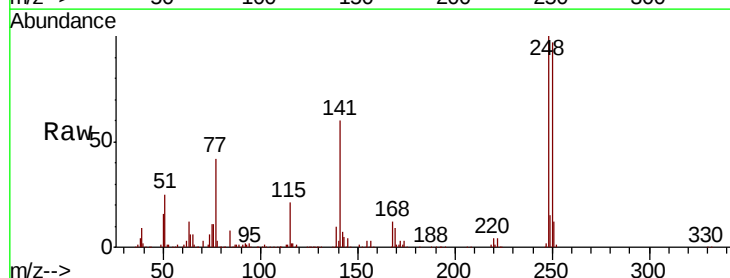


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

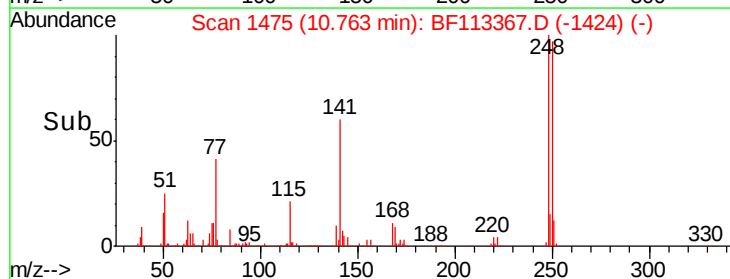
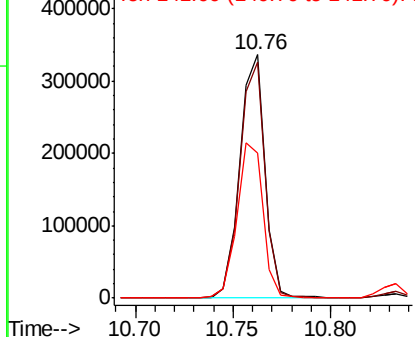


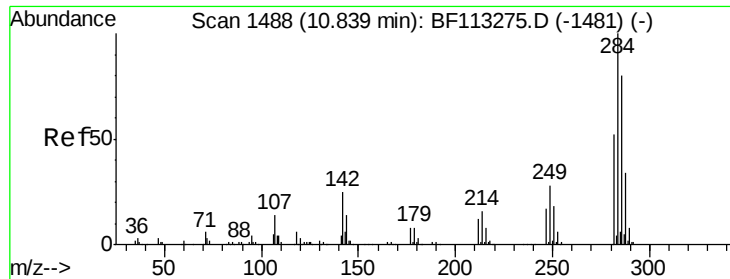
#67
 4-Bromophenyl-phenylether
 Concen: 46.155 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: BF113367.D
 Acq: 28 Mar 2019 10:10

Tgt Ion:248 Resp: 301811
 Ion Ratio Lower Upper
 248 100
 250 97.0 78.3 117.5
 141 59.7 56.2 84.4



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

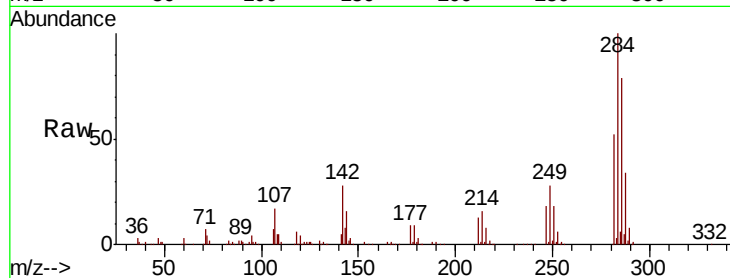




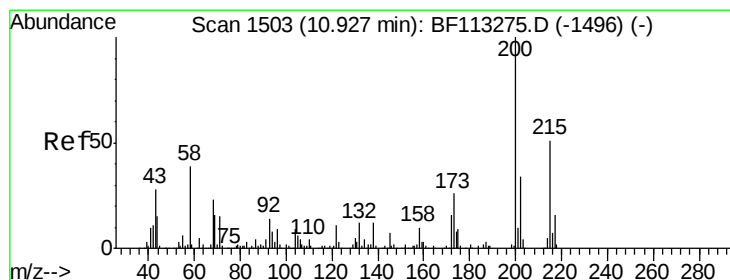
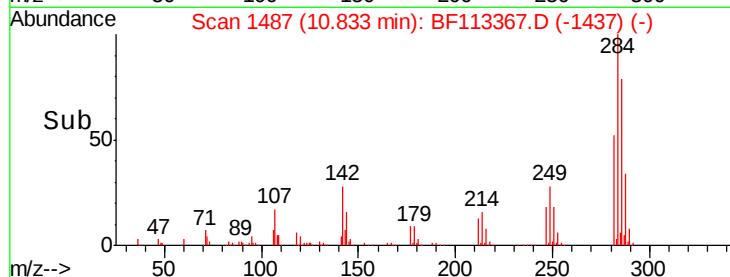
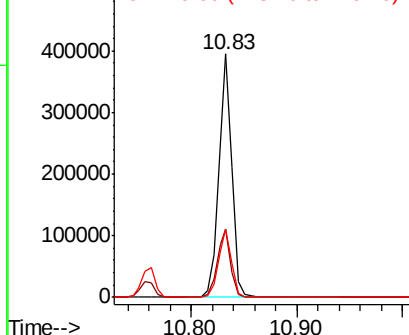
#68
Hexachlorobenzene
Concen: 45.602 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF113367.D
Acq: 28 Mar 2019 10:10

Instrument :
BNA_F
ClientSampleId :
PB118325BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	28.1	20.1	30.1
249	28.3	22.7	34.1

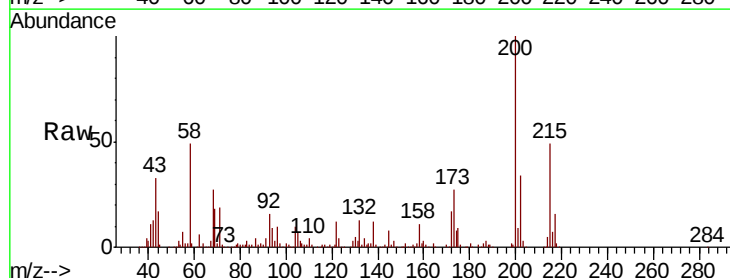


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

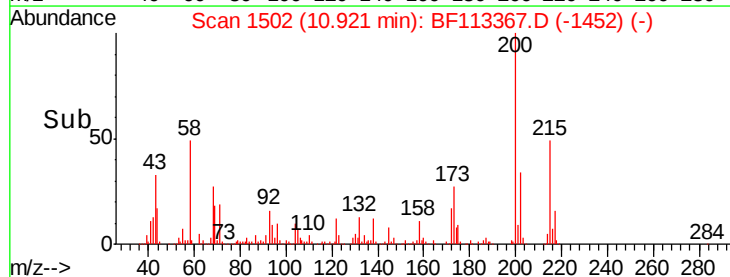
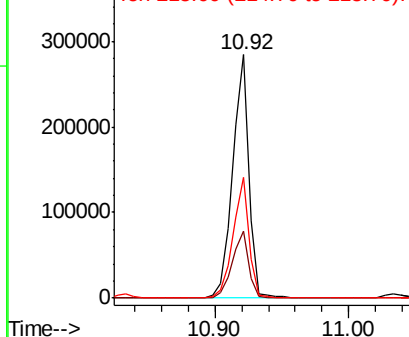


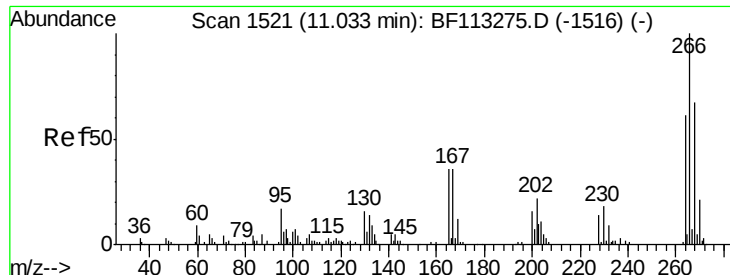
#69
Atrazine
Concen: 42.226 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF113367.D
Acq: 28 Mar 2019 10:10

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.5	6.0	46.0
215	49.3	31.3	71.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

