

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
 Data File : BF112882.D
 Acq On : 6 Mar 2019 13:50
 Operator : JU/SJ
 Sample : PB117655BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB117655BS

Quant Time: Mar 06 14:55:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	199244	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	782470	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	387764	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	759746	20.00	ng	0.00
76) Chrysene-d12	13.87	240	482484	20.00	ng	0.00
87) Perylene-d12	15.27	264	431685	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1343094	104.86	ng	0.02
7) Phenol-d6	6.38	99	1728100	107.40	ng	0.01
23) Nitrobenzene-d5	7.30	82	1021313	78.10	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	549810	133.56	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1875168	78.53	ng	0.00
79) Terphenyl-d14	12.83	244	1898874	76.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	214804	33.456	ng	98
3) Pyridine	3.25	79	516389	30.062	ng	99
4) n-Nitrosodimethylamine	3.17	42	249747	33.237	ng	98
6) Aniline	6.40	93	553309	24.983	ng	93
8) 2-Chlorophenol	6.52	128	514579	36.090	ng	98
9) Benzaldehyde	6.27	77	336908	29.060	ng	97
10) Phenol	6.39	94	624436	33.258	ng	82
11) bis(2-Chloroethyl)ether	6.47	93	497640	34.531	ng	96
12) 1,3-Dichlorobenzene	6.67	146	551684	37.455	ng	99
13) 1,4-Dichlorobenzene	6.75	146	557826	37.764	ng	98
14) 1,2-Dichlorobenzene	6.90	146	523045	38.627	ng	99
15) Benzyl Alcohol	6.87	79	462791	37.720	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	827885	34.423	ng	98
17) 2-Methylphenol	7.00	107	439535	37.999	ng	97
18) Hexachloroethane	7.25	117	212102	37.485	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	362089	35.533	ng	98
20) 3+4-Methylphenols	7.15	107	509398	39.007	ng	95
22) Acetophenone	7.15	105	709256	38.765	ng	# 99
24) Nitrobenzene	7.32	77	564841	38.810	ng	98
25) Isophorone	7.56	82	1054453	37.430	ng	99
26) 2-Nitrophenol	7.63	139	287460	47.447	ng	99
27) 2,4-Dimethylphenol	7.67	122	481275	42.699	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	653028	37.076	ng	99
29) 2,4-Dichlorophenol	7.87	162	456959	41.806	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	496093	42.240	ng	99
31) Naphthalene	8.04	128	1520604	39.143	ng	100
32) Benzoic acid	7.82	122	379818	48.079	ng	94
33) 4-Chloroaniline	8.08	127	343442	20.873	ng	97
34) Hexachlorobutadiene	8.16	225	285347	43.081	ng	99
35) Caprolactam	8.46	113	74910	19.458	ng	98
36) 4-Chloro-3-methylphenol	8.57	107	477131	39.444	ng	97
37) 2-Methylnaphthalene	8.73	142	1034136	41.221	ng	99
38) 1-Methylnaphthalene	8.83	142	973039	40.040	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	447901	39.611	ng	99

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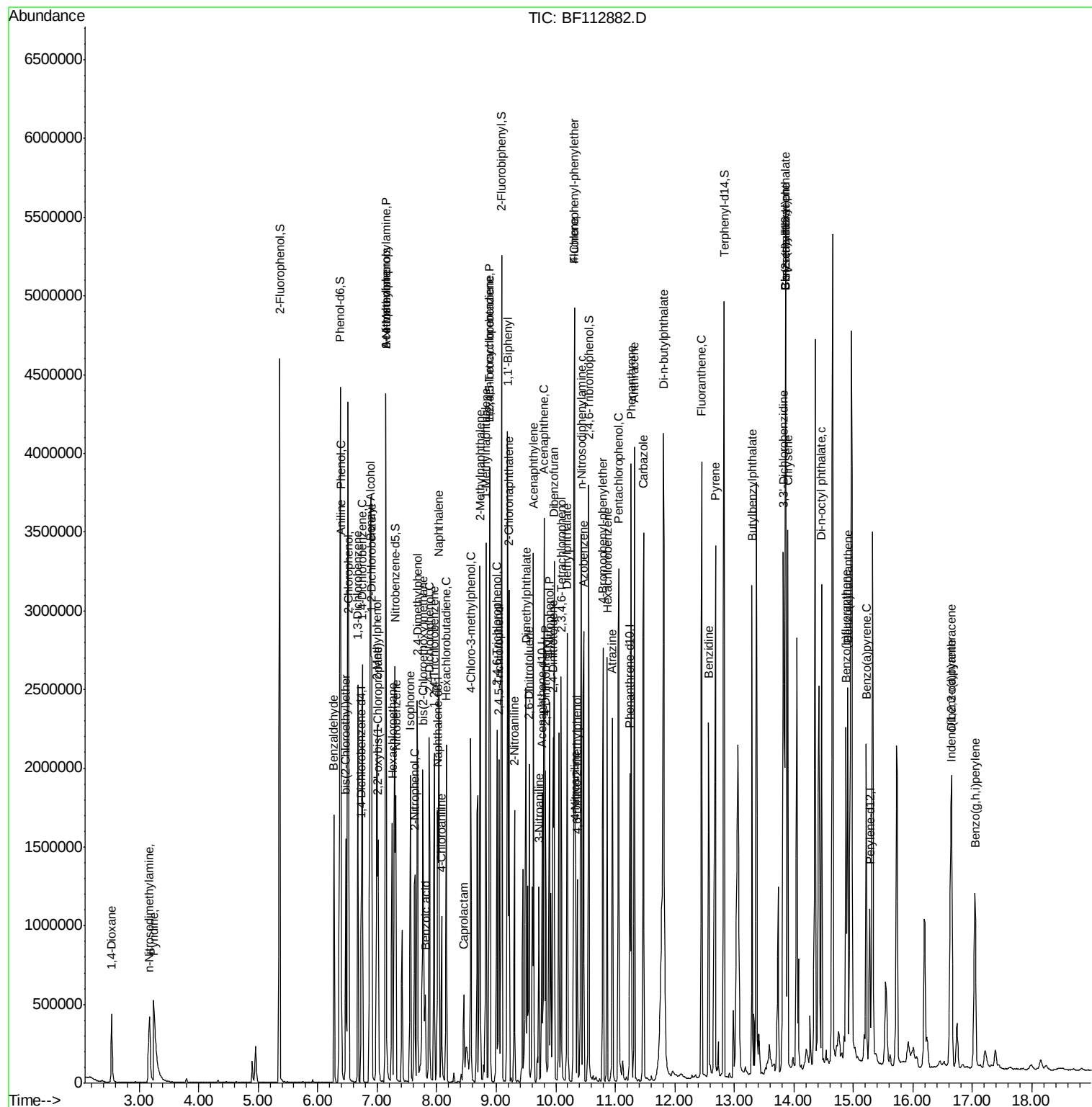
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	610278	98.558	ng	98
43) 2,4,6-Trichlorophenol	9.01	196	342828	44.053	ng	99
44) 2,4,5-Trichlorophenol	9.05	196	349633	41.565	ng	95
46) 1,1'-Biphenyl	9.19	154	1242661	39.290	ng	99
47) 2-Chloronaphthalene	9.22	162	958902	38.828	ng	99
48) 2-Nitroaniline	9.31	65	304786	40.602	ng	94
49) Acenaphthylene	9.63	152	1545873	36.871	ng	100
50) Dimethylphthalate	9.50	163	1129496	39.504	ng	99
51) 2,6-Dinitrotoluene	9.55	165	250226	42.027	ng	90
52) Acenaphthene	9.80	154	894178	36.470	ng	99
53) 3-Nitroaniline	9.72	138	190786	26.297	ng	97
54) 2,4-Dinitrophenol	9.83	184	267138	107.293	ng	# 88
55) Dibenzofuran	9.97	168	1359455	38.150	ng	98
56) 4-Nitrophenol	9.89	139	447525	75.900	ng	94
57) 2,4-Dinitrotoluene	9.96	165	332315	44.902	ng	87
58) Fluorene	10.32	166	979424	38.725	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.09	232	308098	43.963	ng	96
60) Diethylphthalate	10.19	149	1146723	37.974	ng	100
61) 4-Chlorophenyl-phenylether	10.30	204	497376	42.267	ng	97
62) 4-Nitroaniline	10.33	138	274936	41.011	ng	95
63) Azobenzene	10.47	77	1080871	34.946	ng	94
65) 4,6-Dinitro-2-methylphenol	10.36	198	161478	51.369	ng	86
66) n-Nitrosodiphenylamine	10.43	169	933681	38.319	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	333094	41.624	ng	96
68) Hexachlorobenzene	10.86	284	379474	42.067	ng	95
69) Atrazine	10.96	200	302336	40.514	ng	97
70) Pentachlorophenol	11.06	266	427665	80.549	ng	99
71) Phenanthrene	11.27	178	1475675	39.039	ng	100
72) Anthracene	11.32	178	1517870	38.360	ng	100
73) Carbazole	11.47	167	1397608	36.208	ng	100
74) Di-n-butylphthalate	11.81	149	1656298	35.786	ng	99
75) Fluoranthene	12.45	202	1544470	38.136	ng	98
77) Benzidine	12.57	184	818145	32.684	ng	99
78) Pyrene	12.68	202	1549856	38.104	ng	99
80) Butylbenzylphthalate	13.30	149	718280	40.007	ng	96
81) Benzo(a)anthracene	13.86	228	1129526	33.778	ng	100
82) 3,3'-Dichlorobenzidine	13.82	252	277232	21.921	ng	99
83) Chrysene	13.90	228	1195094	36.486	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	835426	39.671	ng	99
85) Di-n-octyl phthalate	14.47	149	1417607	39.202	ng	97
86) Indeno(1,2,3-cd)pyrene	16.63	276	1091547	39.089	ng	95
88) Benzo(b)fluoranthene	14.87	252	1155508	41.383	ng	98
89) Benzo(k)fluoranthene	14.90	252	949631	37.546	ng	98
90) Benzo(a)pyrene	15.22	252	998961	40.447	ng	98
91) Dibenzo(a,h)anthracene	16.65	278	909345	43.148	ng	98
92) Benzo(g,h,i)perylene	17.04	276	930761	43.982	ng	95

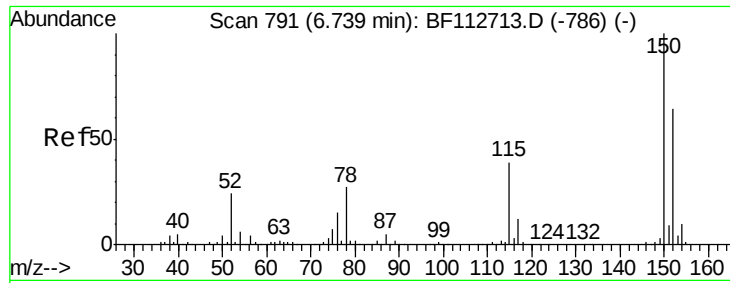
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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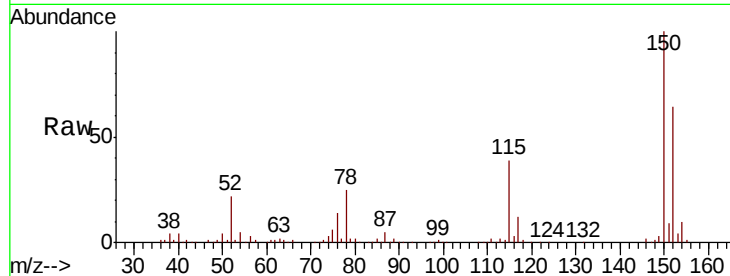


#1

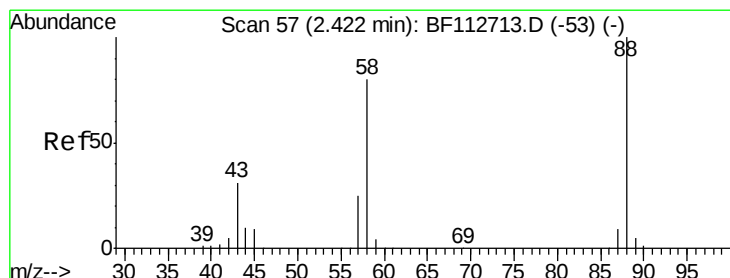
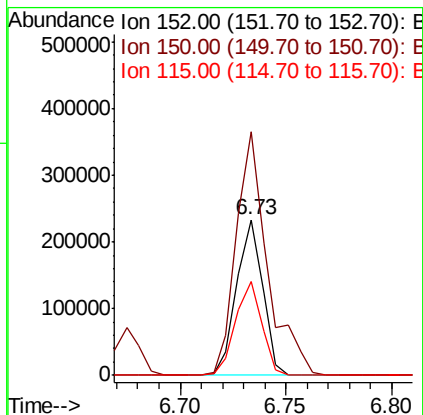
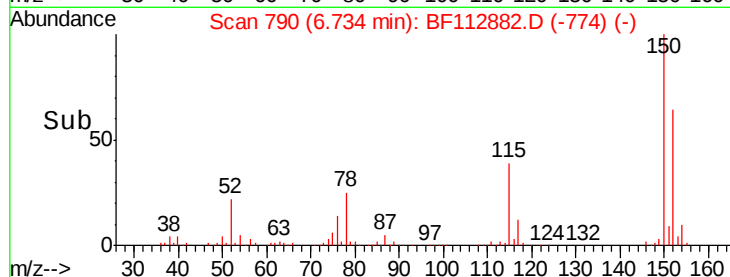
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_E
ClientSampleId :
PB117655BS

Tot Ion:152 Resp: 199244
Ion Ratio Lower Upper
152 100
150 156.6 124.2 186.2
115 60.4 48.2 72.4



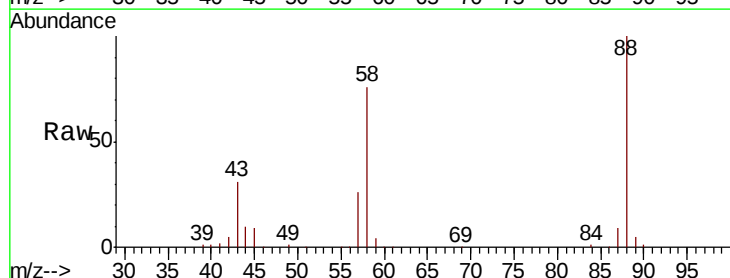
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



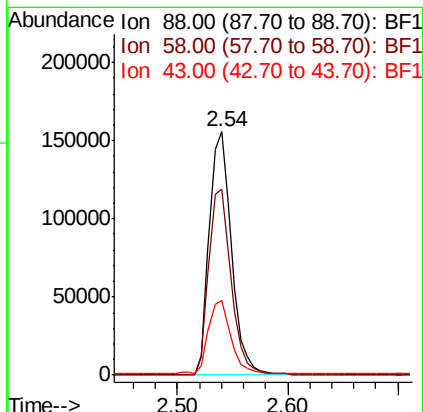
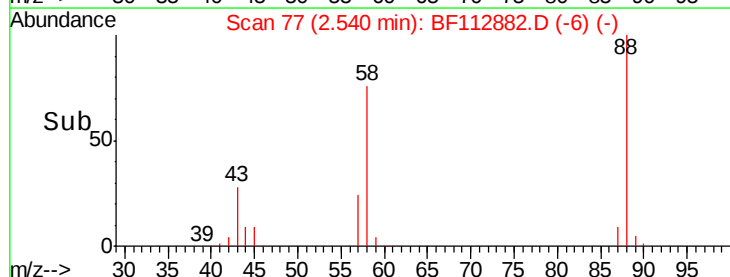
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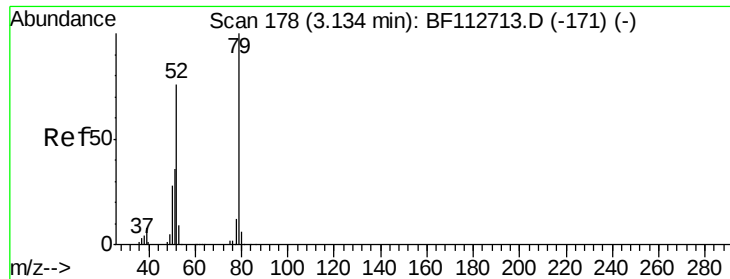
1,4-Dioxane
Concen: 33.456 ng
RT: 2.54 min Scan# 77
Delta R.T. 0.12 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion: 88 Resp: 214804
Ion Ratio Lower Upper
88 100
58 77.1 63.1 94.7
43 30.5 24.3 36.5



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: 30.062 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.11 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Instrument :

BNA_E

ClientSampleId :

PB117655BS

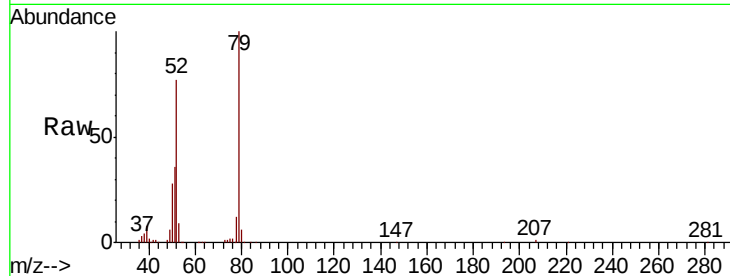
Tot Ion: 79 Resp: 516389

Ion Ratio Lower Upper

79 100

52 76.8 60.5 90.7

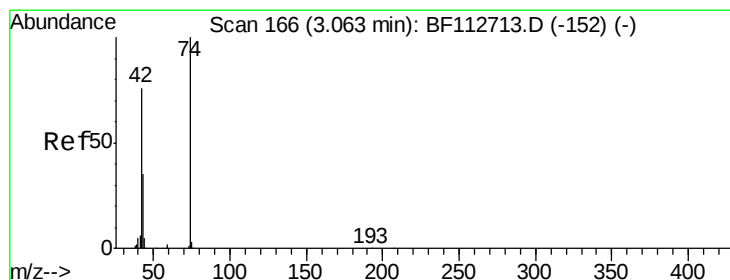
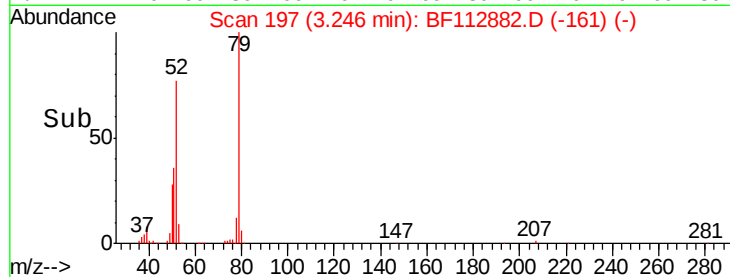
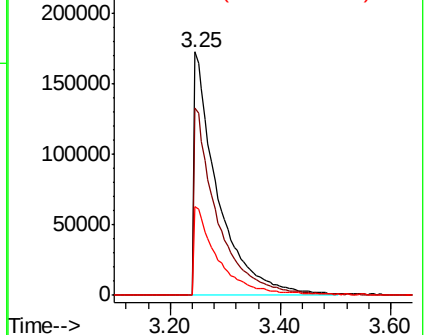
51 36.5 28.8 43.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 33.237 ng

RT: 3.17 min Scan# 185

Delta R.T. 0.11 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

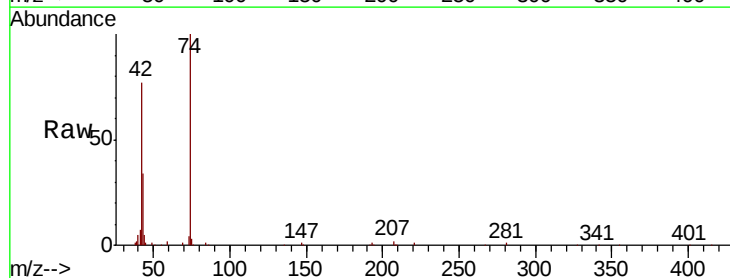
Tgt Ion: 42 Resp: 249747

Ion Ratio Lower Upper

42 100

74 130.5 105.8 158.8

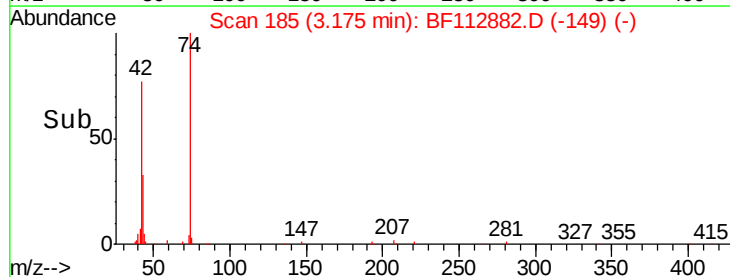
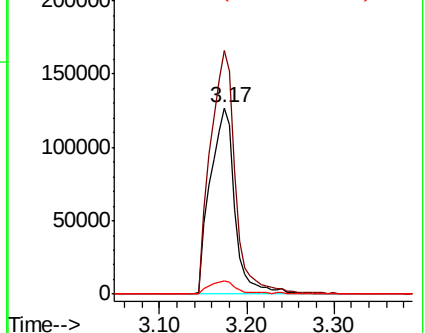
44 6.9 6.2 9.2

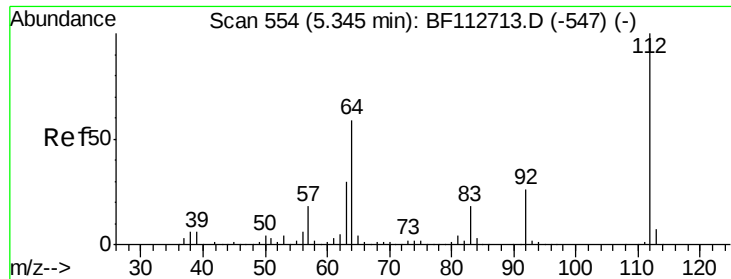


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 104.858 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.02 min

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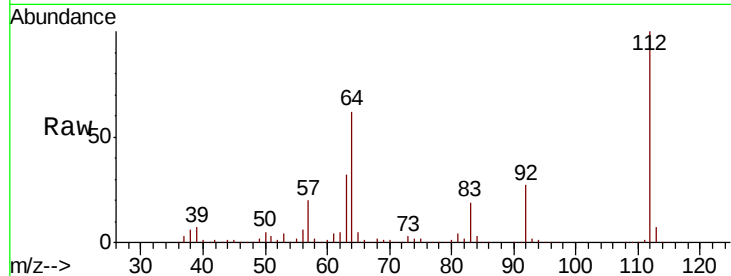
Tot Ion:112 Resp: 1343094

Ion Ratio Lower Upper

112 100

64 62.0 47.6 71.4

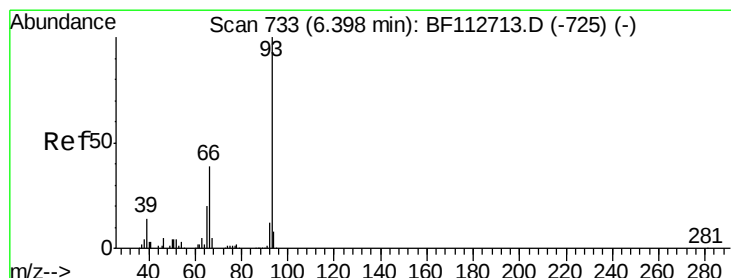
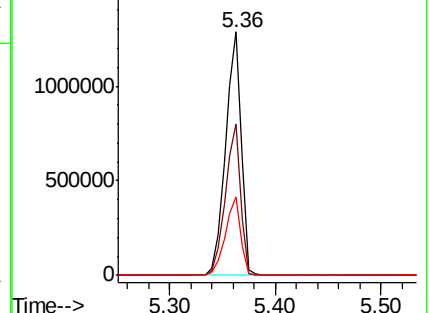
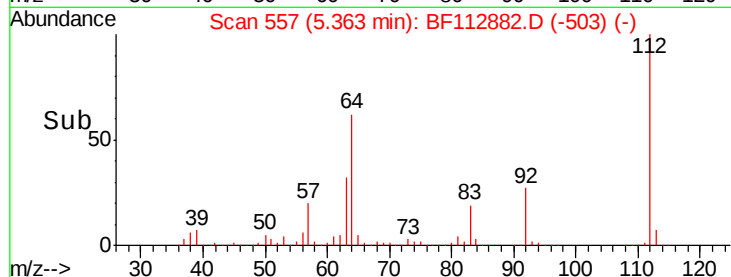
63 32.4 24.4 36.6



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: 24.983 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

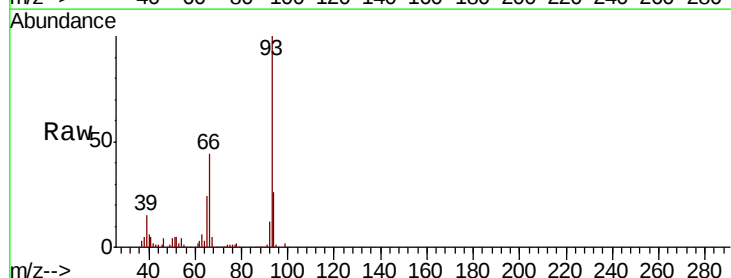
Tgt Ion: 93 Resp: 553309

Ion Ratio Lower Upper

93 100

66 44.2 32.2 48.2

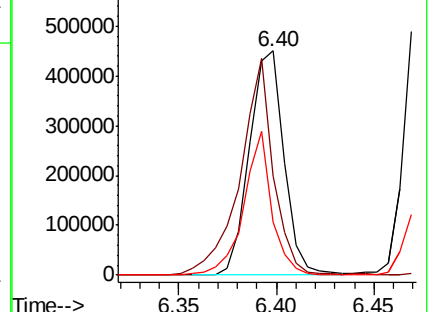
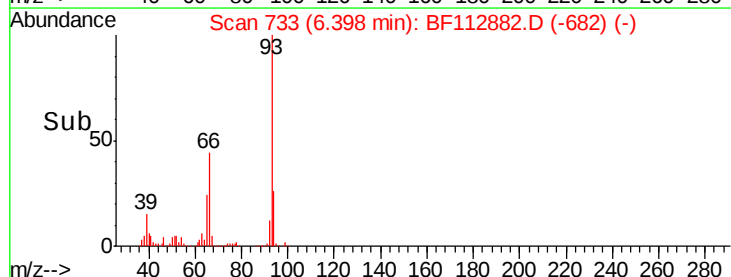
65 23.6 16.2 24.4

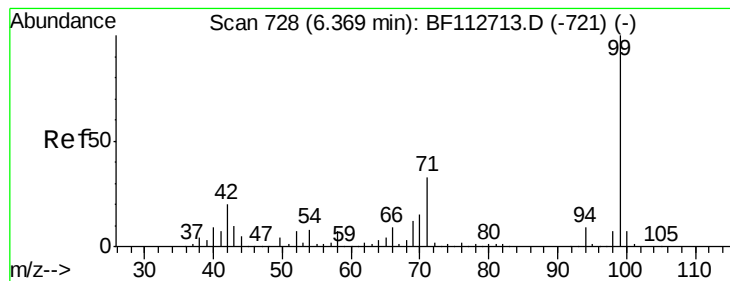


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.404 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Instrument :

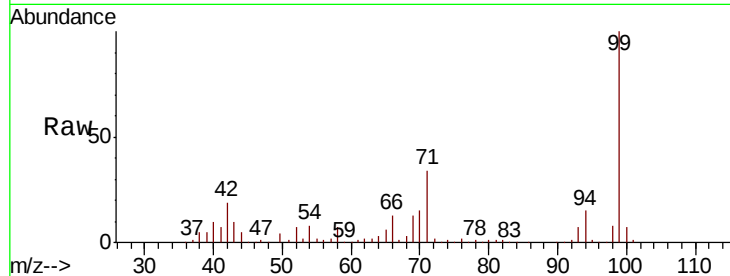
BNA_E

ClientSampleId :

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Tot Ion: 99 Resp: 1728100

Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.3	24.5
71	33.6	26.2	39.4

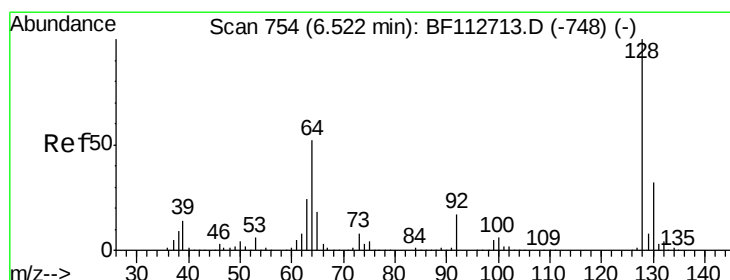
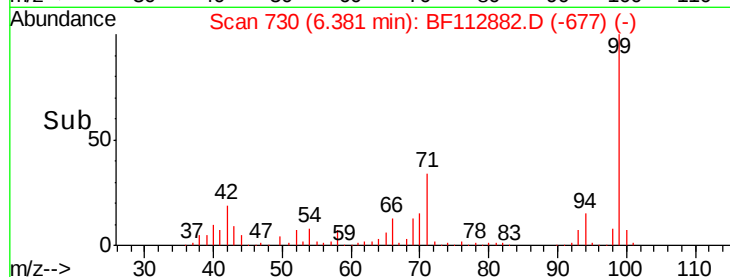
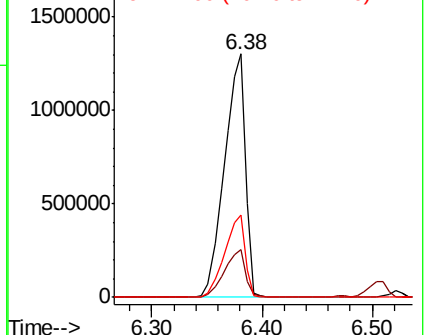


Abundance

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: 36.090 ng

RT: 6.52 min Scan# 754

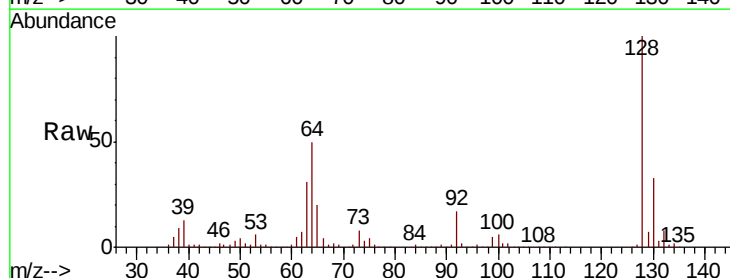
Delta R.T. -0.00 min

Lab File: BF112882.D

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Tgt Ion:128 Resp: 514579

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.4	52.4
64	50.3	32.2	72.2

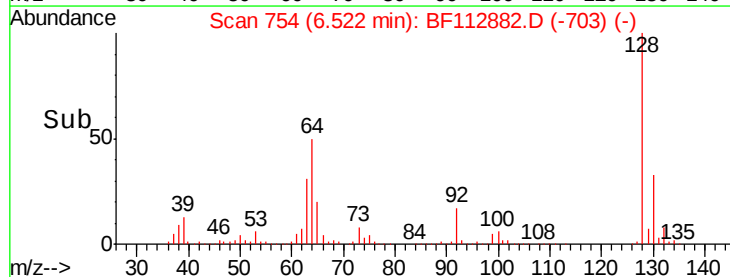
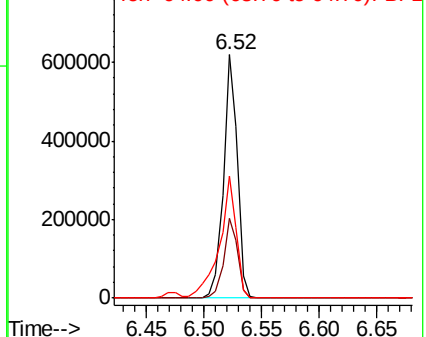


