

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
 Data File : BF108934.D
 Acq On : 11 Sep 2018 14:48
 Operator : JU/SJ
 Sample : J4825-18MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 16:30:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	175668	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	668084	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	308847	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	519819	20.00	ng	0.00
75) Chrysene-d12	13.88	240	339086	20.00	ng	0.01
86) Perylene-d12	15.28	264	443584	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	725007	68.37	ng	0.01
7) Phenol-d6	6.37	99	941534	69.01	ng	0.00
23) Nitrobenzene-d5	7.30	82	589370	55.21	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	207329	70.32	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1052860	58.16	ng	0.00
78) Terphenyl-d14	12.82	244	780596	53.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	96726	18.981	ng	95
3) Pyridine	3.17	79	259350	18.583	ng	91
4) n-Nitrosodimethylamine	3.08	42	126752	23.646	ng	# 95
6) Aniline	6.40	93	267731	14.590	ng	98
8) 2-Chlorophenol	6.52	128	276596	23.566	ng	94
9) Benzaldehyde	6.28	77	139370	14.399	ng	98
10) Phenol	6.38	94	349600	22.372	ng	97
11) bis(2-Chloroethyl)ether	6.47	93	270243	21.588	ng	97
12) 1,3-Dichlorobenzene	6.68	146	299723	22.378	ng	98
13) 1,4-Dichlorobenzene	6.75	146	303570	22.664	ng	99
14) 1,2-Dichlorobenzene	6.91	146	284027	23.006	ng	99
15) Benzyl Alcohol	6.88	79	242717	23.181	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	403222	21.548	ng	97
17) 2-Methylphenol	7.00	107	223278	22.510	ng	98
18) Hexachloroethane	7.25	117	109756	22.726	ng	97
19) n-Nitroso-di-n-propylamine	7.15	70	194012	20.458	ng	98
20) 3+4-Methylphenols	7.15	107	269768	23.218	ng	# 66
22) Acetophenone	7.14	105	365508	24.106	ng	# 92
24) Nitrobenzene	7.31	77	293956	25.663	ng	96
25) Isophorone	7.56	82	530246	24.901	ng	100
26) 2-Nitrophenol	7.64	139	134496	29.804	ng	95
27) 2,4-Dimethylphenol	7.68	122	243326	26.552	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	338568	23.781	ng	99
29) 2,4-Dichlorophenol	7.88	162	228600	24.192	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	234008	22.851	ng	94
31) Naphthalene	8.04	128	789997	26.283	ng	100
32) Benzoic acid	7.79	122	10069	5.764	ng	# 82
33) 4-Chloroaniline	8.08	127	195975	14.196	ng	98
34) Hexachlorobutadiene	8.17	225	141749	23.171	ng	98
35) Caprolactam	8.44	113	63615	19.868	ng	# 81
36) 4-Chloro-3-methylphenol	8.57	107	225921	22.444	ng	95
37) 2-Methylnaphthalene	8.73	142	516708	26.021	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	227821	24.676	ng	99
40) Hexachlorocyclopentadiene	8.90	237	252829	54.435	ng	96

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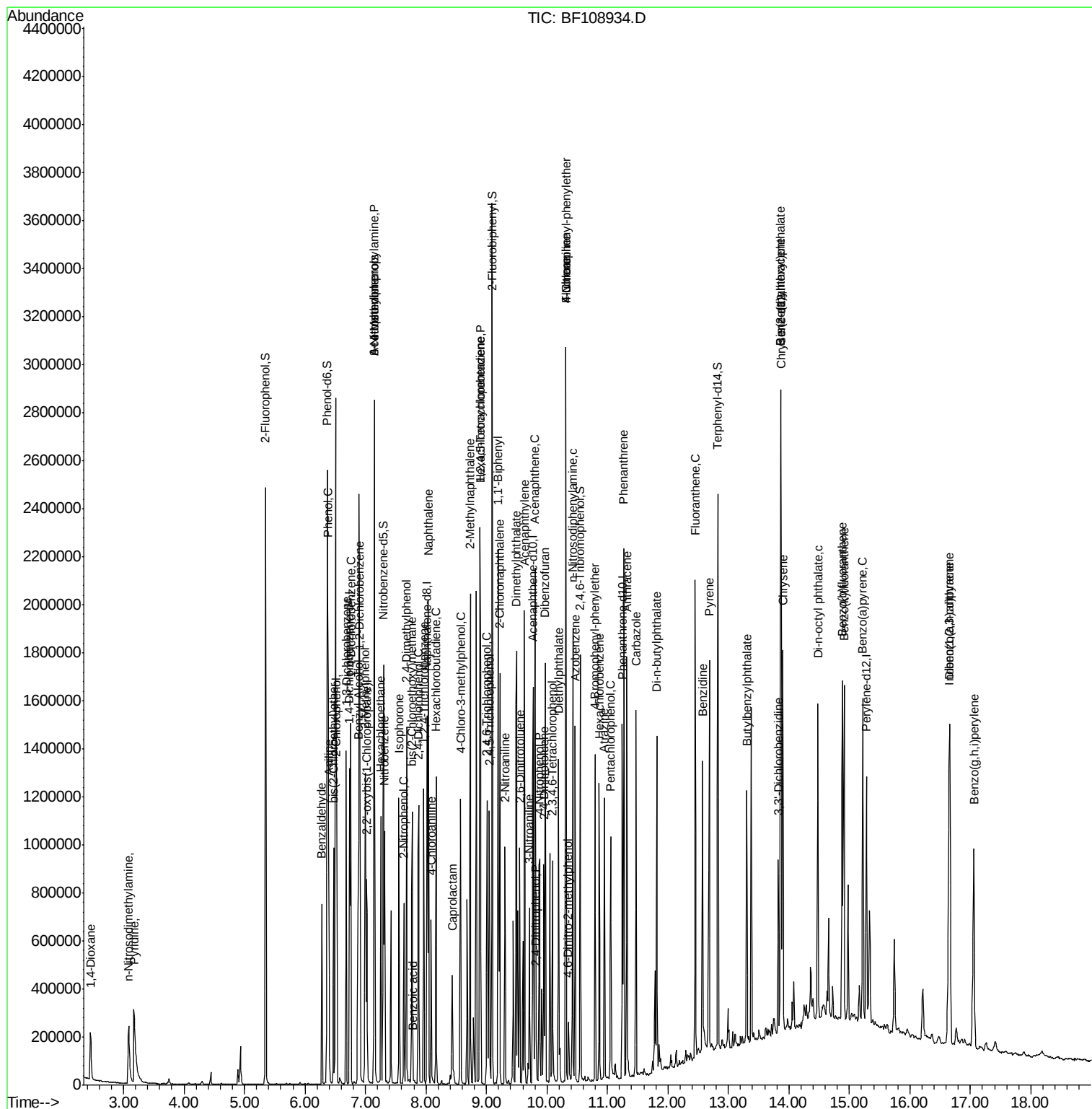
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	153327	24.383	nq	99
43) 2,4,5-Trichlorophenol	9.05	196	162507	24.931	nq	95
45) 1,1'-Biphenyl	9.20	154	609683	25.642	nq	98
46) 2-Chloronaphthalene	9.22	162	468673	24.372	nq	97
47) 2-Nitroaniline	9.31	65	142287	27.085	nq	97
48) Acenaphthylene	9.63	152	759485	26.497	nq	100
49) Dimethylphthalate	9.50	163	723269	33.482	nq	99
50) 2,6-Dinitrotoluene	9.55	165	116669	28.344	nq	97
51) Acenaphthene	9.80	154	452250	25.497	nq	98
52) 3-Nitroaniline	9.71	138	97028	19.802	nq	98
53) 2,4-Dinitrophenol	9.82	184	32020	28.014	nq	# 22
54) Dibenzofuran	9.97	168	644062	24.910	nq	99
55) 4-Nitrophenol	9.88	139	160626	43.851	nq	93
56) 2,4-Dinitrotoluene	9.95	165	147729	28.064	nq	# 96
57) Fluorene	10.31	166	471924	28.442	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	122042	23.217	nq	88
59) Diethylphthalate	10.19	149	511066	22.926	nq	98
60) 4-Chlorophenyl-phenylether	10.31	204	222245	25.080	nq	97
61) 4-Nitroaniline	10.32	138	100103	22.552	nq	96
62) Azobenzene	10.47	77	520874	22.636	nq	97
64) 4,6-Dinitro-2-methylphenol	10.36	198	31380	20.023	nq	78
65) n-Nitrosodiphenylamine	10.42	169	442363	25.595	nq	95
66) 4-Bromophenyl-phenylether	10.80	248	146665	24.981	nq	91
67) Hexachlorobenzene	10.87	284	149327	23.826	nq	# 91
68) Atrazine	10.95	200	127794	23.098	nq	97
69) Pentachlorophenol	11.05	266	118447	30.912	nq	98
70) Phenanthrene	11.27	178	745018	30.012	nq	99
71) Anthracene	11.32	178	696316	29.297	nq	99
72) Carbazole	11.47	167	565101	22.577	nq	100
73) Di-n-butylphthalate	11.82	149	714102	25.691	nq	98
74) Fluoranthene	12.45	202	736035	29.947	nq	98
76) Benzidine	12.57	184	209642	13.044	nq	# 95
77) Pyrene	12.68	202	723527	27.730	nq	99
79) Butylbenzylphthalate	13.31	149	244814	20.835	nq	96
80) Benzo(a)anthracene	13.87	228	574939	26.453	nq	100
81) 3,3'-Dichlorobenzidine	13.82	252	143678	16.968	nq	98
82) Chrysene	13.90	228	545028	25.904	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	318787	21.589	nq	100
84) Di-n-octyl phthalate	14.48	149	597316	24.263	nq	99
85) Indeno(1,2,3-cd)pyrene	16.65	276	752929	40.435	nq	94
87) Benzo(b)fluoranthene	14.88	252	637895	26.447	nq	99
88) Benzo(k)fluoranthene	14.91	252	568092	25.576	nq	97
89) Benzo(a)pyrene	15.22	252	623434	28.645	nq	99
90) Dibenzo(a,h)anthracene	16.66	278	569451	29.694	nq	96
91) Benzo(g,h,i)perylene	17.06	276	660906	34.420	nq	93

