

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
 Data File : BF108753.D
 Acq On : 4 Sep 2018 20:49
 Operator : JU/SJ
 Sample : J4748-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 05 03:13:18 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 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	69241	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	260803	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	122738	20.00	ng	-0.01
63) Phenanthrene-d10	11.53	188	258219	20.00	ng	-0.02
75) Chrysene-d12	14.19	240	196550	20.00	ng	-0.01
86) Perylene-d12	15.74	264	141139	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	320635	80.44	ng	-0.02
7) Phenol-d6	6.62	99	492917	86.35	ng	-0.02
23) Nitrobenzene-d5	7.56	82	340575	66.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.83	330	149293	92.14	ng	-0.02
44) 2-Fluorobiphenyl	9.34	172	617046	67.60	ng	-0.02
78) Terphenyl-d14	13.11	244	767622	75.88	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.87	88	56485	30.494	ng	86
3) Pyridine	3.68	79	116988	27.335	ng	87
4) n-Nitrosodimethylamine	3.65	42	51411	24.082	ng	# 72
6) Aniline	6.68	93	174776	28.373	ng	# 83
8) 2-Chlorophenol	6.78	128	189068	38.796	ng	95
9) Benzaldehyde	6.57	77	33323	9.444	ng	92
10) Phenol	6.64	94	188140	28.262	ng	83
11) bis(2-Chloroethyl)ether	6.72	93	214419	36.579	ng	98
12) 1,3-Dichlorobenzene	6.93	146	194010	34.335	ng	97
13) 1,4-Dichlorobenzene	7.01	146	227431	36.873	ng	98
14) 1,2-Dichlorobenzene	7.16	146	222884	39.346	ng	97
15) Benzyl Alcohol	7.15	79	61470	14.969	ng	86
16) 2,2'-oxybis(1-Chloropropan	7.25	45	338867	37.683	ng	76
17) 2-Methylphenol	7.24	107	130770	34.513	ng	# 76
18) Hexachloroethane	7.50	117	64143	30.239	ng	94
19) n-Nitroso-di-n-propylamine	7.39	70	136368	35.671	ng	91
20) 3+4-Methylphenols	7.40	107	145710	30.693	ng	# 21
22) Acetophenone	7.40	105	269766	41.434	ng	# 88
24) Nitrobenzene	7.58	77	183045	35.134	ng	93
25) Isophorone	7.80	82	378585	44.355	ng	95
26) 2-Nitrophenol	7.90	139	69286	29.378	ng	87
27) 2,4-Dimethylphenol	7.92	122	161852	47.186	ng	97
28) bis(2-Chloroethoxy)methane	8.01	93	214559	39.793	ng	98
29) 2,4-Dichlorophenol	8.14	162	148730	36.549	ng	98
30) 1,2,4-Trichlorobenzene	8.21	180	171878	37.771	ng	95
31) Naphthalene	8.30	128	555566	44.723	ng	99
32) Benzoic acid	7.92	122	161852	73.580	ng	# 18
33) 4-Chloroaniline	8.36	127	181888	33.169	ng	97
34) Hexachlorobutadiene	8.40	225	114779	38.415	ng	97
35) Caprolactam	8.71	113	35996	33.197	ng	# 82
36) 4-Chloro-3-methylphenol	8.83	107	152745	34.973	ng	99
37) 2-Methylnaphthalene	8.99	142	340938	40.565	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	180738	41.478	ng	# 97
40) Hexachlorocyclopentadiene	9.13	237	9646	11.814	ng	95

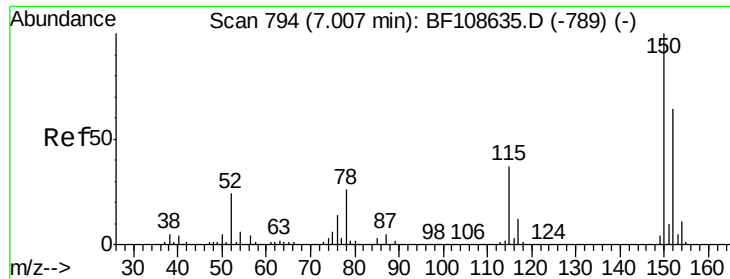
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
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 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	92273	35.760	nq	98
43) 2,4,5-Trichlorophenol	9.32	196	111675	37.113	nq	94
45) 1,1'-Biphenyl	9.45	154	437539	40.948	nq	99
46) 2-Chloronaphthalene	9.48	162	335065	40.055	nq	97
47) 2-Nitroaniline	9.59	65	114935	41.081	nq	86
48) Acenaphthylene	9.90	152	522499	42.664	nq	100
49) Dimethylphthalate	9.74	163	544964	56.385	nq	# 99
50) 2,6-Dinitrotoluene	9.82	165	75314	35.352	nq	# 91
51) Acenaphthene	10.07	154	302650	41.332	nq	100
52) 3-Nitroaniline	10.01	138	99914	43.353	nq	91
54) Dibenzofuran	10.24	168	453620	39.590	nq	95
55) 4-Nitrophenol	10.19	139	57059	41.258	nq	84
56) 2,4-Dinitrotoluene	10.23	165	91715	32.513	nq	# 89
57) Fluorene	10.58	166	373063	42.014	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.36	232	113808	42.219	nq	# 78
59) Diethylphthalate	10.44	149	389365	39.986	nq	97
60) 4-Chlorophenyl-phenylether	10.57	204	191557	38.017	nq	93
61) 4-Nitroaniline	10.64	138	89400	40.087	nq	86
62) Azobenzene	10.73	77	374693	38.713	nq	93
65) n-Nitrosodiphenylamine	10.70	169	338922	39.506	nq	97
66) 4-Bromophenyl-phenylether	11.07	248	126646	39.906	nq	# 86
67) Hexachlorobenzene	11.13	284	129411	37.850	nq	# 89
68) Atrazine	11.21	200	107513	45.497	nq	97
69) Pentachlorophenol	11.34	266	97313	53.563	nq	99
70) Phenanthrene	11.55	178	523509	40.166	nq	99
71) Anthracene	11.61	178	640260	46.752	nq	99
72) Carbazole	11.77	167	541515	40.894	nq	100
73) Di-n-butylphthalate	12.07	149	624925	41.018	nq	99
74) Fluoranthene	12.75	202	661577	45.095	nq	94
76) Benzidine	12.88	184	487435	88.102	nq	98
77) Pyrene	12.98	202	639716	43.297	nq	100
79) Butylbenzylphthalate	13.58	149	276037	44.430	nq	96
80) Benzo(a)anthracene	14.18	228	472648	39.446	nq	99
81) 3,3'-Dichlorobenzidine	14.14	252	191931	44.169	nq	# 96
82) Chrysene	14.21	228	490344	42.554	nq	98
83) Bis(2-ethylhexyl)phthalate	14.12	149	375708	47.047	nq	99
84) Di-n-octyl phthalate	14.75	149	552612	47.066	nq	97
85) Indeno(1,2,3-cd)pyrene	17.36	276	345116	43.074	nq	# 88
87) Benzo(b)fluoranthene	15.27	252	348367	40.181	nq	# 96
88) Benzo(k)fluoranthene	15.30	252	372973	43.426	nq	# 95
89) Benzo(a)pyrene	15.68	252	329365	42.037	nq	# 96
90) Dibenzo(a,h)anthracene	17.37	278	291221	46.538	nq	# 92
91) Benzo(g,h,i)perylene	17.85	276	277876	45.688	nq	# 88

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

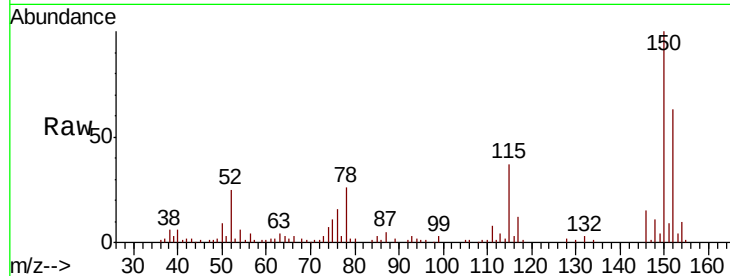


#1

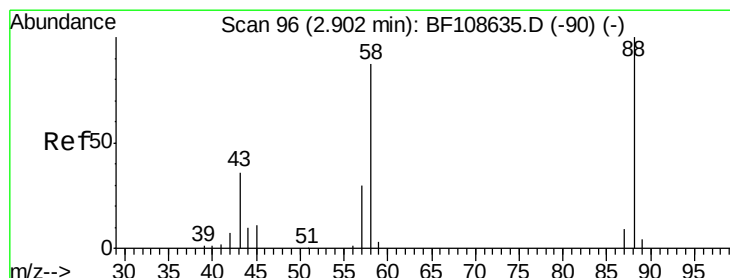
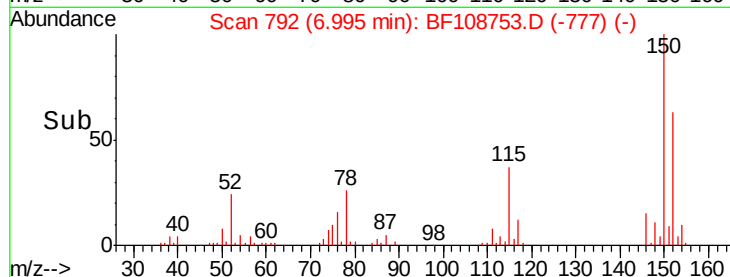
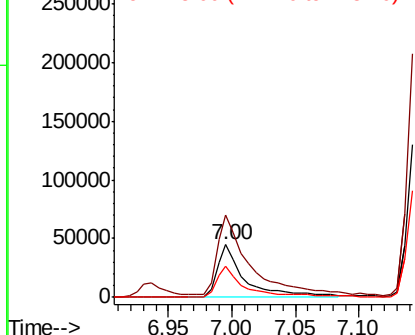
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 69241
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 58.3 50.1 75.1



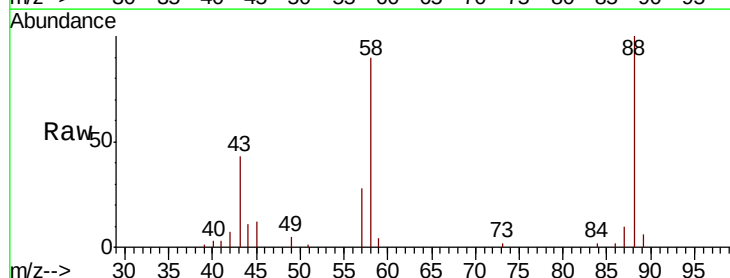
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



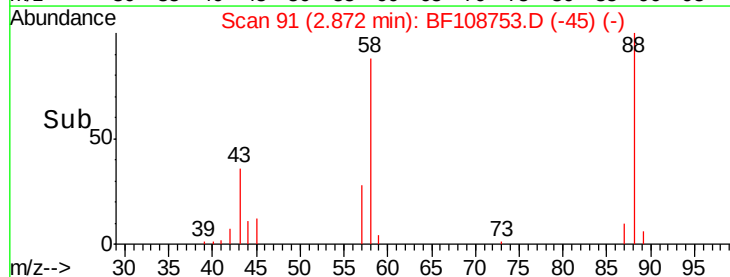
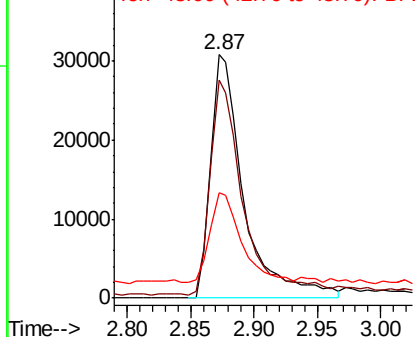
#2

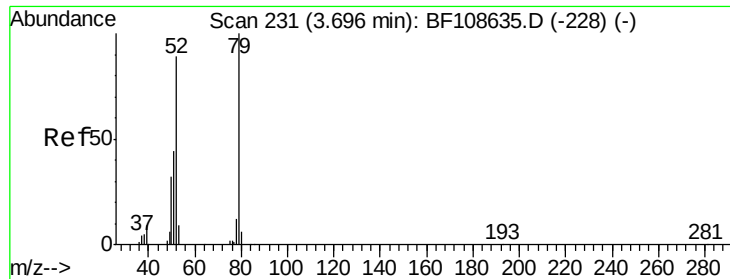
1,4-Dioxane
Concen: 30.494 ng
RT: 2.87 min Scan# 91
Delta R.T. -0.03 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion: 88 Resp: 56485
Ion Ratio Lower Upper
88 100
58 93.0 62.6 93.8
43 34.9 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: 27.335 ng

RT: 3.68 min Scan# 229

Delta R.T. -0.01 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Instrument :

BNA_F

ClientSampleId :

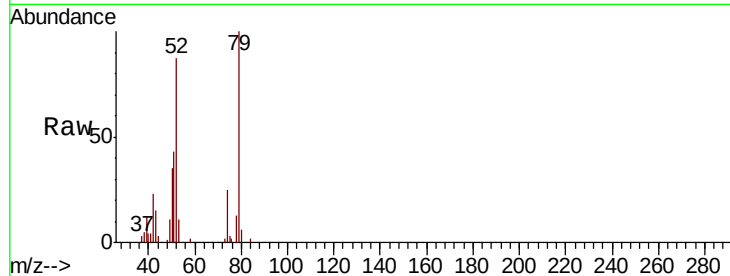
Tot Ion: 79 Resp: 116988

Ion Ratio Lower Upper

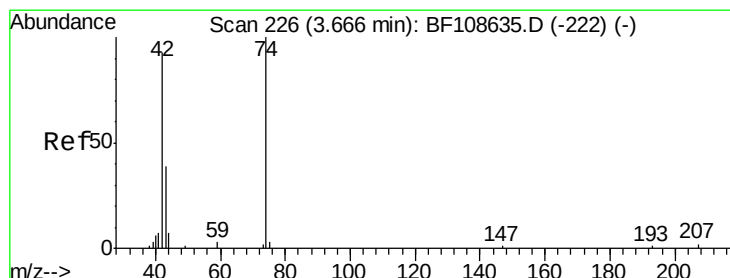
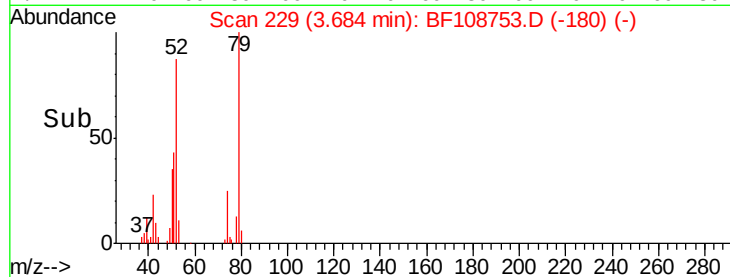
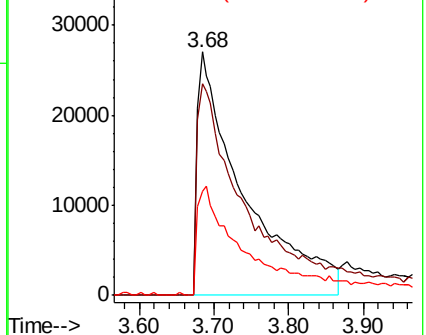
79 100

52 87.1 59.8 89.6

51 42.7 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 24.082 ng

RT: 3.65 min Scan# 224

Delta R.T. -0.01 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

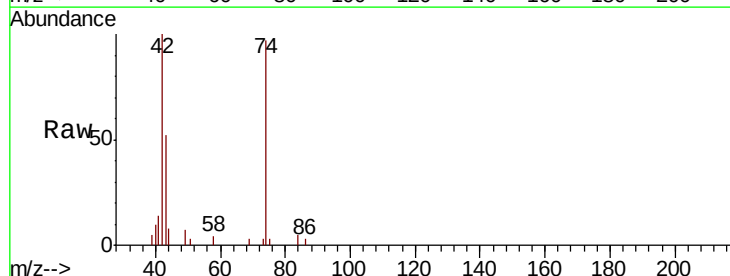
Tgt Ion: 42 Resp: 51411

Ion Ratio Lower Upper

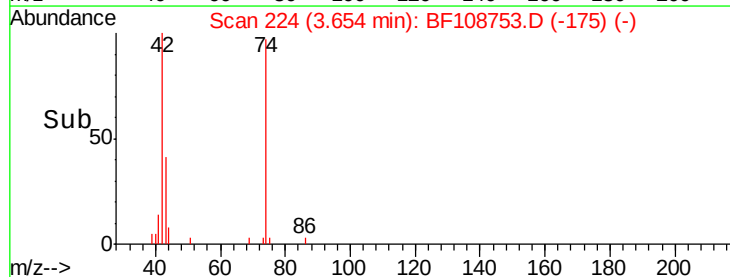
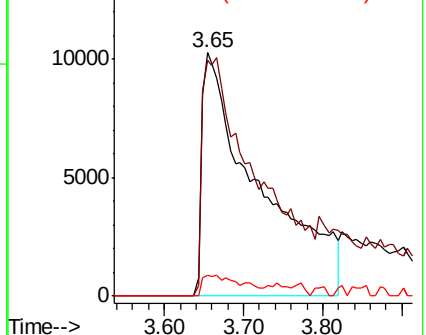
42 100

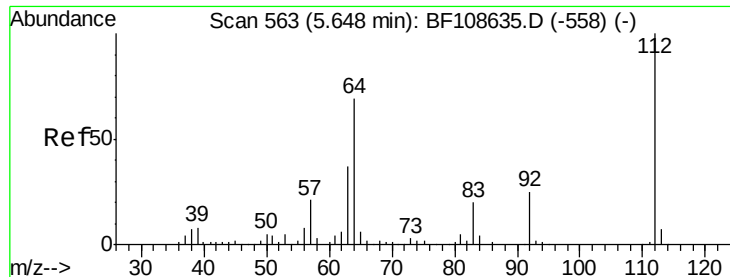
74 96.8 104.9 157.3#

44 8.5 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 80.445 ng

RT: 5.62 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF108753.D

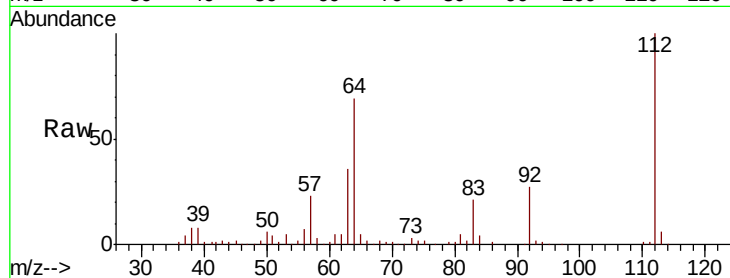
Acq: 4 Sep 2018 20:49

Instrument :

BNA_F

ClientSampleId :

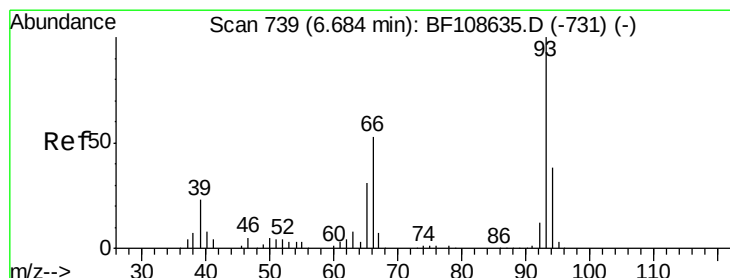
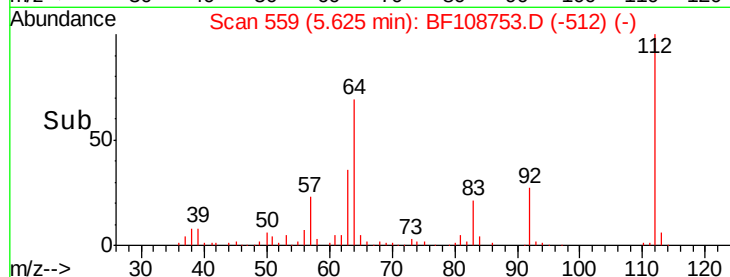
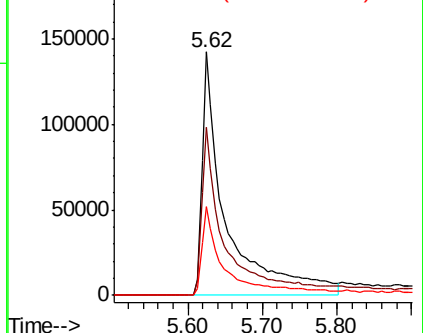
Tot Ion:	112	Resp:	320635
Ion	Ratio	Lower	Upper
112	100		
64	69.2	47.9	71.9
63	36.3	23.7	35.5#



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.373 ng

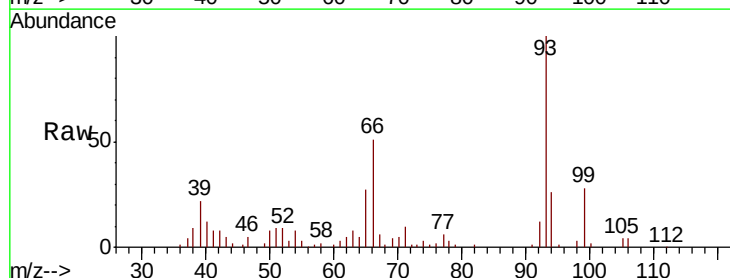
RT: 6.68 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

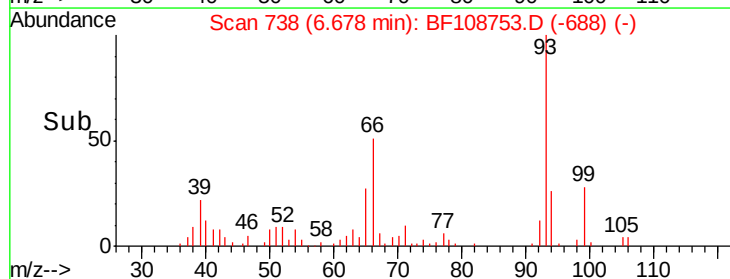
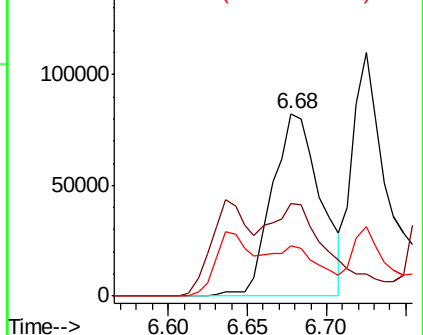
Tgt Ion:	93	Resp:	174776
Ion	Ratio	Lower	Upper
93	100		
66	51.0	32.2	48.2#
65	27.3	16.4	24.6#

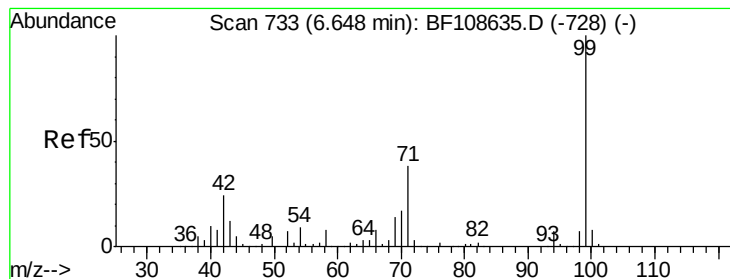


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 86.346 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Instrument :

BNA_F

ClientSampleId :

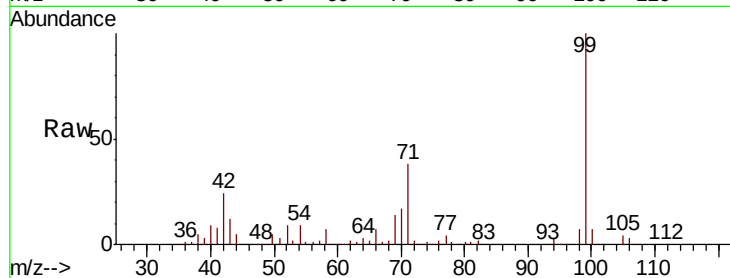
Tot Ion: 99 Resp: 492917

Ion Ratio Lower Upper

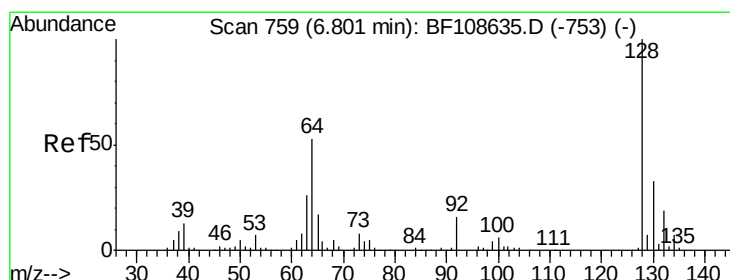
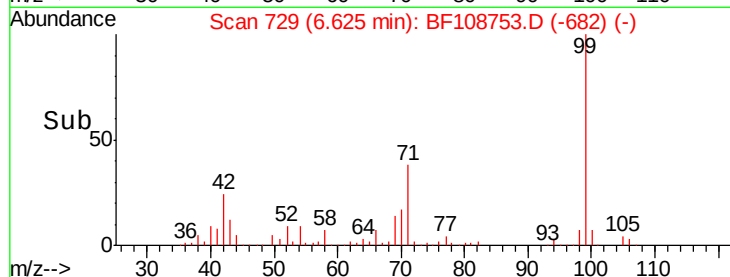
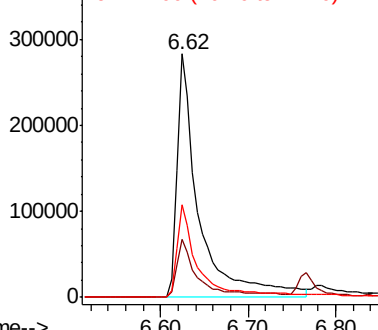
99 100

42 23.6 14.5 21.7#

71 38.0 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: 38.796 ng

RT: 6.78 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

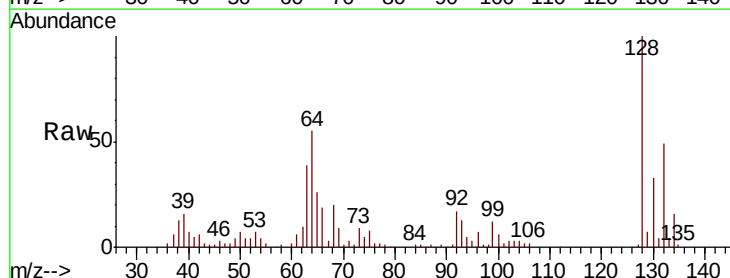
Tgt Ion: 128 Resp: 189068

Ion Ratio Lower Upper

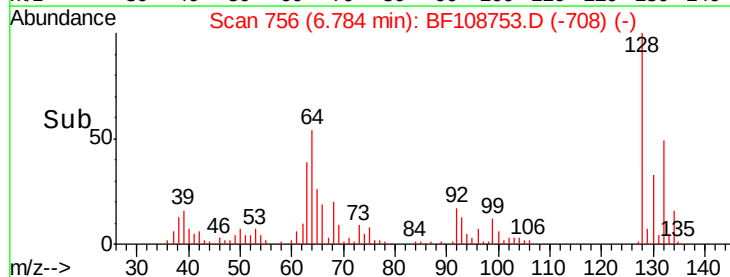
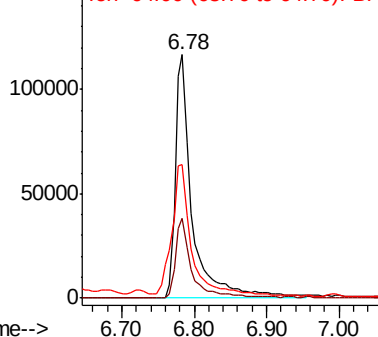
128 100

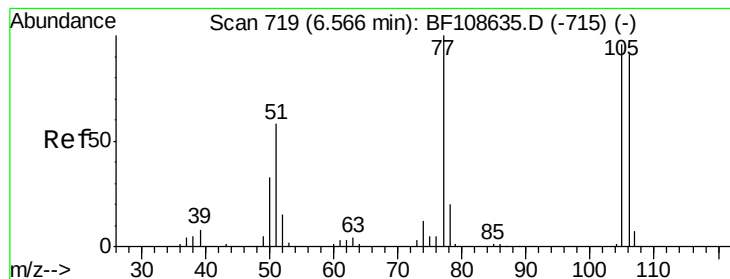
130 32.9 13.0 53.0

64 54.7 29.4 69.4



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





#9

Benzaldehyde

Concen: 9.444 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Instrument :

BNA_F

ClientSampleId :

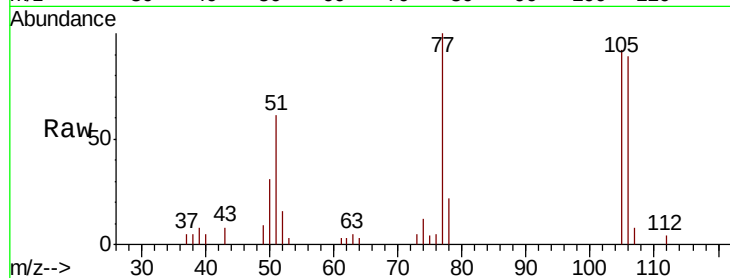
Tot Ion: 77 Resp: 33323

Ion Ratio Lower Upper

77 100

105 91.5 81.1 121.1

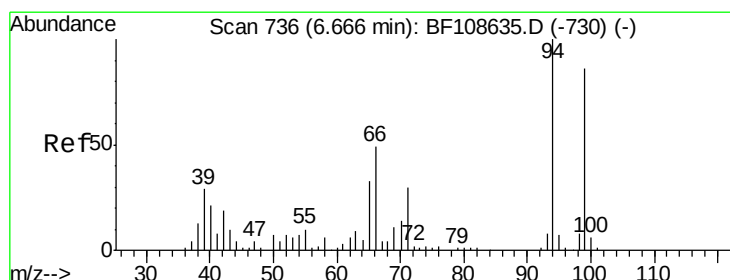
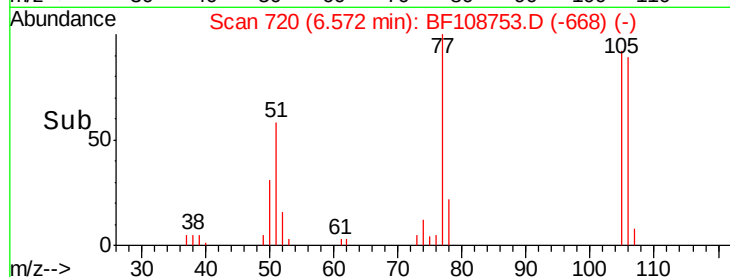
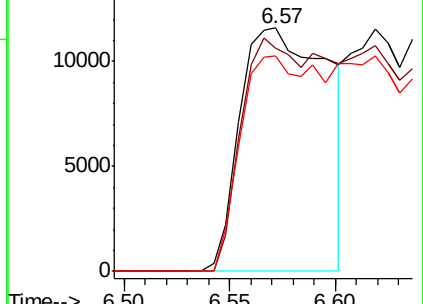
106 88.6 74.5 114.5