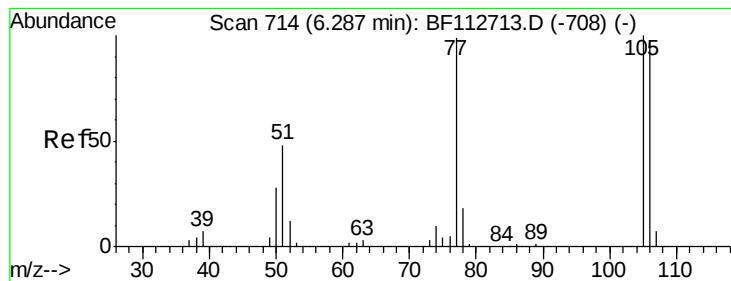
Abundance

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: 29.060 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

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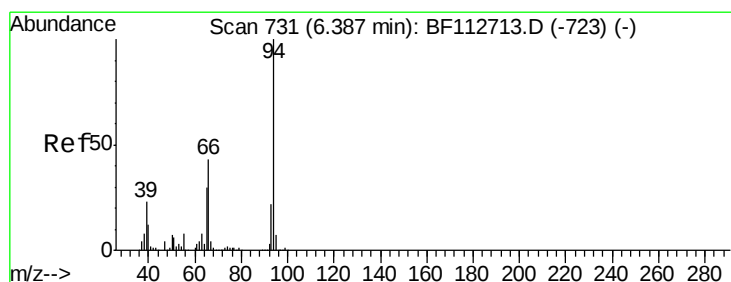
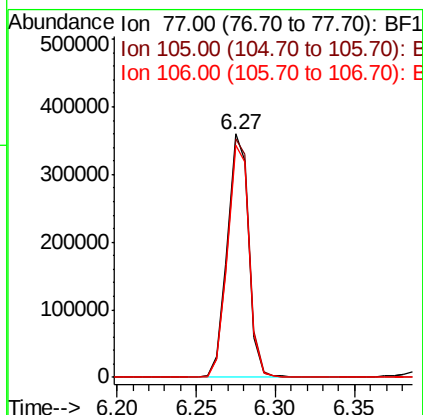
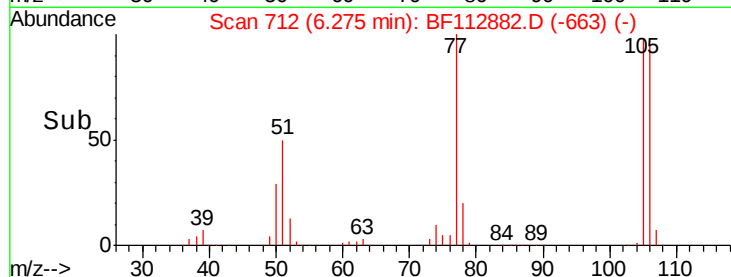
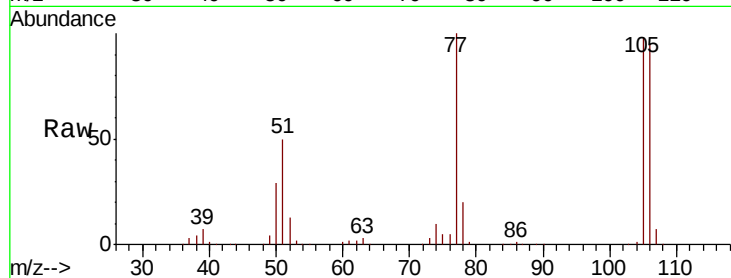
Tot Ion: 77 Resp: 336908

Ion Ratio Lower Upper

77 100

105 98.0 81.4 121.4

106 95.1 78.3 118.3



#10

Phenol

Concen: 33.258 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

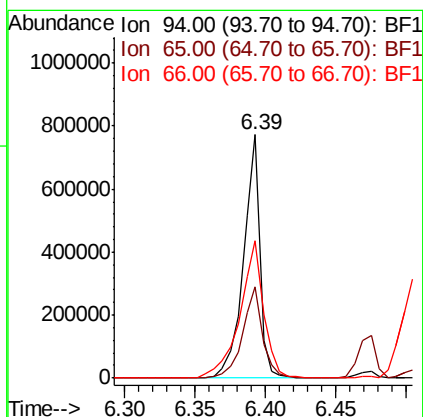
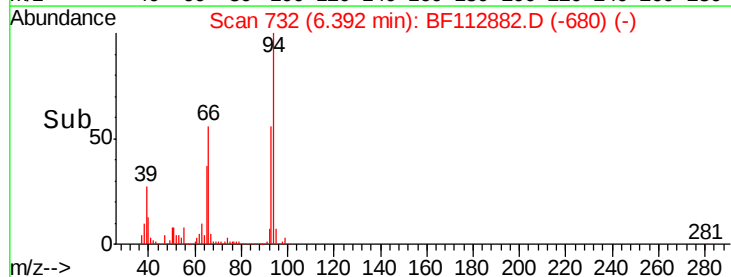
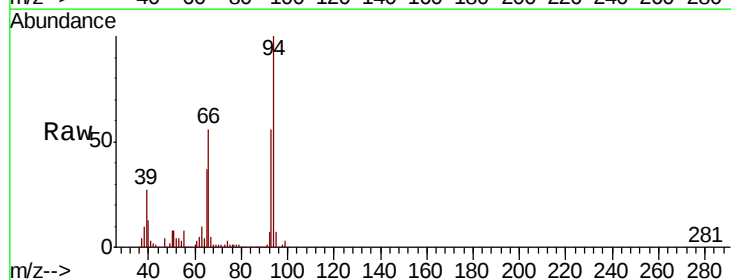
Tgt Ion: 94 Resp: 624436

Ion Ratio Lower Upper

94 100

65 37.3 10.5 50.5

66 56.4 22.6 62.6

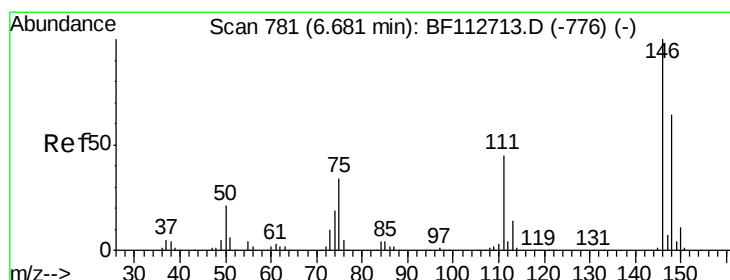
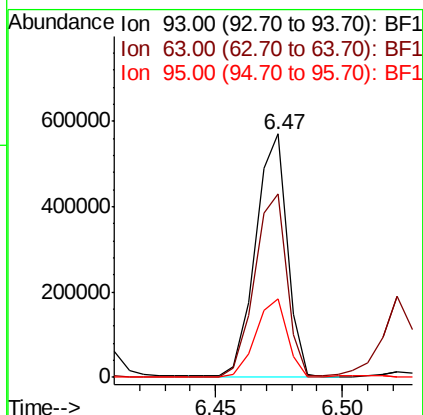
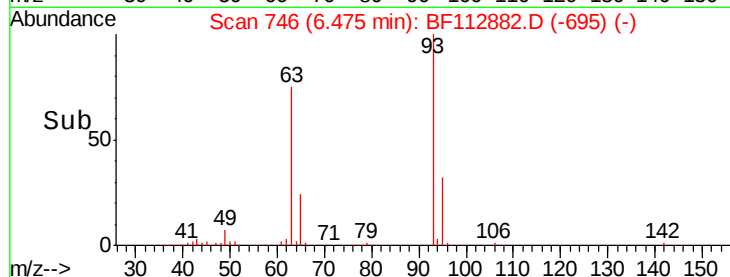
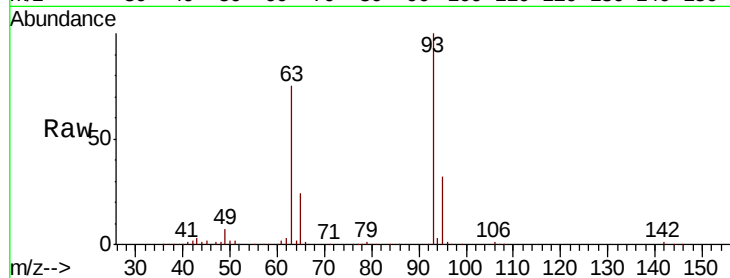




#11
bis(2-Chloroethyl)ether
Concen: 34.531 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

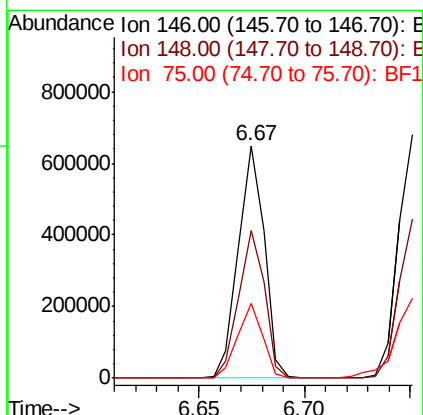
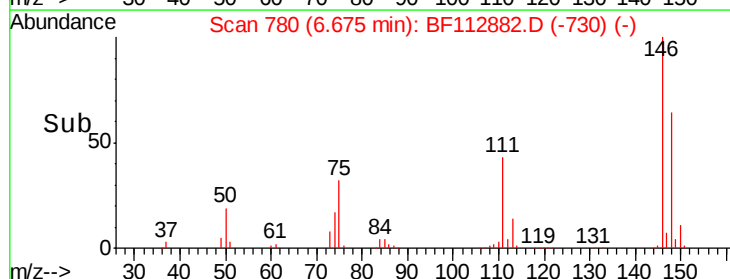
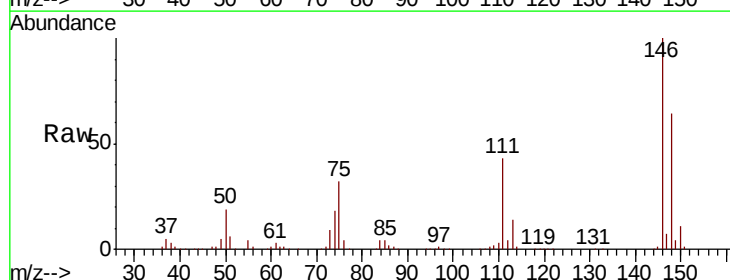
Instrument :
BNA_E
ClientSampleId :
PB117655BS

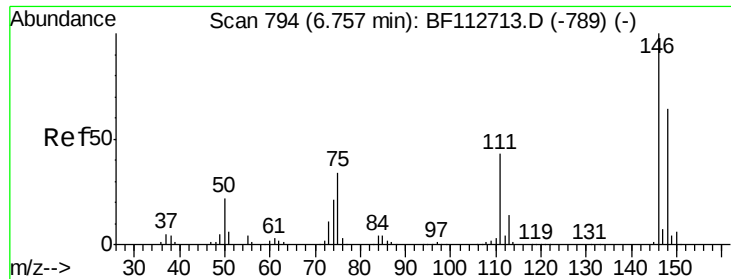
Tot Ion: 93 Resp: 497640
Ion Ratio Lower Upper
93 100
63 75.2 60.5 100.5
95 32.4 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 37.455 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion: 146 Resp: 551684
Ion Ratio Lower Upper
146 100
148 63.7 50.9 76.3
75 32.2 26.9 40.3

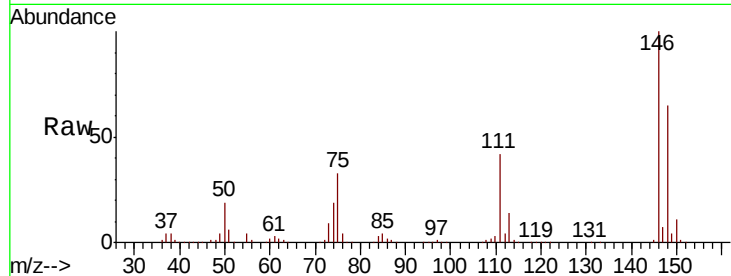




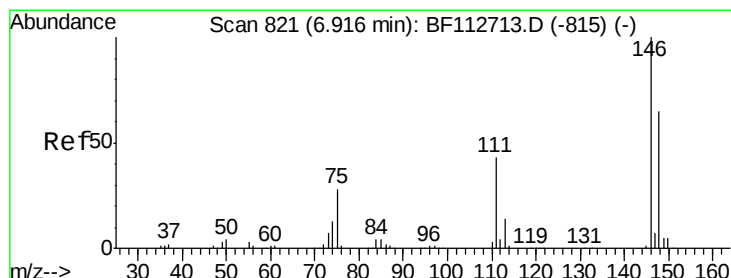
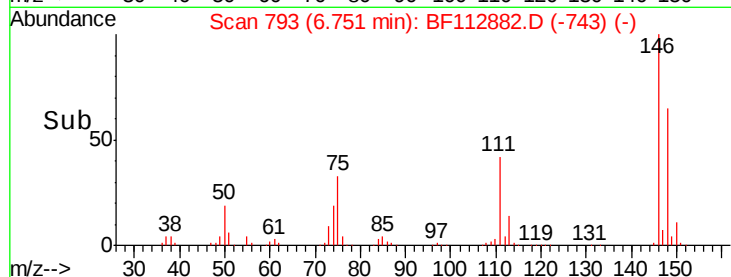
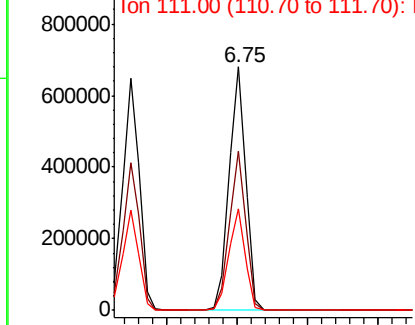
#13
 1,4-Dichlorobenzene
 Concen: 37.764 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF112882.D
 Acq: 6 Mar 2019 13:50

Instrument :
 BNA_E
 ClientSampleId :
 PB117655BS

Tot Ion:146 Resp: 557826
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.0 76.4
 111 41.5 34.5 51.7

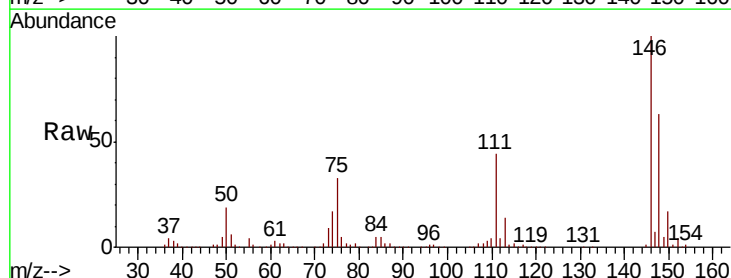


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

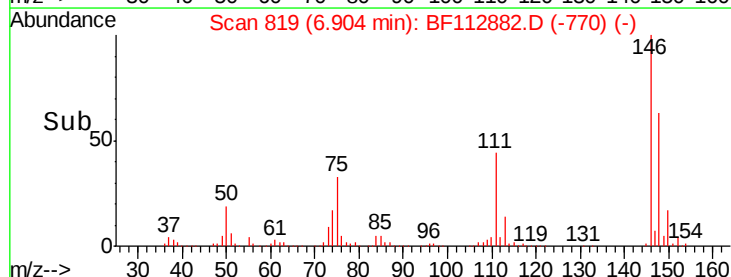
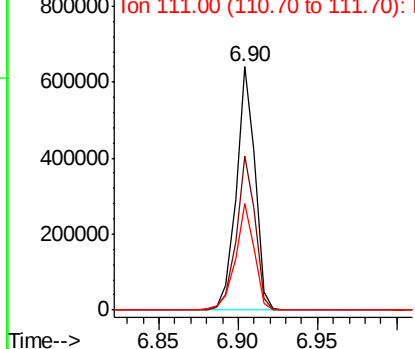


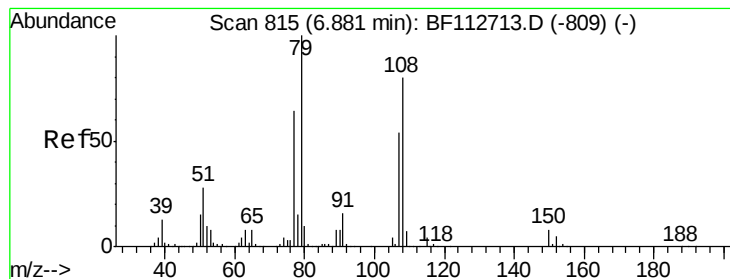
#14
 1,2-Dichlorobenzene
 Concen: 38.627 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF112882.D
 Acq: 6 Mar 2019 13:50

Tgt Ion:146 Resp: 523045
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.0 78.0
 111 43.8 34.8 52.2



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: 37.720 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Instrument :

BNA_E

ClientSampleId :

PB117655BS

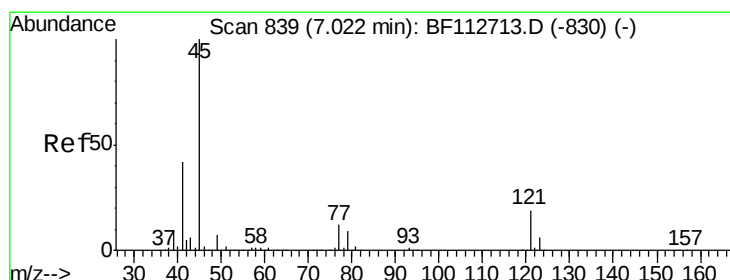
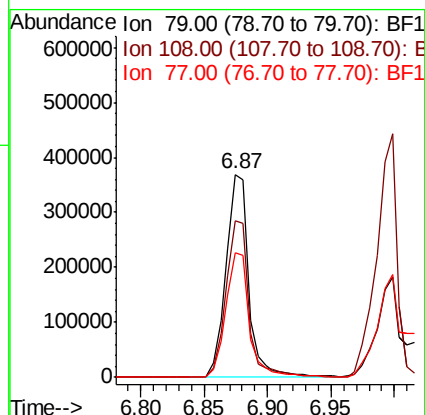
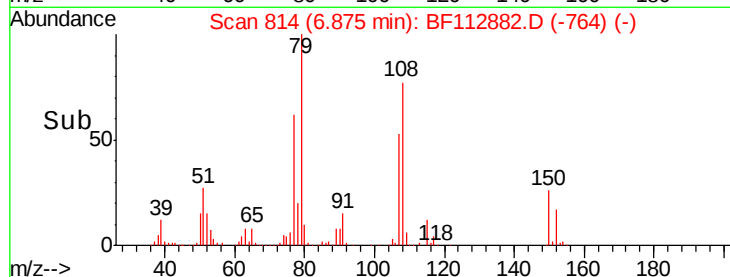
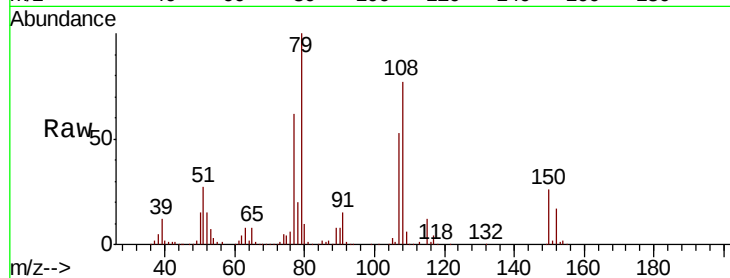
Tot Ion: 79 Resp: 462791

Ion Ratio Lower Upper

79 100

108 77.0 64.2 96.4

77 61.8 51.1 76.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.423 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

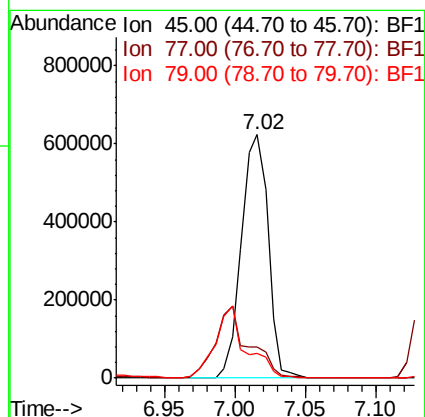
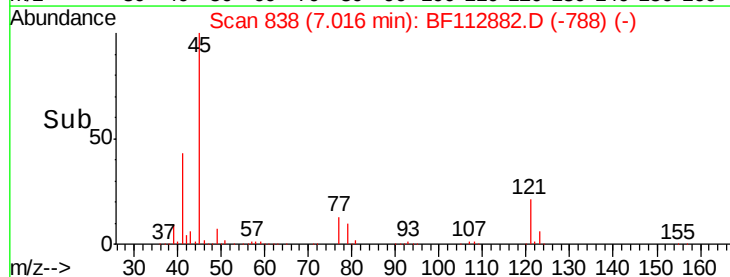
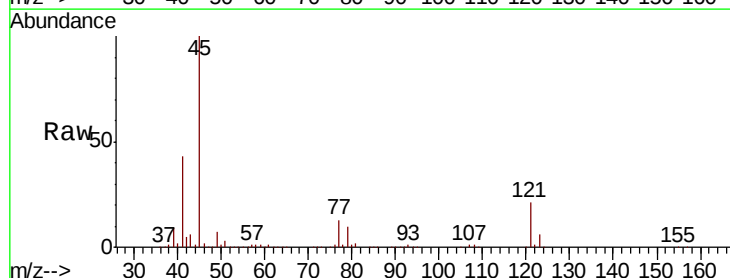
Tgt Ion: 45 Resp: 827885

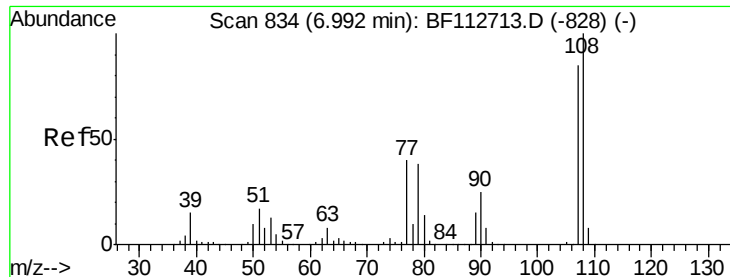
Ion Ratio Lower Upper

45 100

77 13.0 0.0 32.1

79 10.1 0.0 29.4

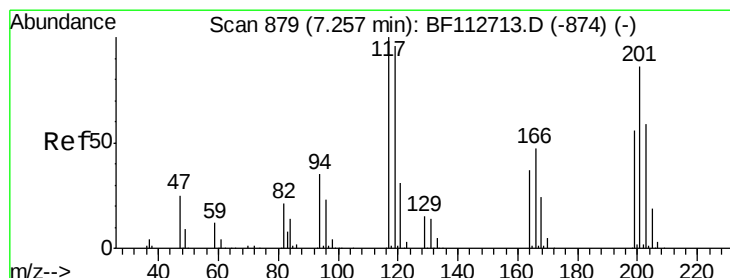
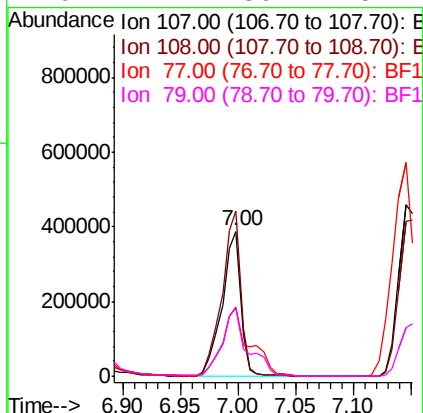
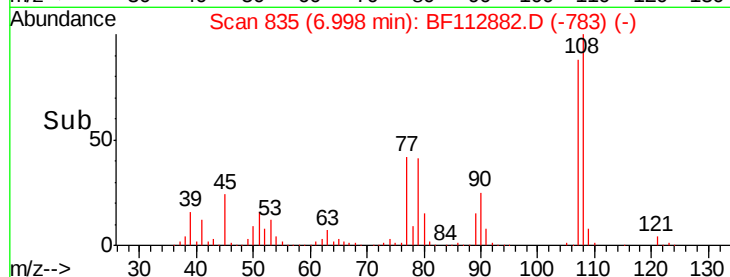
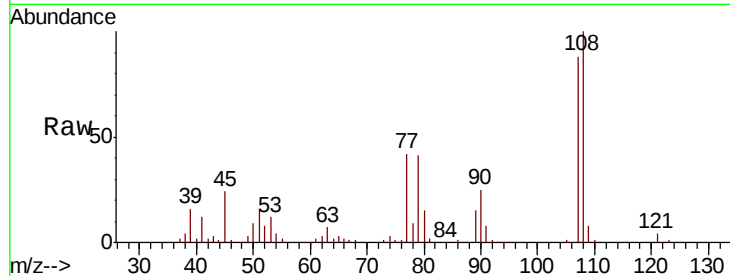




#17
2-Methylphenol
Concen: 37.999 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

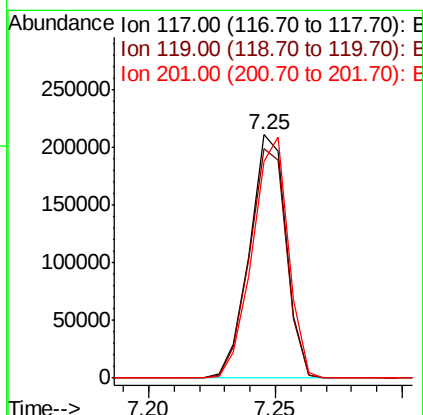
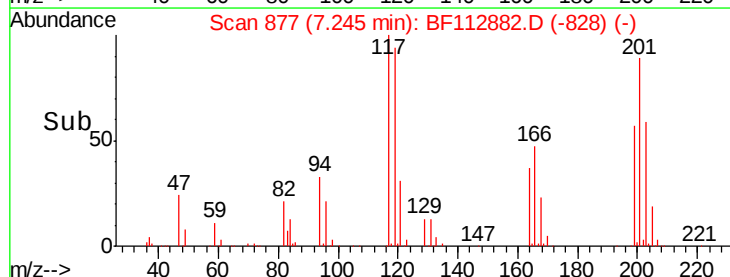
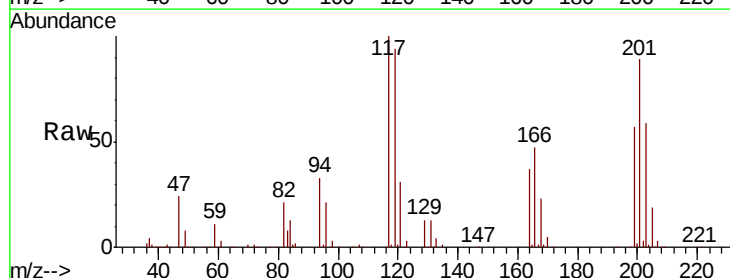
Instrument :
BNA_E
ClientSampleId :
PB117655BS

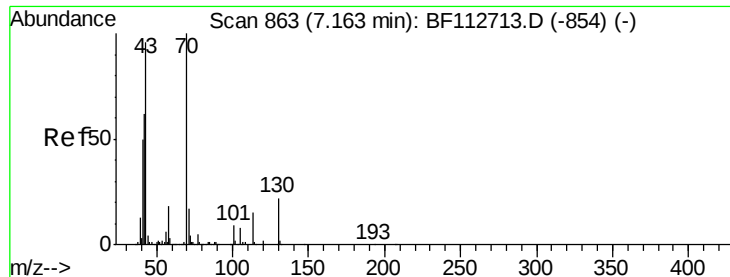
Tot Ion:107 Resp: 439535
Ion Ratio Lower Upper
107 100
108 114.1 94.6 142.0
77 48.0 37.8 56.8
79 47.2 36.2 54.2



#18
Hexachloroethane
Concen: 37.485 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion:117 Resp: 212102
Ion Ratio Lower Upper
117 100
119 94.5 76.6 115.0
201 89.2 68.9 103.3

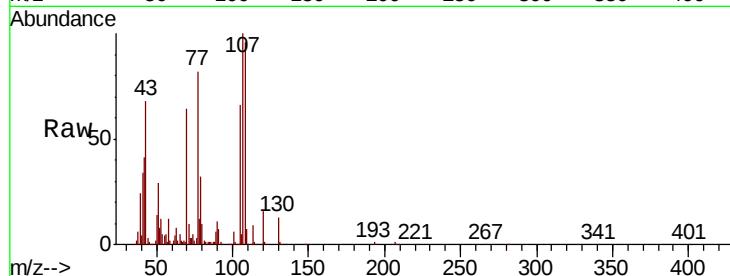




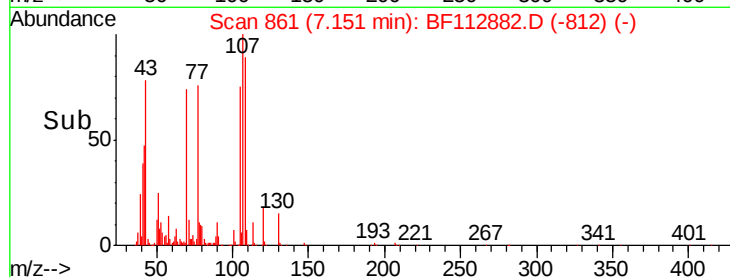
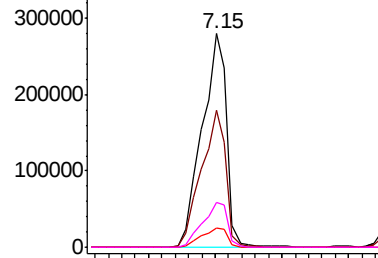
#19
n-Nitroso-di-n-propylamine
Concen: 35.533 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_E
ClientSampleId :
PB117655BS

Tot Ion:	70	Resp:	362089
Ion	Ratio	Lower	Upper
70	100		
42	63.9	49.9	74.9
101	9.1	7.4	11.2
130	21.0	17.4	26.2



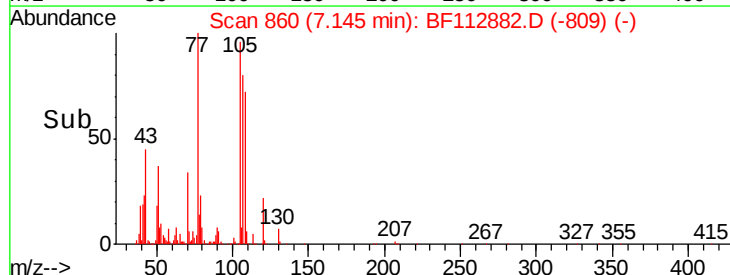
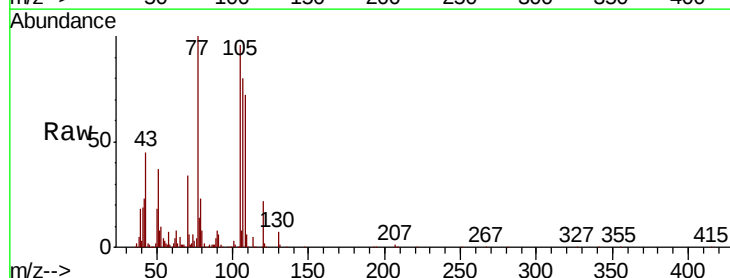
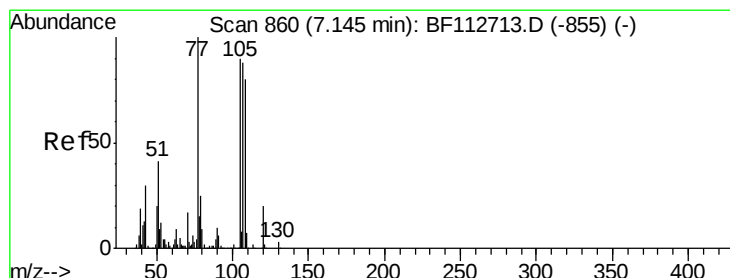
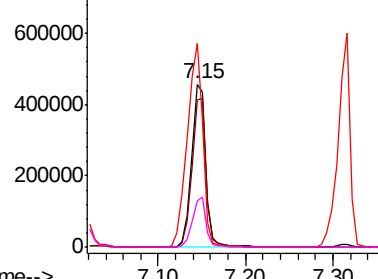
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 39.007 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion:	107	Resp:	509398
Ion	Ratio	Lower	Upper
107	100		
108	90.2	71.4	111.4
77	124.8	94.1	134.1
79	28.4	8.6	48.6