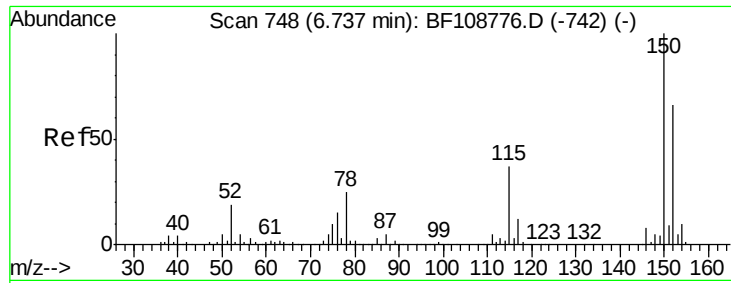
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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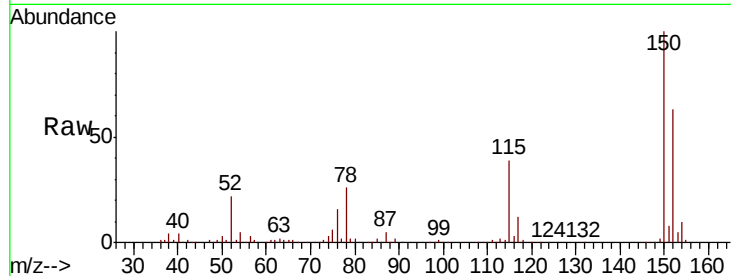


#1

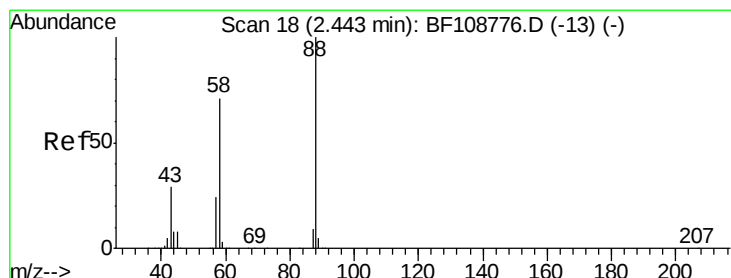
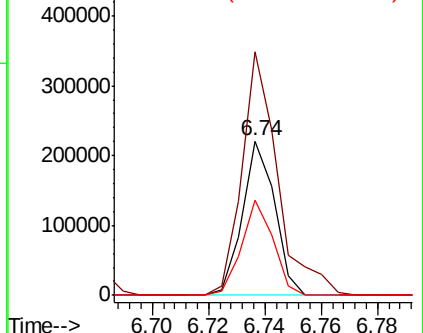
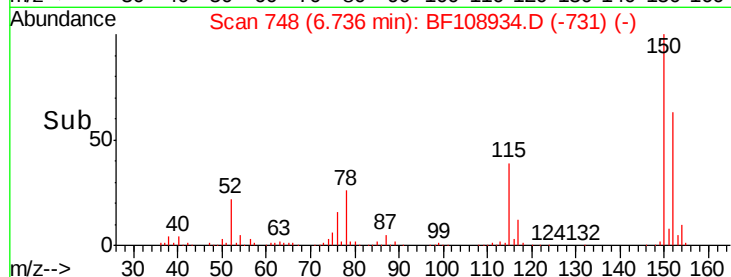
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 175668
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 62.0 50.1 75.1