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: 28.262 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

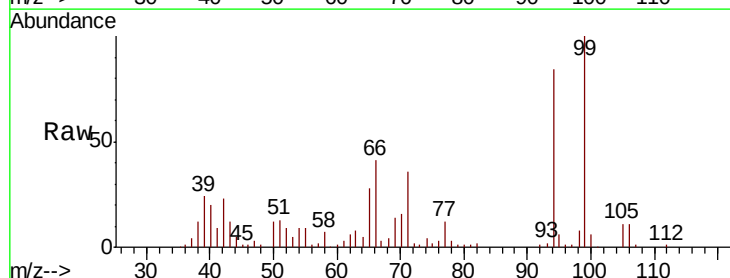
Tgt Ion: 94 Resp: 188140

Ion Ratio Lower Upper

94 100

65 33.8 7.9 47.9

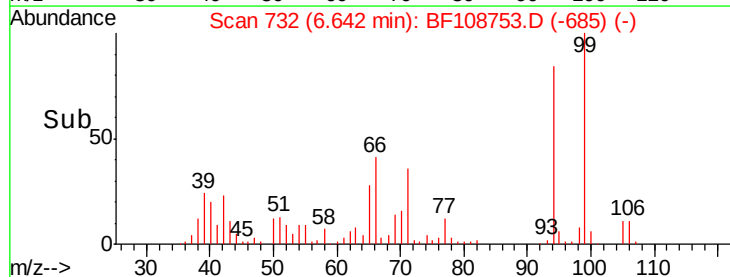
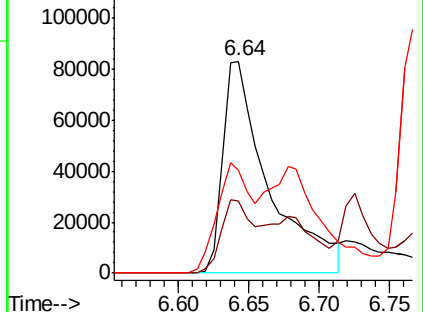
66 48.8 16.2 56.2

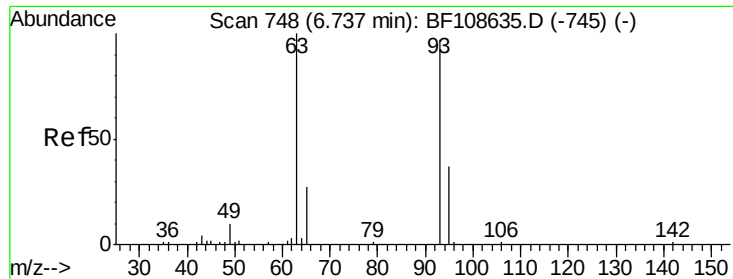


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

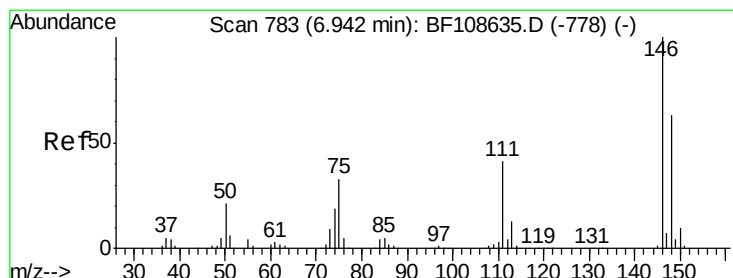
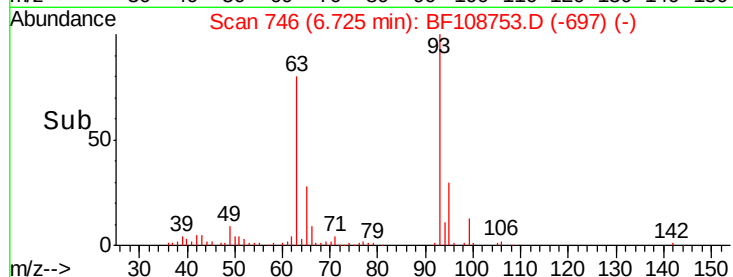
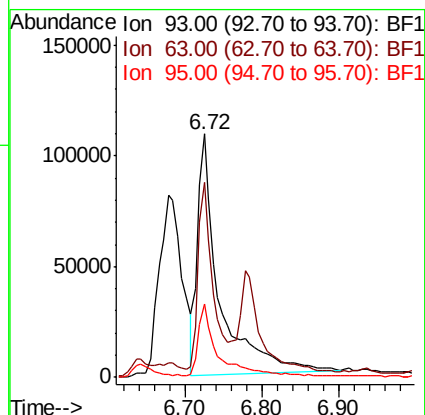
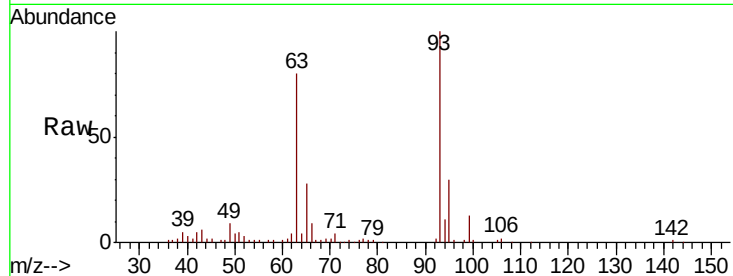




#11
 bis(2-Chloroethyl)ether
 Concen: 36.579 ng
 RT: 6.72 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

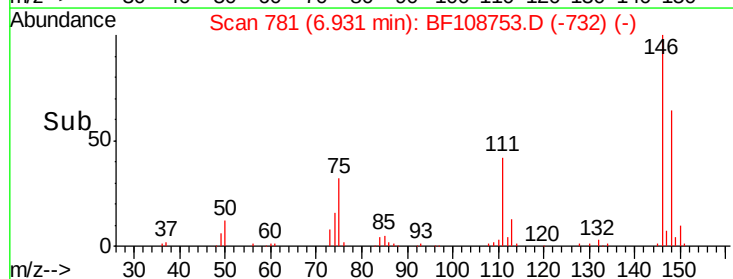
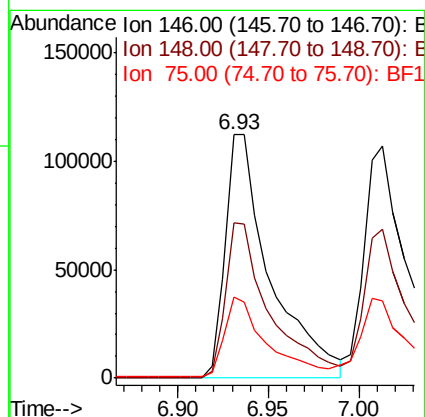
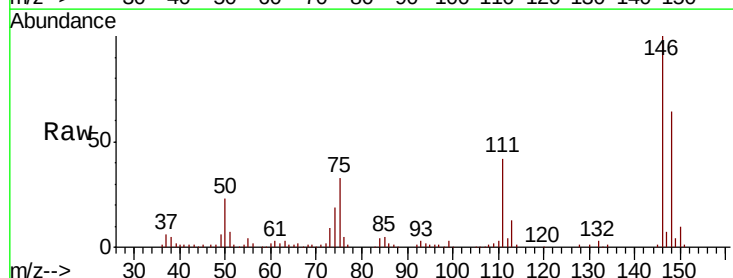
Instrument :
 BNA_F
 ClientSampled :

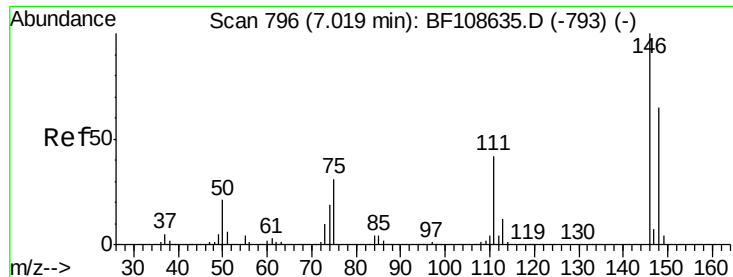
Tot Ion: 93 Resp: 214419
 Ion Ratio Lower Upper
 93 100
 63 79.9 58.6 98.6
 95 29.9 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 34.335 ng
 RT: 6.93 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Tgt Ion: 146 Resp: 194010
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.8 77.8
 75 33.2 24.2 36.4

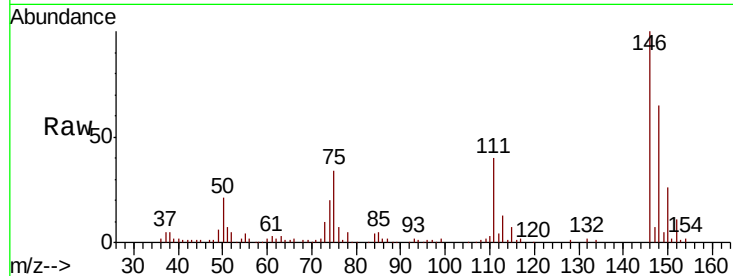




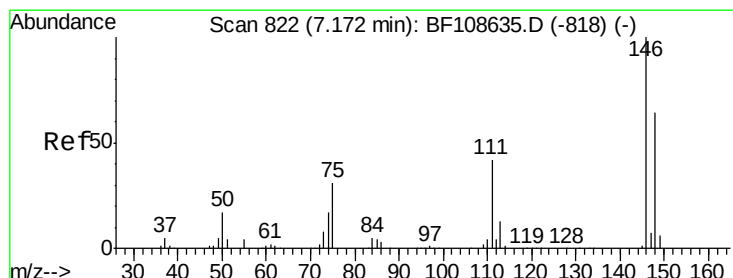
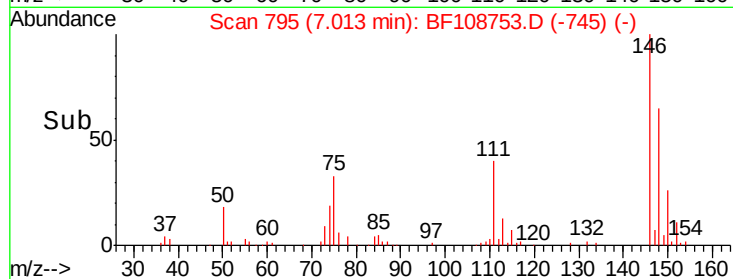
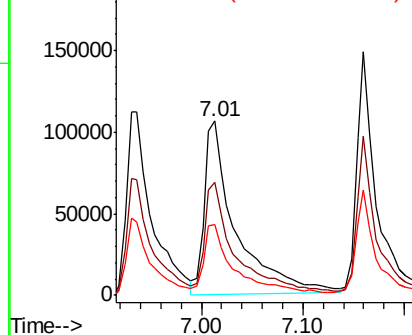
#13
 1,4-Dichlorobenzene
 Concen: 36.873 ng
 RT: 7.01 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 227431
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.8 76.2
 111 40.4 34.2 51.2

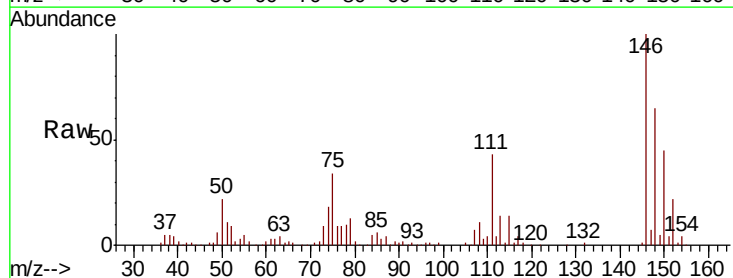


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

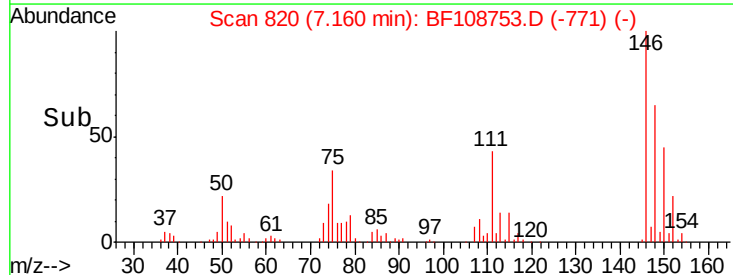
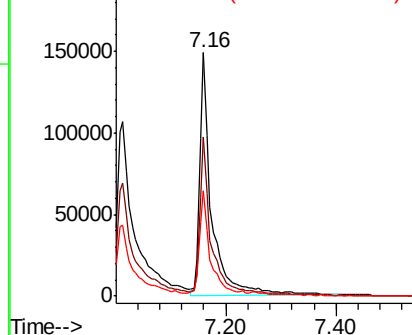


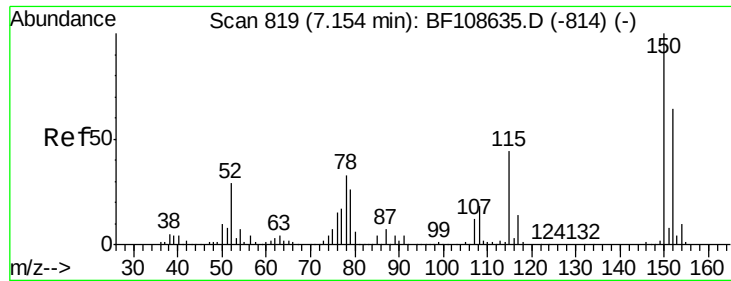
#14
 1,2-Dichlorobenzene
 Concen: 39.346 ng
 RT: 7.16 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Tgt Ion:146 Resp: 222884
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.6 75.8
 111 43.3 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 14.969 ng

RT: 7.15 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Instrument :

BNA_F

ClientSampleId :

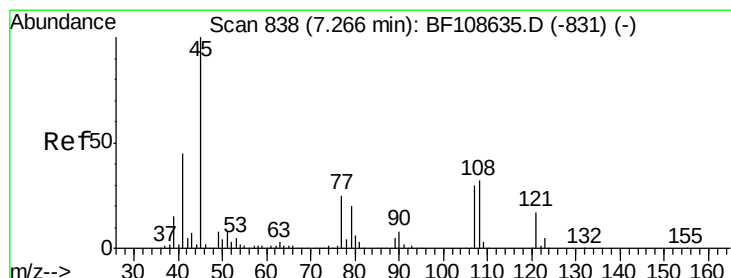
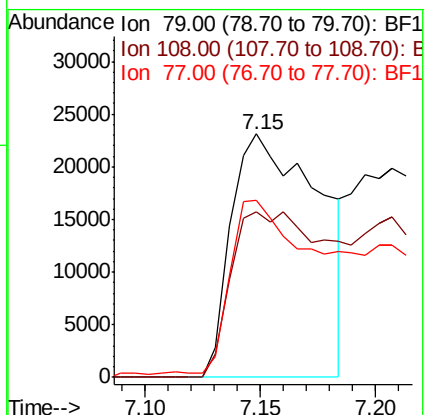
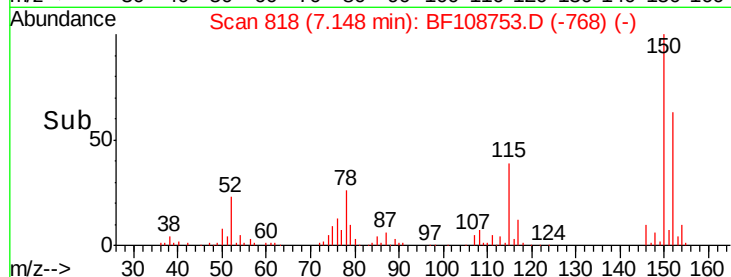
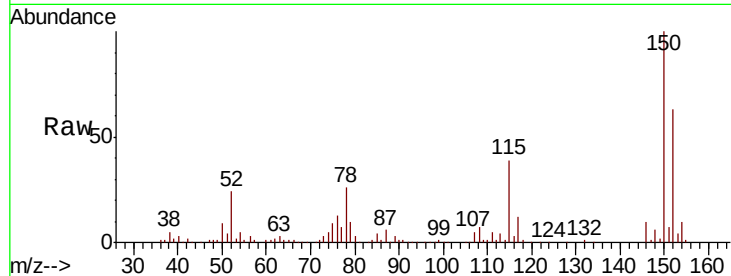
Tot Ion: 79 Resp: 61470

Ion Ratio Lower Upper

79 100

108 67.8 65.1 97.7

77 72.6 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.683 ng

RT: 7.25 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

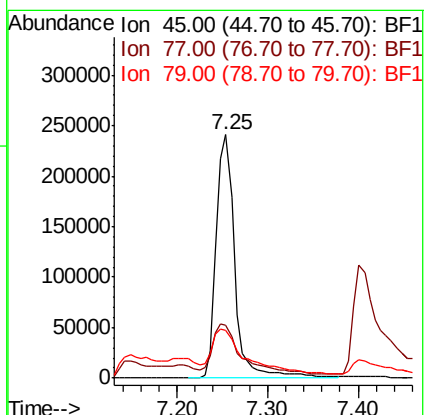
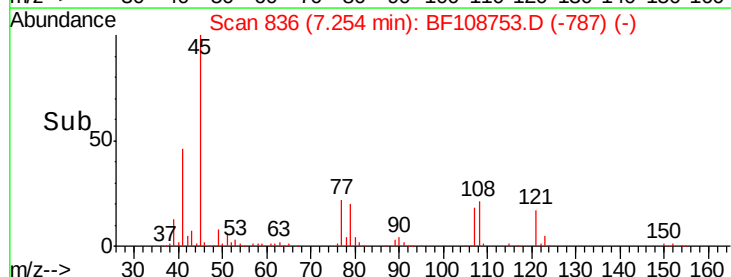
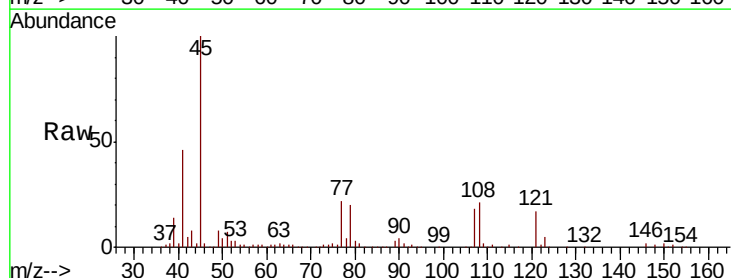
Tgt Ion: 45 Resp: 338867

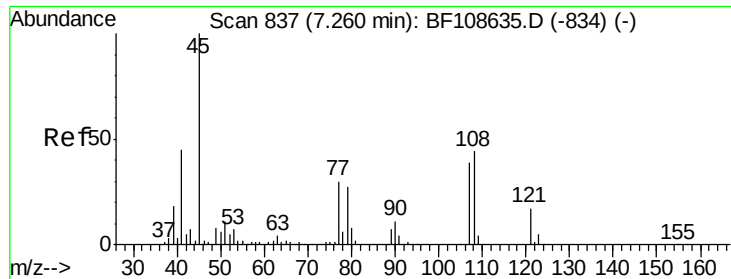
Ion Ratio Lower Upper

45 100

77 21.6 0.0 32.9

79 19.6 0.0 29.6





#17

2-Methylphenol

Concen: 34.513 ng

RT: 7.24 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF108753.D

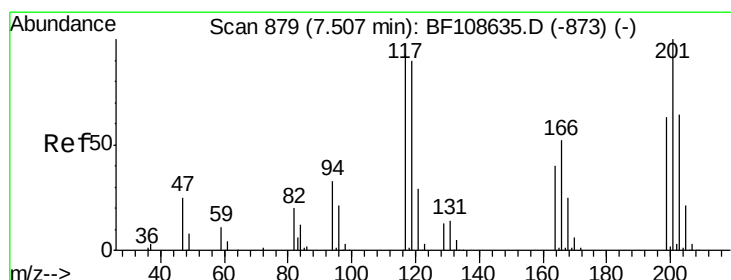
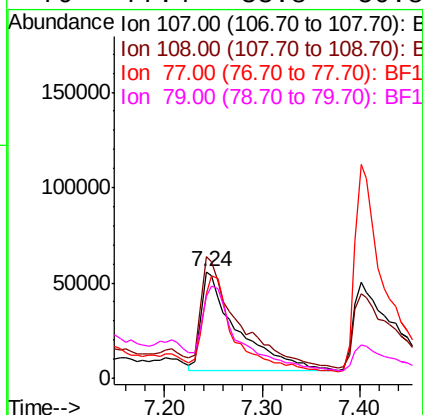
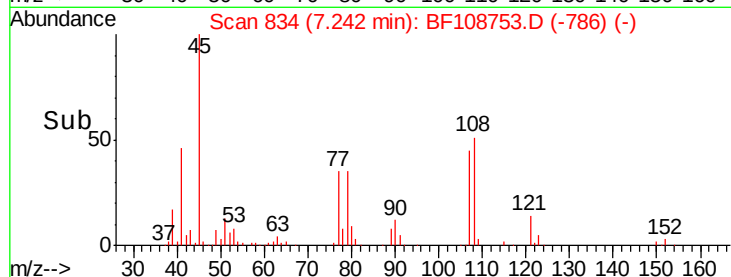
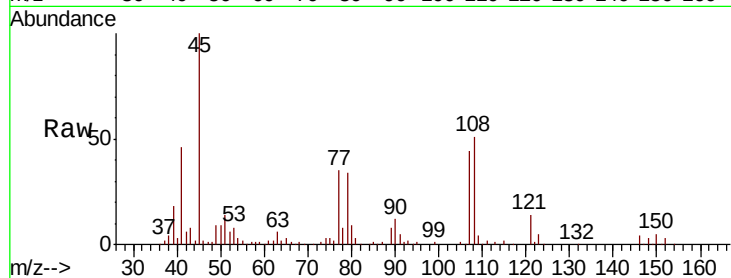
Acq: 4 Sep 2018 20:49

Instrument :

BNA_F

ClientSampled :

Tot Ion:	107	Resp:	130770
Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.7	137.5
77	79.4	33.8	50.8#
79	77.4	33.8	50.8#



#18

Hexachloroethane

Concen: 30.239 ng

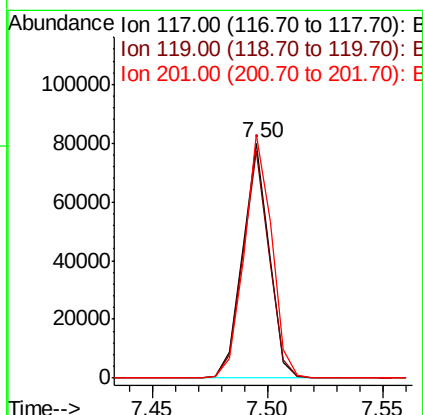
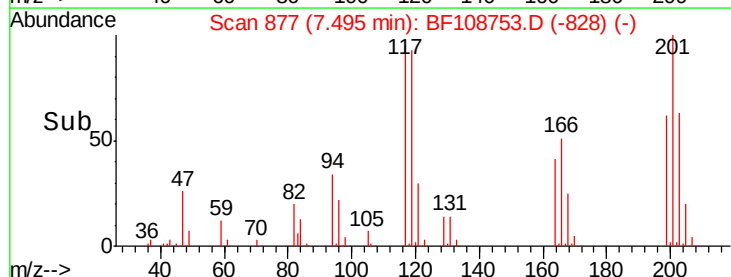
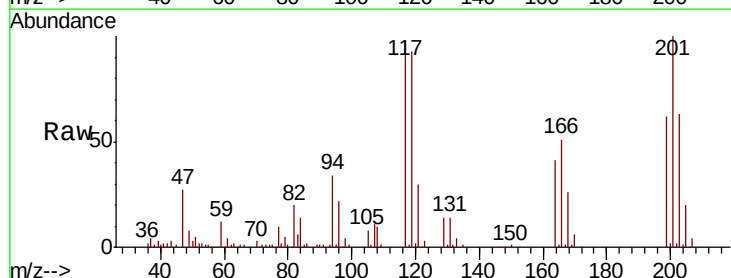
RT: 7.50 min Scan# 877

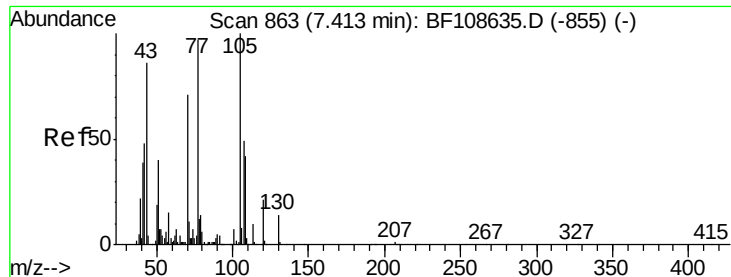
Delta R.T. -0.01 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Tgt Ion:	117	Resp:	64143
Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.8	113.8
201	103.6	75.7	113.5

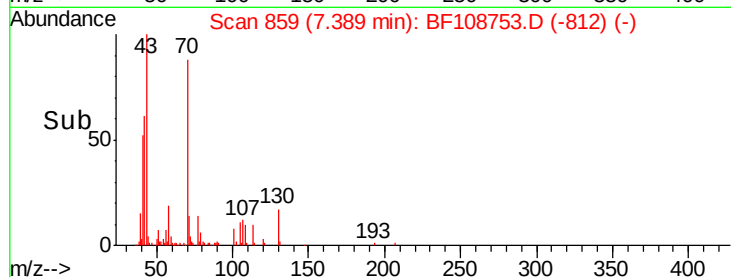
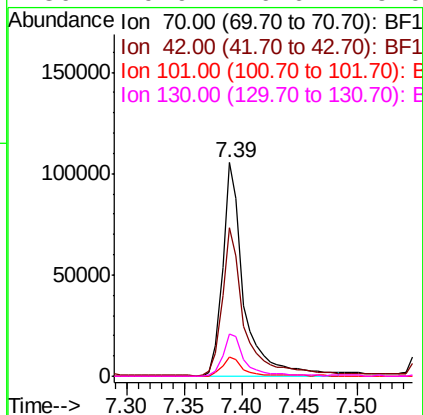
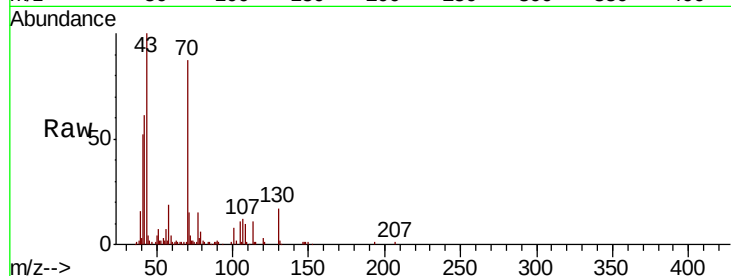




#19
n-Nitroso-di-n-propylamine
Concen: 35.671 ng
RT: 7.39 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

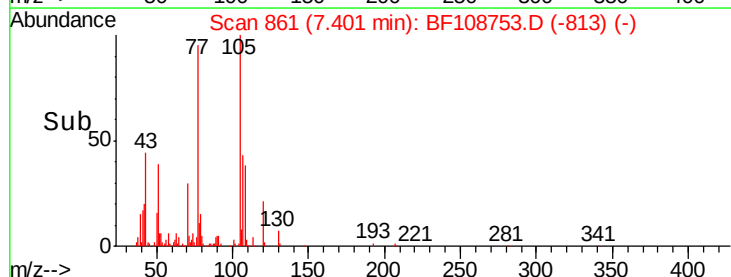
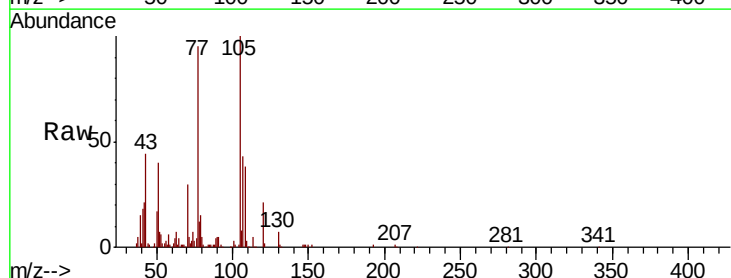
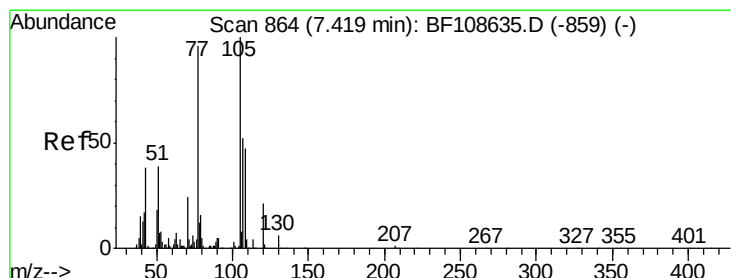
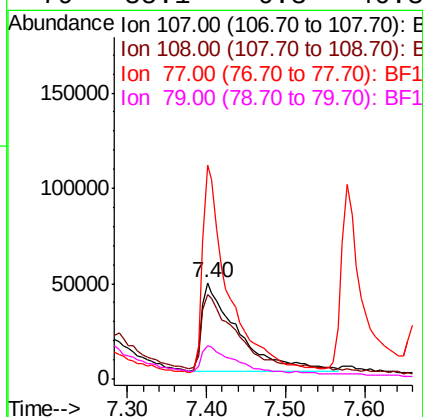
Instrument :
BNA_F
ClientSampleId :

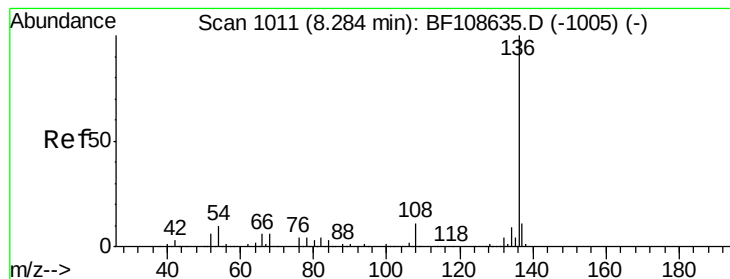
Tot Ion:	70	Resp:	136368
Ion	Ratio	Lower	Upper
70	100		
42	69.6	47.5	71.3
101	9.1	7.4	11.2
130	19.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 30.693 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion:	107	Resp:	145710
Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.2	108.2
77	221.6	26.7	66.7#
79	35.1	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 260803