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

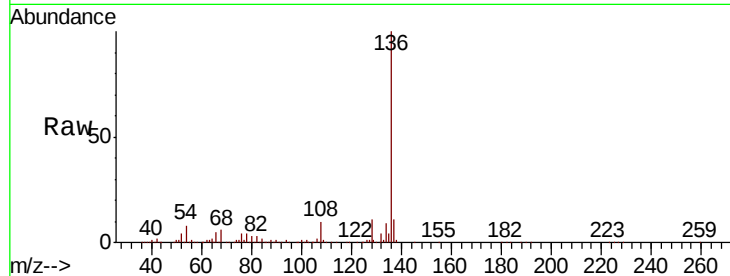




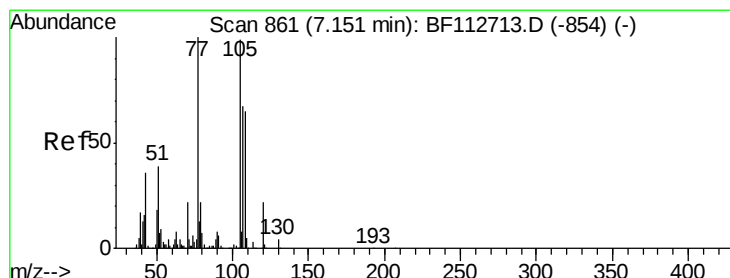
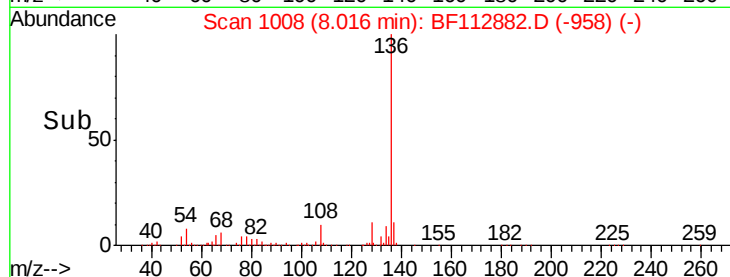
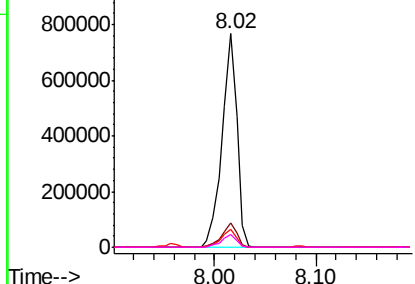
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_E
ClientSampleId :
PB117655BS

Tot Ion:136	Resp:	782470
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	8.3	7.3 10.9
68	5.8	5.4 8.2

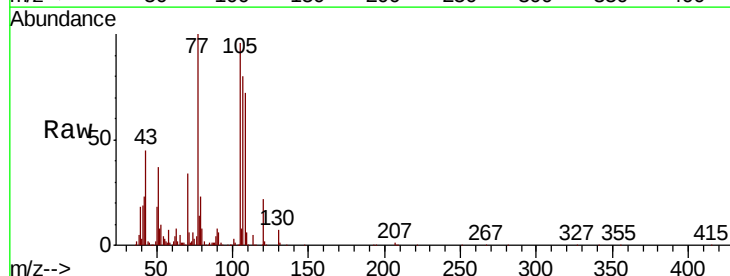


Abundance Ion 136.00 (135.70 to 136.70): E
1200000
Ion 137.00 (136.70 to 137.70): E
1000000
Ion 54.00 (53.70 to 54.70): BF1
800000
Ion 68.00 (67.70 to 68.70): BF1
600000
400000
200000
0

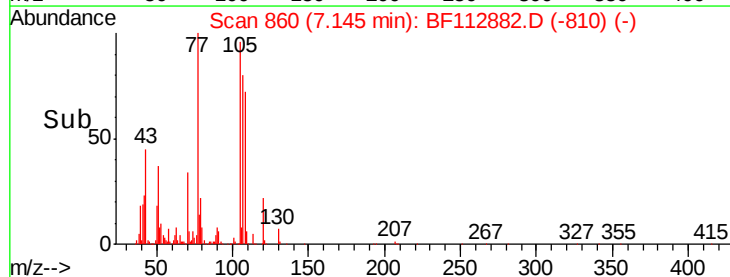
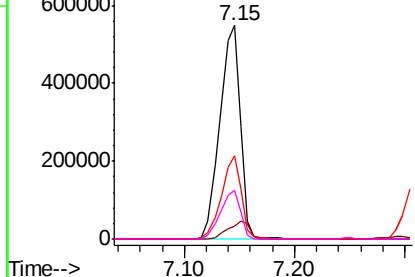


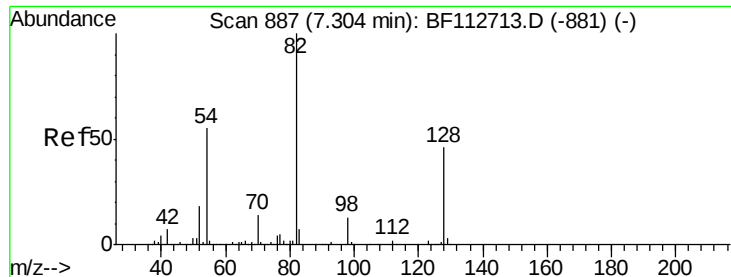
#22
Acetophenone
Concen: 38.765 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion:105	Resp:	709256
Ion Ratio	Lower	Upper
105	100	
71	6.1	3.0 4.4#
51	38.9	31.5 47.3
120	22.6	18.1 27.1



Abundance Ion 105.00 (104.70 to 105.70): E
800000
Ion 71.00 (70.70 to 71.70): BF1
600000
Ion 51.00 (50.70 to 51.70): BF1
400000
Ion 120.00 (119.70 to 120.70): E
200000
0

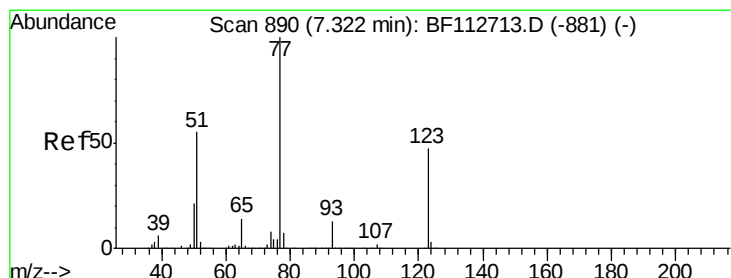
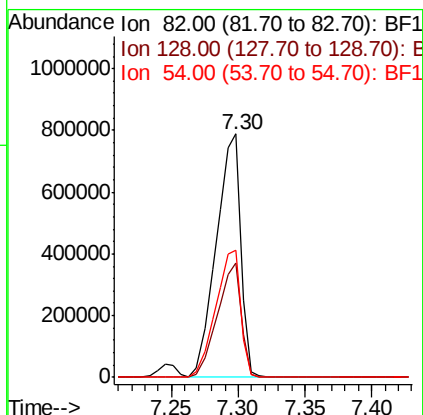
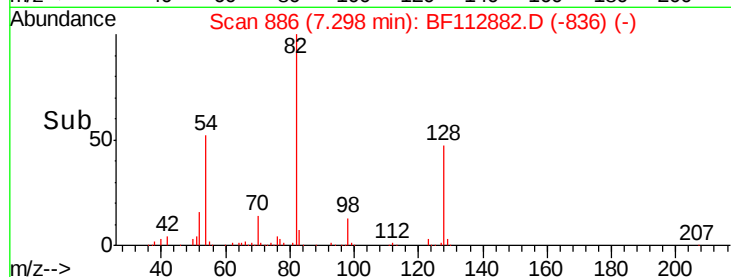
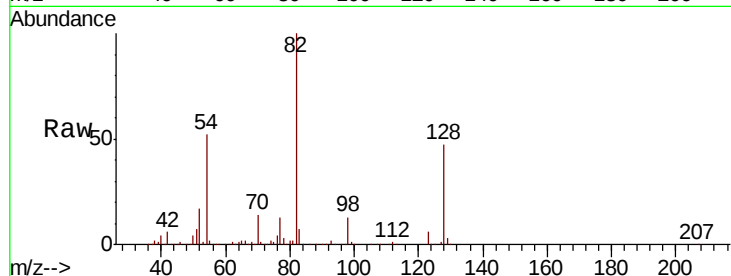




#23
 Nitrobenzene-d5
 Concen: 78.103 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF112882.D
 Acq: 6 Mar 2019 13:50

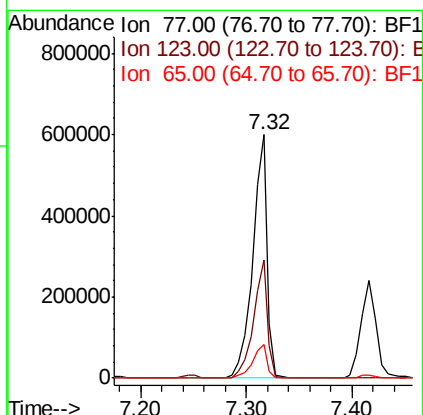
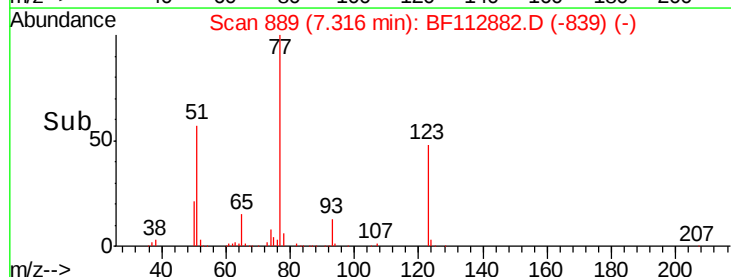
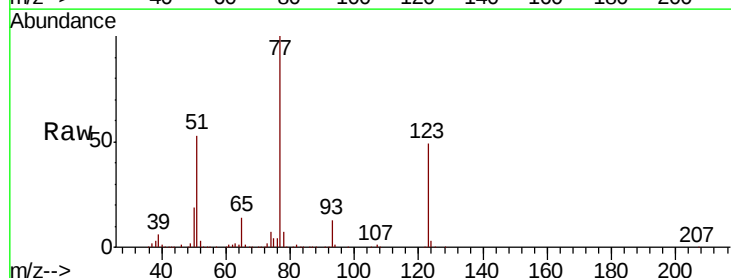
Instrument :
 BNA_E
 ClientSampleId :
 PB117655BS

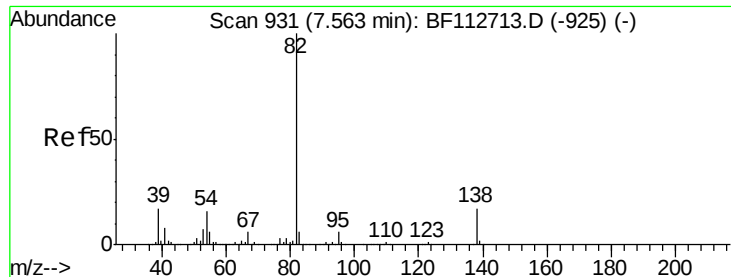
Tot Ion: 82 Resp: 1021313
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.3 54.5
 54 52.0 43.7 65.5



#24
 Nitrobenzene
 Concen: 38.810 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF112882.D
 Acq: 6 Mar 2019 13:50

Tgt Ion: 77 Resp: 564841
 Ion Ratio Lower Upper
 77 100
 123 48.8 37.8 56.6
 65 13.9 11.1 16.7

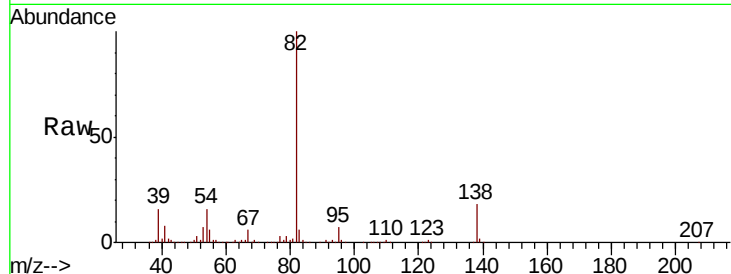




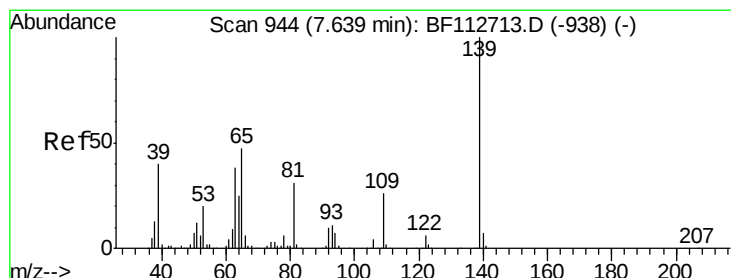
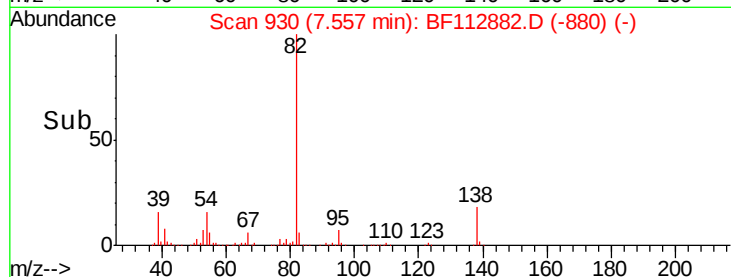
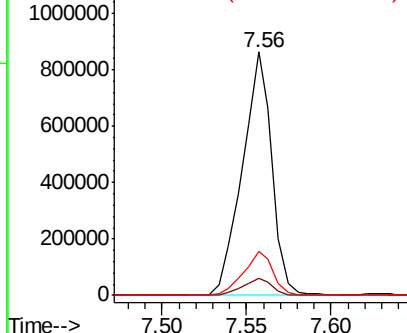
#25
Isophorone
Concen: 37.430 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_E
ClientSampleId :
PB117655BS

Tot Ion: 82 Resp: 1054453
Ion Ratio Lower Upper
82 100
95 6.9 5.2 7.8
138 17.8 13.8 20.8

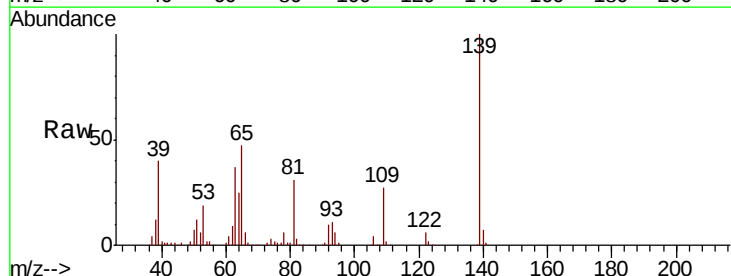


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

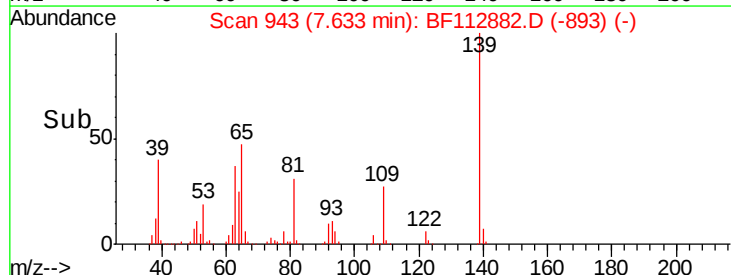
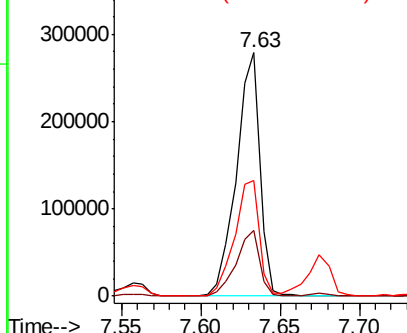


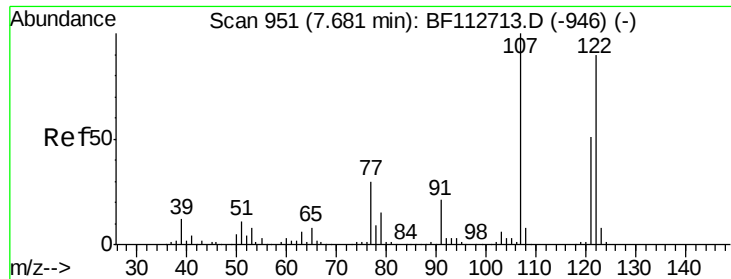
#26
2-Nitrophenol
Concen: 47.447 ng
RT: 7.63 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion: 139 Resp: 287460
Ion Ratio Lower Upper
139 100
109 27.2 20.6 31.0
65 47.4 37.9 56.9



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

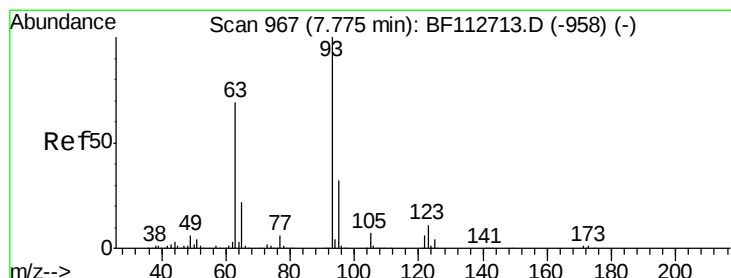
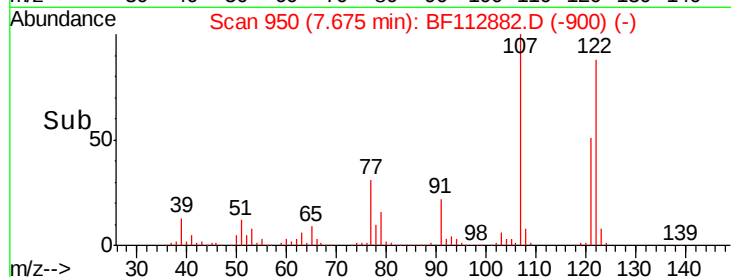
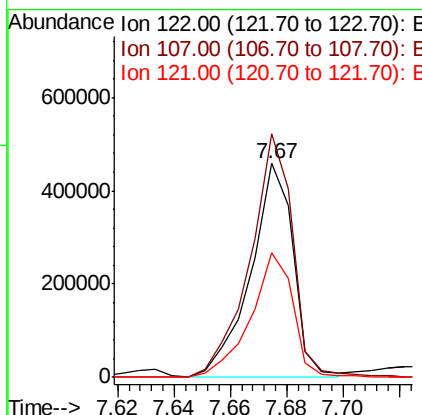
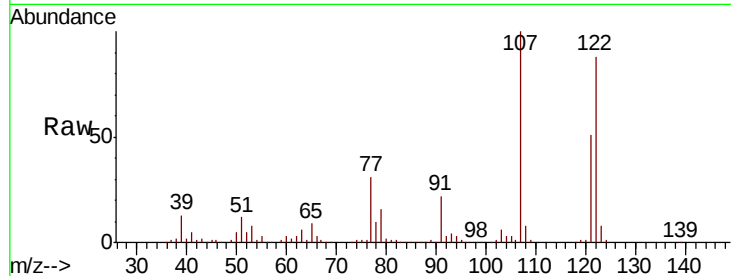




#27
 2,4-Dimethylphenol
 Concen: 42.699 ng
 RT: 7.67 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF112882.D
 Acq: 6 Mar 2019 13:50

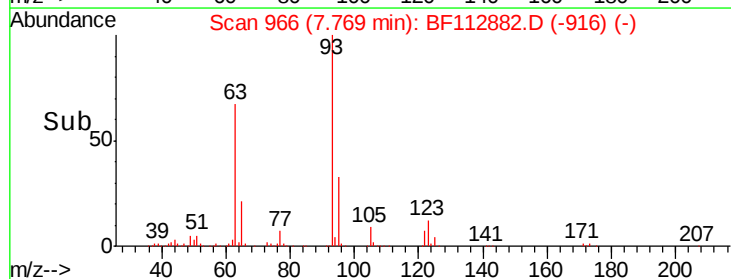
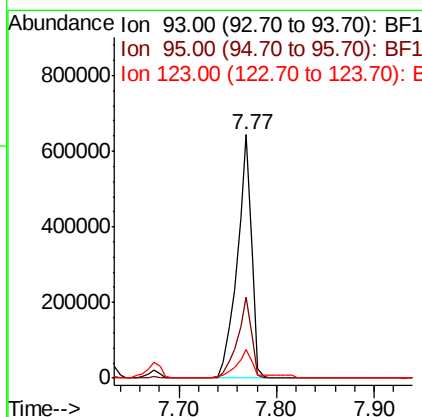
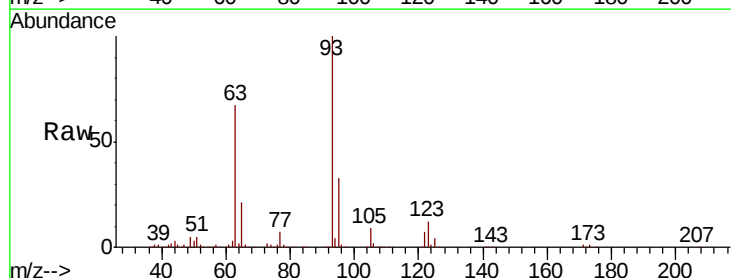
Instrument :
 BNA_E
 ClientSampleId :
 PB117655BS

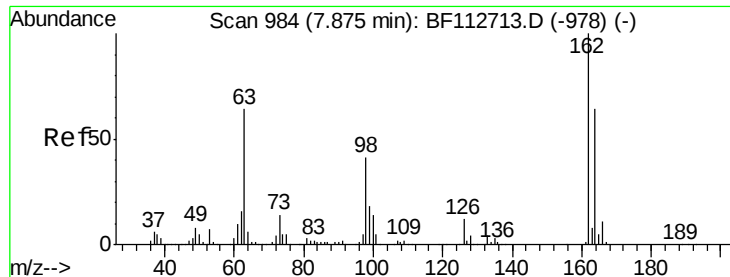
Tot Ion:122 Resp: 481275
 Ion Ratio Lower Upper
 122 100
 107 113.8 89.4 134.0
 121 58.0 45.5 68.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.076 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF112882.D
 Acq: 6 Mar 2019 13:50

Tgt Ion: 93 Resp: 653028
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.0 39.0
 123 11.7 9.3 13.9

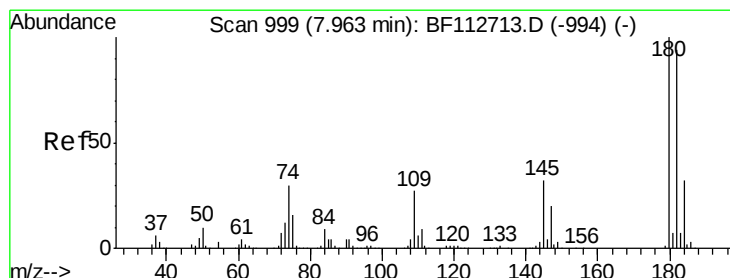
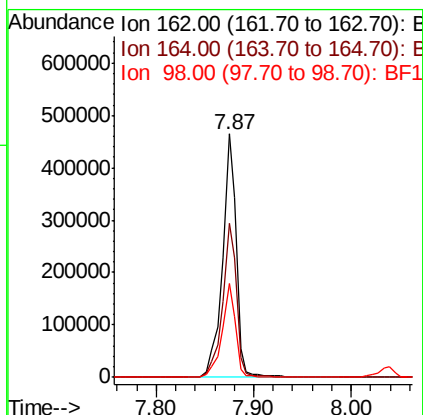
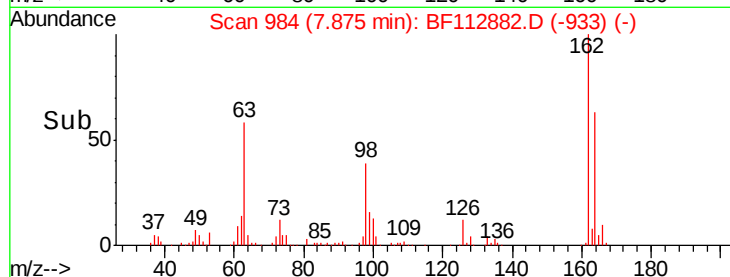
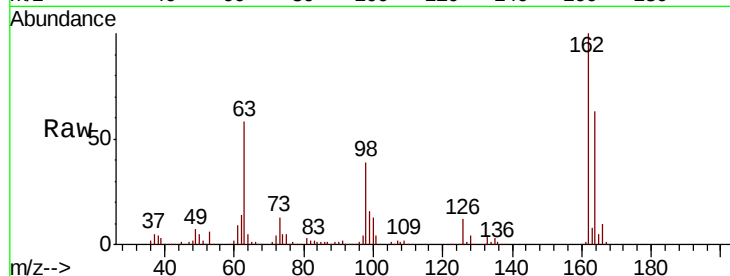




#29
2,4-Dichlorophenol
Concen: 41.806 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

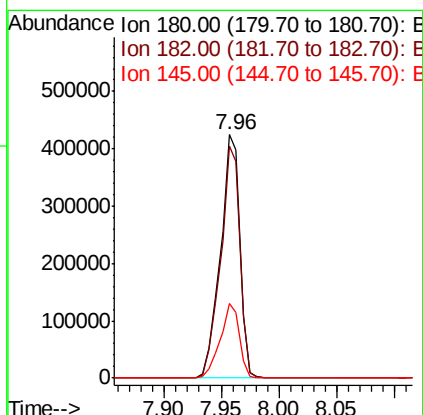
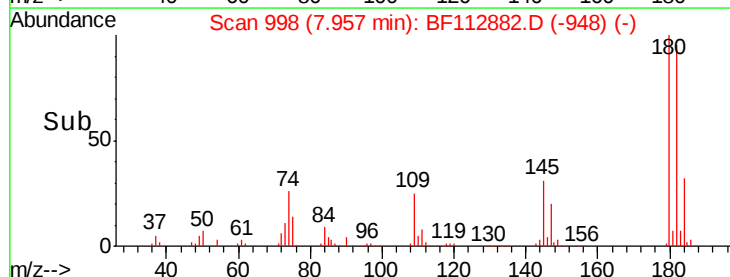
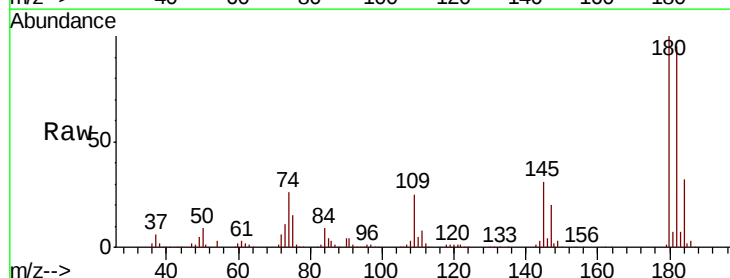
Instrument :
BNA_E
ClientSampleId :
PB117655BS

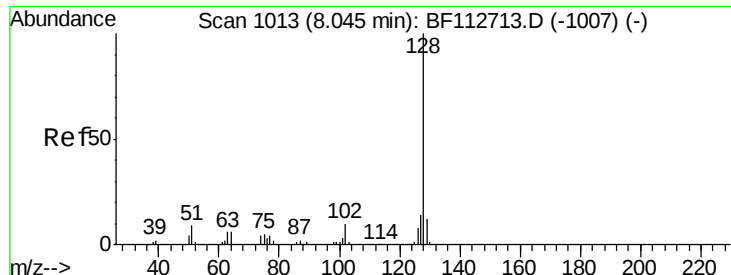
Tot Ion:162 Resp: 456959
Ion Ratio Lower Upper
162 100
164 63.4 44.0 84.0
98 38.7 20.7 60.7



#30
1,2,4-Trichlorobenzene
Concen: 42.240 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion:180 Resp: 496093
Ion Ratio Lower Upper
180 100
182 95.1 75.2 112.8
145 30.7 25.4 38.0

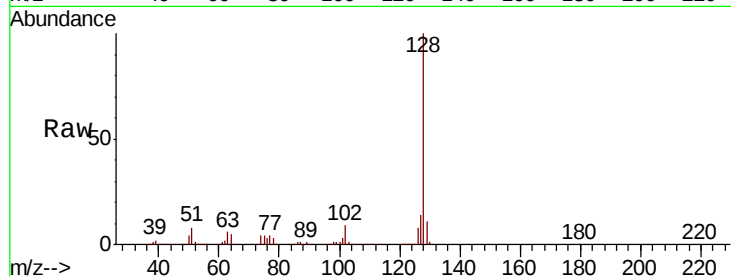




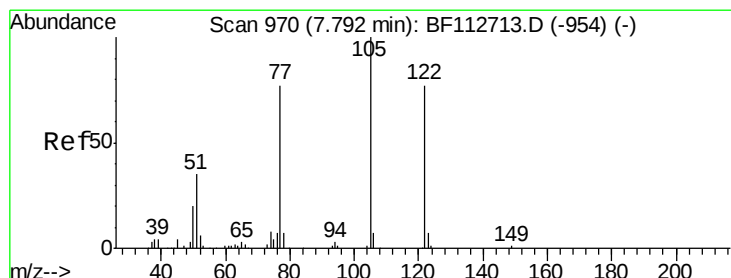
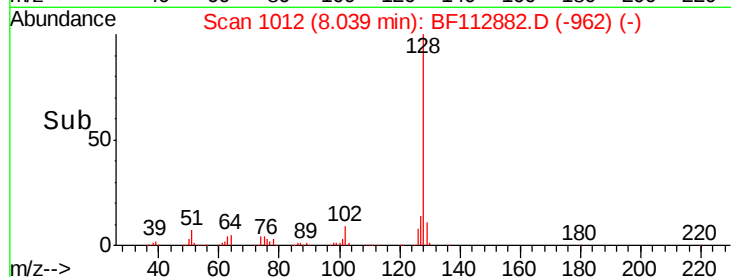
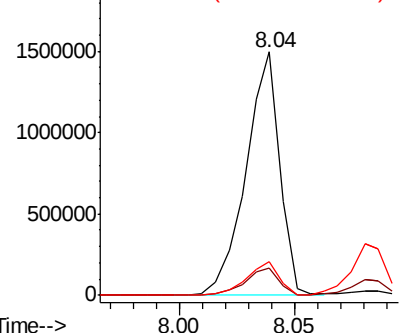
#31
Naphthalene
Concen: 39.143 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_E
ClientSampleId :
PB117655BS

Tot Ion:128 Resp: 1520604
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.6 10.9 16.3

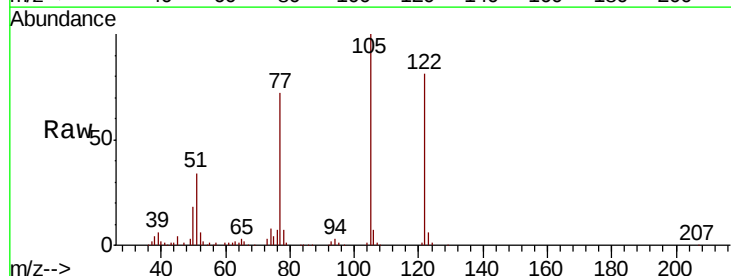


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

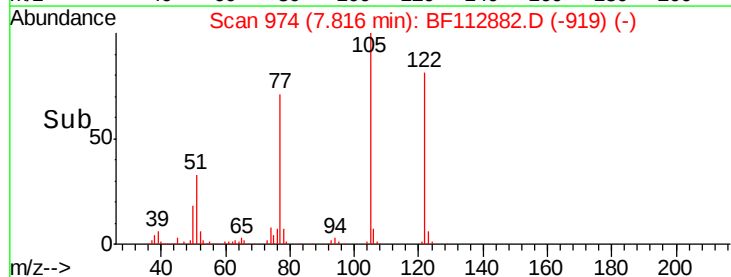
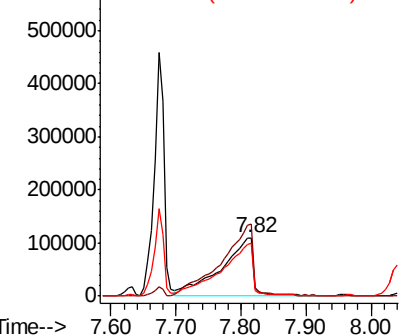