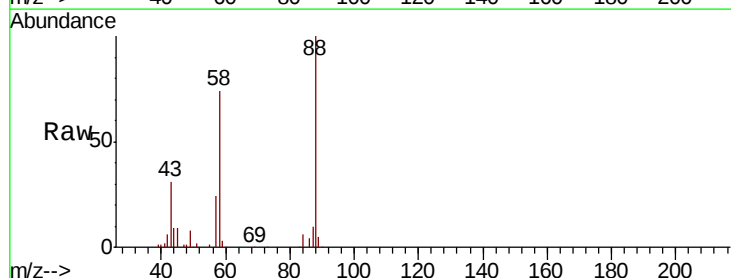
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



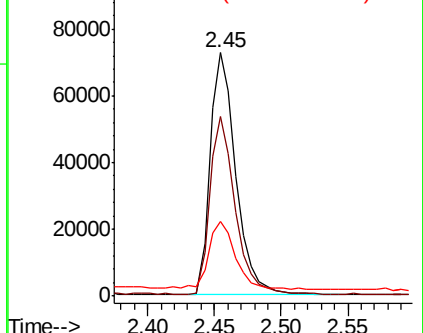
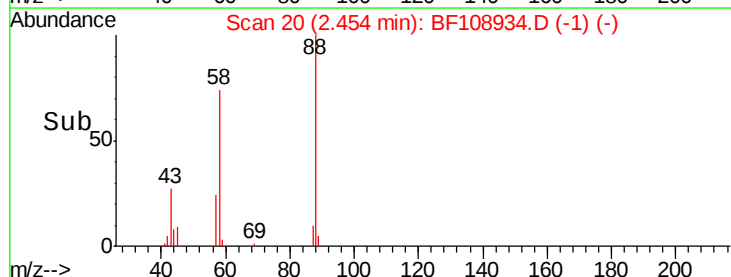
#2

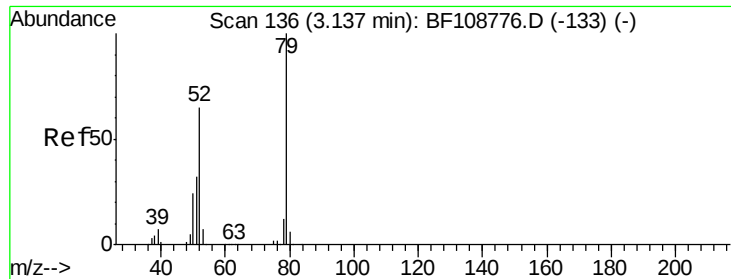
1,4-Dioxane
Concen: 18.981 ng
RT: 2.45 min Scan# 20
Delta R.T. 0.01 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Tgt Ion: 88 Resp: 96726
Ion Ratio Lower Upper
88 100
58 72.7 62.6 93.8
43 30.7 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: 18.583 ng

RT: 3.17 min Scan# 142

Delta R.T. 0.04 min

Lab File: BF108934.D

Acq: 11 Sep 2018 14:48

Instrument :

BNA_F

ClientSampleId :

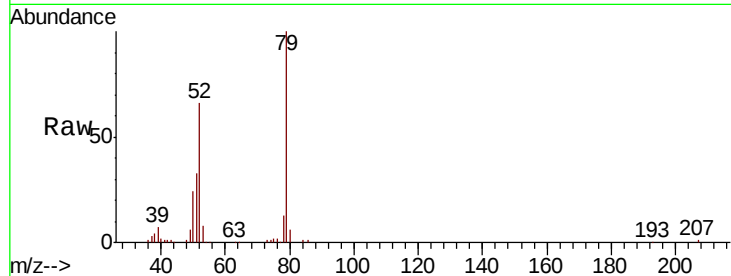
Tot Ion: 79 Resp: 259350

Ion Ratio Lower Upper

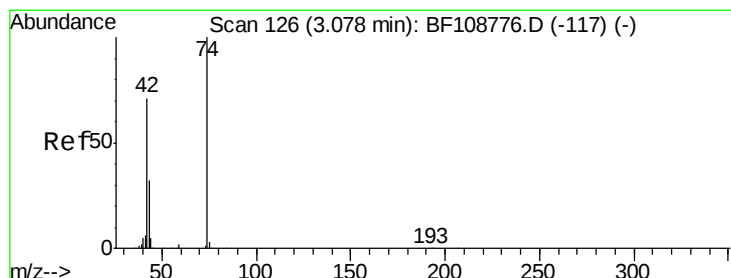
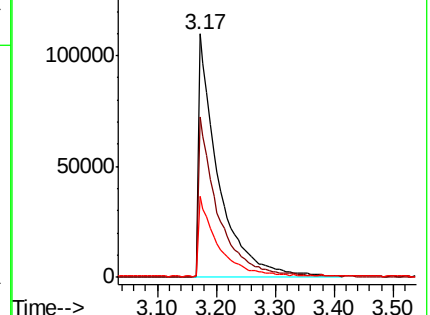
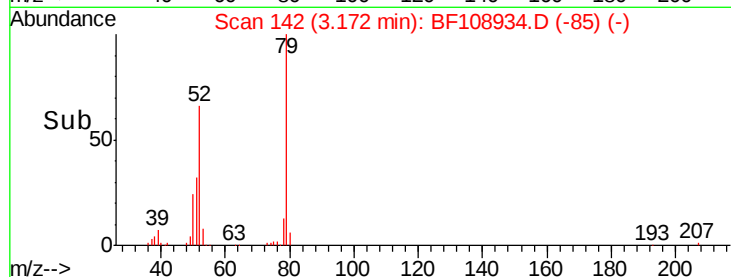
79 100

52 65.9 59.8 89.6

51 33.1 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: 23.646 ng

RT: 3.08 min Scan# 127

Delta R.T. 0.01 min

Lab File: BF108934.D

Acq: 11 Sep 2018 14:48

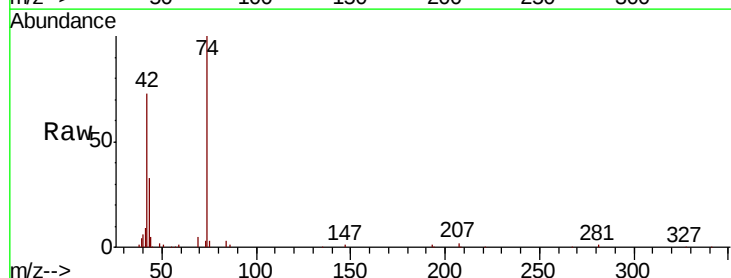
Tgt Ion: 42 Resp: 126752

Ion Ratio Lower Upper

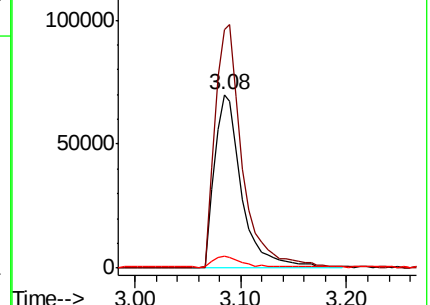
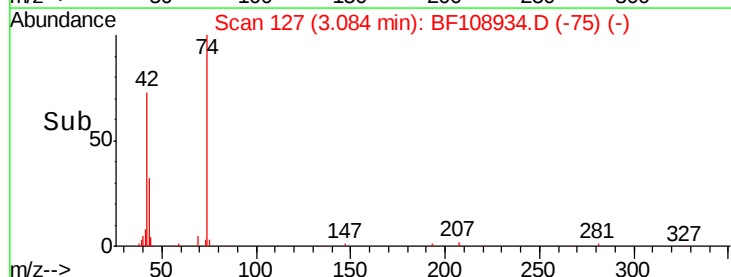
42 100

