

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108632.D
 Acq On : 30 Aug 2018 10:47
 Operator : JU/SJ
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 30 12:39:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 12:33:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	126281	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	560937	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	302465	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	665122	20.00	ng	0.00
75) Chrysene-d12	14.20	240	620746	20.00	ng	0.00
86) Perylene-d12	15.75	264	550606	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.80	112	9498	1.36	ng	0.15
7) Phenol-d6	6.68	99	41002	4.42	ng	0.03
23) Nitrobenzene-d5	7.57	82	53628	5.33	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	18985	6.29	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	123225	6.54	ng	0.00
78) Terphenyl-d14	13.12	244	160309	6.57	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.93	88	8000	2.232	ng	91
3) Pyridine	3.85	79	1360	0.147	ng	# 56
4) n-Nitrosodimethylamine	3.81	42	517	0.100	ng	# 1
6) Aniline	6.74	93	48841	3.874	ng	# 78
8) 2-Chlorophenol	6.81	128	20674	2.632	ng	88
9) Benzaldehyde	6.61	77	6164	0.858	ng	# 75
10) Phenol	6.71	94	14058	1.466	ng	# 10
11) bis(2-Chloroethyl)ether	6.74	93	48841	6.301	ng	80
12) 1,3-Dichlorobenzene	6.94	146	25085	2.762	ng	97
13) 1,4-Dichlorobenzene	7.02	146	27707	3.036	ng	99
14) 1,2-Dichlorobenzene	7.17	146	28472	3.354	ng	98
15) Benzyl Alcohol	7.23	79	11318	1.450	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	7.26	45	43525	2.726	ng	87
17) 2-Methylphenol	7.28	107	13081	1.942	ng	# 76
18) Hexachloroethane	7.50	117	9825	3.024	ng	90
19) n-Nitroso-di-n-propylamine	7.40	70	16026	2.557	ng	93
20) 3+4-Methylphenols	7.46	107	15800	1.830	ng	# 68
22) Acetophenone	7.42	105	31071	2.369	ng	# 87
24) Nitrobenzene	7.59	77	23183	2.281	ng	97
25) Isophorone	7.81	82	41217	2.151	ng	94
26) 2-Nitrophenol	7.92	139	10254	2.671	ng	94
27) 2,4-Dimethylphenol	7.95	122	17213	2.024	ng	92
28) bis(2-Chloroethoxy)methane	8.03	93	25246	2.257	ng	98
29) 2,4-Dichlorophenol	8.17	162	20210	2.582	ng	95
30) 1,2,4-Trichlorobenzene	8.22	180	23807	2.759	ng	99
31) Naphthalene	8.30	128	70871	2.778	ng	98
32) Benzoic acid	7.95	122	17213	3.817	ng	# 20
33) 4-Chloroaniline	8.39	127	28566	2.570	ng	97
34) Hexachlorobutadiene	8.41	225	16226	2.971	ng	96
35) Caprolactam	8.71	113	4059	1.655	ng	# 58
36) 4-Chloro-3-methylphenol	8.85	107	22178	2.627	ng	94
37) 2-Methylnaphthalene	9.00	142	43140	2.390	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	26163	2.817	ng	# 96
40) Hexachlorocyclopentadiene	9.14	237	1881	0.314	ng	89

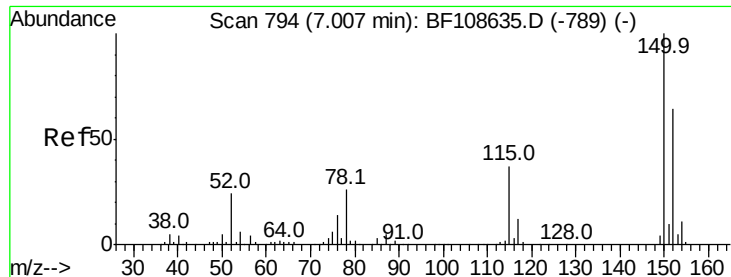
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
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 QLast Update : Thu Aug 30 12:33:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	13056	2.265	ng	97
43) 2,4,5-Trichlorophenol	9.34	196	20015	3.154	ng	93
45) 1,1'-Biphenyl	9.46	154	68027	3.050	ng	94
46) 2-Chloronaphthalene	9.49	162	52466	2.977	ng	96
47) 2-Nitroaniline	9.61	65	16121	2.827	ng	# 81
48) Acenaphthylene	9.91	152	79045	2.837	ng	98
49) Dimethylphthalate	9.75	163	58863	2.794	ng	98
50) 2,6-Dinitrotoluene	9.82	165	11980	2.718	ng	# 69
51) Acenaphthene	10.08	154	48278	2.829	ng	99
52) 3-Nitroaniline	10.04	138	12909	2.677	ng	# 60
53) 2,4-Dinitrophenol	10.15	184	520	0.375	ng	# 53
54) Dibenzofuran	10.25	168	74628	3.018	ng	99
55) 4-Nitrophenol	10.25	139	34681	9.496	ng	# 17
56) 2,4-Dinitrotoluene	10.24	165	16983	2.993	ng	# 85
57) Fluorene	10.60	166	57015	2.913	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	17776	3.352	ng	# 85
59) Diethylphthalate	10.45	149	62759	3.076	ng	98
60) 4-Chlorophenyl-phenylether	10.58	204	32565	3.193	ng	92
61) 4-Nitroaniline	10.65	138	13944	2.924	ng	89
62) Azobenzene	10.74	77	63585	3.018	ng	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	4350	1.897	ng	# 78
65) n-Nitrosodiphenylamine	10.70	169	56875	2.894	ng	93
66) 4-Bromophenyl-phenylether	11.08	248	20151	2.788	ng	# 86
67) Hexachlorobenzene	11.14	284	21783	2.864	ng	# 86
68) Atrazine	11.22	200	18235	2.766	ng	92
69) Pentachlorophenol	11.35	266	8585	2.358	ng	90
70) Phenanthrene	11.57	178	88004	2.805	ng	98
71) Anthracene	11.62	178	92935	2.890	ng	98
72) Carbazole	11.79	167	91121	3.190	ng	99
73) Di-n-butylphthalate	12.08	149	109233	3.376	ng	99
74) Fluoranthene	12.76	202	104719	3.059	ng	94
76) Benzidine	12.90	184	40307	1.738	ng	98
77) Pyrene	13.00	202	109414	2.784	ng	98
79) Butylbenzylphthalate	13.59	149	46205	2.961	ng	# 98
80) Benzo(a)anthracene	14.18	228	98037	2.752	ng	97
81) 3,3'-Dichlorobenzidine	14.15	252	37496	2.937	ng	# 97
82) Chrysene	14.22	228	94232	2.885	ng	97
83) Bis(2-ethylhexyl)phthalate	14.14	149	62428	2.954	ng	99
84) Di-n-octyl phthalate	14.76	149	98709	3.063	ng	# 91
85) Indeno(1,2,3-cd)pyrene	17.37	276	69683	2.462	ng	# 91
87) Benzo(b)fluoranthene	15.28	252	76997	2.340	ng	# 96
88) Benzo(k)fluoranthene	15.31	252	89754	2.968	ng	# 96
89) Benzo(a)pyrene	15.68	252	76088	2.583	ng	96
90) Dibenzo(a,h)anthracene	17.38	278	57440	2.356	ng	# 91
91) Benzo(g,h,i)perylene	17.86	276	54809	2.283	ng	# 89

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

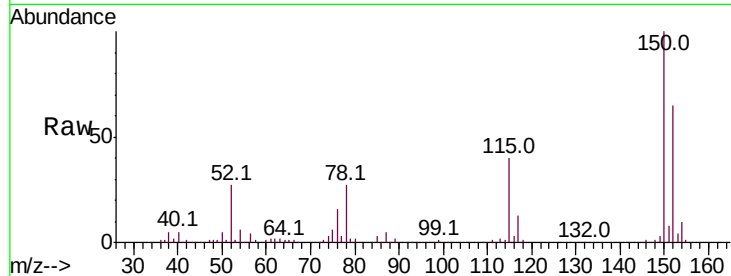


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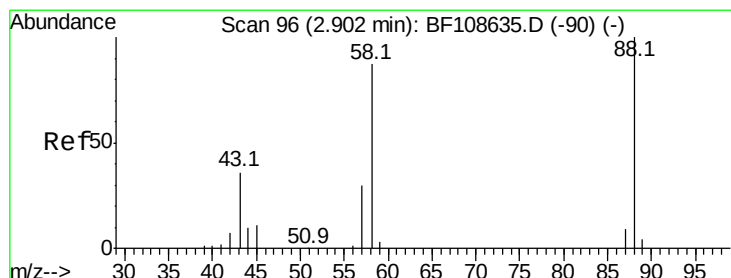
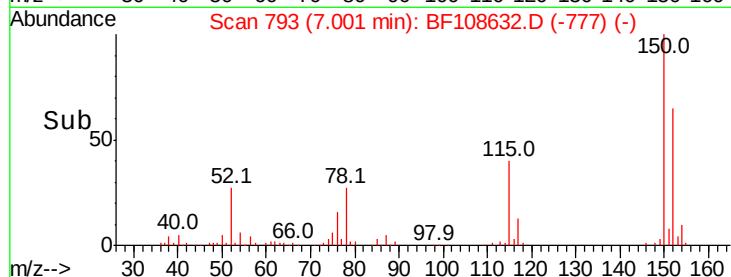
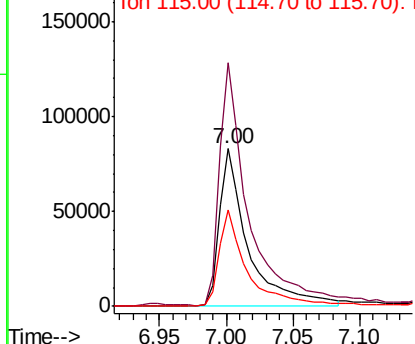
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 126281
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 61.1 50.1 75.1



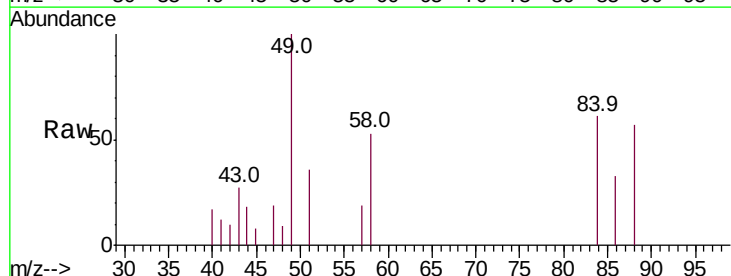
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



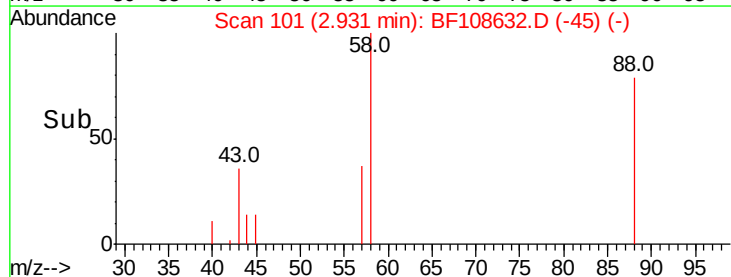
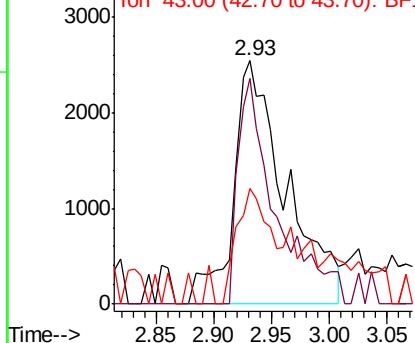
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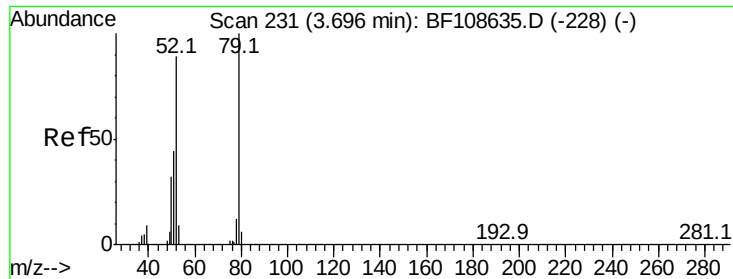
1,4-Dioxane
Concen: 2.232 ng
RT: 2.93 min Scan# 101
Delta R.T. 0.03 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion: 88 Resp: 8000
Ion Ratio Lower Upper
88 100
58 67.5 62.6 93.8
43 32.1 24.6 37.0



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: 0.147 ng

RT: 3.85 min Scan# 257

Delta R.T. 0.15 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Instrument :

BNA_F

ClientSampled :

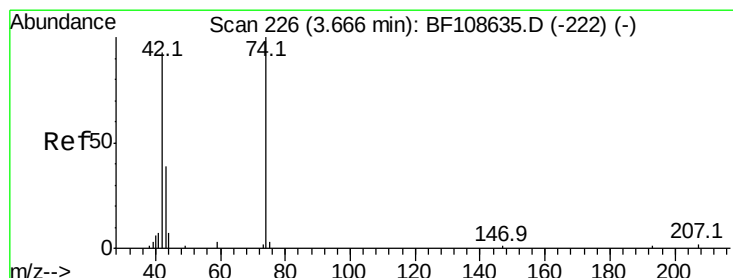
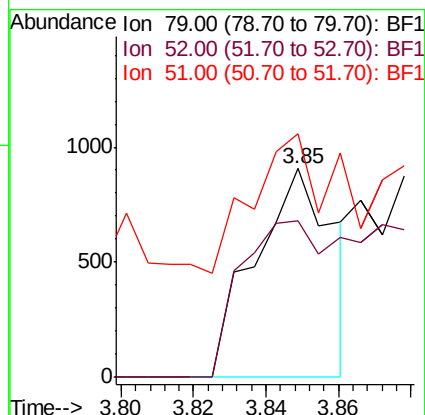
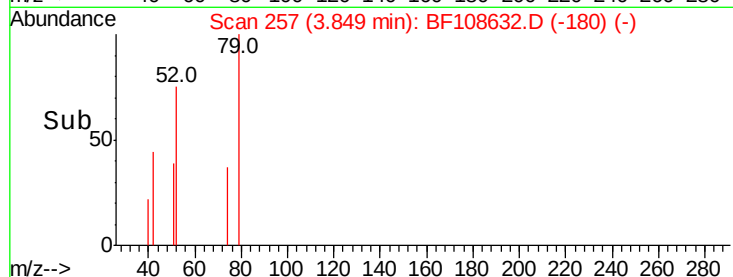
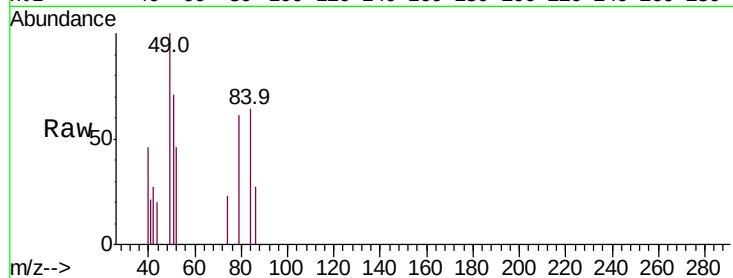
Tot Ion: 79 Resp: 1360

Ion Ratio Lower Upper

79 100

52 74.9 59.8 89.6

51 116.5 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 0.100 ng

RT: 3.81 min Scan# 250

Delta R.T. 0.14 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

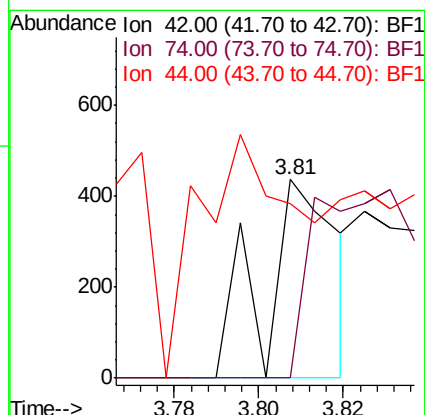
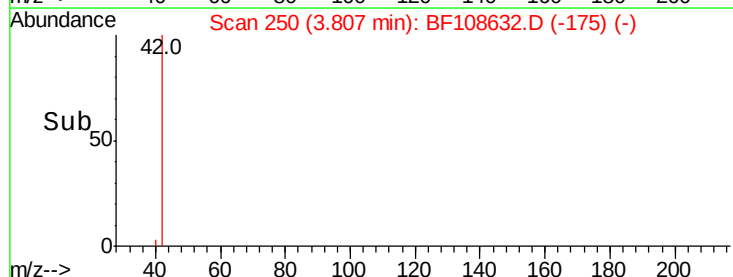
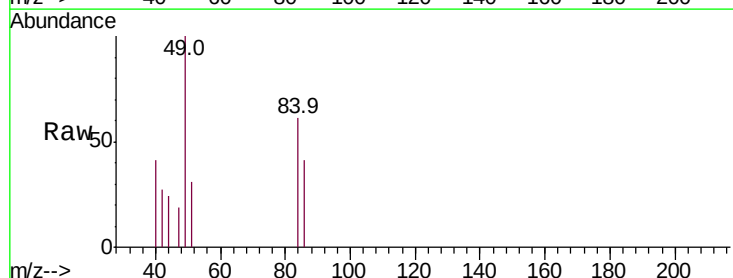
Tgt Ion: 42 Resp: 517

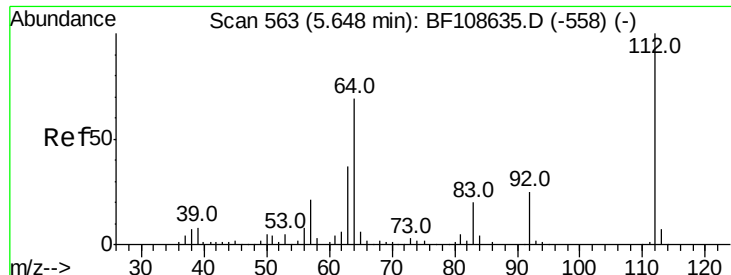
Ion Ratio Lower Upper

42 100

74 0.0 104.9 157.3#

44 87.9 6.9 10.3#





#5

2-Fluorophenol

Concen: 1.362 ng

RT: 5.80 min Scan# 588

Delta R.T. 0.15 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Instrument :

BNA_F

ClientSampleId :

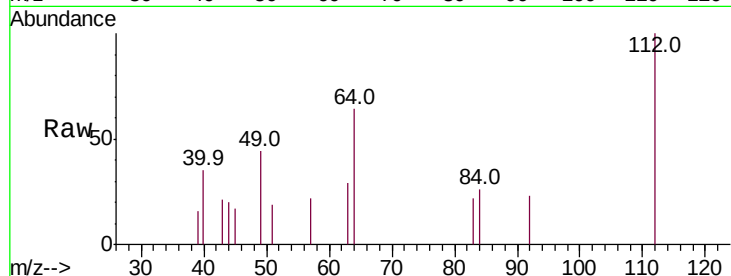
Tot Ion:112 Resp: 9498

Ion Ratio Lower Upper

112 100

64 63.6 47.9 71.9

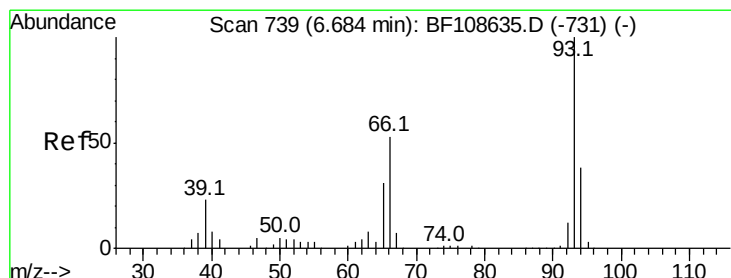
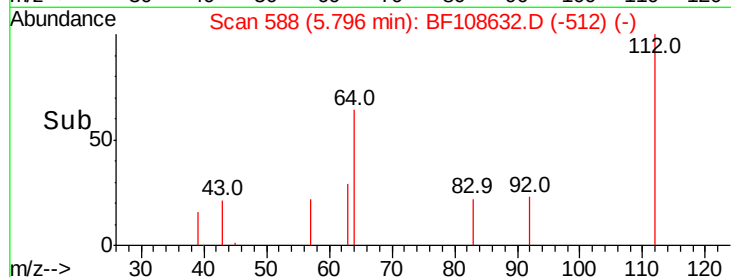
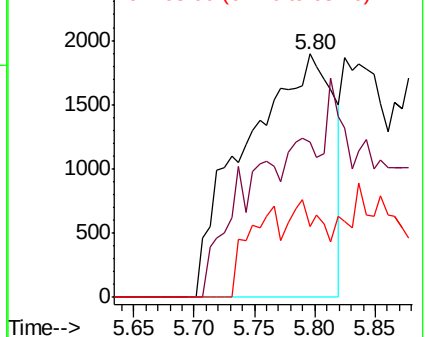
63 29.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 3.874 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.05 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

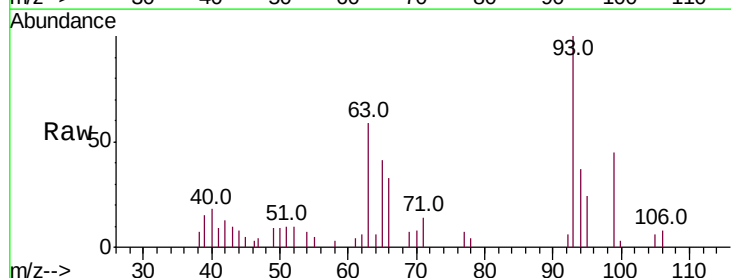
Tgt Ion: 93 Resp: 48841

Ion Ratio Lower Upper

93 100

66 33.2 32.2 48.2

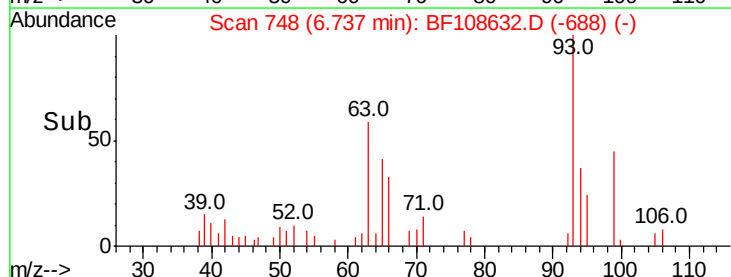
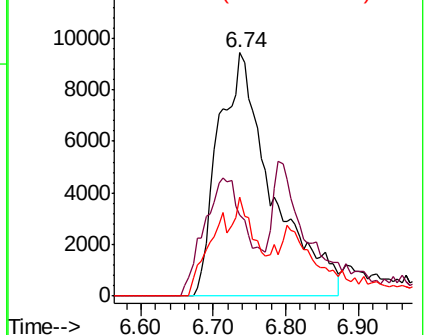
65 40.7 16.4 24.6#

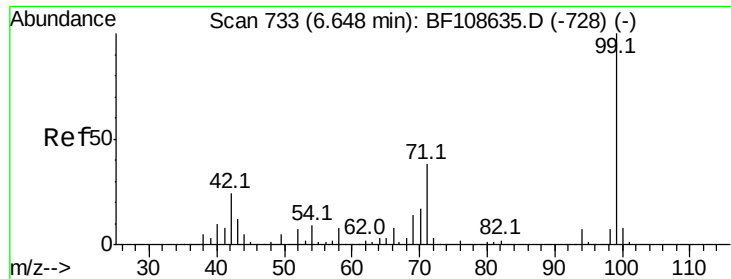


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 4.424 ng

RT: 6.68 min Scan# 738

Delta R.T. 0.03 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Instrument :

BNA_F

ClientSampled :

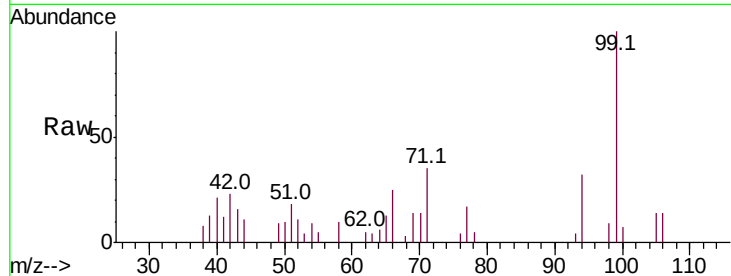
Tot Ion: 99 Resp: 41002

Ion Ratio Lower Upper

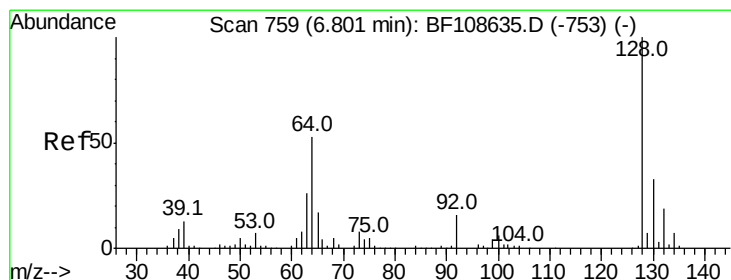
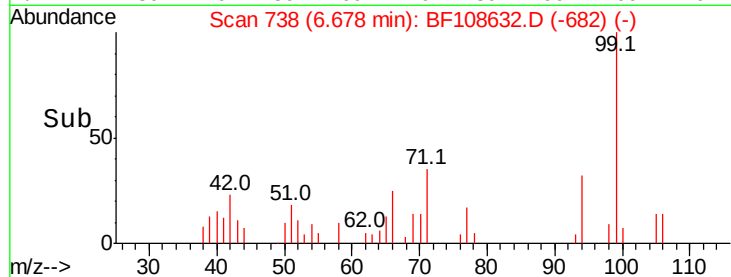
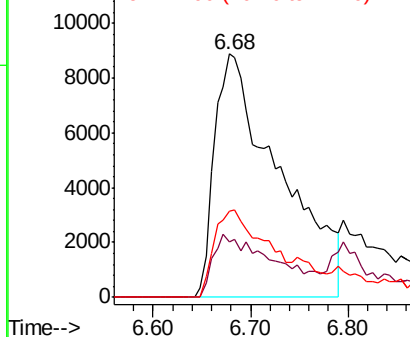
99 100

42 22.8 14.5 21.7#

71 35.5 25.4 38.0



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



#8

2-Chlorophenol

Concen: 2.632 ng

RT: 6.81 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

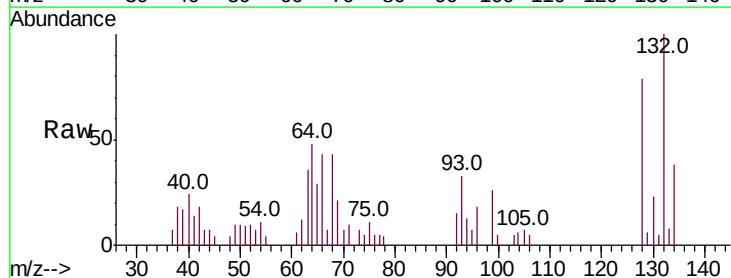
Tgt Ion: 128 Resp: 20674

Ion Ratio Lower Upper

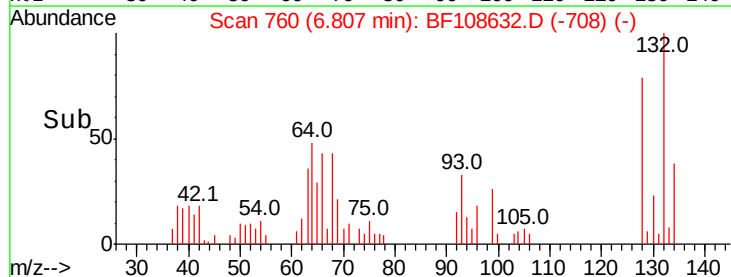
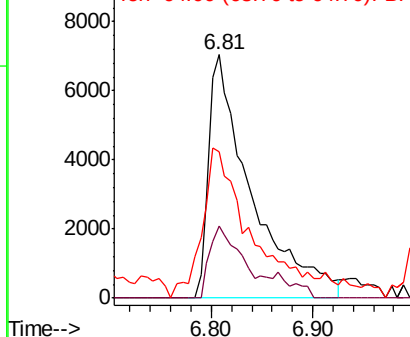
128 100

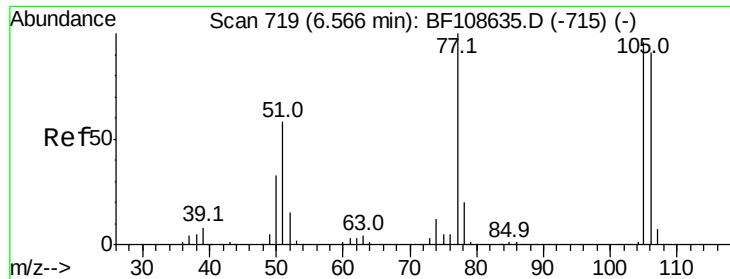
130 29.5 13.0 53.0

64 60.0 29.4 69.4



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





#9

Benzaldehyde

Concen: 0.858 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.04 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Instrument :

BNA_F

ClientSampled :

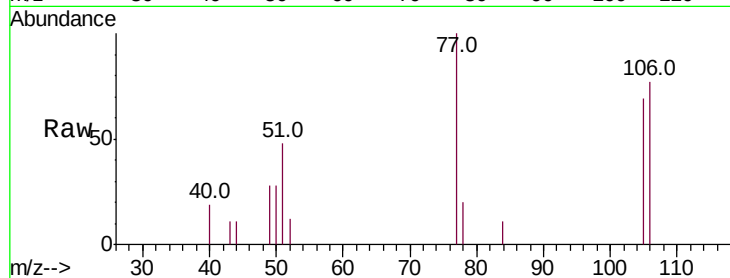
Tot Ion: 77 Resp: 6164

Ion Ratio Lower Upper

77 100

105 69.5 81.1 121.1#

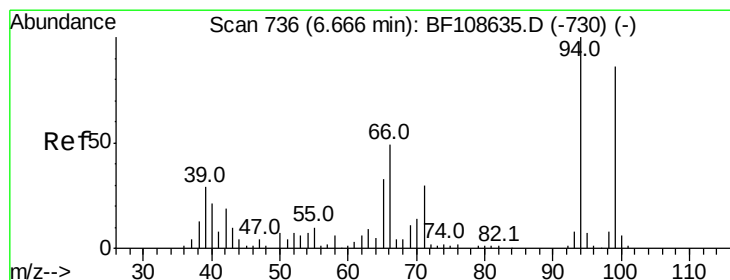
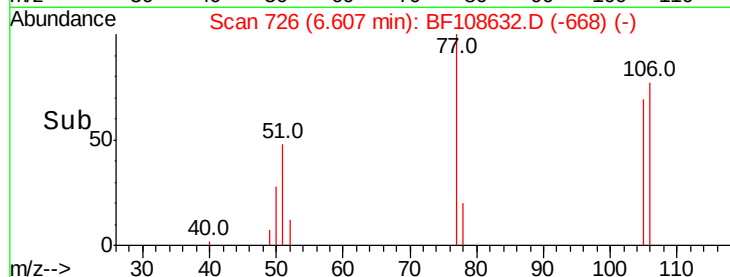
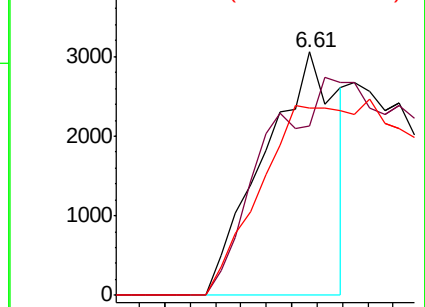
106 76.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 1.466 ng