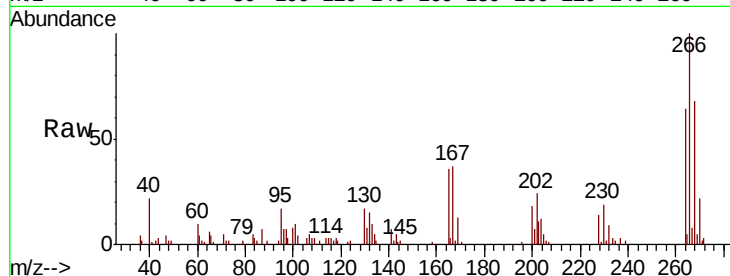




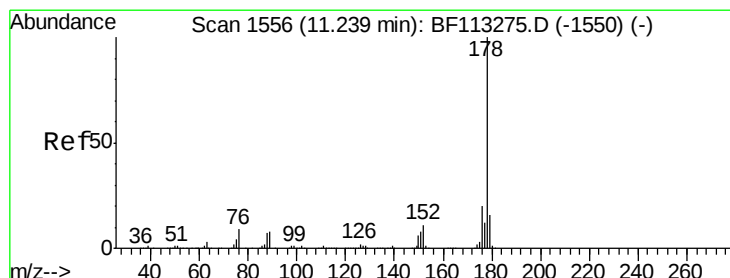
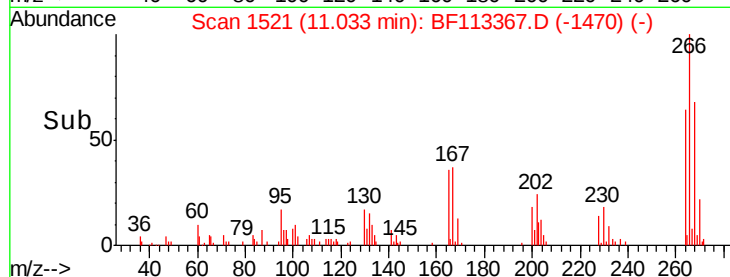
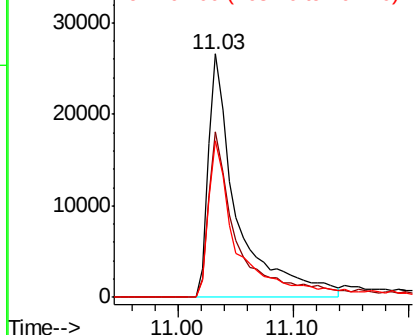
#70
 Pentachlorophenol
 Concen: 11.678 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.00 min
 Lab File: BF113367.D
 Acq: 28 Mar 2019 10:10

Instrument :
 BNA_F
 ClientSampleId :
 PB118325BS

Tot Ion:266 Resp: 46180
 Ion Ratio Lower Upper
 266 100
 268 67.9 53.8 80.6
 264 64.3 49.2 73.8

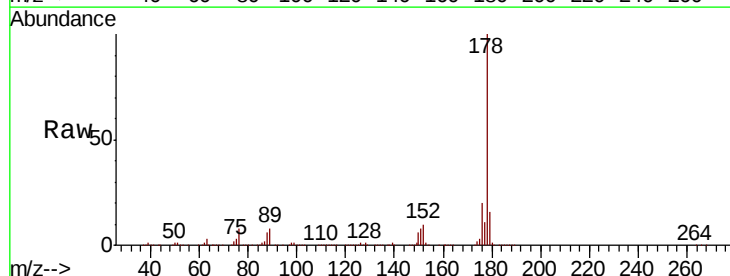


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

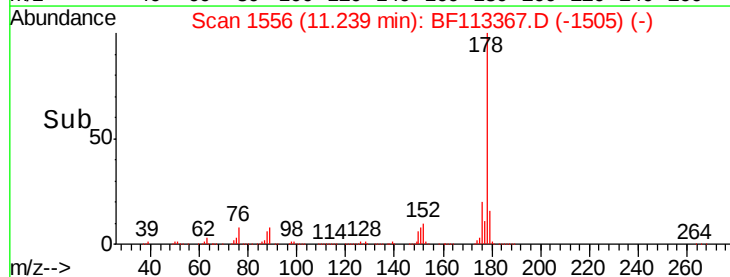
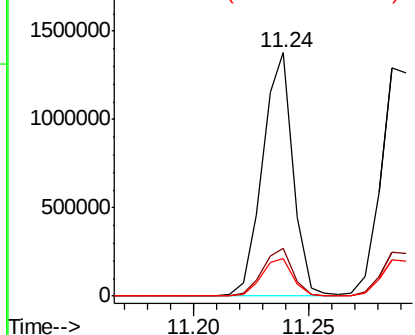


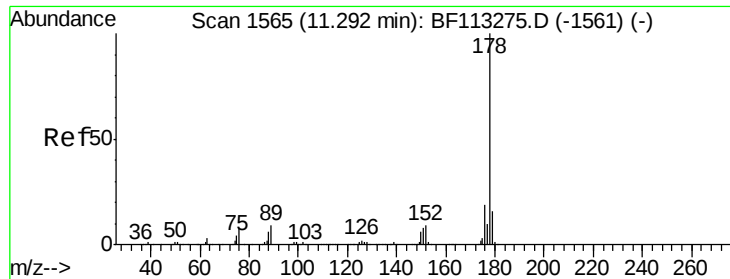
#71
 Phenanthrene
 Concen: 42.596 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: BF113367.D
 Acq: 28 Mar 2019 10:10

Tgt Ion:178 Resp: 1269110
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.2 24.2
 179 15.6 12.7 19.1



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: 42.959 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

Instrument :

BNA_F

ClientSampleId :

PB118325BS

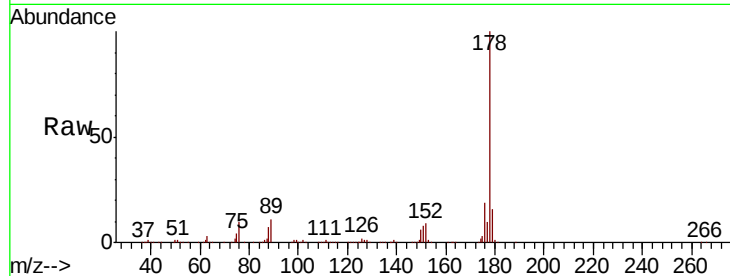
Tot Ion:178 Resp: 1300095

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

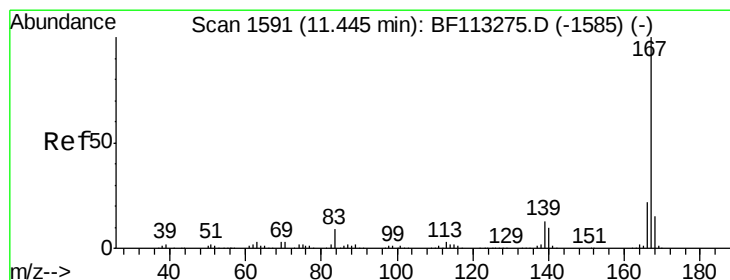
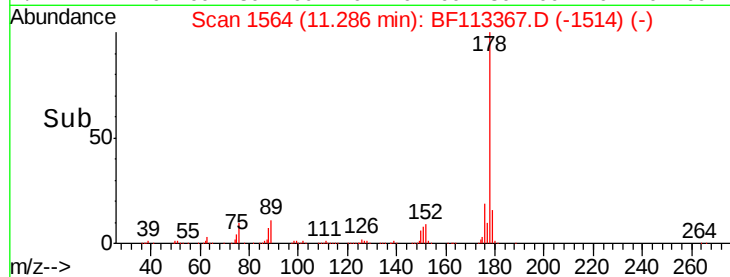
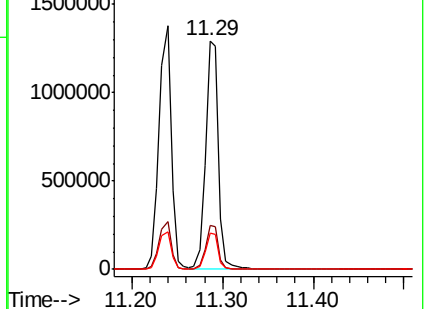
179 16.0 12.8 19.2



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: 41.363 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

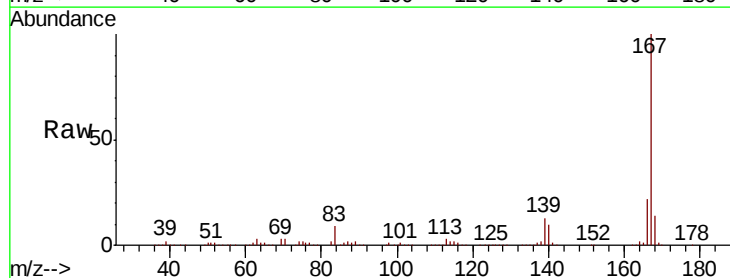
Tgt Ion:167 Resp: 1194460

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.0

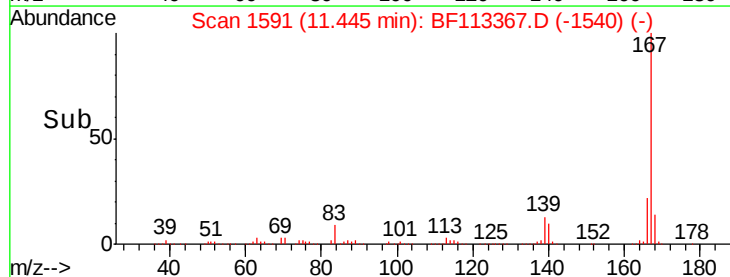
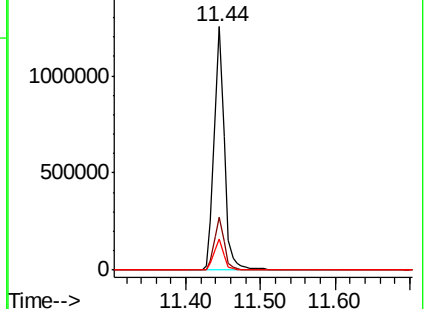
139 12.8 10.4 15.6