#32
Benzoic acid
Concen: 48.079 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.02 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion:122 Resp: 379818
Ion Ratio Lower Upper
122 100
105 124.2 106.8 146.8
77 89.5 79.4 119.4



Abundance Ion 122.00 (121.70 to 122.70): E
600000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

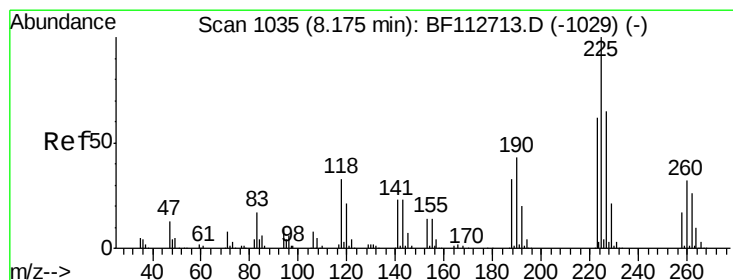
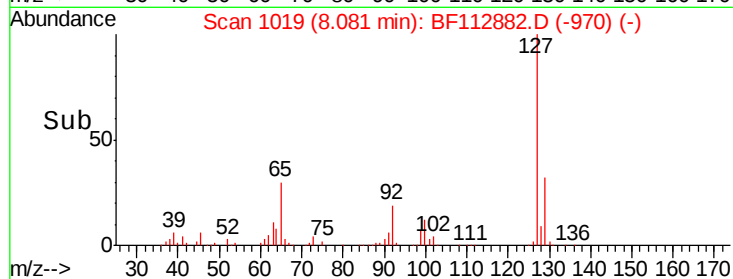
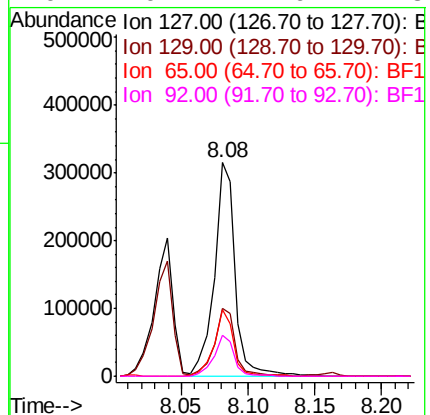
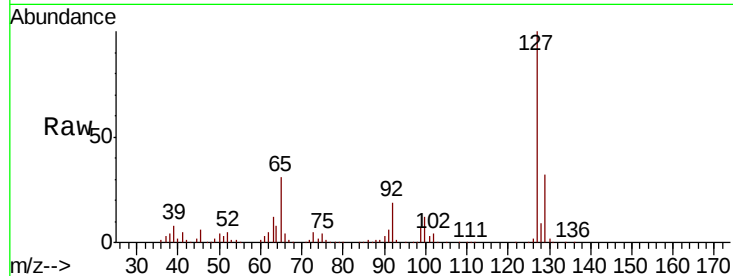




#33
4-Chloroaniline
Concen: 20.873 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

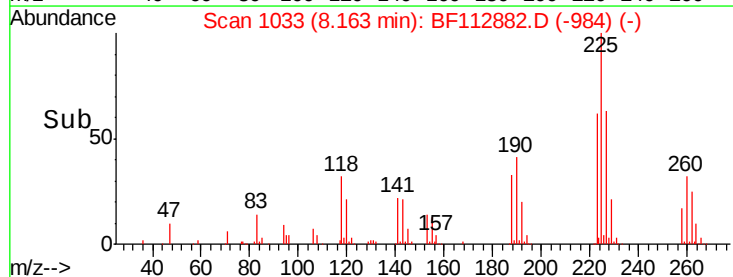
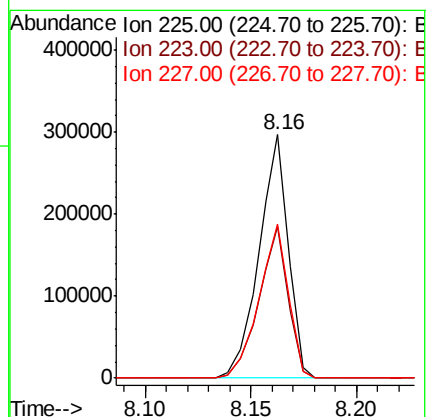
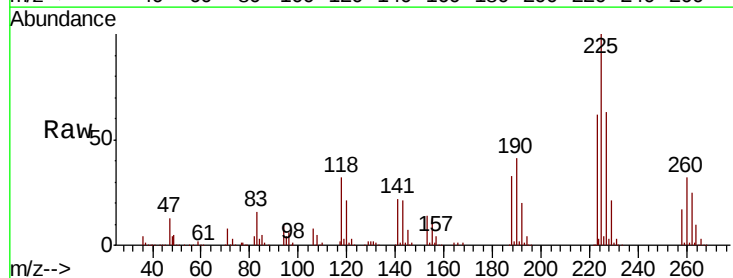
Instrument :
BNA_E
ClientSampleId :
PB117655BS

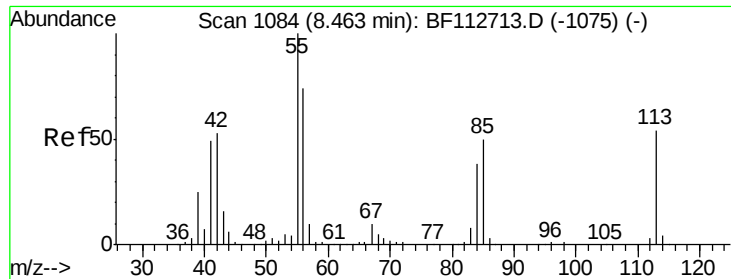
Tot Ion:	127	Resp:	343442
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.4	39.6
65	31.0	23.1	34.7
92	19.4	14.9	22.3



#34
Hexachlorobutadiene
Concen: 43.081 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion:	225	Resp:	285347
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.7	74.5
227	63.3	52.1	78.1

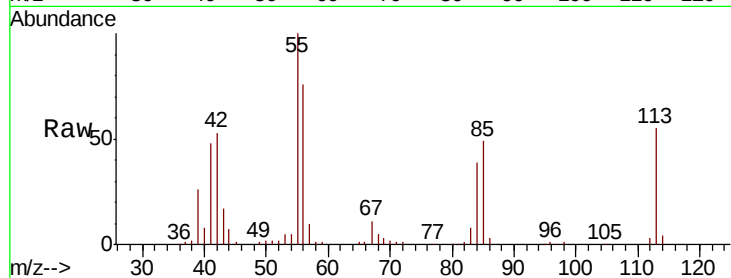




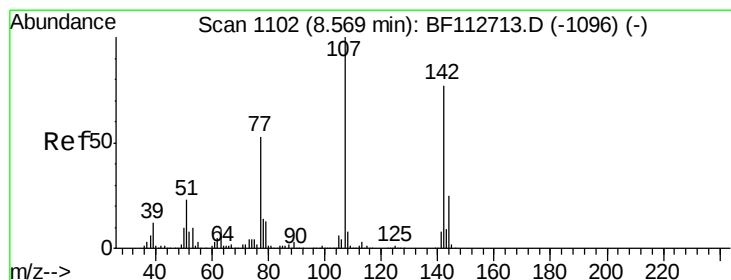
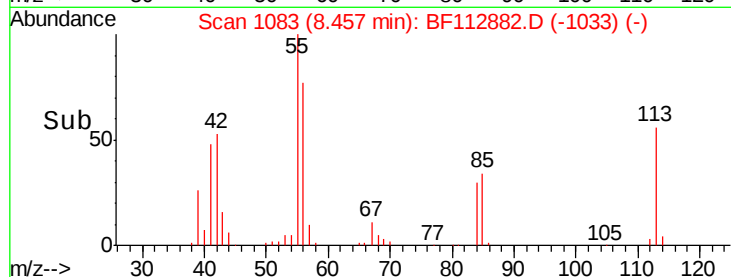
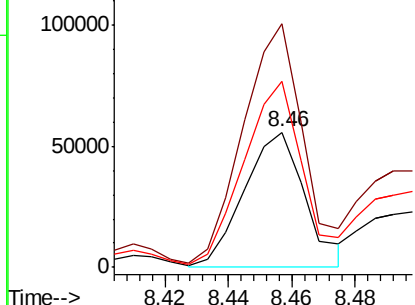
#35
 Caprolactam
 Concen: 19.458 ng
 RT: 8.46 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF112882.D
 Acq: 6 Mar 2019 13:50

Instrument :
 BNA_E
 ClientSampleId :
 PB117655BS

Tot Ion:113 Resp: 74910
 Ion Ratio Lower Upper
 113 100
 55 180.4 163.5 203.5
 56 137.7 115.3 155.3

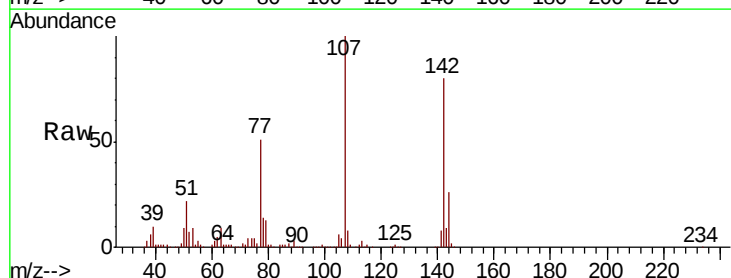


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

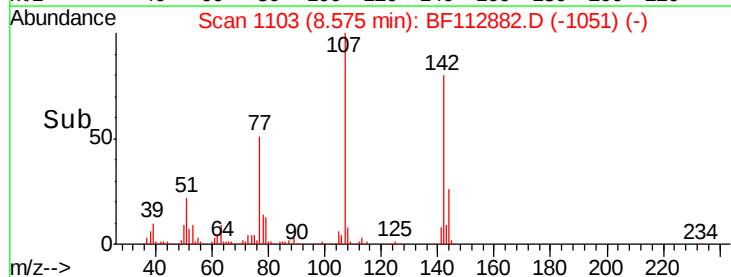
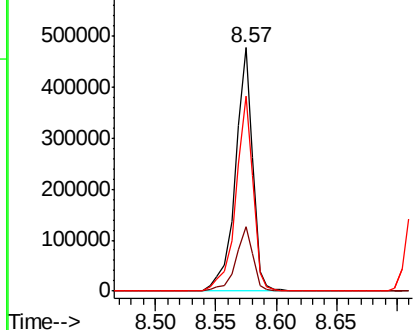


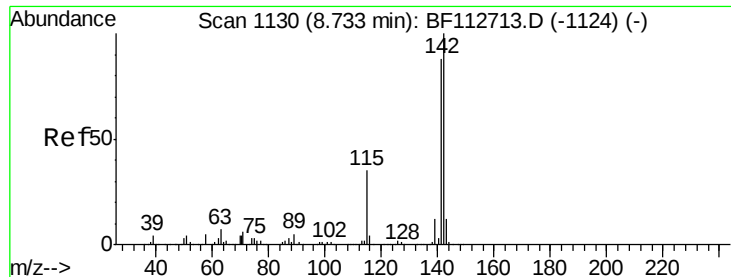
#36
 4-Chloro-3-methylphenol
 Concen: 39.444 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF112882.D
 Acq: 6 Mar 2019 13:50

Tgt Ion:107 Resp: 477131
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.1 30.1
 142 79.9 61.9 92.9



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

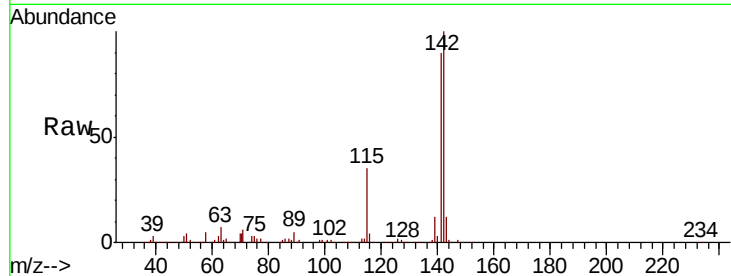




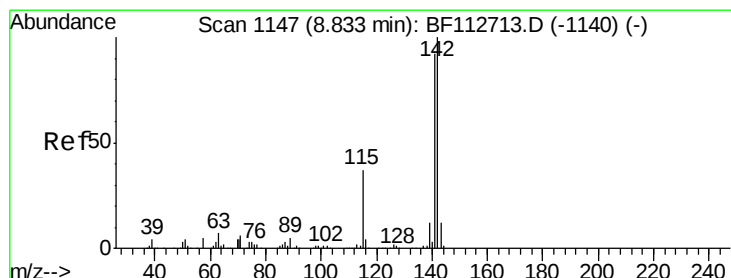
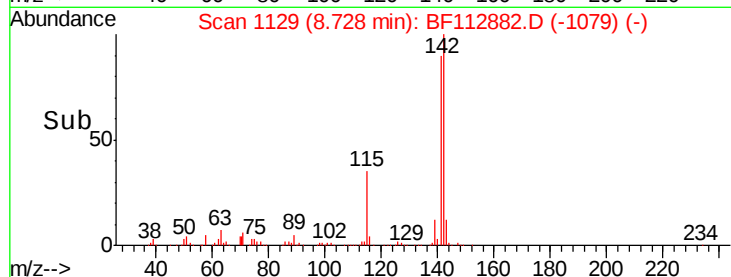
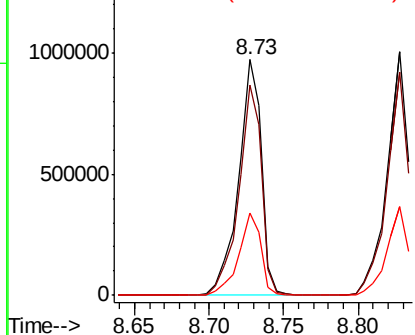
#37
2-Methylnaphthalene
Concen: 41.221 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_E
ClientSampled :
PB117655BS

Tot Ion:142 Resp: 1034136
Ion Ratio Lower Upper
142 100
141 89.6 70.3 105.5
115 34.9 27.8 41.6

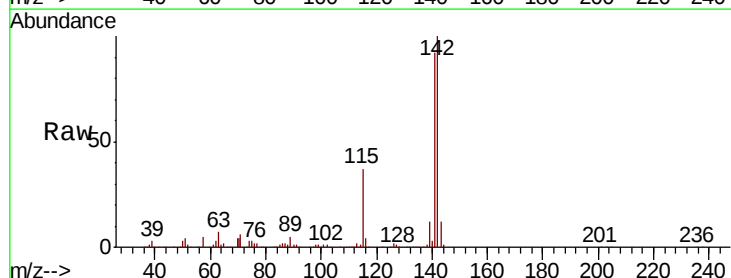


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

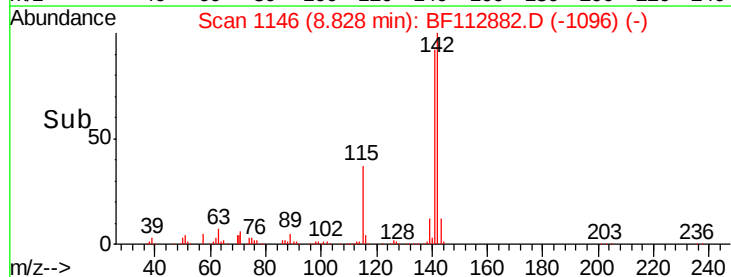
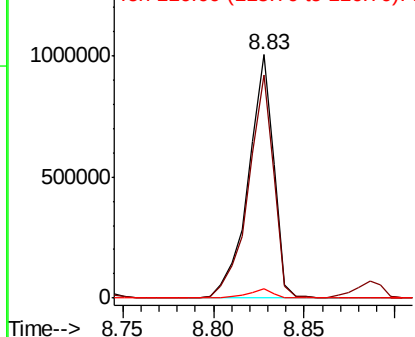


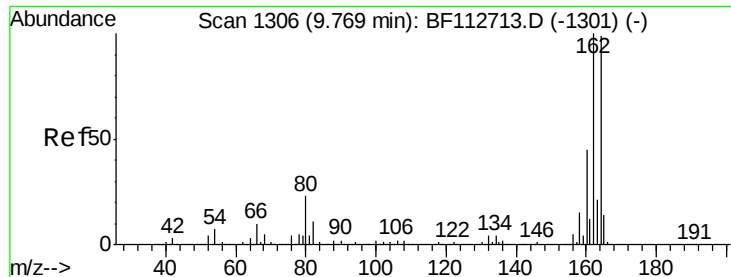
#38
1-Methylnaphthalene
Concen: 40.040 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion:142 Resp: 973039
Ion Ratio Lower Upper
142 100
141 91.5 73.7 110.5
116 3.8 3.1 4.7



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

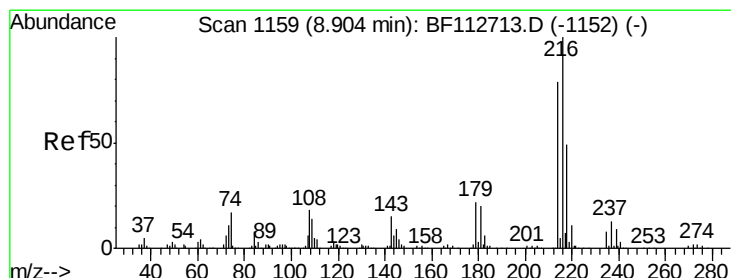
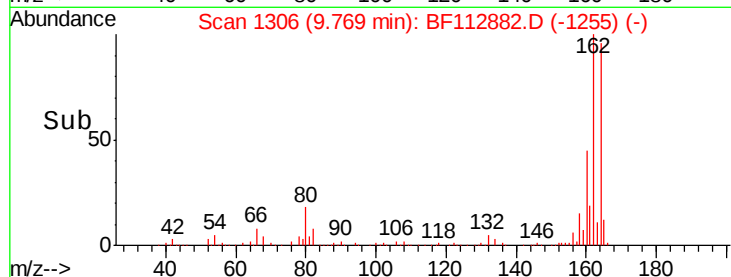
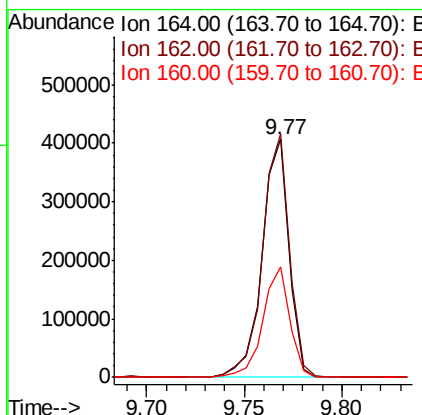
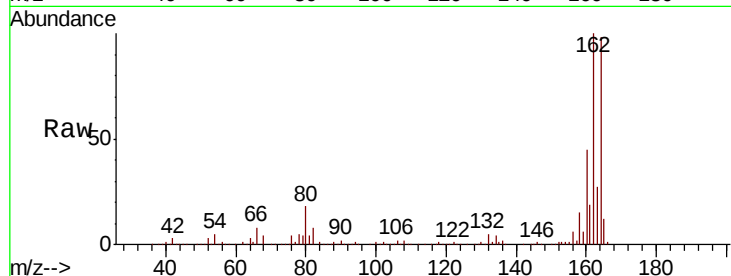




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

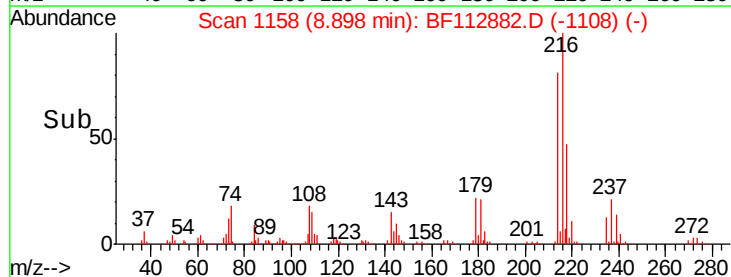
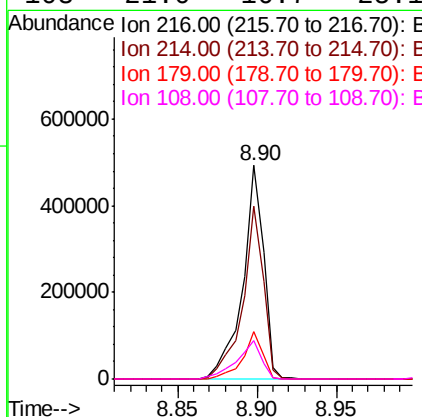
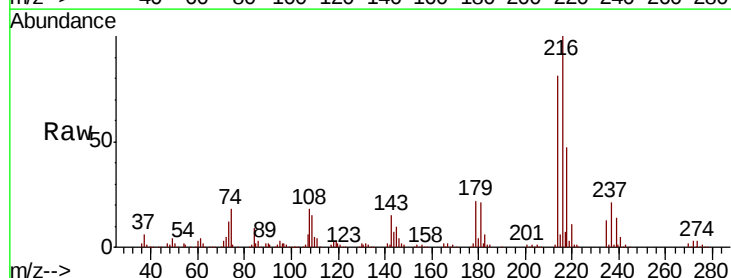
Instrument :
BNA_E
ClientSampleID :
PB117655BS

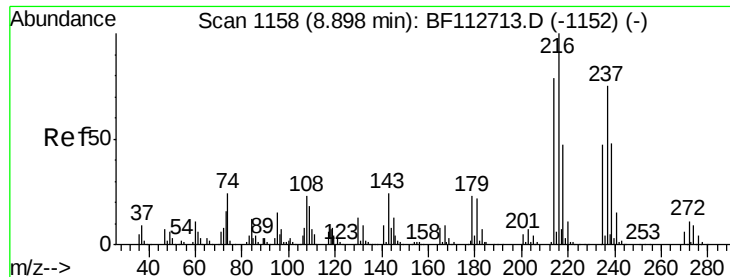
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.6	120.8
160	46.1	36.0	54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.611 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.2	94.8
179	21.2	17.5	26.3
108	21.0	16.7	25.1





#41

Hexachlorocyclopentadiene

Concen: 98.558 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Instrument :

BNA_E

ClientSampleId :

PB117655BS

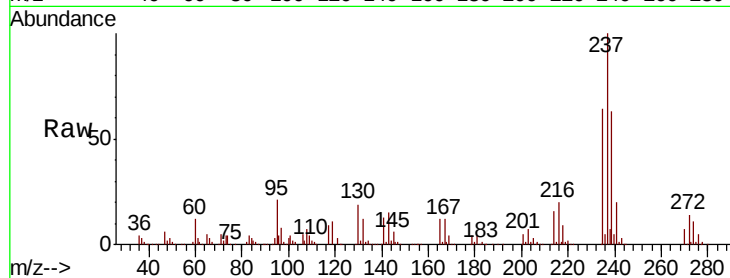
Tot Ion:237 Resp: 610278

Ion Ratio Lower Upper

237 100

235 64.0 42.2 82.2

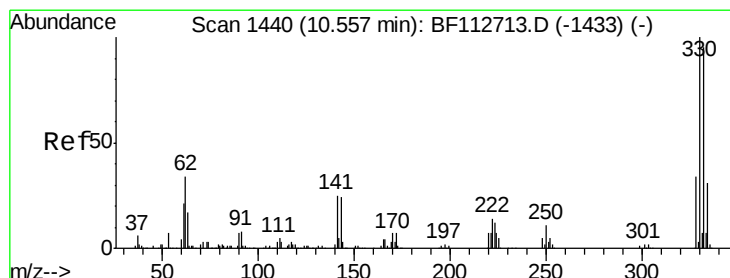
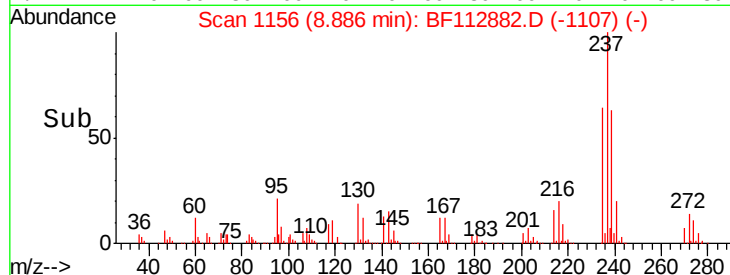
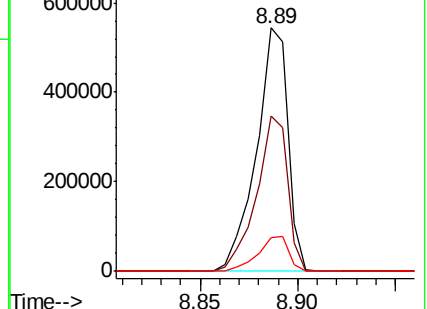
272 13.9 0.0 34.0



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: 133.559 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

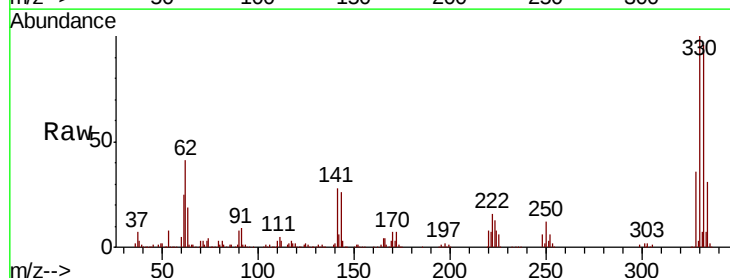
Tgt Ion:330 Resp: 549810

Ion Ratio Lower Upper

330 100

332 95.2 76.2 114.4

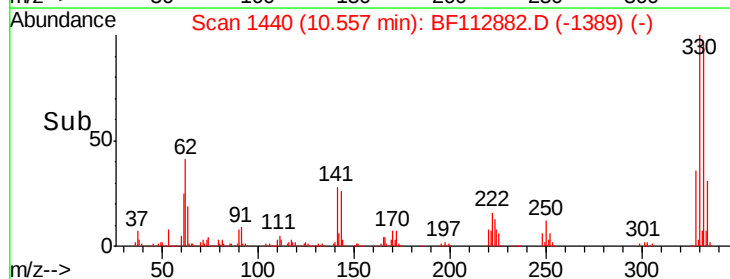
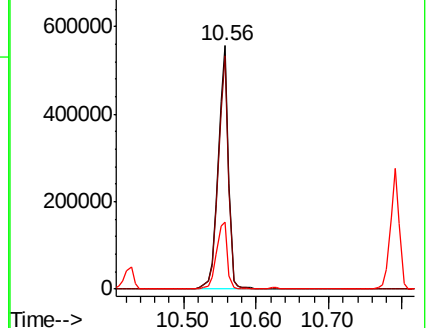
141 29.6 27.0 40.6

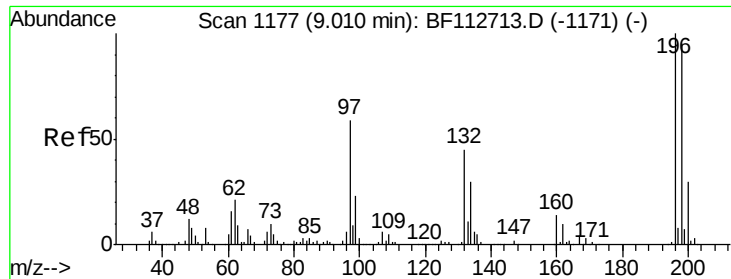


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

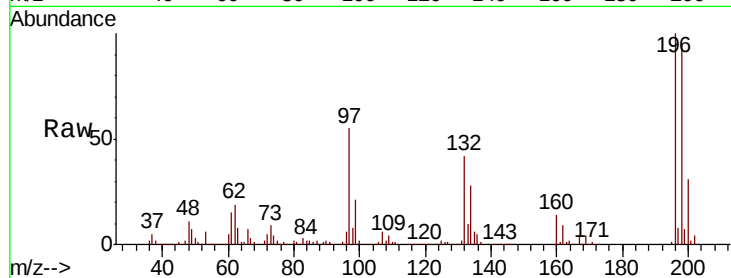




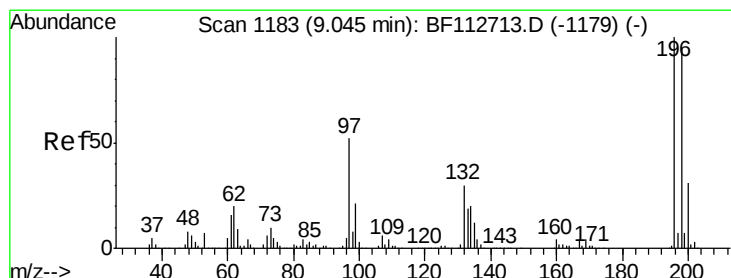
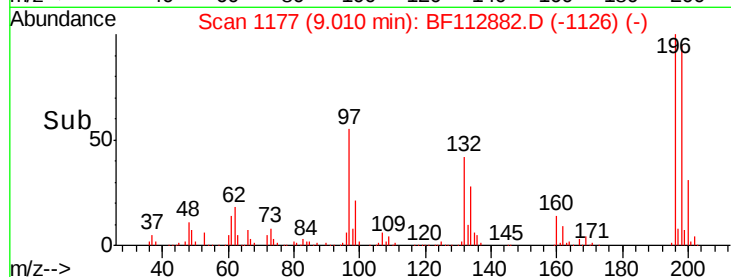
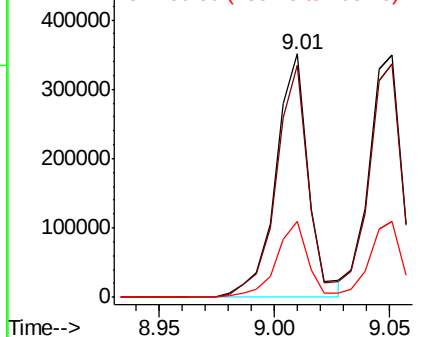
#43
 2,4,6-Trichlorophenol
 Concen: 44.053 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF112882.D
 Acq: 6 Mar 2019 13:50

Instrument :
 BNA_E
 ClientSampleId :
 PB117655BS

Tot Ion:196 Resp: 342828
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.8 113.8
 200 31.2 24.3 36.5

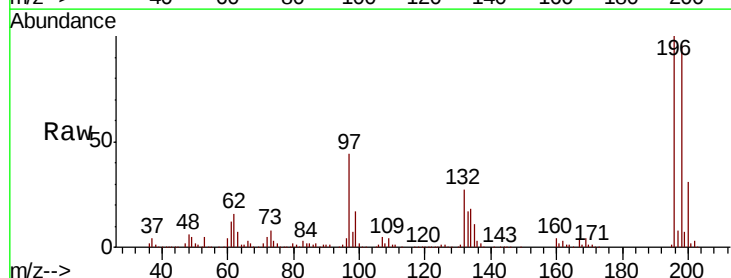


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

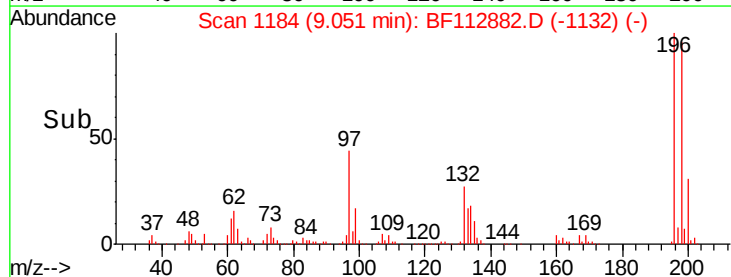
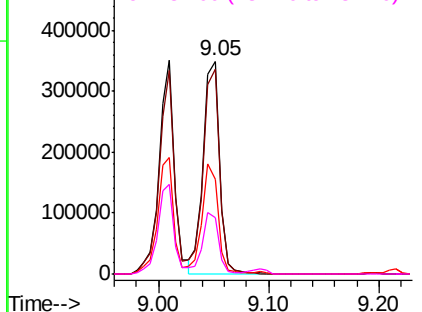