RT: 6.71 min Scan# 743

Delta R.T. 0.04 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

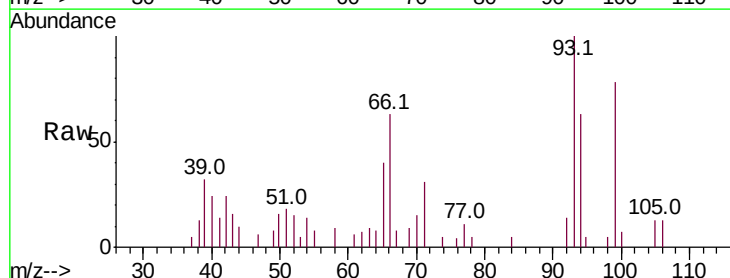
Tgt Ion: 94 Resp: 14058

Ion Ratio Lower Upper

94 100

65 63.1 7.9 47.9#

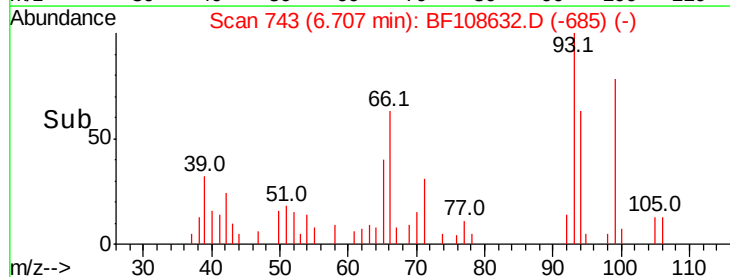
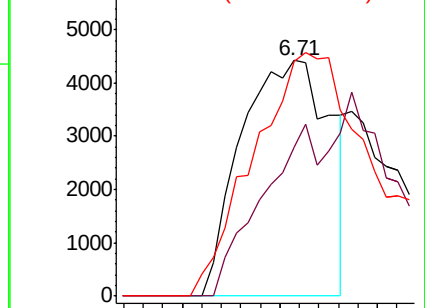
66 99.5 16.2 56.2#

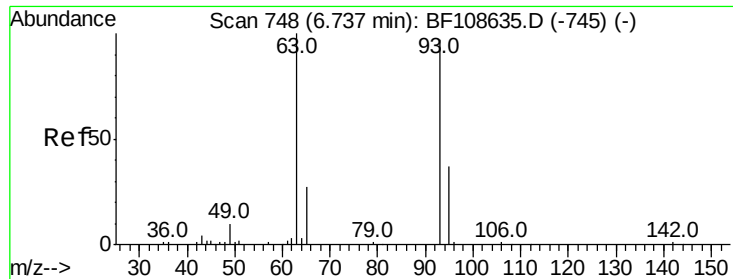


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

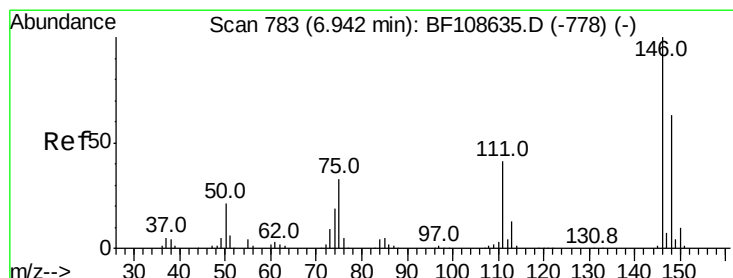
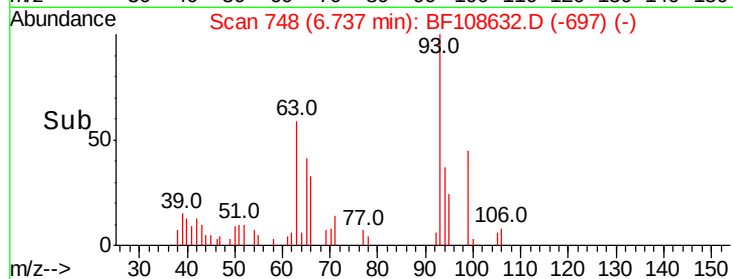
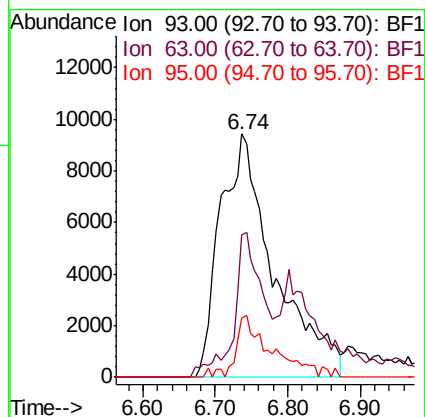
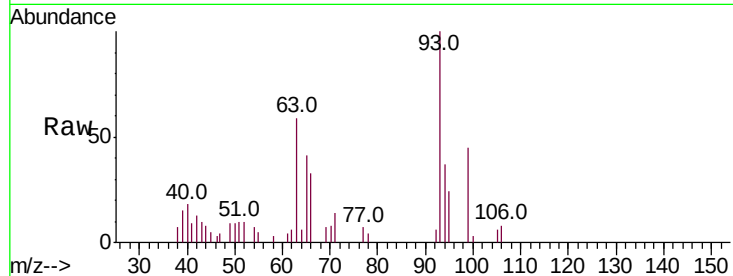




#11
 bis(2-Chloroethyl)ether
 Concen: 6.301 ng
 RT: 6.74 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

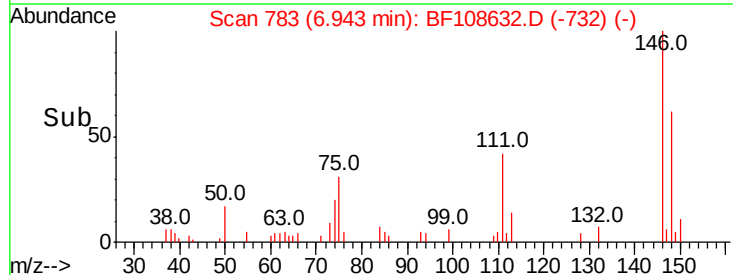
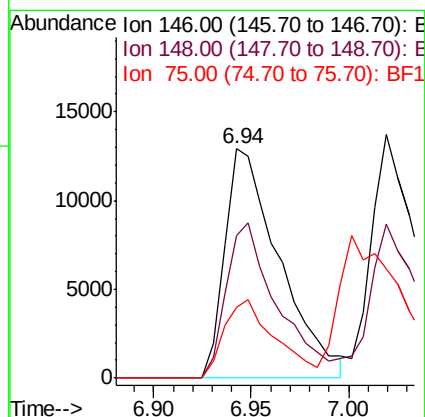
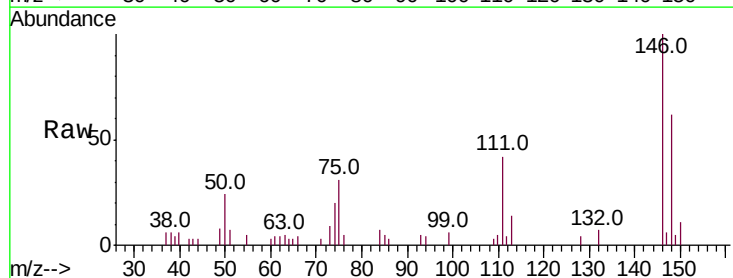
Instrument :
 BNA_F
 ClientSampleId :

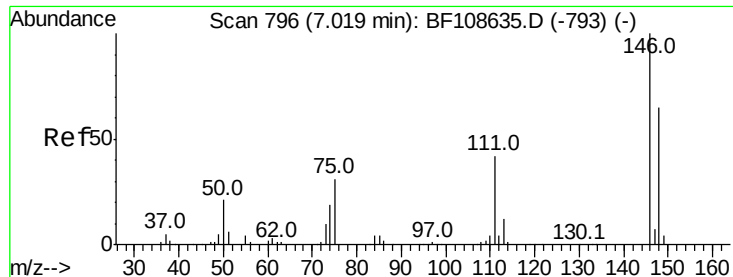
Tot Ion:	93	Resp:	48841
Ion	Ratio	Lower	Upper
93	100		
63	58.7	58.6	98.6
95	24.2	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 2.762 ng
 RT: 6.94 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Tgt Ion:	146	Resp:	25085
Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.8	77.8
75	30.9	24.2	36.4

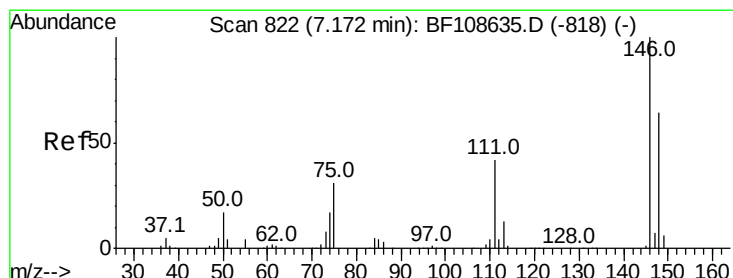
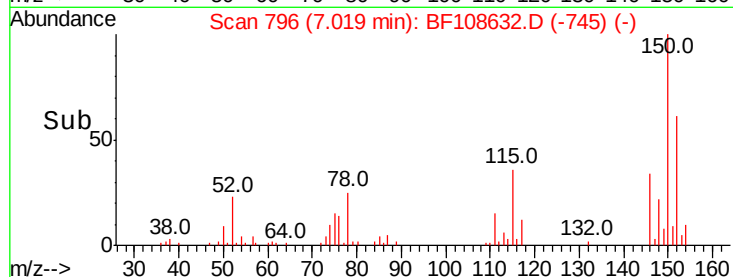
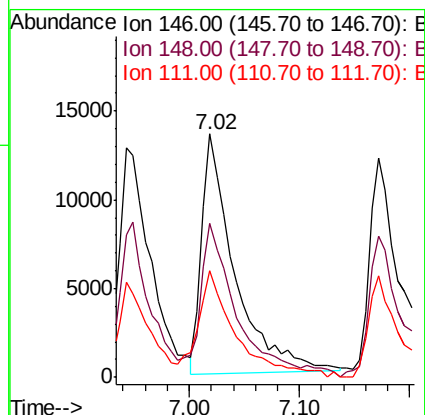
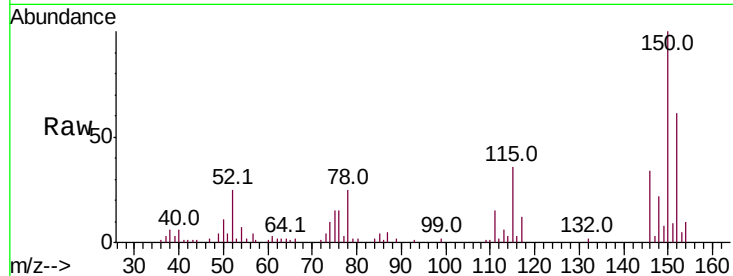




#13
 1,4-Dichlorobenzene
 Concen: 3.036 ng
 RT: 7.02 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

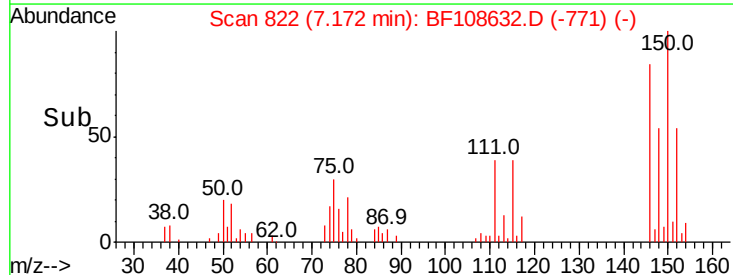
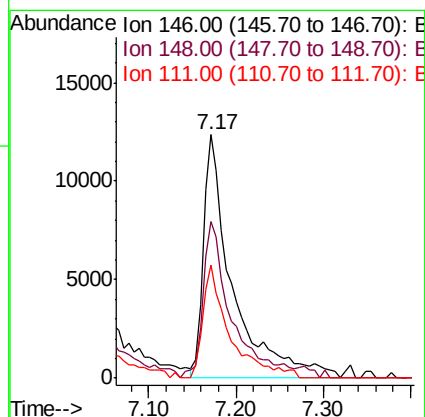
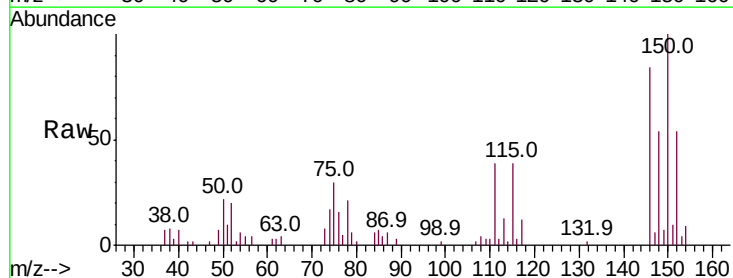
Instrument :
 BNA_F
 ClientSampled :

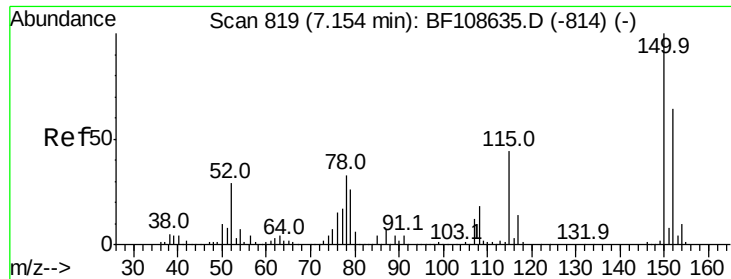
Tot Ion:146 Resp: 27707
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.8 76.2
 111 43.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 3.354 ng
 RT: 7.17 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Tgt Ion:146 Resp: 28472
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.6 75.8
 111 46.4 36.0 54.0

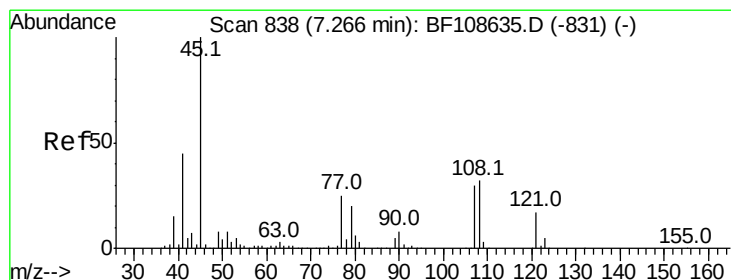
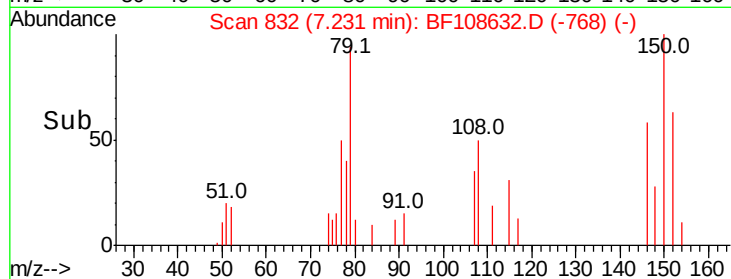
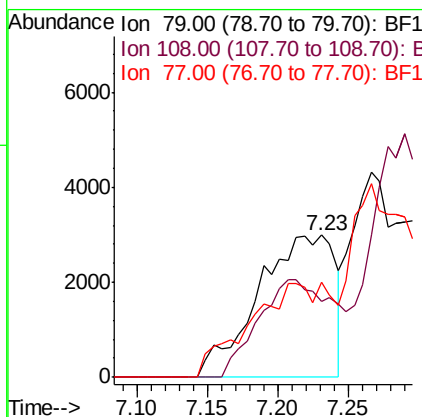
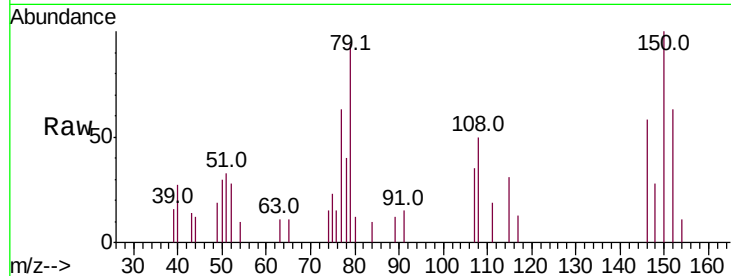




#15
Benzyl Alcohol
Concen: 1.450 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.08 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

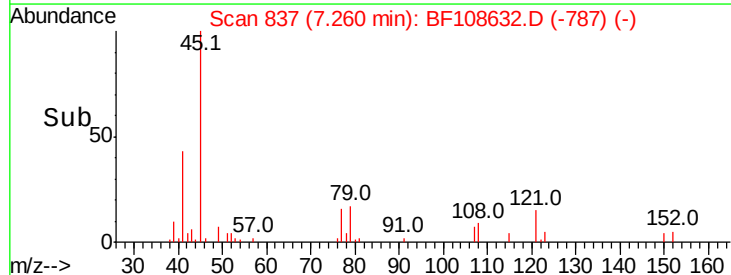
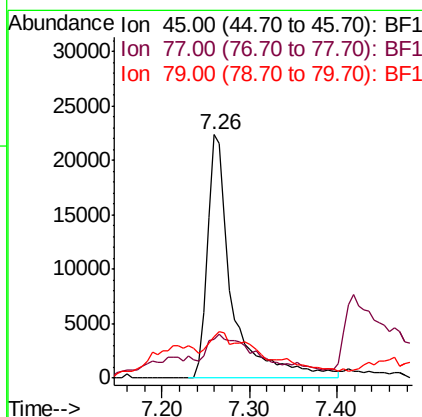
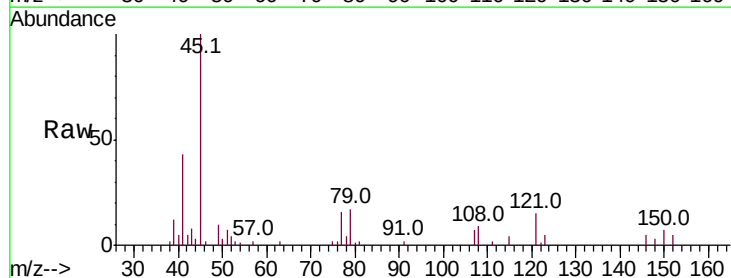
Instrument :
BNA_F
ClientSampled :

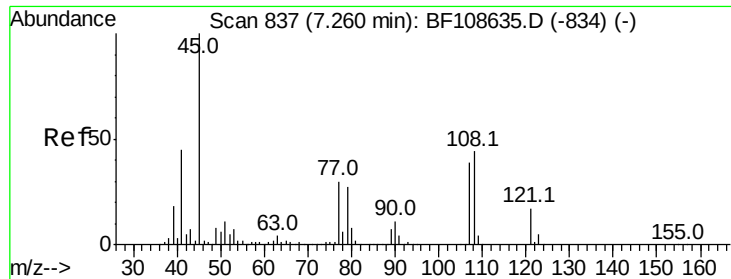
Tot Ion: 79 Resp: 11318
Ion Ratio Lower Upper
79 100
108 53.5 65.1 97.7#
77 67.1 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 2.726 ng
RT: 7.26 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion: 45 Resp: 43525
Ion Ratio Lower Upper
45 100
77 16.1 0.0 32.9
79 17.0 0.0 29.6

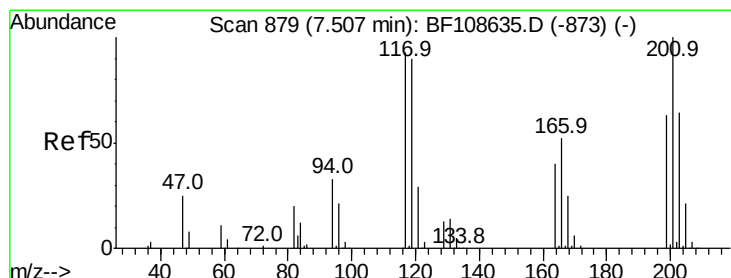
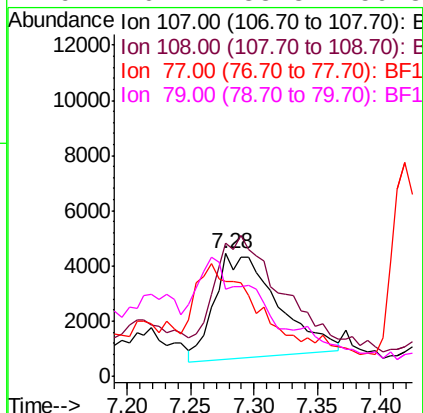
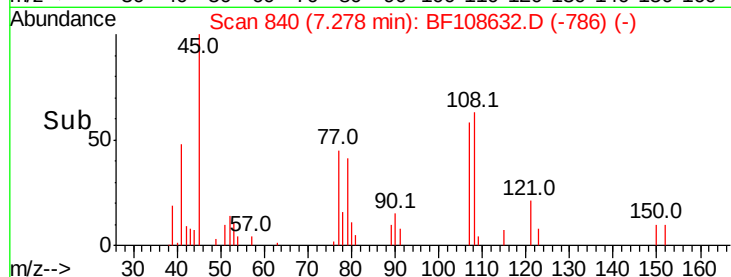
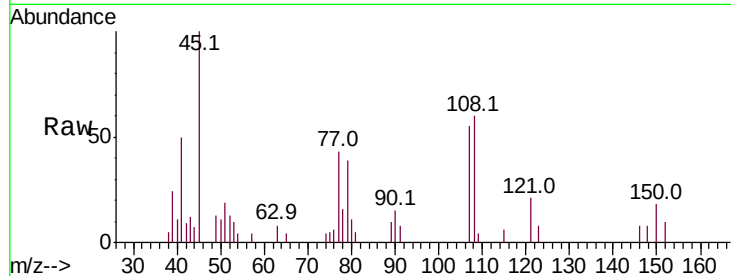




#17
2-Methylphenol
Concen: 1.942 ng
RT: 7.28 min Scan# 840
Delta R.T. 0.02 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

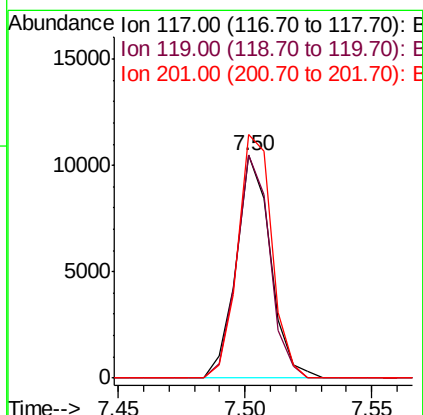
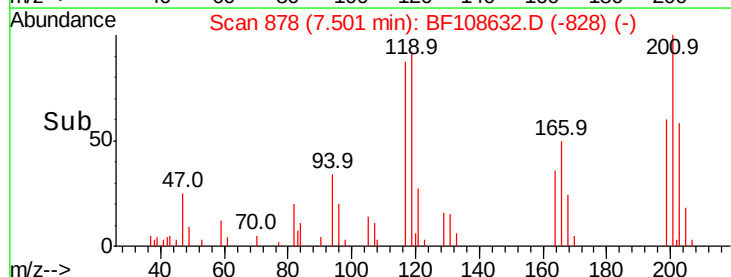
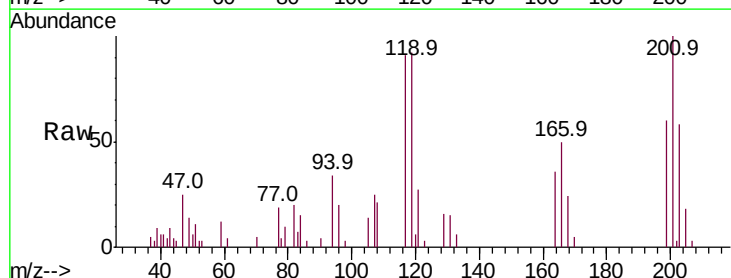
Instrument :
BNA_F
ClientSampled :

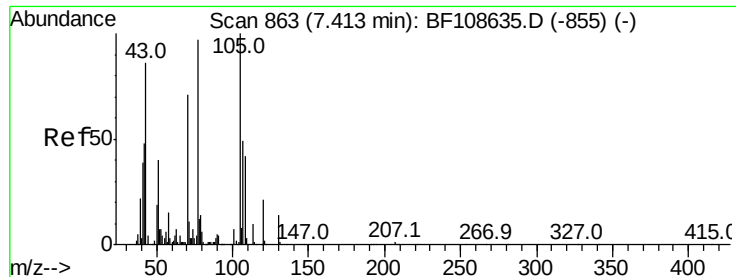
Tot Ion:107 Resp: 13081
Ion Ratio Lower Upper
107 100
108 108.9 91.7 137.5
77 77.3 33.8 50.8#
79 70.7 33.8 50.8#



#18
Hexachloroethane
Concen: 3.024 ng
RT: 7.50 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion:117 Resp: 9825
Ion Ratio Lower Upper
117 100
119 100.4 75.8 113.8
201 109.3 75.7 113.5

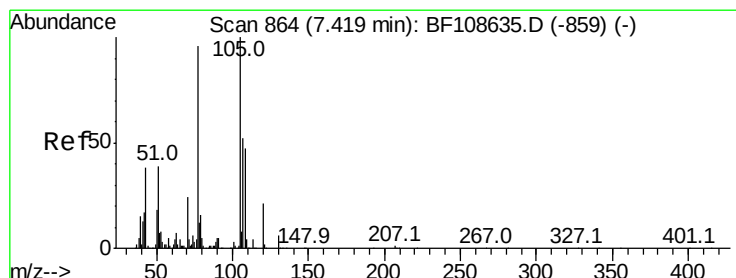
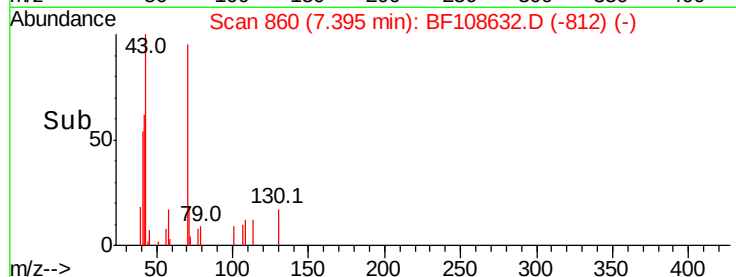
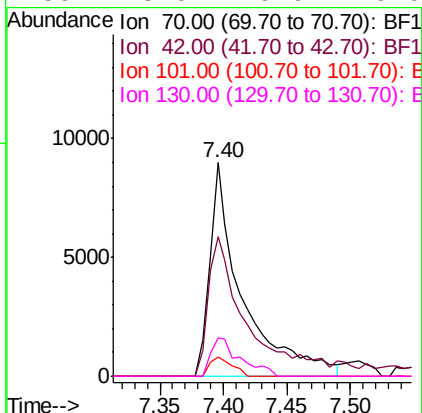
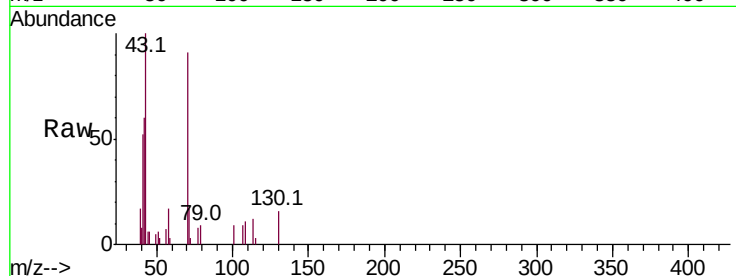




#19
n-Nitroso-di-n-propylamine
Concen: 2.557 ng
RT: 7.40 min Scan# 860
Delta R.T. -0.02 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

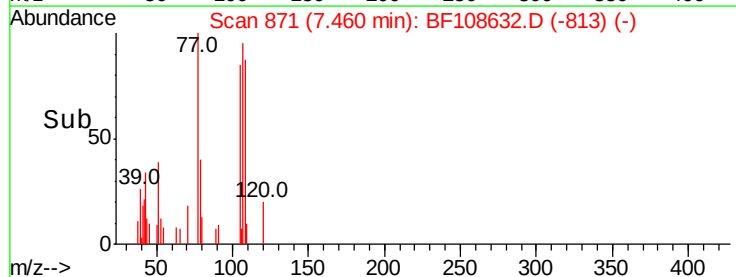
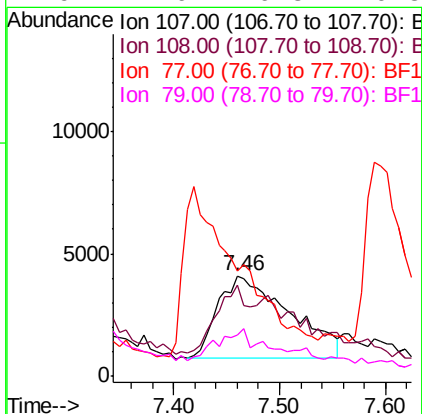
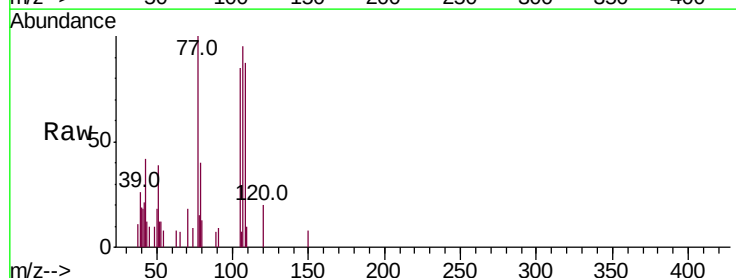
Instrument :
BNA_F
ClientSampleId :

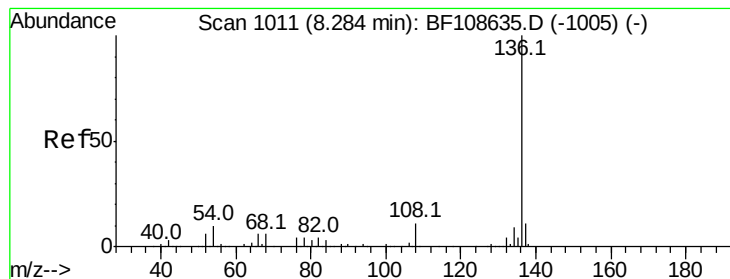
Tot Ion: 70 Resp: 16026
Ion Ratio Lower Upper
70 100
42 65.2 47.5 71.3
101 9.3 7.4 11.2
130 18.0 16.6 25.0



#20
3+4-Methylphenols
Concen: 1.830 ng
RT: 7.46 min Scan# 871
Delta R.T. 0.04 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion: 107 Resp: 15800
Ion Ratio Lower Upper
107 100
108 91.4 68.2 108.2
77 104.9 26.7 66.7#
79 41.6 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 560937