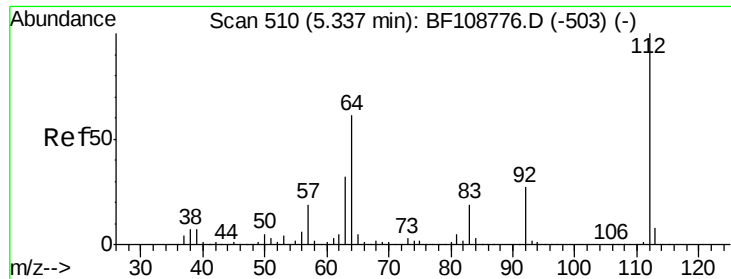
74 136.9 104.9 157.3

44 6.7 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: 68.373 ng

RT: 5.35 min Scan# 512

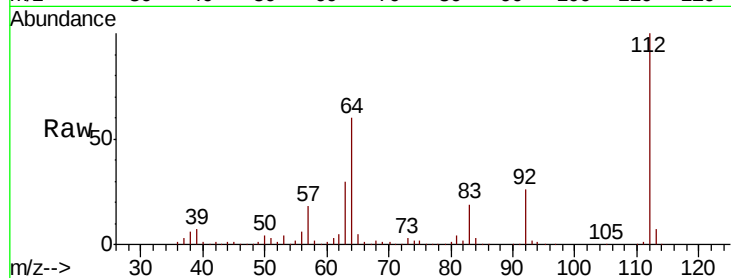
Delta R.T. 0.01 min

Lab File: BF108934.D

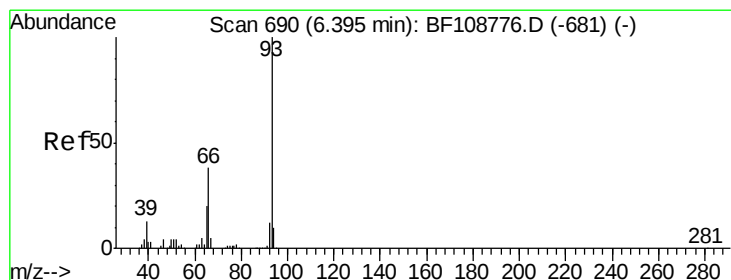
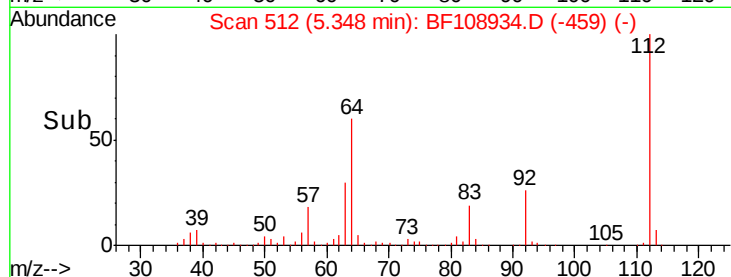
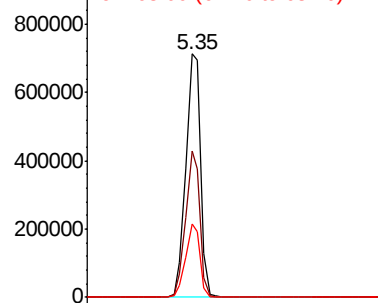
Acq: 11 Sep 2018 14:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	725007
Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.9	71.9
63	30.2	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: 14.590 ng

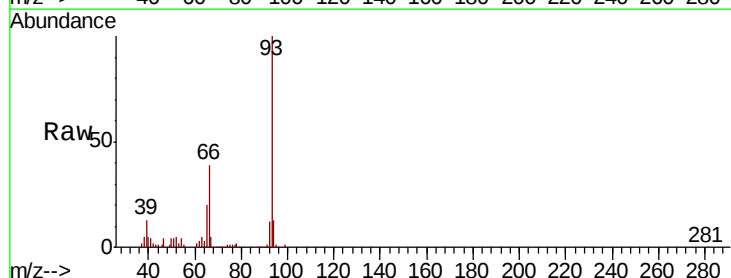
RT: 6.40 min Scan# 690

Delta R.T. -0.00 min

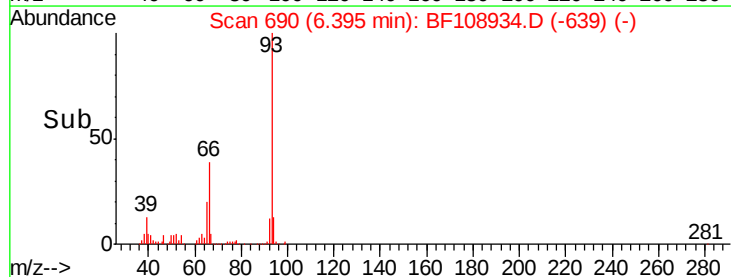
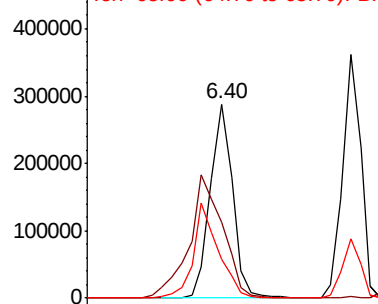
Lab File: BF108934.D

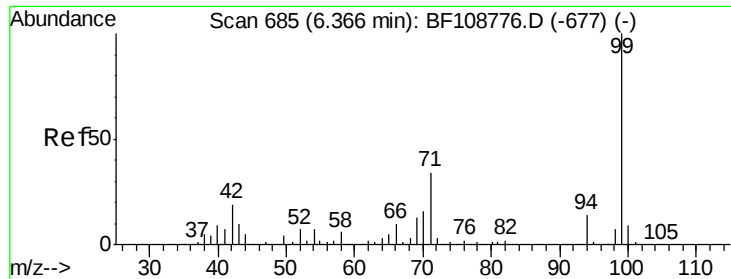
Acq: 11 Sep 2018 14:48

Tgt Ion:	93	Resp:	267731
Ion	Ratio	Lower	Upper
93	100		
66	39.2	32.2	48.2
65	19.9	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: 69.011 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108934.D

Acq: 11 Sep 2018 14:48

Instrument :

BNA_F

ClientSampled :