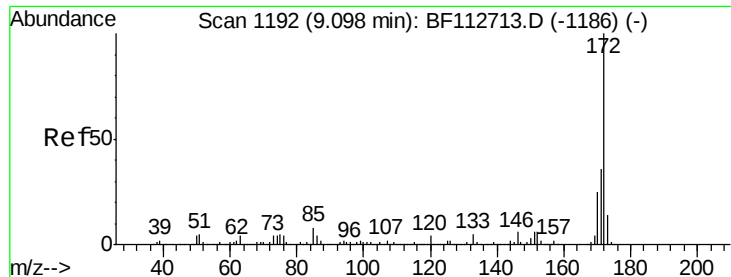
#44
 2,4,5-Trichlorophenol
 Concen: 41.565 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF112882.D
 Acq: 6 Mar 2019 13:50

Tgt Ion:196 Resp: 349633
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.2 114.2
 97 44.5 41.5 62.3
 132 26.7 23.9 35.9



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

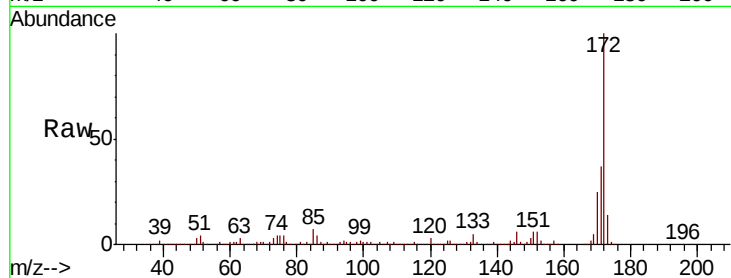




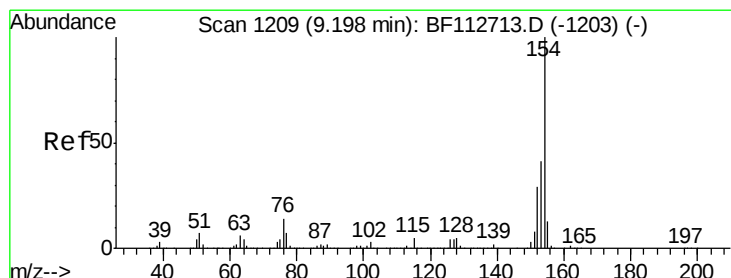
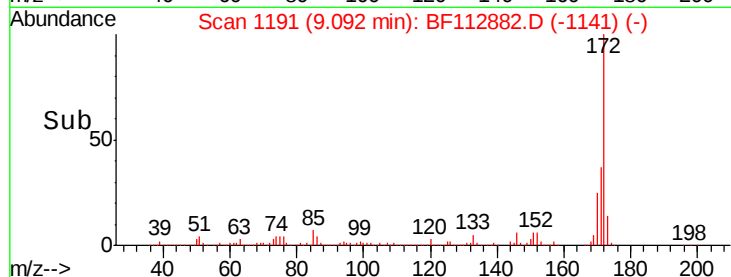
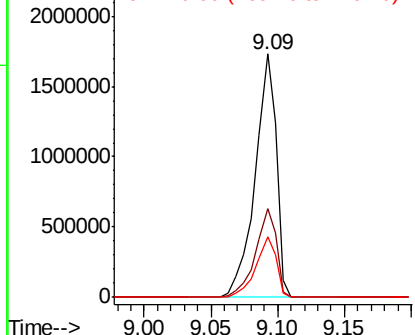
#45
2-Fluorobiphenyl
Concen: 78.525 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_E
ClientSampleId :
PB117655BS

Tot Ion:172 Resp: 1875168
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 24.7 20.0 30.0

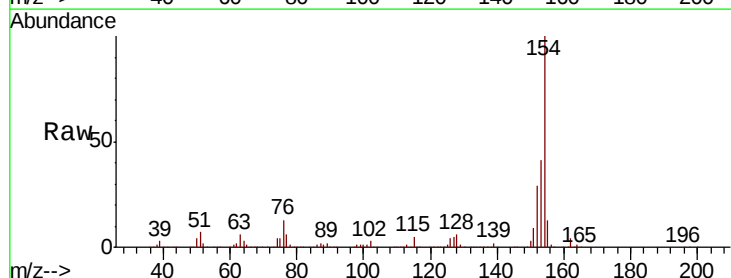


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

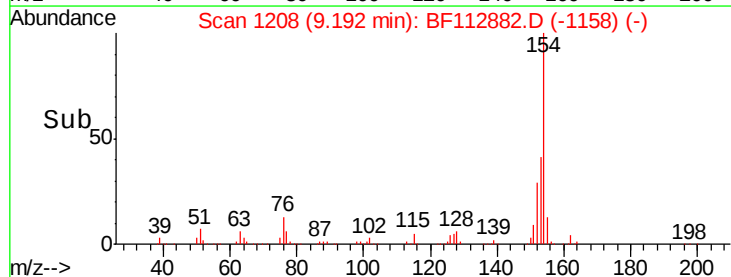
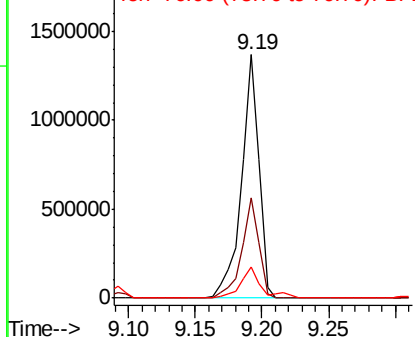


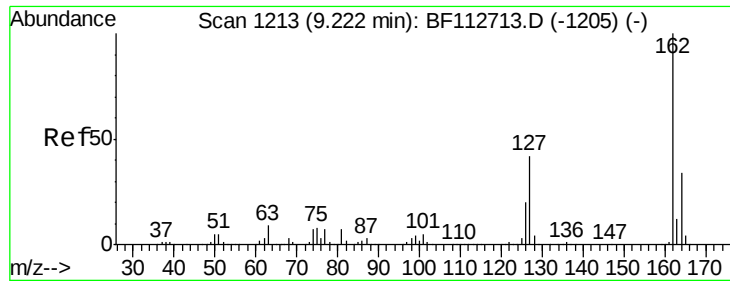
#46
1,1'-Biphenyl
Concen: 39.290 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion:154 Resp: 1242661
Ion Ratio Lower Upper
154 100
153 41.4 20.8 60.8
76 13.0 0.0 33.8



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

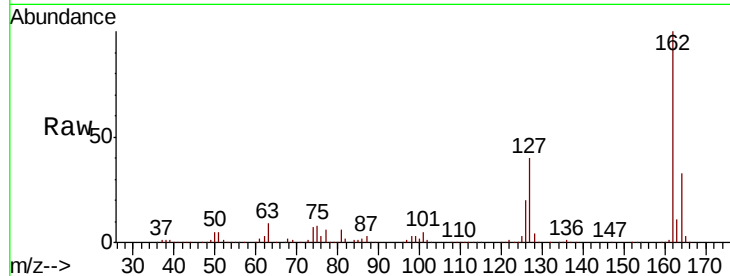




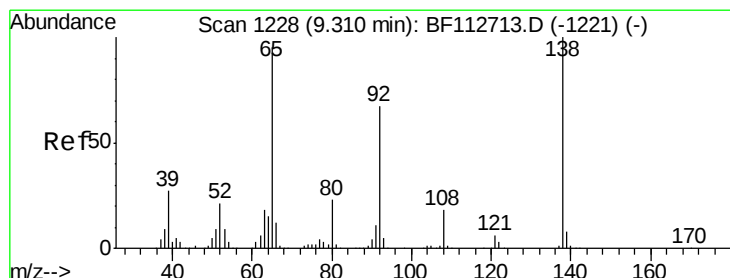
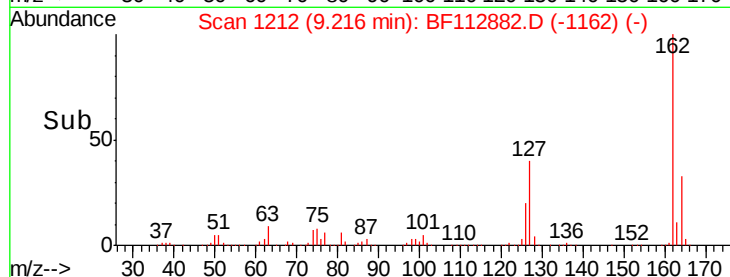
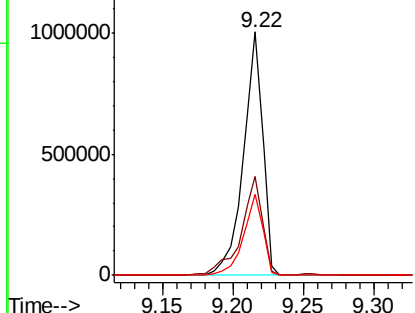
#47
2-Chloronaphthalene
Concen: 38.828 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_E
ClientSampleId :
PB117655BS

Tot Ion:162 Resp: 958902
Ion Ratio Lower Upper
162 100
127 40.5 33.4 50.2
164 33.2 26.9 40.3

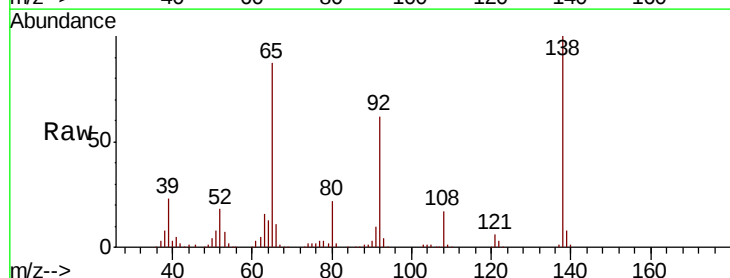


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

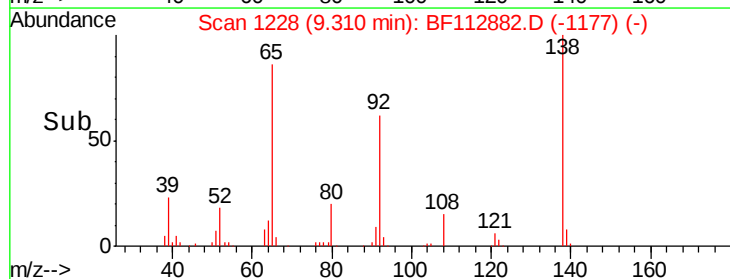
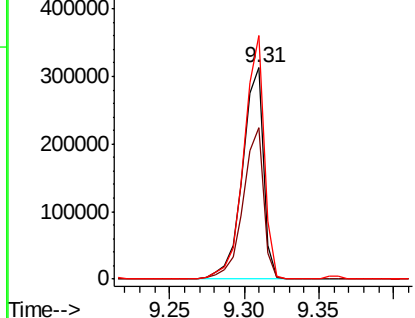


#48
2-Nitroaniline
Concen: 40.602 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion: 65 Resp: 304786
Ion Ratio Lower Upper
65 100
92 72.0 56.4 84.6
138 115.3 84.6 126.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 36.871 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Instrument :

BNA_E

ClientSampleId :

PB117655BS

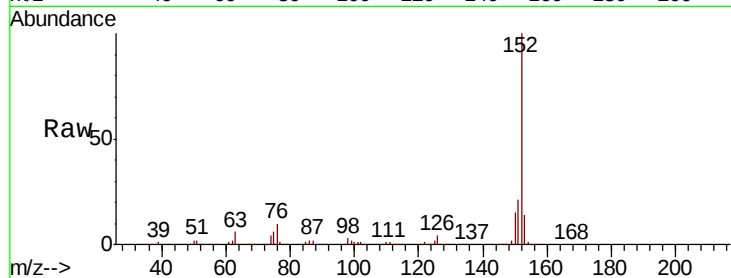
Tot Ion:152 Resp: 1545873

Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

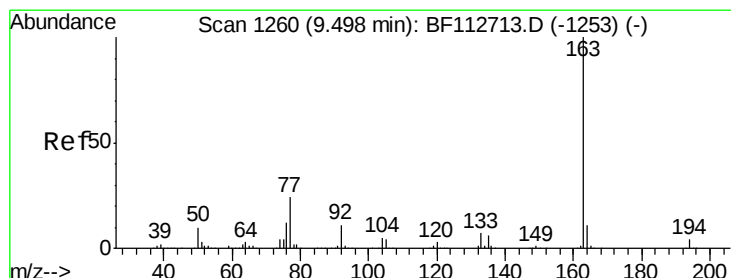
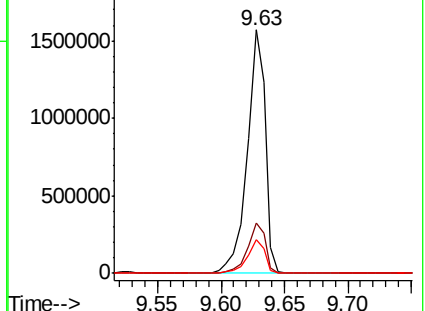
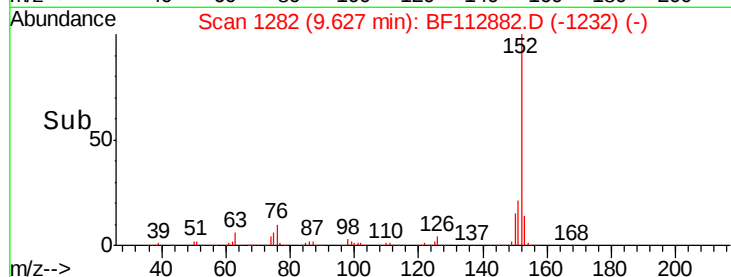
153 13.9 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.504 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

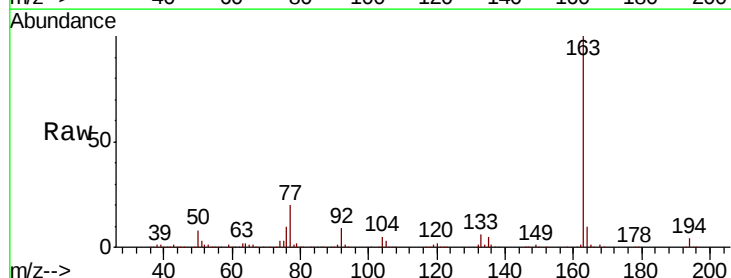
Tgt Ion:163 Resp: 1129496

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

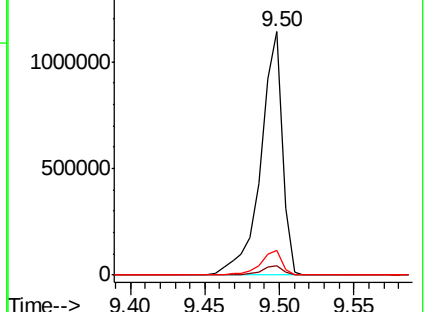
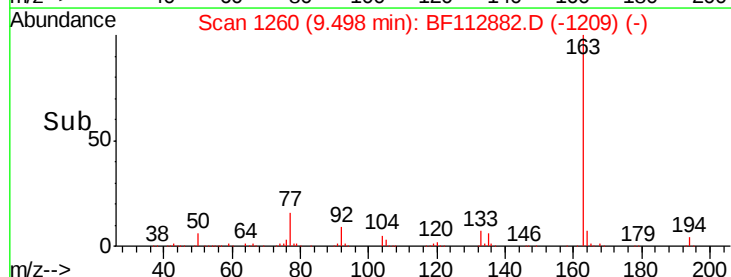
164 9.9 8.4 12.6

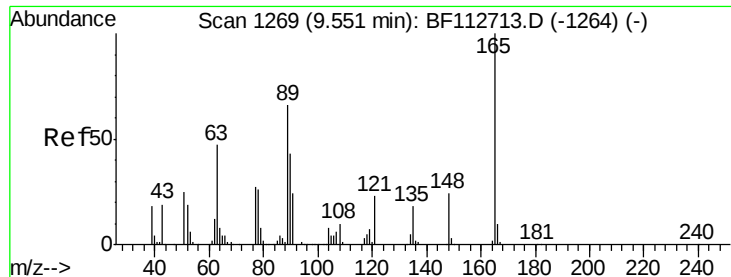


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

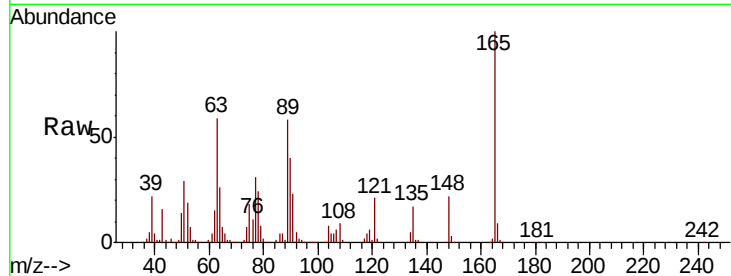




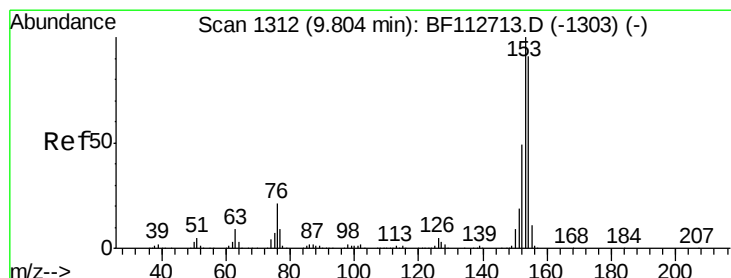
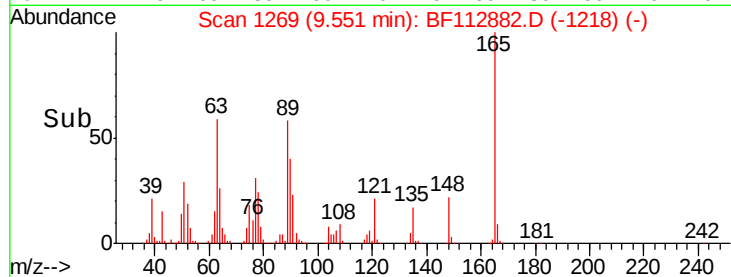
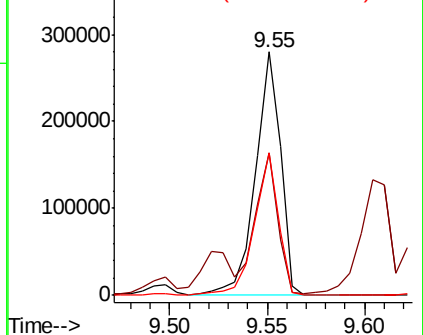
#51
2,6-Dinitrotoluene
Concen: 42.027 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_E
ClientSampleId :
PB117655BS

Tot Ion:165 Resp: 250226
Ion Ratio Lower Upper
165 100
63 58.8 54.1 81.1
89 58.3 52.8 79.2

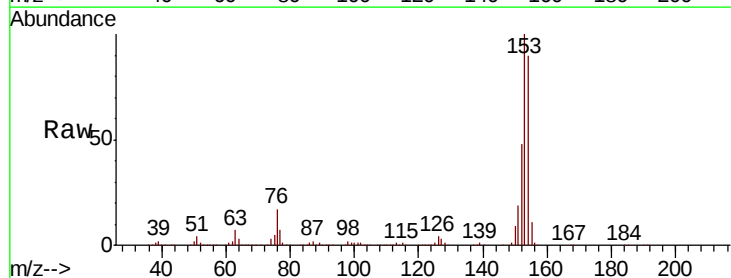


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

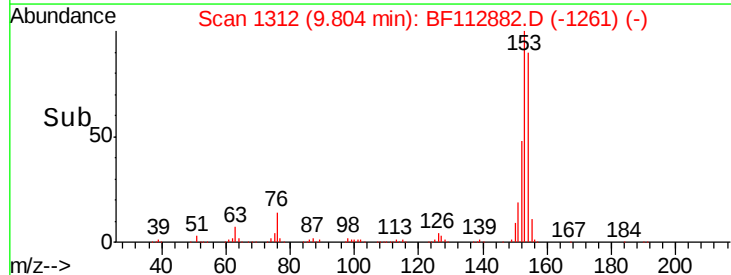
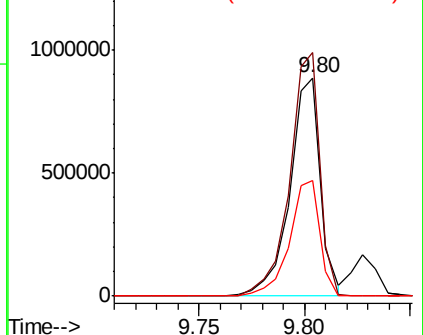


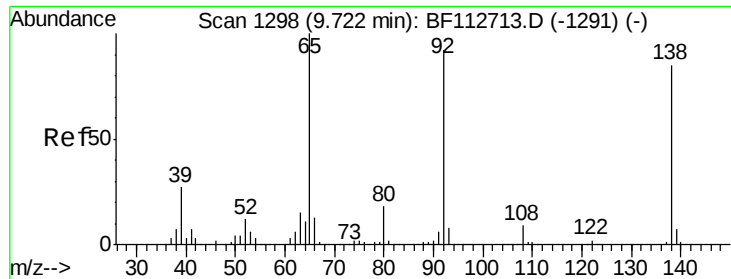
#52
Acenaphthene
Concen: 36.470 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion:154 Resp: 894178
Ion Ratio Lower Upper
154 100
153 111.5 87.8 131.8
152 53.1 43.0 64.6



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

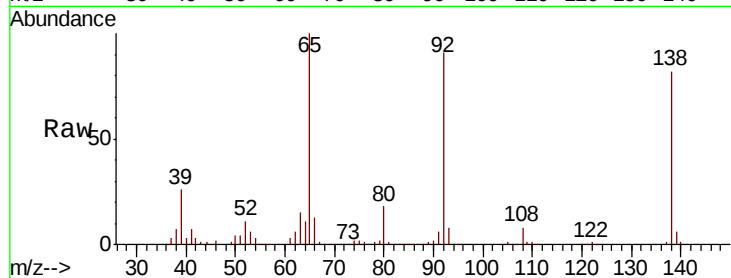




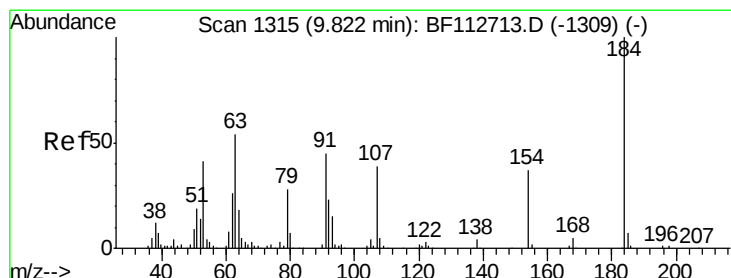
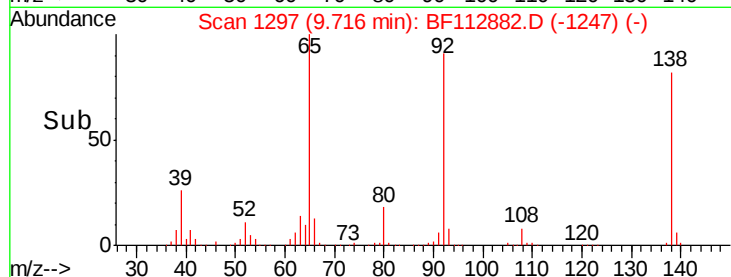
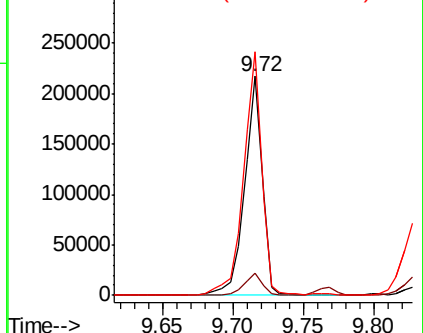
#53
3-Nitroaniline
Concen: 26.297 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_E
ClientSampleId :
PB117655BS

Tot Ion:138 Resp: 190786
Ion Ratio Lower Upper
138 100
108 9.9 8.6 13.0
92 111.3 86.6 129.8

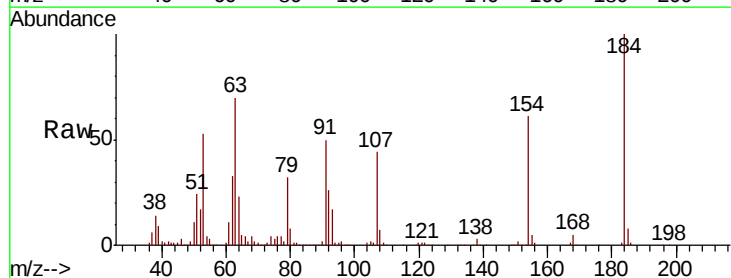


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

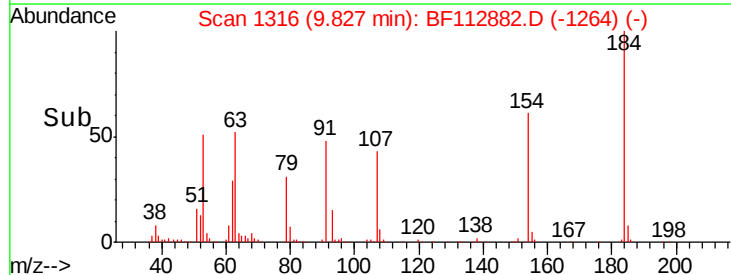
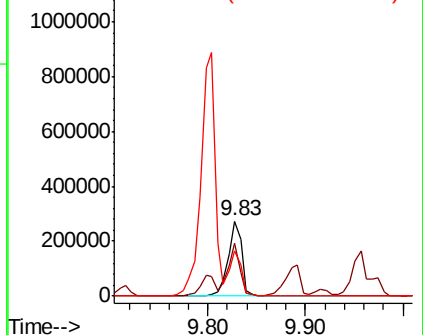


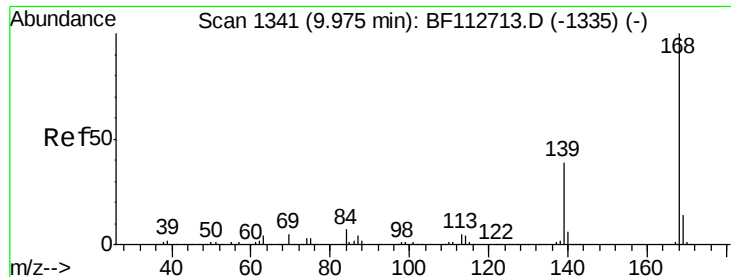
#54
2,4-Dinitrophenol
Concen: 107.293 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion:184 Resp: 267138
Ion Ratio Lower Upper
184 100
63 70.5 45.3 67.9#
154 60.7 46.0 69.0



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

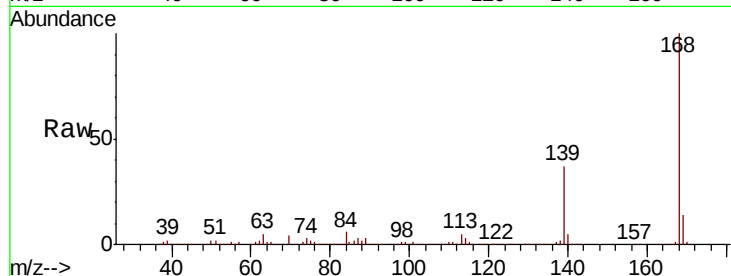




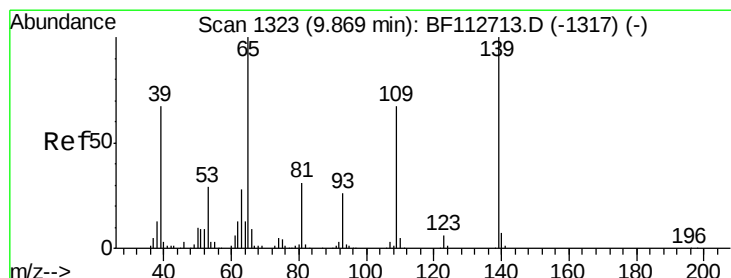
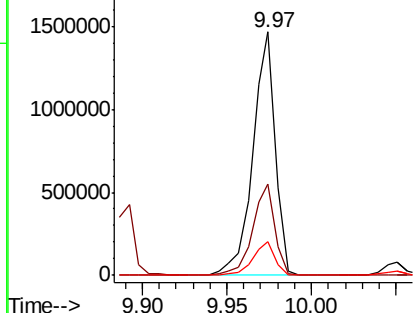
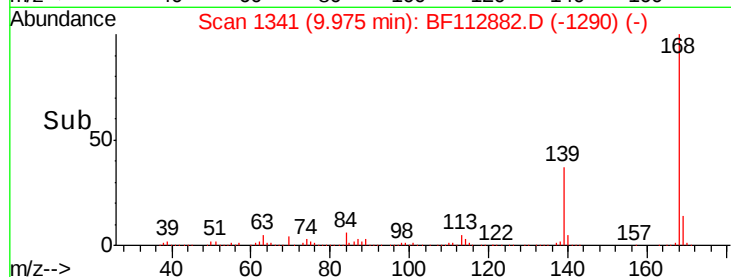
#55
Dibenzenofuran
Concen: 38.150 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_E
ClientSampleId :
PB117655BS

Tot Ion:168 Resp: 1359455
Ion Ratio Lower Upper
168 100
139 37.5 31.3 46.9
169 13.8 11.3 16.9

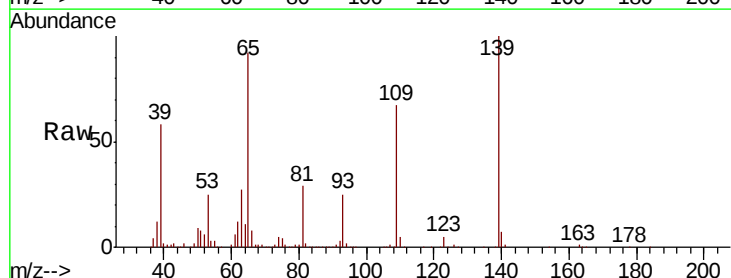


Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

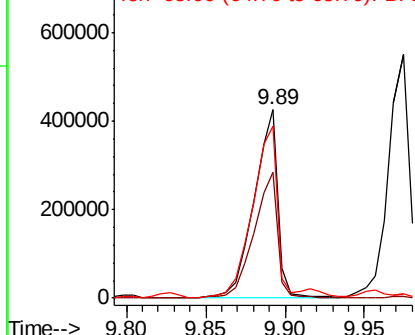
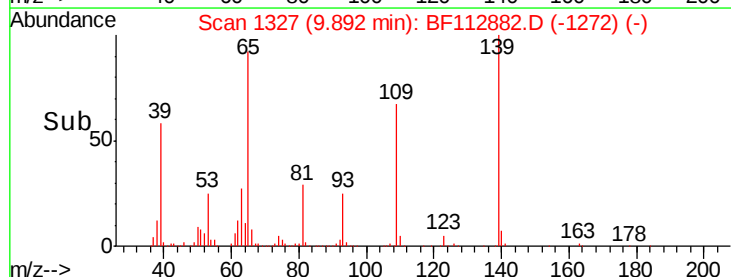