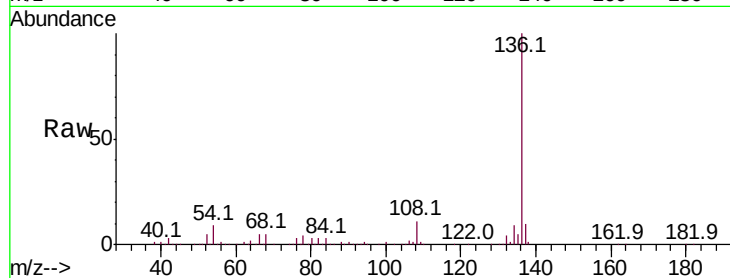
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 9.4 6.6 9.8

68 5.4 5.0 7.4

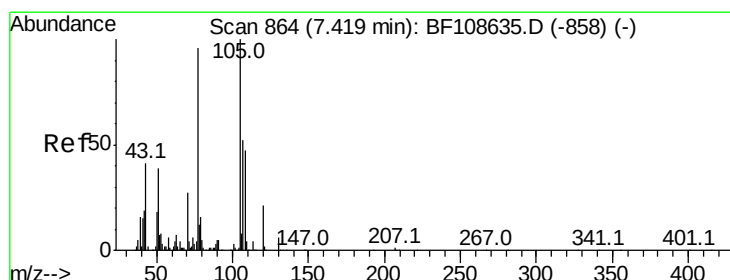
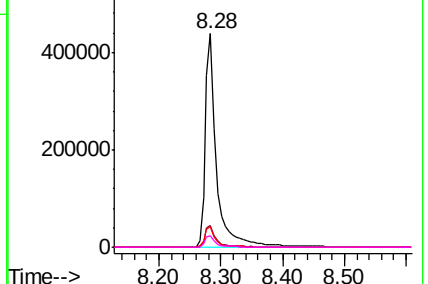
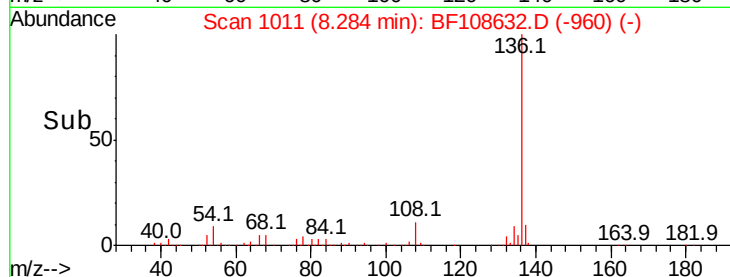


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 2.369 ng

RT: 7.42 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Tgt Ion:105 Resp: 31071

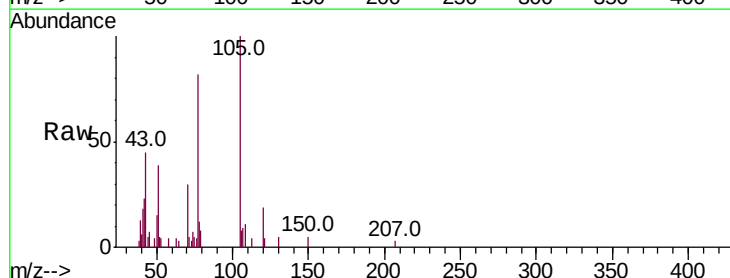
Ion Ratio Lower Upper

105 100

71 4.7 4.4 6.6

51 39.2 22.3 33.5#

120 18.7 16.9 25.3

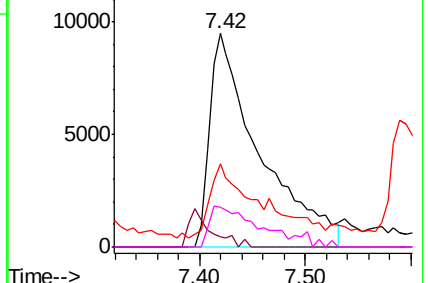
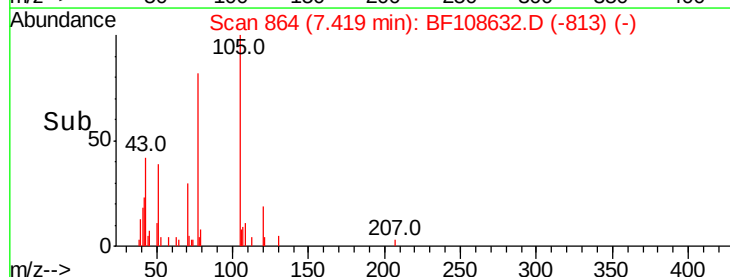


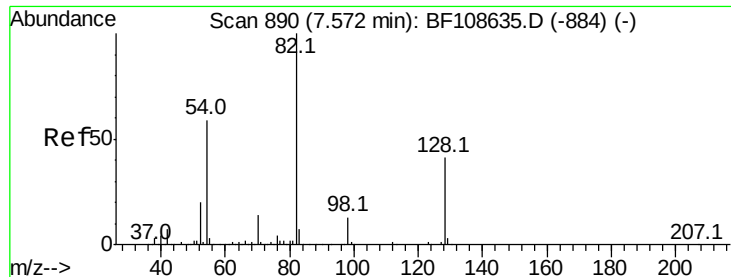
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

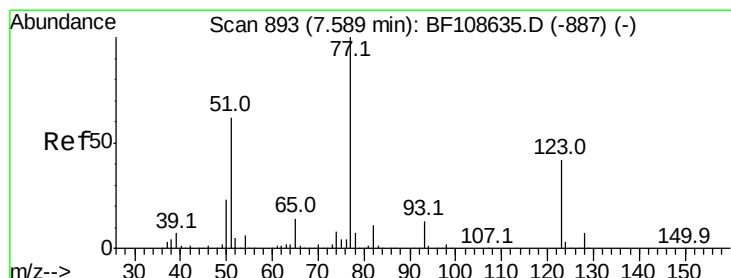
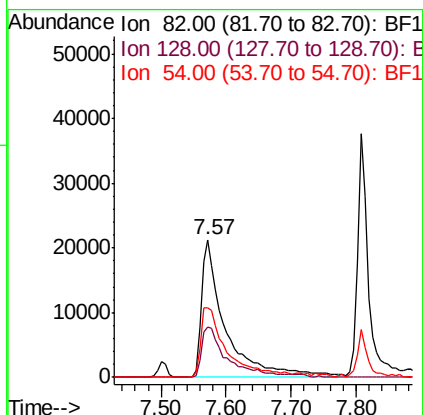
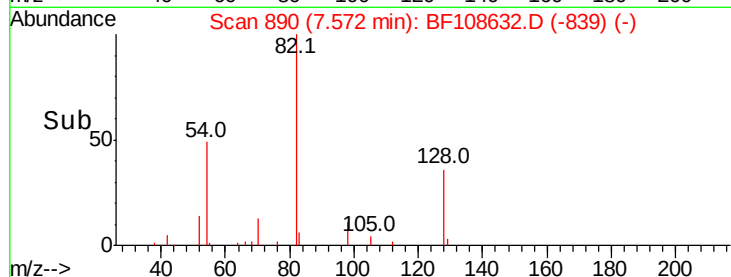
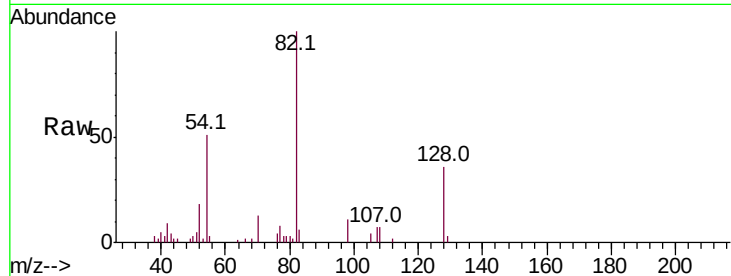




#23
Nitrobenzene-d5
Concen: 5.335 ng
RT: 7.57 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

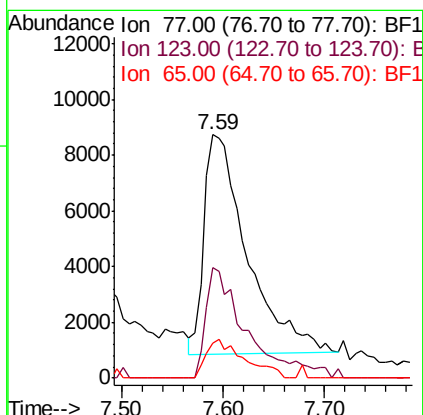
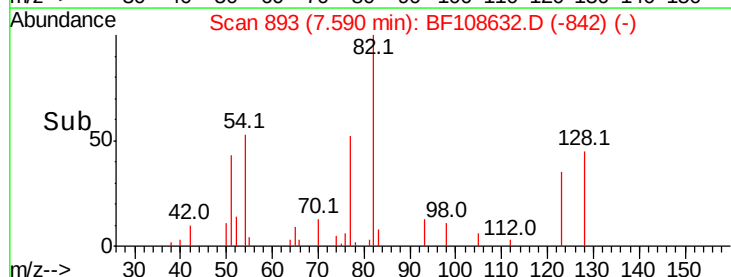
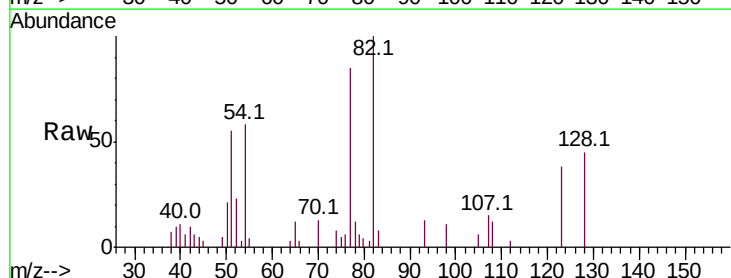
Instrument :
BNA_F
ClientSampled :

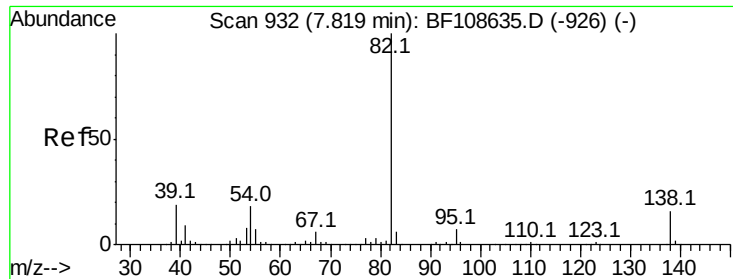
Tot Ion: 82 Resp: 53628
Ion Ratio Lower Upper
82 100
128 36.5 36.1 54.1
54 51.0 41.4 62.2



#24
Nitrobenzene
Concen: 2.281 ng
RT: 7.59 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion: 77 Resp: 23183
Ion Ratio Lower Upper
77 100
123 45.1 37.9 56.9
65 14.4 11.0 16.4

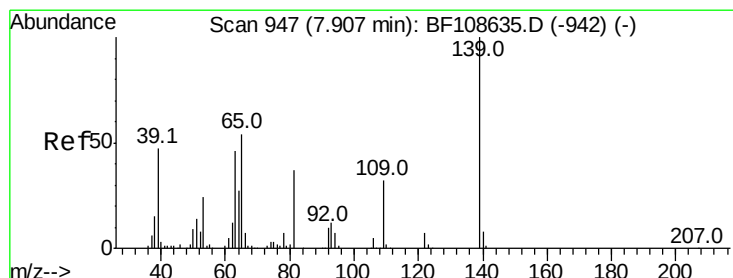
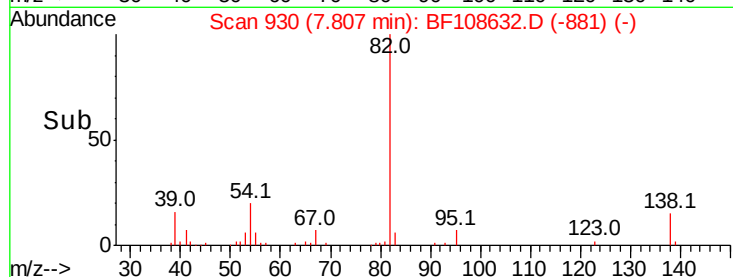
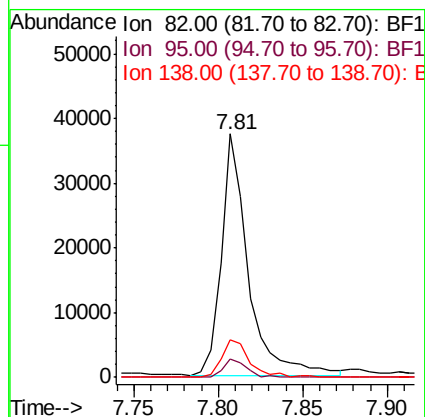
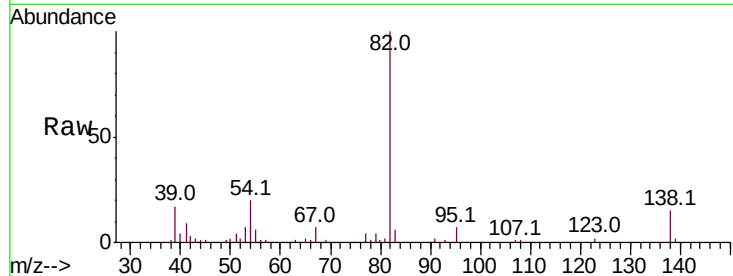




#25
Isophorone
Concen: 2.151 ng
RT: 7.81 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

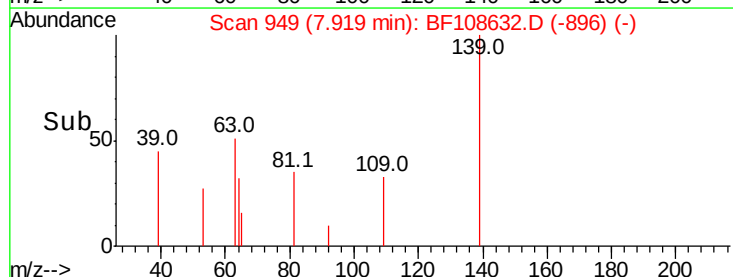
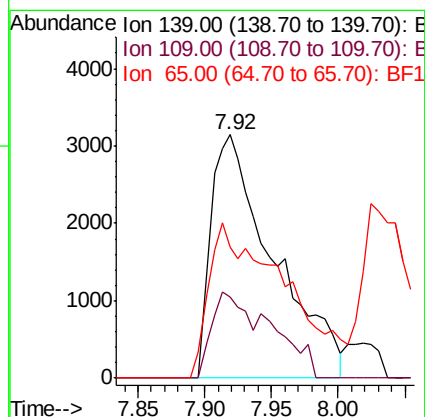
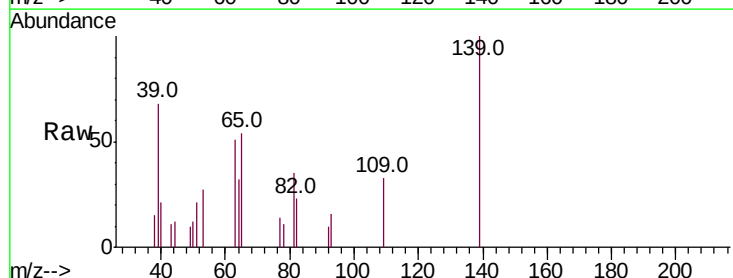
Instrument :
BNA_F
ClientSampleId :

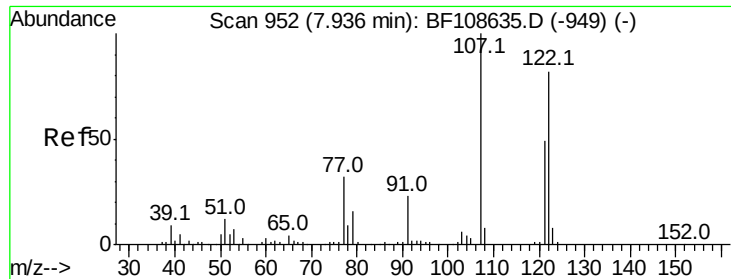
Tot Ion: 82 Resp: 41217
Ion Ratio Lower Upper
82 100
95 7.3 5.2 7.8
138 15.3 14.9 22.3



#26
2-Nitrophenol
Concen: 2.671 ng
RT: 7.92 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion: 139 Resp: 10254
Ion Ratio Lower Upper
139 100
109 33.5 22.7 34.1
65 53.6 40.5 60.7

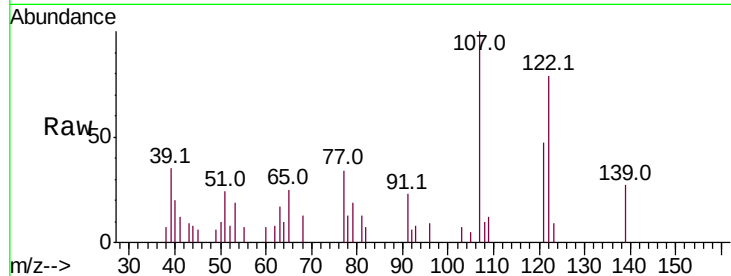




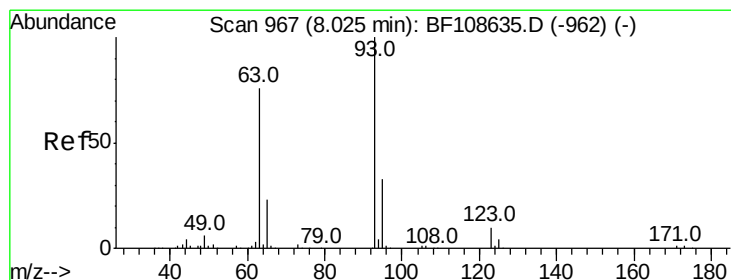
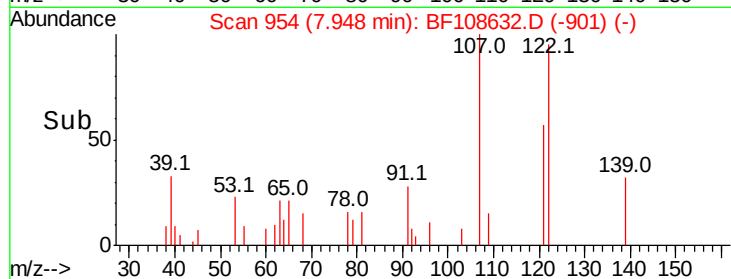
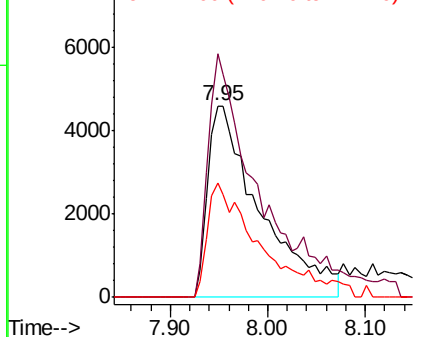
#27
 2,4-Dimethylphenol
 Concen: 2.024 ng
 RT: 7.95 min Scan# 954
 Delta R.T. 0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 17213
 Ion Ratio Lower Upper
 122 100
 107 127.0 91.2 136.8
 121 59.9 47.2 70.8

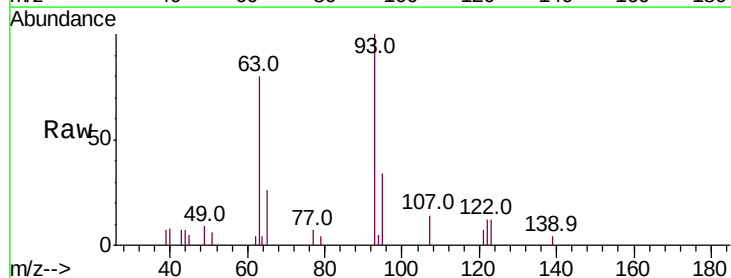


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

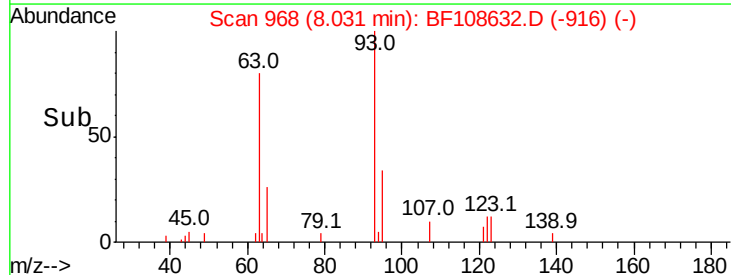
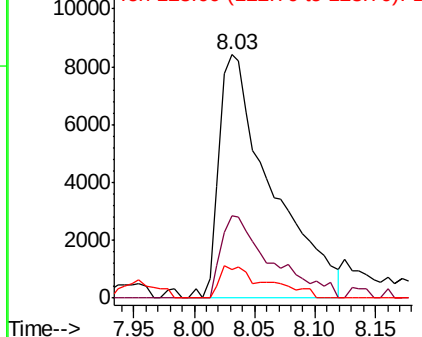


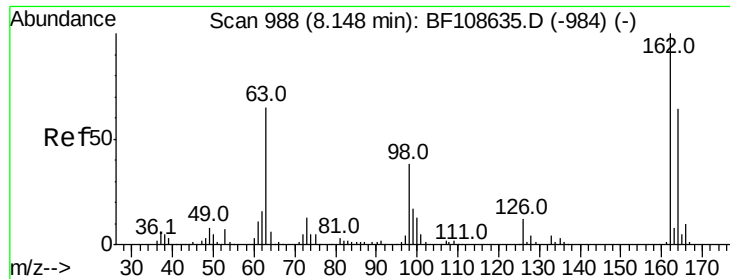
#28
 bis(2-Chloroethoxy)methane
 Concen: 2.257 ng
 RT: 8.03 min Scan# 968
 Delta R.T. 0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Tgt Ion: 93 Resp: 25246
 Ion Ratio Lower Upper
 93 100
 95 34.0 26.3 39.5
 123 11.7 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

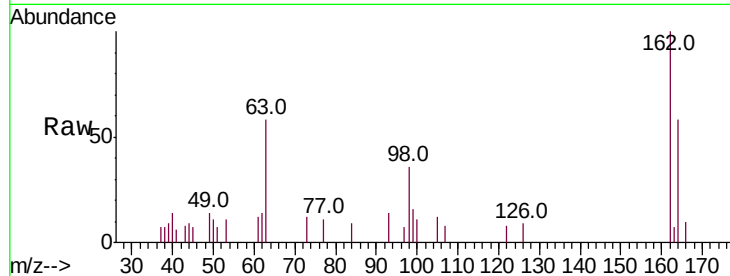




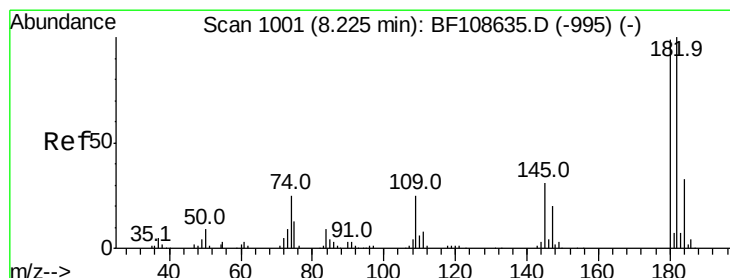
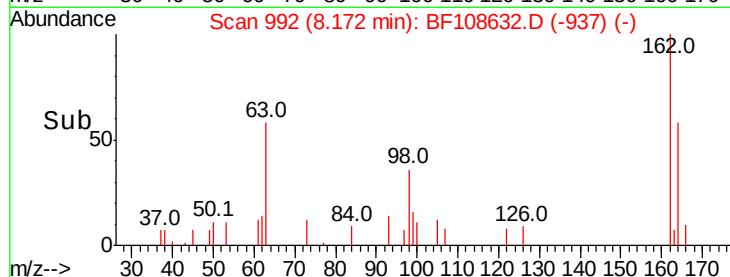
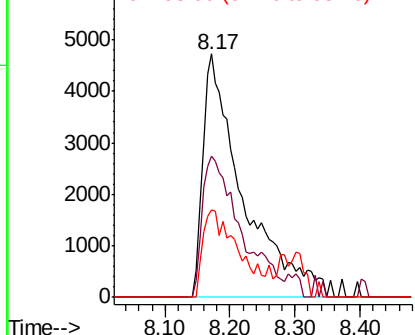
#29
 2,4-Dichlorophenol
 Concen: 2.582 ng
 RT: 8.17 min Scan# 992
 Delta R.T. 0.02 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 20210
 Ion Ratio Lower Upper
 162 100
 164 58.2 42.7 82.7
 98 36.1 18.1 58.1

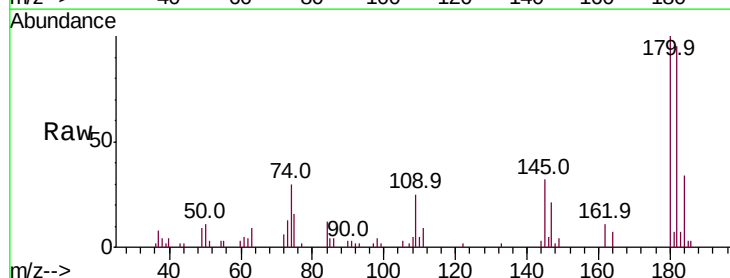


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

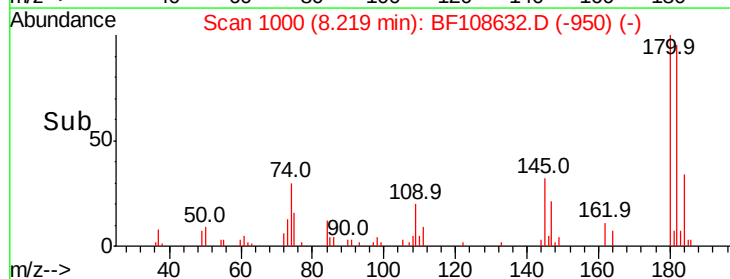
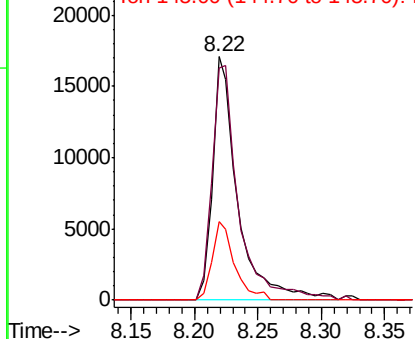


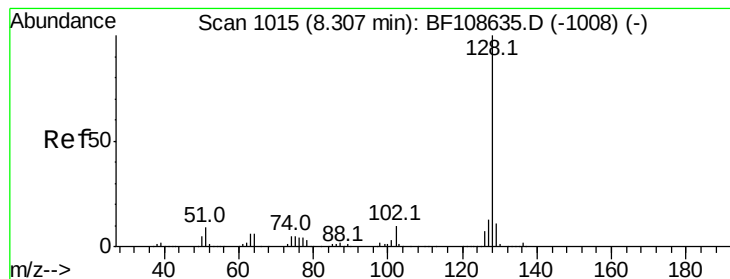
#30
 1,2,4-Trichlorobenzene
 Concen: 2.759 ng
 RT: 8.22 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Tgt Ion:180 Resp: 23807
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.8 115.2
 145 32.4 26.5 39.7



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





#31

Naphthalene

Concen: 2.778 ng

RT: 8.30 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Instrument :

BNA_F

ClientSampleId :

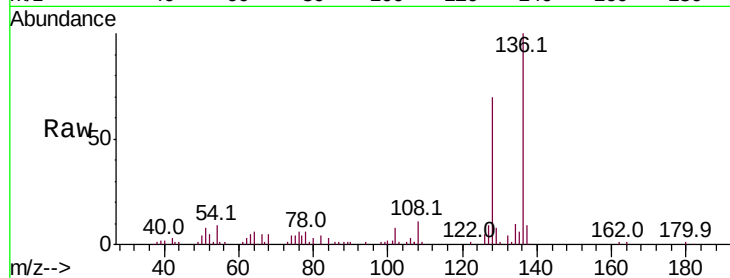
Tot Ion:128 Resp: 70871

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

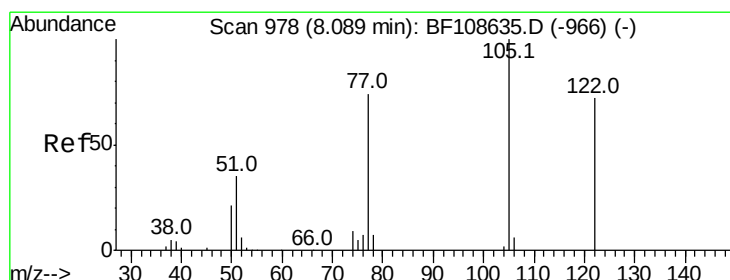
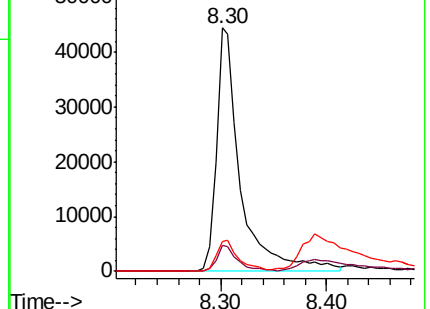
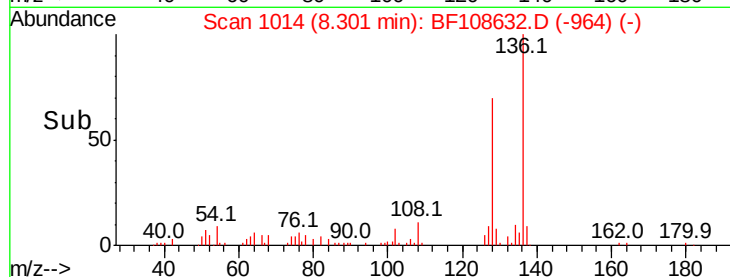
127 12.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 3.817 ng

RT: 7.95 min Scan# 954

Delta R.T. -0.14 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

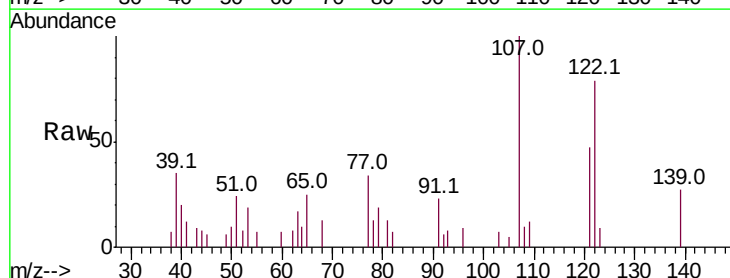
Tgt Ion:122 Resp: 17213

Ion Ratio Lower Upper

122 100

105 6.8 101.1 141.1#

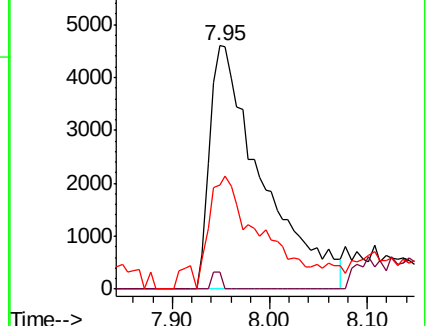
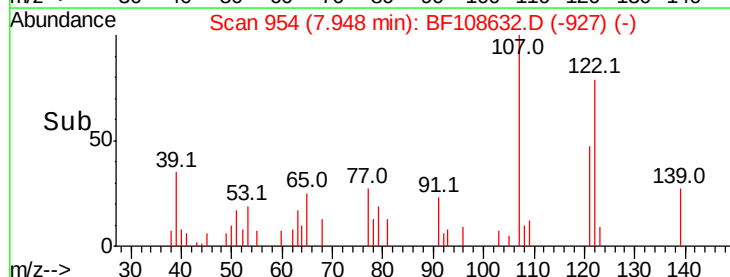
77 43.0 70.7 110.7#