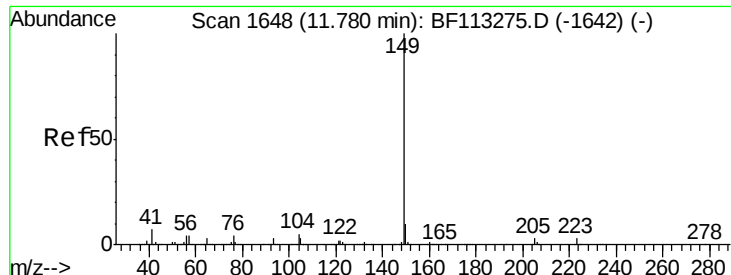


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 44.661 ng

RT: 11.77 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

Instrument :

BNA_F

ClientSampleId :

PB118325BS

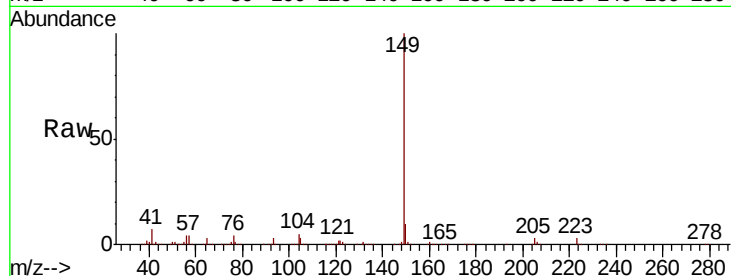
Tot Ion:149 Resp: 1495581

Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

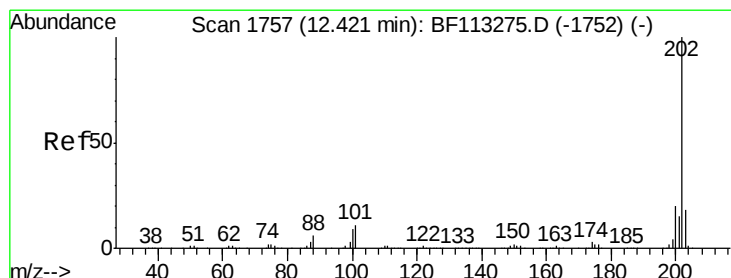
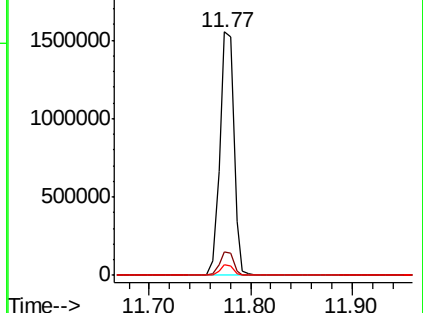
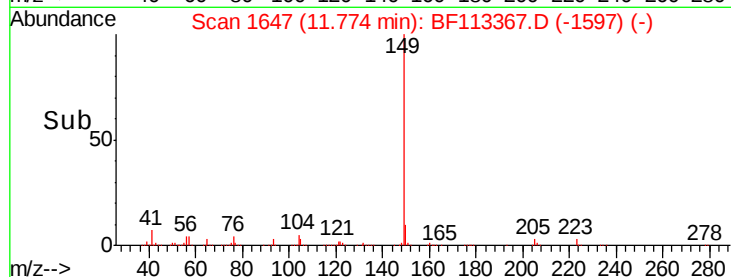
104 4.5 3.7 5.5



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: 38.622 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.00 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

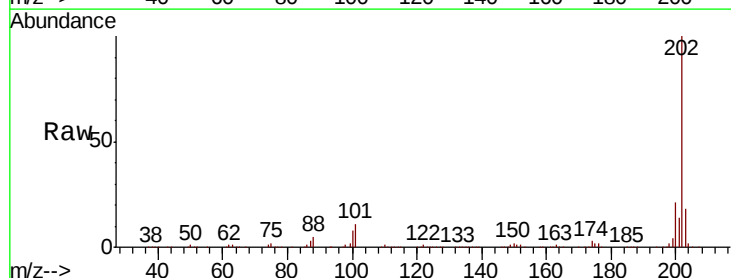
Tgt Ion:202 Resp: 1300874

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.4

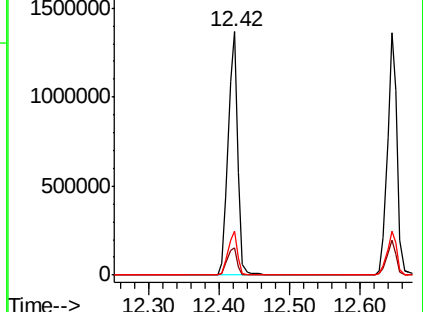
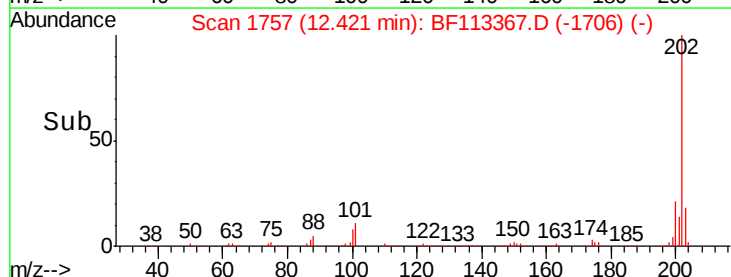
203 18.2 0.0 38.0

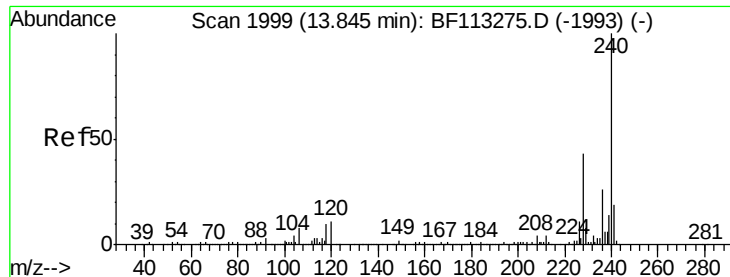


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

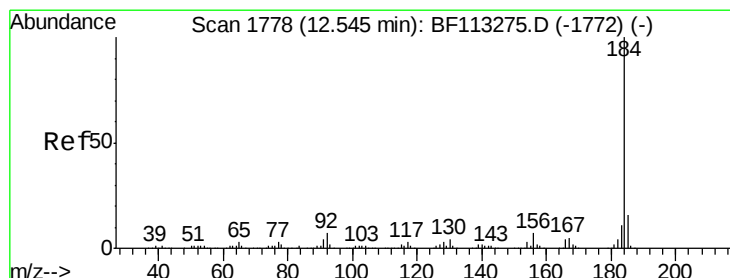
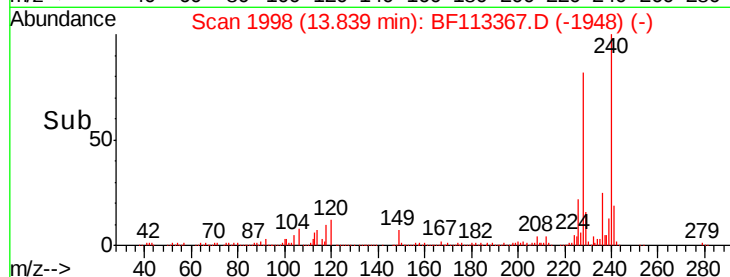
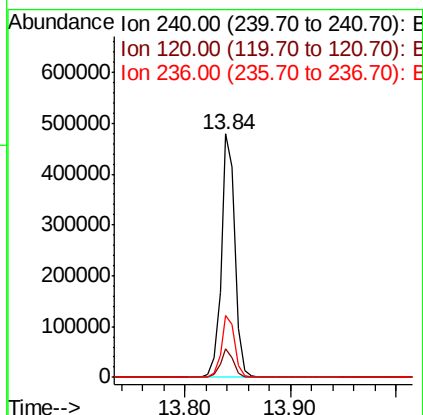
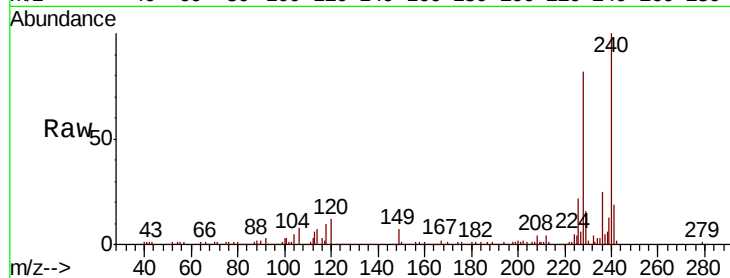