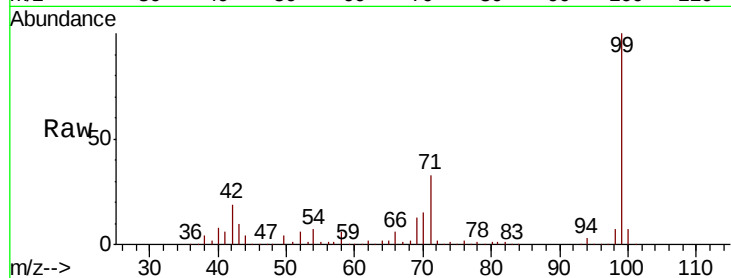
Tot Ion: 99 Resp: 941534

Ion Ratio Lower Upper

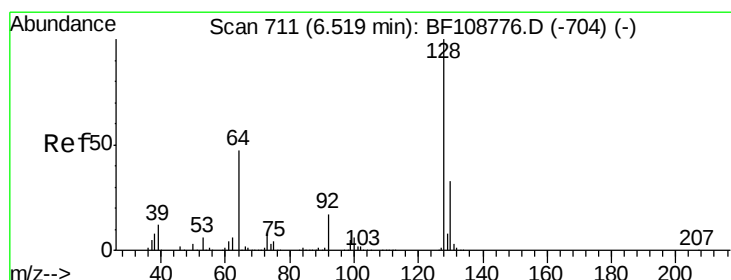
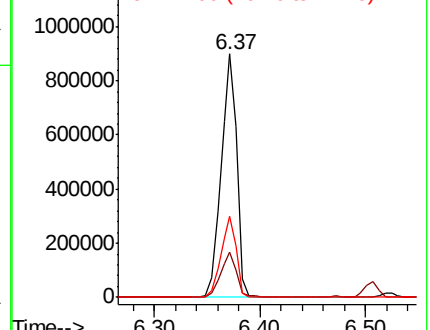
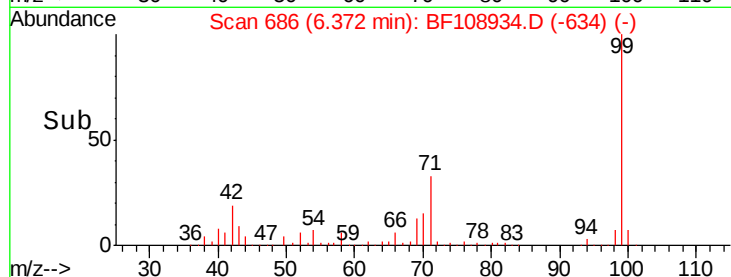
99 100

42 18.8 14.5 21.7

71 33.3 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: 23.566 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF108934.D

Acq: 11 Sep 2018 14:48

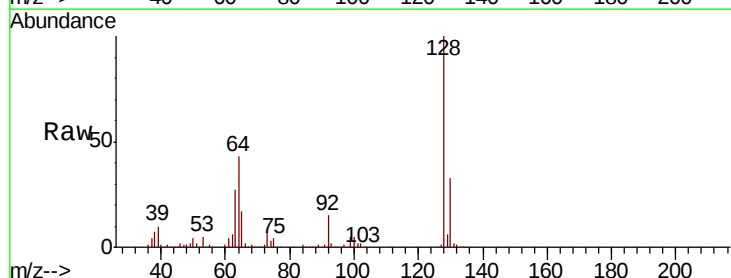
Tgt Ion: 128 Resp: 276596

Ion Ratio Lower Upper

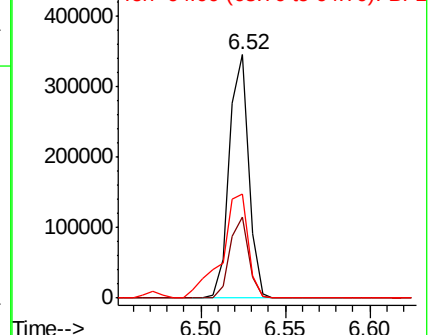
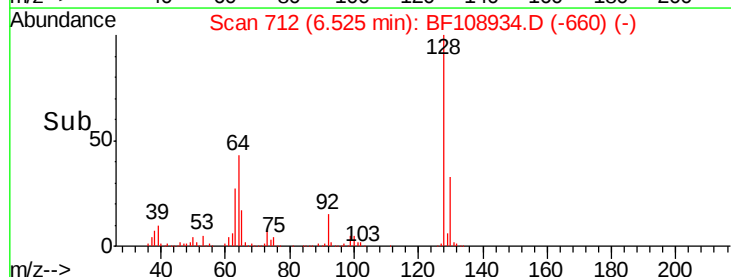
128 100

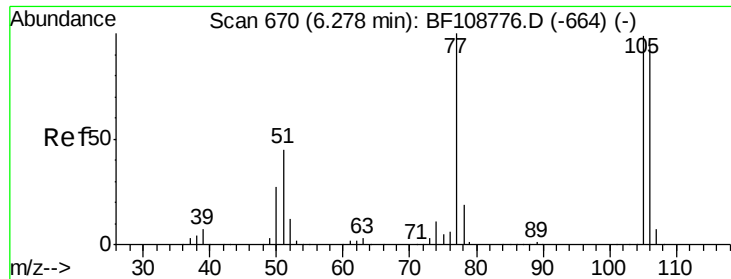
130 33.1 13.0 53.0

64 42.6 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: 14.399 ng

RT: 6.28 min Scan# 670

Delta R.T. -0.00 min

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ClientSampleId :