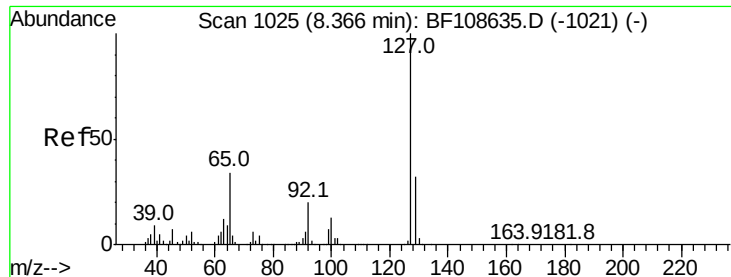


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

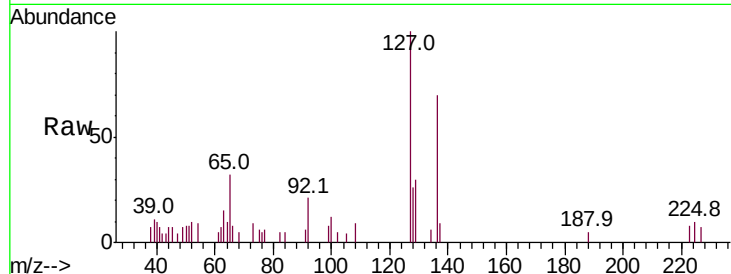




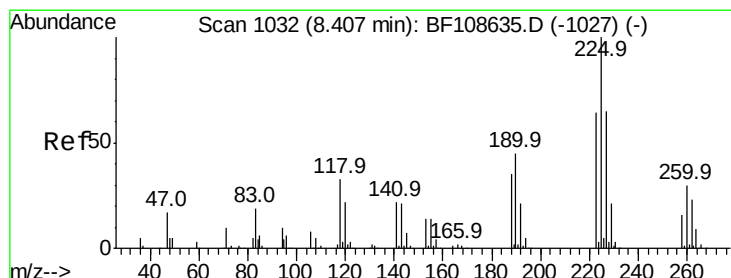
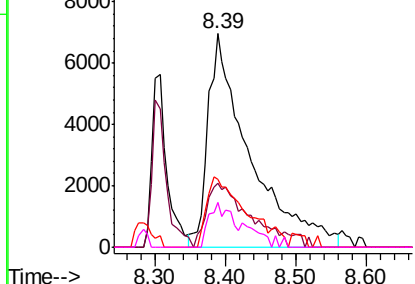
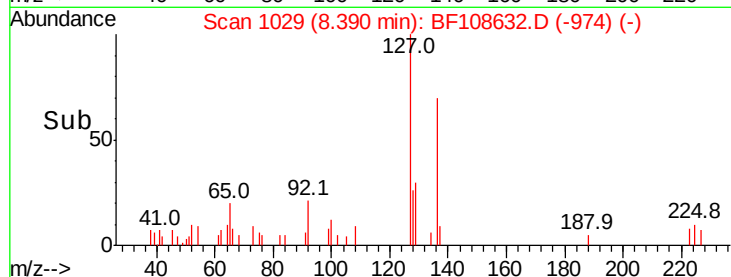
#33
4-Chloroaniline
Concen: 2.570 ng
RT: 8.39 min Scan# 1029
Delta R.T. 0.02 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:127 Resp: 28566
Ion Ratio Lower Upper
127 100
129 29.8 25.9 38.9
65 31.7 25.0 37.4
92 21.1 15.2 22.8

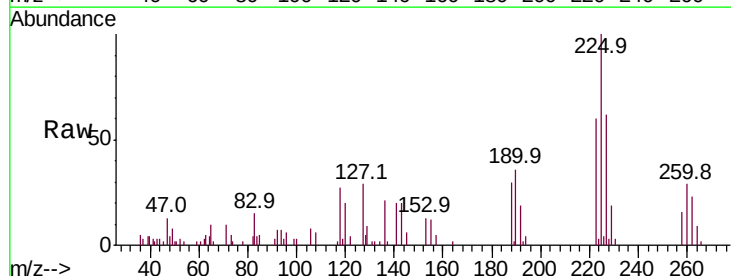


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

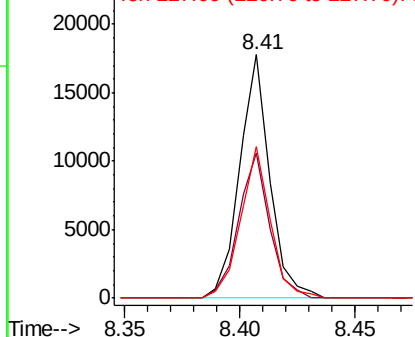
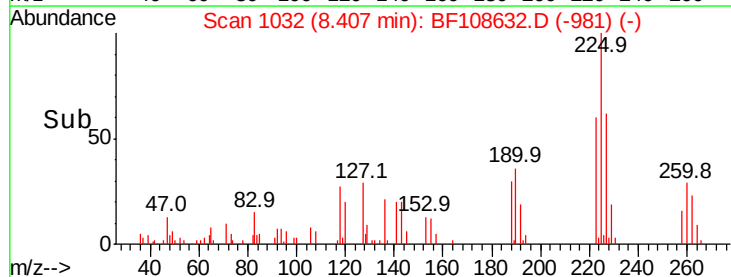


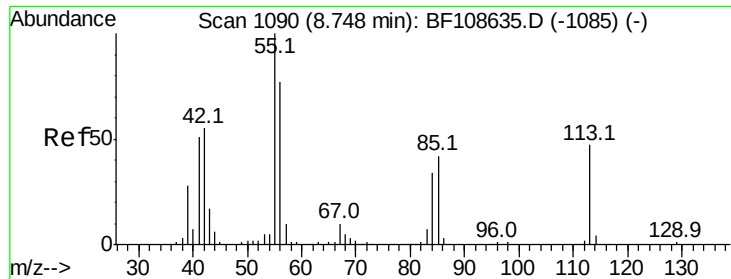
#34
Hexachlorobutadiene
Concen: 2.971 ng
RT: 8.41 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion:225 Resp: 16226
Ion Ratio Lower Upper
225 100
223 59.6 50.6 76.0
227 62.4 51.9 77.9



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

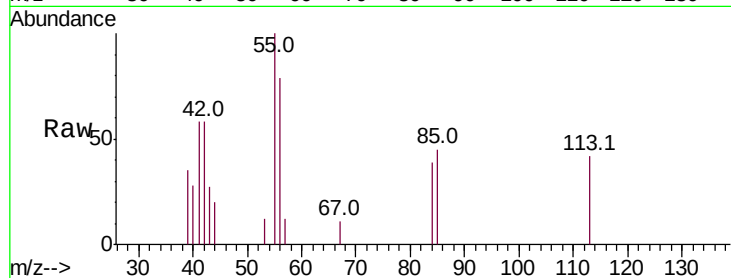




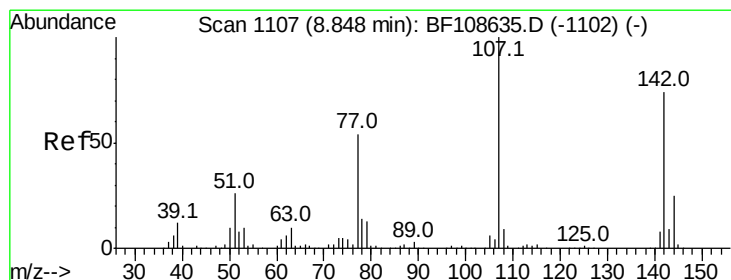
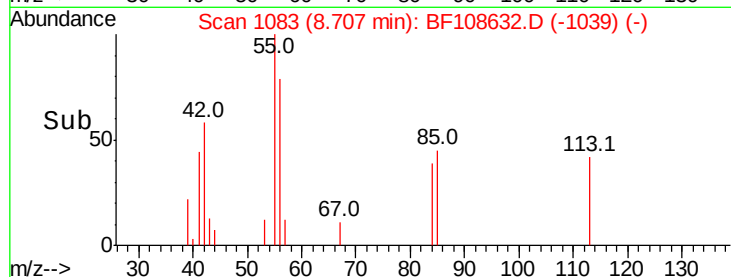
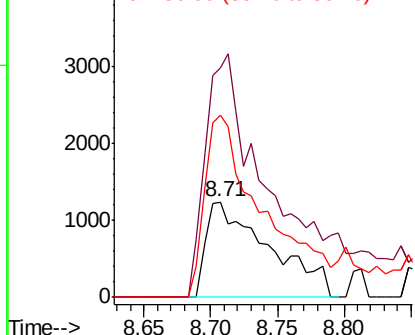
#35
Caprolactam
Concen: 1.655 ng
RT: 8.71 min Scan# 1083
Delta R.T. -0.04 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 4059
Ion Ratio Lower Upper
113 100
55 240.3 163.3 203.3#
56 190.7 115.7 155.7#

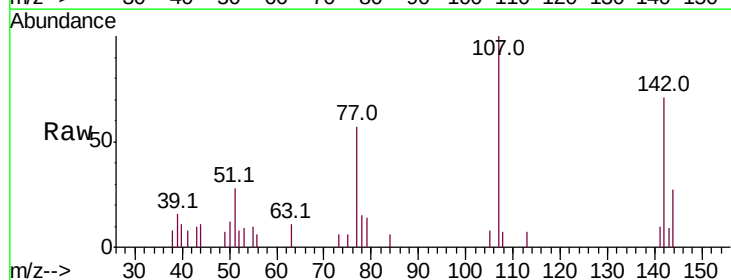


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

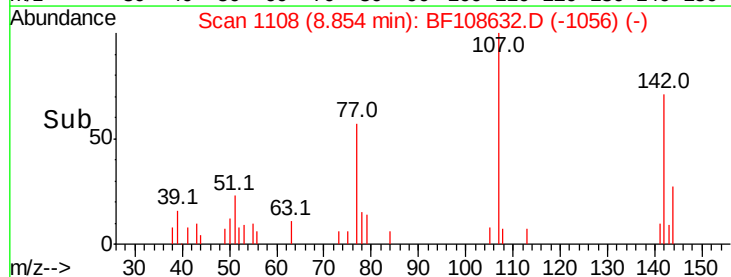
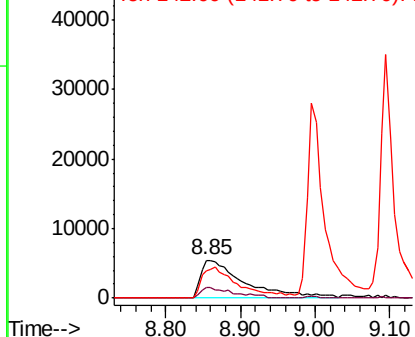


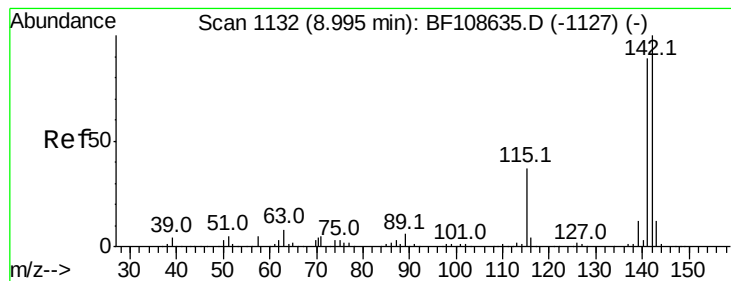
#36
4-Chloro-3-methylphenol
Concen: 2.627 ng
RT: 8.85 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion:107 Resp: 22178
Ion Ratio Lower Upper
107 100
144 26.9 20.5 30.7
142 71.2 62.0 93.0



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





#37

2-Methylnaphthalene

Concen: 2.390 ng

RT: 9.00 min Scan# 1132

Delta R.T. 0.00 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Instrument :

BNA_F

ClientSampleId :

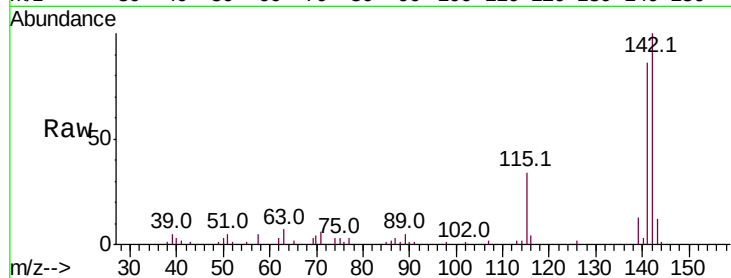
Tot Ion:142 Resp: 43140

Ion Ratio Lower Upper

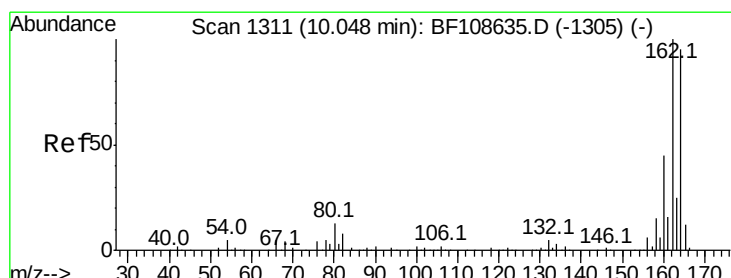
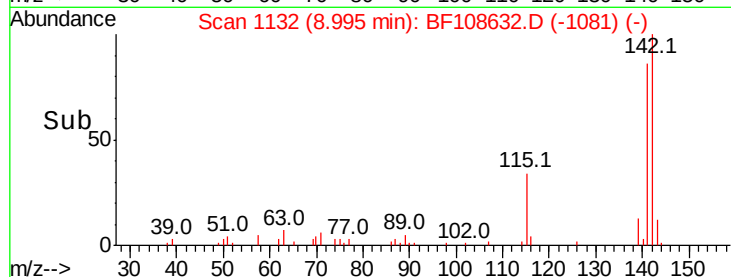
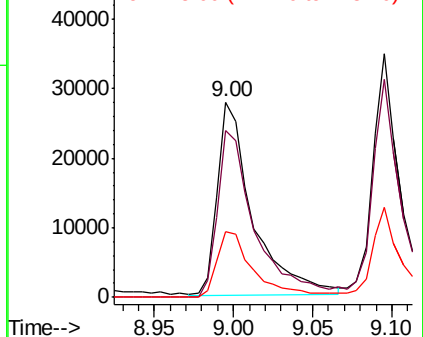
142 100

141 85.6 70.8 106.2

115 33.8 26.1 39.1



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

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

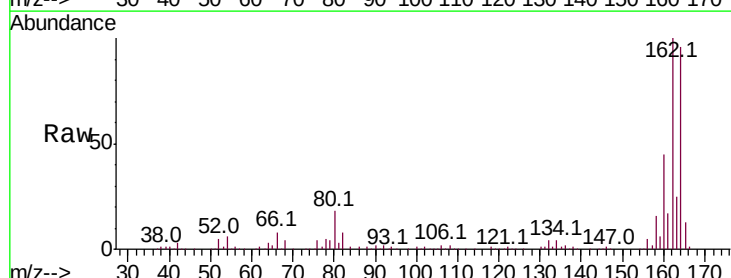
Tgt Ion:164 Resp: 302465

Ion Ratio Lower Upper

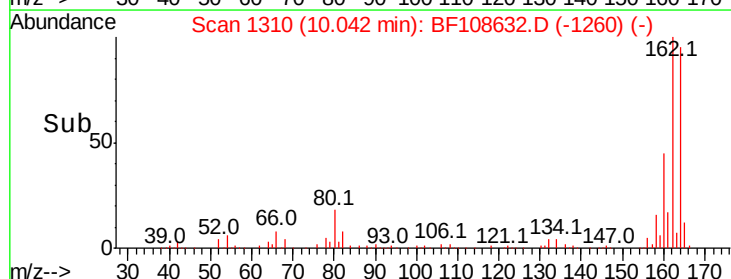
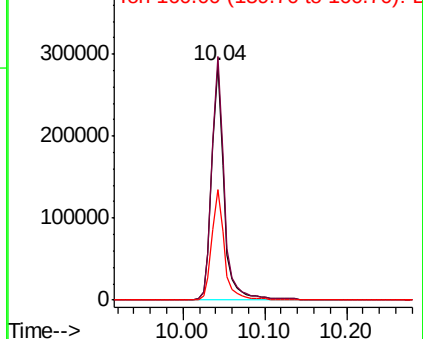
164 100

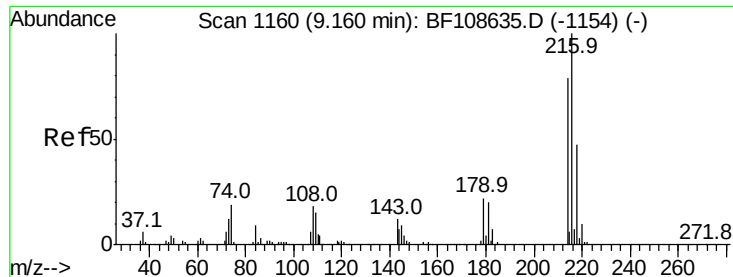
162 103.9 86.1 129.1

160 47.0 38.3 57.5



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

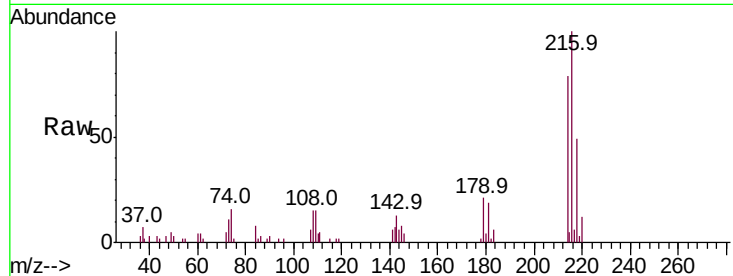




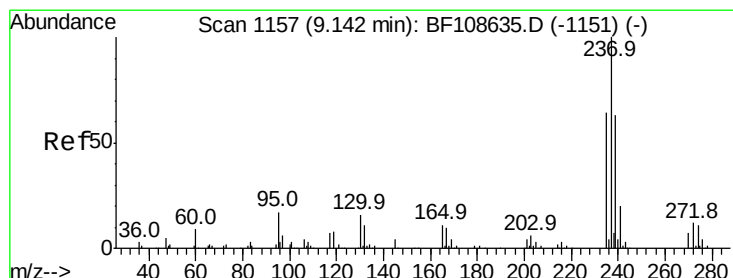
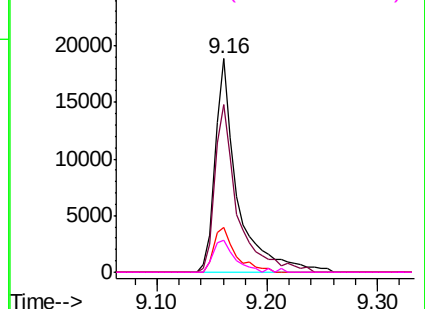
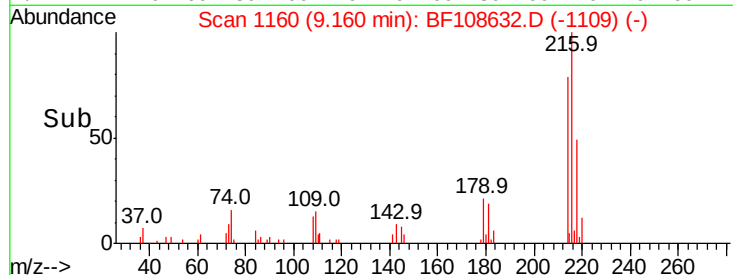
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.817 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	26163
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.4
179	20.2	18.1	27.1
108	14.5	17.2	25.8#

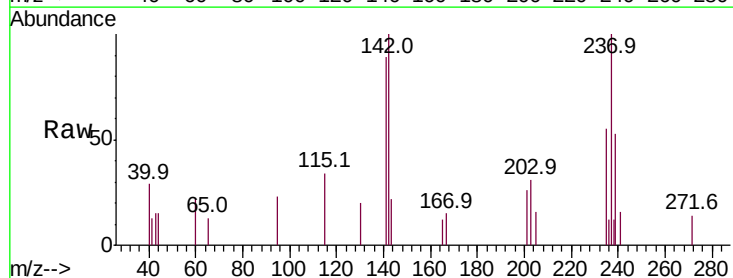


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

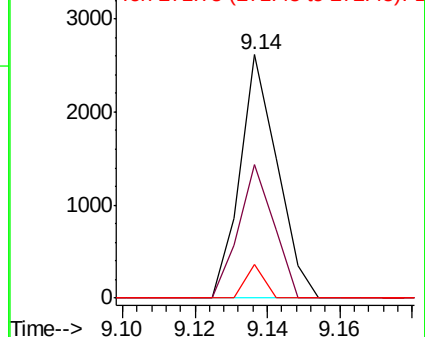
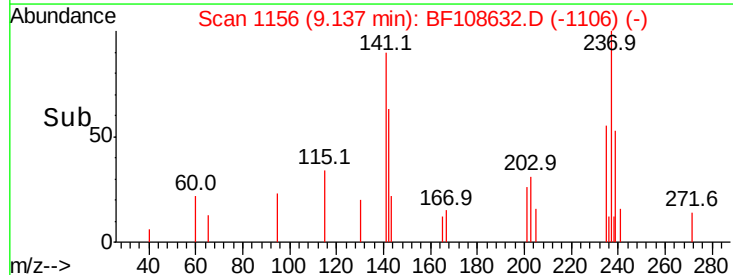


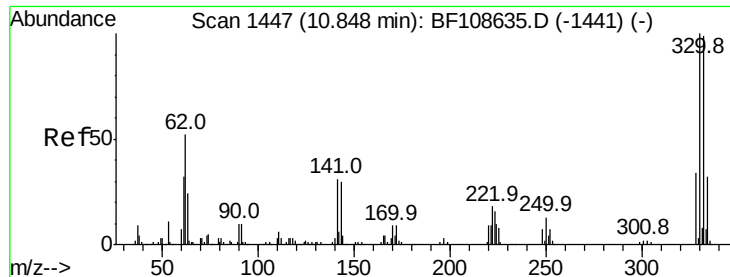
#40
 Hexachlorocyclopentadiene
 Concen: 0.314 ng
 RT: 9.14 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Tgt Ion:	237	Resp:	1881
Ion	Ratio	Lower	Upper
237	100		
235	54.8	44.8	84.8
272	14.1	0.0	33.3



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

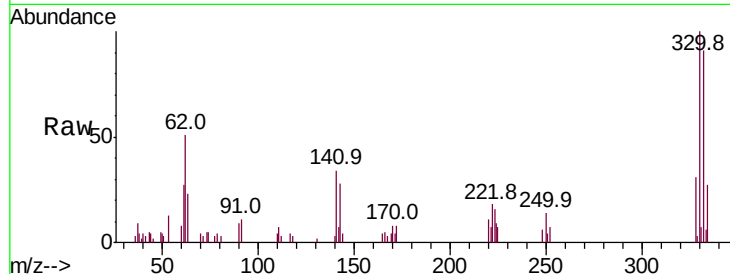




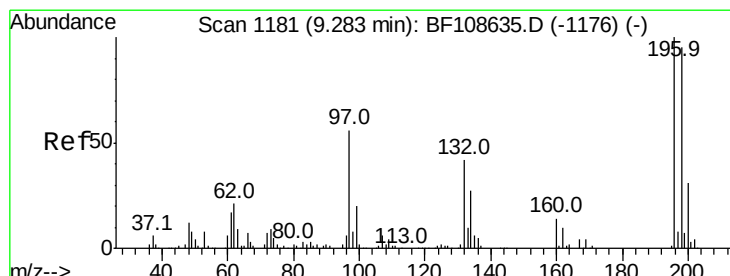
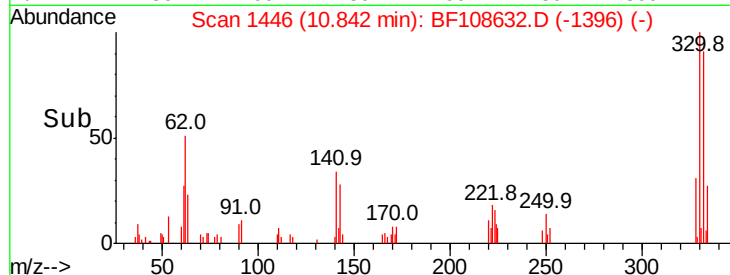
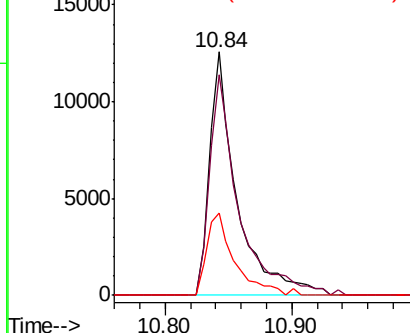
#41
 2,4,6-Tribromophenol
 Concen: 6.293 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	34.6	29.9	44.9

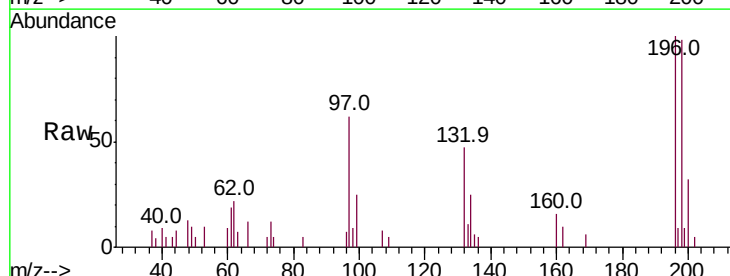


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

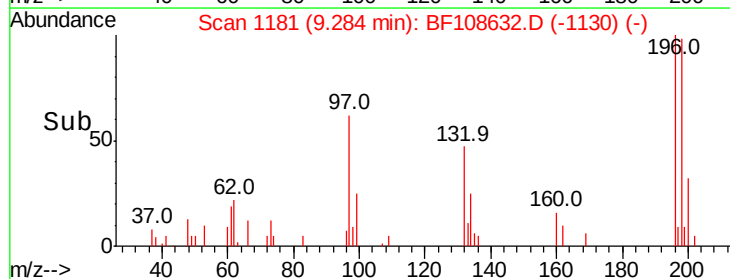
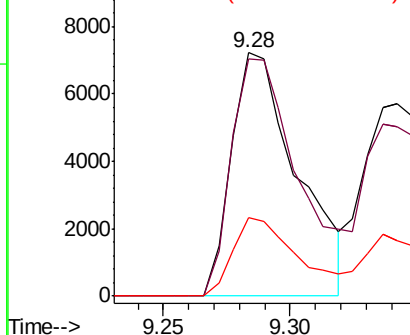


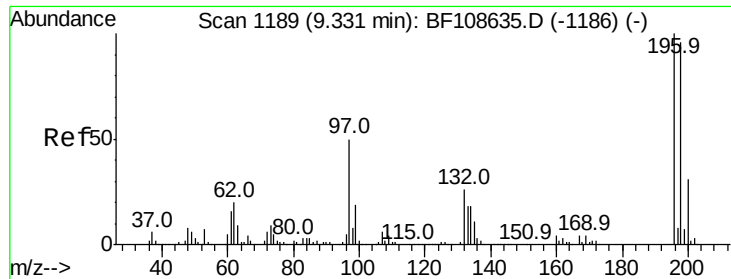
#42
 2,4,6-Trichlorophenol
 Concen: 2.265 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.6	75.7	113.5
200	32.3	24.5	36.7



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

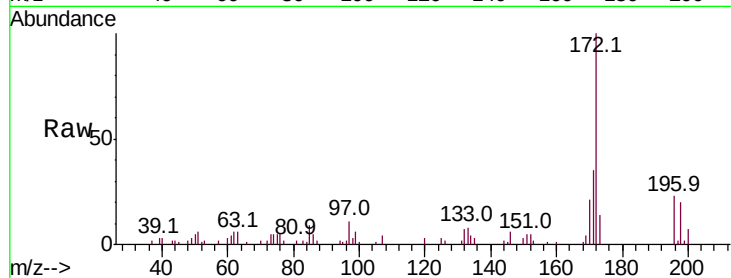




#43
 2,4,5-Trichlorophenol
 Concen: 3.154 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	88.1	74.6	112.0
97	46.3	42.9	64.3
132	29.7	26.3	39.5



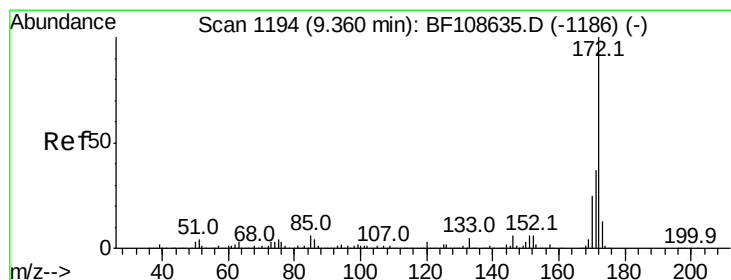
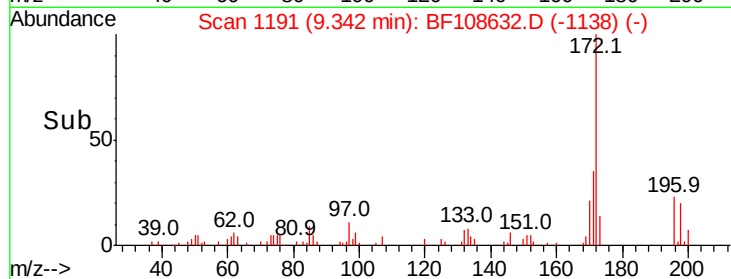
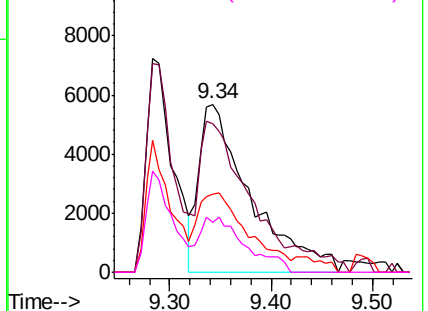
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

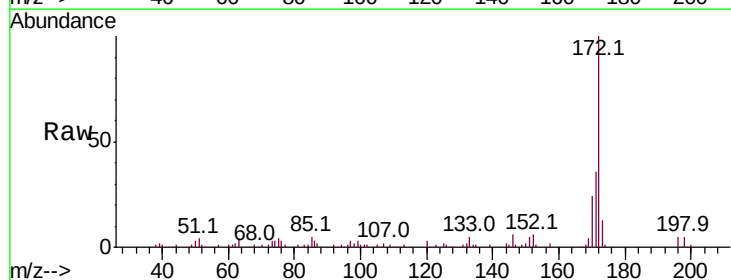
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 6.541 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.8	19.6	29.4