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF113367.D
 Acq: 28 Mar 2019 10:10

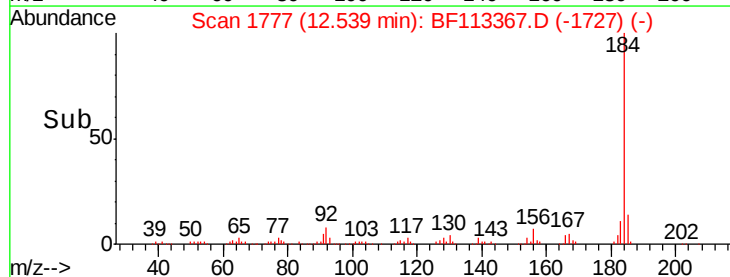
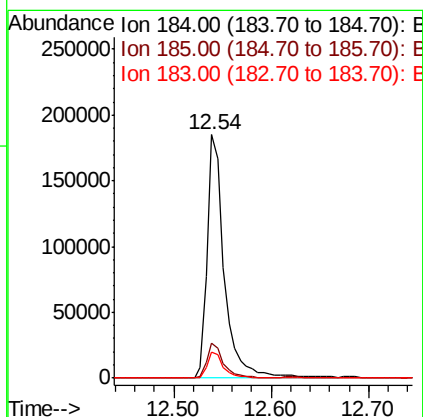
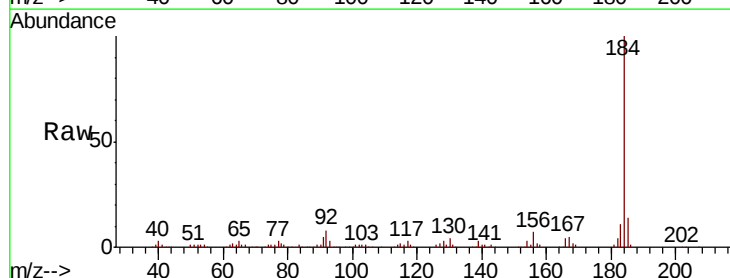
Instrument :
 BNA_F
 ClientSampleId :
 PB118325BS

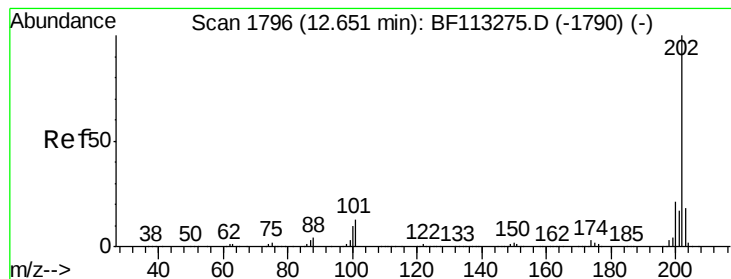
Tot Ion:240 Resp: 432835
 Ion Ratio Lower Upper
 240 100
 120 11.9 8.8 13.2
 236 25.3 20.9 31.3



#77
 Benzidine
 Concen: 13.701 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF113367.D
 Acq: 28 Mar 2019 10:10

Tgt Ion:184 Resp: 227101
 Ion Ratio Lower Upper
 184 100
 185 14.2 13.0 19.6
 183 10.7 9.0 13.4





#78

Pvrene

Concen: 43.315 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

Instrument :

BNA_F

ClientSampleId :

PB118325BS

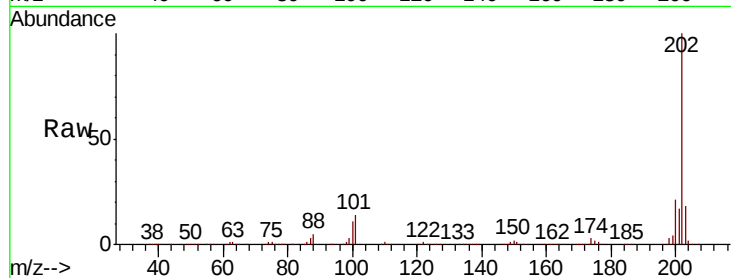
Tot Ion:202 Resp: 1299201

Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

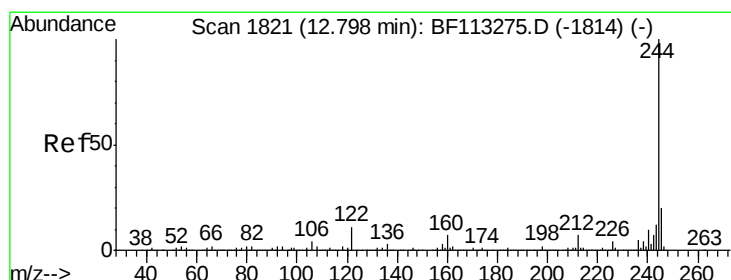
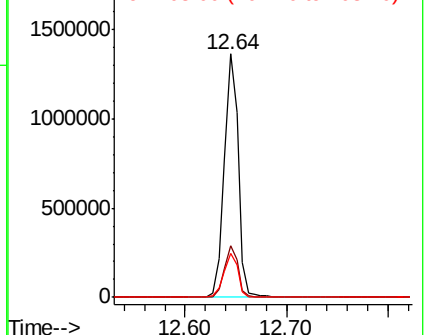
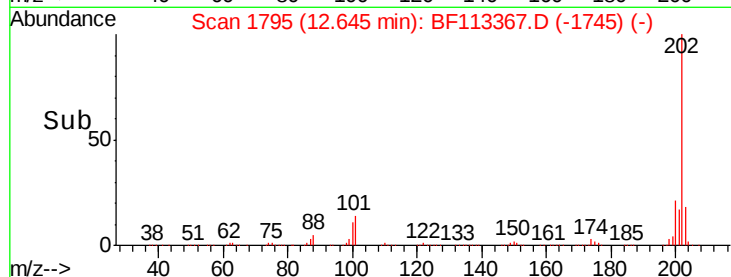
203 18.0 14.4 21.6



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: 88.558 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

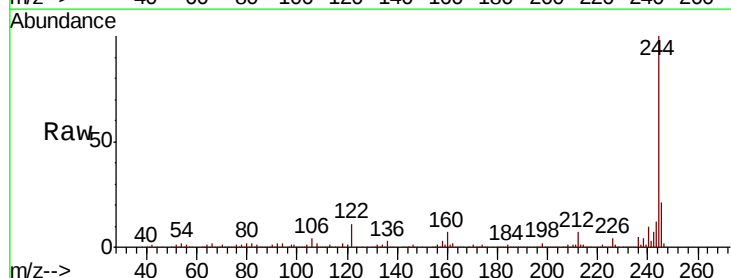
Tgt Ion:244 Resp: 1739021

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

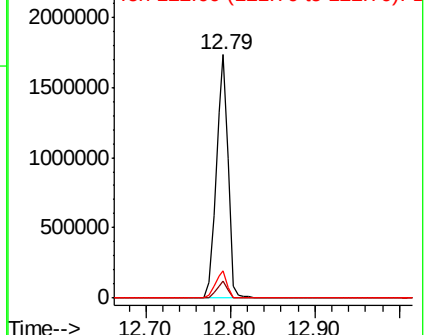
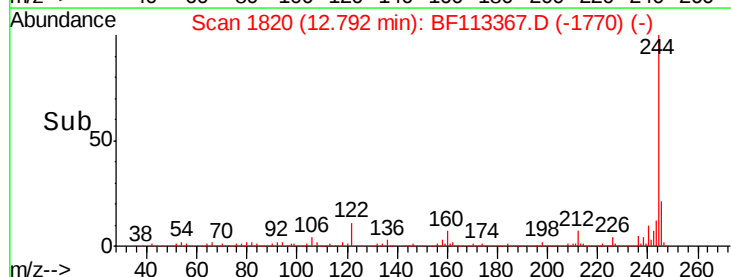
122 11.1 8.6 13.0