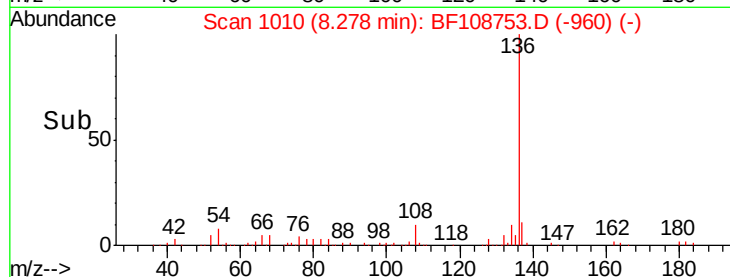
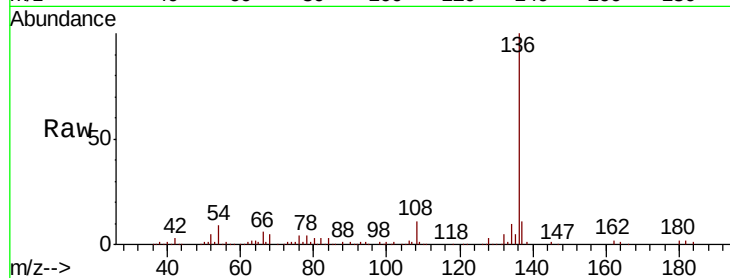
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.7 6.6 9.8

68 5.1 5.0 7.4

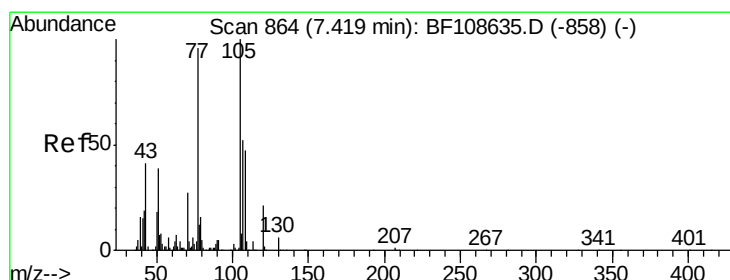
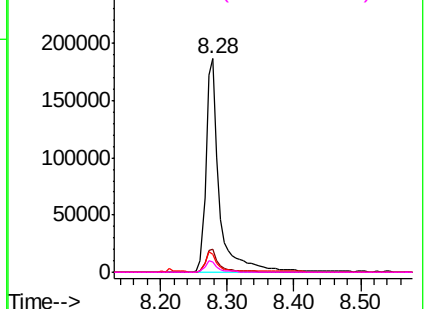


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.434 ng

RT: 7.40 min Scan# 861

Delta R.T. -0.02 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Tgt Ion:105 Resp: 269766

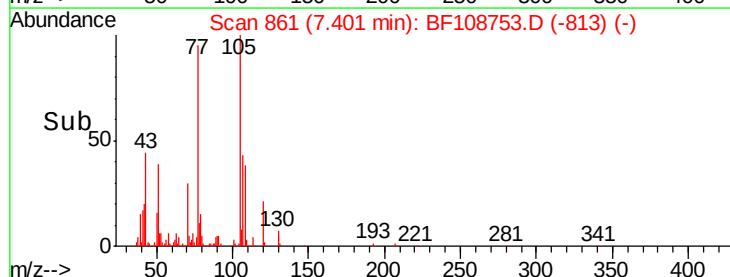
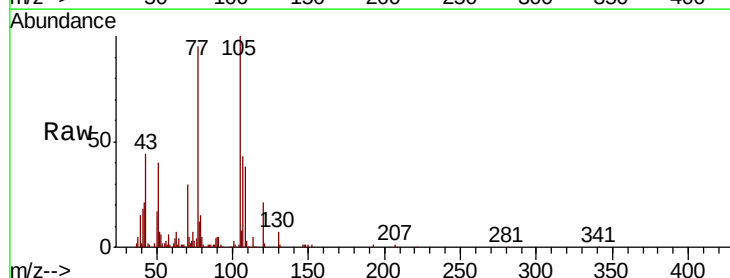
Ion Ratio Lower Upper

105 100

71 4.9 4.4 6.6

51 39.5 22.3 33.5#

120 20.9 16.9 25.3

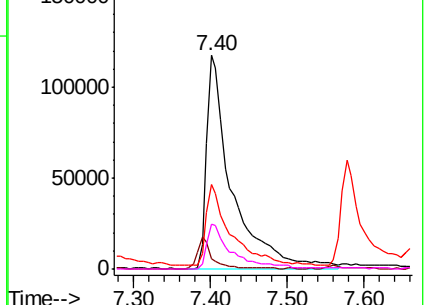


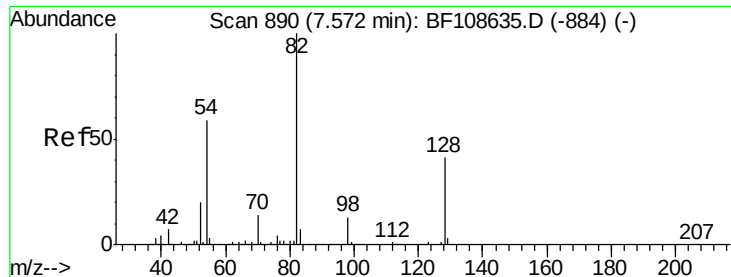
Abundance Ion 105.00 (104.70 to 105.70): E

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

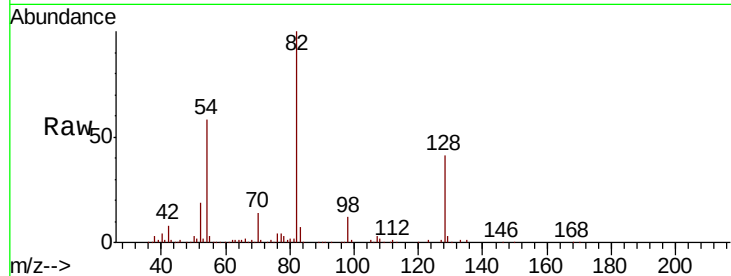




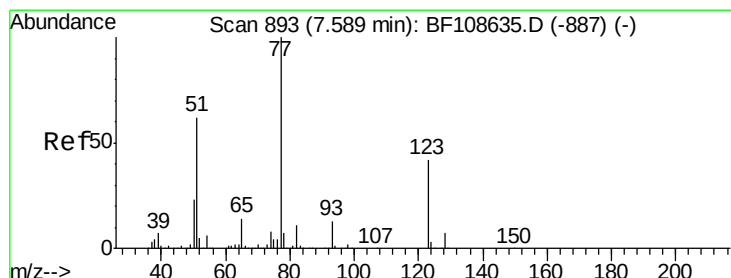
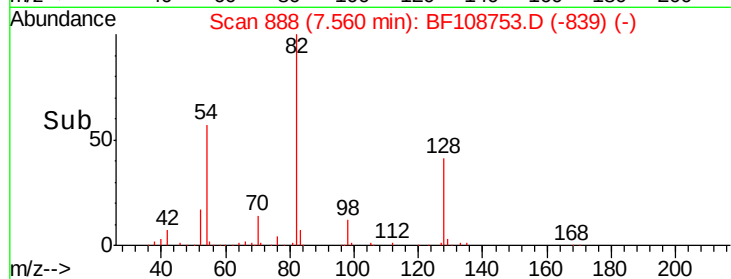
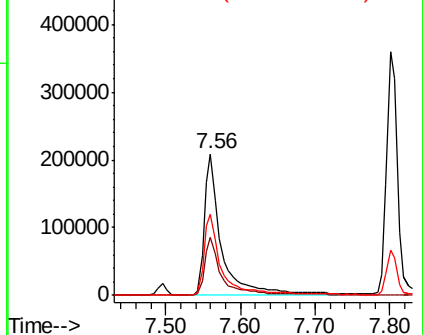
#23
 Nitrobenzene-d5
 Concen: 66.284 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	340575
Ion Ratio	100	Lower	Upper
128	41.2	36.1	54.1
54	57.5	41.4	62.2

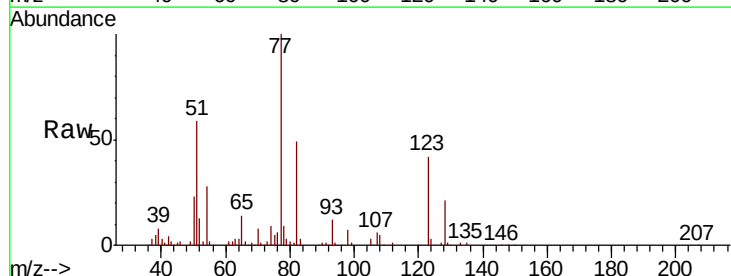


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

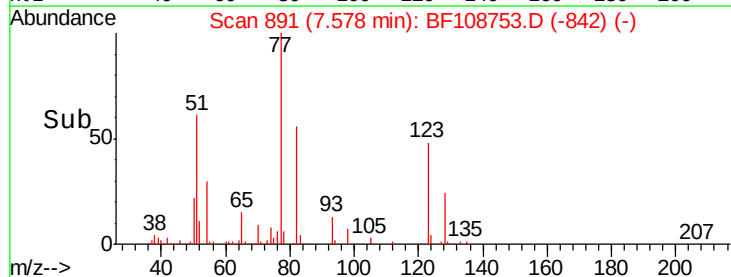
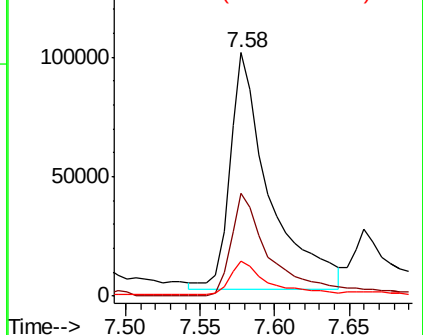


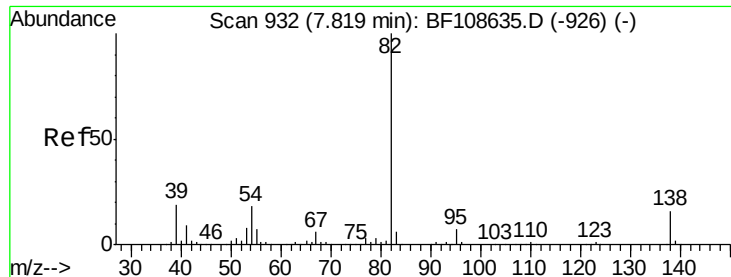
#24
 Nitrobenzene
 Concen: 35.134 ng
 RT: 7.58 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Tgt Ion	77	Resp	183045
Ion Ratio	100	Lower	Upper
123	42.1	37.9	56.9
65	14.3	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.355 ng

RT: 7.80 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Instrument :

BNA_F

ClientSampled :

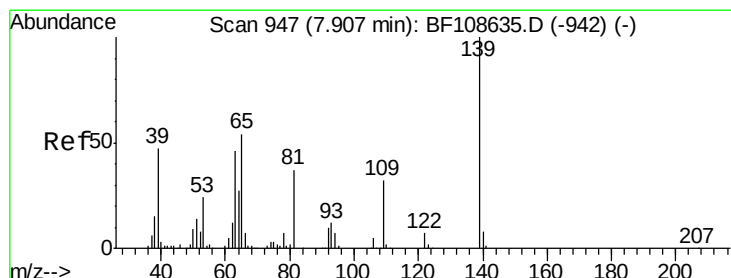
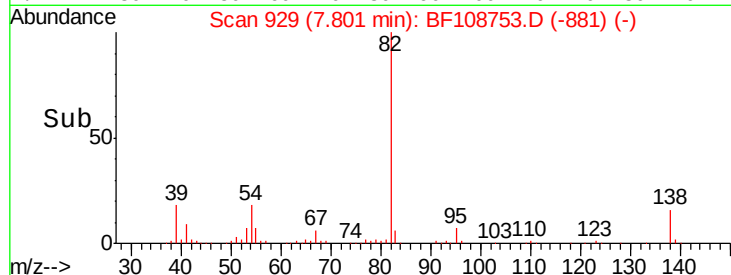
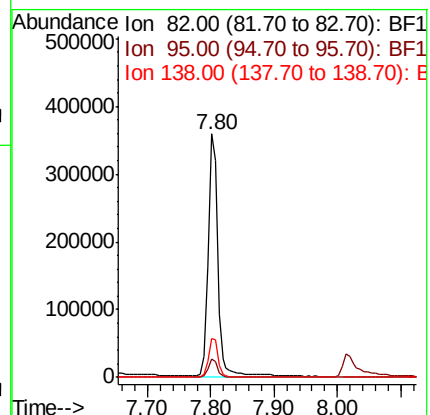
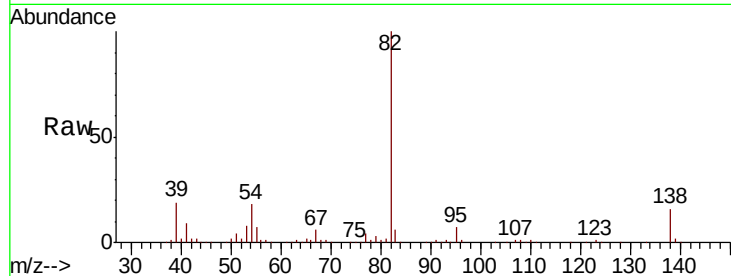
Tot Ion: 82 Resp: 378585

Ion Ratio Lower Upper

82 100

95 7.5 5.2 7.8

138 16.1 14.9 22.3



#26

2-Nitrophenol

Concen: 29.378 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

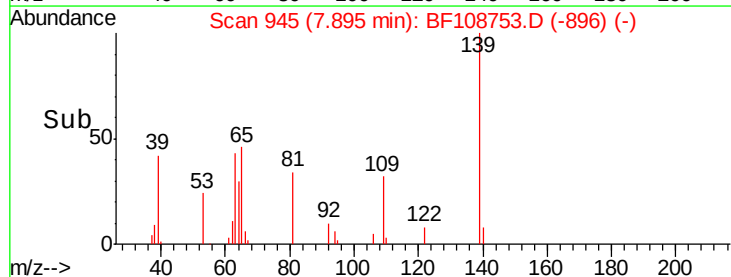
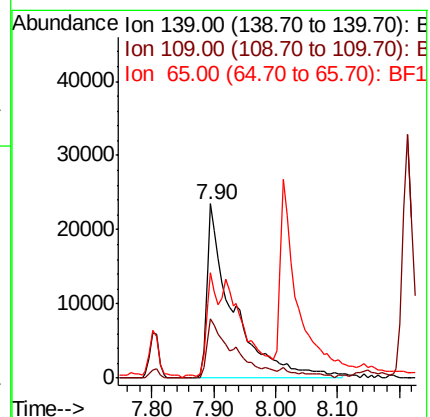
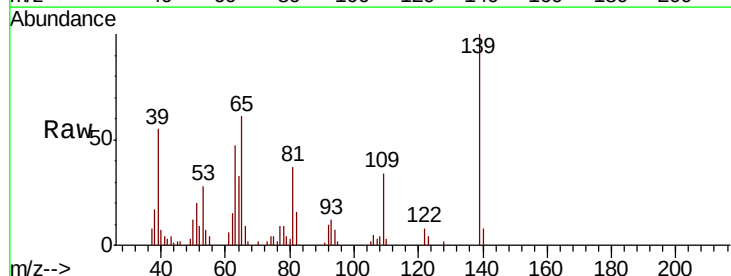
Tgt Ion: 139 Resp: 69286

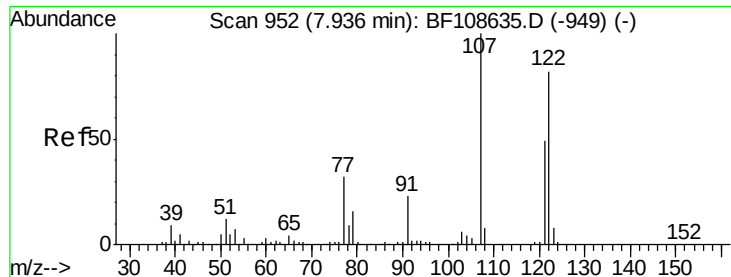
Ion Ratio Lower Upper

139 100

109 33.7 22.7 34.1

65 60.6 40.5 60.7

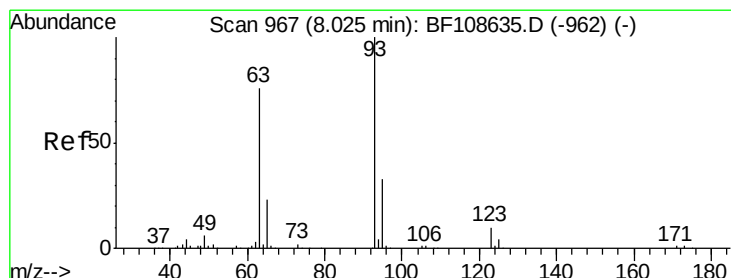
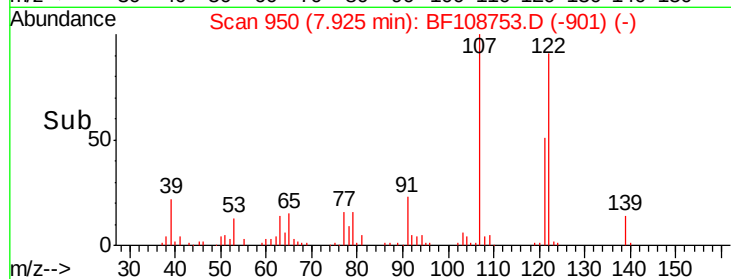
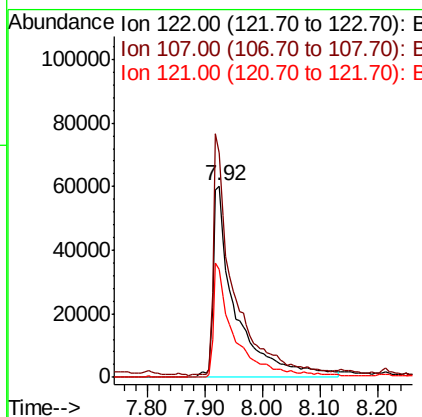
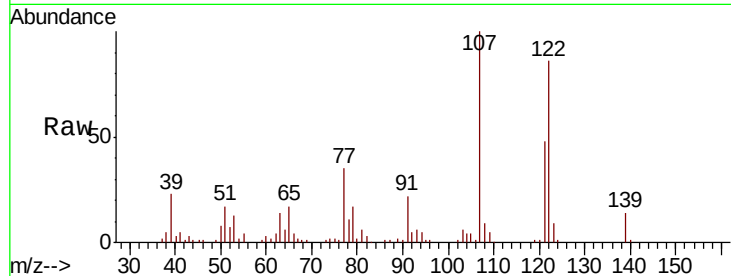




#27
 2,4-Dimethylphenol
 Concen: 47.186 ng
 RT: 7.92 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

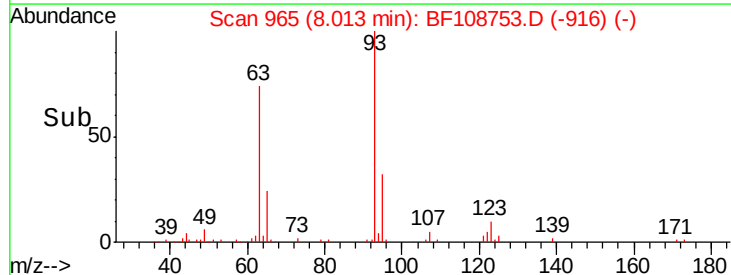
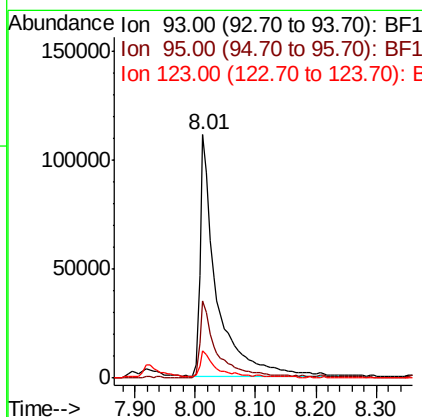
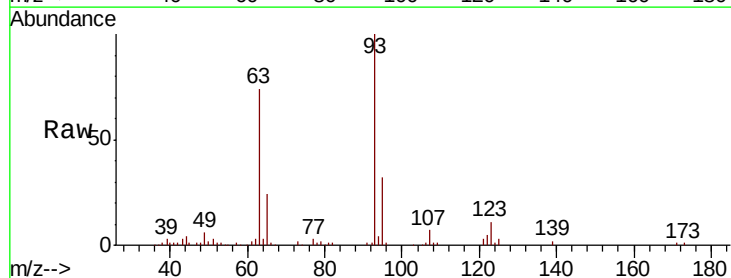
Instrument :
 BNA_F
 ClientSampled :

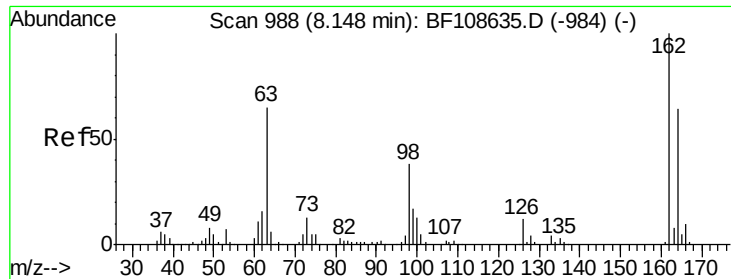
Tot Ion:122 Resp: 161852
 Ion Ratio Lower Upper
 122 100
 107 116.9 91.2 136.8
 121 56.4 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.793 ng
 RT: 8.01 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Tgt Ion: 93 Resp: 214559
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.3 39.5
 123 11.1 9.8 14.6

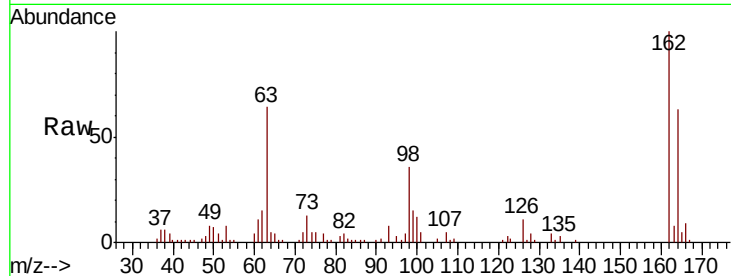




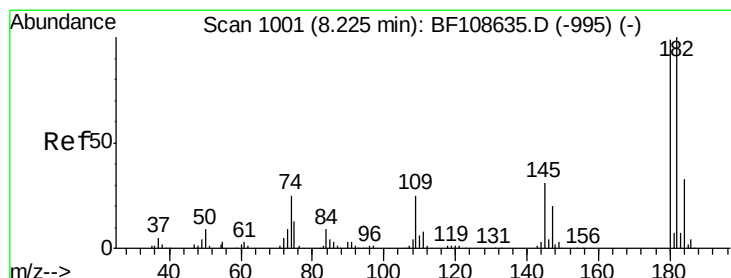
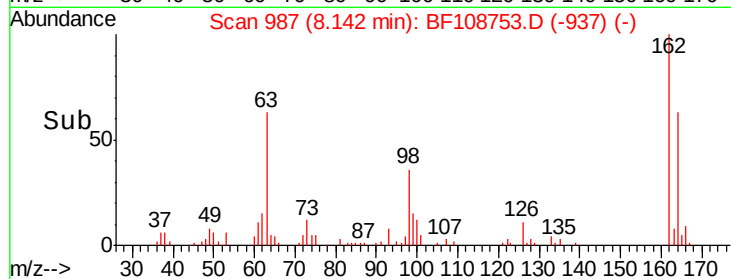
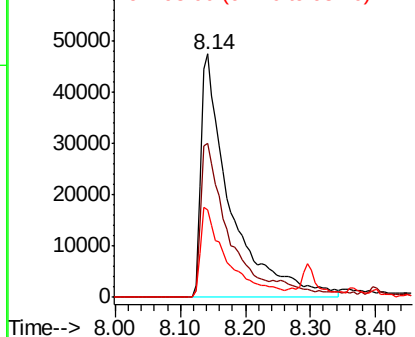
#29
2,4-Dichlorophenol
Concen: 36.549 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 148730
Ion Ratio Lower Upper
162 100
164 63.3 42.7 82.7
98 35.8 18.1 58.1

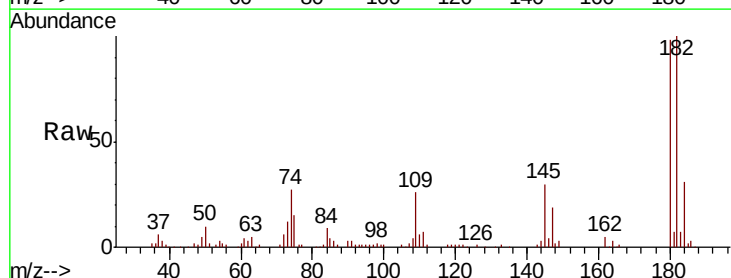


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

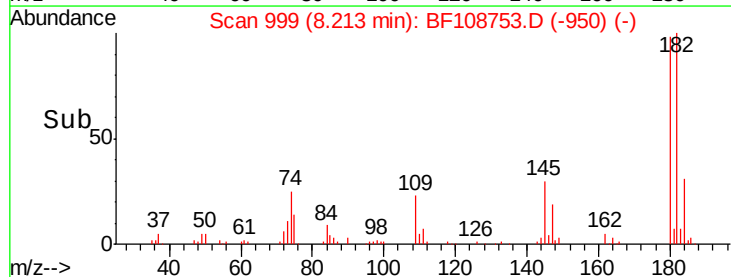
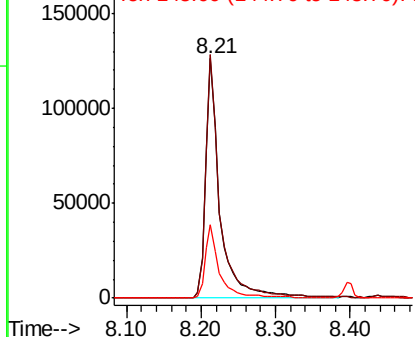


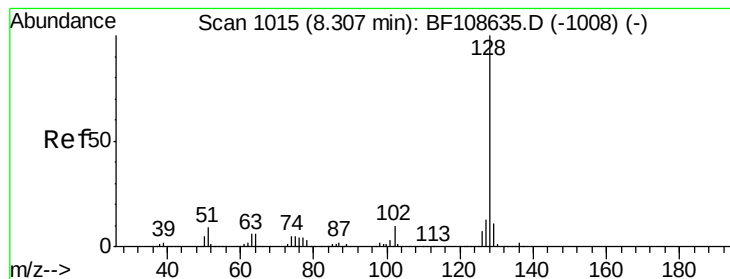
#30
1,2,4-Trichlorobenzene
Concen: 37.771 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion:180 Resp: 171878
Ion Ratio Lower Upper
180 100
182 101.7 76.8 115.2
145 30.8 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: 44.723 ng

RT: 8.30 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Instrument :

BNA_F

ClientSampleId :

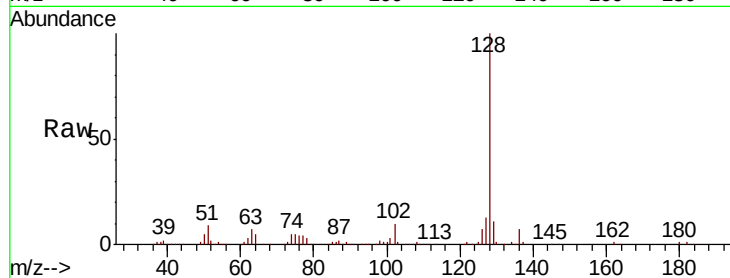
Tot Ion:128 Resp: 555566

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

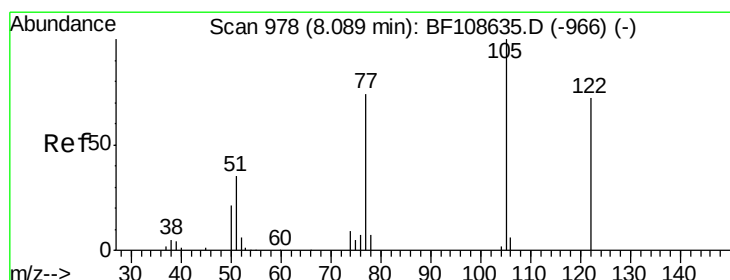
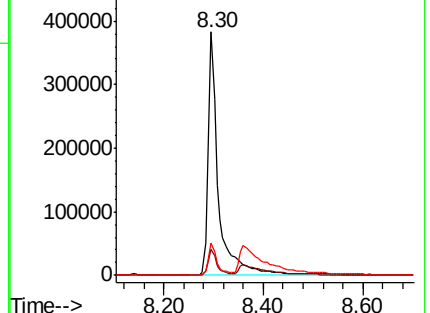
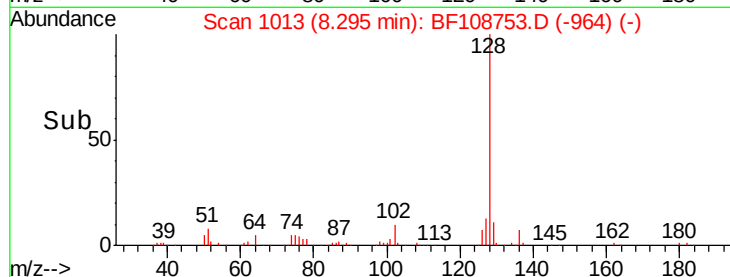
127 13.3 10.9 16.3



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: 73.580 ng

RT: 7.92 min Scan# 950

Delta R.T. -0.16 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

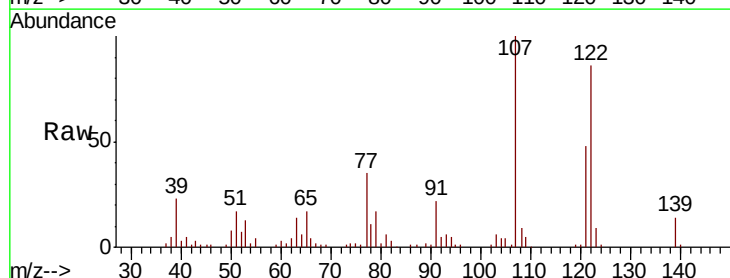
Tgt Ion:122 Resp: 161852

Ion Ratio Lower Upper

122 100

105 4.2 101.1 141.1#

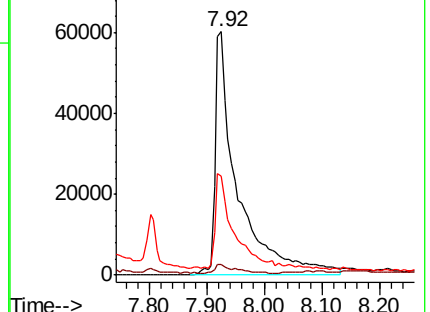
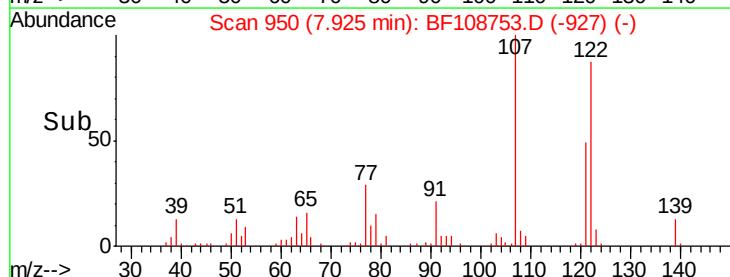
77 40.8 70.7 110.7#