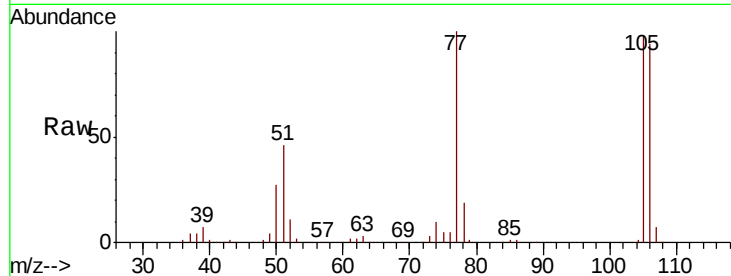
Tot Ion: 77 Resp: 139370

Ion Ratio Lower Upper

77 100

105 98.4 81.1 121.1

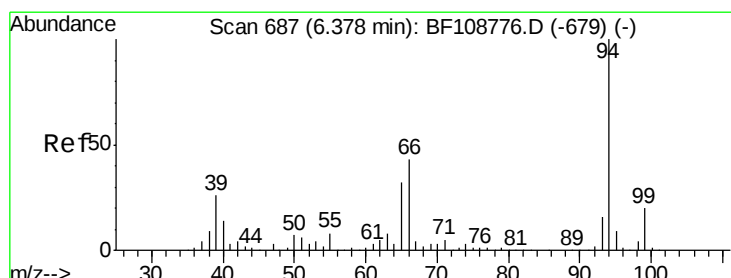
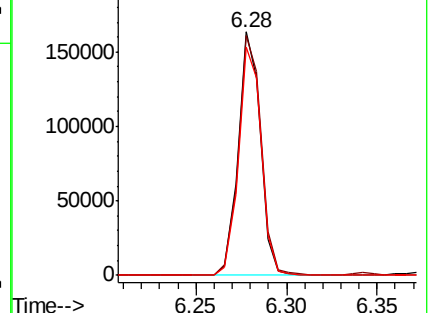
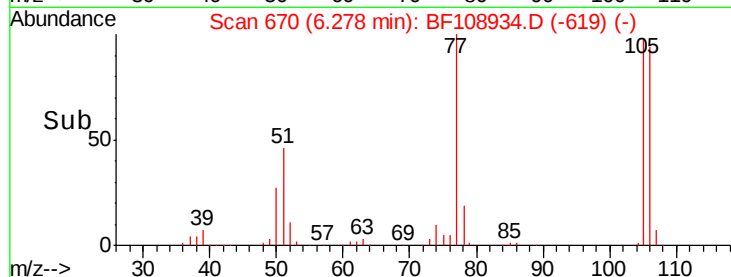
106 93.7 74.5 114.5



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: 22.372 ng

RT: 6.38 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF108934.D

Acq: 11 Sep 2018 14:48

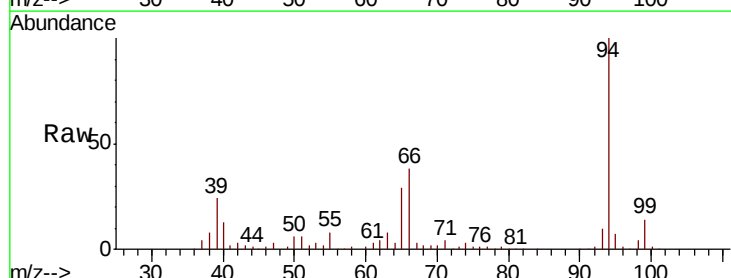
Tgt Ion: 94 Resp: 349600

Ion Ratio Lower Upper

94 100

65 29.5 7.9 47.9

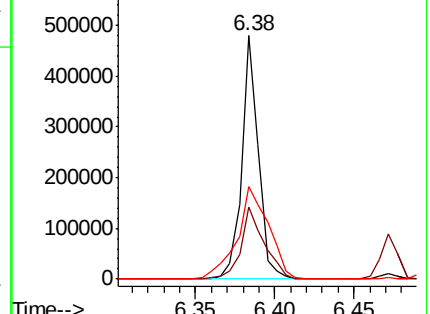
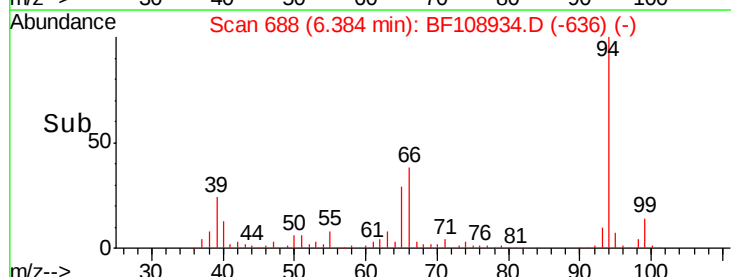
66 38.2 16.2 56.2

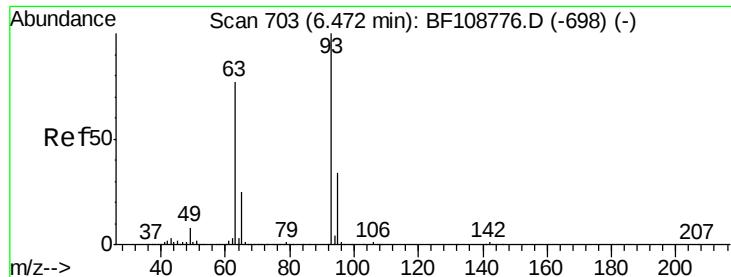


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

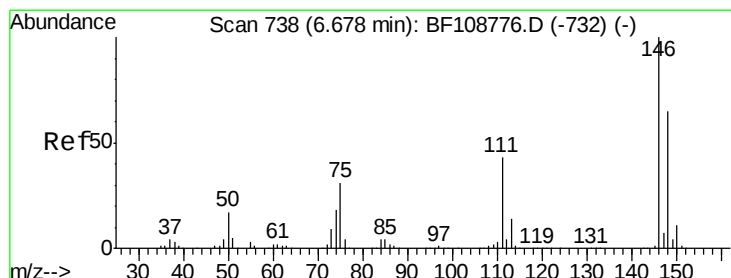
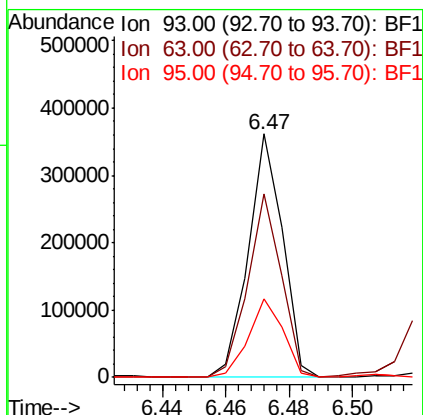
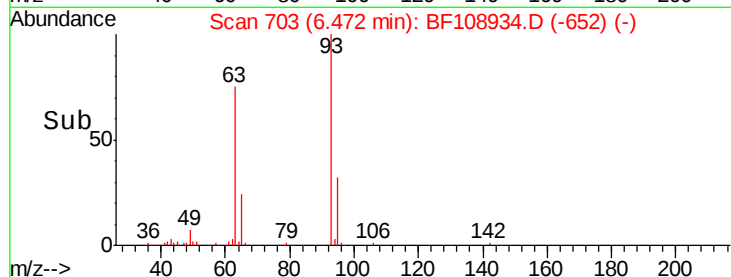
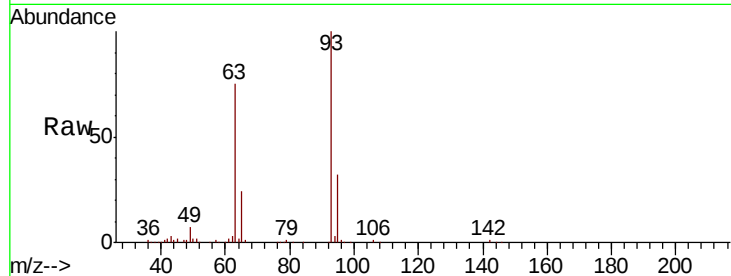




#11
bis(2-Chloroethyl)ether
Concen: 21.588 ng
RT: 6.47 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