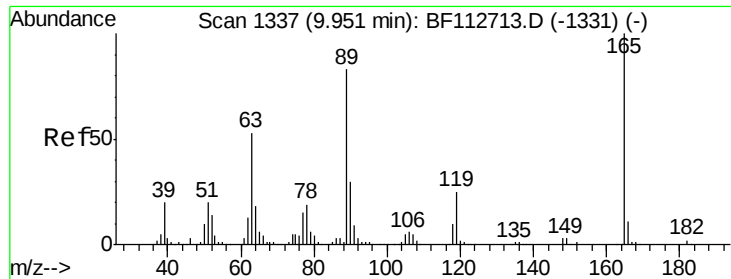
#56
4-Nitrophenol
Concen: 75.900 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.02 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion:139 Resp: 447525
Ion Ratio Lower Upper
139 100
109 67.2 46.8 86.8
65 91.6 80.7 120.7



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

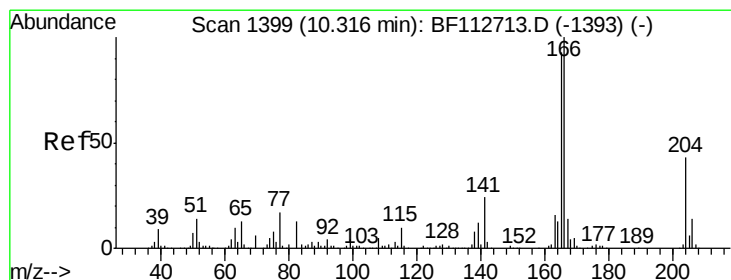
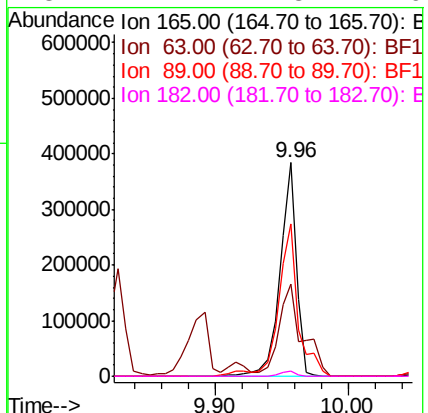
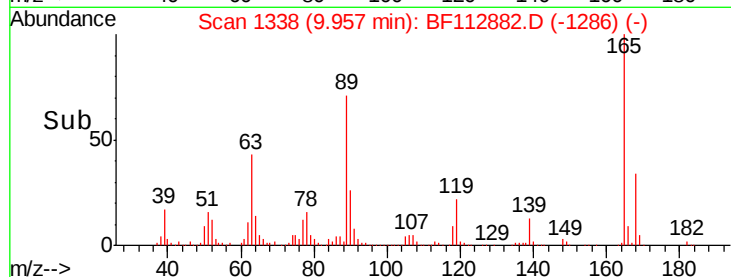
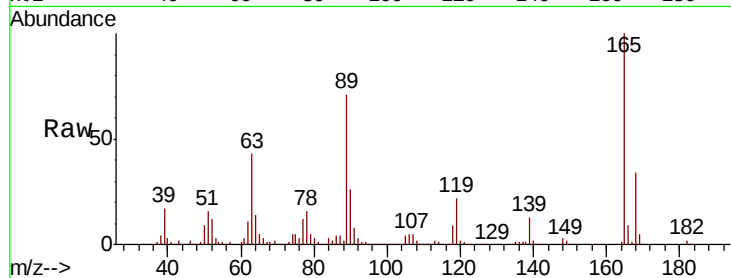




#57
2,4-Dinitrotoluene
Concen: 44.902 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

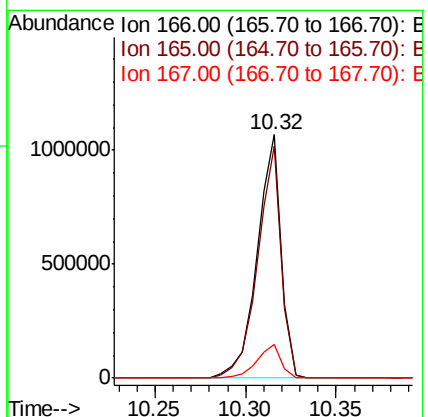
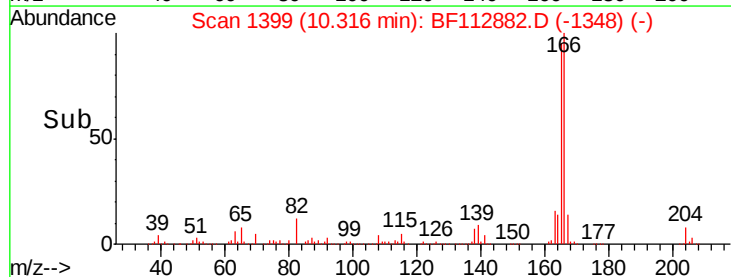
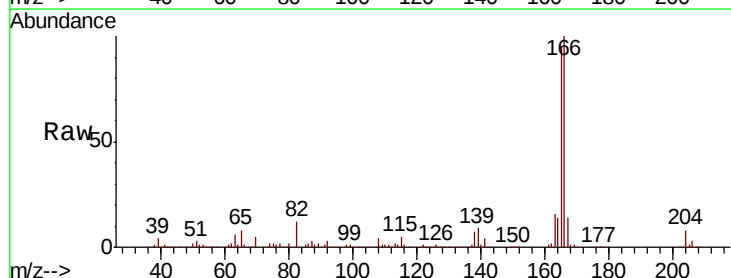
Instrument :
BNA_E
ClientSampleId :
PB117655BS

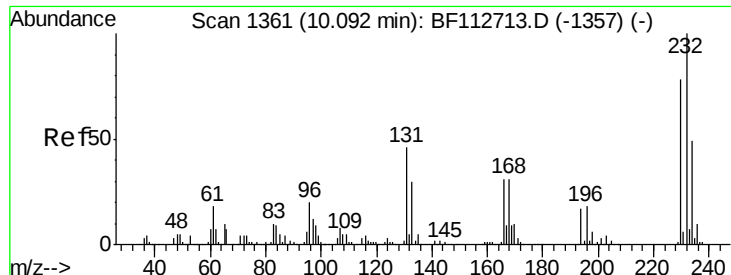
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.3	42.2	63.2
89	71.4	66.2	99.4
182	2.4	1.8	2.6



#58
Fluorene
Concen: 38.725 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.5	74.7	112.1
167	13.9	11.0	16.6

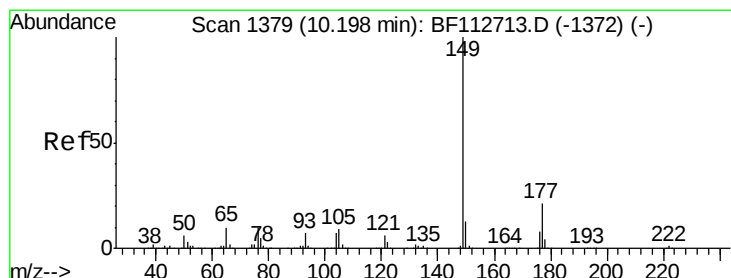
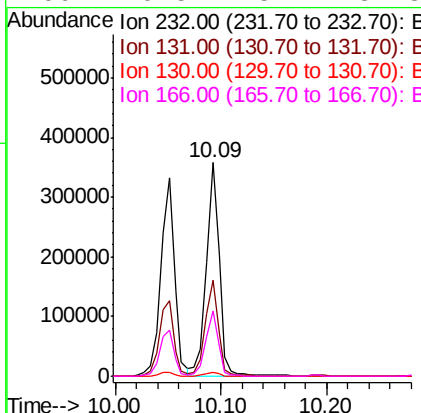
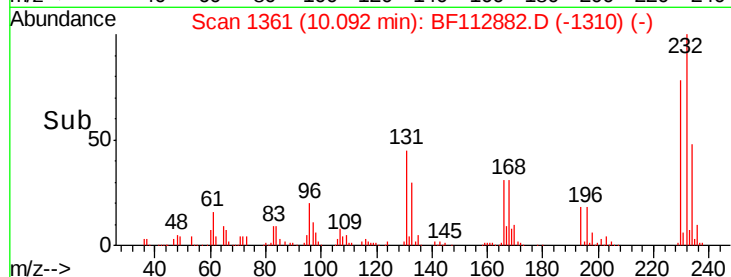
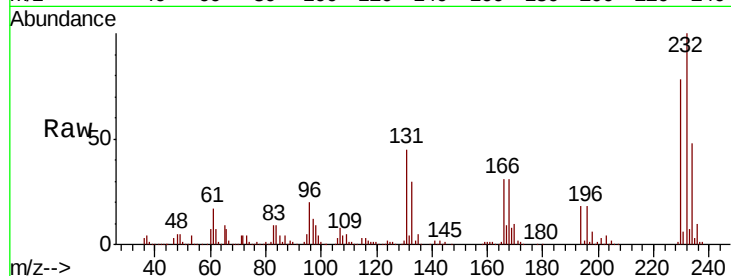




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.963 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: BF112882.D
 Acq: 6 Mar 2019 13:50

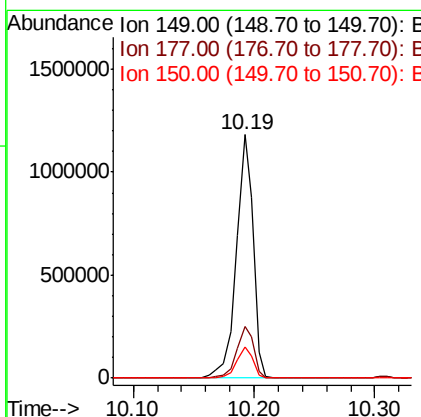
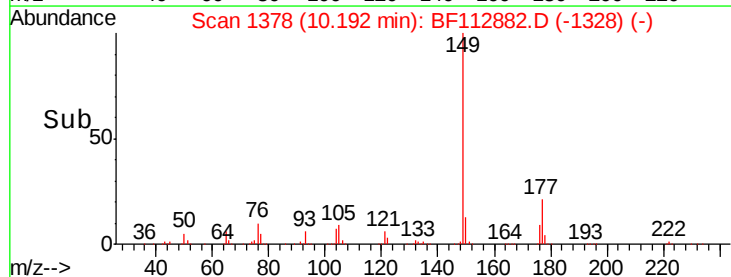
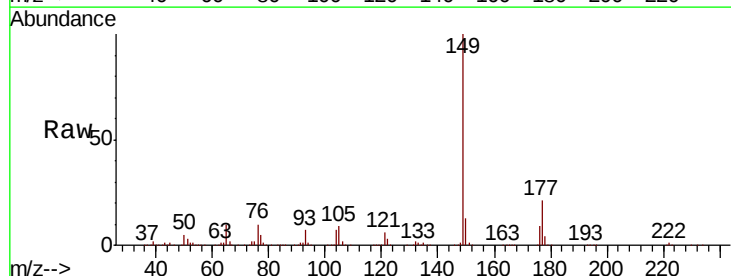
Instrument :
 BNA_E
 ClientSampleId :
 PB117655BS

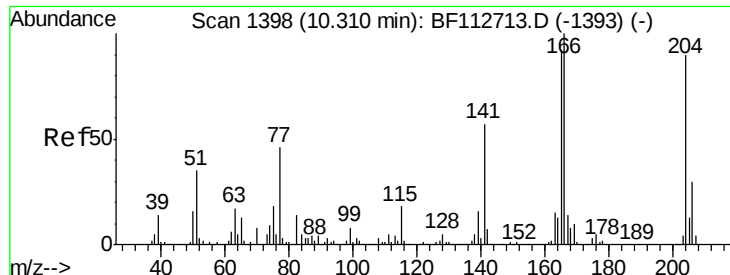
Tot Ion:	232	Resp:	308098
Ion	Ratio	Lower	Upper
232	100		
131	44.9	38.7	58.1
130	2.0	1.9	2.9
166	29.5	25.2	37.8



#60
 Diethylphthalate
 Concen: 37.974 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.01 min
 Lab File: BF112882.D
 Acq: 6 Mar 2019 13:50

Tgt Ion:	149	Resp:	1146723
Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.0	25.6
150	12.8	10.0	15.0

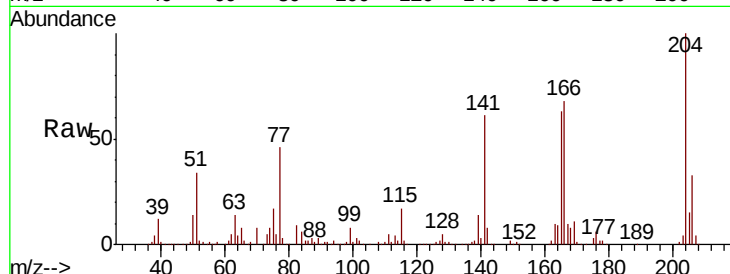




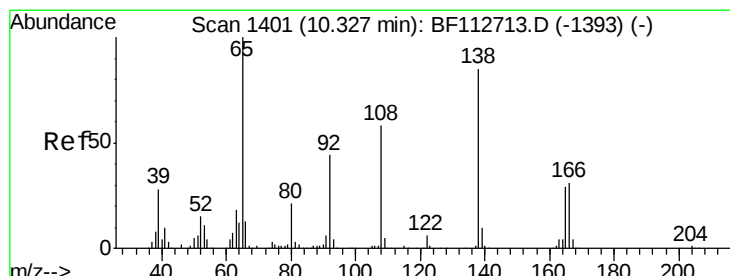
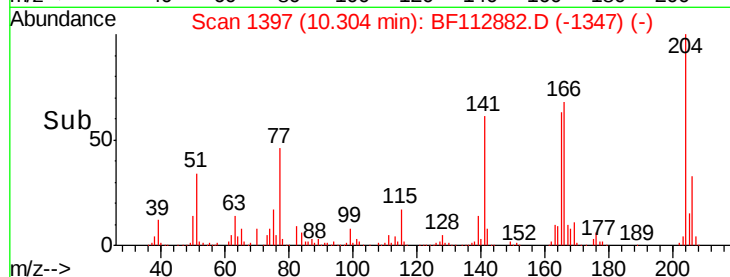
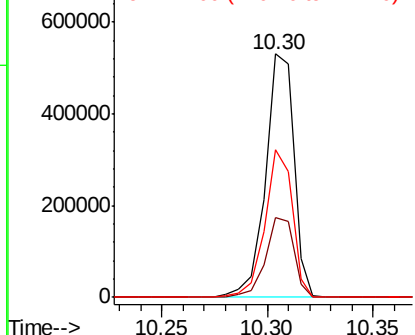
#61
4-Chlorophenyl-phenylether
Concen: 42.267 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_E
ClientSampleId :
PB117655BS

Tot Ion:204 Resp: 497376
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 60.8 50.8 76.2

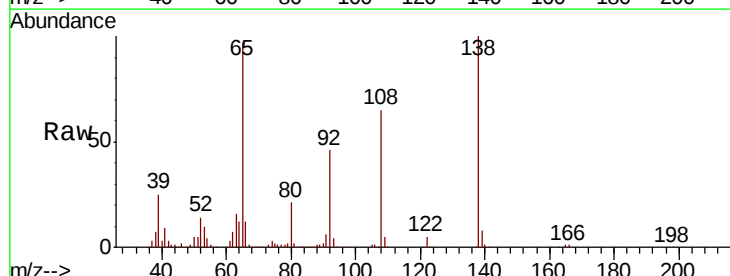


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

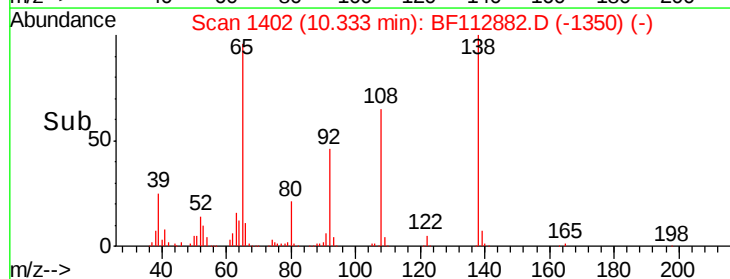
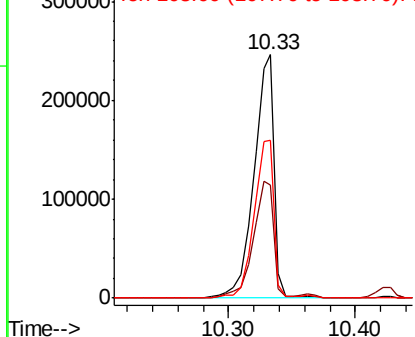


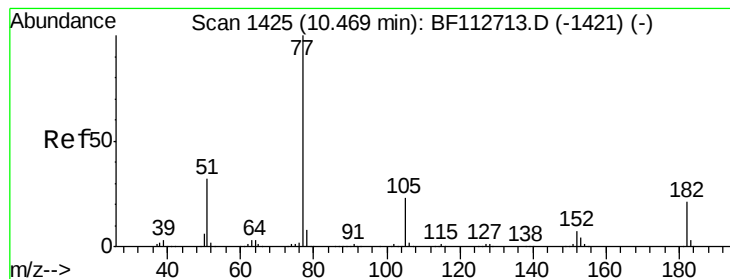
#62
4-Nitroaniline
Concen: 41.011 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion:138 Resp: 274936
Ion Ratio Lower Upper
138 100
92 46.3 31.3 71.3
108 65.1 48.1 88.1



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: 34.946 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Instrument :

BNA_E

ClientSampleId :

PB117655BS

Tot Ion: 77 Resp: 1080871

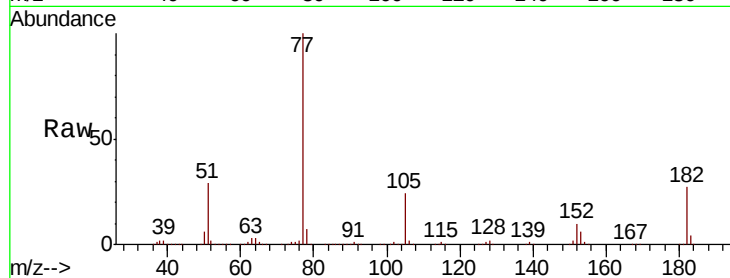
Ion Ratio Lower Upper

77 100

182 27.0 1.4 41.4

105 23.5 2.6 42.6

51 29.0 12.0 52.0

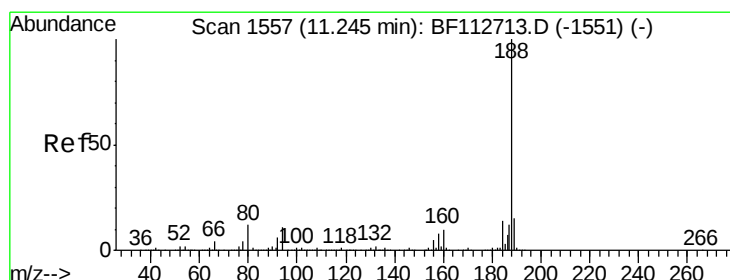
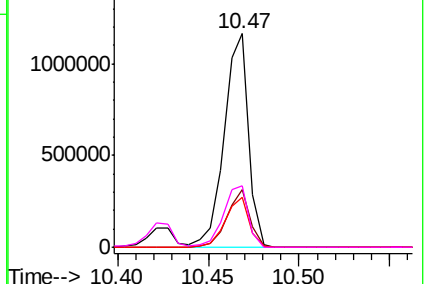
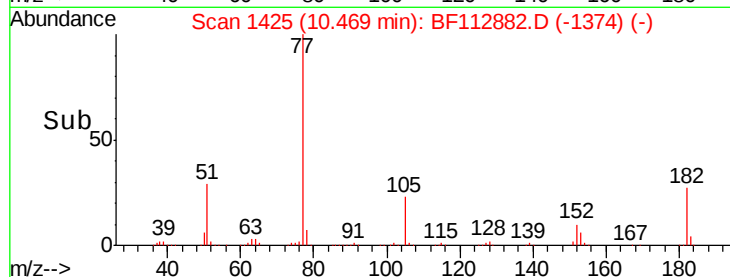


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

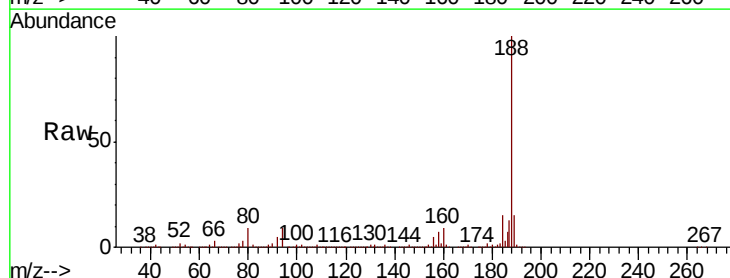
Tgt Ion: 188 Resp: 759746

Ion Ratio Lower Upper

188 100

94 9.2 9.0 13.4

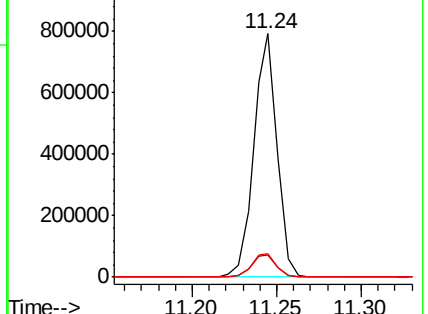
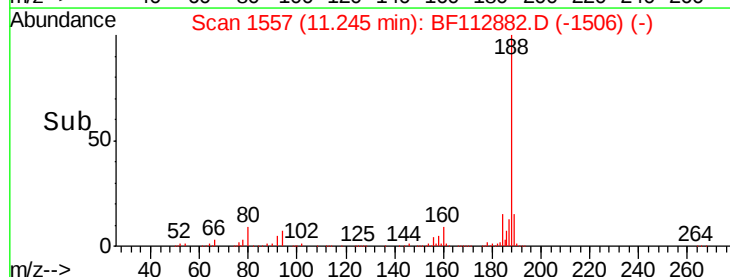
80 9.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

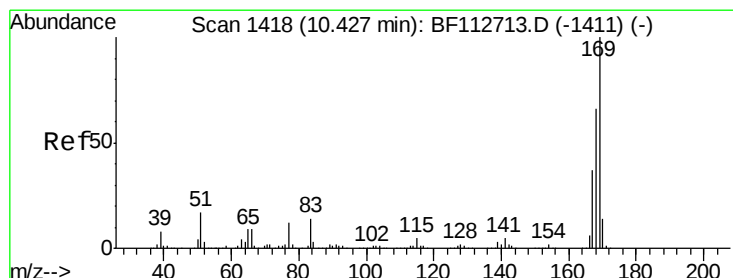
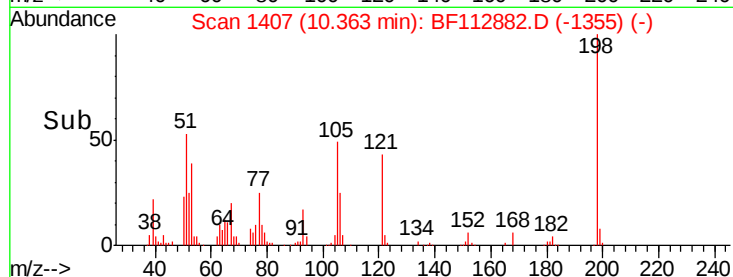
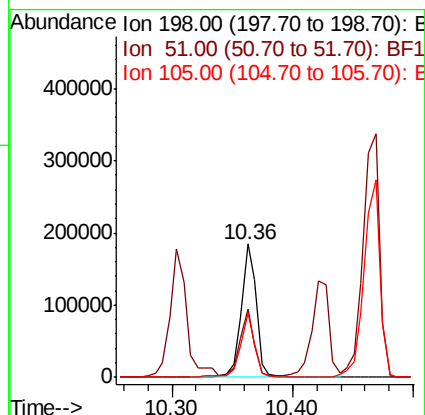
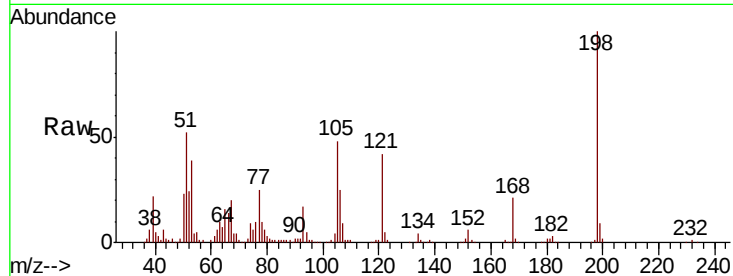




#65
4,6-Dinitro-2-methylphenol
Concen: 51.369 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

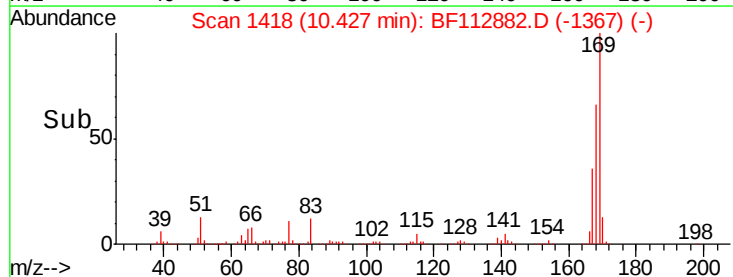
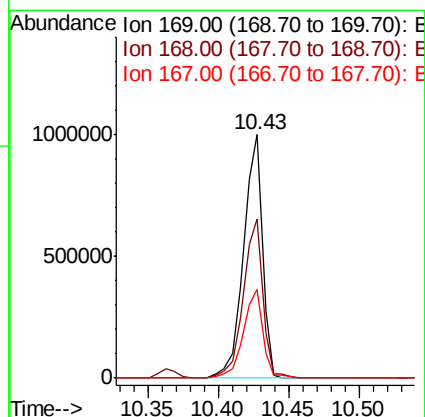
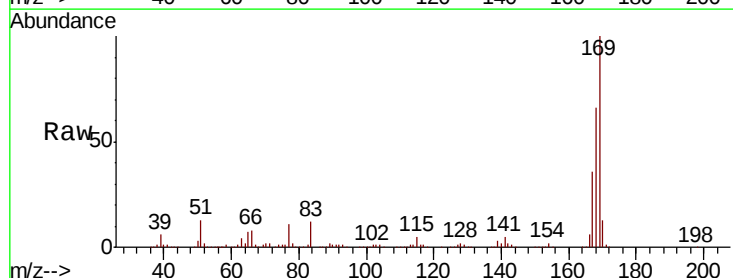
Instrument :
BNA_E
ClientSampleId :
PB117655BS

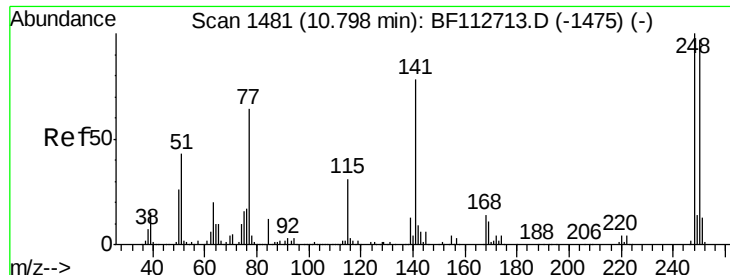
Tot Ion:198 Resp: 161478
Ion Ratio Lower Upper
198 100
51 51.6 43.8 83.8
105 47.8 36.5 76.5



#66
n-Nitrosodiphenylamine
Concen: 38.319 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion:169 Resp: 933681
Ion Ratio Lower Upper
169 100
168 65.6 53.0 79.6
167 36.3 29.3 43.9

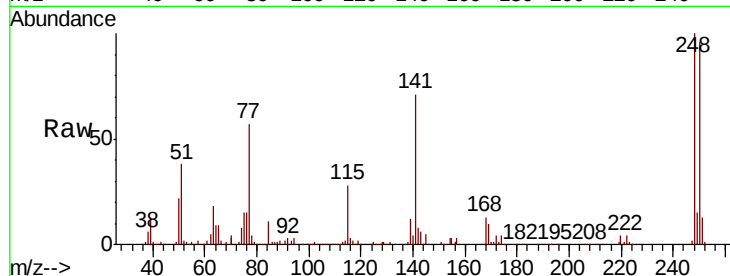




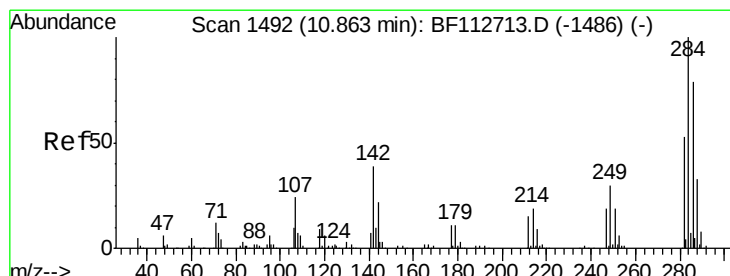
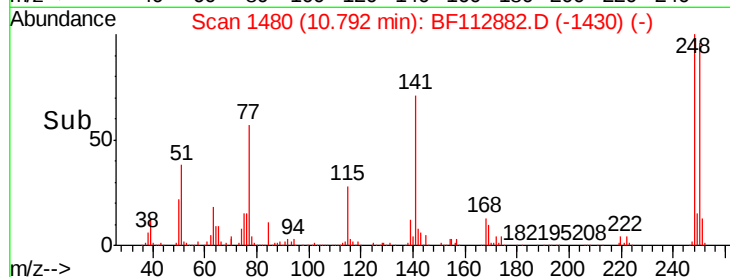
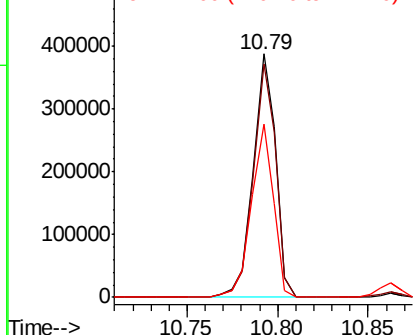
#67
4-Bromophenyl-phenylether
Concen: 41.624 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_E
ClientSampleId :
PB117655BS

Tot Ion:248 Resp: 333094
Ion Ratio Lower Upper
248 100
250 96.0 77.5 116.3
141 71.3 62.4 93.6

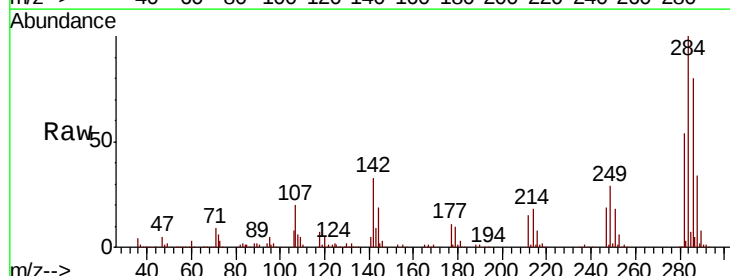


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

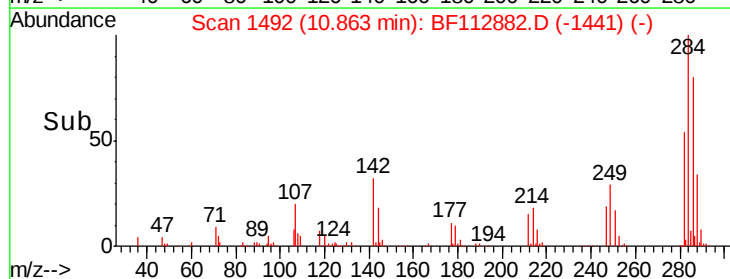
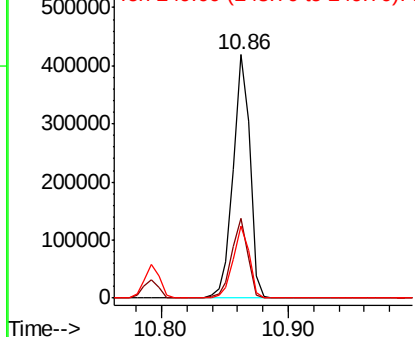