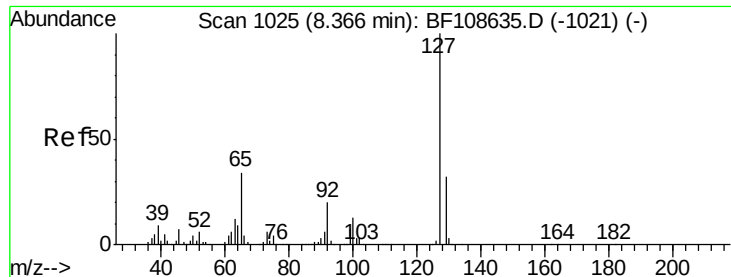


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

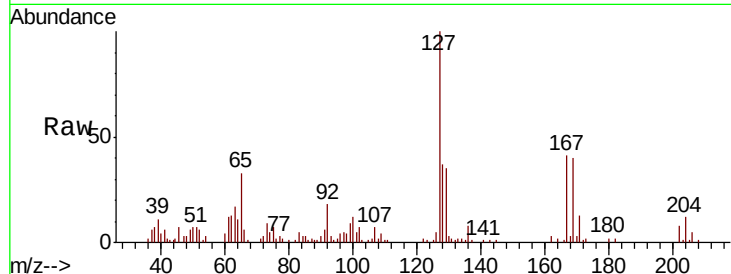




#33
4-Chloroaniline
Concen: 33.169 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.6	25.9	38.9
65	33.3	25.0	37.4
92	18.5	15.2	22.8



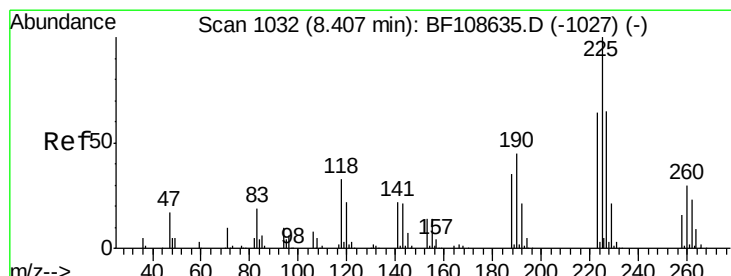
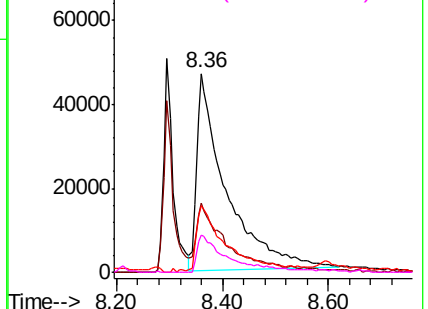
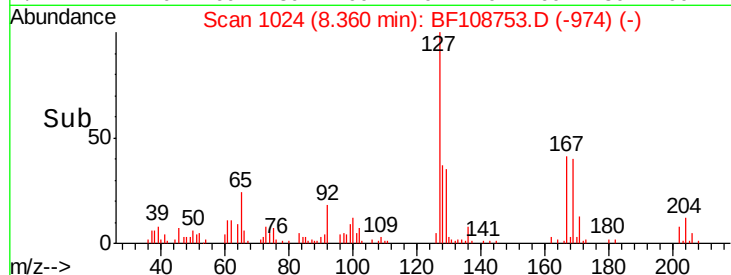
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

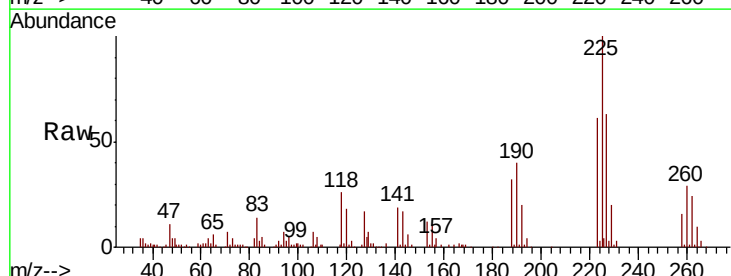
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 38.415 ng
RT: 8.40 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.6	76.0
227	62.8	51.9	77.9

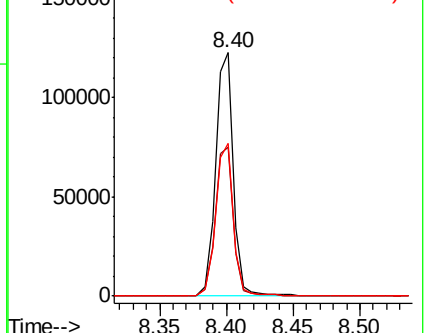
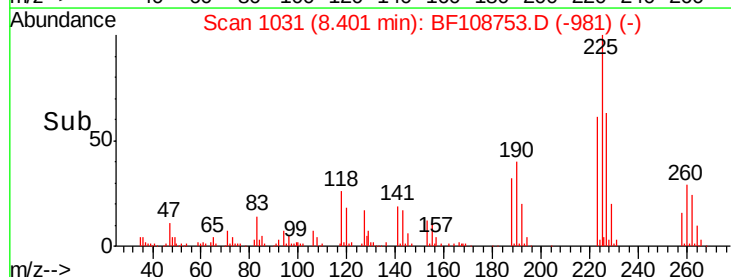


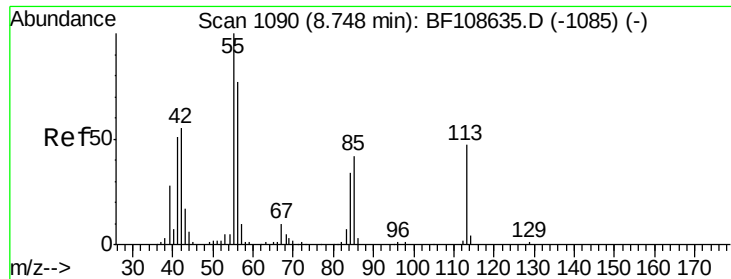
Abundance

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

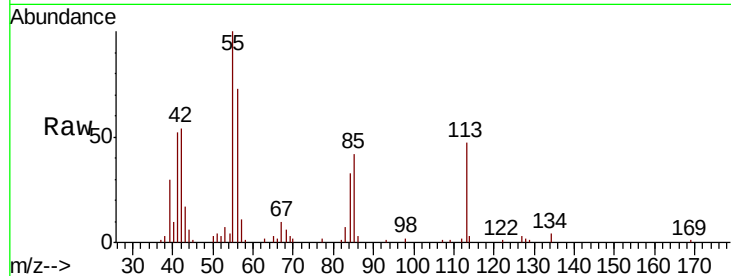




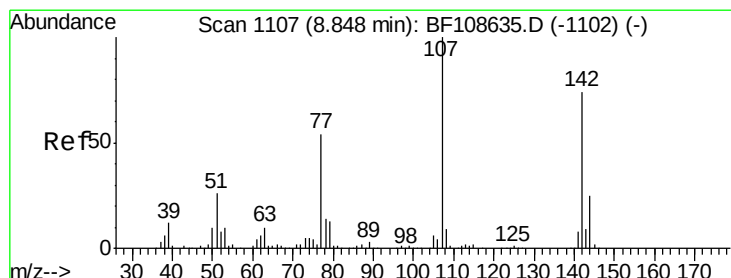
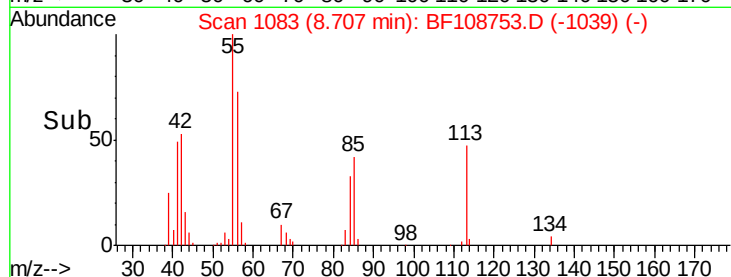
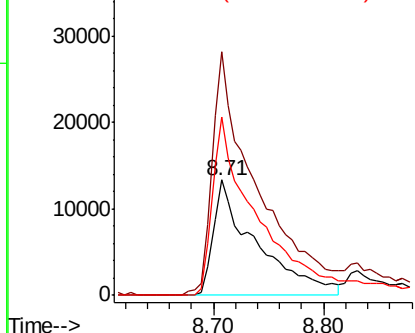
#35
 Caprolactam
 Concen: 33.197 ng
 RT: 8.71 min Scan# 1083
 Delta R.T. -0.04 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:113 Resp: 35996
 Ion Ratio Lower Upper
 113 100
 55 211.1 163.3 203.3#
 56 154.9 115.7 155.7

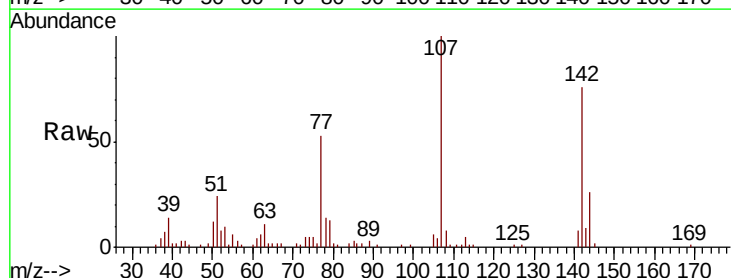


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

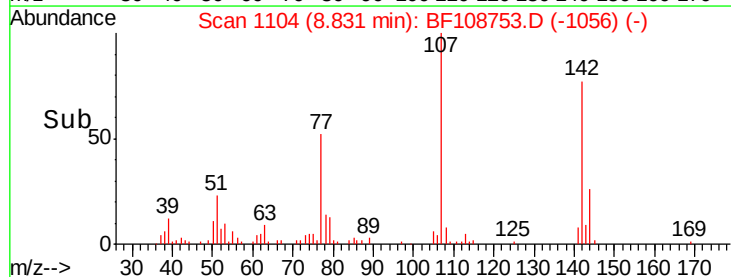
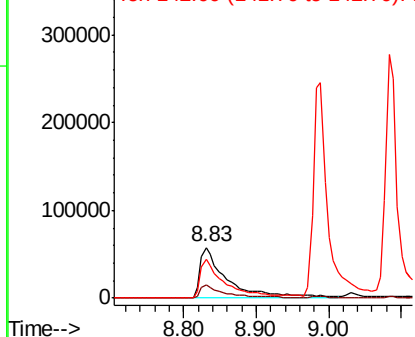


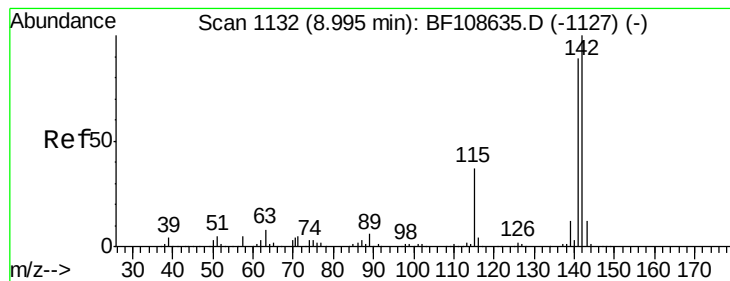
#36
 4-Chloro-3-methylphenol
 Concen: 34.973 ng
 RT: 8.83 min Scan# 1104
 Delta R.T. -0.02 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Tgt Ion:107 Resp: 152745
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.5 30.7
 142 76.1 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: 40.565 ng

RT: 8.99 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Instrument :

BNA_F

ClientSampleId :

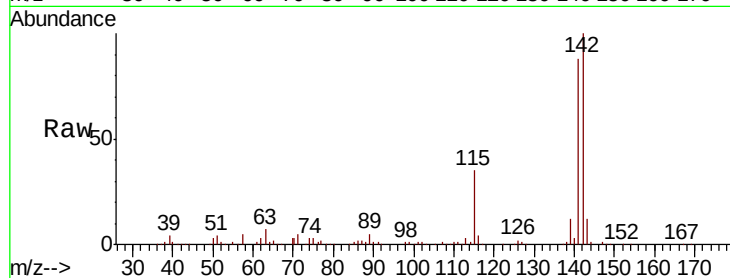
Tot Ion:142 Resp: 340938

Ion Ratio Lower Upper

142 100

141 88.4 70.8 106.2

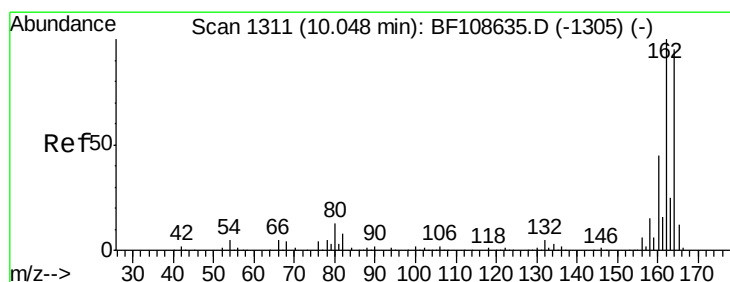
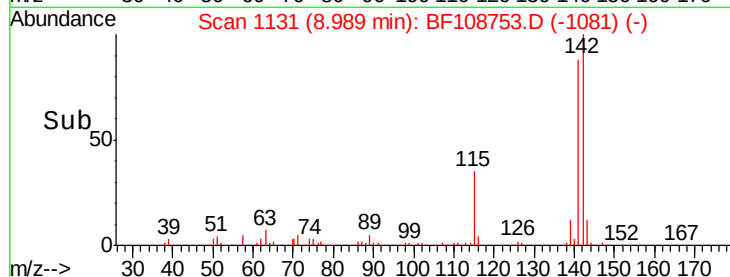
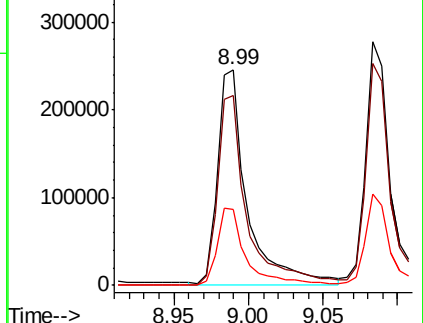
115 35.2 26.1 39.1



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# 1309

Delta R.T. -0.01 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

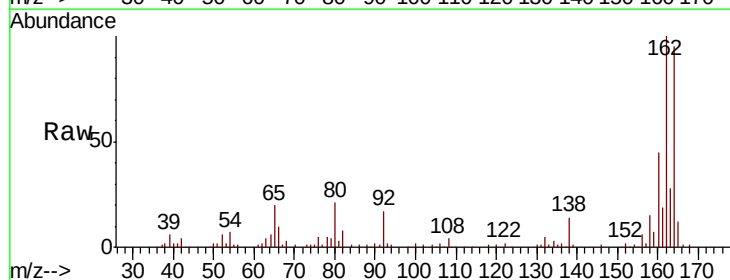
Tgt Ion:164 Resp: 122738

Ion Ratio Lower Upper

164 100

162 105.4 86.1 129.1

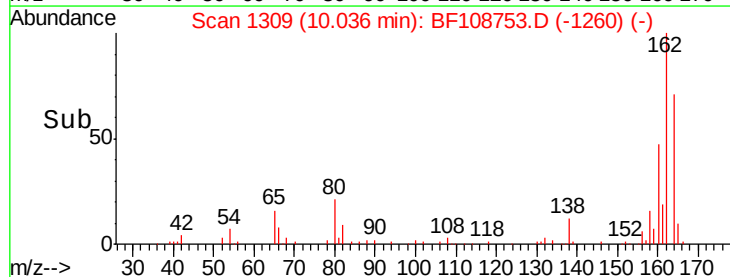
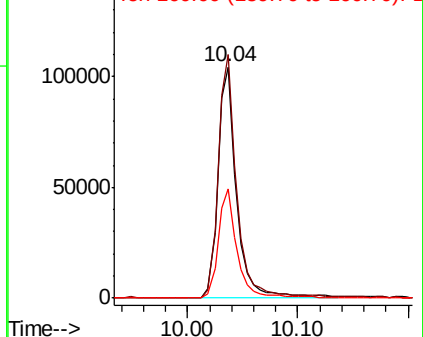
160 47.6 38.3 57.5

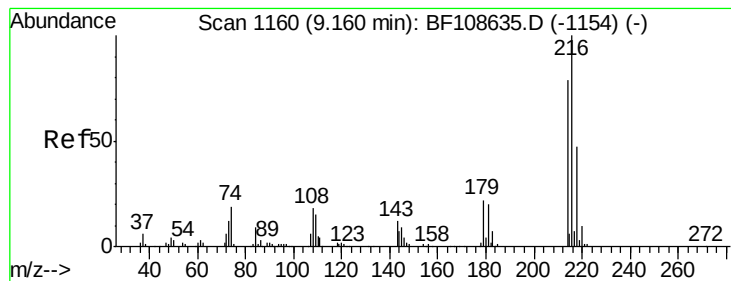


Abundance Ion 164.00 (163.70 to 164.70): E

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: 41.478 ng

RT: 9.15 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF108753.D

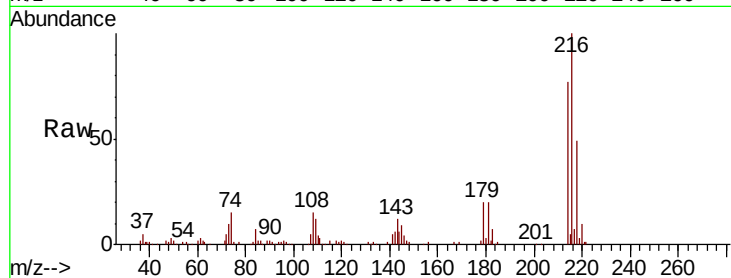
Acq: 4 Sep 2018 20:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	180738
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	20.8	18.1	27.1
108	16.6	17.2	25.8#



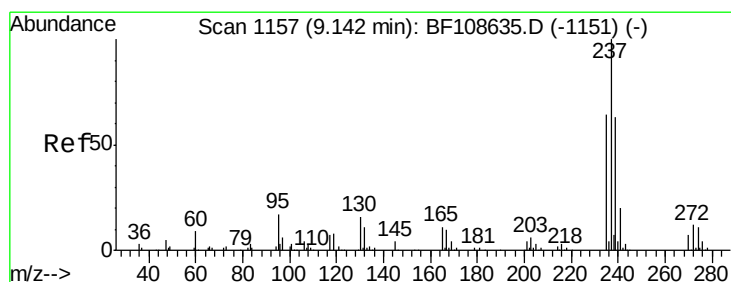
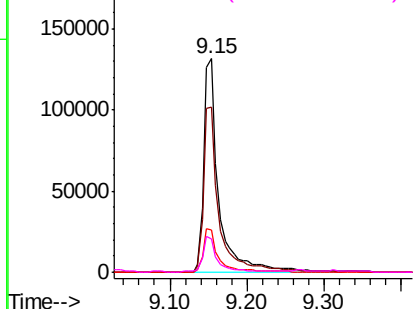
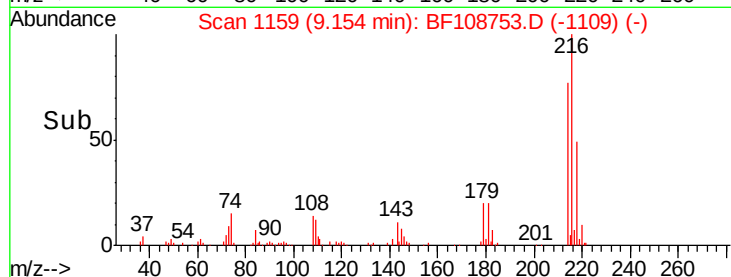
Abundance

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: 11.814 ng

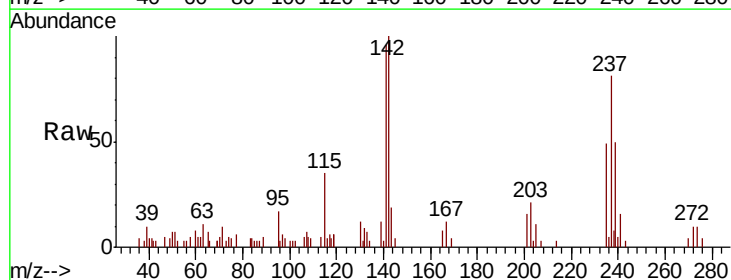
RT: 9.13 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Tgt Ion:	237	Resp:	9646
Ion	Ratio	Lower	Upper
237	100		
235	60.6	44.8	84.8
272	12.3	0.0	33.3

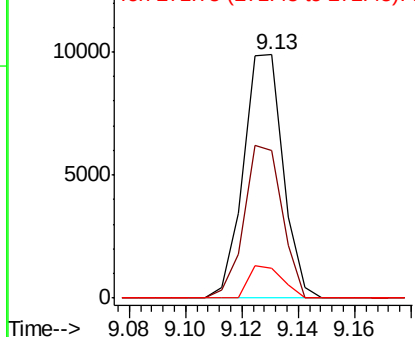
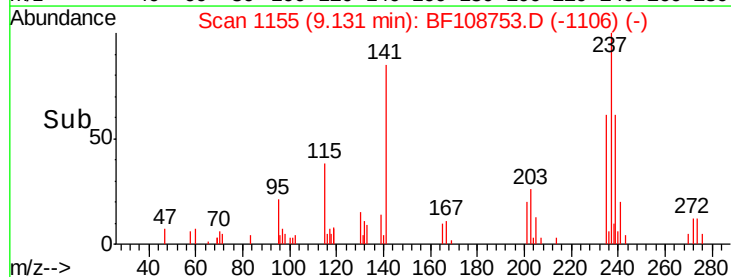


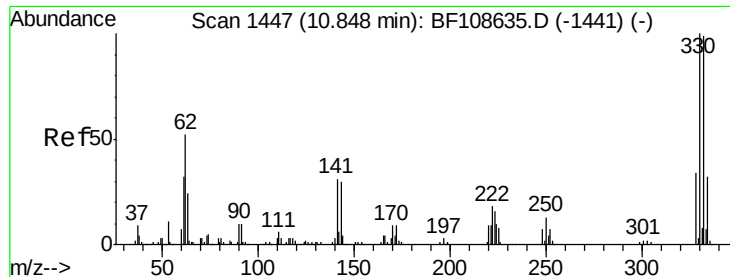
Abundance

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

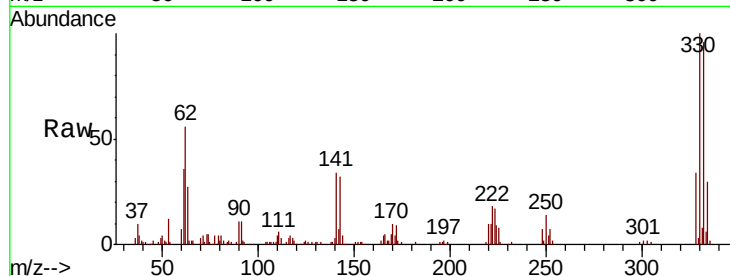




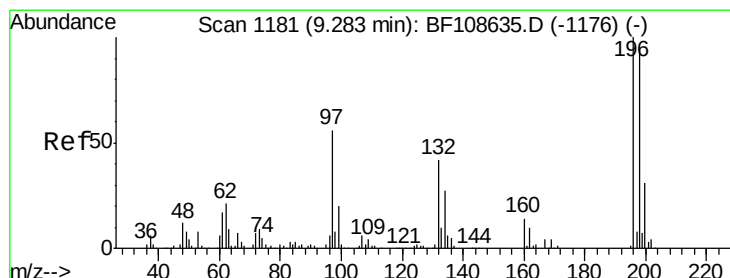
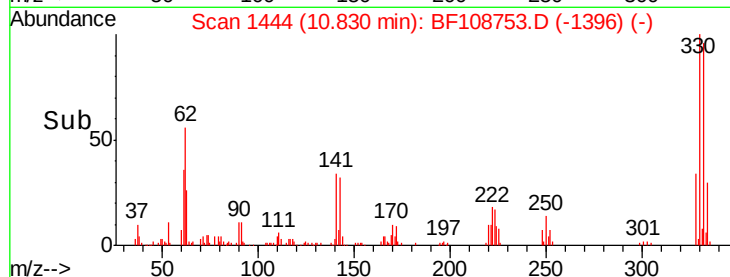
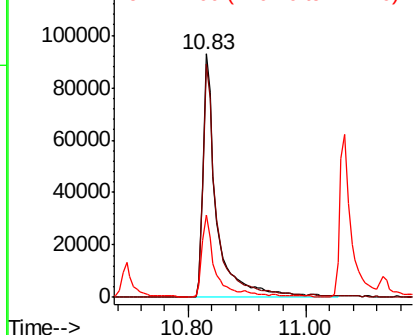
#41
 2,4,6-Tribromophenol
 Concen: 92.140 ng
 RT: 10.83 min Scan# 1444
 Delta R.T. -0.02 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 149293
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 30.2 29.9 44.9

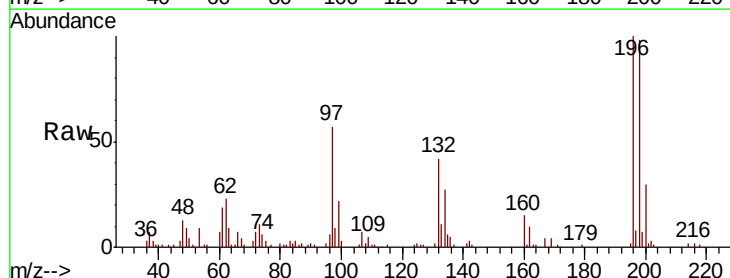


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

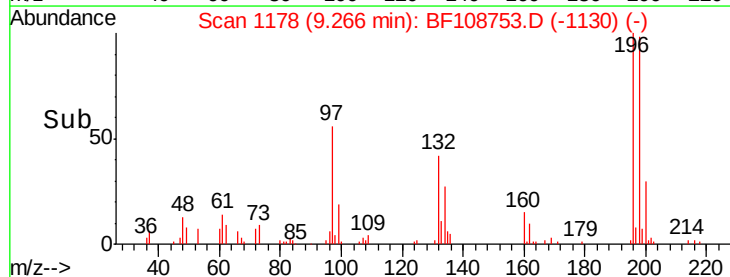
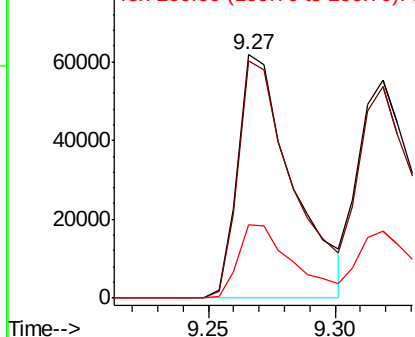


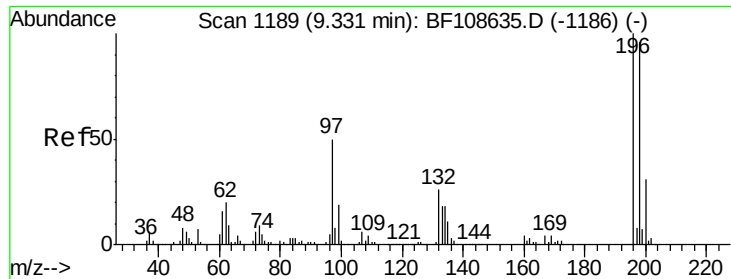
#42
 2,4,6-Trichlorophenol
 Concen: 35.760 ng
 RT: 9.27 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Tgt Ion:196 Resp: 92273
 Ion Ratio Lower Upper
 196 100
 198 97.6 75.7 113.5
 200 30.2 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

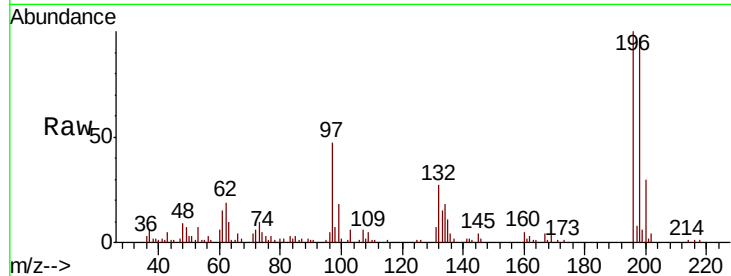




#43
2,4,5-Trichlorophenol
Concen: 37.113 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	96.7	74.6	112.0	
97	47.1	42.9	64.3	
132	27.3	26.3	39.5	



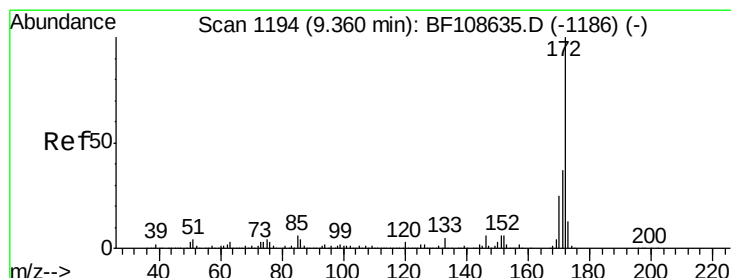
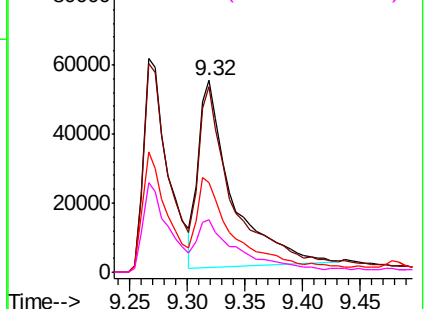
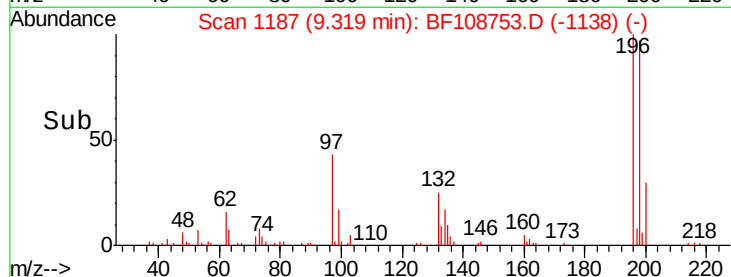
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