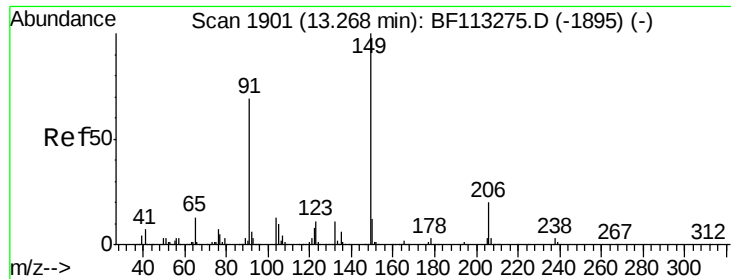


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

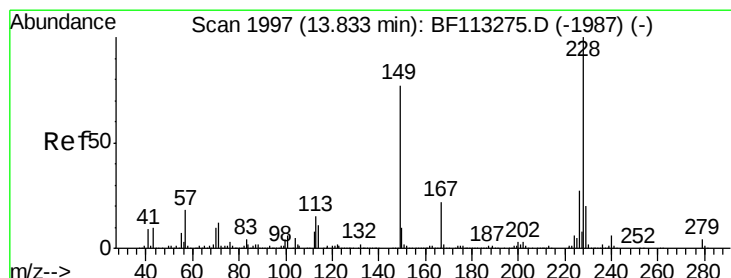
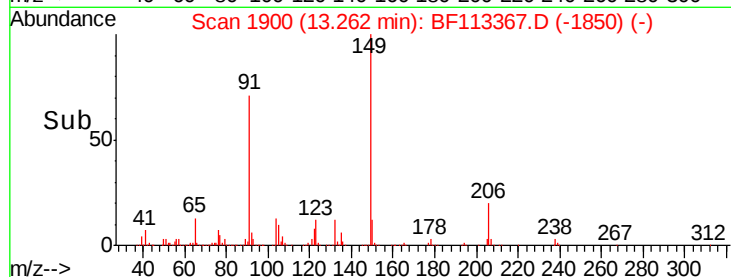
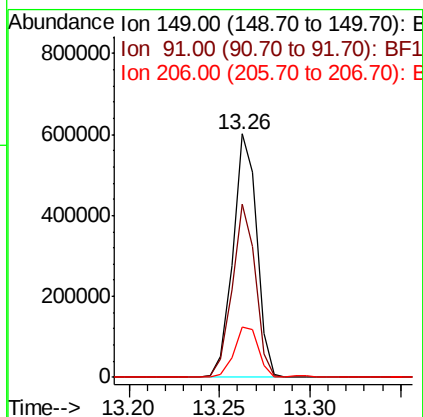
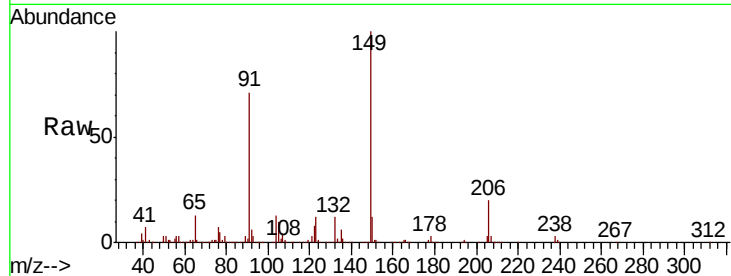




#80
Butylbenzylphthalate
Concen: 41.825 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BF113367.D
Acq: 28 Mar 2019 10:10

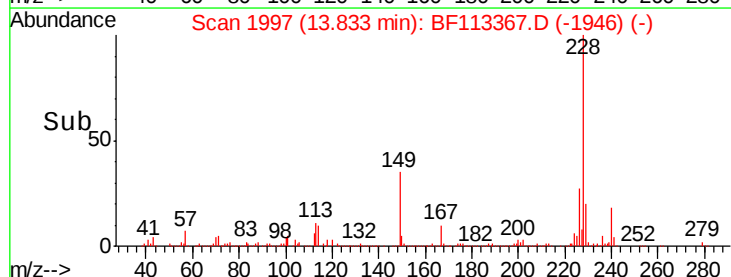
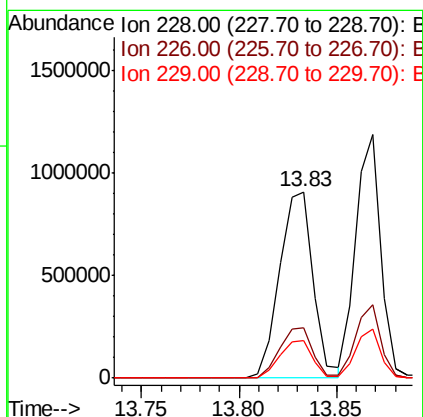
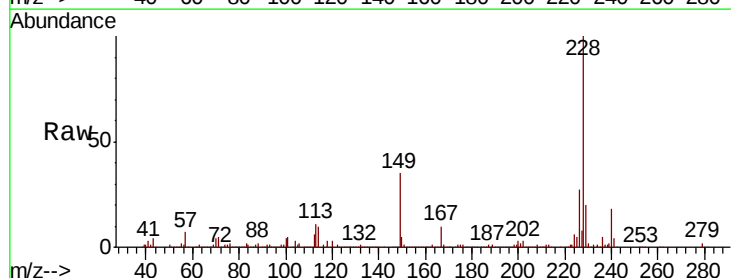
Instrument :
BNA_F
ClientSampleId :
PB118325BS

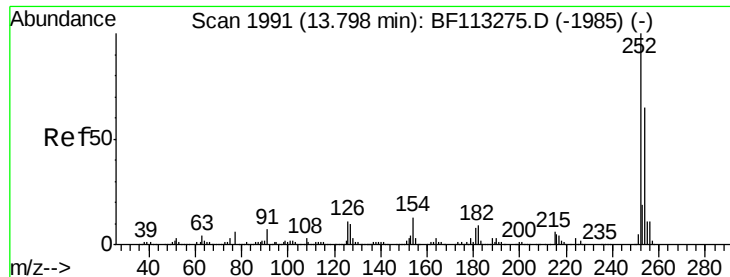
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.1	55.2	82.8
206	20.5	16.1	24.1



#81
Benzo(a)anthracene
Concen: 43.662 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BF113367.D
Acq: 28 Mar 2019 10:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.8
229	20.1	16.2	24.4

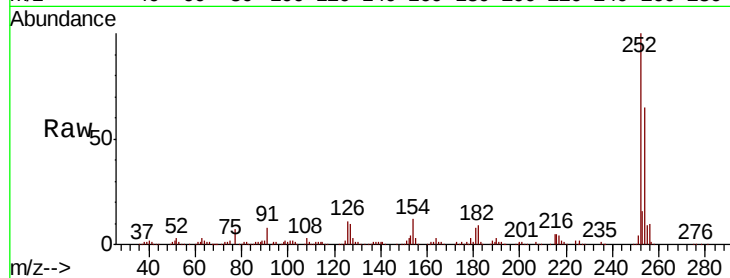




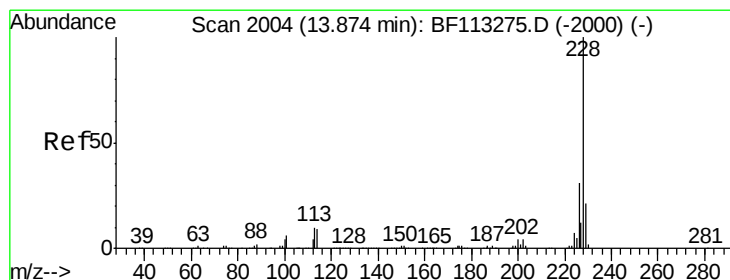
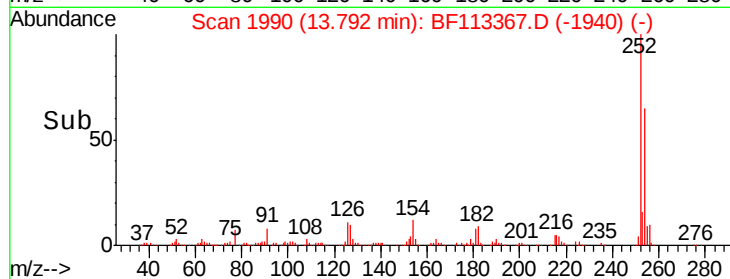
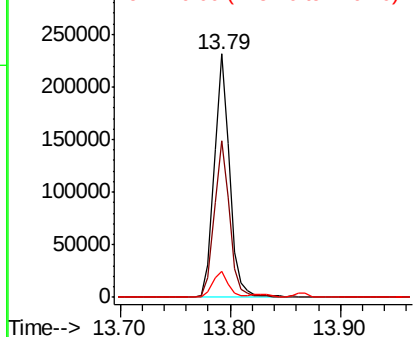
#82
 3,3'-Dichlorobenzidine
 Concen: 22.324 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF113367.D
 Acq: 28 Mar 2019 10:10