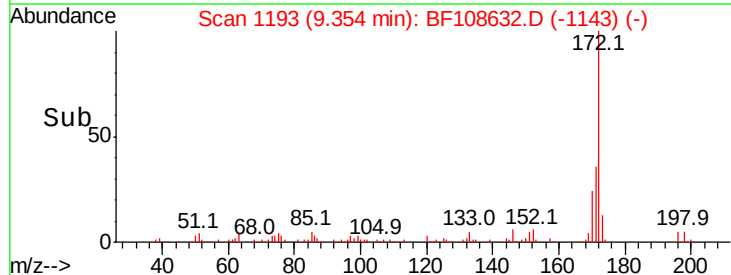
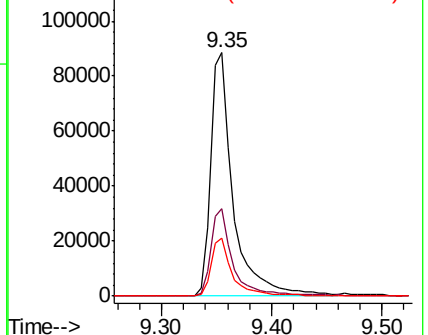


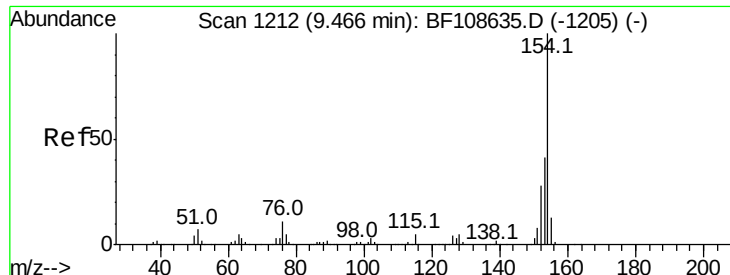
Abundance

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





#45

1,1'-Biphenyl

Concen: 3.050 ng

RT: 9.46 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Instrument :

BNA_F

ClientSampleId :

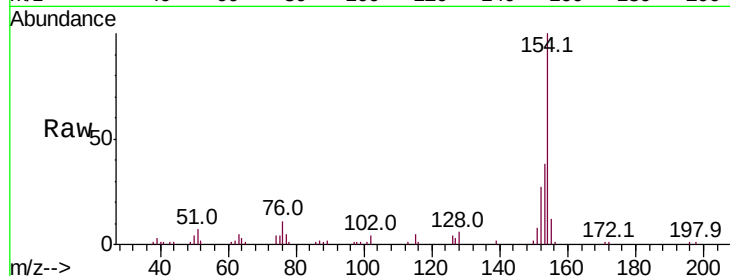
Tot Ion:154 Resp: 68027

Ion Ratio Lower Upper

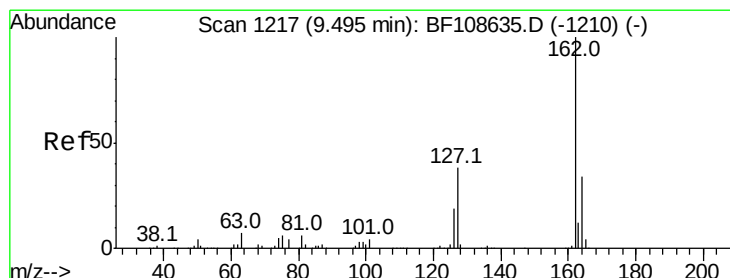
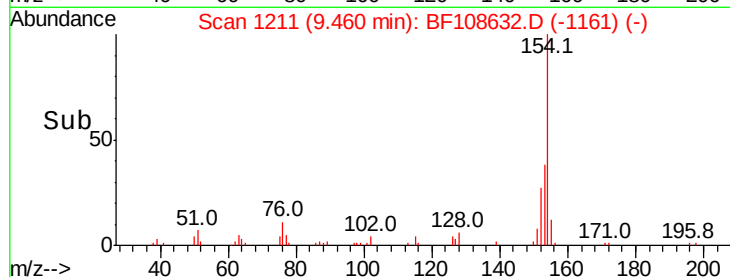
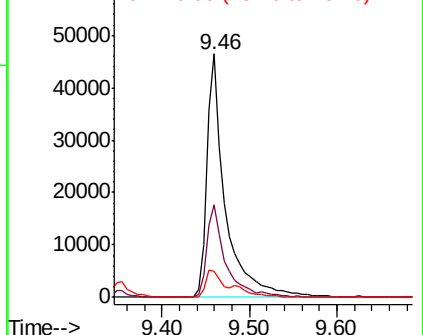
154 100

153 38.0 21.3 61.3

76 10.9 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 2.977 ng

RT: 9.49 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

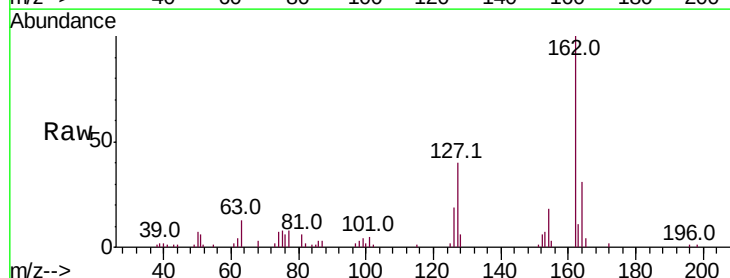
Tgt Ion:162 Resp: 52466

Ion Ratio Lower Upper

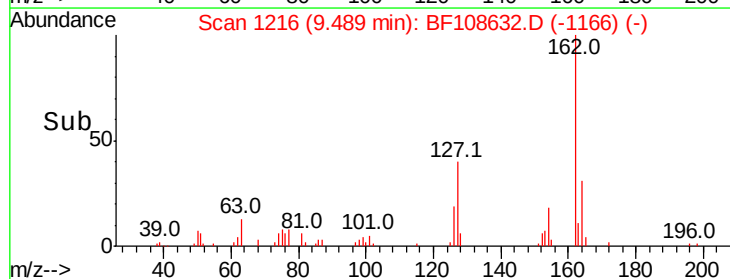
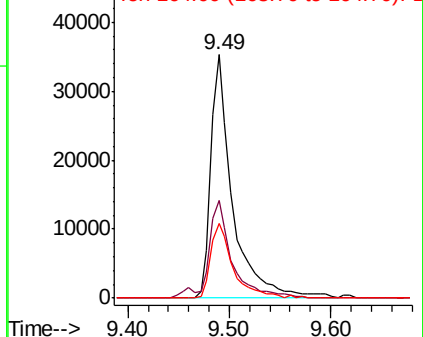
162 100

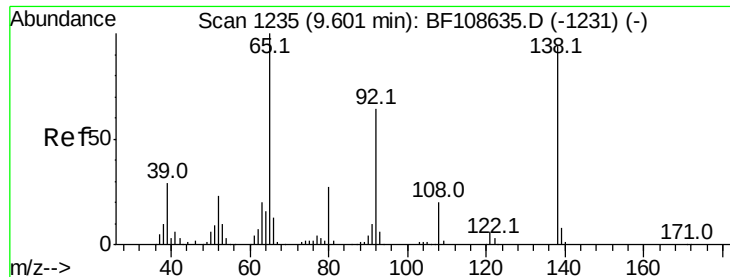
127 40.1 33.9 50.9

164 30.9 26.5 39.7



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





#47

2-Nitroaniline

Concen: 2.827 ng

RT: 9.61 min Scan# 1236

Delta R.T. 0.01 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Instrument :

BNA_F

ClientSampleId :

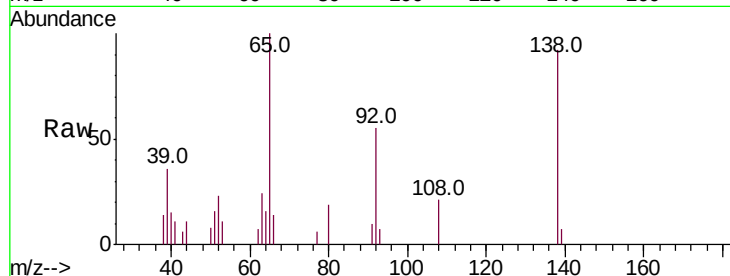
Tot Ion: 65 Resp: 16121

Ion Ratio Lower Upper

65 100

92 55.3 55.8 83.6#

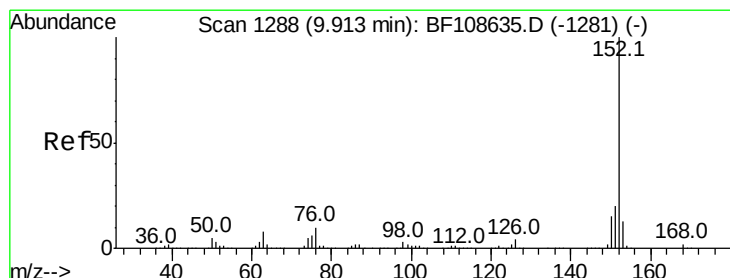
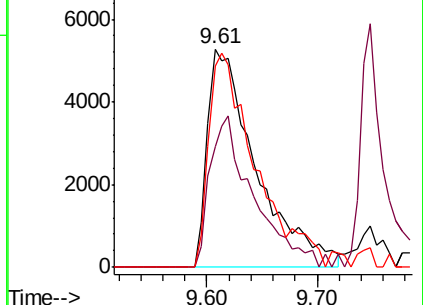
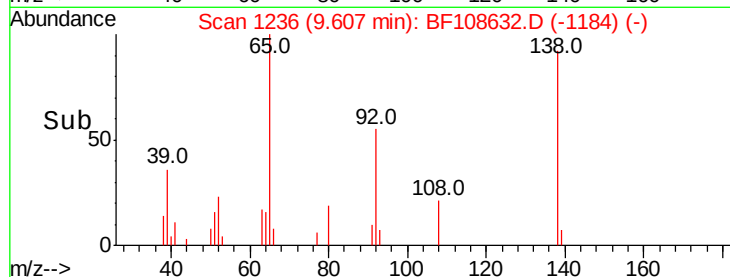
138 92.3 91.2 136.8



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): BF1



#48

Acenaphthylene

Concen: 2.837 ng

RT: 9.91 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

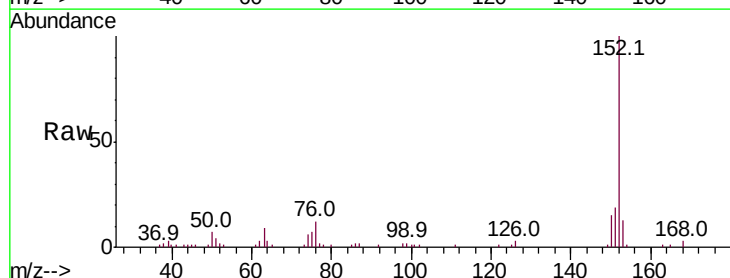
Tgt Ion: 152 Resp: 79045

Ion Ratio Lower Upper

152 100

151 19.3 16.3 24.5

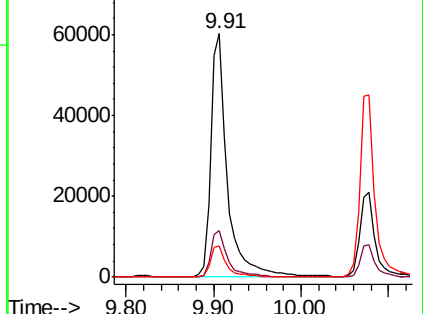
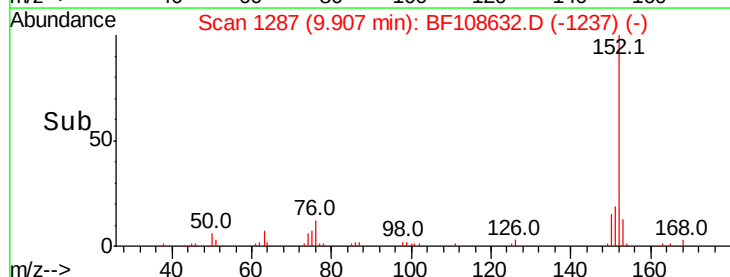
153 12.6 10.7 16.1

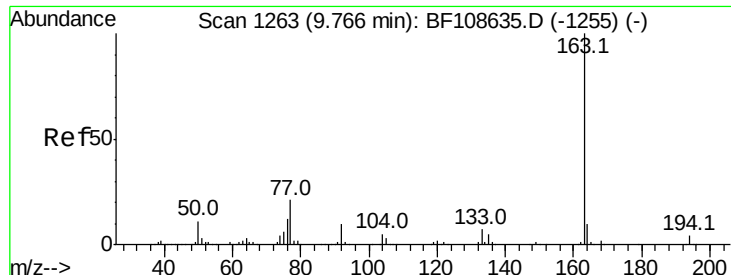


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

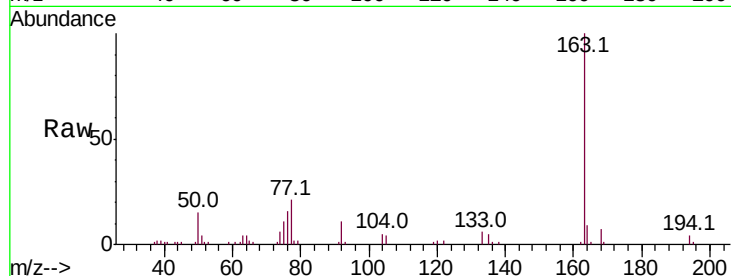




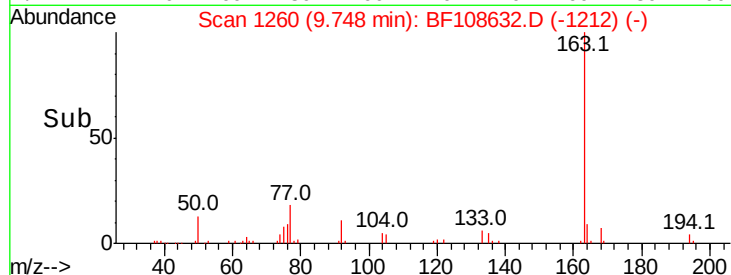
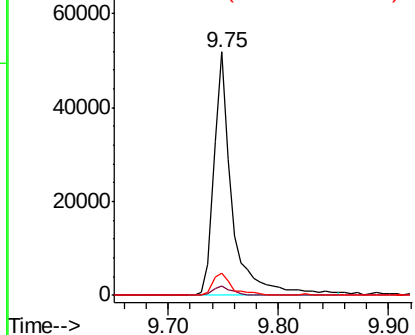
#49
Dimethylphthalate
Concen: 2.794 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 58863
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.3 8.2 12.2

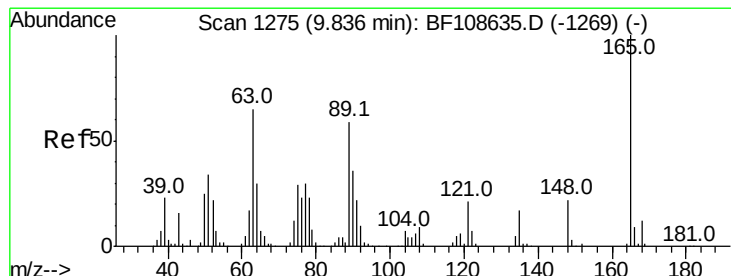


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

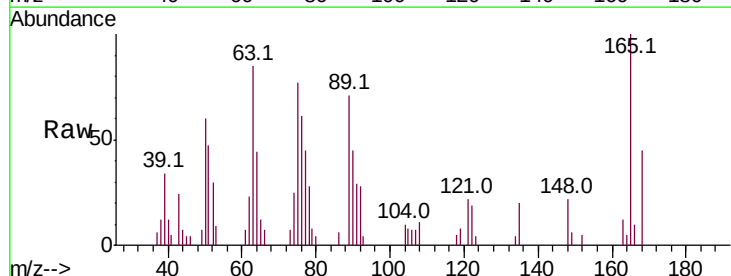
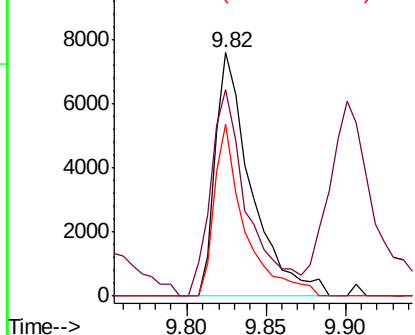


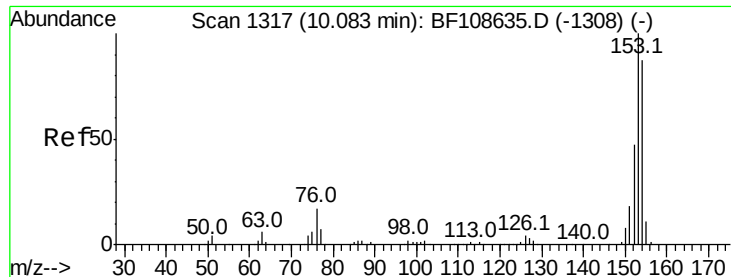
#50
2,6-Dinitrotoluene
Concen: 2.718 ng
RT: 9.82 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion:165 Resp: 11980
Ion Ratio Lower Upper
165 100
63 85.0 44.7 67.1#
89 70.9 44.0 66.0#



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





#51

Acenaphthene

Concen: 2.829 ng

RT: 10.08 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Instrument :

BNA_F

ClientSampleId :

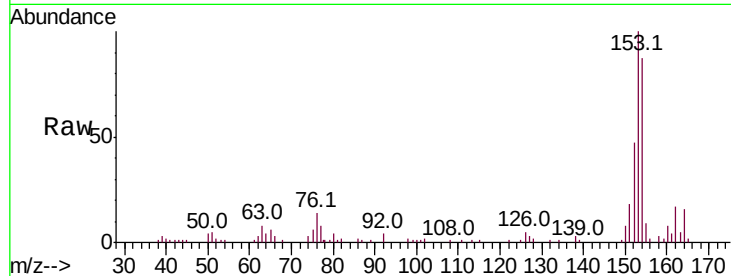
Tot Ion:154 Resp: 48278

Ion Ratio Lower Upper

154 100

153 115.5 91.2 136.8

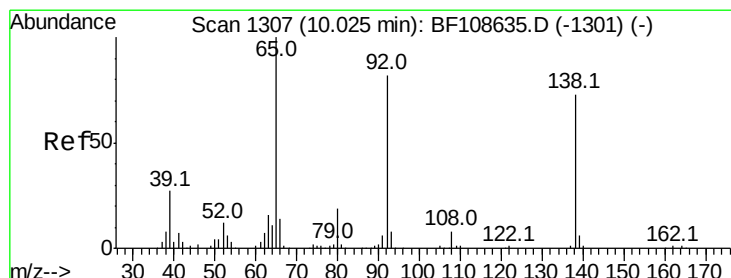
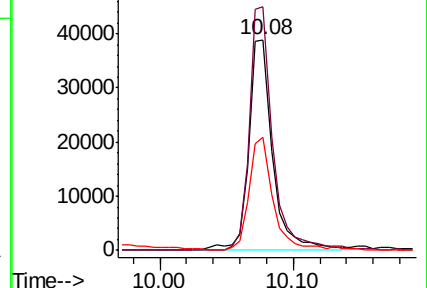
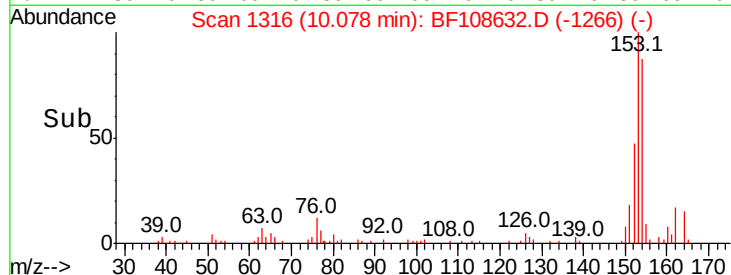
152 53.8 43.8 65.8



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



#52

3-Nitroaniline

Concen: 2.677 ng

RT: 10.04 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

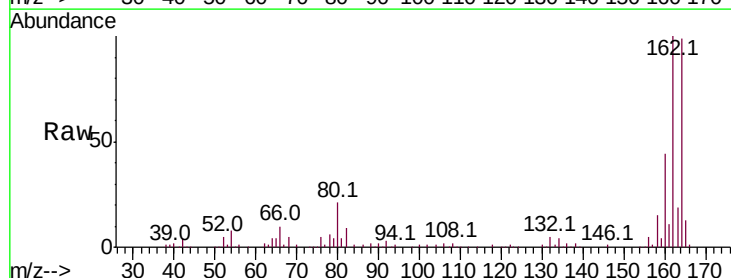
Tgt Ion:138 Resp: 12909

Ion Ratio Lower Upper

138 100

108 95.4 9.4 14.0#

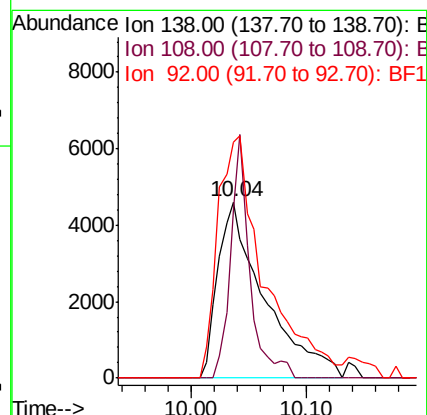
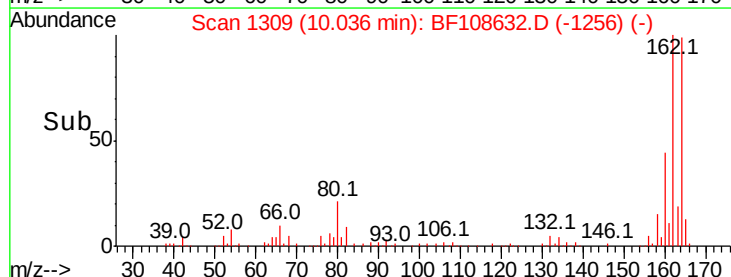
92 134.3 89.4 134.2#

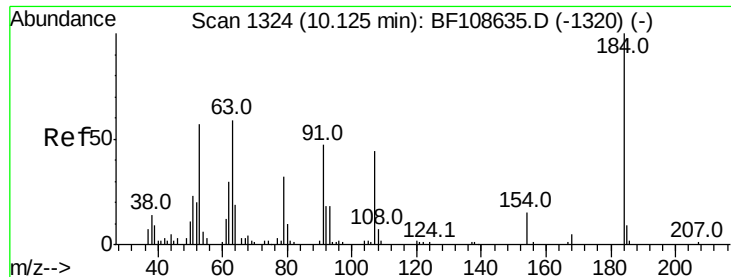


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

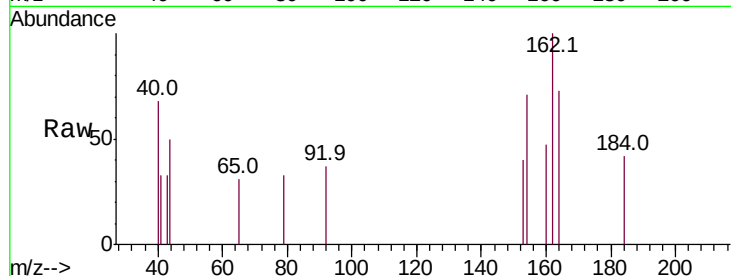




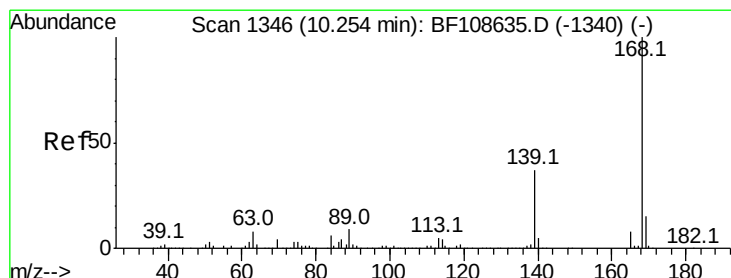
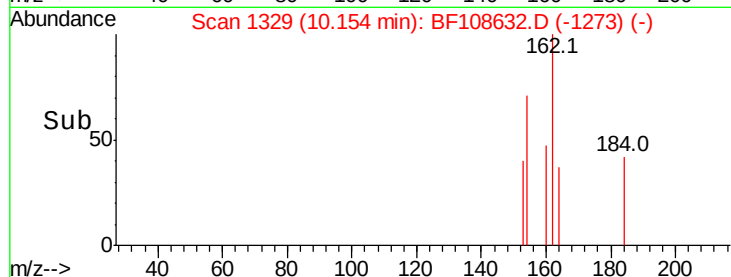
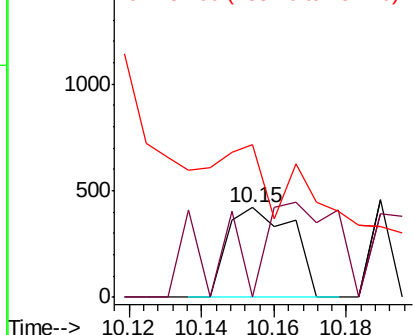
#53
2,4-Dinitrophenol
Concen: 0.375 ng
RT: 10.15 min Scan# 1329
Delta R.T. 0.03 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 520
Ion Ratio Lower Upper
184 100
63 0.0 54.2 81.2#
154 169.8 184.0 276.0#

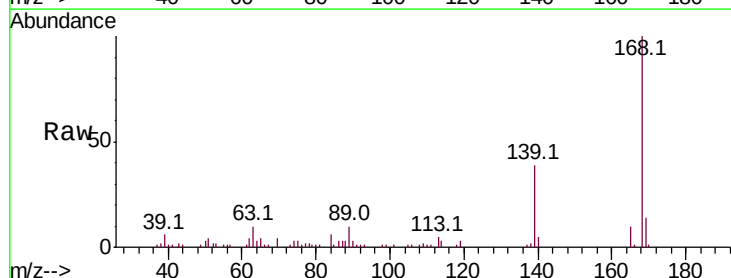


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

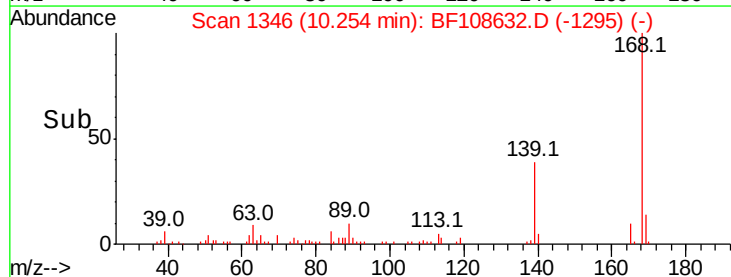
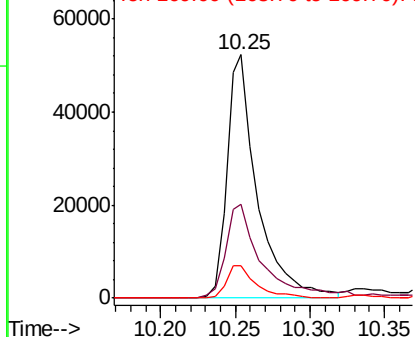


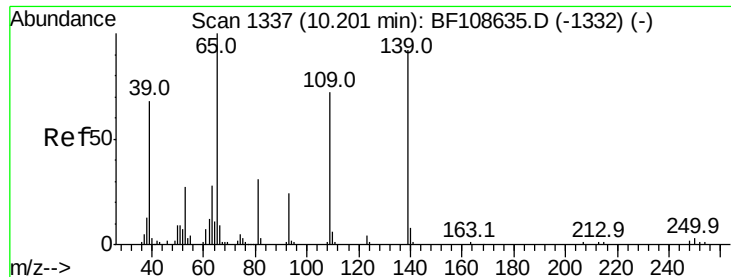
#54
Dibenzofuran
Concen: 3.018 ng
RT: 10.25 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion:168 Resp: 74628
Ion Ratio Lower Upper
168 100
139 38.6 30.1 45.1
169 13.5 10.9 16.3



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

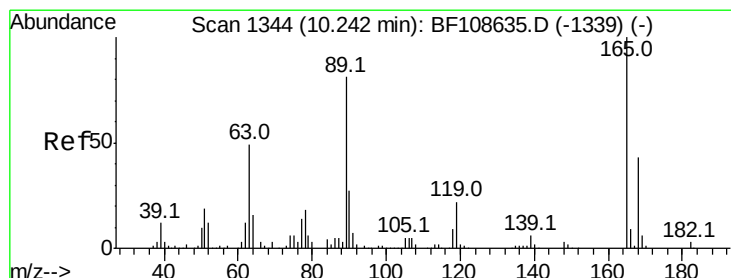
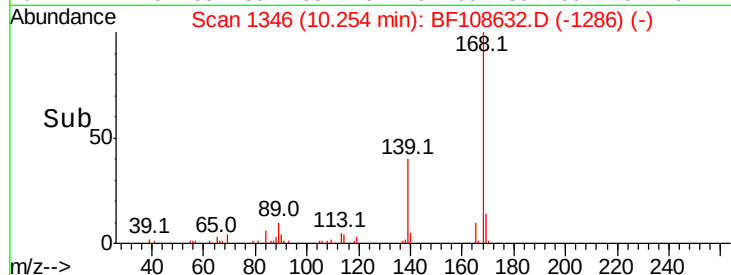
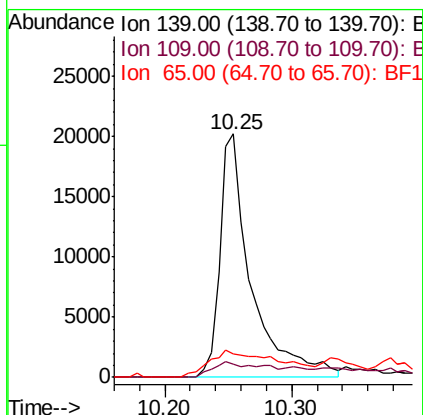
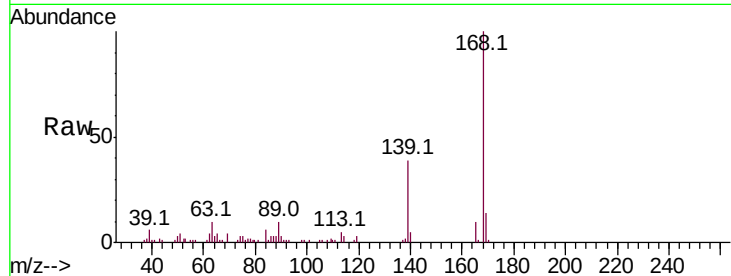




#55
4-Nitrophenol
Concen: 9.496 ng
RT: 10.25 min Scan# 1346
Delta R.T. 0.05 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