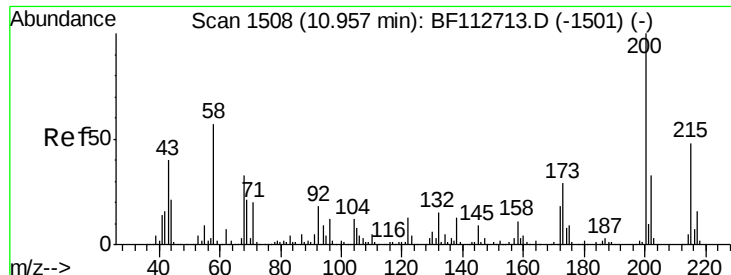
#68
Hexachlorobenzene
Concen: 42.067 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion:284 Resp: 379474
Ion Ratio Lower Upper
284 100
142 33.0 31.0 46.6
249 29.4 23.6 35.4



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

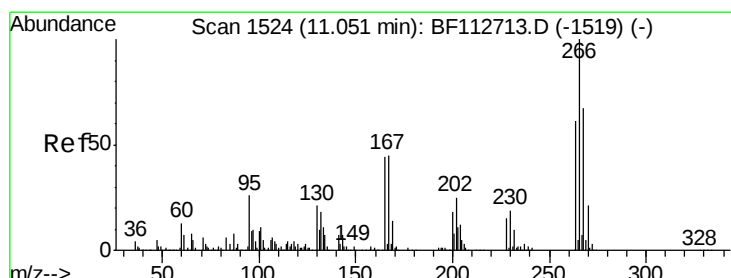
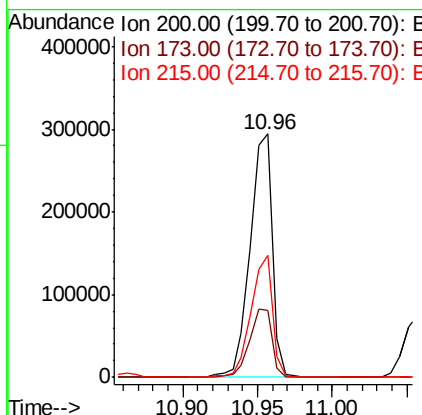
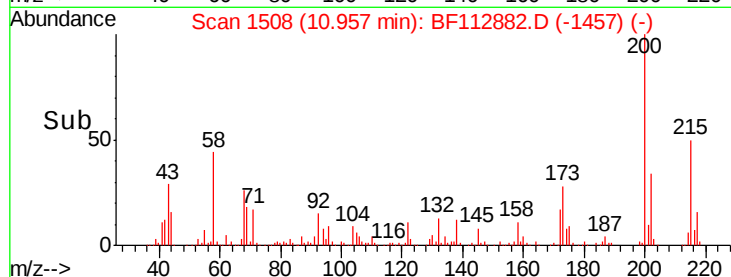
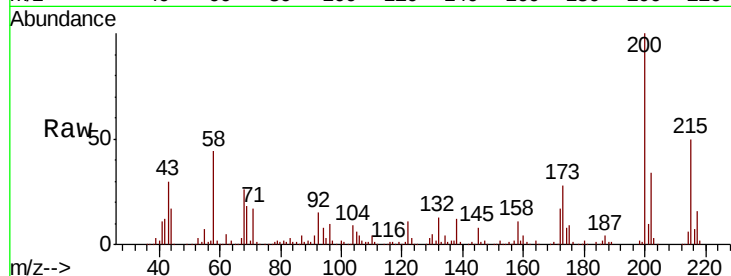




#69
Atrazine
Concen: 40.514 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

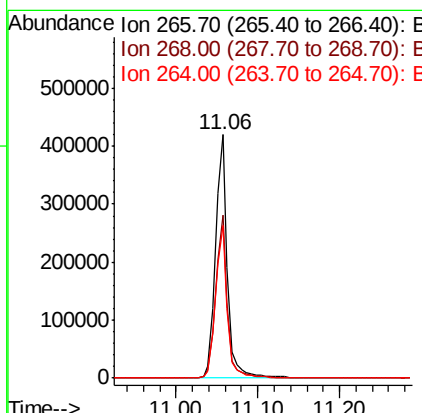
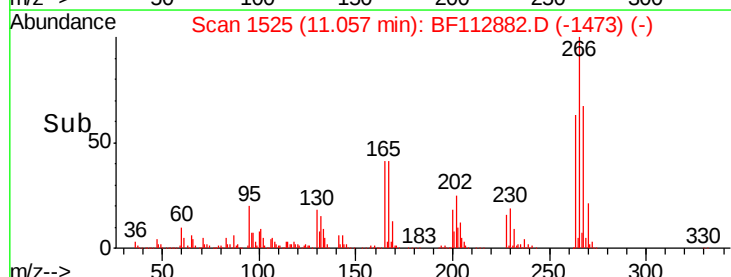
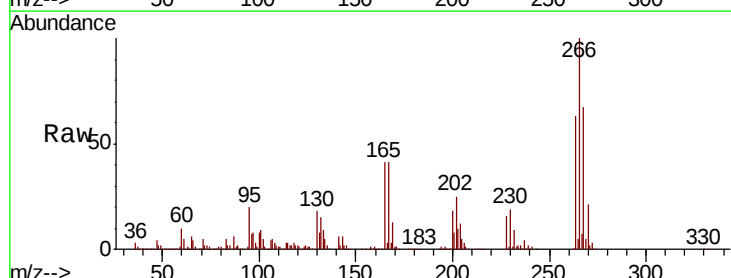
Instrument :
BNA_E
ClientSampleId :
PB117655BS

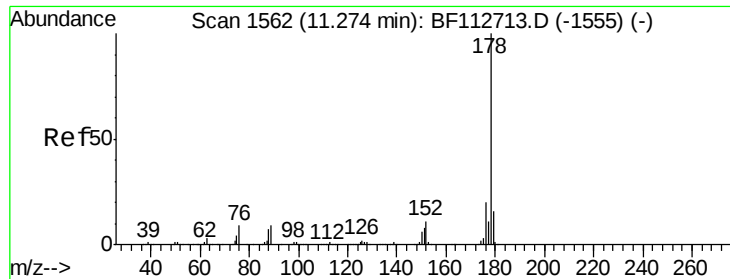
Tot Ion:200 Resp: 302336
Ion Ratio Lower Upper
200 100
173 27.7 9.1 49.1
215 50.2 28.2 68.2



#70
Pentachlorophenol
Concen: 80.549 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion:266 Resp: 427665
Ion Ratio Lower Upper
266 100
268 66.9 53.3 79.9
264 62.6 48.9 73.3





#71

Phenanthrene

Concen: 39.039 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Instrument :

BNA_E

ClientSampleId :

PB117655BS

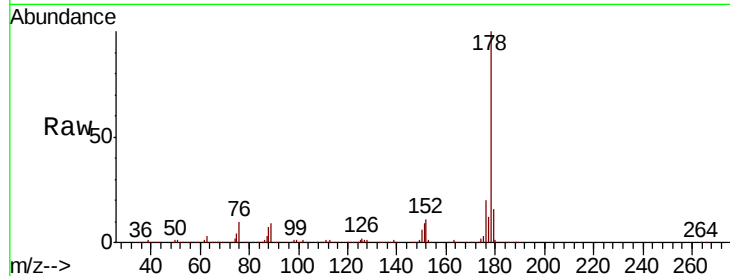
Tot Ion:178 Resp: 1475675

Ion Ratio Lower Upper

178 100

176 20.4 16.3 24.5

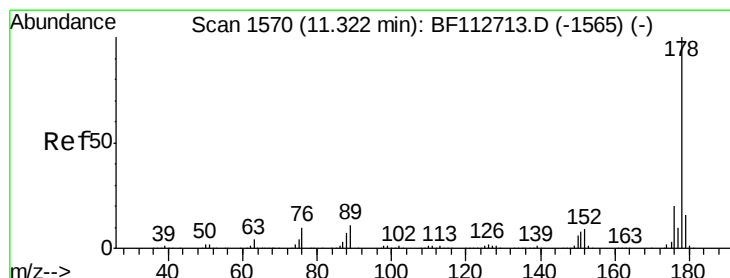
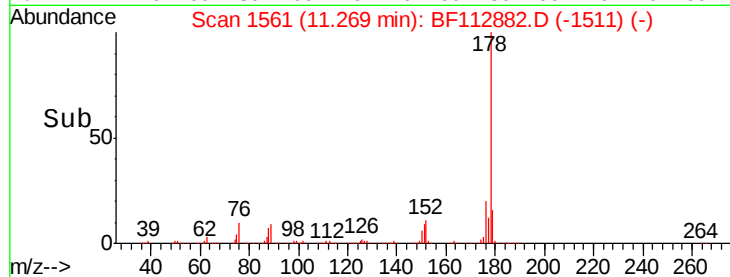
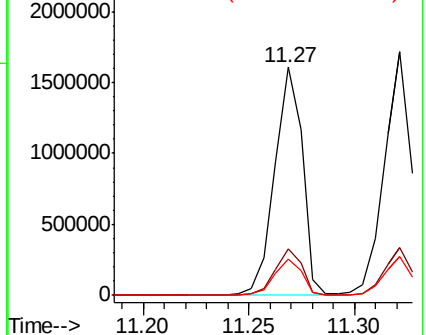
179 16.0 12.7 19.1



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: 38.360 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

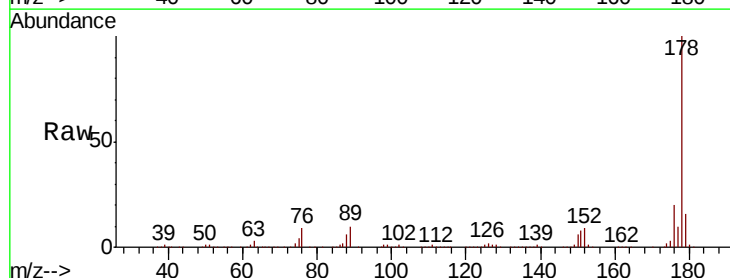
Tgt Ion:178 Resp: 1517870

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

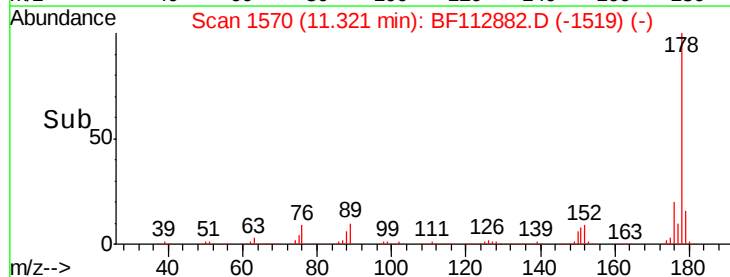
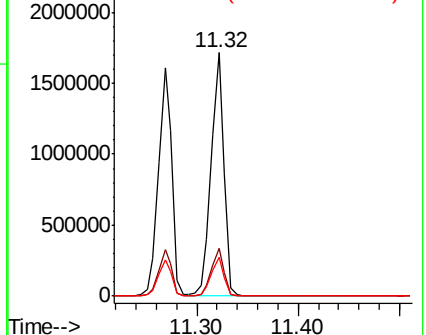
179 16.1 13.0 19.6

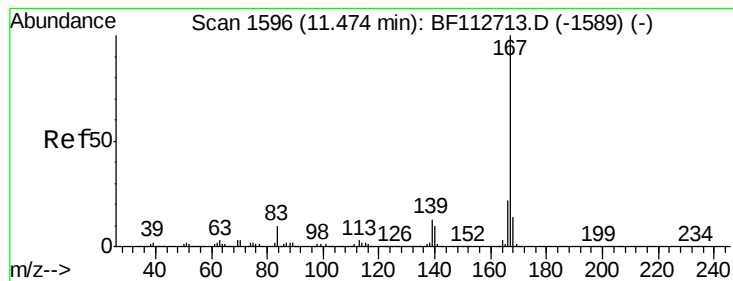


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 36.208 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Instrument :

BNA_E

ClientSampleId :

PB117655BS

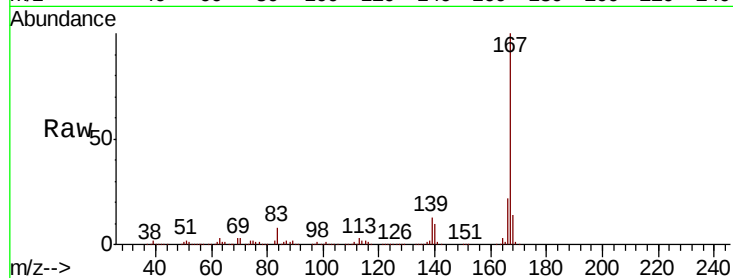
Tot Ion:167 Resp: 1397608

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.5	26.3
139	13.4	10.8	16.2

167 100

166 21.8 17.5 26.3

139 13.4 10.8 16.2

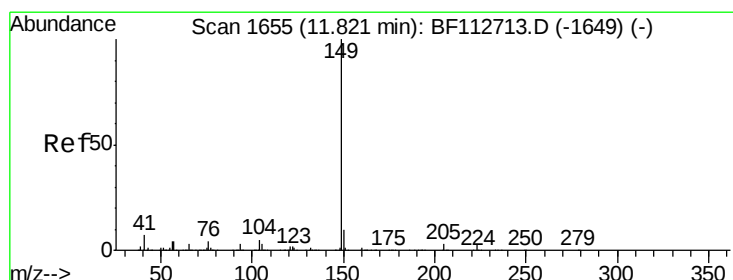
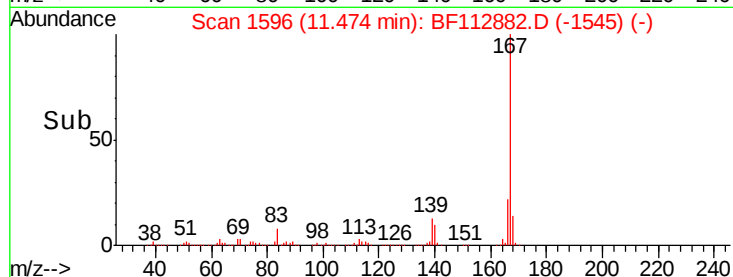
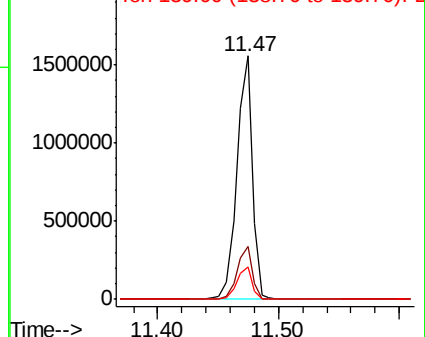


Abundance

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: 35.786 ng

RT: 11.81 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

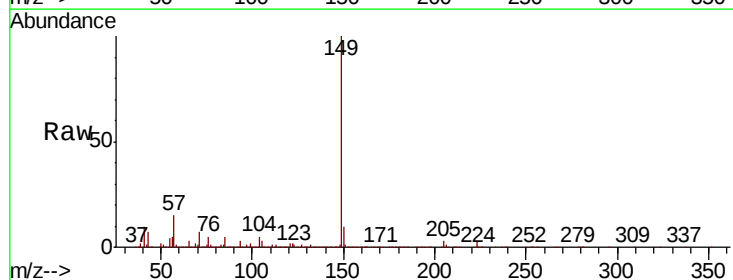
Tgt Ion:149 Resp: 1656298

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	4.9	3.7	5.5

149 100

150 9.6 7.6 11.4

104 4.9 3.7 5.5

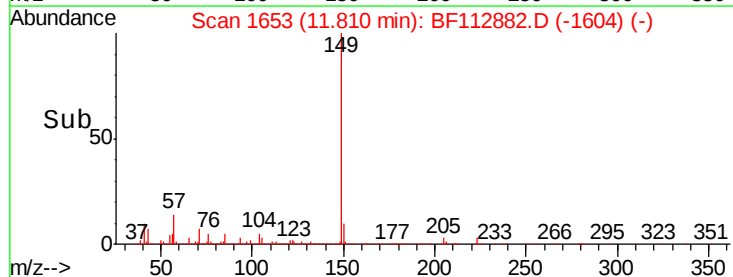
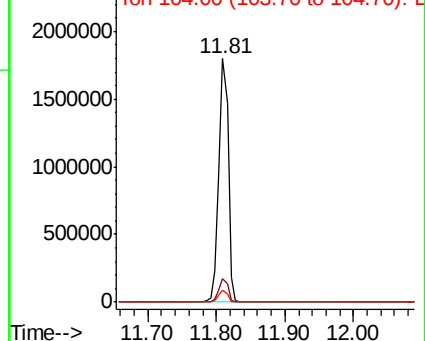


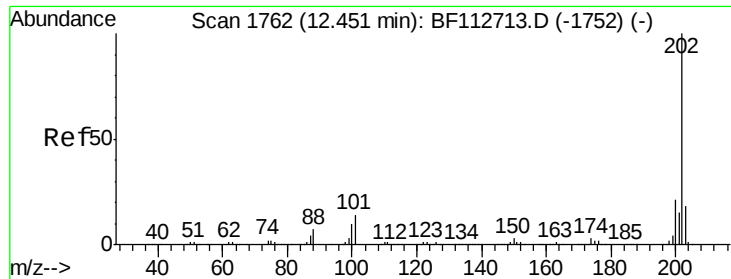
Abundance

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: 38.136 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Instrument :

BNA_E

ClientSampleId :

PB117655BS

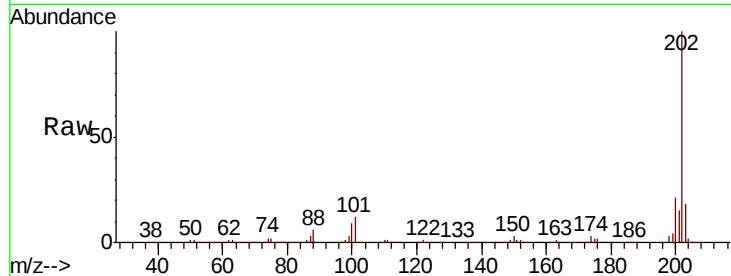
Tot Ion:202 Resp: 1544470

Ion Ratio Lower Upper

202 100

101 11.7 0.0 33.8

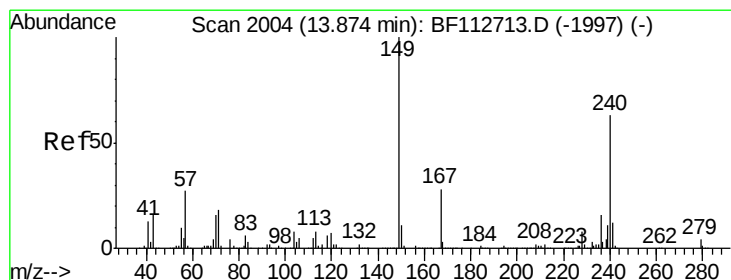
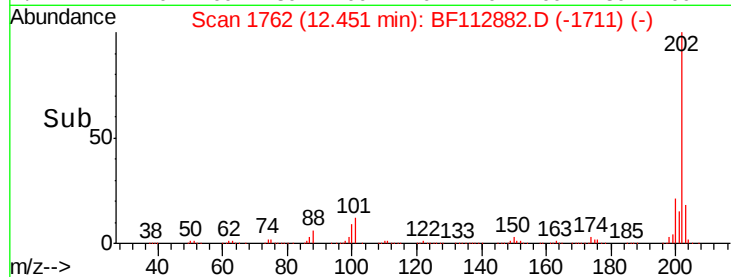
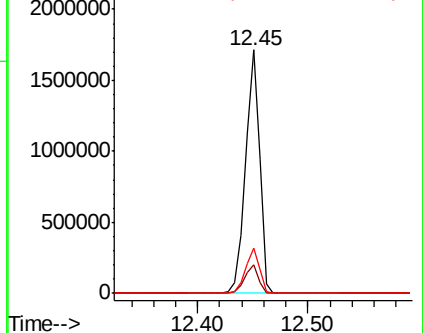
203 18.5 0.0 38.4



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: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

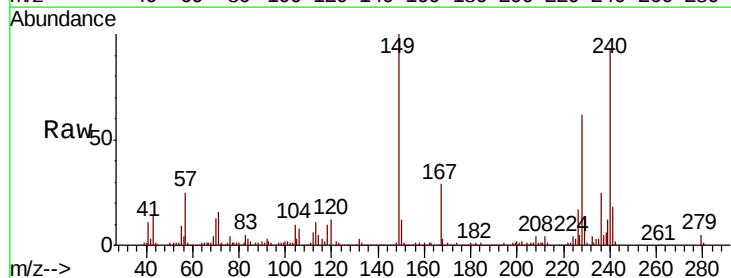
Tgt Ion:240 Resp: 482484

Ion Ratio Lower Upper

240 100

120 12.6 8.9 13.3

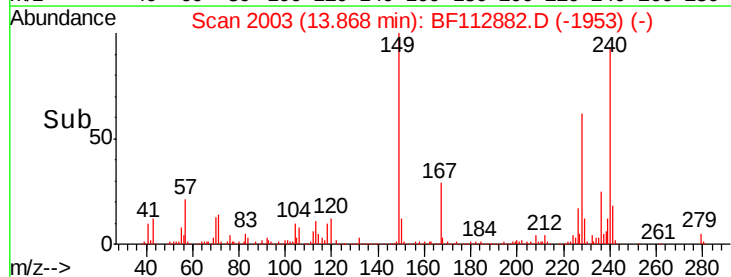
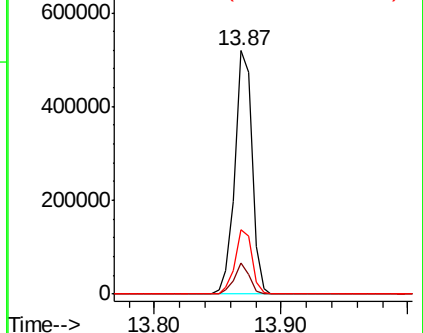
236 26.5 20.7 31.1

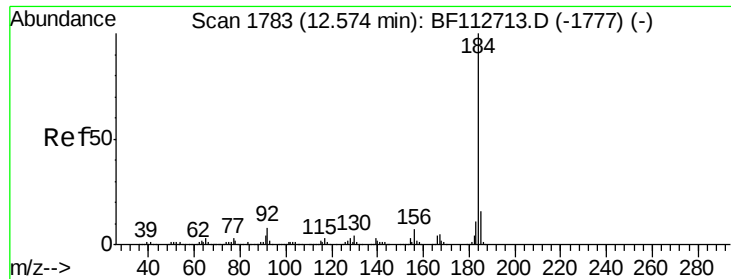


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

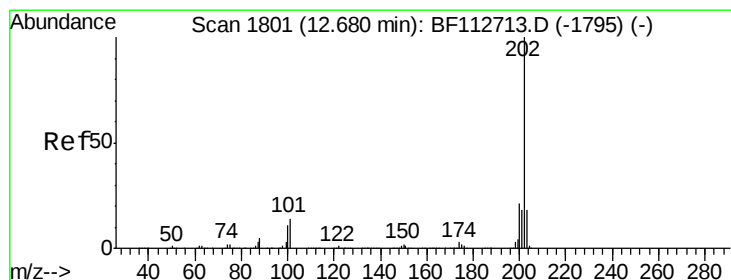
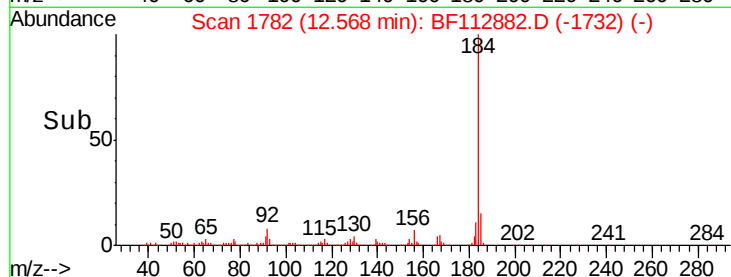
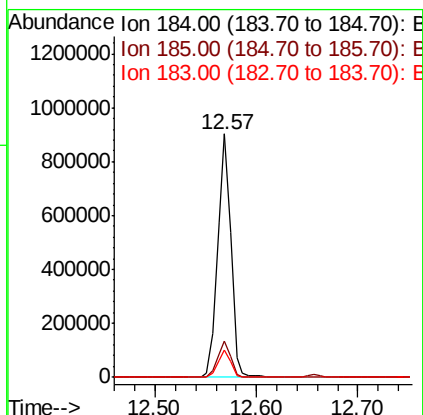
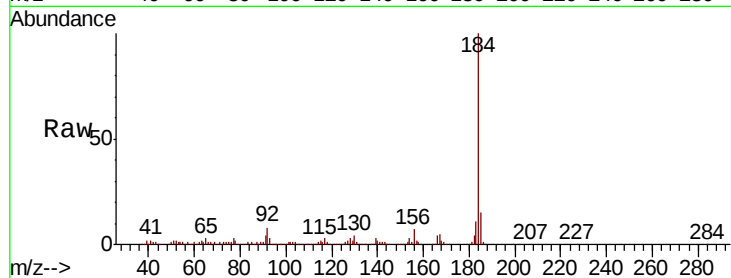




#77
Benzidine
Concen: 32.684 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

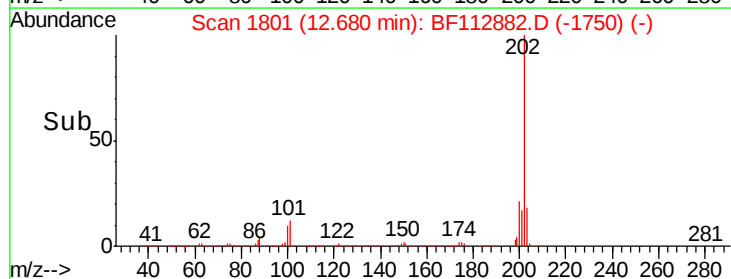
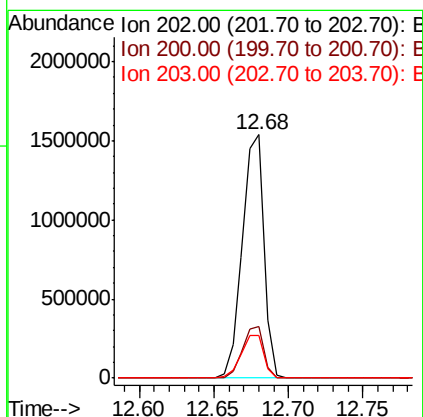
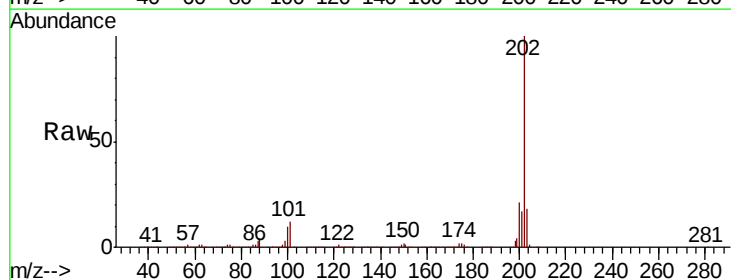
Instrument :
BNA_E
ClientSampleId :
PB117655BS

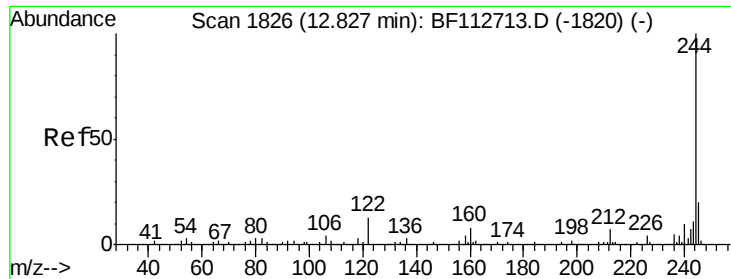
Tot Ion:184 Resp: 818145
Ion Ratio Lower Upper
184 100
185 15.2 12.6 18.8
183 11.0 8.6 12.8



#78
Pyrene
Concen: 38.104 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion:202 Resp: 1549856
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 17.6 14.4 21.6

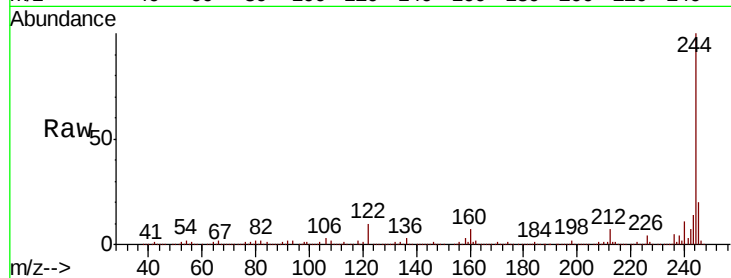




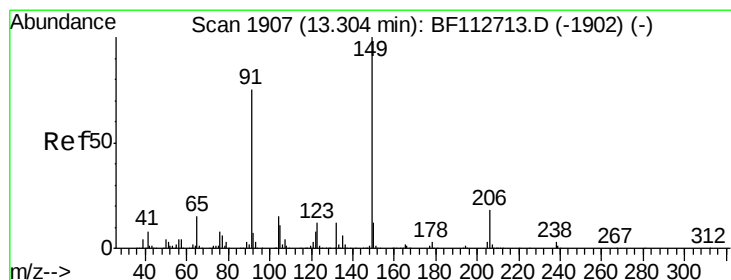
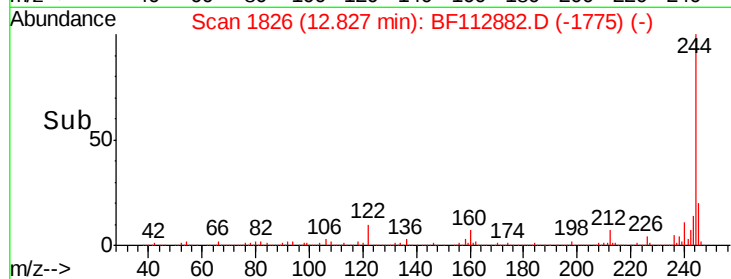
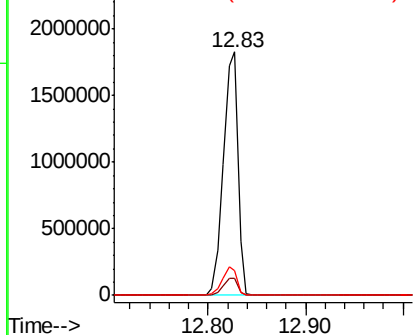
#79
 Terphenyl-d14
 Concen: 76.292 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BF112882.D
 Acq: 6 Mar 2019 13:50

Instrument :
 BNA_E
 ClientSampleId :
 PB117655BS

Tot Ion:244 Resp: 1898874
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.4 10.5 15.7#

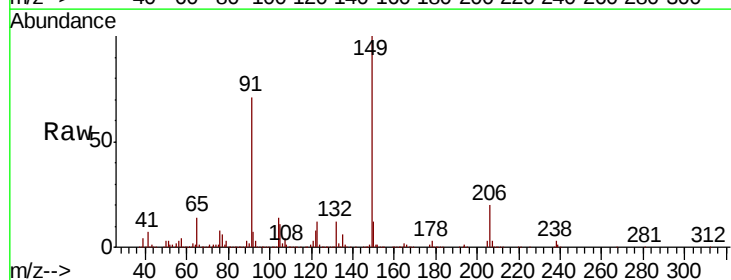


Abundance Ion 244.00 (243.70 to 244.70): E
 2500000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