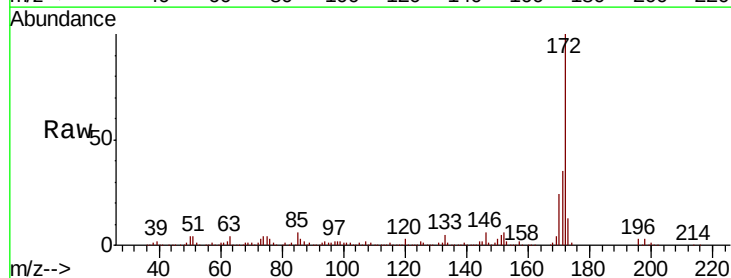
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 67.596 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.5	29.7	44.5	
170	23.7	19.6	29.4	

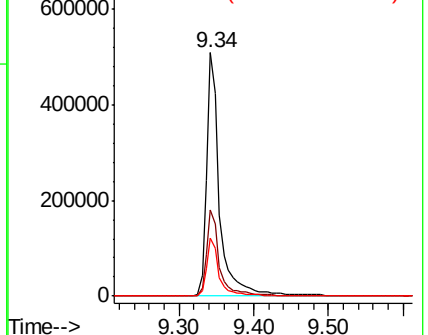
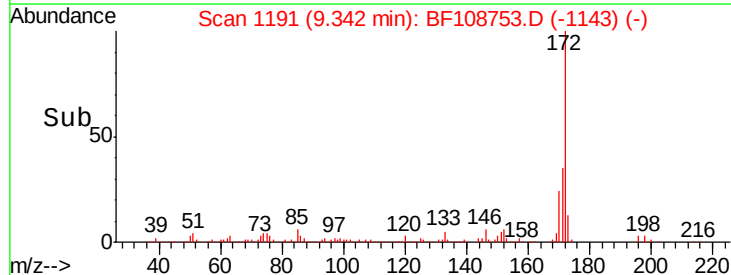


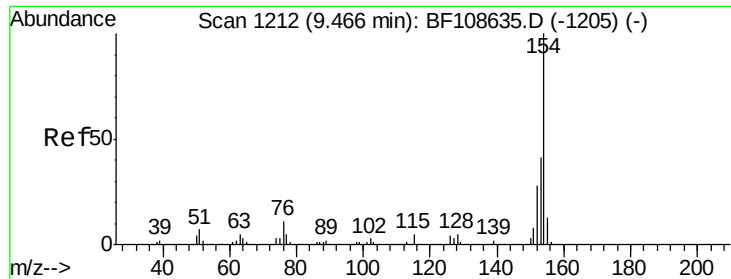
Abundance

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

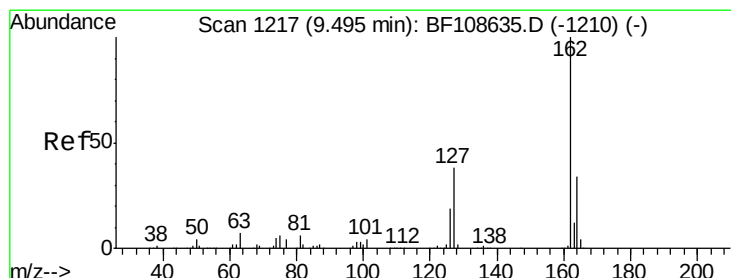
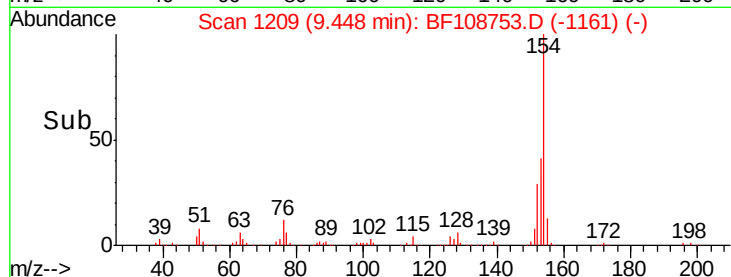
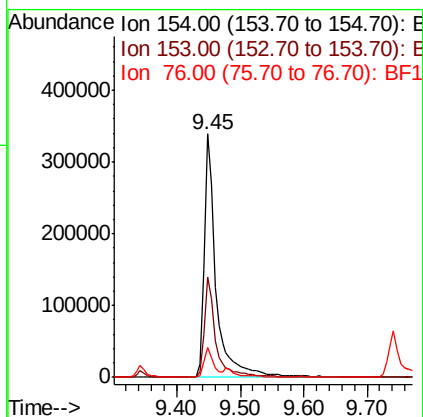
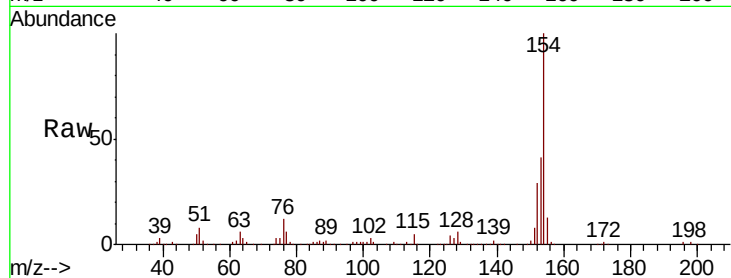




#45
 1,1'-Biphenyl
 Concen: 40.948 ng
 RT: 9.45 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

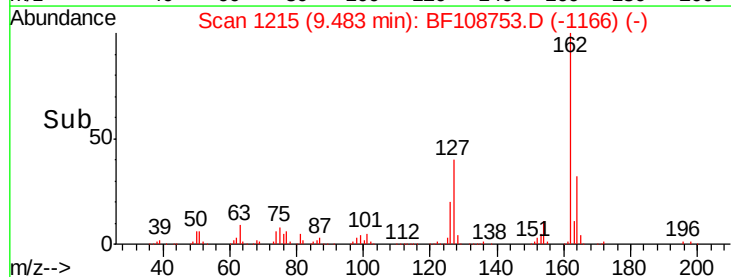
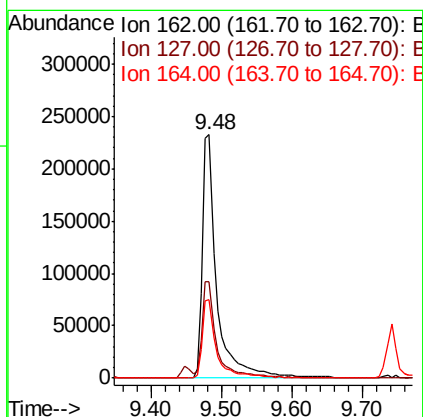
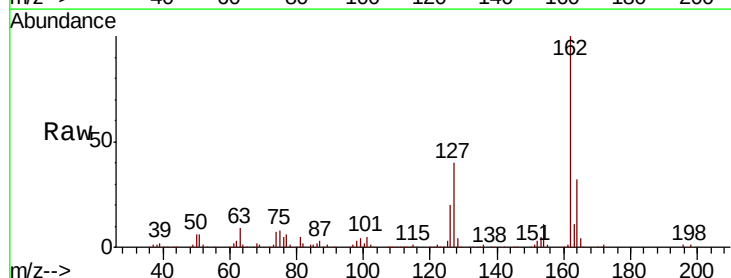
Instrument :
 BNA_F
 ClientSampleId :

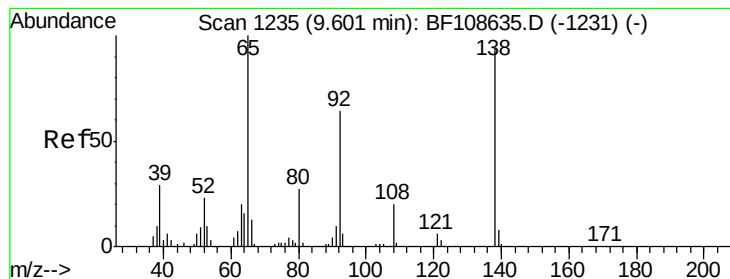
Tot Ion:154 Resp: 437539
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.3 61.3
 76 12.1 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 40.055 ng
 RT: 9.48 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Tgt Ion:162 Resp: 335065
 Ion Ratio Lower Upper
 162 100
 127 39.6 33.9 50.9
 164 32.5 26.5 39.7





#47

2-Nitroaniline

Concen: 41.081 ng

RT: 9.59 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Instrument :

BNA_F

ClientSampleId :

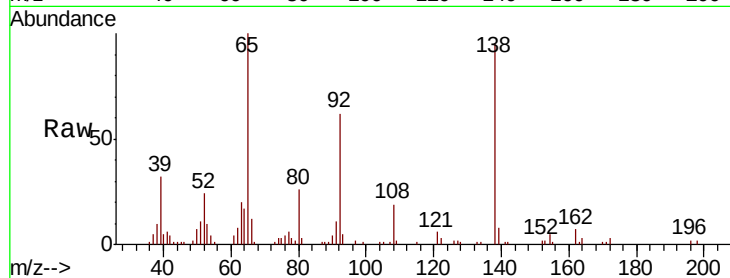
Tot Ion: 65 Resp: 114935

Ion Ratio Lower Upper

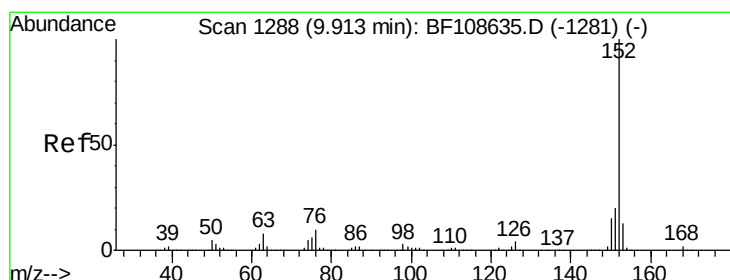
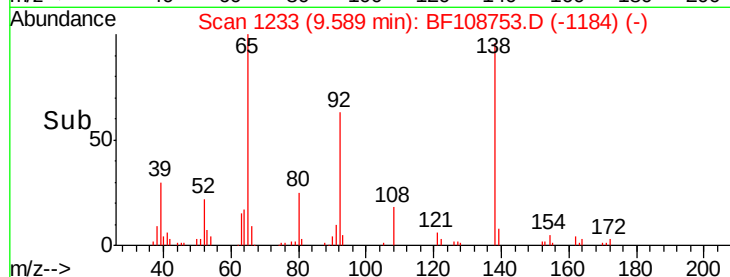
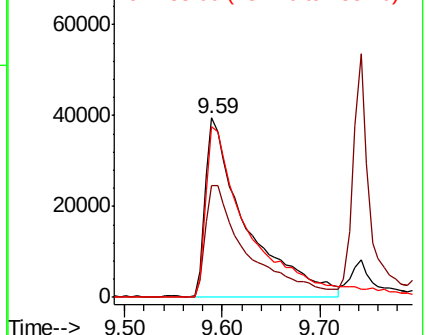
65 100

92 62.4 55.8 83.6

138 95.2 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: 42.664 ng

RT: 9.90 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

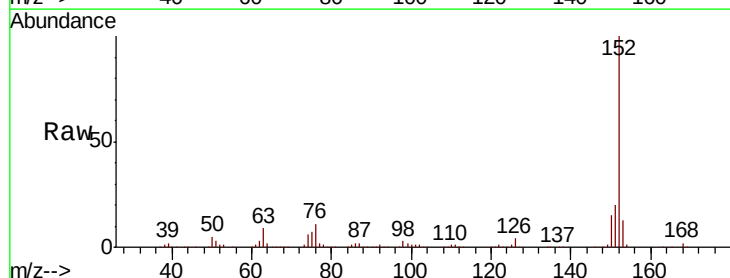
Tgt Ion: 152 Resp: 522499

Ion Ratio Lower Upper

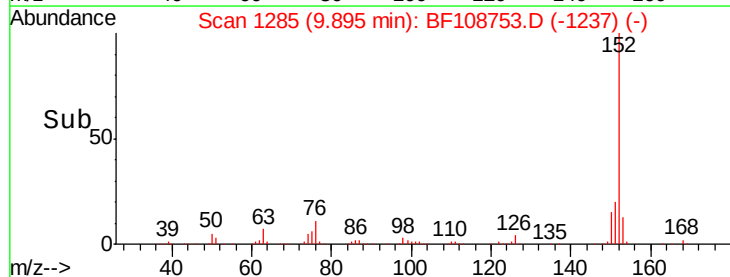
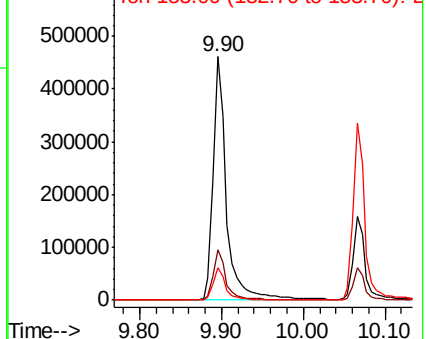
152 100

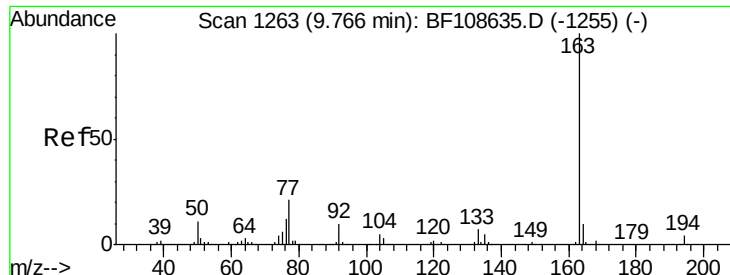
151 20.4 16.3 24.5

153 13.3 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: 56.385 ng

RT: 9.74 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Instrument :

BNA_F

ClientSampleId :

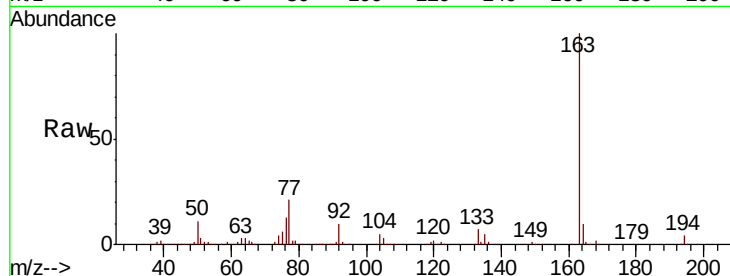
Tot Ion:163 Resp: 544964

Ion Ratio Lower Upper

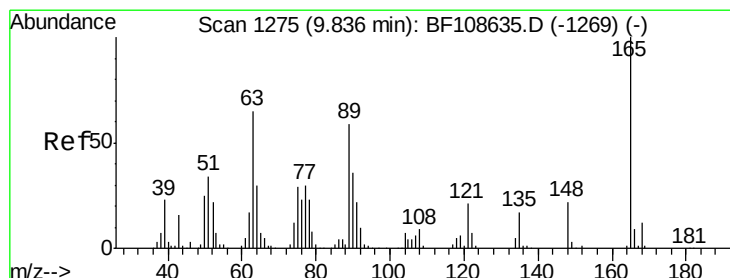
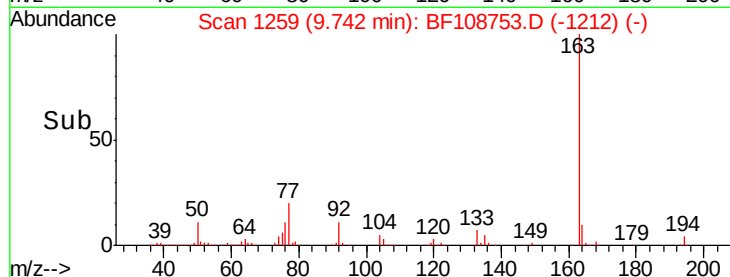
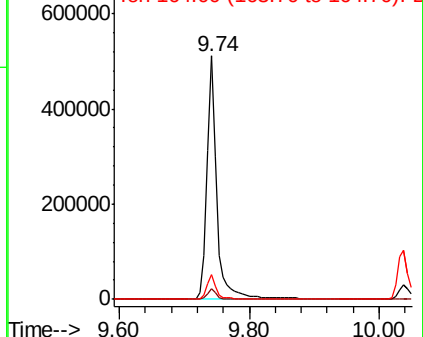
163 100

194 4.3 2.7 4.1#

164 10.2 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: 35.352 ng

RT: 9.82 min Scan# 1272

Delta R.T. -0.02 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

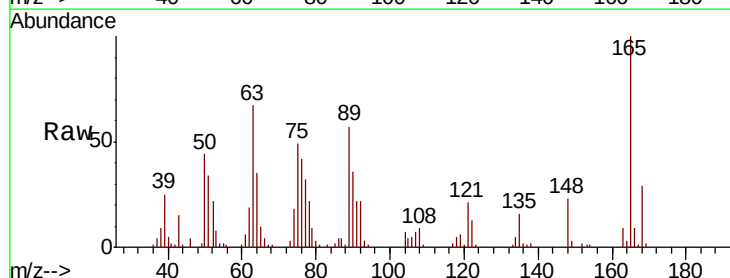
Tgt Ion:165 Resp: 75314

Ion Ratio Lower Upper

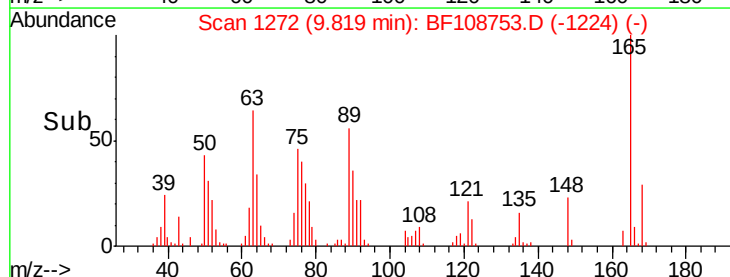
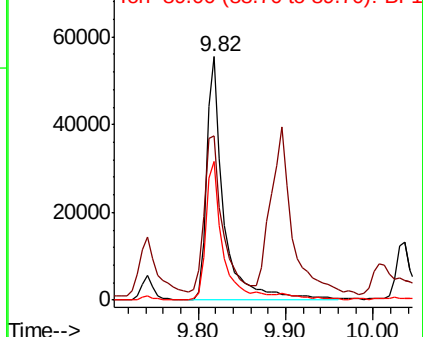
165 100

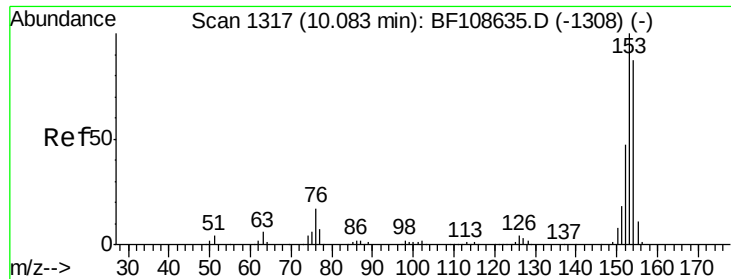
63 67.4 44.7 67.1#

89 57.0 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: 41.332 ng

RT: 10.07 min Scan# 1314

Delta R.T. -0.02 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Instrument :

BNA_F

ClientSampleId :

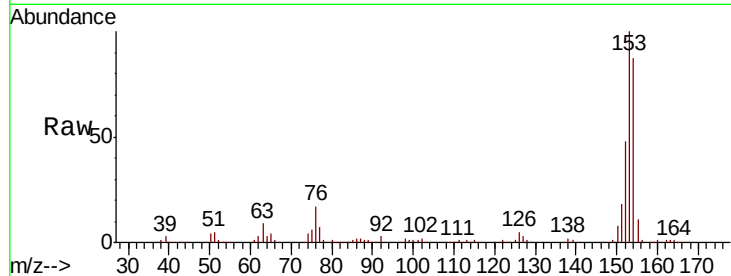
Tot Ion:154 Resp: 302650

Ion Ratio Lower Upper

154 100

153 114.3 91.2 136.8

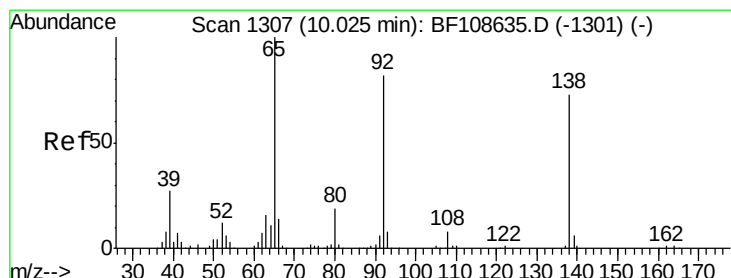
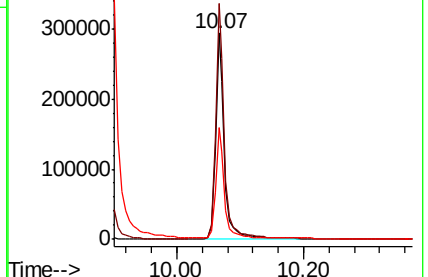
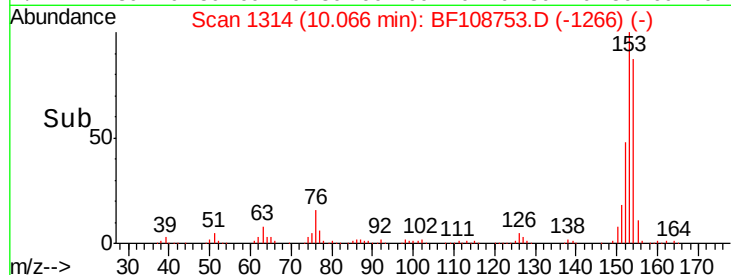
152 54.3 43.8 65.8



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: 43.353 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

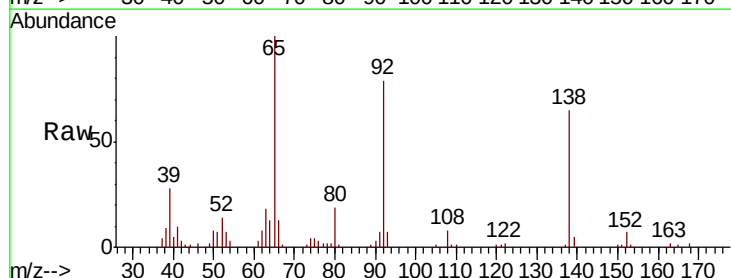
Tgt Ion:138 Resp: 99914

Ion Ratio Lower Upper

138 100

108 12.3 9.4 14.0

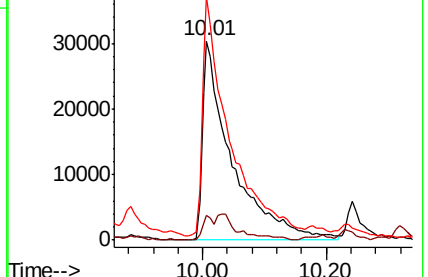
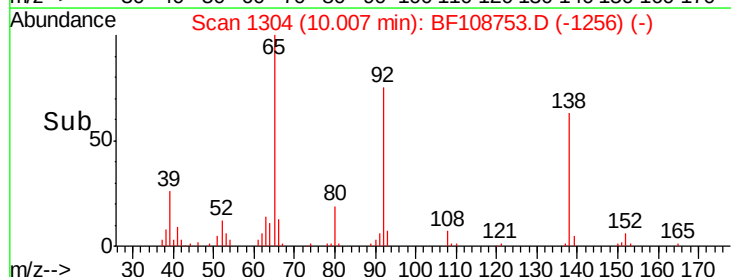
92 122.3 89.4 134.2

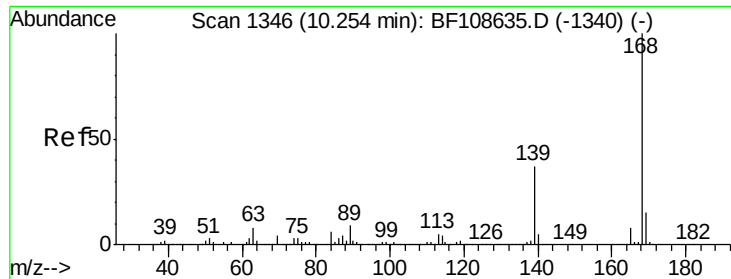


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

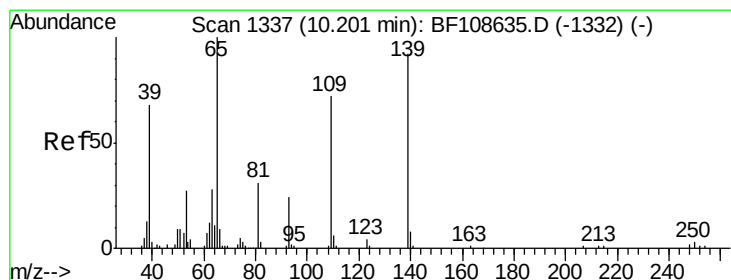
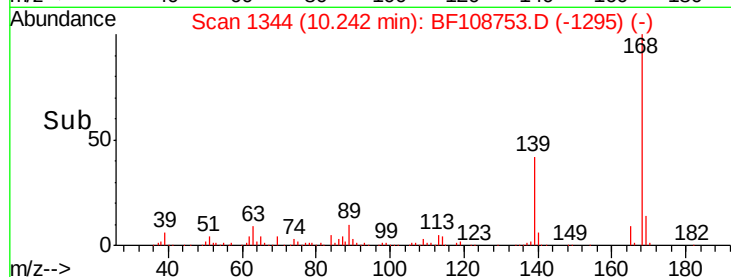
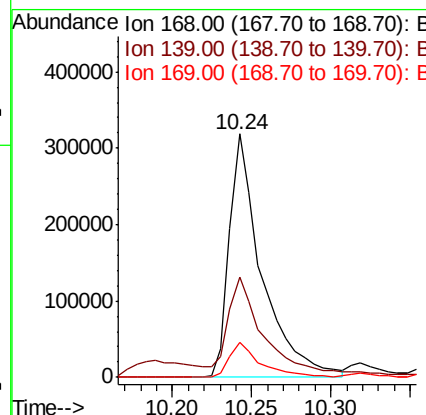
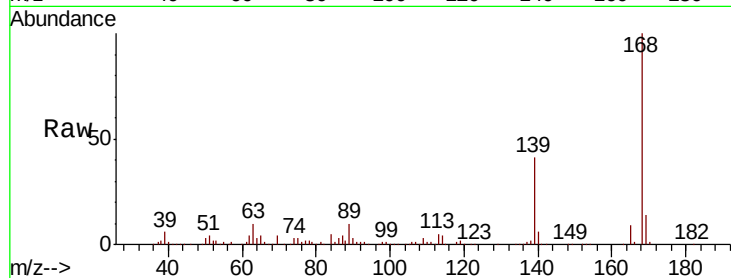




#54
Dibenzenofuran
Concen: 39.590 ng
RT: 10.24 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

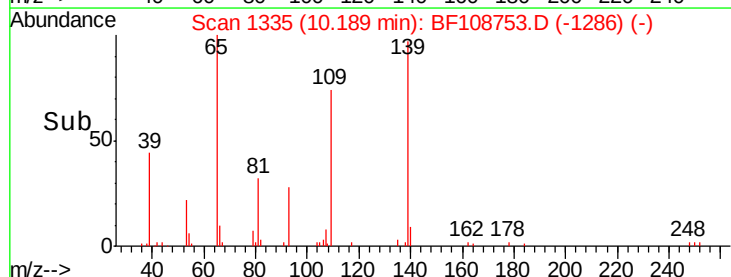
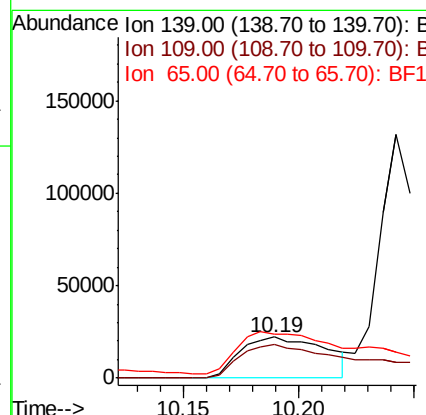
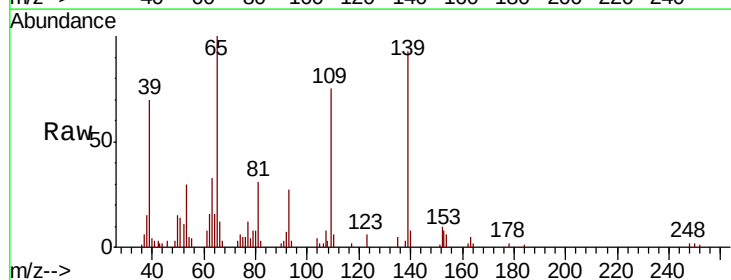
Instrument :
BNA_F
ClientSampleId :

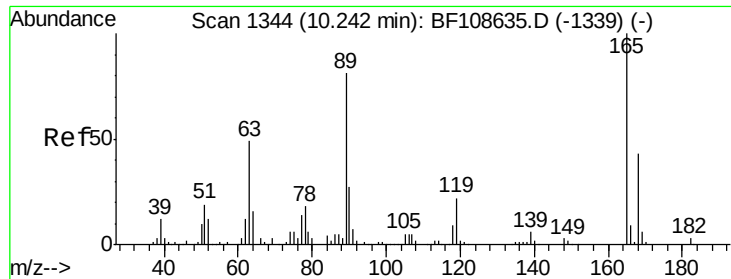
Tot Ion:168 Resp: 453620
Ion Ratio Lower Upper
168 100
139 41.3 30.1 45.1
169 14.2 10.9 16.3



#55
4-Nitrophenol
Concen: 41.258 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion:139 Resp: 57059
Ion Ratio Lower Upper
139 100
109 80.9 48.4 88.4
65 107.7 72.6 112.6