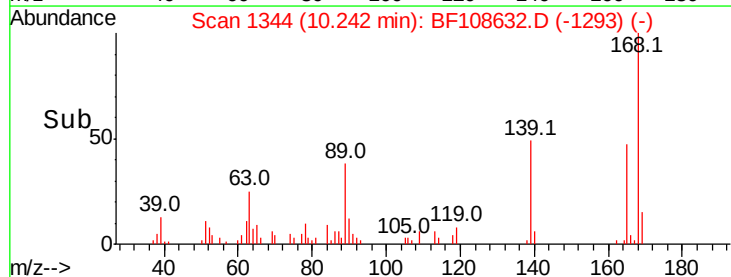
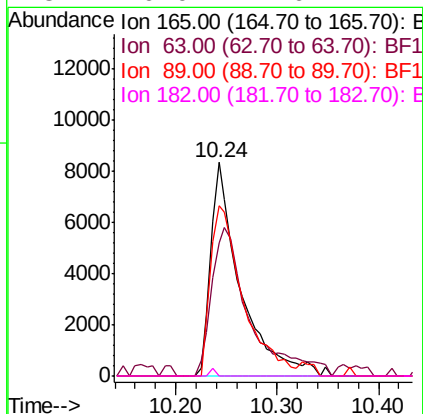
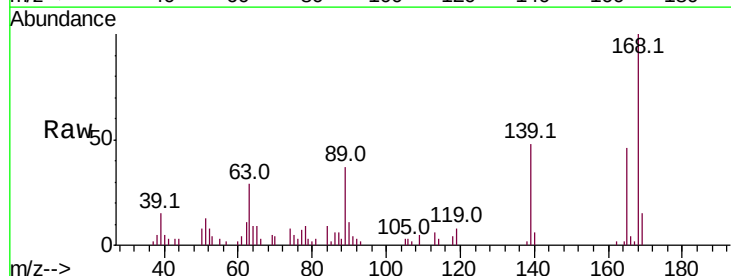
Instrument :
BNA_F
ClientSampled :

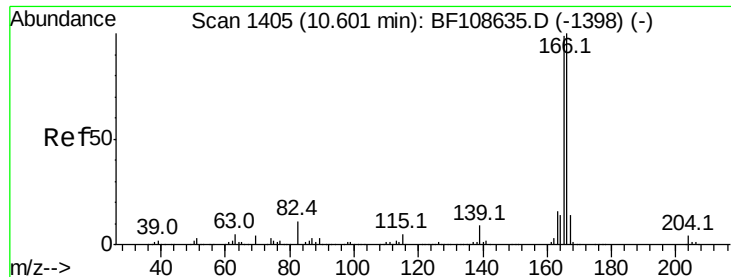
Tot Ion:139 Resp: 34681
Ion Ratio Lower Upper
139 100
109 5.4 48.4 88.4#
65 9.4 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 2.993 ng
RT: 10.24 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion:165 Resp: 16983
Ion Ratio Lower Upper
165 100
63 62.3 36.4 54.6#
89 79.9 57.8 86.6
182 0.0 1.6 2.4#

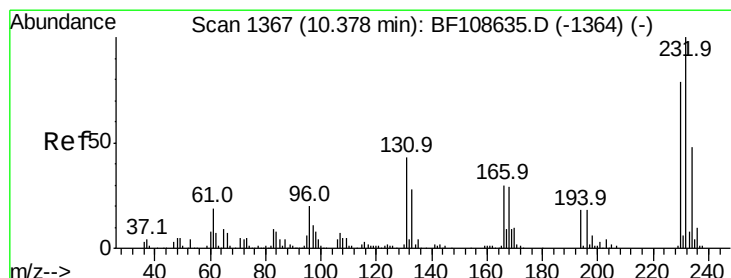
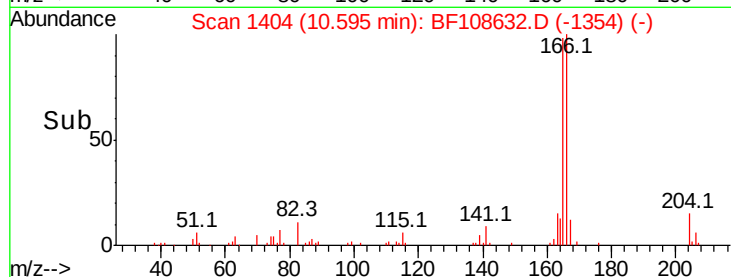
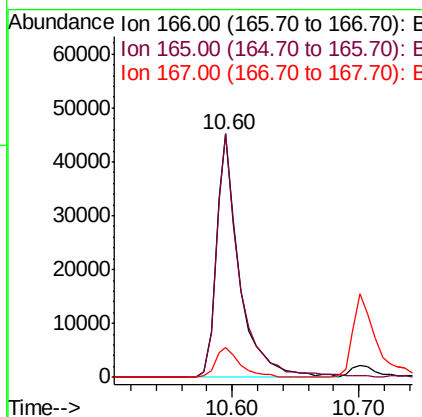
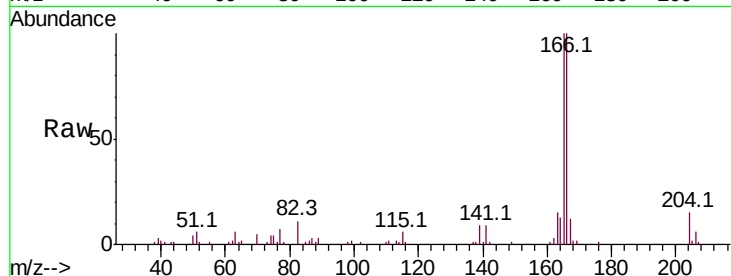




#57
 Fluorene
 Concen: 2.913 ng
 RT: 10.60 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

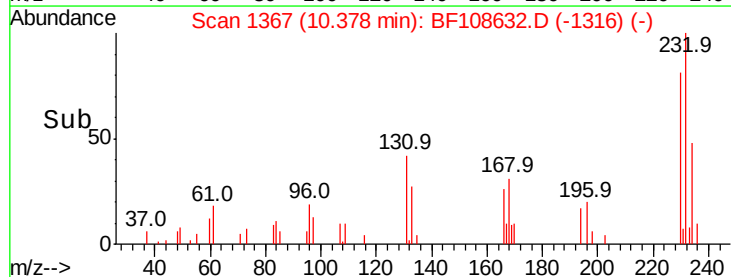
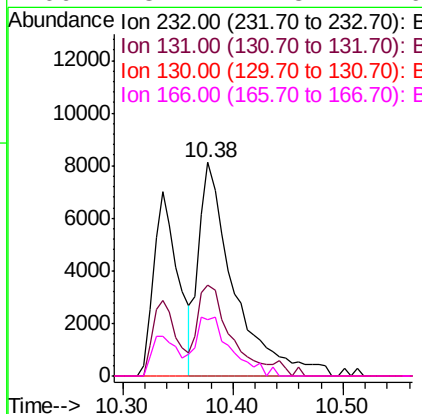
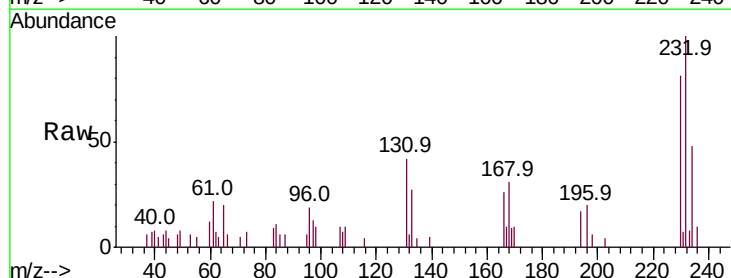
Instrument :
 BNA_F
 ClientSampleId :

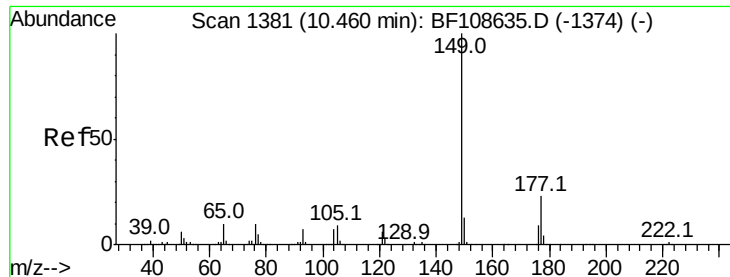
Tot Ion:166 Resp: 57015
 Ion Ratio Lower Upper
 166 100
 165 99.8 79.8 119.8
 167 12.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.352 ng
 RT: 10.38 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Tgt Ion:232 Resp: 17776
 Ion Ratio Lower Upper
 232 100
 131 42.3 43.8 65.8#
 130 0.0 2.1 3.1#
 166 28.2 27.8 41.6

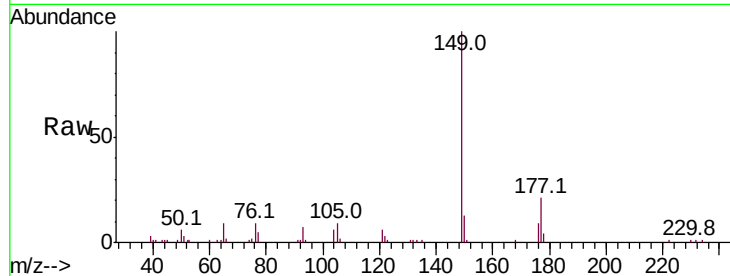




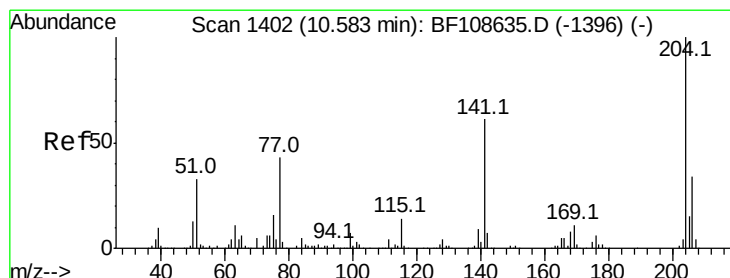
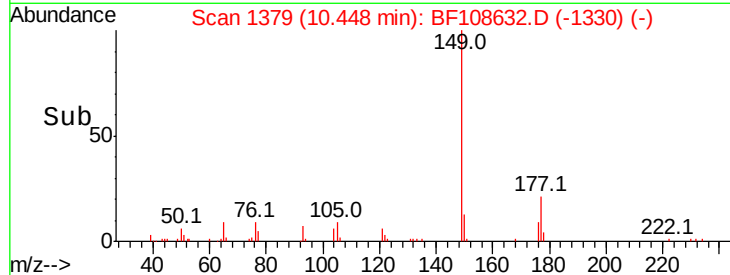
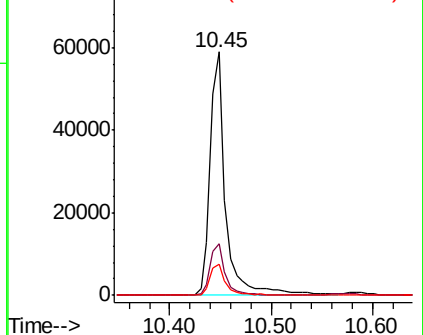
#59
Diethylphthalate
Concen: 3.076 ng
RT: 10.45 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 62759
Ion Ratio Lower Upper
149 100
177 21.2 16.1 24.1
150 12.9 10.1 15.1

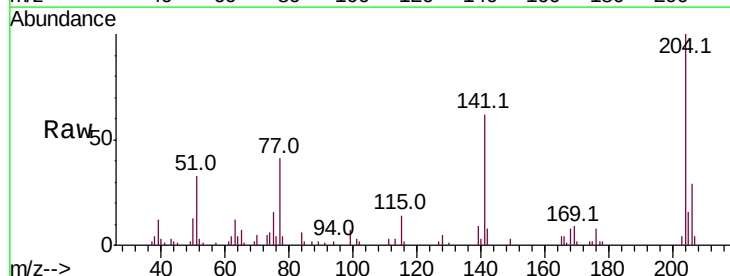


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

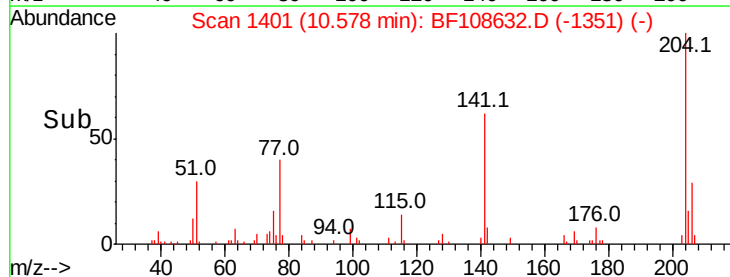
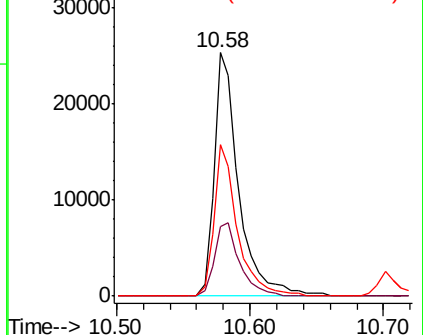


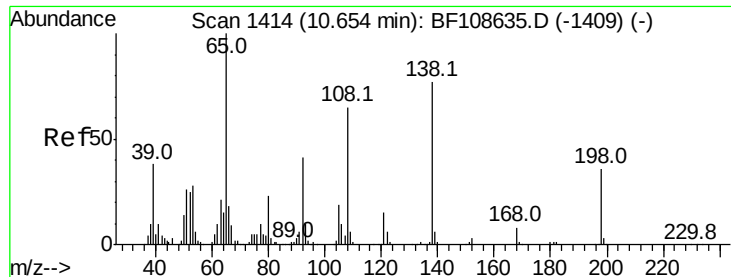
#60
4-Chlorophenyl-phenylether
Concen: 3.193 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion:204 Resp: 32565
Ion Ratio Lower Upper
204 100
206 28.8 26.5 39.7
141 62.1 54.6 81.8



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

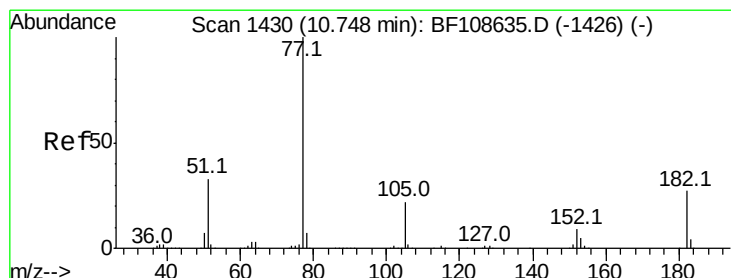
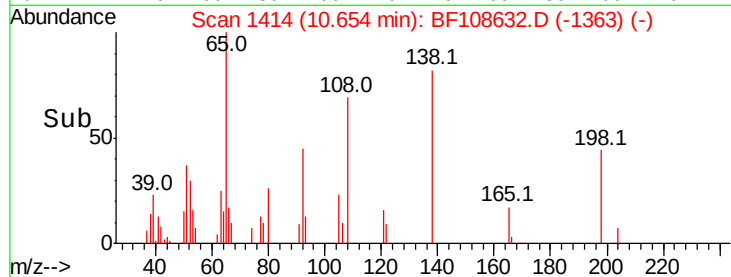
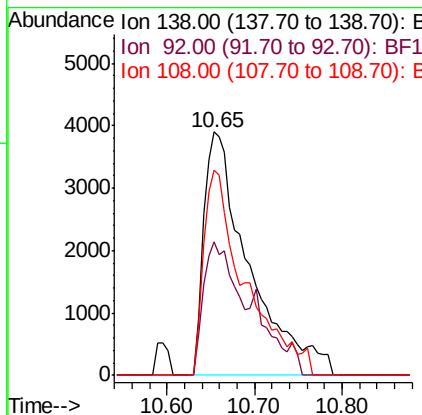
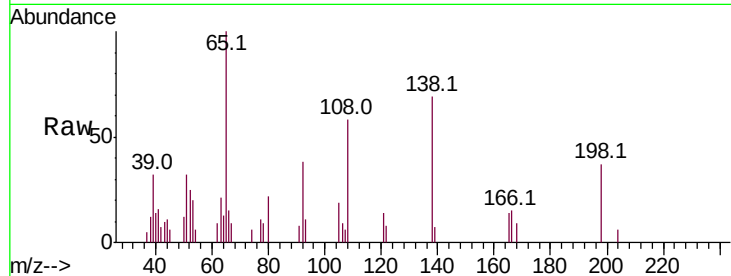




#61
4-Nitroaniline
Concen: 2.924 ng
RT: 10.65 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

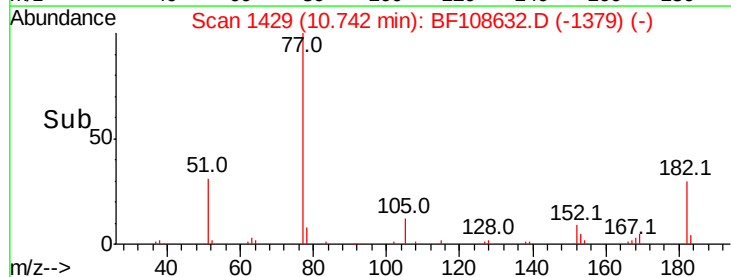
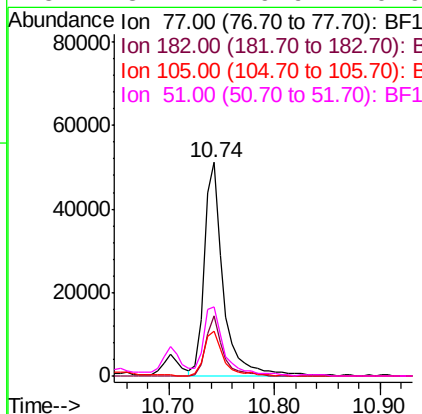
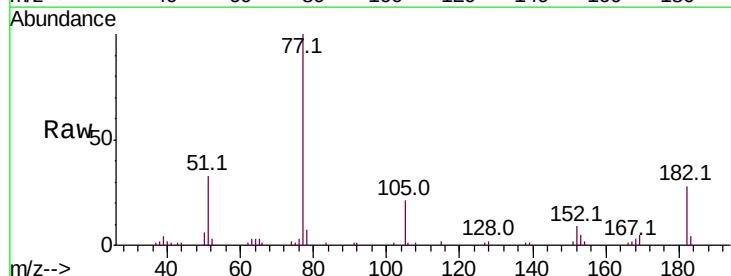
Instrument :
BNA_F
ClientSampled :

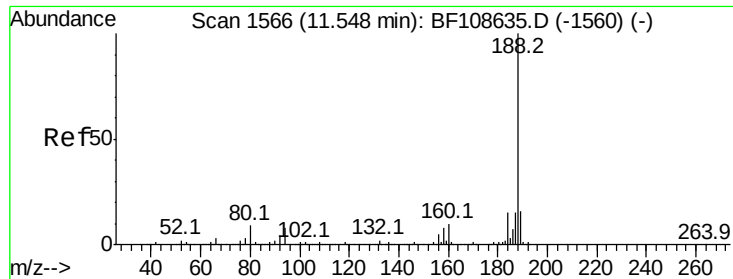
Tot Ion:138 Resp: 13944
Ion Ratio Lower Upper
138 100
92 54.9 30.2 70.2
108 84.2 52.5 92.5



#62
Azobenzene
Concen: 3.018 ng
RT: 10.74 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion: 77 Resp: 63585
Ion Ratio Lower Upper
77 100
182 28.0 1.7 41.7
105 21.3 3.0 43.0
51 32.7 9.9 49.9

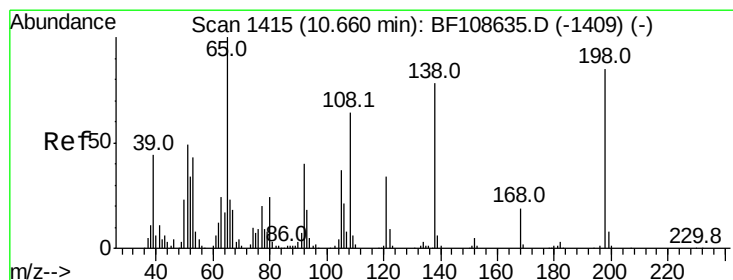
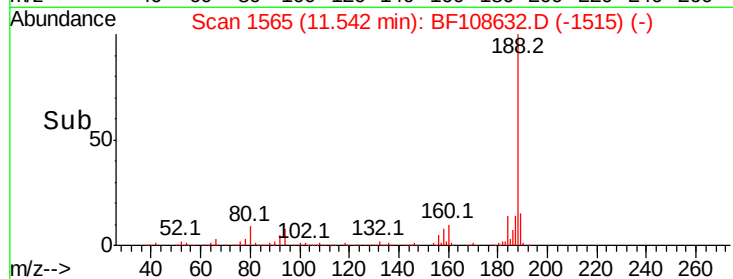
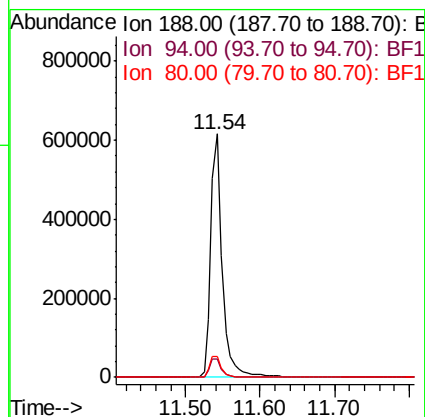
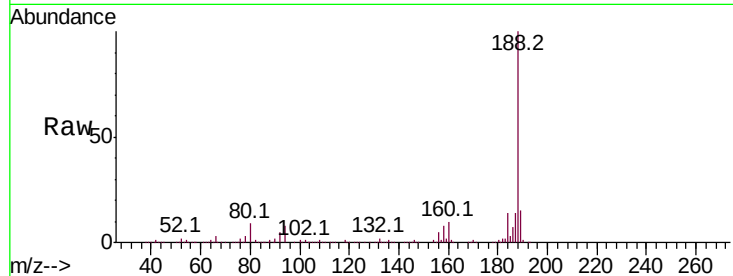




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

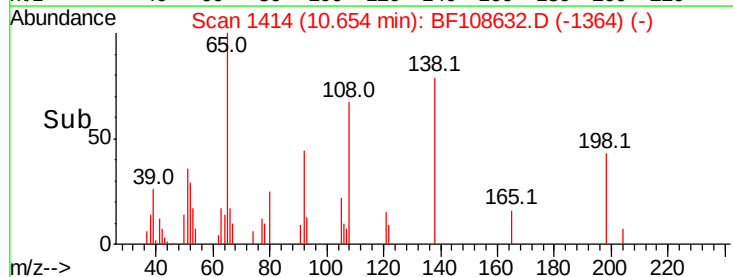
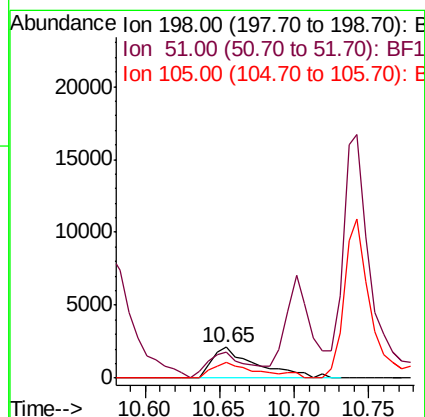
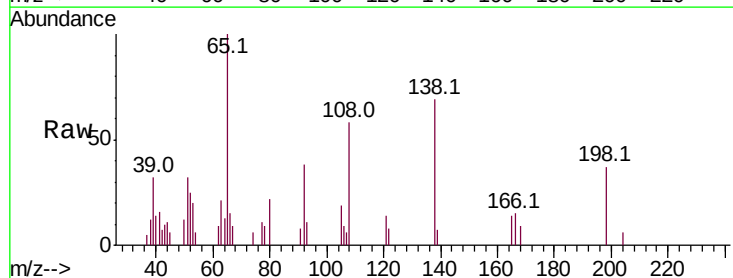
Instrument :
BNA_F
ClientSampleId :

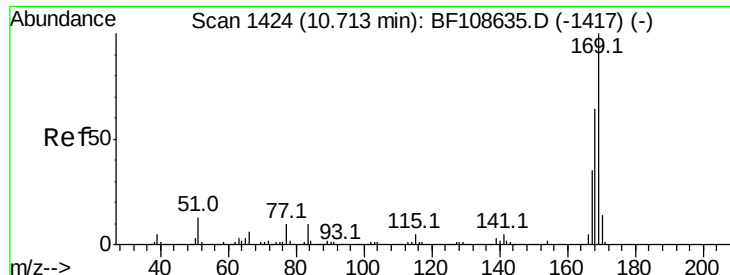
Tot Ion:188 Resp: 665122
Ion Ratio Lower Upper
188 100
94 7.7 8.5 12.7#
80 8.6 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 1.897 ng
RT: 10.65 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion:198 Resp: 4350
Ion Ratio Lower Upper
198 100
51 84.7 37.7 77.7#
105 51.5 36.3 76.3

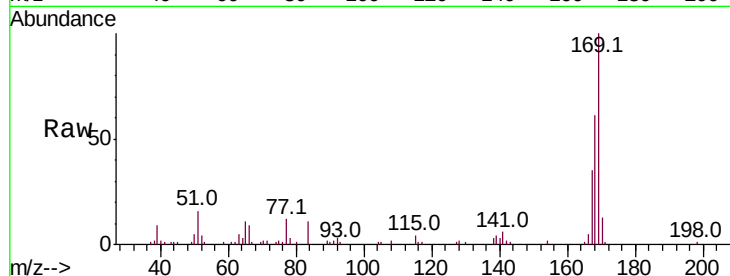




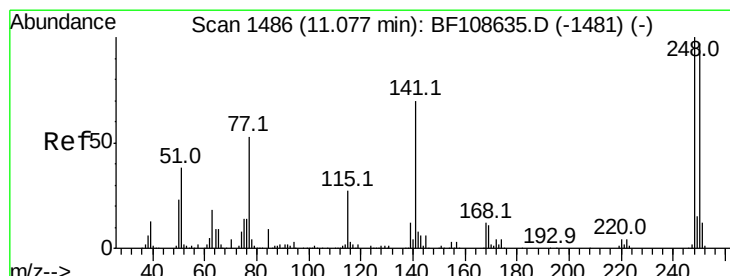
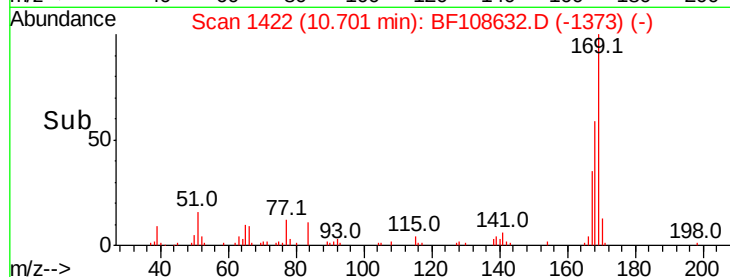
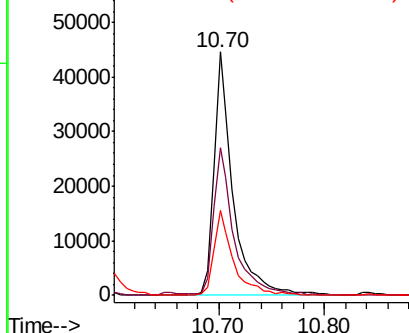
#65
n-Nitrosodiphenylamine
Concen: 2.894 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:169 Resp: 56875
Ion Ratio Lower Upper
169 100
168 60.9 54.4 81.6
167 34.8 29.8 44.6

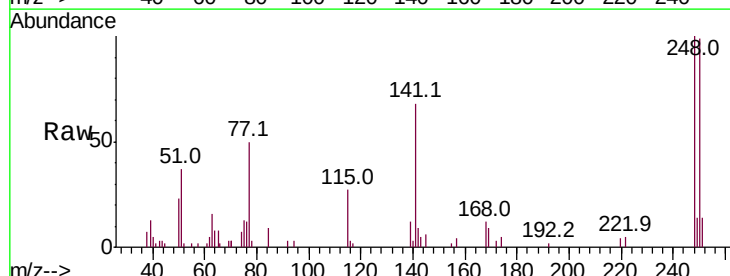


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

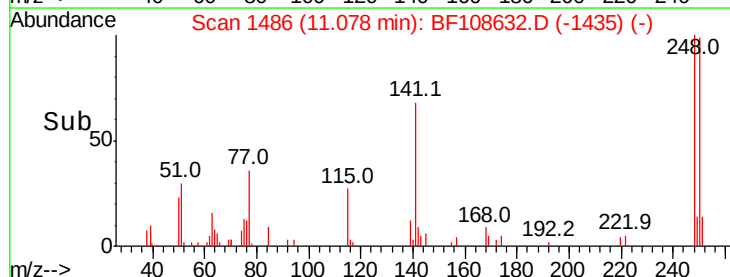
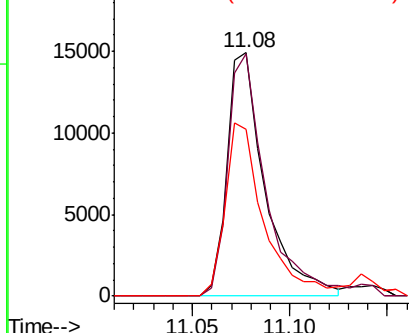


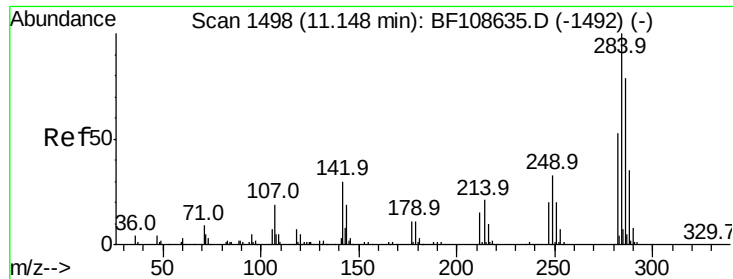
#66
4-Bromophenyl-phenylether
Concen: 2.788 ng
RT: 11.08 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion:248 Resp: 20151
Ion Ratio Lower Upper
248 100
250 99.4 76.9 115.3
141 68.3 74.4 111.6#



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

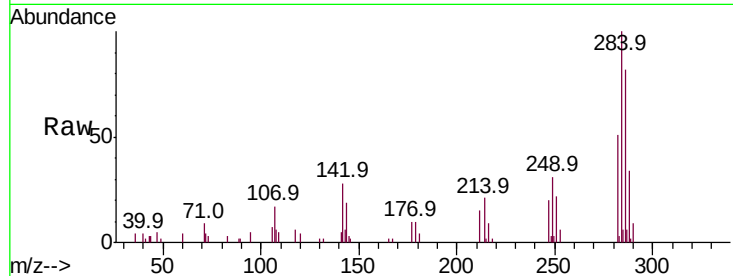




#67
Hexachlorobenzene
Concen: 2.864 ng
RT: 11.14 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	28.0	34.6	52.0#
249	30.6	24.8	37.2

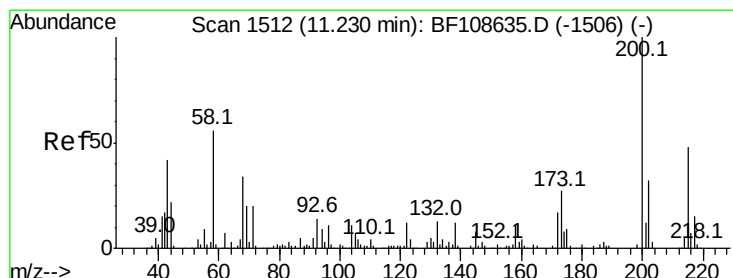
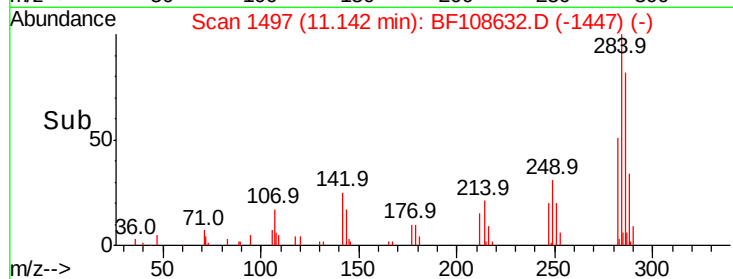
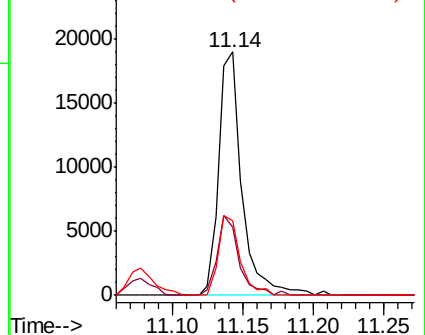