Instrument :
 BNA_F
 ClientSampleId :
 PB118325BS

Tot Ion:252 Resp: 221888
 Ion Ratio Lower Upper
 252 100
 254 64.5 52.2 78.2
 126 10.8 8.5 12.7

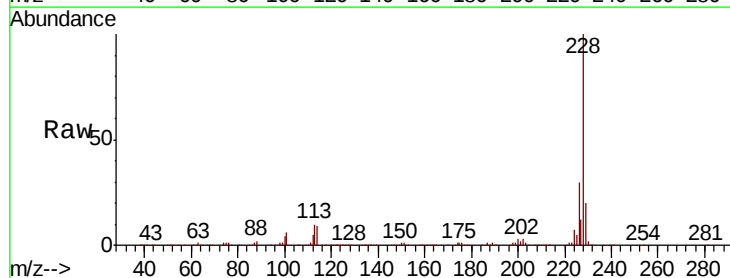


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

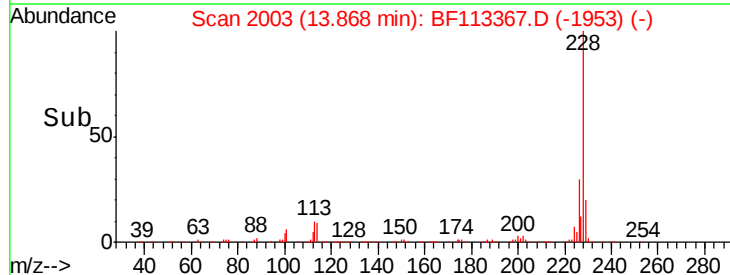
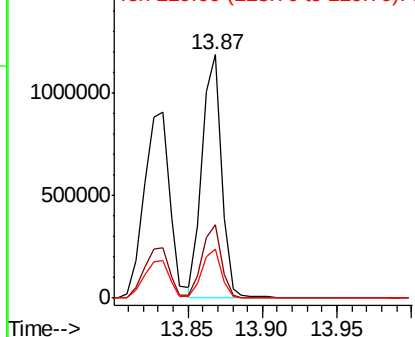


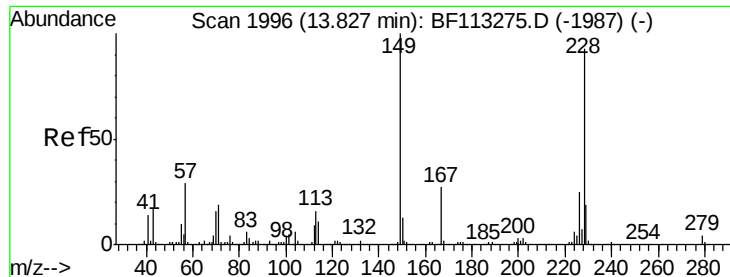
#83
 Chrysene
 Concen: 42.479 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF113367.D
 Acq: 28 Mar 2019 10:10

Tgt Ion:228 Resp: 1069025
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.3 36.5
 229 20.4 16.3 24.5



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 42.029 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

Instrument :

BNA_F

ClientSampleId :

PB118325BS

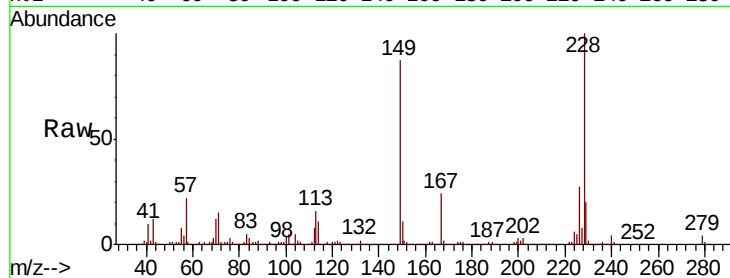
Tot Ion:149 Resp: 681069

Ion Ratio Lower Upper

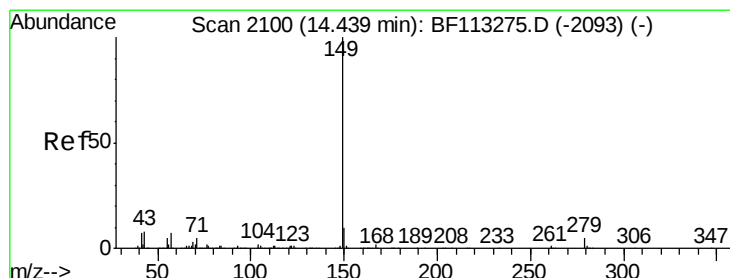
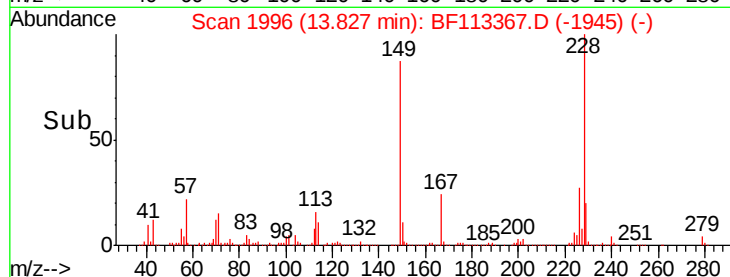
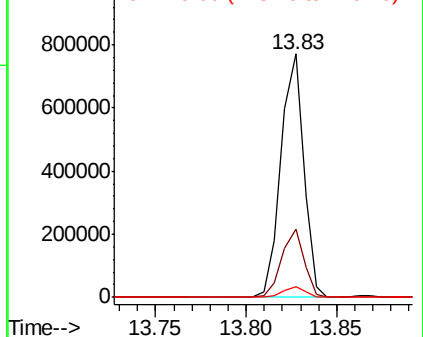
149 100

167 28.0 21.8 32.8

279 4.5 2.9 4.3#



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



#85

Di-n-octyl phthalate

Concen: 45.775 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

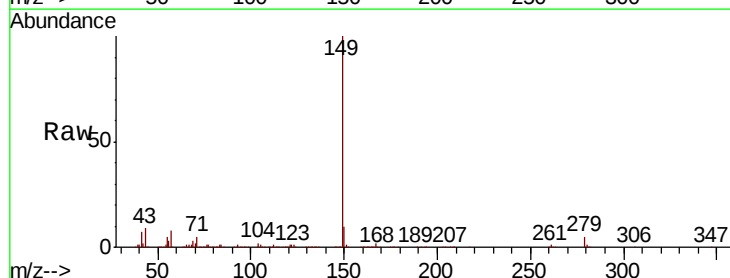
Tgt Ion:149 Resp: 1259101

Ion Ratio Lower Upper

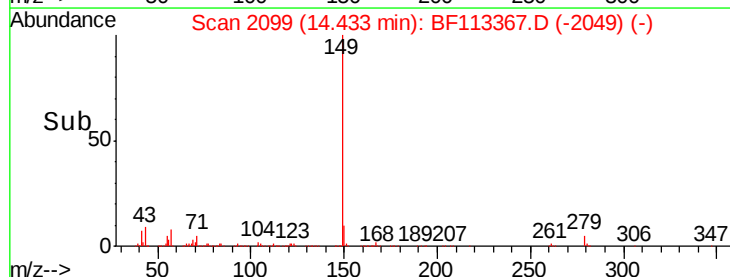
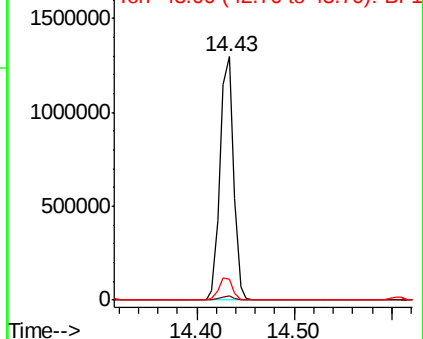
149 100