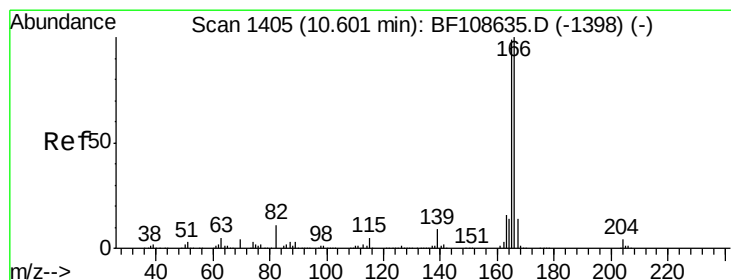
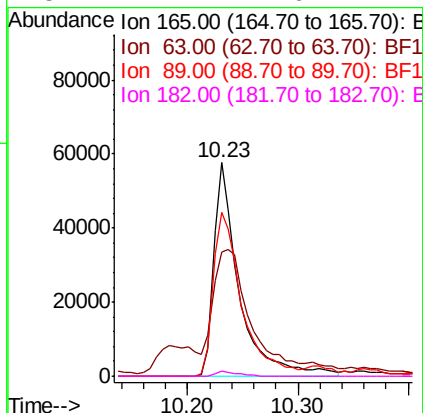
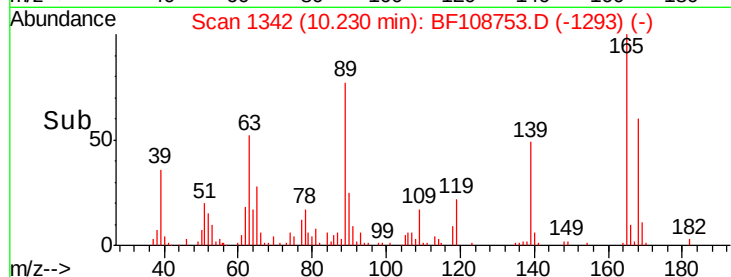
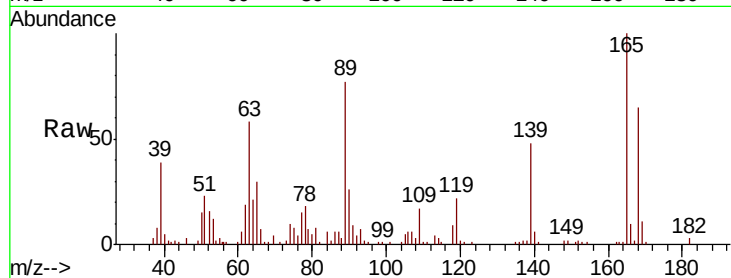




#56
2,4-Dinitrotoluene
Concen: 32.513 ng
RT: 10.23 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

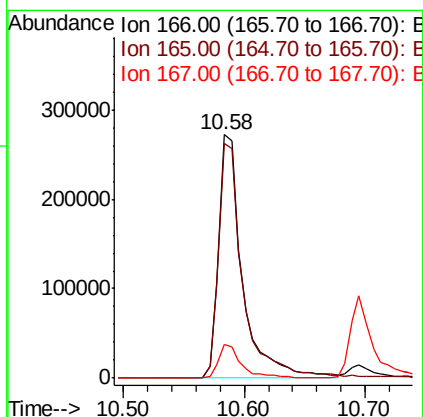
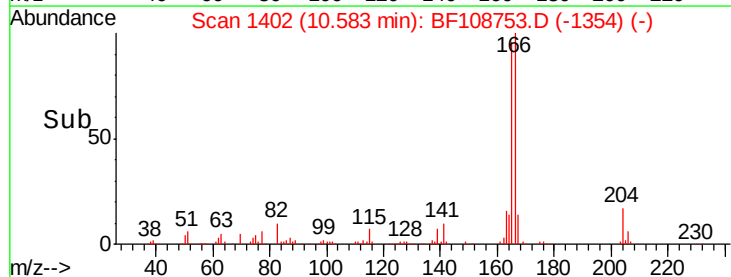
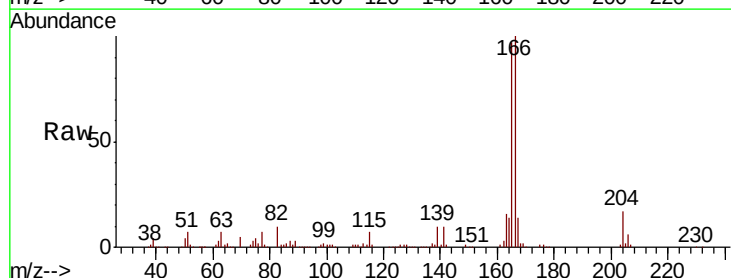
Instrument :
BNA_F
ClientSampled :

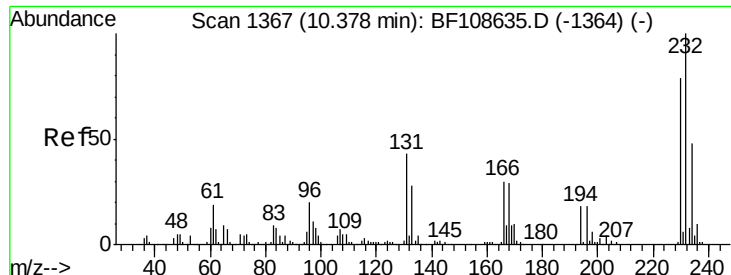
Tot Ion	Ratio	Lower	Upper
165	100		
63	58.3	36.4	54.6#
89	77.0	57.8	86.6
182	2.7	1.6	2.4#



#57
Fluorene
Concen: 42.014 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.5	79.8	119.8
167	13.8	10.6	16.0





#58

2,3,4,6-Tetrachlorophenol

Concen: 42.219 ng

RT: 10.36 min Scan# 1364

Delta R.T. -0.02 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 113808

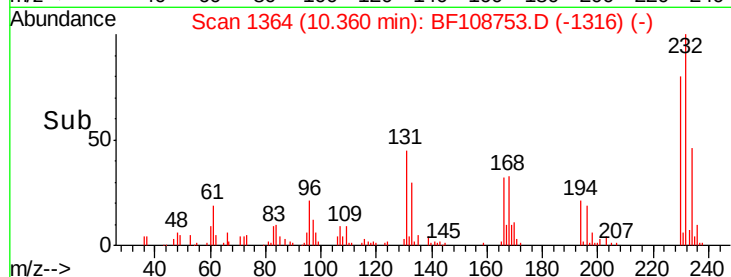
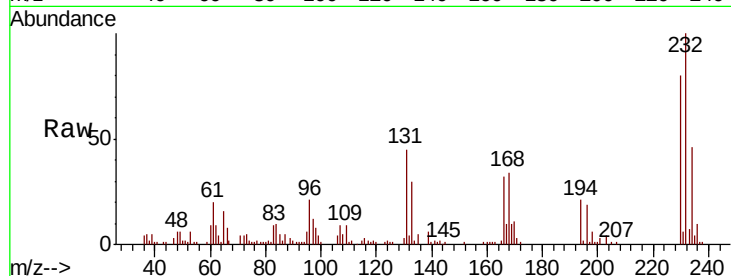
Ion Ratio Lower Upper

232 100

131 33.5 43.8 65.8#

130 1.9 2.1 3.1#

166 27.4 27.8 41.6#

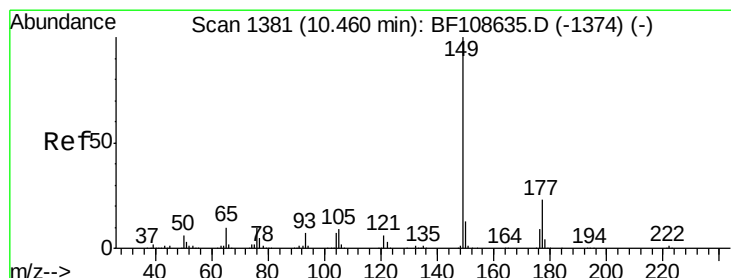
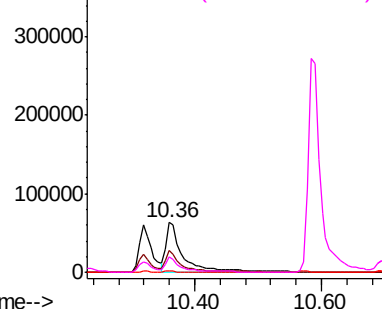


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 39.986 ng

RT: 10.44 min Scan# 1378

Delta R.T. -0.02 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

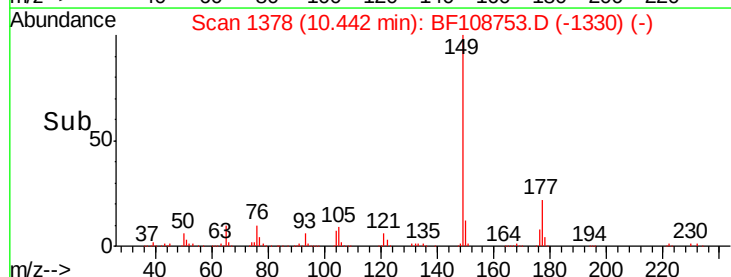
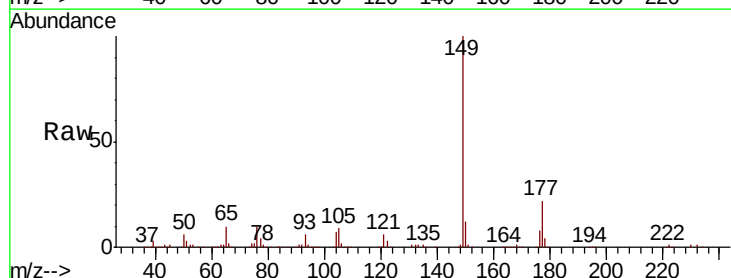
Tgt Ion:149 Resp: 389365

Ion Ratio Lower Upper

149 100

177 22.3 16.1 24.1

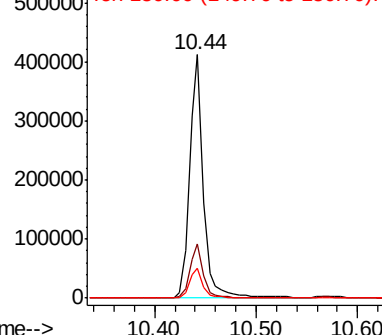
150 12.1 10.1 15.1

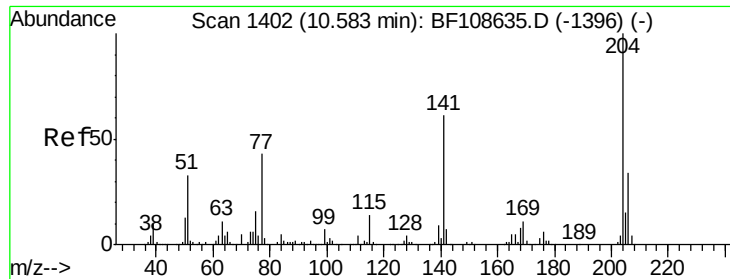


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

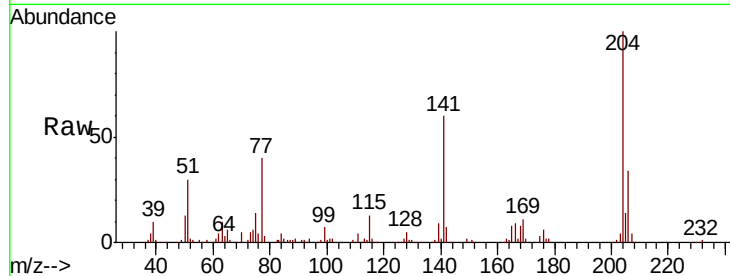




#60
4-Chlorophenyl-phenylether
Concen: 38.017 ng
RT: 10.57 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.5	39.7
141	59.7	54.6	81.8

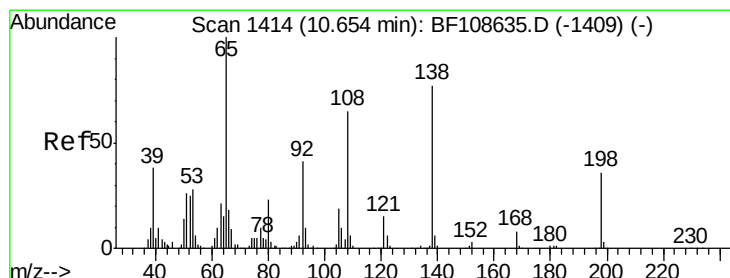
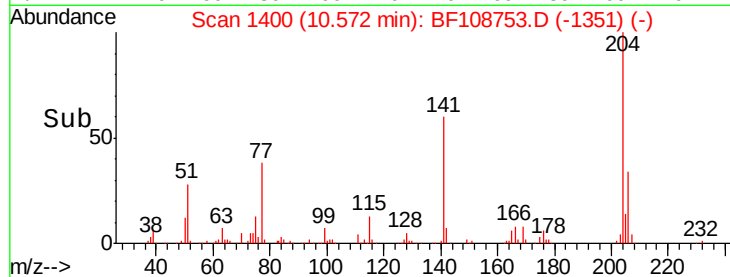
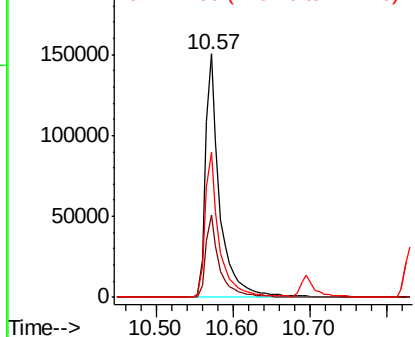


Abundance

Ion 204.00 (203.70 to 204.70): E

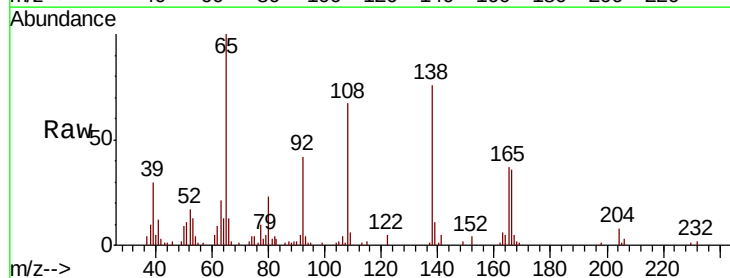
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61
4-Nitroaniline
Concen: 40.087 ng
RT: 10.64 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.6	30.2	70.2
108	87.6	52.5	92.5

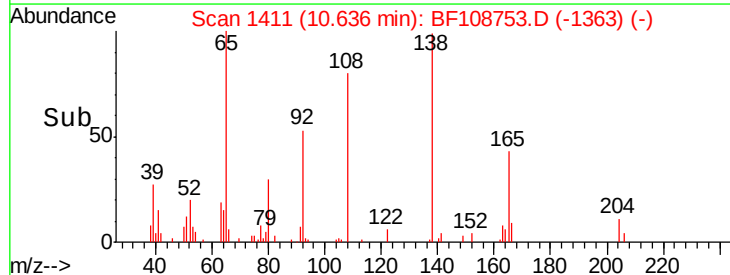
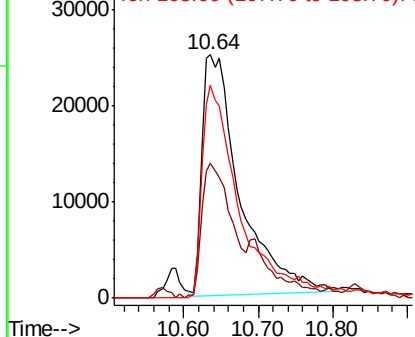


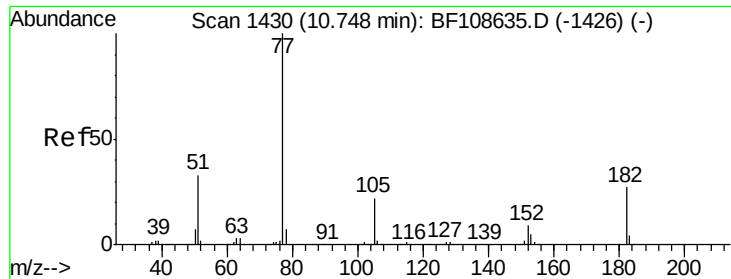
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 38.713 ng

RT: 10.73 min Scan# 1427

Delta R.T. -0.02 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 374693

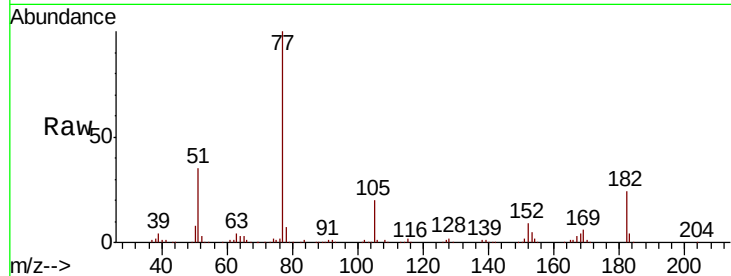
Ion Ratio Lower Upper

77 100

182 23.8 1.7 41.7

105 20.0 3.0 43.0

51 34.5 9.9 49.9

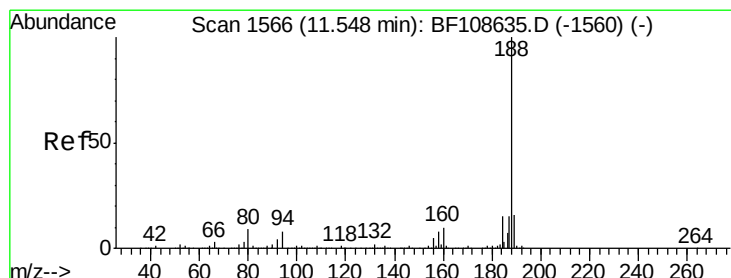
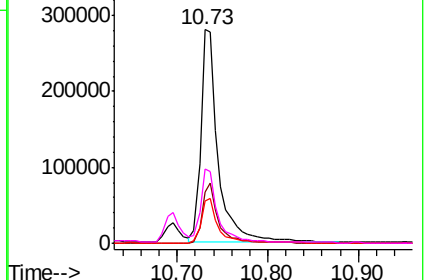
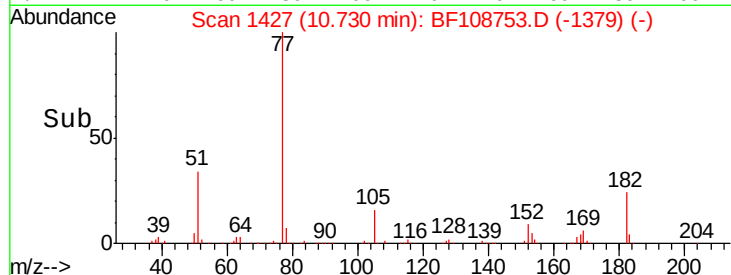


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.53 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

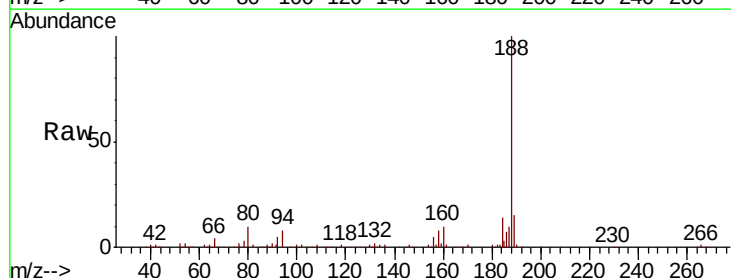
Tgt Ion: 188 Resp: 258219

Ion Ratio Lower Upper

188 100

94 8.5 8.5 12.7

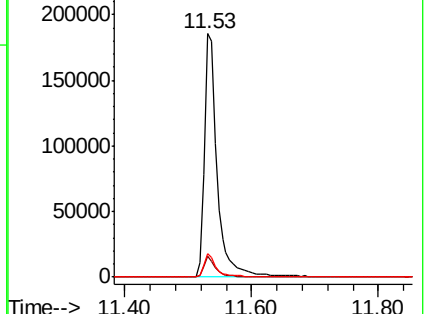
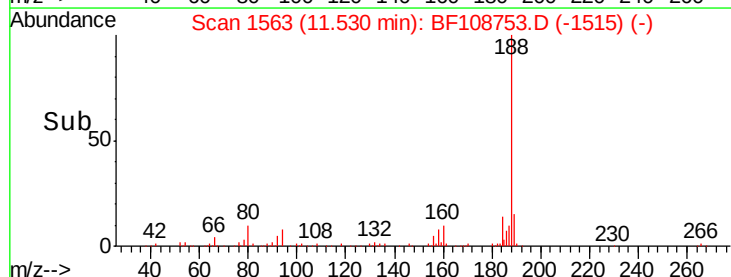
80 9.5 9.2 13.8

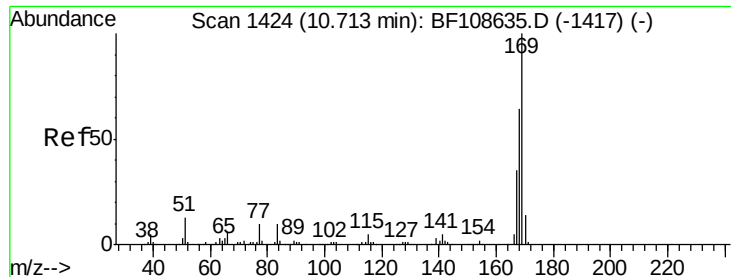


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

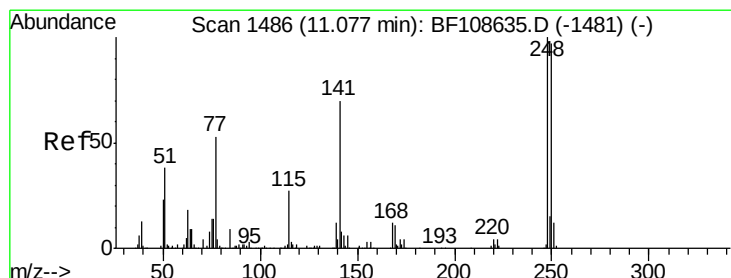
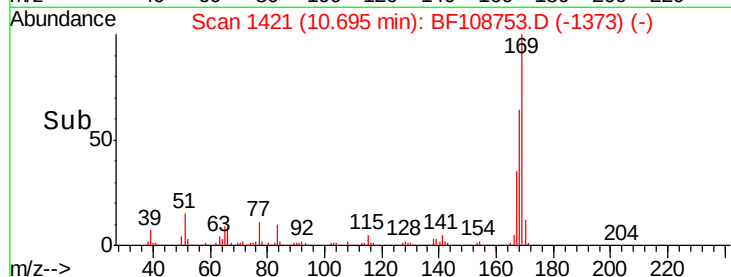
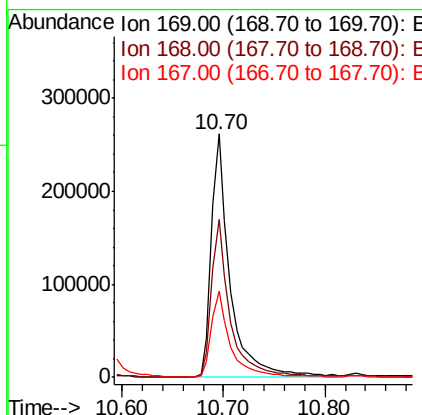
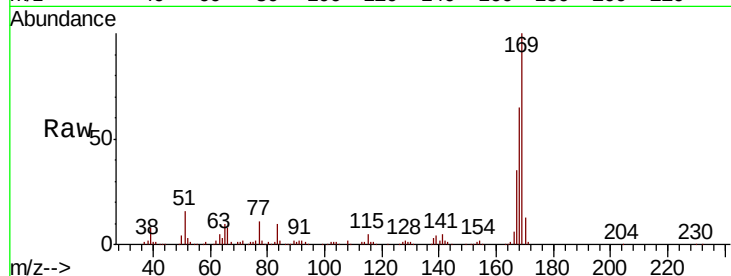




#65
 n-Nitrosodiphenylamine
 Concen: 39.506 ng
 RT: 10.70 min Scan# 1421
 Delta R.T. -0.02 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

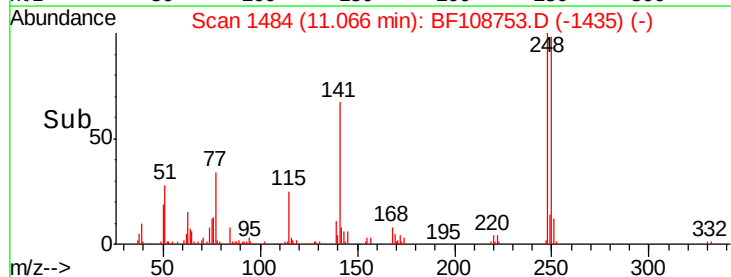
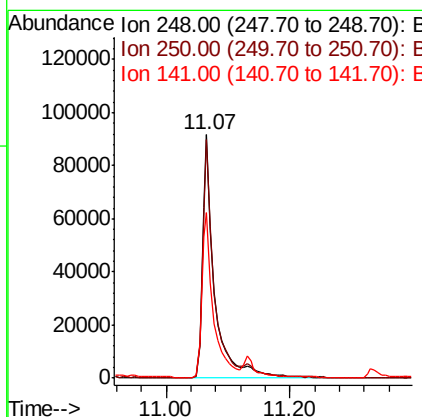
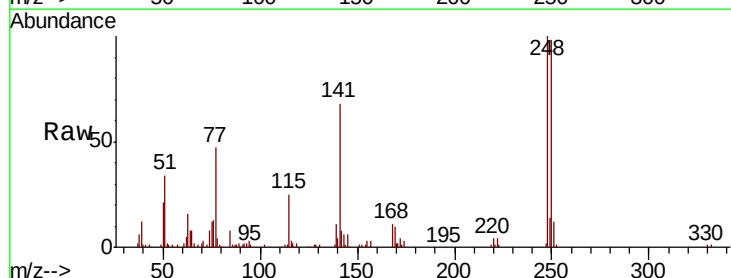
Instrument :
 BNA_F
 ClientSampleId :

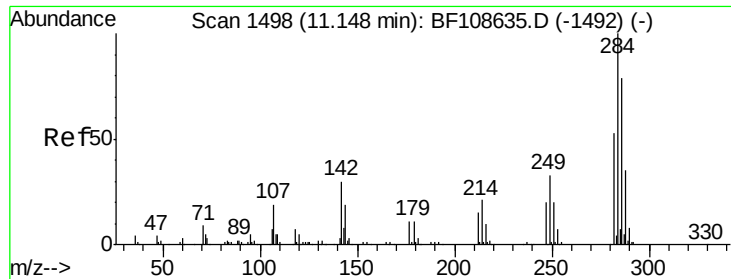
Tot Ion:169 Resp: 338922
 Ion Ratio Lower Upper
 169 100
 168 65.1 54.4 81.6
 167 35.4 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 39.906 ng
 RT: 11.07 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Tgt Ion:248 Resp: 126646
 Ion Ratio Lower Upper
 248 100
 250 97.9 76.9 115.3
 141 68.0 74.4 111.6#





#67

Hexachlorobenzene

Concen: 37.850 ng

RT: 11.13 min Scan# 1495

Delta R.T. -0.02 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Instrument :

BNA_F

ClientSampleId :

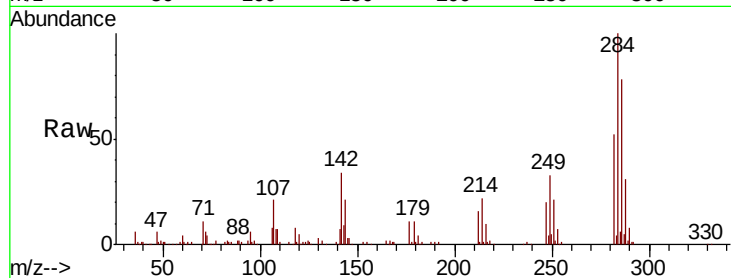
Tot Ion:284 Resp: 129411

Ion Ratio Lower Upper

284 100

142 33.6 34.6 52.0#

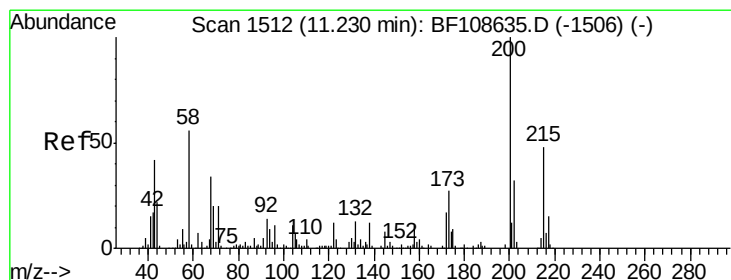
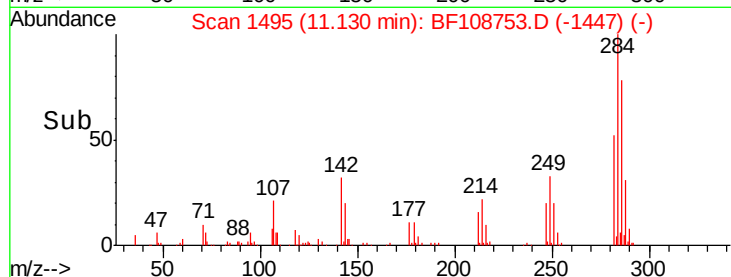
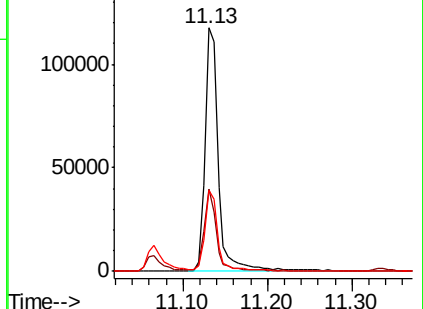
249 33.3 24.8 37.2



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: 45.497 ng

RT: 11.21 min Scan# 1509

Delta R.T. -0.02 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

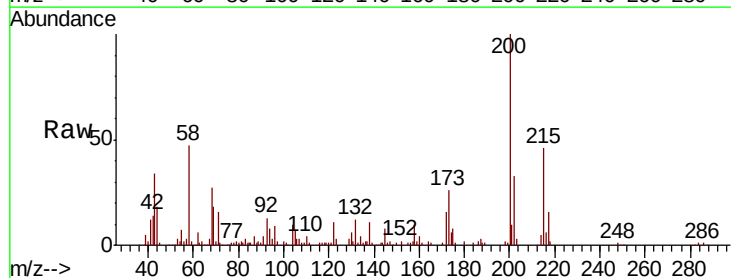
Tgt Ion:200 Resp: 107513

Ion Ratio Lower Upper

200 100

173 25.7 8.6 48.6

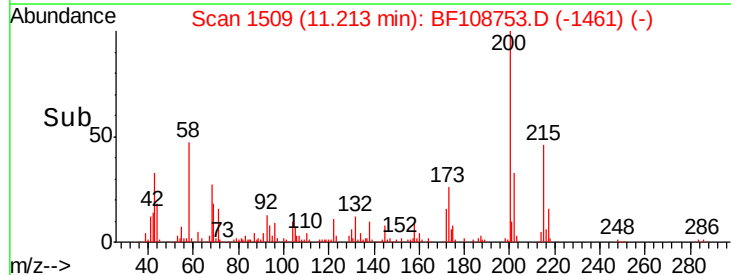
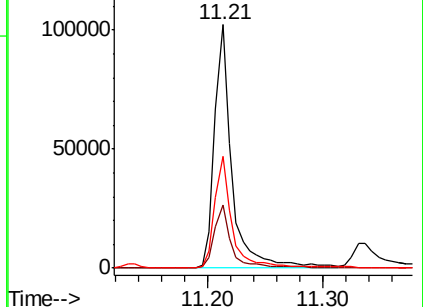
215 45.7 25.1 65.1