Abundance

Ion 283.80 (283.50 to 284.50): E

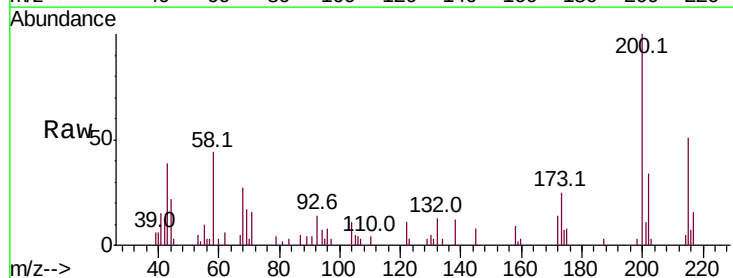
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68
Atrazine
Concen: 2.766 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.0	8.6	48.6
215	50.6	25.1	65.1

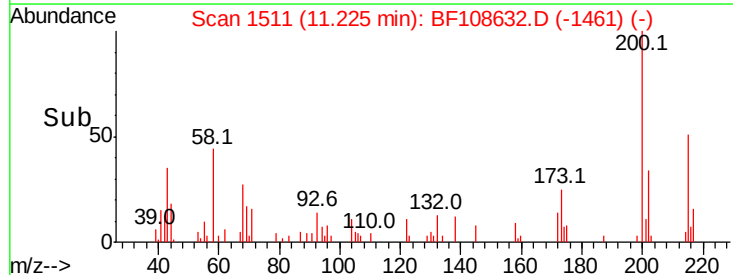
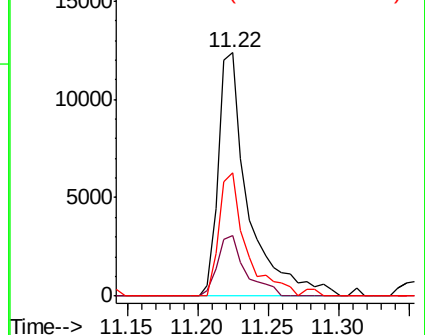


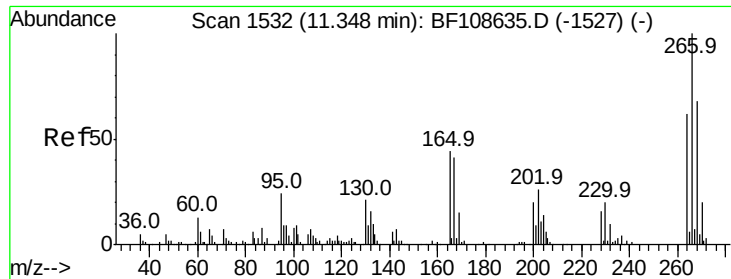
Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

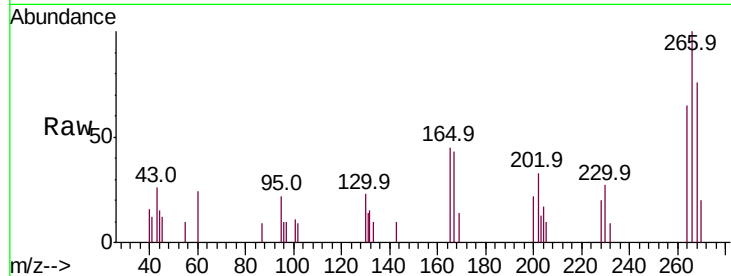




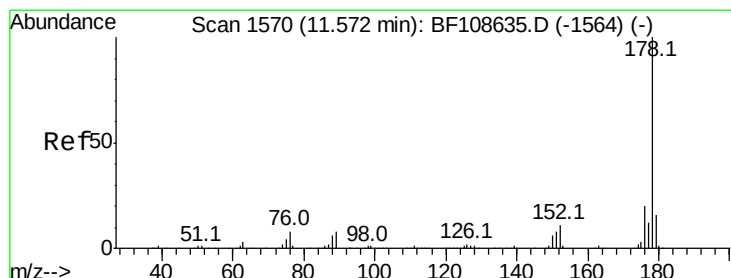
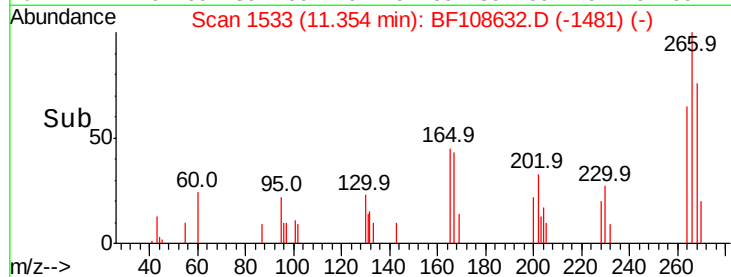
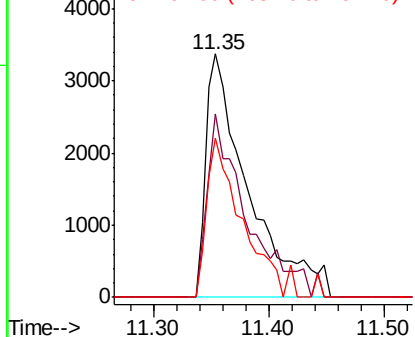
#69
 Pentachlorophenol
 Concen: 2.358 ng
 RT: 11.35 min Scan# 1533
 Delta R.T. 0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 8585
 Ion Ratio Lower Upper
 266 100
 268 75.6 51.1 76.7
 264 65.4 49.5 74.3

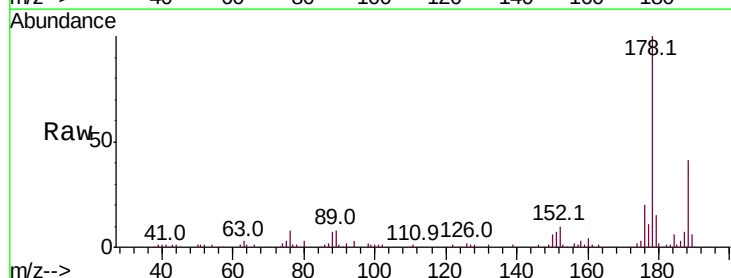


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

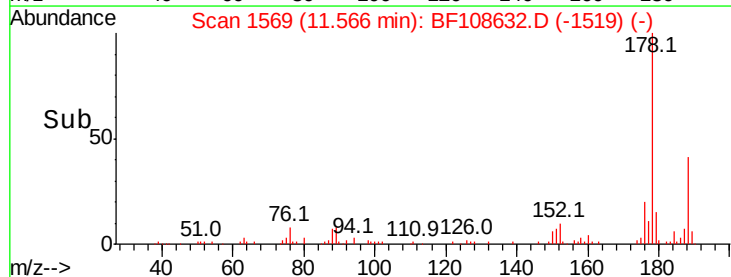
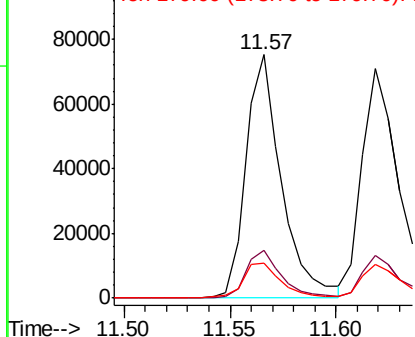


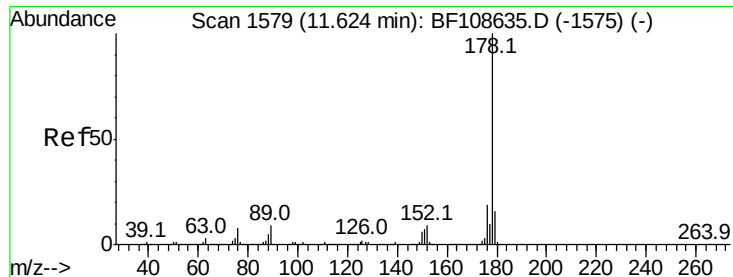
#70
 Phenanthrene
 Concen: 2.805 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Tgt Ion:178 Resp: 88004
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 14.6 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

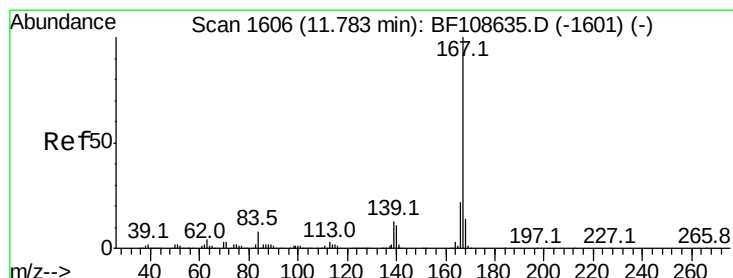
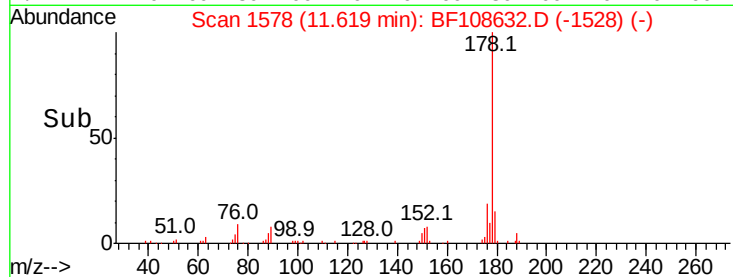
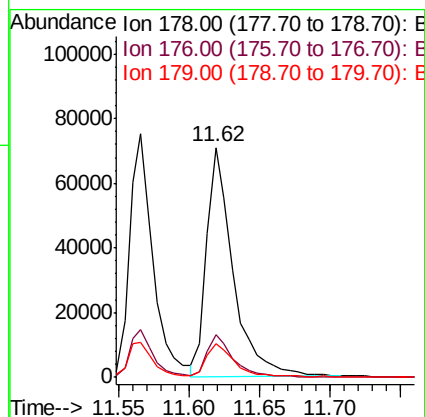
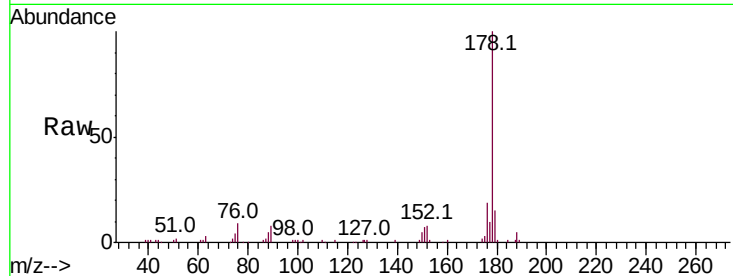




#71
 Anthracene
 Concen: 2.890 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

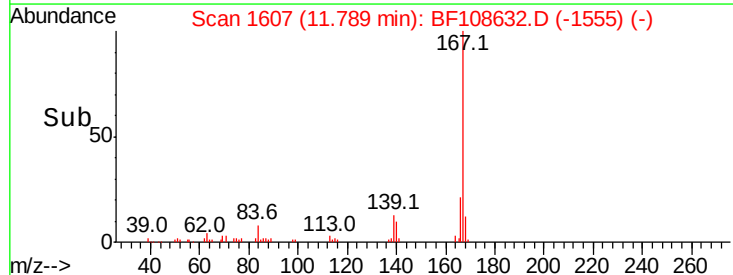
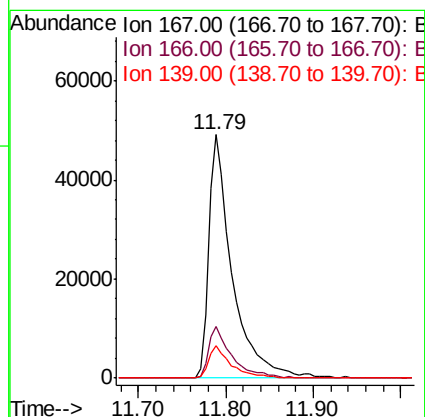
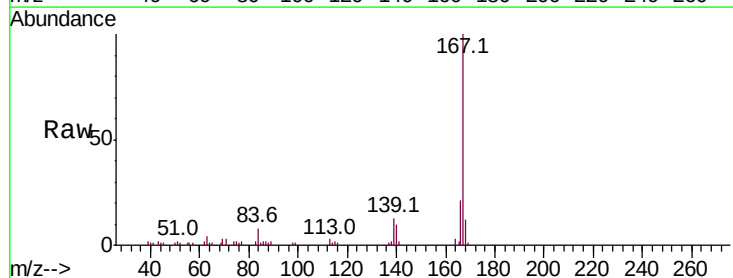
Instrument :
 BNA_F
 ClientSampleId :

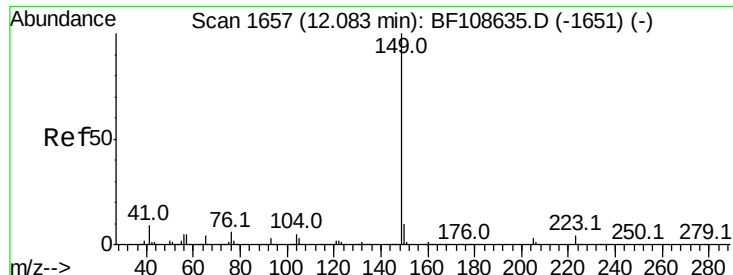
Tot Ion:178 Resp: 92935
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 14.6 12.6 19.0



#72
 Carbazole
 Concen: 3.190 ng
 RT: 11.79 min Scan# 1607
 Delta R.T. 0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Tgt Ion:167 Resp: 91121
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.6 26.4
 139 13.3 10.9 16.3

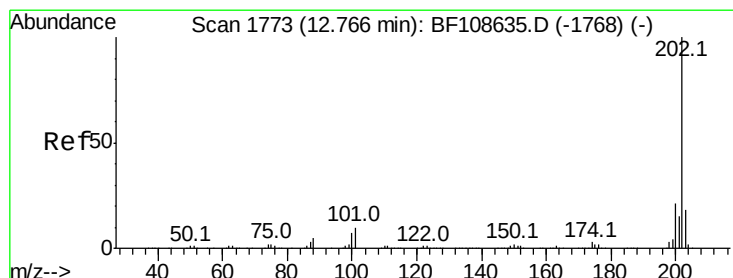
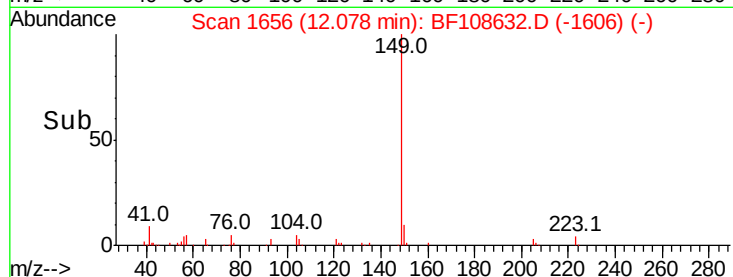
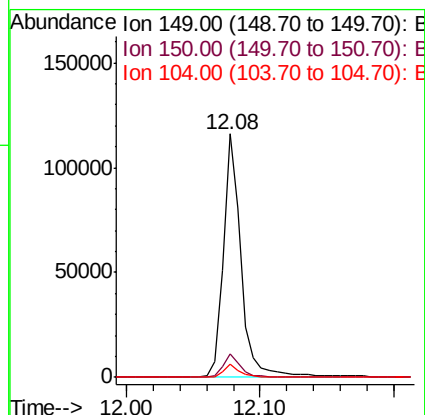
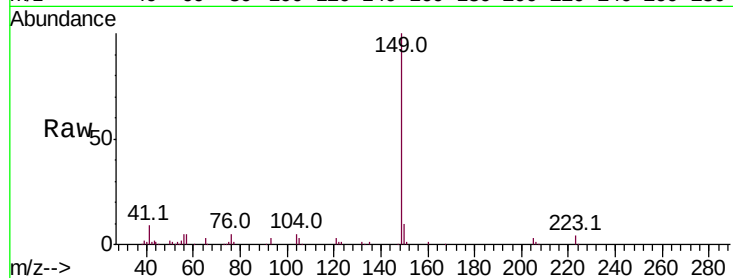




#73
Di-n-butylphthalate
Concen: 3.376 ng
RT: 12.08 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

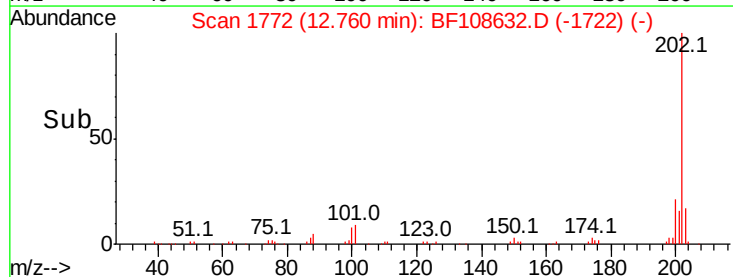
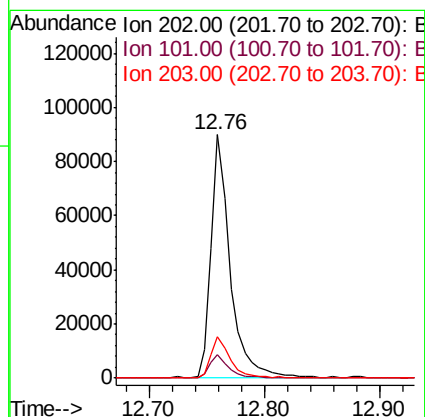
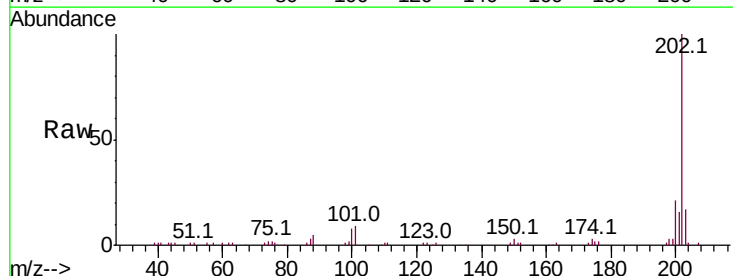
Instrument :
BNA_F
ClientSampleId :

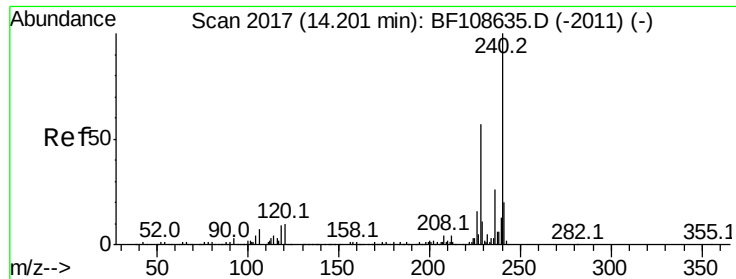
Tot Ion:149 Resp: 109233
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 5.2 3.8 5.8



#74
Fluoranthene
Concen: 3.059 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion:202 Resp: 104719
Ion Ratio Lower Upper
202 100
101 9.4 0.0 34.1
203 17.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Instrument :

BNA_F

ClientSampleId :

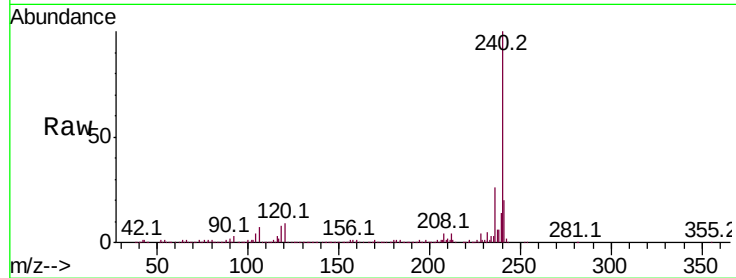
Tot Ion:240 Resp: 620746

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

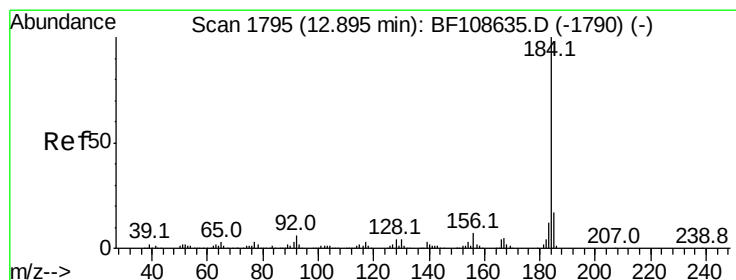
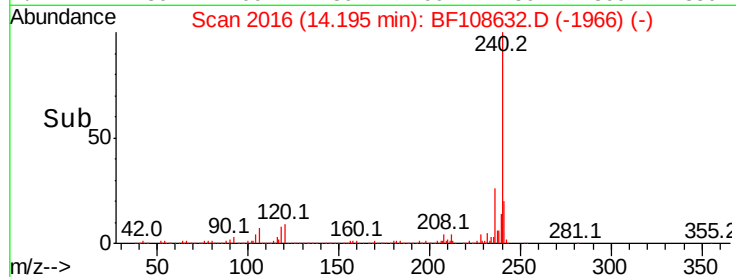
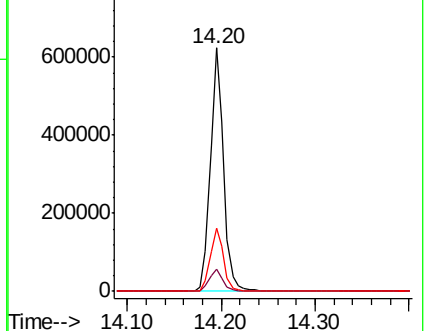
236 25.7 20.7 31.1



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



#76

Benzidine

Concen: 1.738 ng

RT: 12.90 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

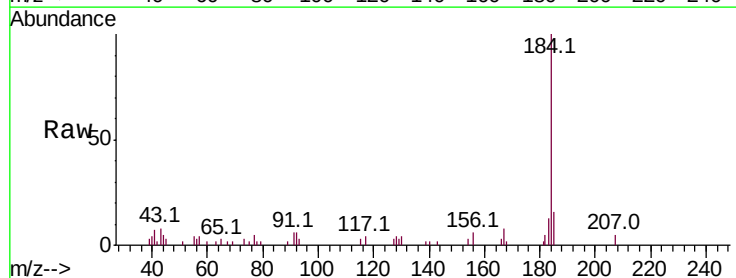
Tgt Ion:184 Resp: 40307

Ion Ratio Lower Upper

184 100

185 16.4 12.6 18.8

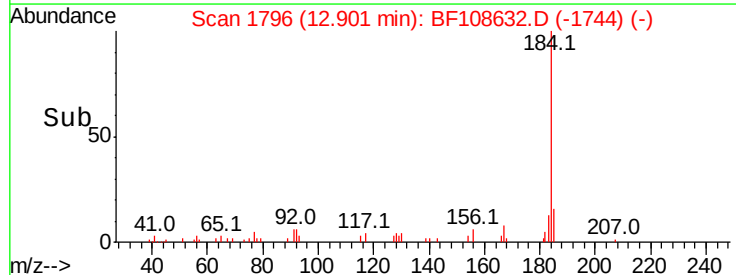
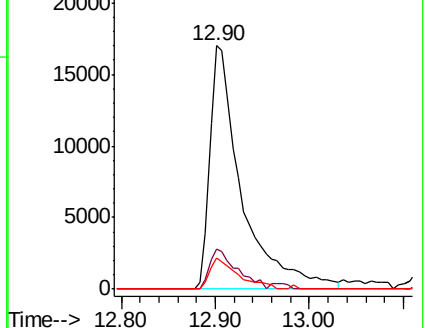
183 12.8 9.3 13.9

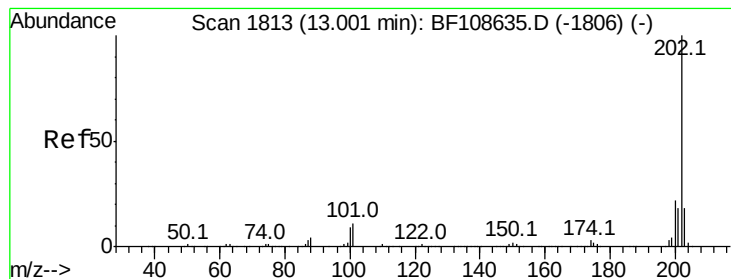


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 2.784 ng

RT: 13.00 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Instrument :

BNA_F

ClientSampleId :

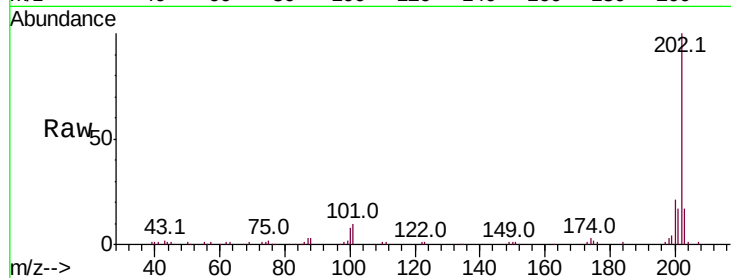
Tot Ion:202 Resp: 109414

Ion Ratio Lower Upper

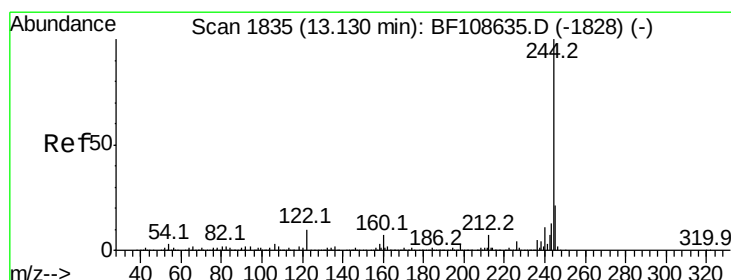
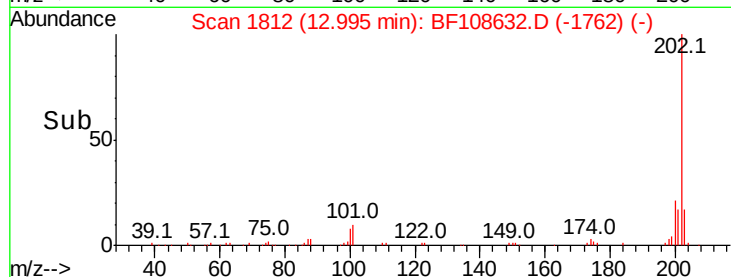
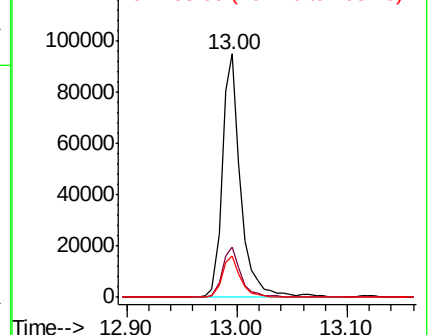
202 100

200 20.9 17.4 26.2

203 16.9 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 6.566 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

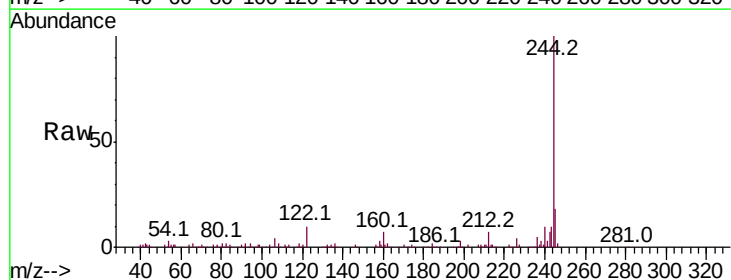
Tgt Ion:244 Resp: 160309

Ion Ratio Lower Upper

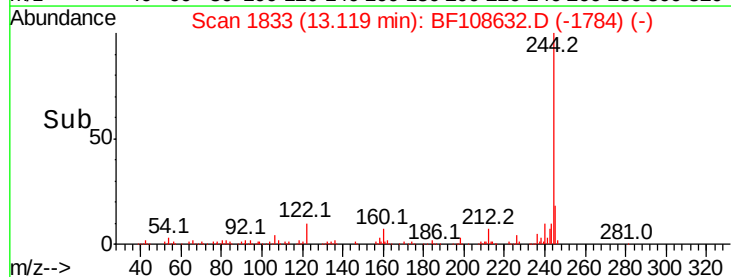
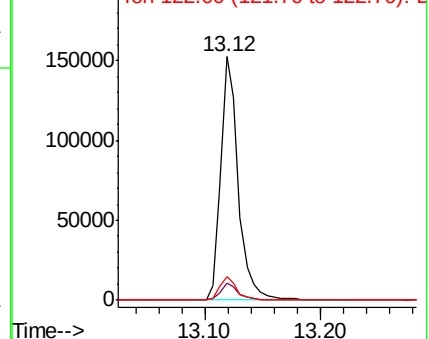
244 100

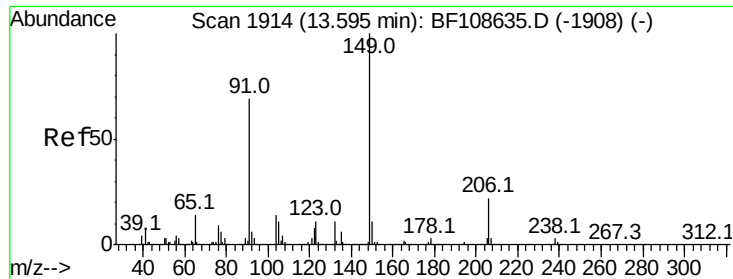
212 7.1 5.4 8.0

122 9.8 11.0 16.4#



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

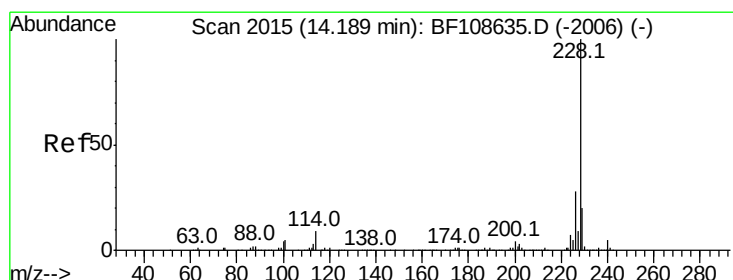
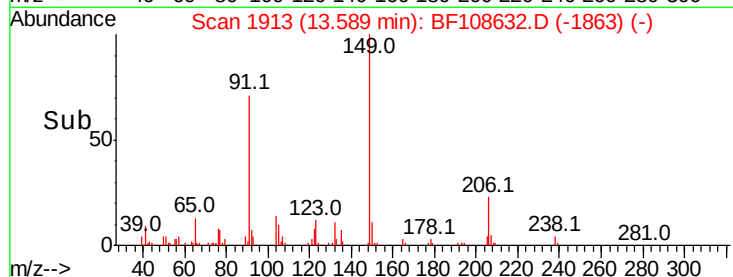
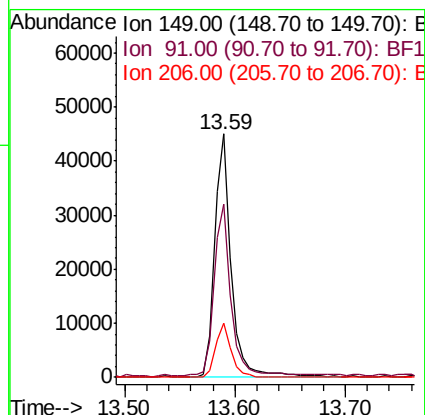
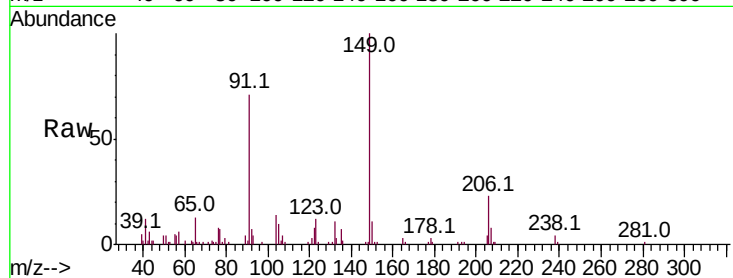