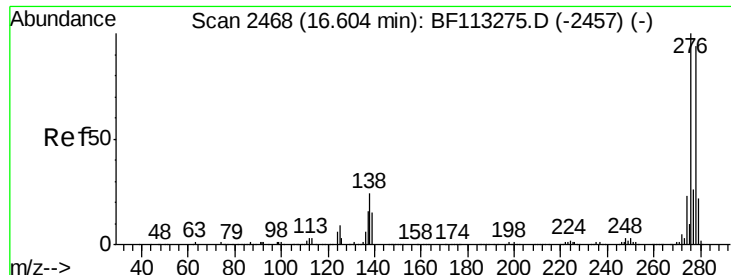
167 1.5 1.3 1.9

43 9.4 7.7 11.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

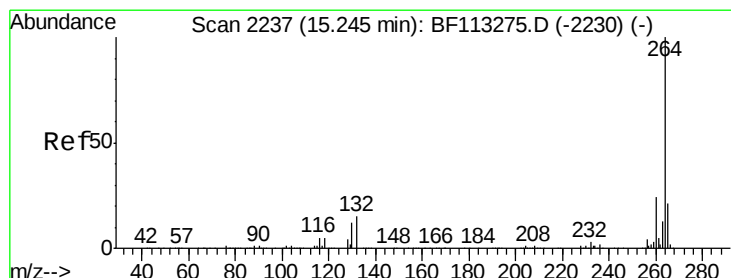
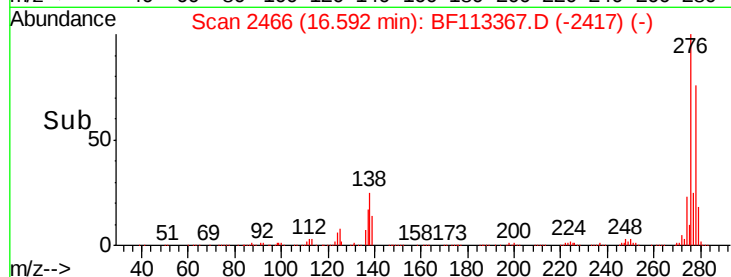
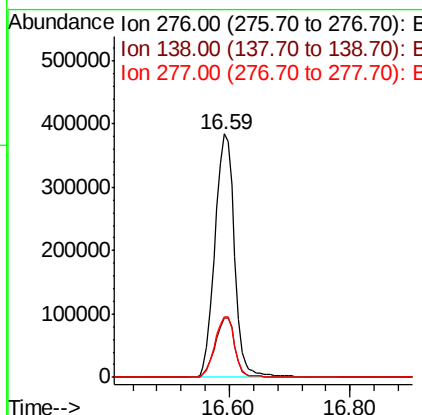
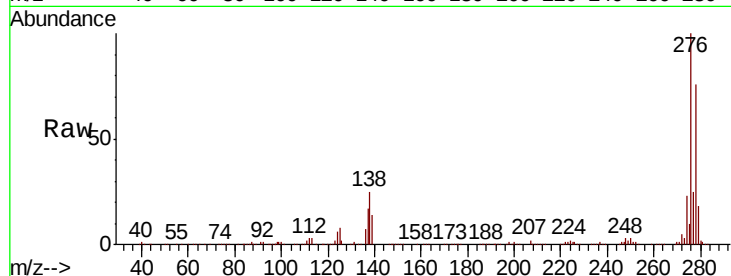




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 40.072 ng
 RT: 16.59 min Scan# 2466
 Delta R.T. -0.01 min
 Lab File: BF113367.D
 Acq: 28 Mar 2019 10:10

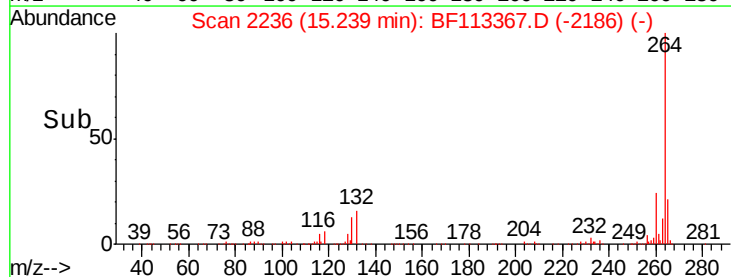
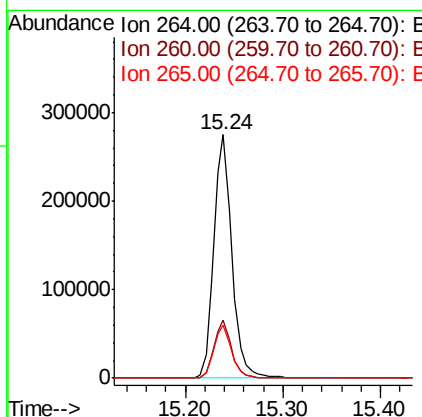
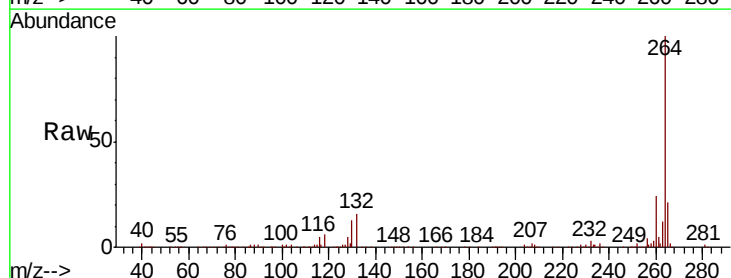
Instrument :
 BNA_F
 ClientSampleId :
 PB118325BS

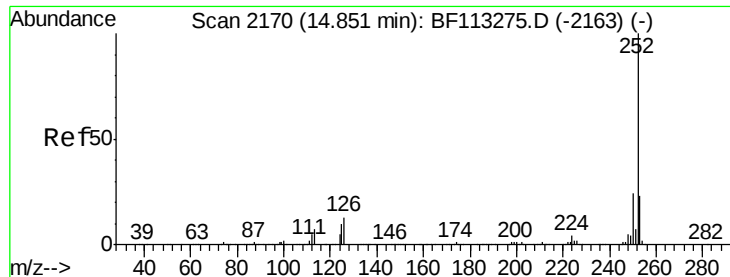
Tot Ion:276 Resp: 865477
 Ion Ratio Lower Upper
 276 100
 138 24.4 18.1 27.1
 277 25.3 20.2 30.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF113367.D
 Acq: 28 Mar 2019 10:10

Tgt Ion:264 Resp: 352581
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 21.5 17.1 25.7

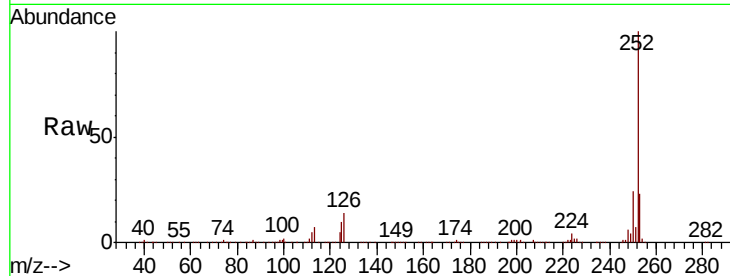




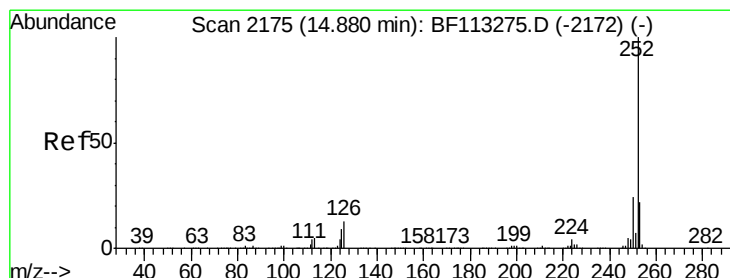
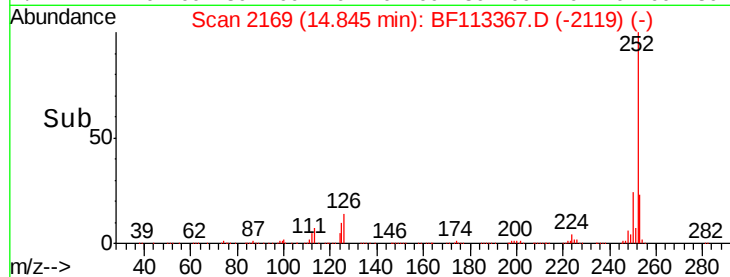
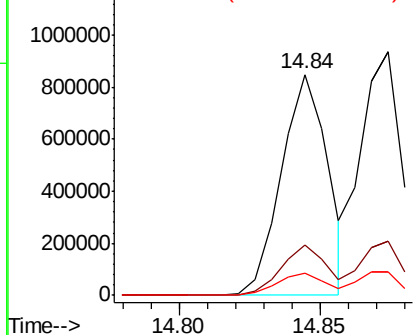
#88
Benzo(b)fluoranthene
Concen: 44.123 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113367.D
Acq: 28 Mar 2019 10:10

Instrument :
BNA_F
ClientSampleId :
PB118325BS

Tot Ion:252 Resp: 966394
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 10.3 7.6 11.4