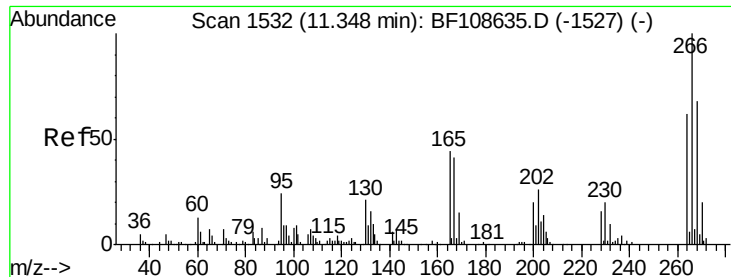


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 53.563 ng

RT: 11.34 min Scan# 1530

Delta R.T. -0.01 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Instrument :

BNA_F

ClientSampleId :

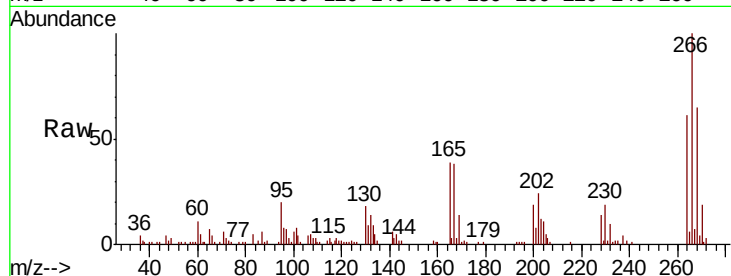
Tot Ion:266 Resp: 97313

Ion Ratio Lower Upper

266 100

268 64.8 51.1 76.7

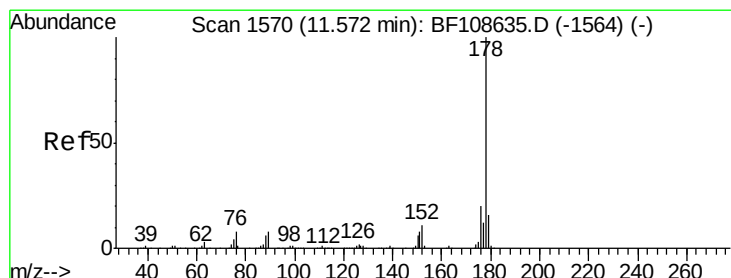
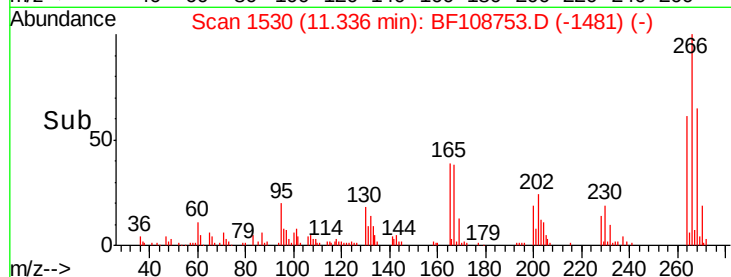
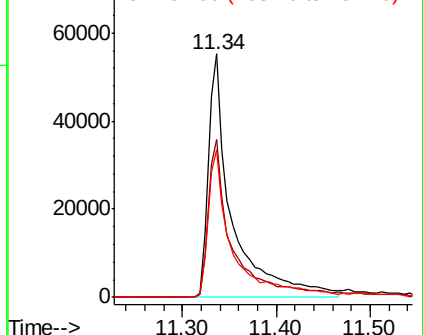
264 60.8 49.5 74.3



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: 40.166 ng

RT: 11.55 min Scan# 1567

Delta R.T. -0.02 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

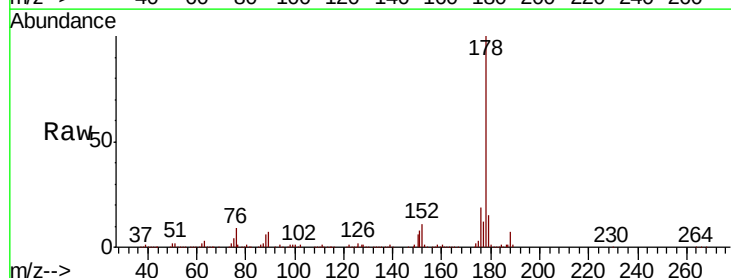
Tgt Ion:178 Resp: 523509

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

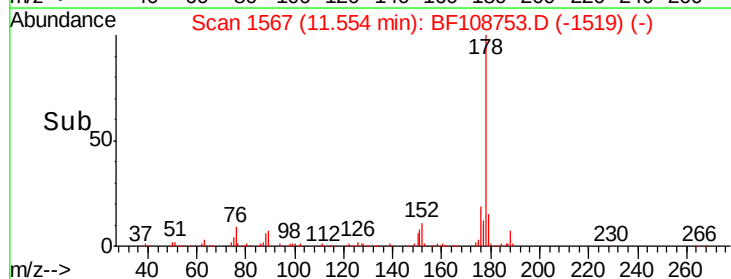
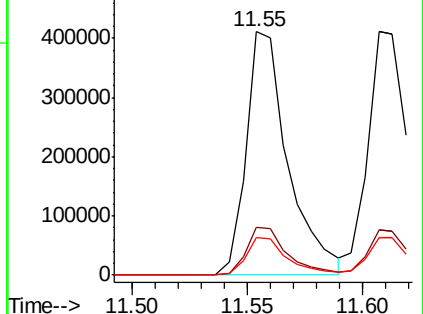
179 15.4 13.0 19.6

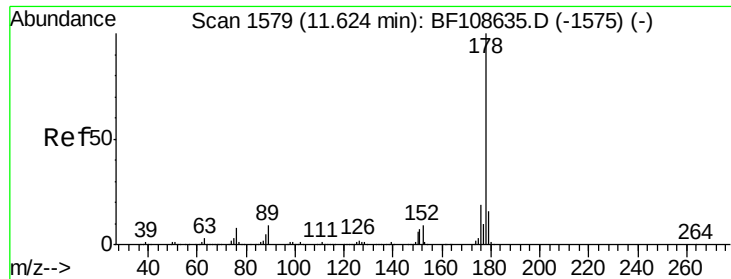


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

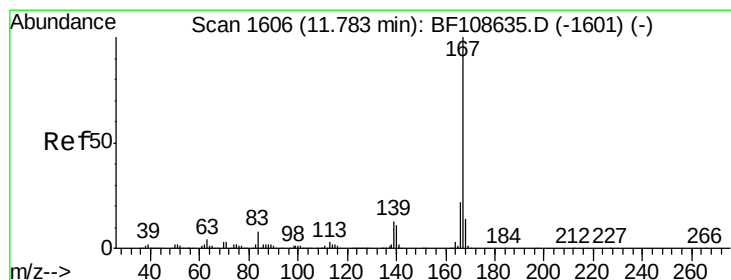
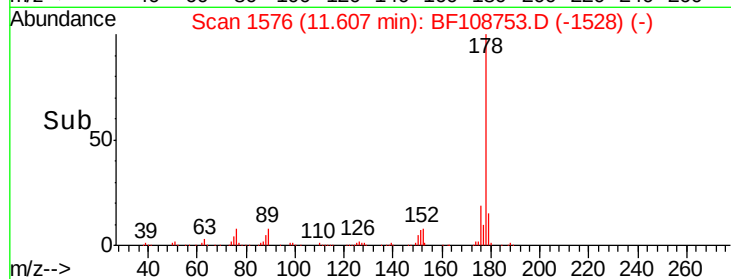
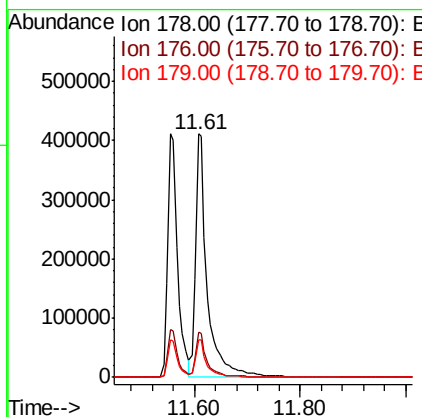
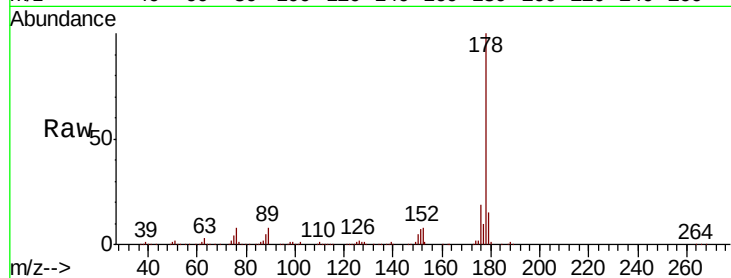




#71
 Anthracene
 Concen: 46.752 ng
 RT: 11.61 min Scan# 1576
 Delta R.T. -0.02 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

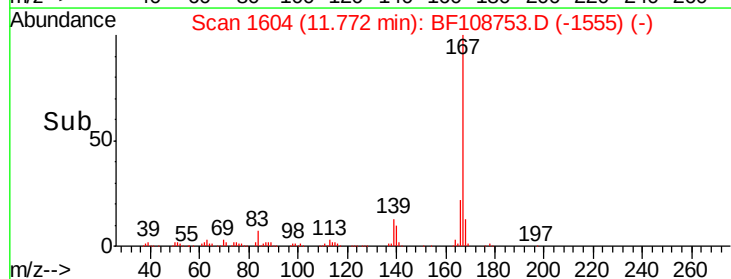
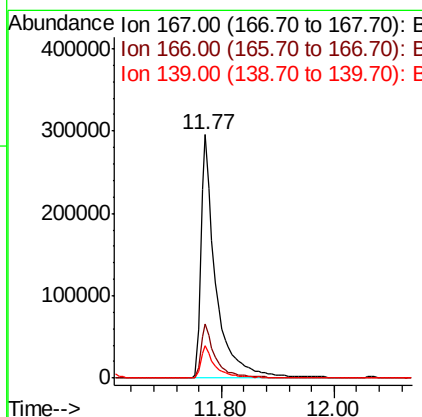
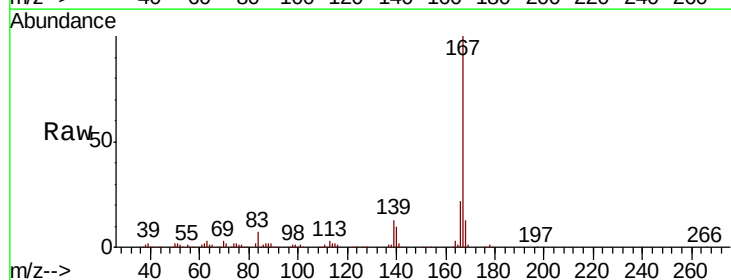
Instrument :
 BNA_F
 ClientSampleId :

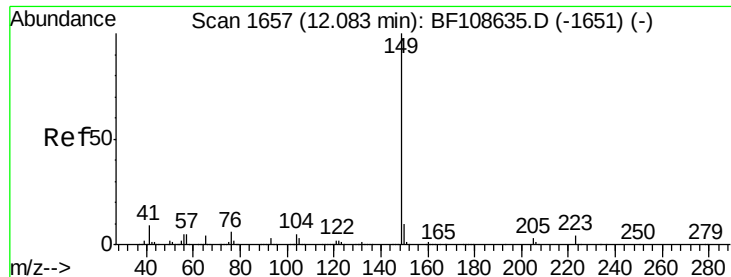
Tot Ion:178 Resp: 640260
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 40.894 ng
 RT: 11.77 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Tgt Ion:167 Resp: 541515
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.5 10.9 16.3

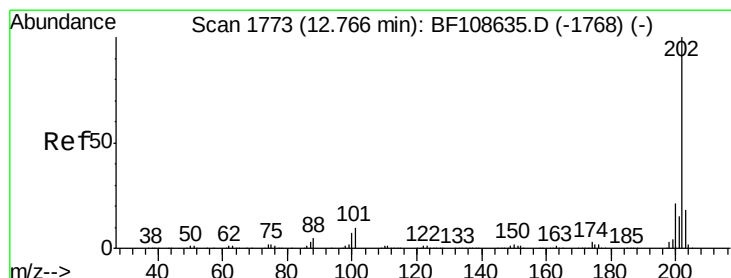
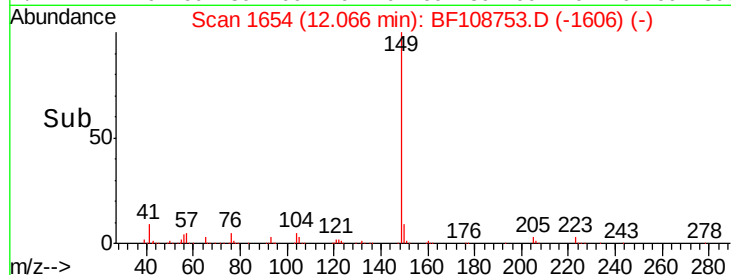
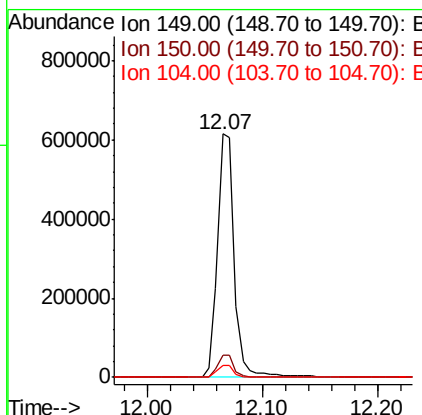
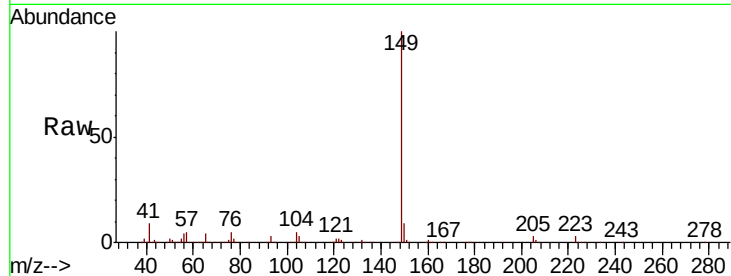




#73
Di-n-butylphthalate
Concen: 41.018 ng
RT: 12.07 min Scan# 1654
Delta R.T. -0.02 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

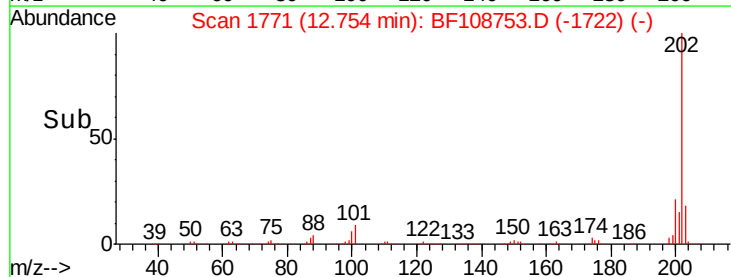
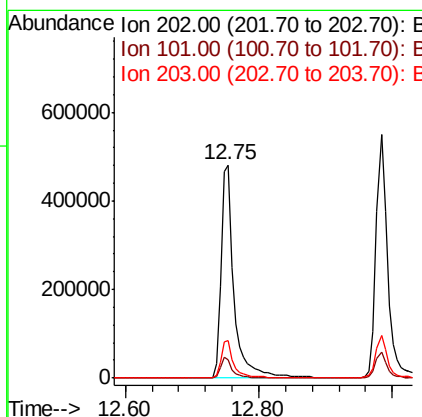
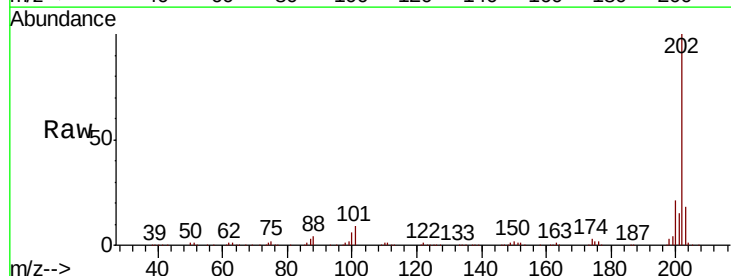
Instrument :
BNA_F
ClientSampleId :

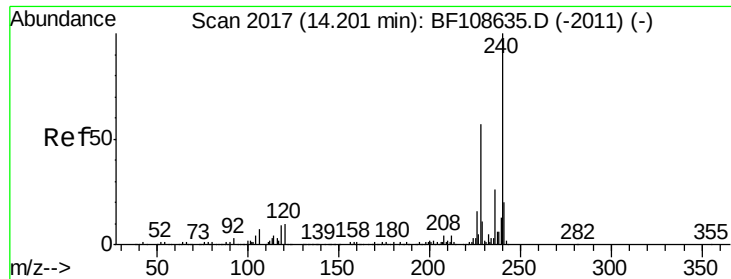
Tot Ion:149 Resp: 624925
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 5.0 3.8 5.8



#74
Fluoranthene
Concen: 45.095 ng
RT: 12.75 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion:202 Resp: 661577
Ion Ratio Lower Upper
202 100
101 8.6 0.0 34.1
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Instrument :

BNA_F

ClientSampleId :

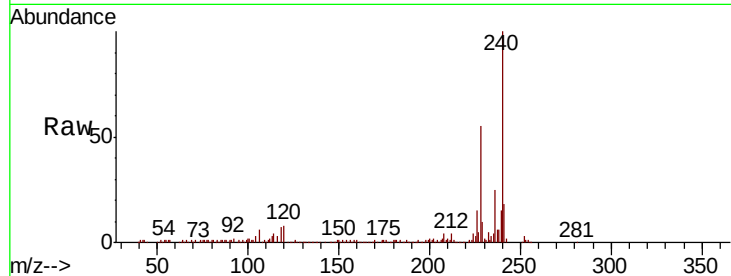
Tot Ion:240 Resp: 196550

Ion Ratio Lower Upper

240 100

120 8.1 9.5 14.3#

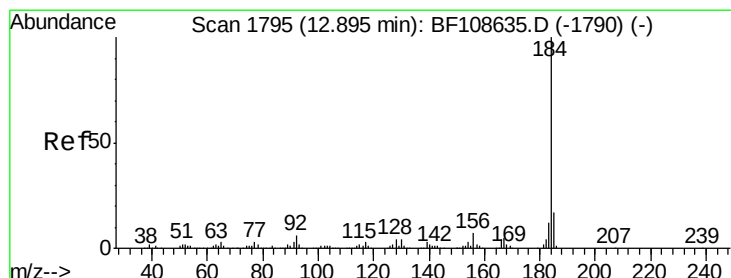
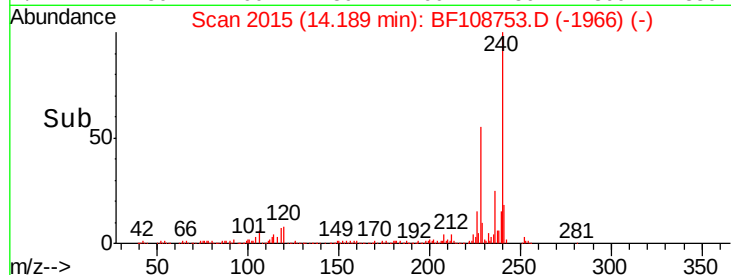
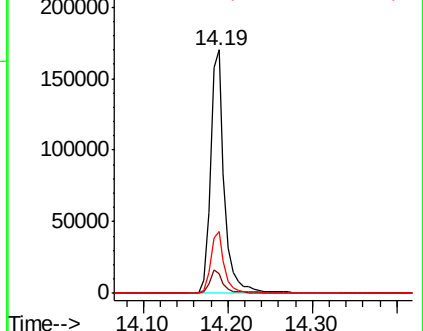
236 25.4 20.7 31.1



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: 88.102 ng

RT: 12.88 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

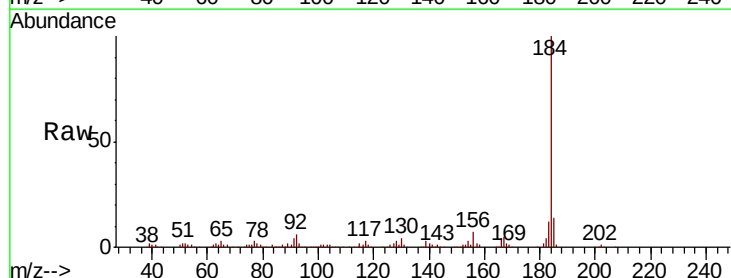
Tgt Ion:184 Resp: 487435

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

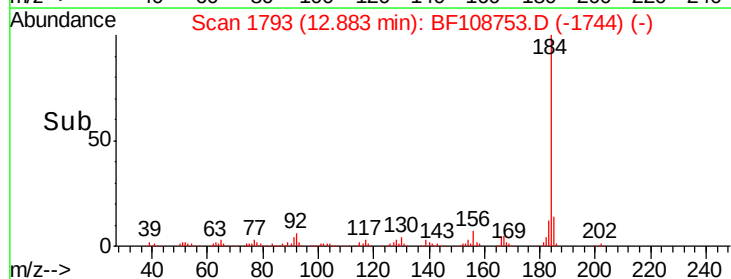
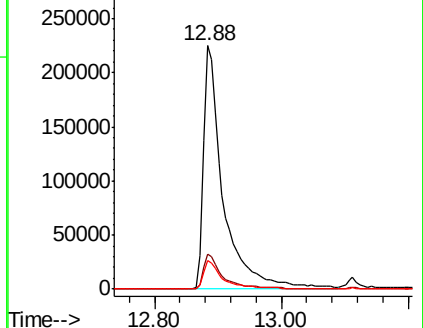
183 12.0 9.3 13.9

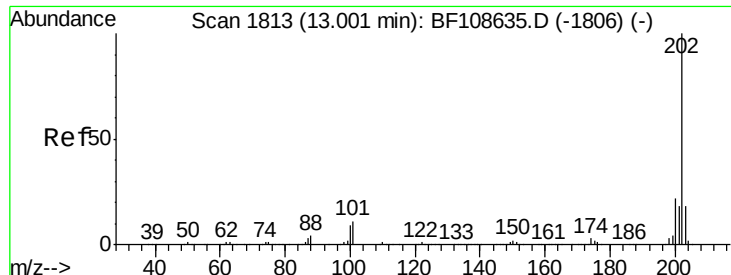


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

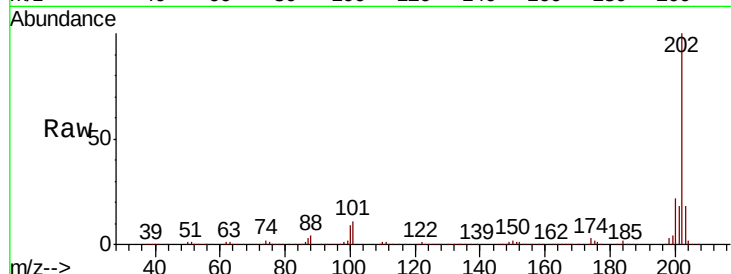




#77
Pvrene
Concen: 43.297 ng
RT: 12.98 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.7	14.3	21.5

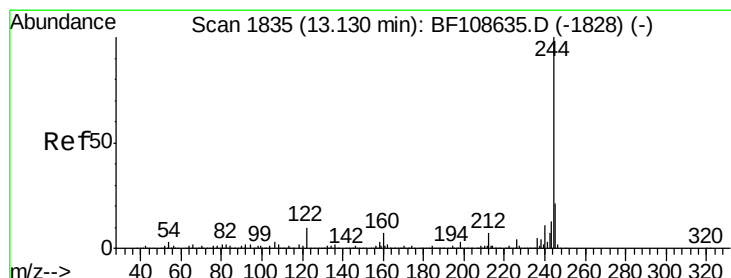
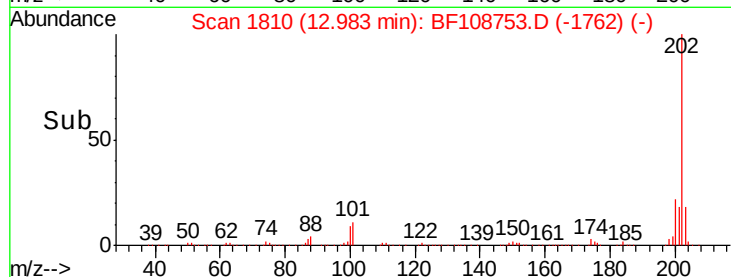
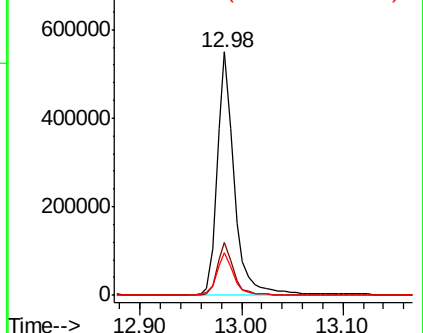


Abundance

Ion 202.00 (201.70 to 202.70): E

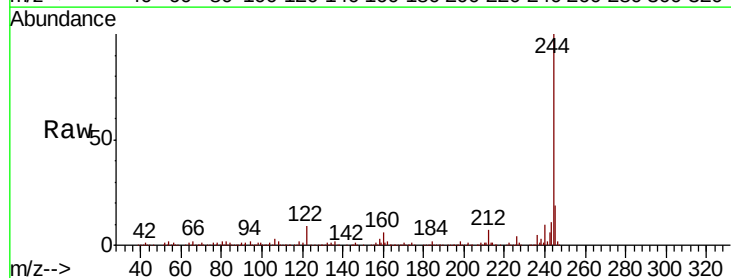
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 75.882 ng
RT: 13.11 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	8.9	11.0	16.4

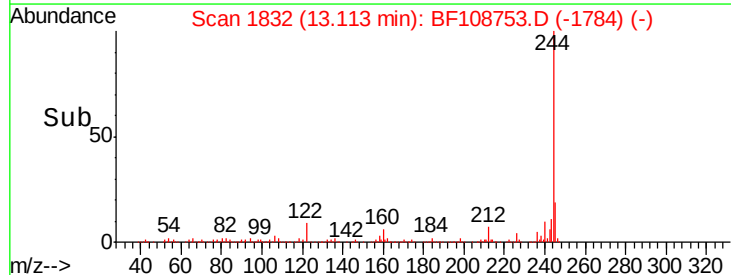
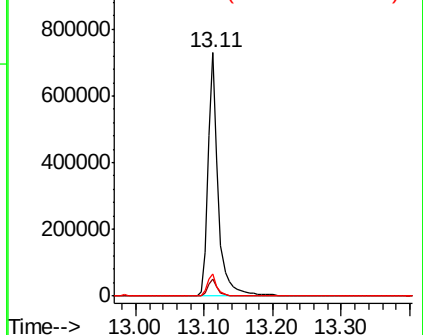


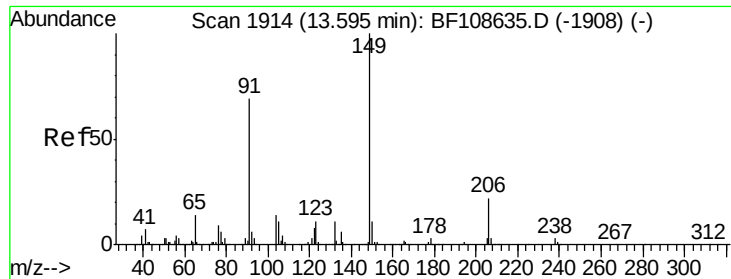
Abundance

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

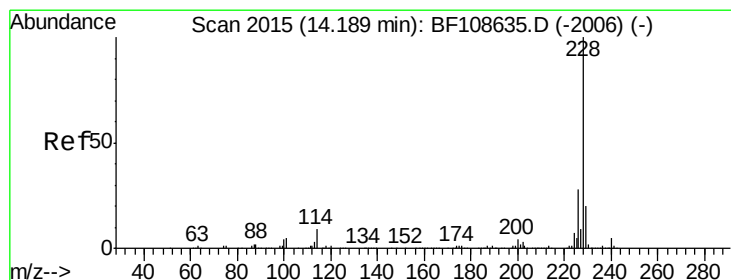
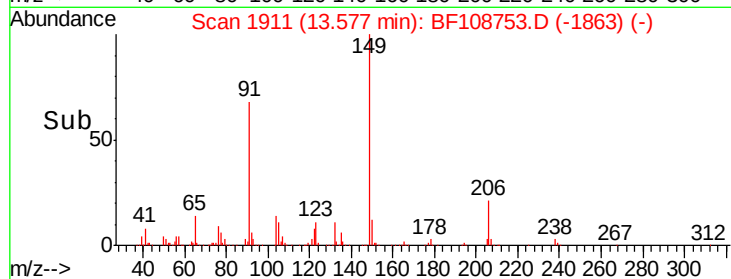
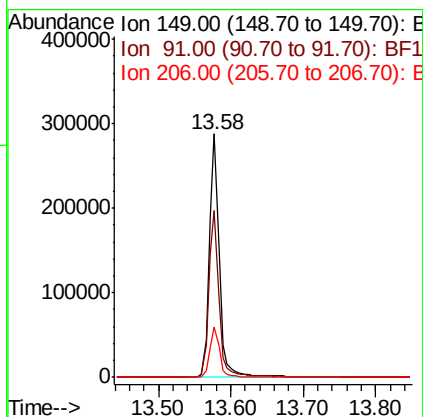
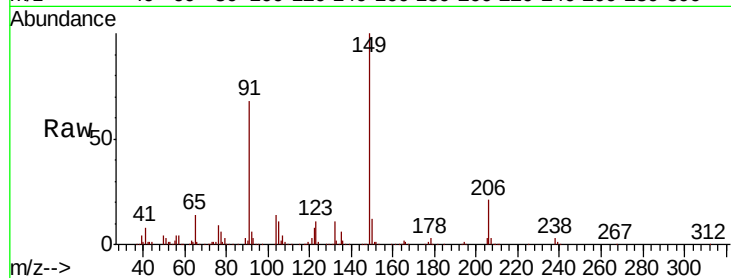




#79
Butylbenzylphthalate
Concen: 44.430 ng
RT: 13.58 min Scan# 1911
Delta R.T. -0.02 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