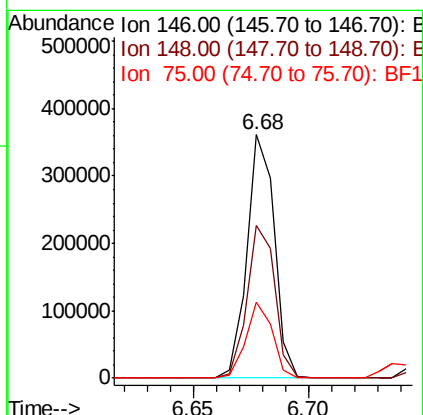
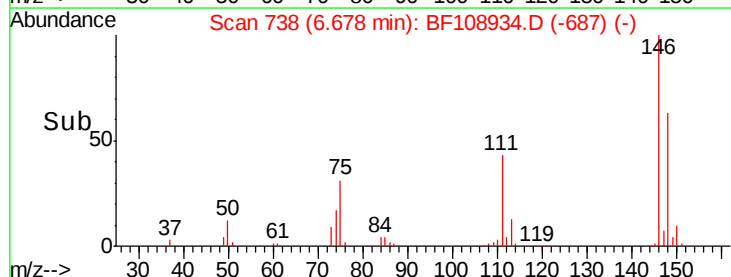
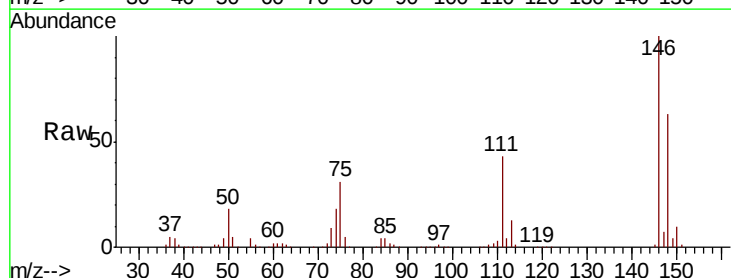
Instrument :
BNA_F
ClientSampleId :

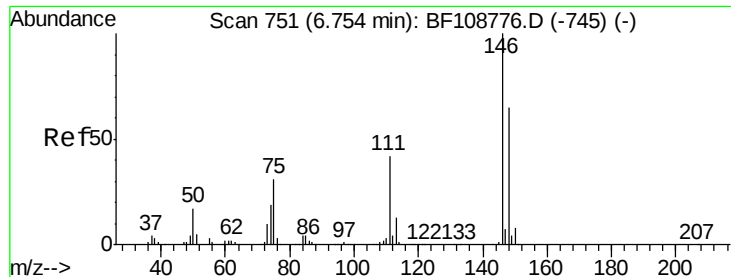
Tot Ion: 93 Resp: 270243
Ion Ratio Lower Upper
93 100
63 75.3 58.6 98.6
95 32.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 22.378 ng
RT: 6.68 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Tgt Ion: 146 Resp: 299723
Ion Ratio Lower Upper
146 100
148 62.7 51.8 77.8
75 31.2 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 22.664 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF108934.D

Acq: 11 Sep 2018 14:48

Instrument :

BNA_F

ClientSampled :

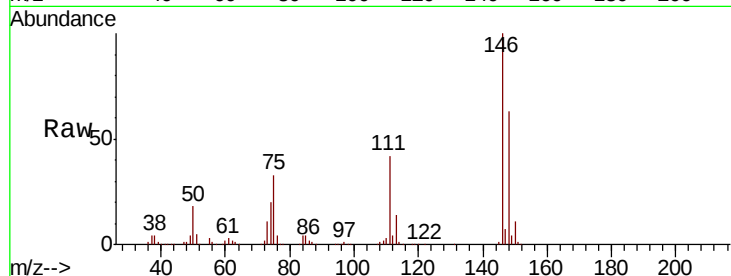
Tot Ion:146 Resp: 303570

Ion Ratio Lower Upper

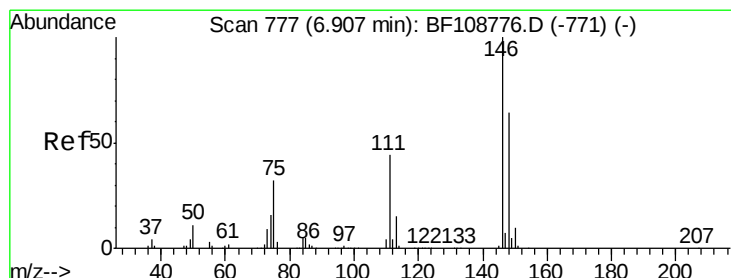
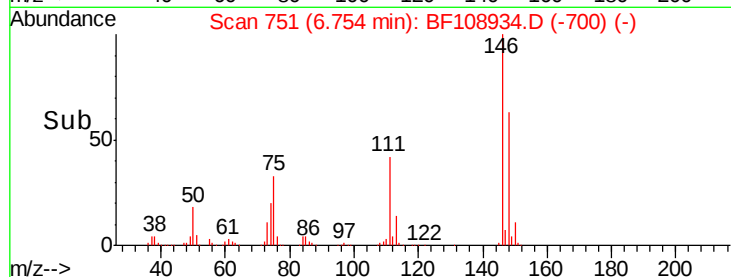
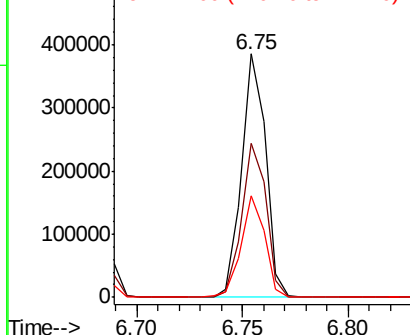
146 100

148 63.2 50.8 76.2

111 41.6 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: 23.006 ng

RT: 6.91 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF108934.D

Acq: 11 Sep 2018 14:48

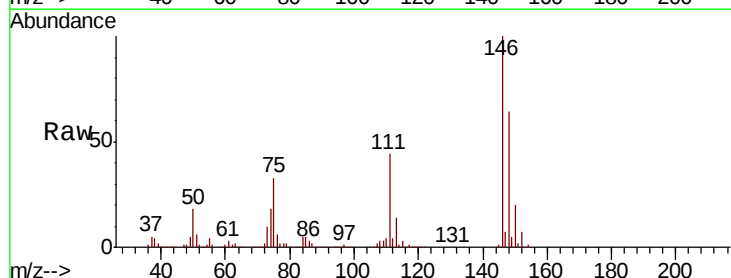
Tgt Ion:146 Resp: 284027

Ion Ratio Lower Upper

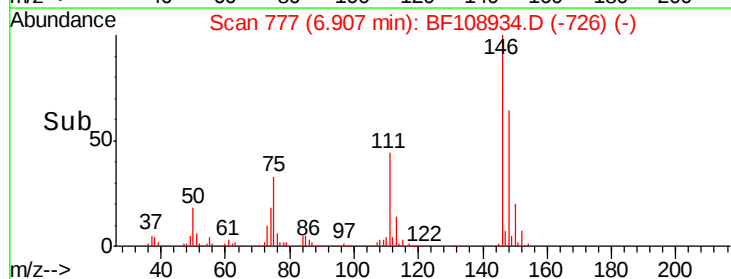
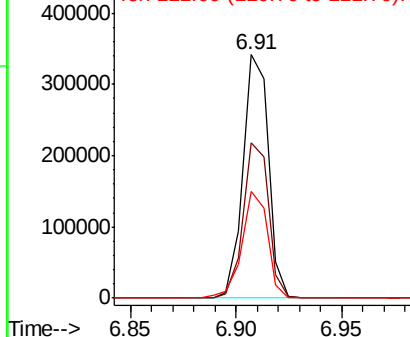
146 100