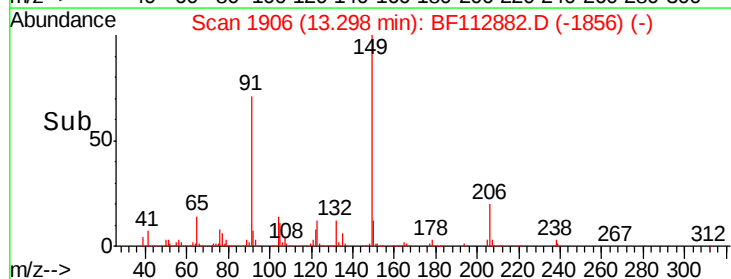
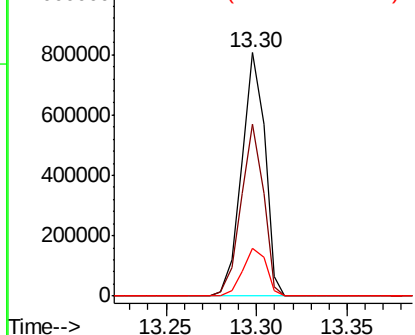


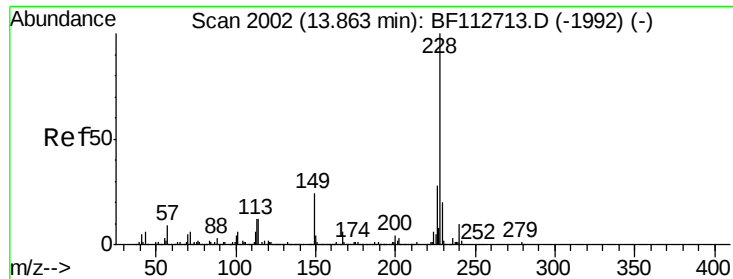
#80
 Butylbenzylphthalate
 Concen: 40.007 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF112882.D
 Acq: 6 Mar 2019 13:50

Tgt Ion:149 Resp: 718280
 Ion Ratio Lower Upper
 149 100
 91 70.8 59.9 89.9
 206 19.6 14.7 22.1



Abundance Ion 149.00 (148.70 to 149.70): E
 1000000 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 33.778 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Instrument :

BNA_E

ClientSampleId :

PB117655BS

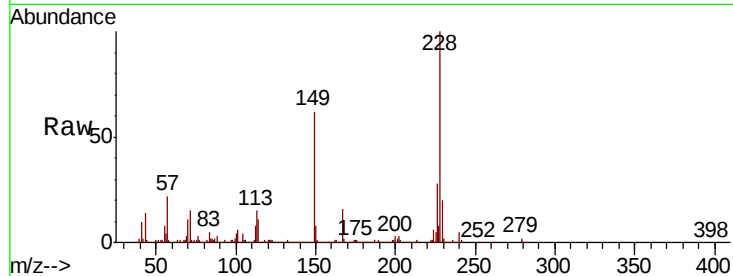
Tot Ion:228 Resp: 1129526

Ion Ratio Lower Upper

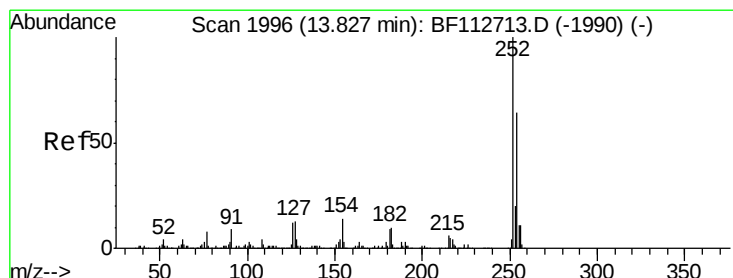
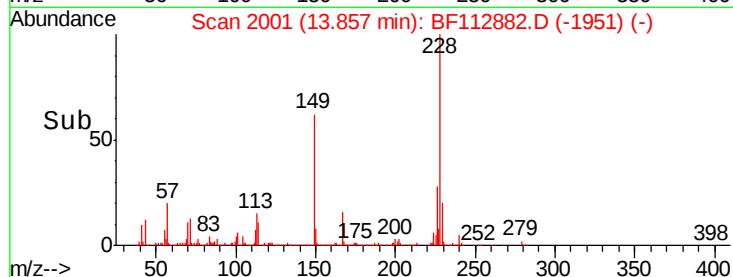
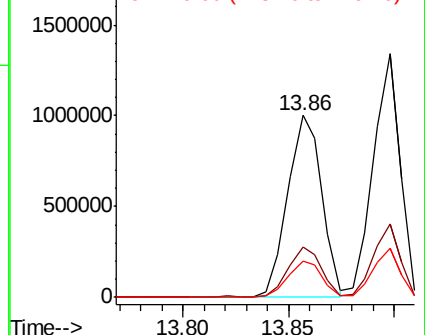
228 100

226 27.7 22.2 33.4

229 20.2 16.0 24.0



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



#82

3,3'-Dichlorobenzidine

Concen: 21.921 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

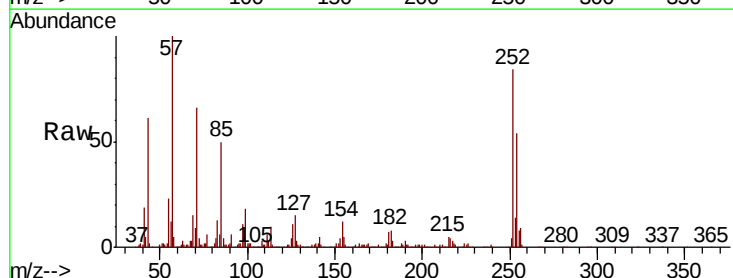
Tgt Ion:252 Resp: 277232

Ion Ratio Lower Upper

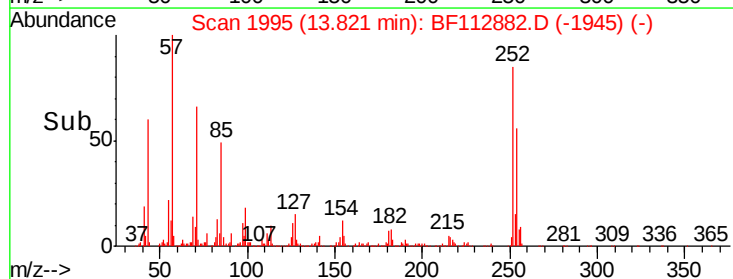
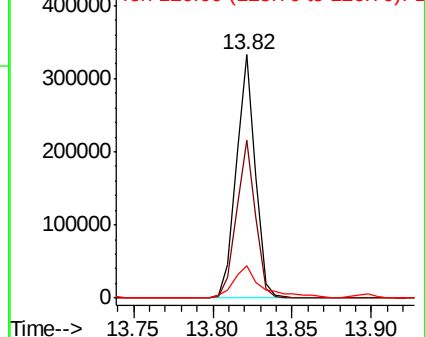
252 100

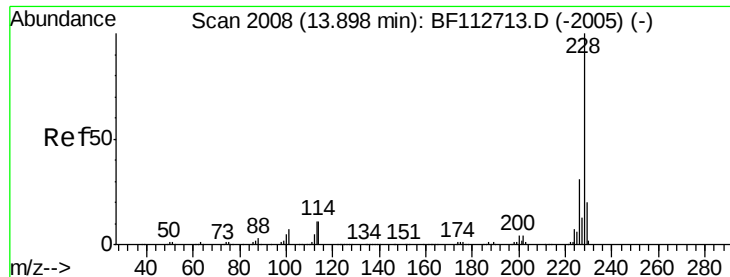
254 65.0 51.1 76.7

126 13.1 9.9 14.9



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: 36.486 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Instrument :

BNA_E

ClientSampleId :

PB117655BS

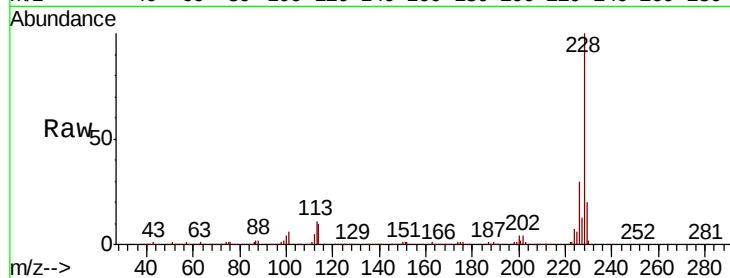
Tot Ion:228 Resp: 1195094

Ion Ratio Lower Upper

228 100

226 30.3 24.9 37.3

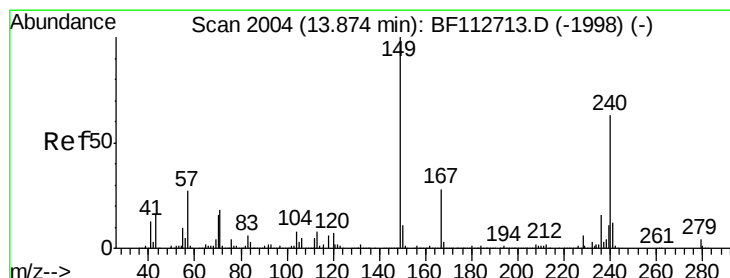
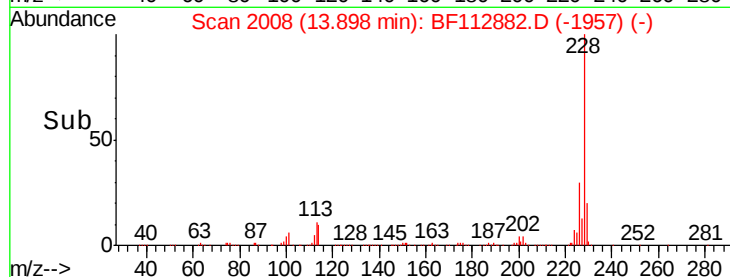
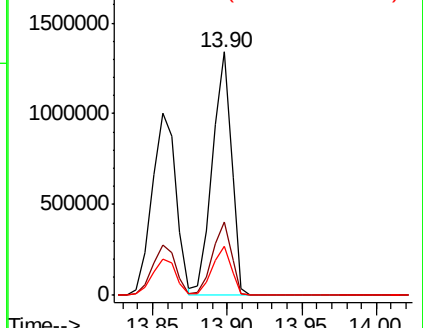
229 20.2 16.3 24.5



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: 39.671 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

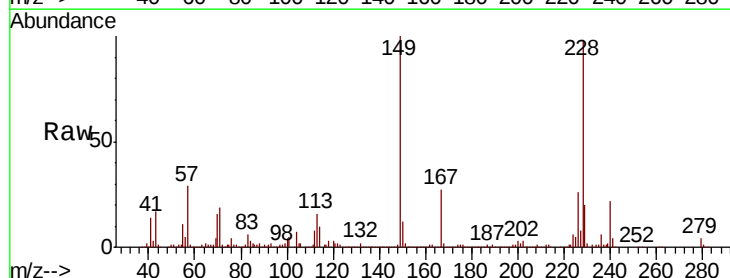
Tgt Ion:149 Resp: 835426

Ion Ratio Lower Upper

149 100

167 27.3 22.4 33.6

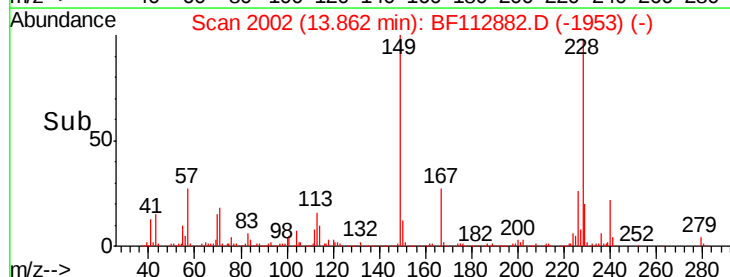
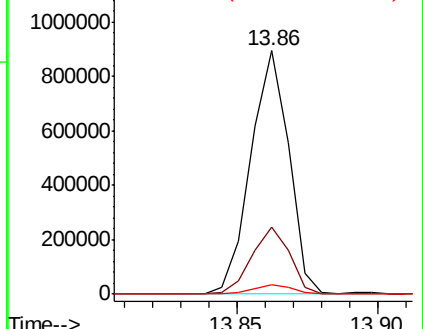
279 3.9 3.3 4.9

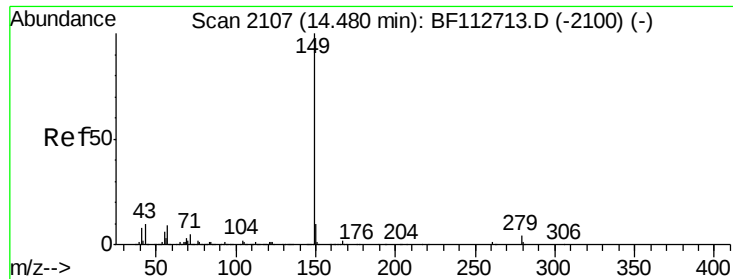


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.202 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Instrument :

BNA_E

ClientSampleId :

PB117655BS

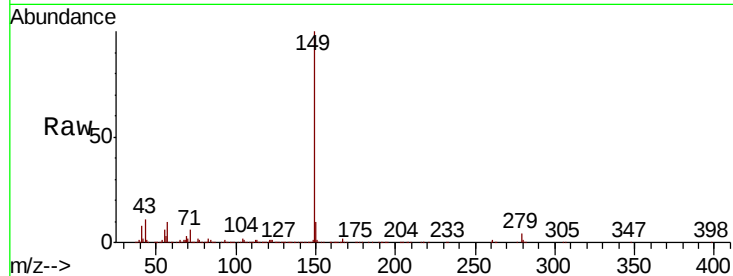
Tot Ion:149 Resp: 1417607

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

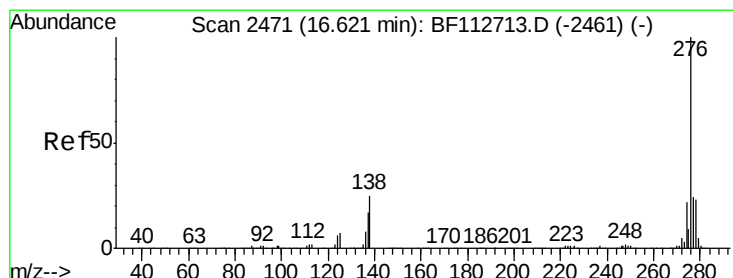
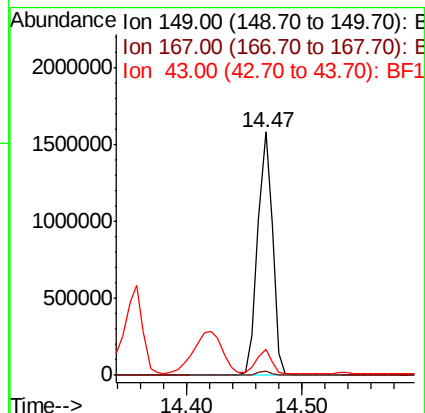
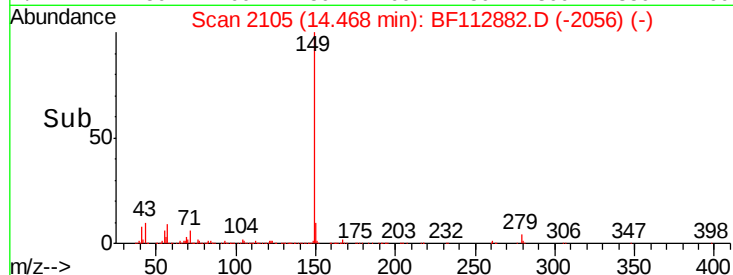
43 9.9 9.0 13.4



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: 39.089 ng

RT: 16.63 min Scan# 2473

Delta R.T. 0.01 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

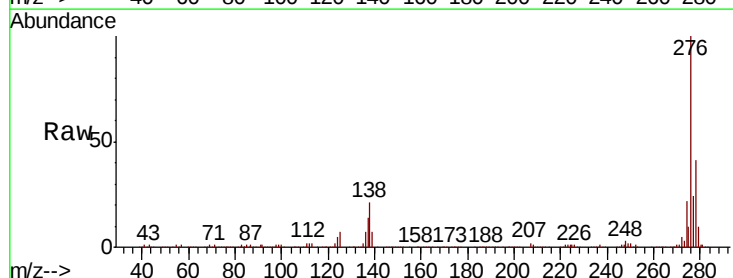
Tgt Ion:276 Resp: 1091547

Ion Ratio Lower Upper

276 100

138 23.8 23.2 34.8

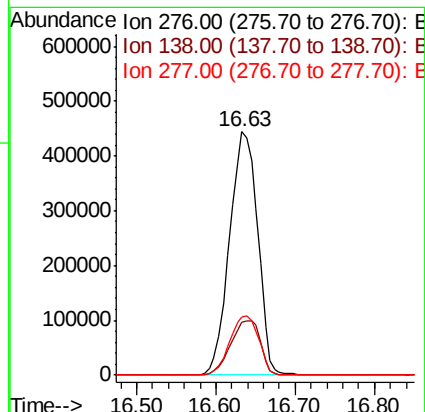
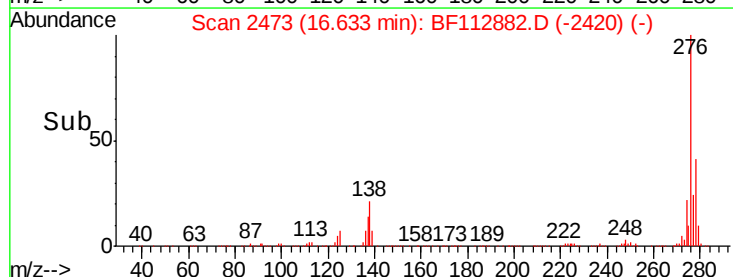
277 25.0 19.9 29.9

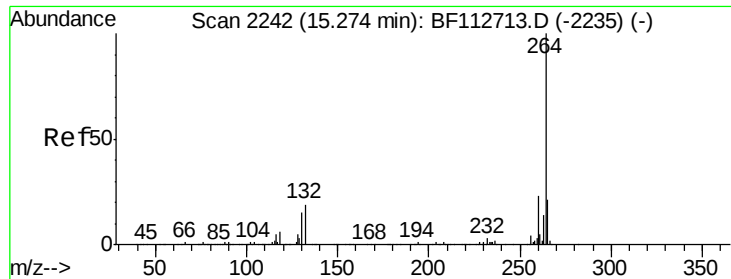


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

Instrument :

BNA_E

ClientSampleId :

PB117655BS

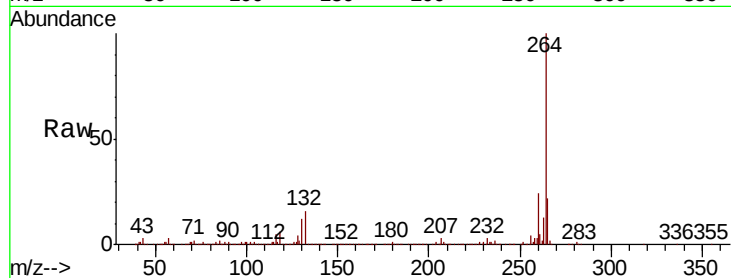
Tot Ion:264 Resp: 431685

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 21.6 17.2 25.8

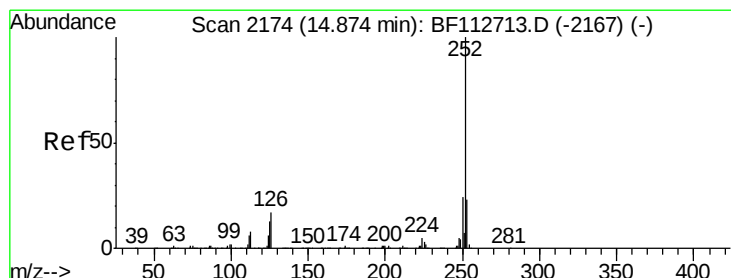
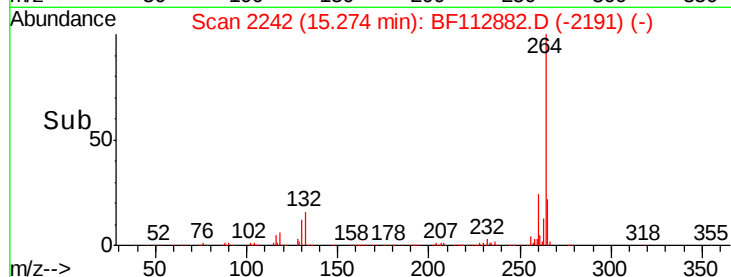
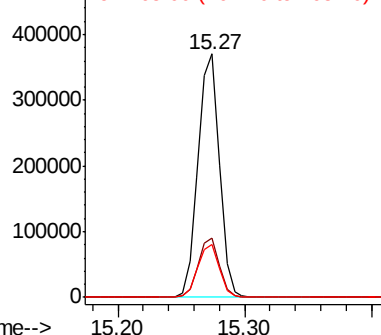


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.383 ng

RT: 14.87 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BF112882.D

Acq: 6 Mar 2019 13:50

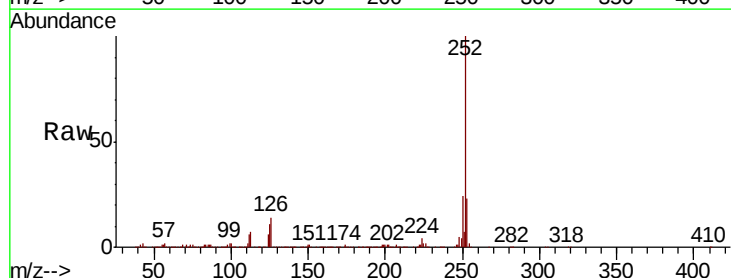
Tgt Ion:252 Resp: 1155508

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 10.9 10.2 15.2

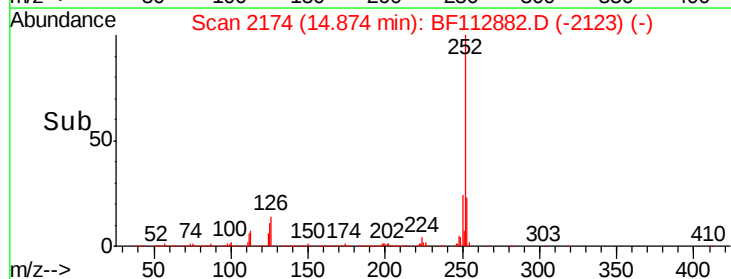
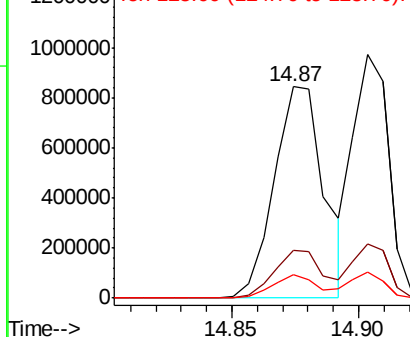


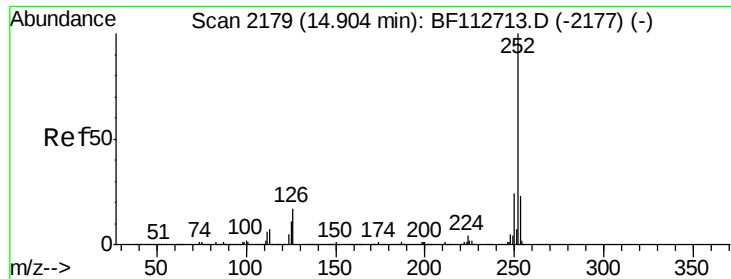
Abundance

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

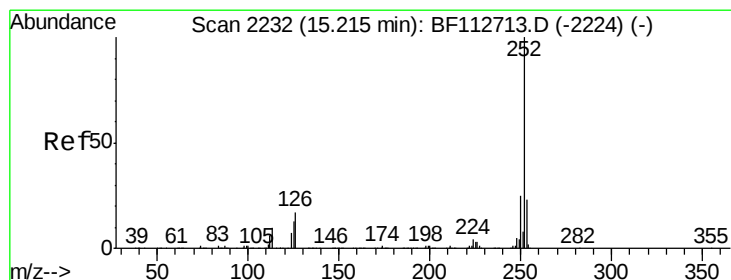
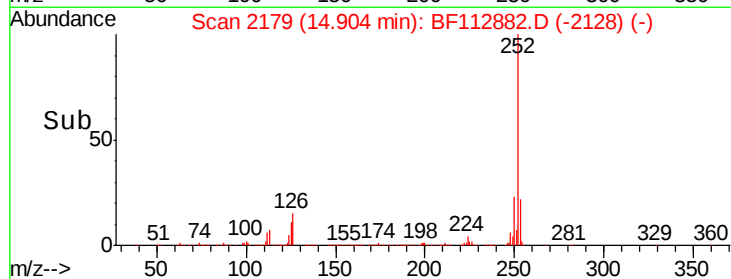
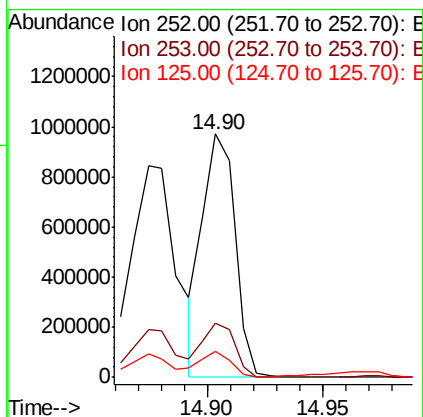
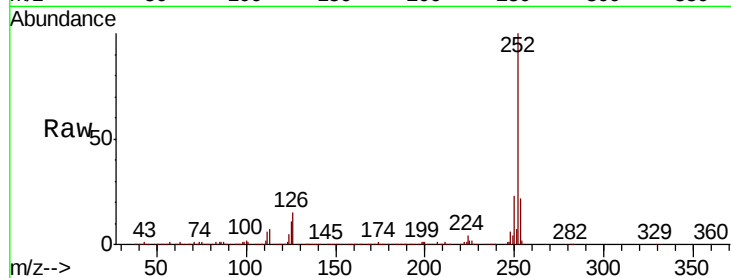




#89
Benzo(k)fluoranthene
Concen: 37.546 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

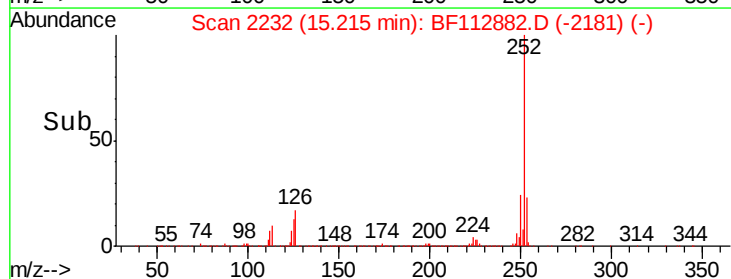
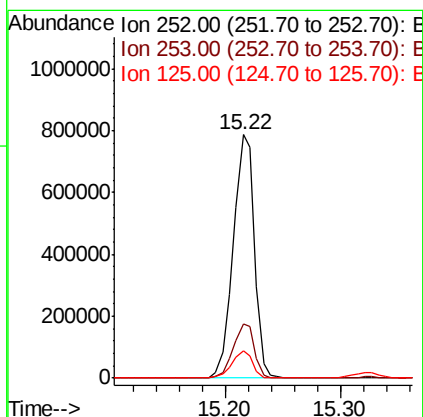
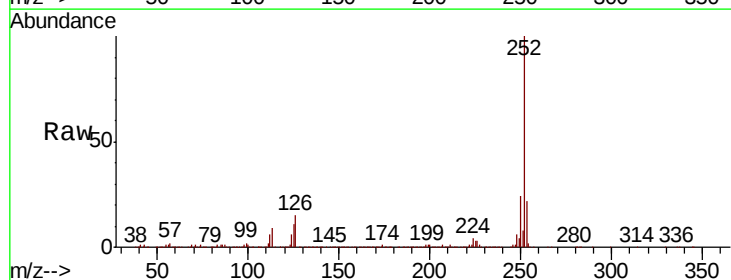
Instrument :
BNA_E
ClientSampleId :
PB117655BS

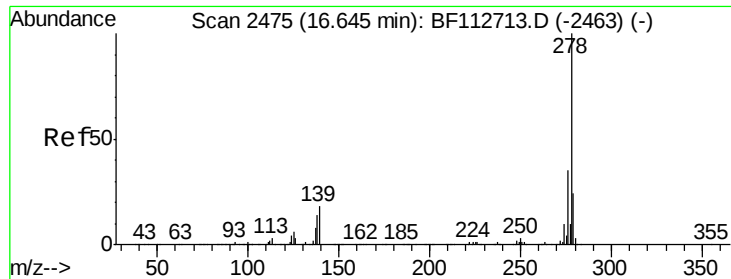
Tot Ion:252 Resp: 949631
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 10.6 9.8 14.6



#90
Benzo(a)pyrene
Concen: 40.447 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion:252 Resp: 998961
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 11.5 10.7 16.1

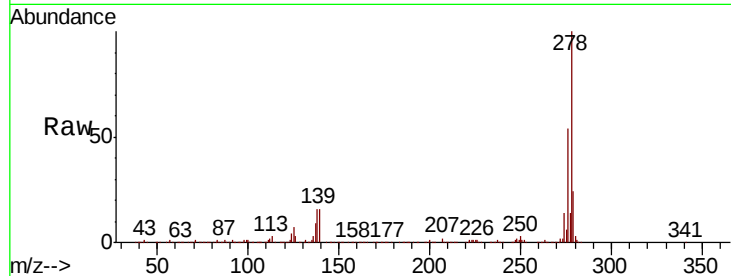




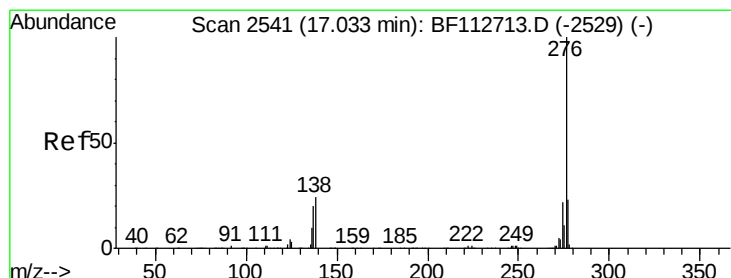
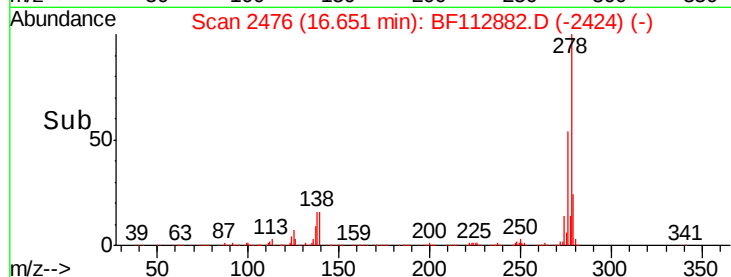
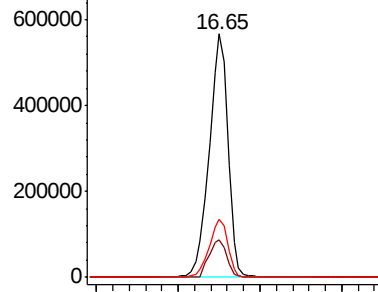
#91
Dibenzo(a,h)anthracene
Concen: 43.148 ng
RT: 16.65 min Scan# 2476
Delta R.T. 0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Instrument :
BNA_E
ClientSampleId :
PB117655BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	14.3	21.5
279	24.0	19.4	29.0

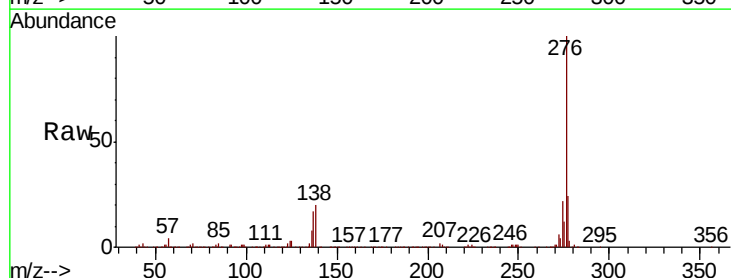


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.982 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.01 min
Lab File: BF112882.D
Acq: 6 Mar 2019 13:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	27.8
138	20.1	19.4	29.0



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