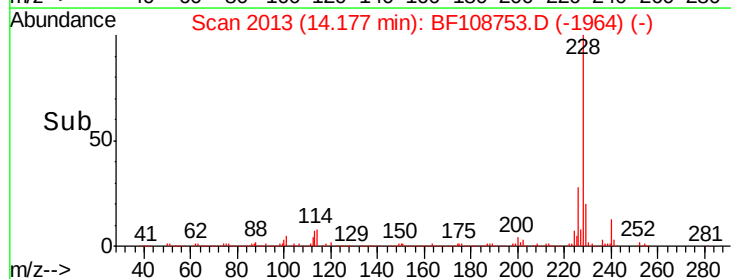
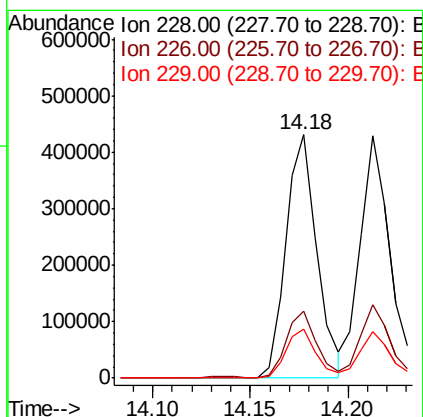
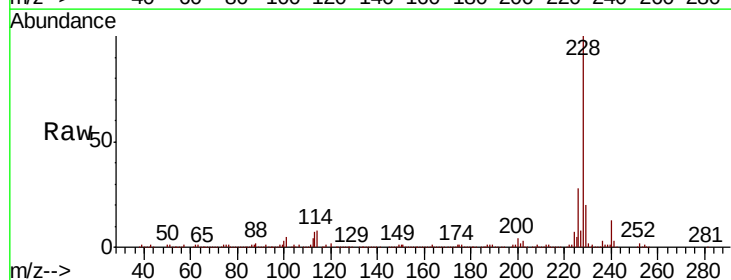
Instrument :
BNA_F
ClientSampleId :

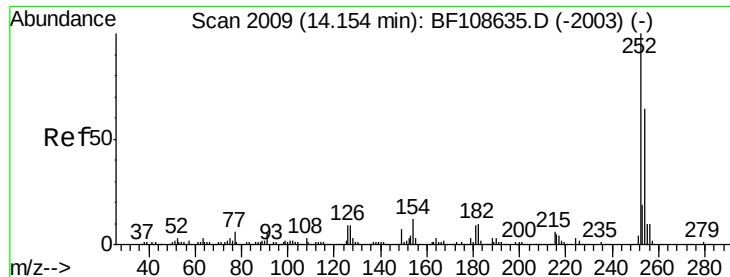
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.4	56.8	85.2
206	20.8	14.1	21.1



#80
Benzo(a)anthracene
Concen: 39.446 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.0	15.8	23.6

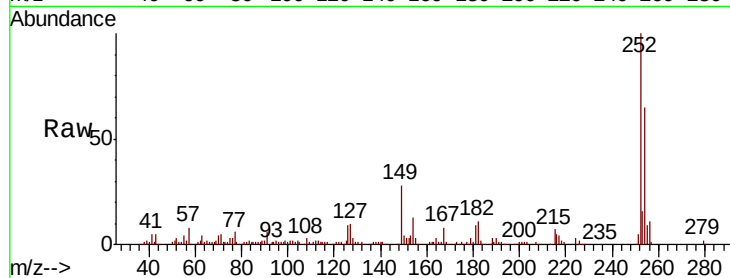




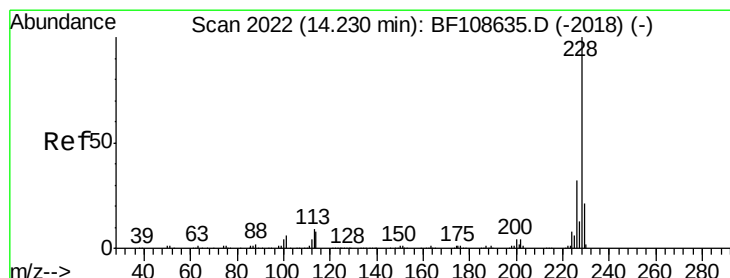
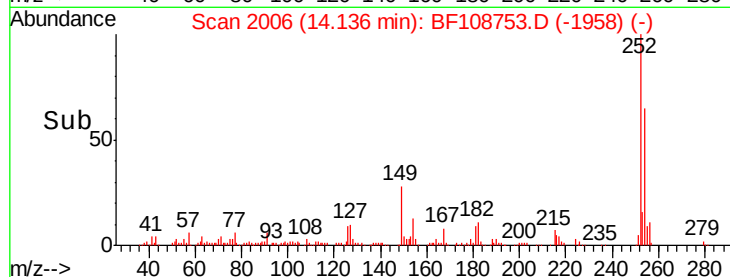
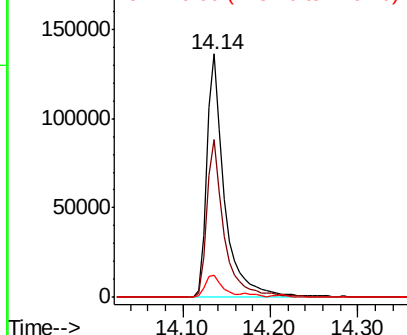
#81
 3,3'-Dichlorobenzidine
 Concen: 44.169 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.02 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 191931
 Ion Ratio Lower Upper
 252 100
 254 64.8 50.4 75.6
 126 9.2 11.3 16.9#

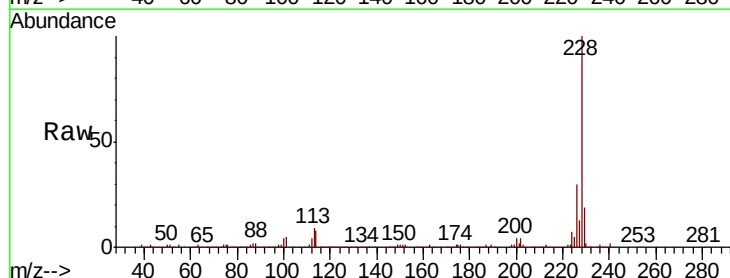


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

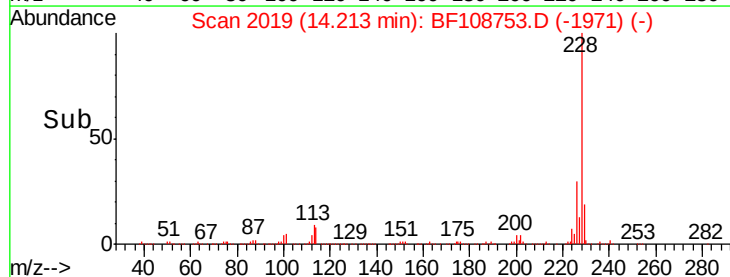
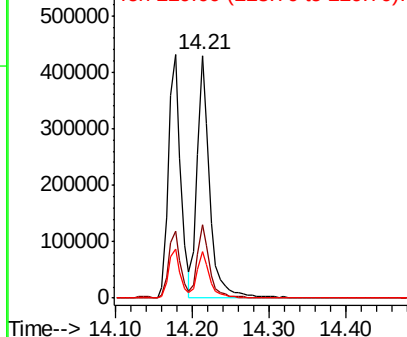


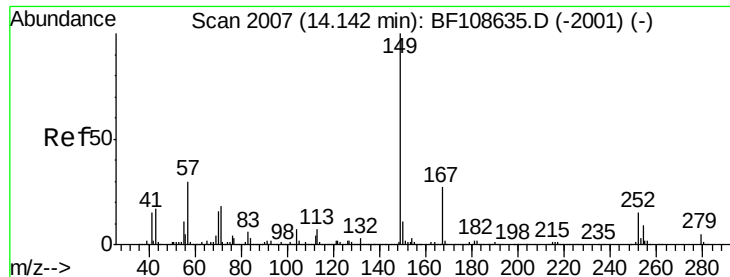
#82
 Chrysene
 Concen: 42.554 ng
 RT: 14.21 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Tgt Ion:228 Resp: 490344
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.6
 229 19.3 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: 47.047 ng

RT: 14.12 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

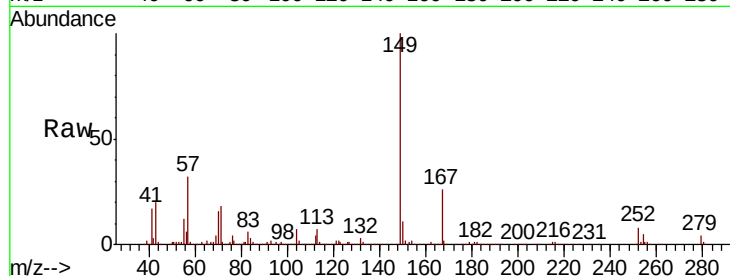
Instrument :

BNA_F

ClientSampled :

Tot Ion:149 Resp: 375708

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	3.9	3.0	4.4

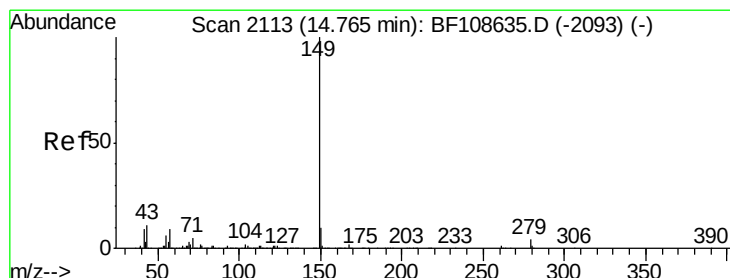
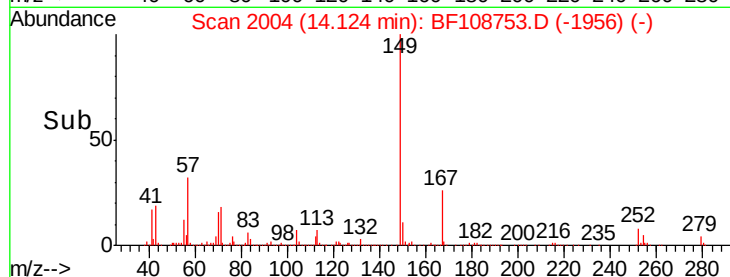
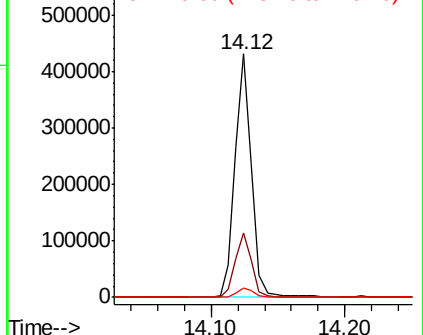


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.066 ng

RT: 14.75 min Scan# 2110

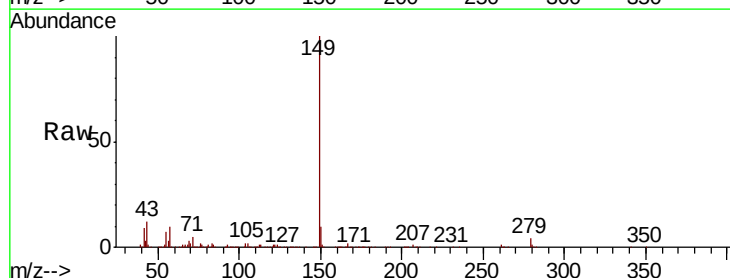
Delta R.T. -0.02 min

Lab File: BF108753.D

Acq: 4 Sep 2018 20:49

Tgt Ion:149 Resp: 552612

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	12.0	8.4	12.6

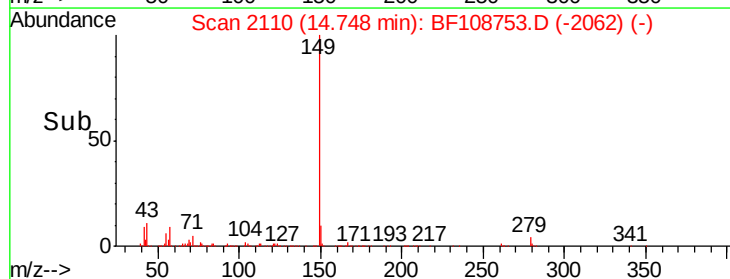
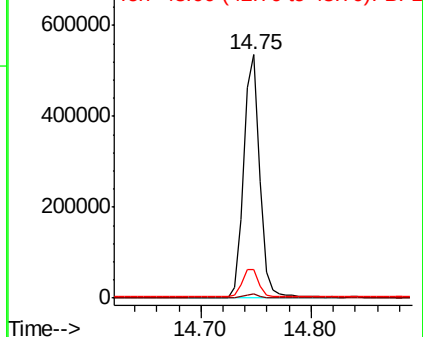


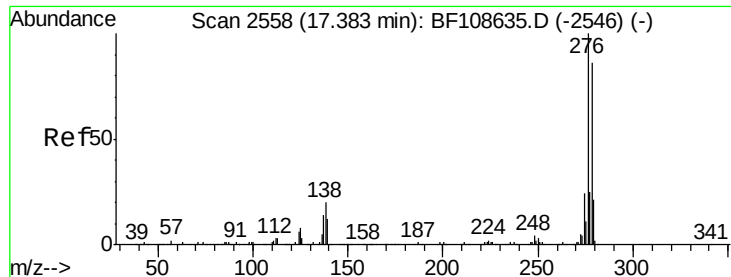
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.074 ng

RT: 17.36 min Scan# 2554

Delta R.T. -0.02 min

Lab File: BF108753.D

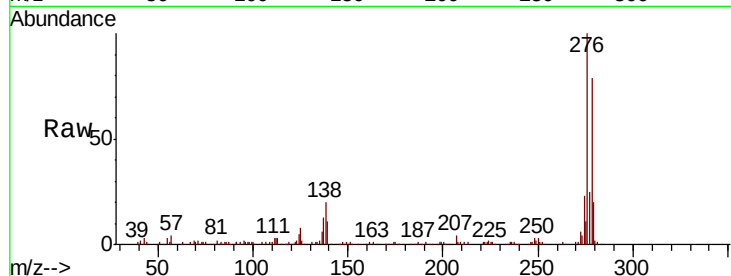
Acq: 4 Sep 2018 20:49

Instrument :

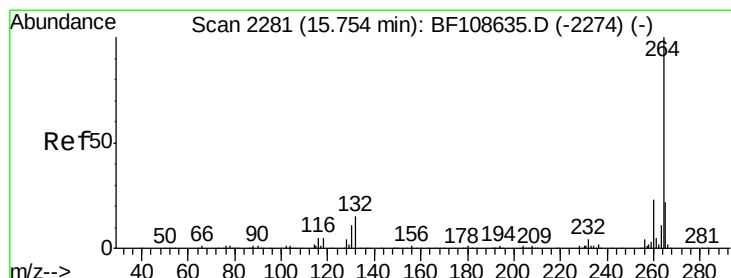
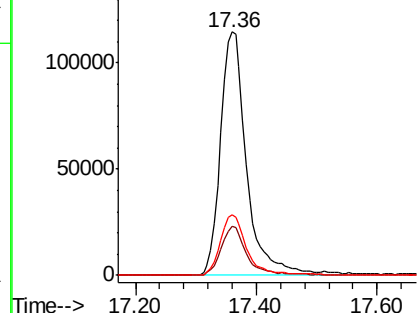
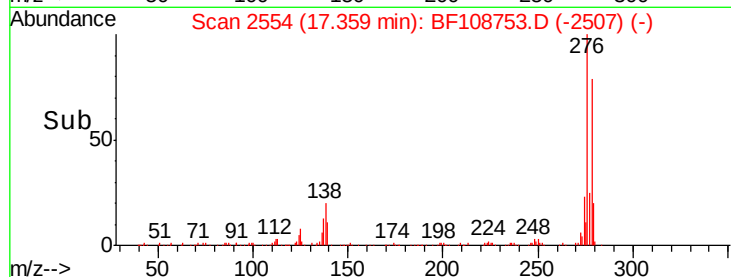
BNA_F

ClientSampleId :

Tot Ion:	276	Resp:	345116
Ion	Ratio	Lower	Upper
276	100		
138	19.2	25.0	37.6#
277	25.3	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

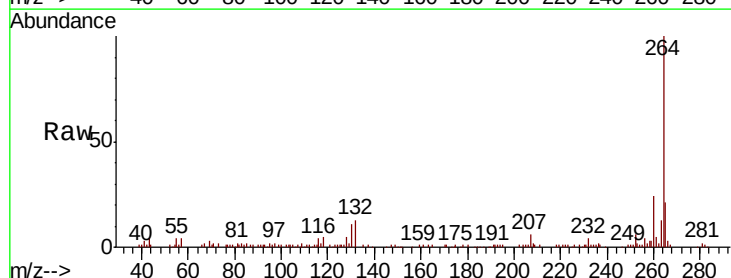
RT: 15.74 min Scan# 2279

Delta R.T. -0.01 min

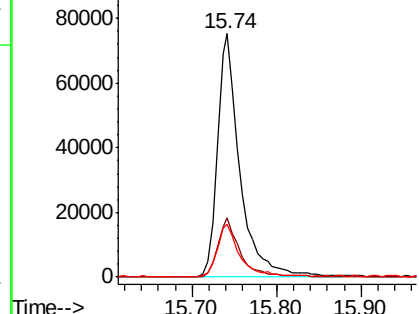
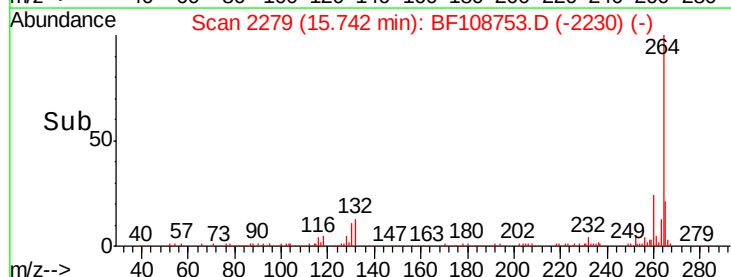
Lab File: BF108753.D

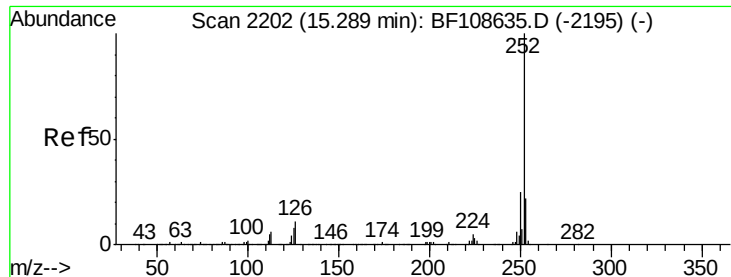
Acq: 4 Sep 2018 20:49

Tgt Ion:	264	Resp:	141139
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.5	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

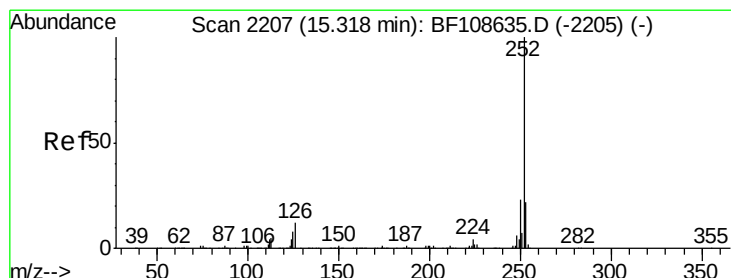
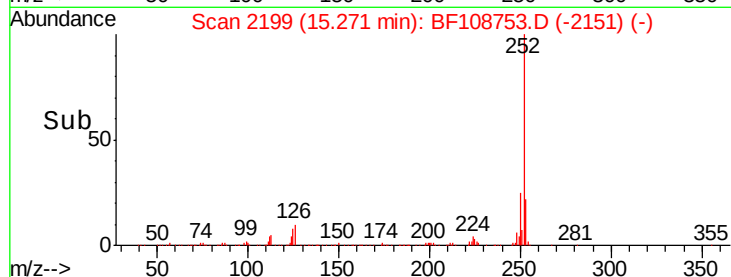
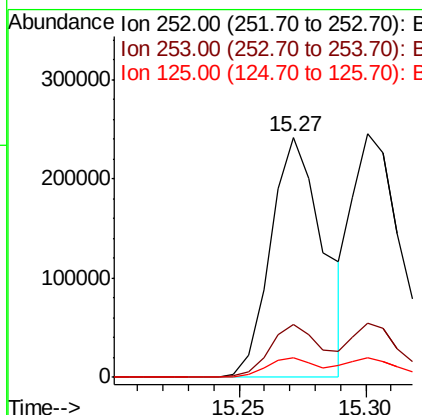
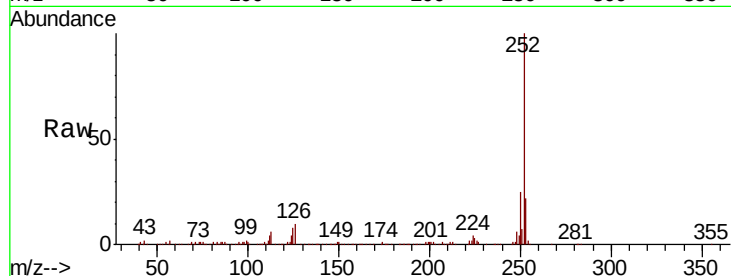




#87
Benzo(b)fluoranthene
Concen: 40.181 ng
RT: 15.27 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

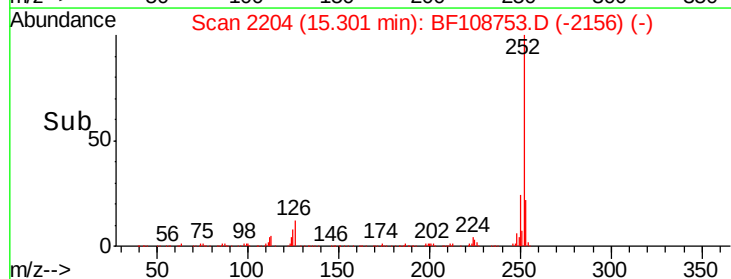
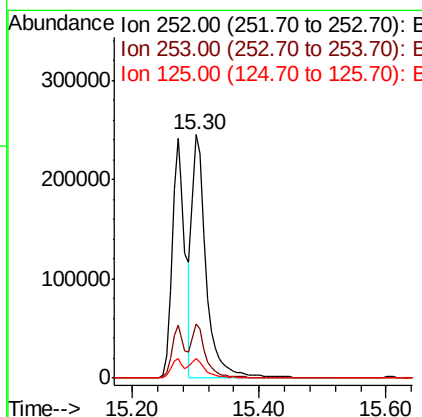
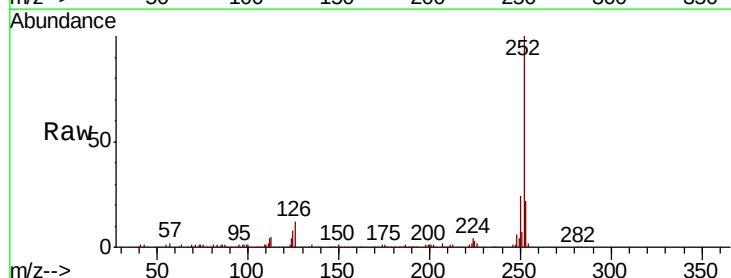
Instrument :
BNA_F
ClientSampleId :

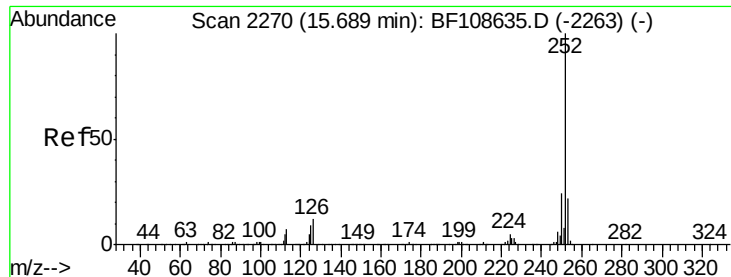
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	8.1	9.0	13.6#



#88
Benzo(k)fluoranthene
Concen: 43.426 ng
RT: 15.30 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	8.1	10.2	15.2#

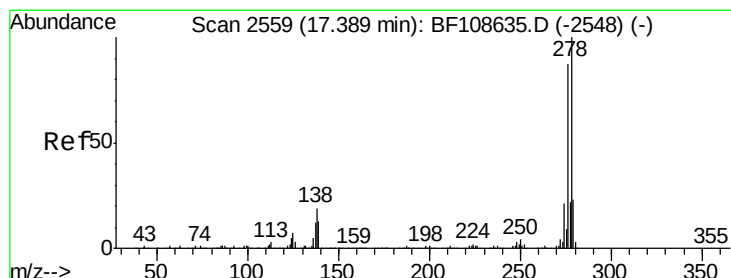
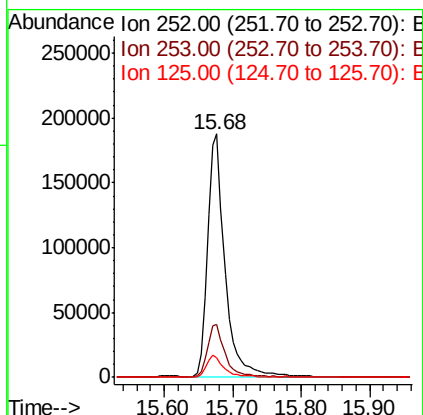
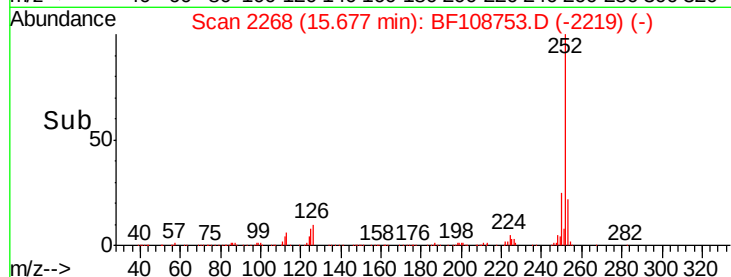
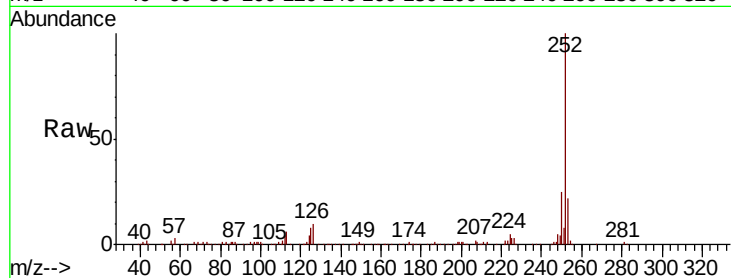




#89
Benzo(a)pyrene
Concen: 42.037 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

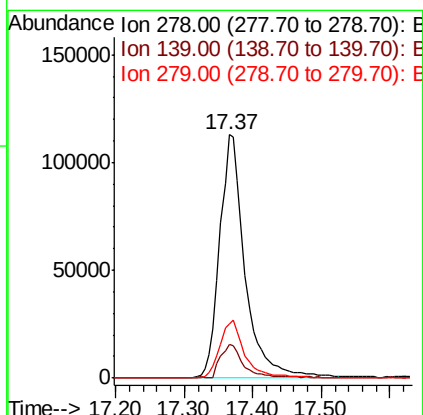
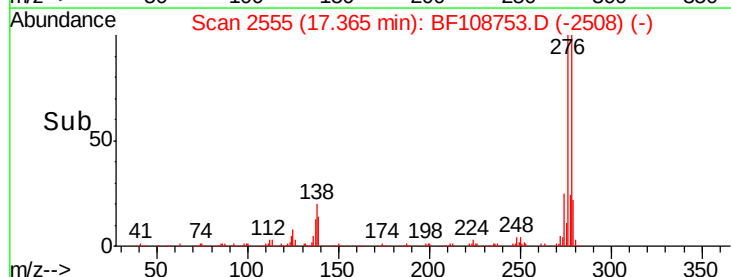
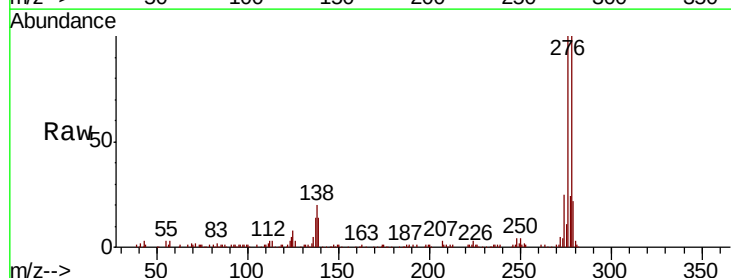
Instrument :
BNA_F
ClientSampleId :

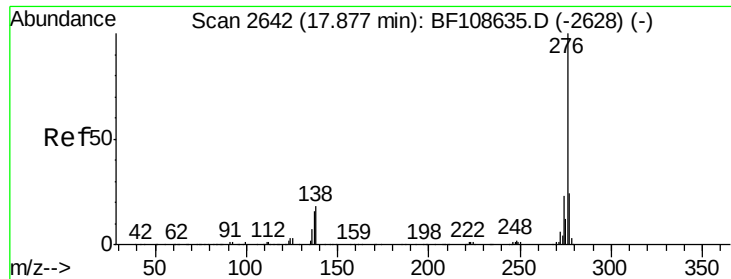
Tot Ion:252 Resp: 329365
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 7.9 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 46.538 ng
RT: 17.37 min Scan# 2555
Delta R.T. -0.02 min
Lab File: BF108753.D
Acq: 4 Sep 2018 20:49

Tgt Ion:278 Resp: 291221
Ion Ratio Lower Upper
278 100
139 13.8 15.9 23.9#
279 22.1 19.0 28.4

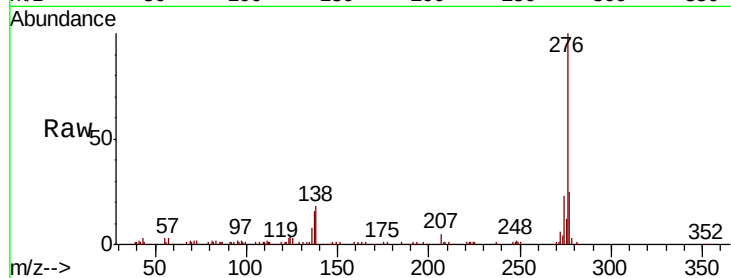




#91
 Benzo(a,h,i)perylene
 Concen: 45.688 ng
 RT: 17.85 min Scan# 2637
 Delta R.T. -0.03 min
 Lab File: BF108753.D
 Acq: 4 Sep 2018 20:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.9	26.9
138	17.8	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