#79
Butylbenzylphthalate
Concen: 2.961 ng
RT: 13.59 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

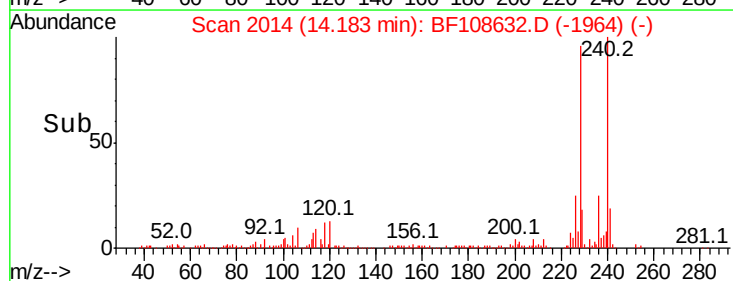
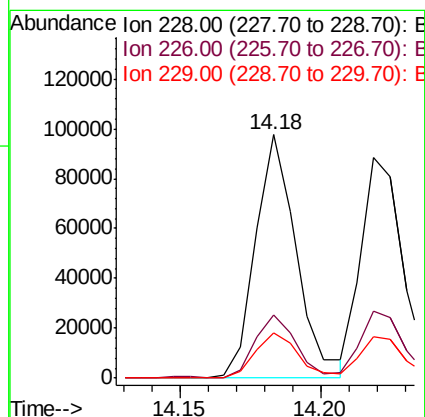
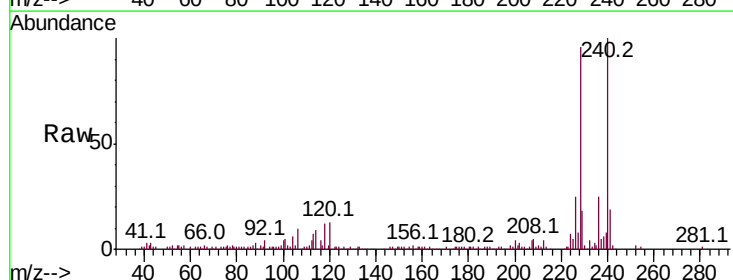
Instrument :
BNA_F
ClientSampleId :

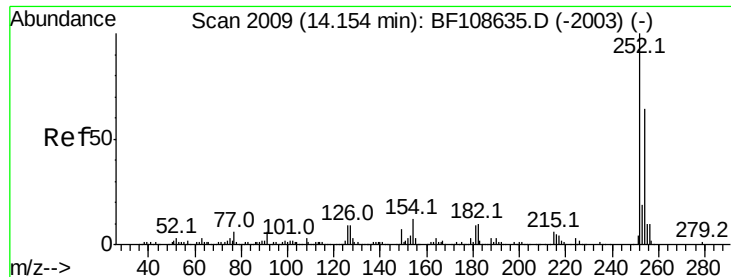
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.0	56.8	85.2
206	22.5	14.1	21.1



#80
Benzo(a)anthracene
Concen: 2.752 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.6	33.8
229	18.4	15.8	23.6

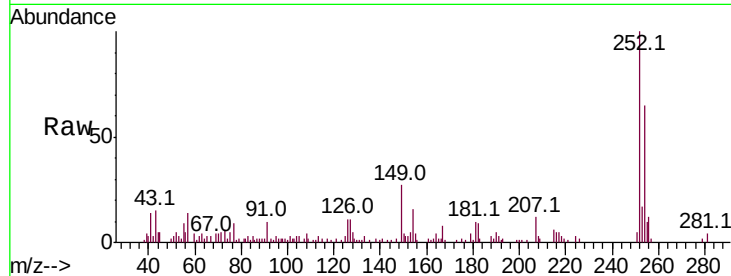




#81
 3,3'-Dichlorobenzidine
 Concen: 2.937 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.4	75.6
126	10.8	11.3	16.9

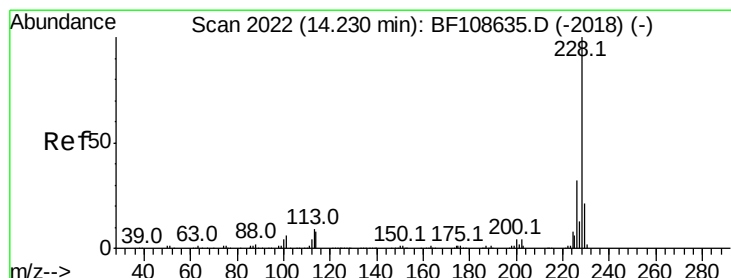
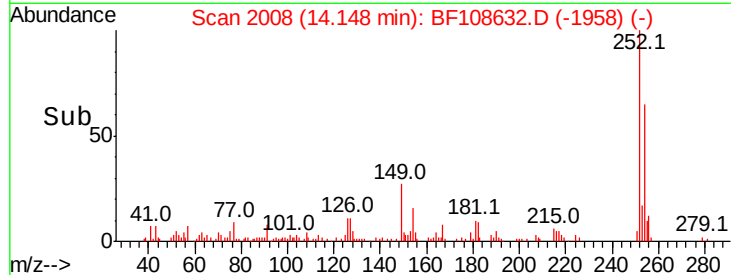
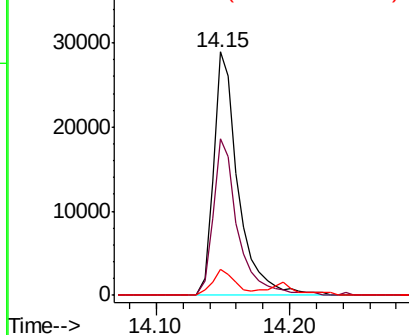


Abundance

Ion 252.00 (251.70 to 252.70): E

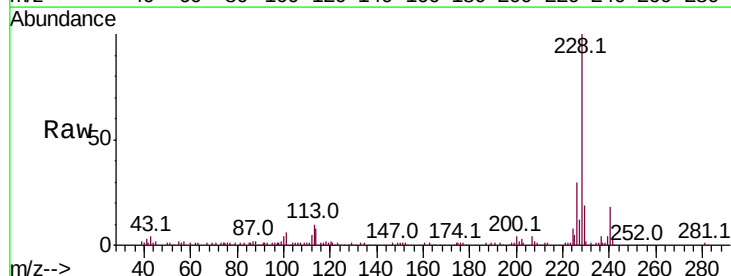
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 2.885 ng
 RT: 14.22 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	18.6	16.2	24.4

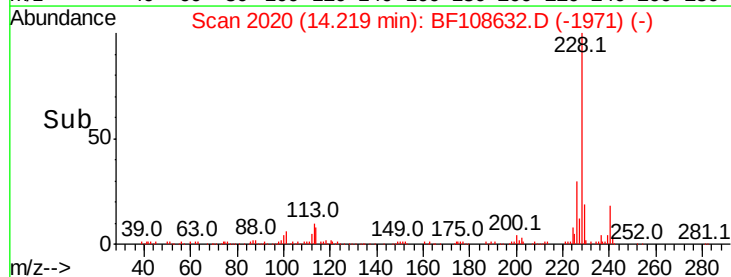
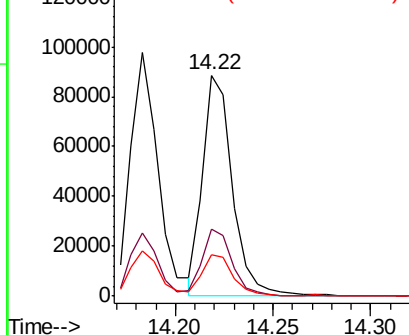


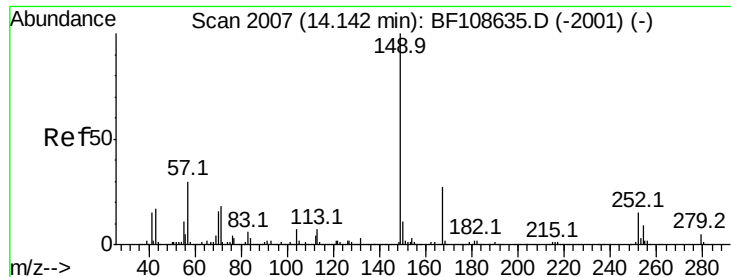
Abundance

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

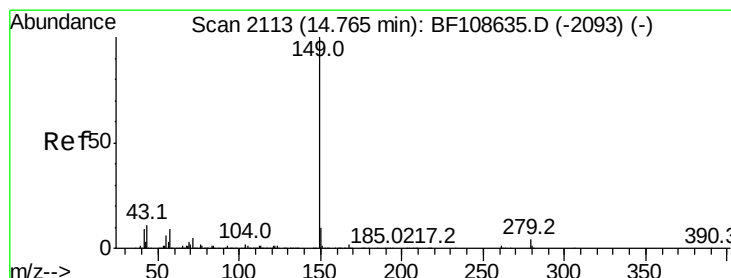
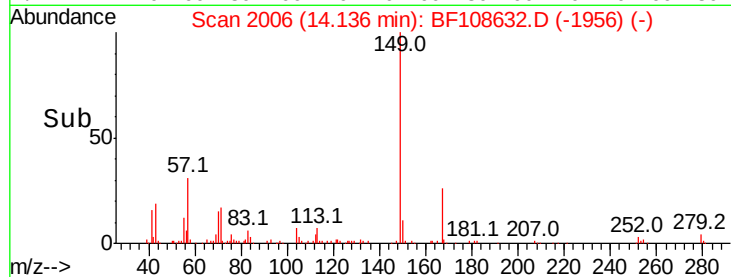
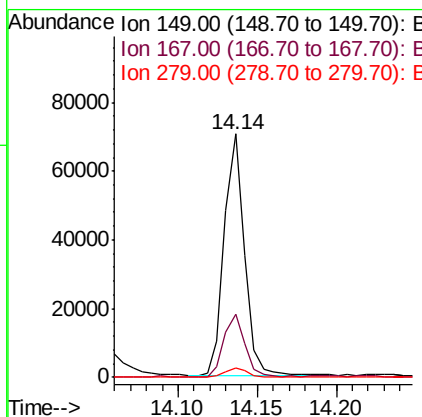
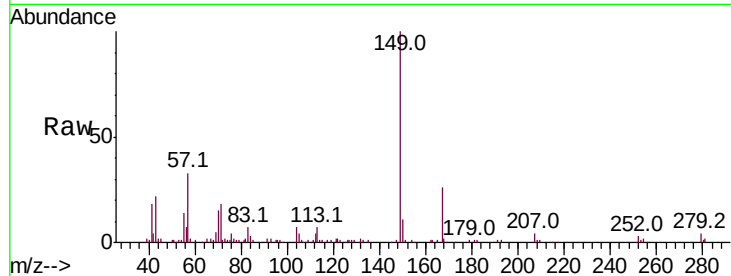




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.954 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

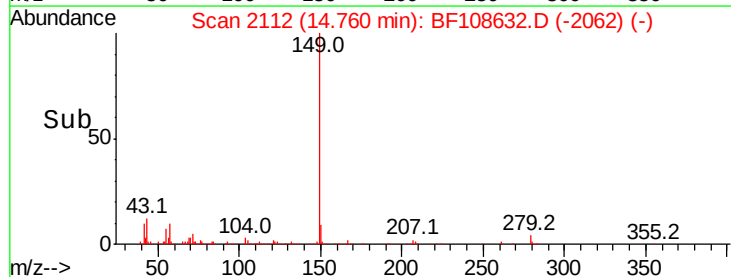
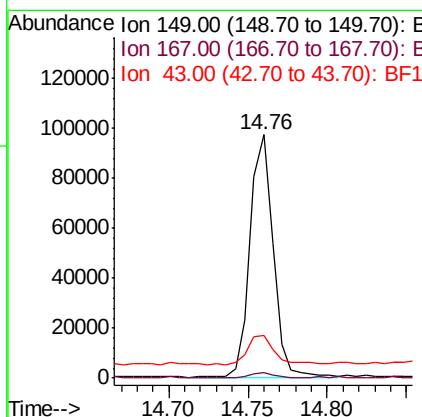
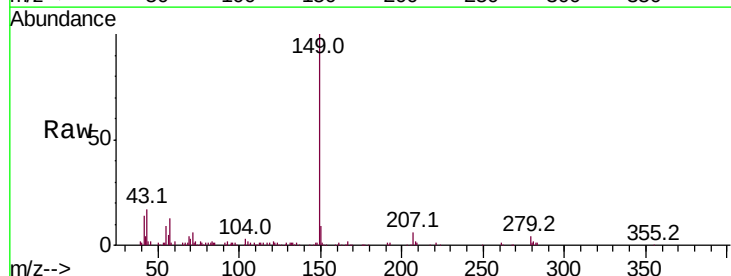
Instrument :
 BNA_F
 ClientSampleId :

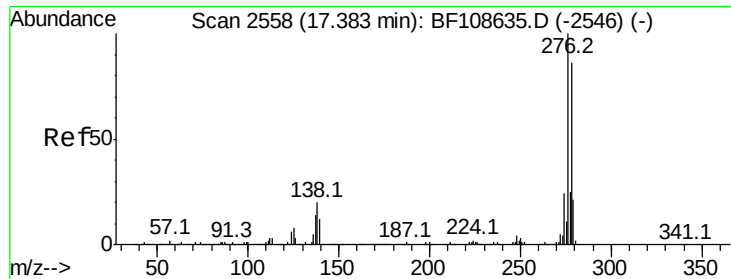
Tot Ion:149 Resp: 62428
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.3 31.9
 279 3.8 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 3.063 ng
 RT: 14.76 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Tgt Ion:149 Resp: 98709
 Ion Ratio Lower Upper
 149 100
 167 2.8 1.2 1.8#
 43 14.2 8.4 12.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.462 ng

RT: 17.37 min Scan# 2555

Delta R.T. -0.02 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Instrument :

BNA_F

ClientSampleId :

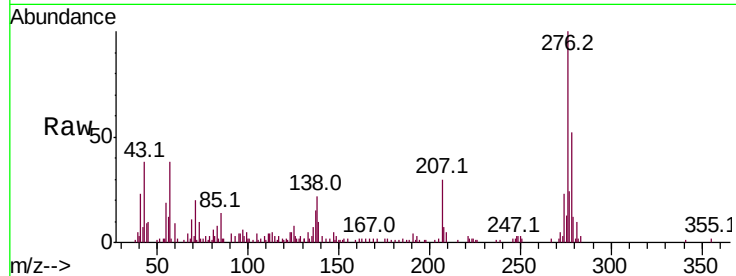
Tot Ion:276 Resp: 69683

Ion Ratio Lower Upper

276 100

138 22.1 25.0 37.6#

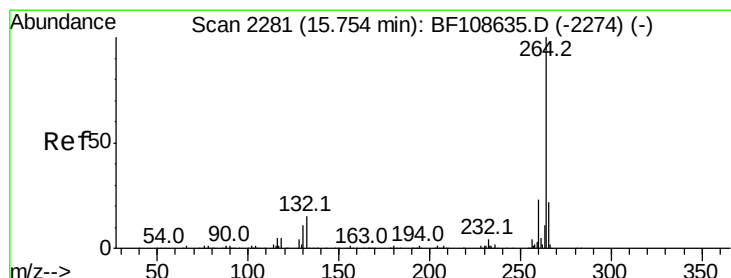
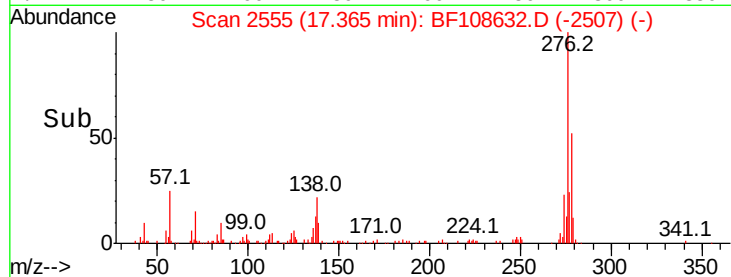
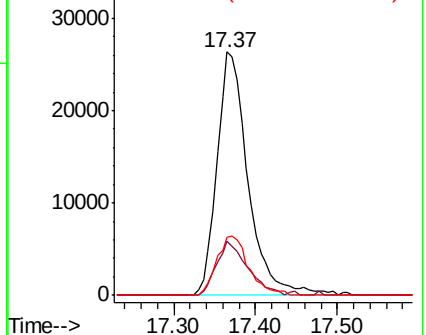
277 24.9 20.1 30.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

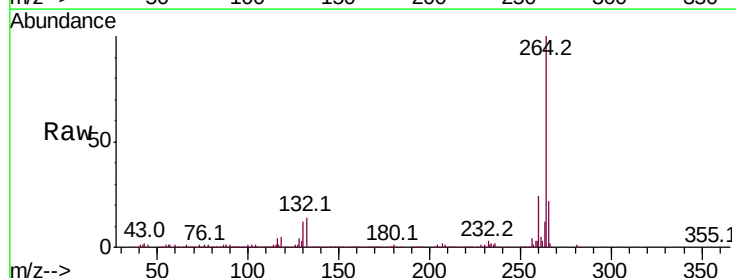
Tgt Ion:264 Resp: 550606

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

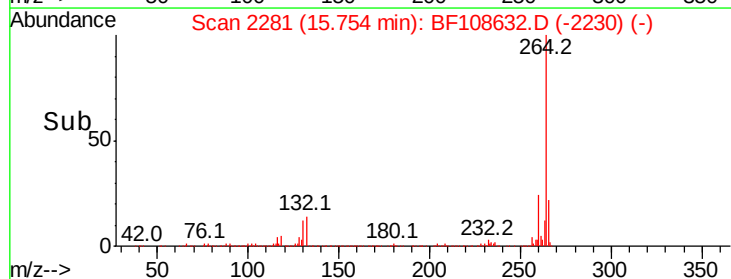
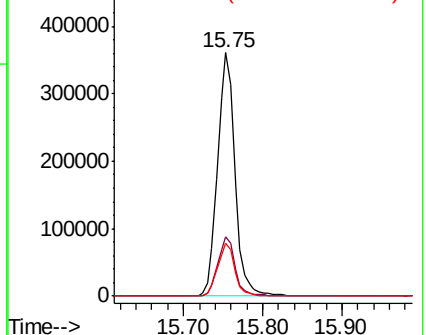
265 21.8 17.5 26.3

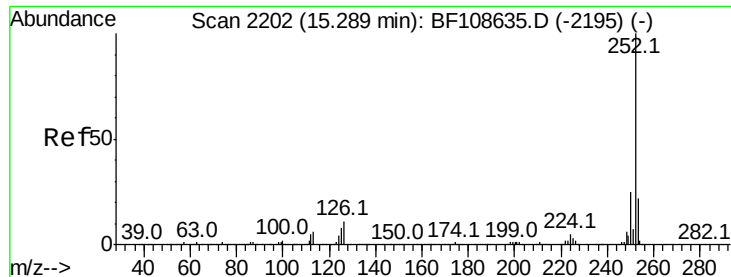


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

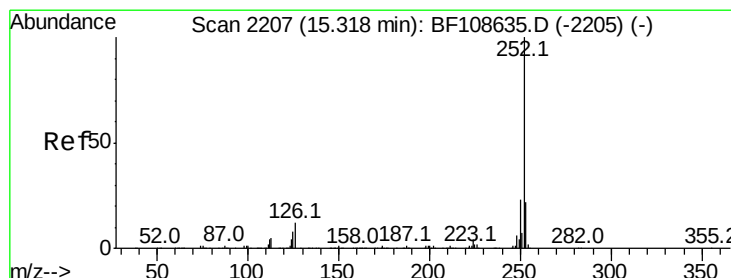
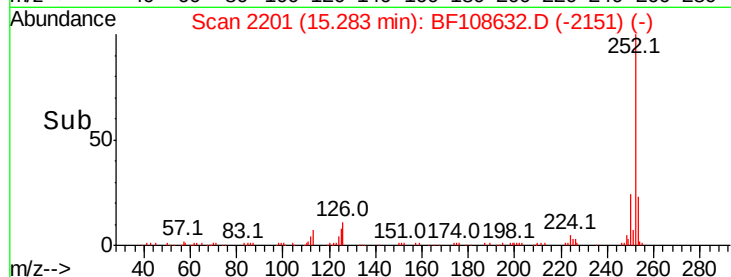
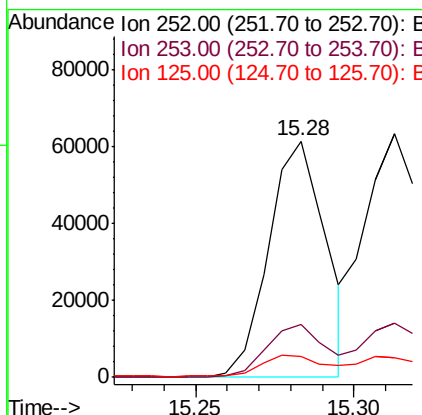
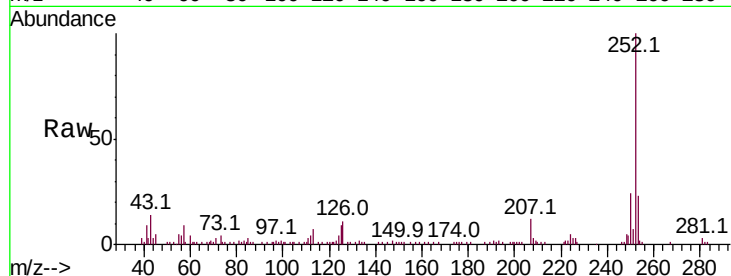




#87
Benzo(b)fluoranthene
Concen: 2.340 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

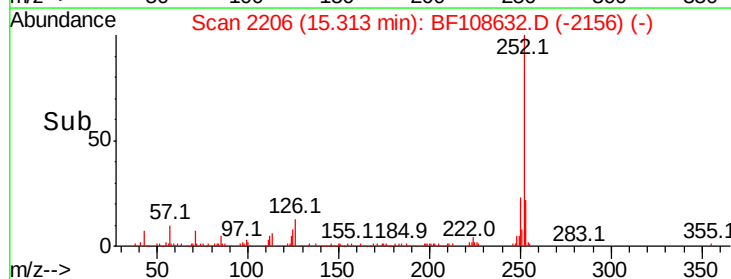
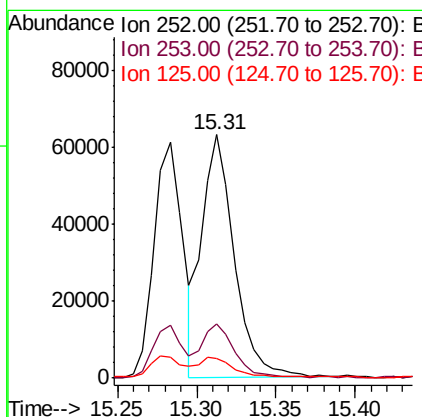
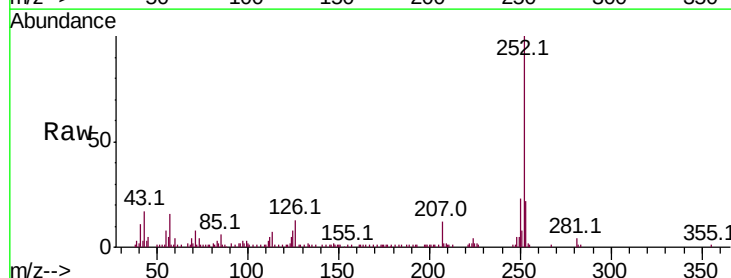
Instrument :
BNA_F
ClientSampleId :

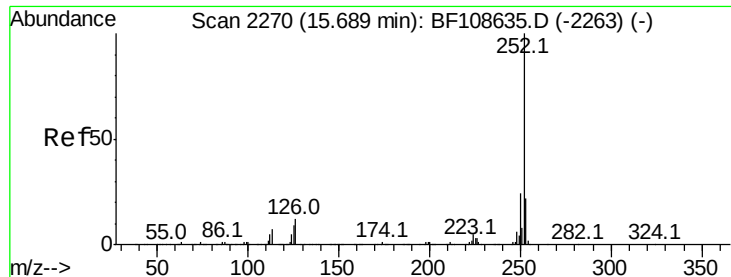
Tot Ion:252 Resp: 76997
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 9.0 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 2.968 ng
RT: 15.31 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion:252 Resp: 89754
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 8.2 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 2.583 ng

RT: 15.68 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Instrument :

BNA_F

ClientSampleId :

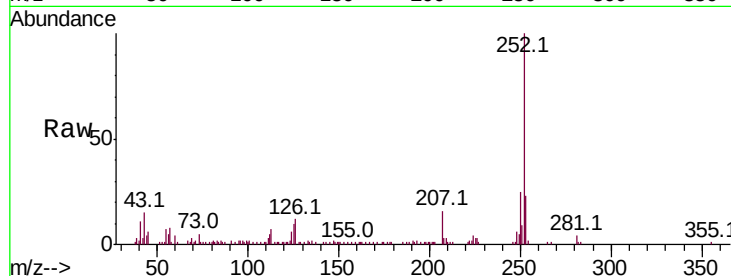
Tot Ion:252 Resp: 76088

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

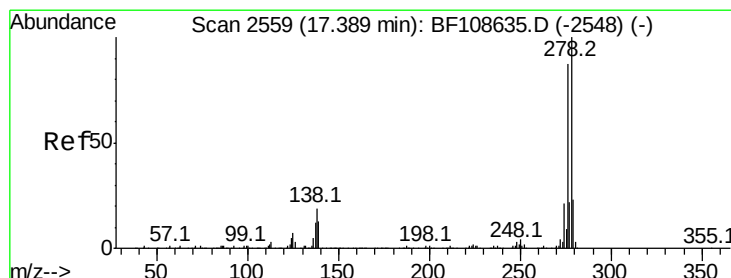
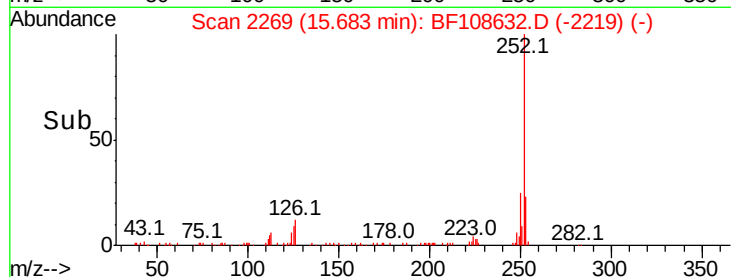
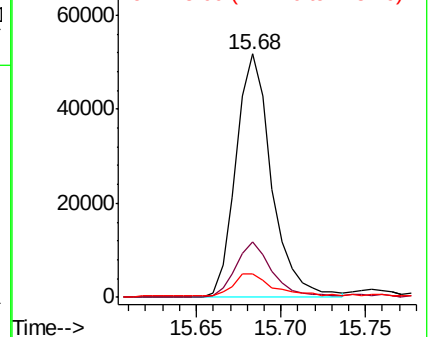
125 9.9 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 2.356 ng

RT: 17.38 min Scan# 2557

Delta R.T. -0.01 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

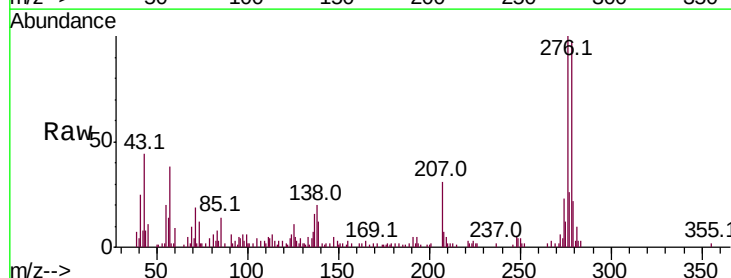
Tgt Ion:278 Resp: 57440

Ion Ratio Lower Upper

278 100

139 12.7 15.9 23.9#

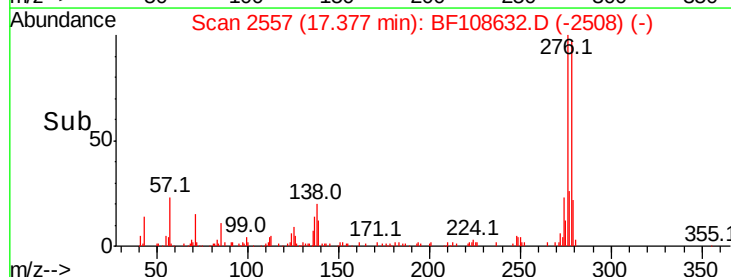
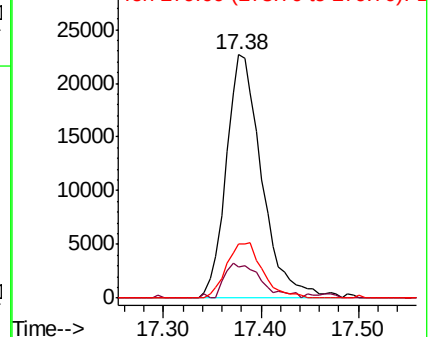
279 22.3 19.0 28.4

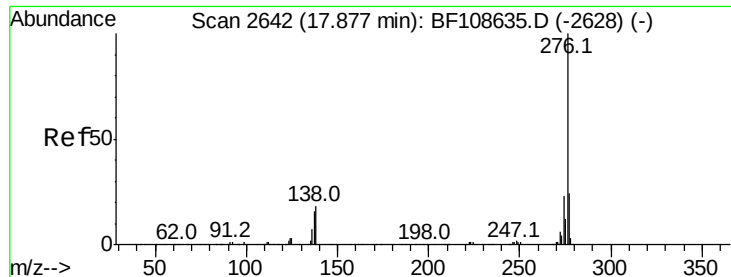


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 2.283 ng
 RT: 17.86 min Scan# 2639
 Delta R.T. -0.02 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 54809
 Ion Ratio Lower Upper
 276 100
 277 24.3 17.9 26.9
 138 18.9 21.8 32.8#