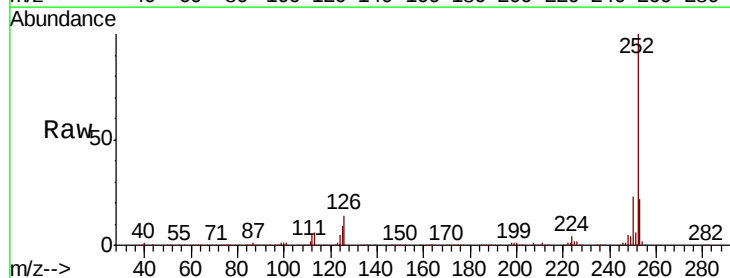


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

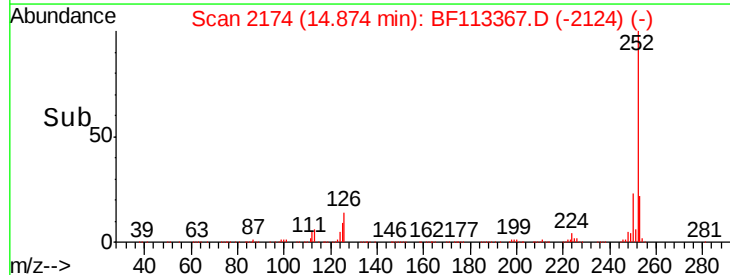
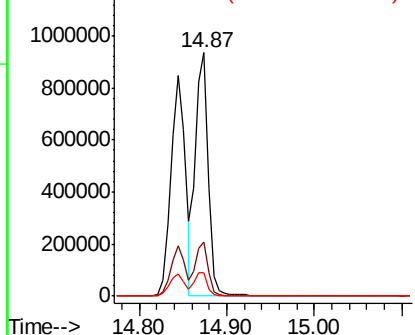


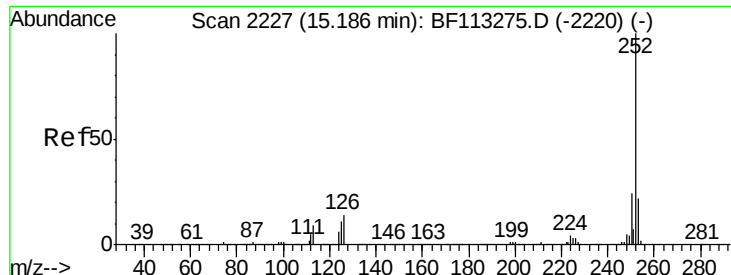
#89
Benzo(k)fluoranthene
Concen: 50.361 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113367.D
Acq: 28 Mar 2019 10:10

Tgt Ion:252 Resp: 968646
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.4 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

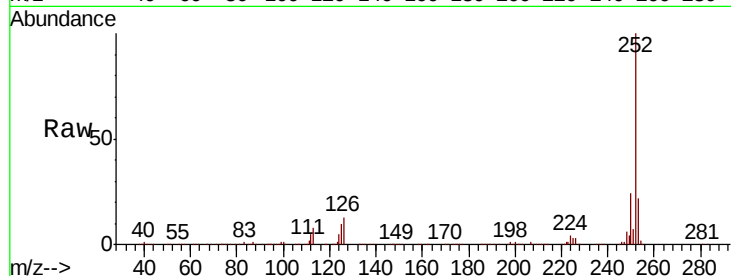




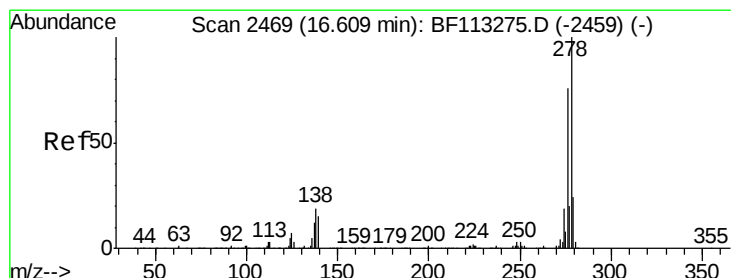
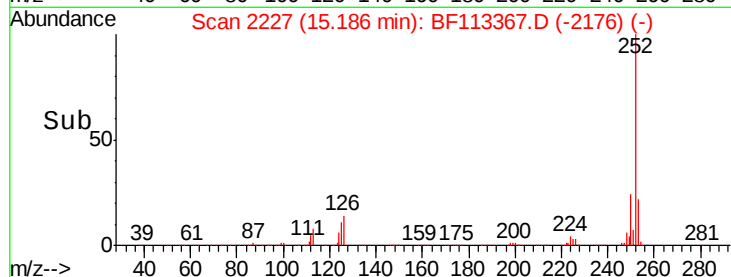
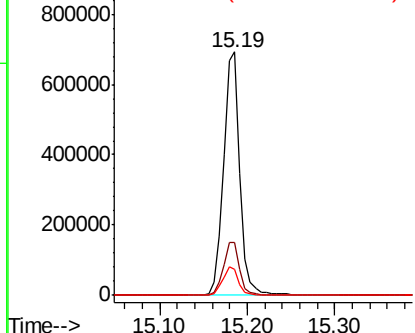
#90
Benzo(a)pyrene
Concen: 45.827 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BF113367.D
Acq: 28 Mar 2019 10:10

Instrument :
BNA_F
ClientSampleId :
PB118325BS

Tot Ion:252 Resp: 889840
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 10.5 8.8 13.2

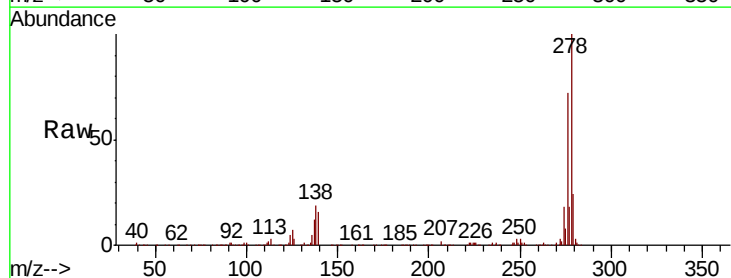


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

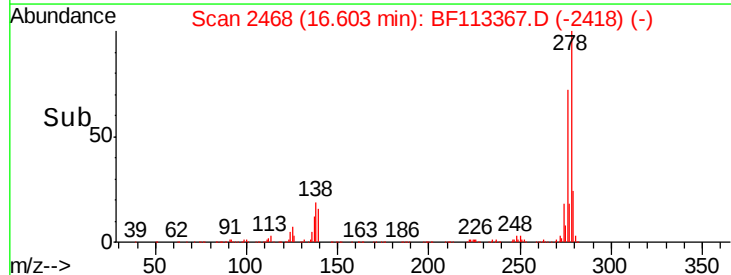
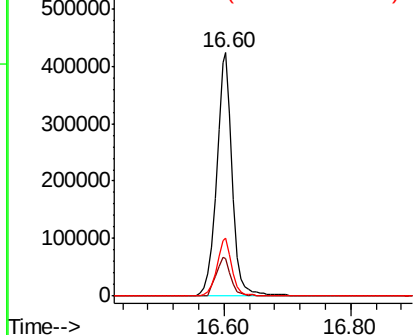


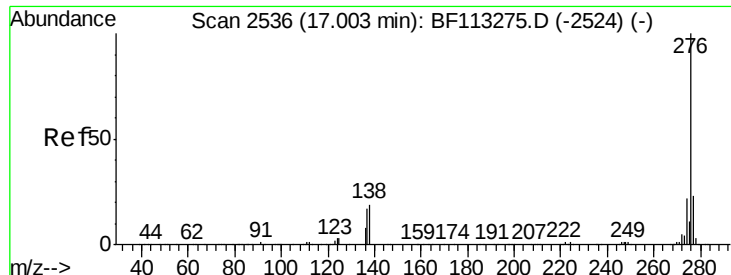
#91
Dibenzo(a,h)anthracene
Concen: 44.068 ng
RT: 16.60 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BF113367.D
Acq: 28 Mar 2019 10:10

Tgt Ion:278 Resp: 739864
Ion Ratio Lower Upper
278 100
139 15.6 12.0 18.0
279 23.8 19.0 28.6



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(a,h,i)perylene

Concen: 43.115 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF113367.D

Acq: 28 Mar 2019 10:10

Instrument :

BNA_F

ClientSampleId :

PB118325BS

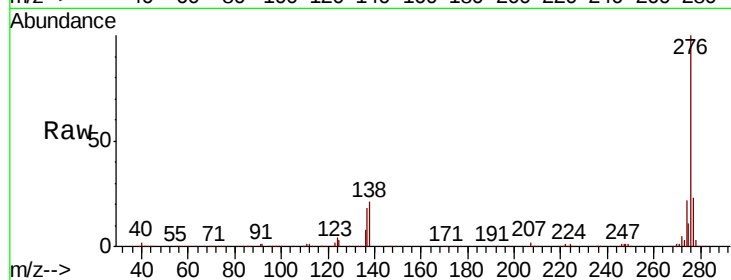
Tot Ion: 276 Resp: 729872

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 21.0 15.6 23.4



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