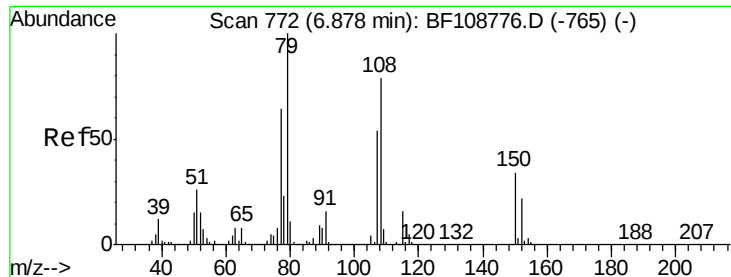
148 63.6 50.6 75.8

111 44.0 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: 23.181 ng

RT: 6.88 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF108934.D

Acq: 11 Sep 2018 14:48

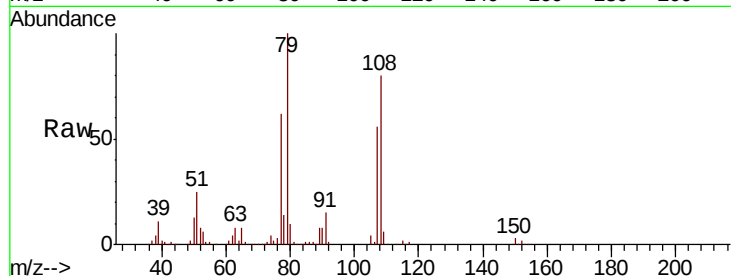
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 242717

Ion	Ratio	Lower	Upper
79	100		
108	80.0	65.1	97.7
77	61.7	50.6	75.8

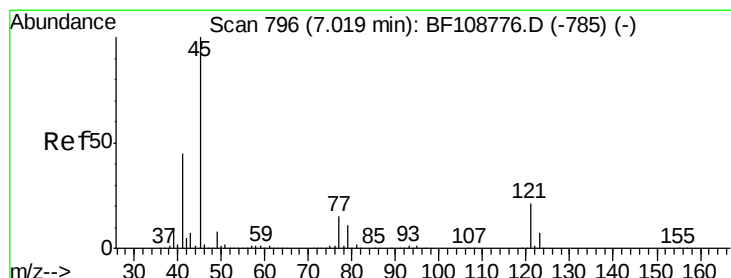
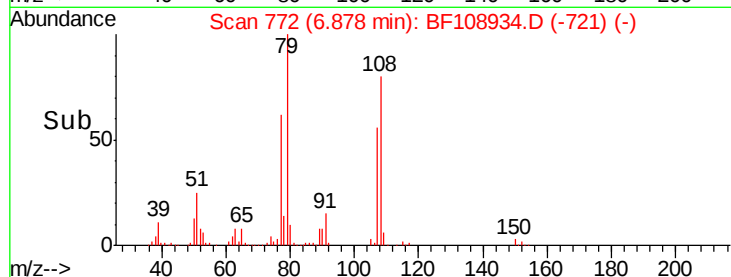
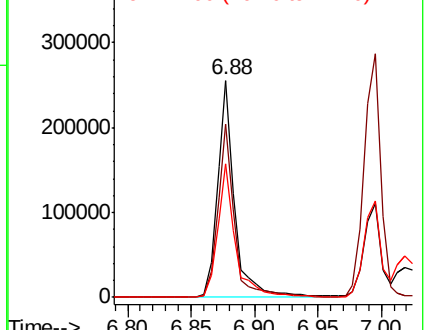


Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 21.548 ng

RT: 7.02 min Scan# 796

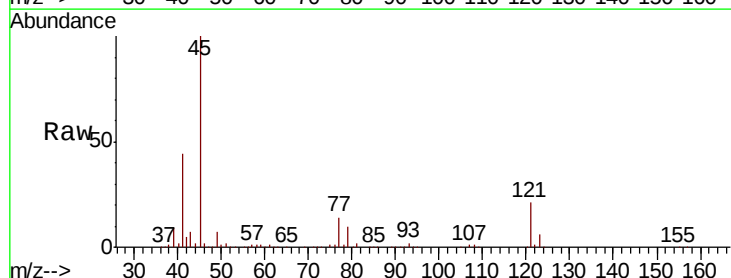
Delta R.T. -0.00 min

Lab File: BF108934.D

Acq: 11 Sep 2018 14:48

Tgt Ion: 45 Resp: 403222

Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	32.9
79	10.4	0.0	29.6

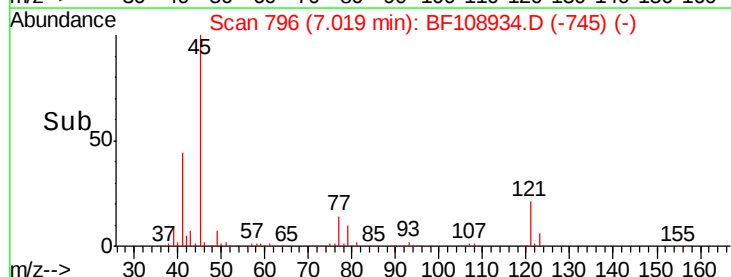
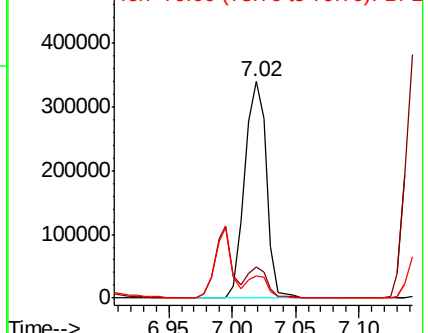


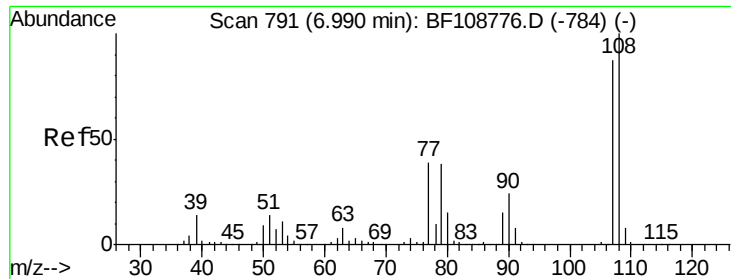
Abundance

Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 22.510 ng

RT: 7.00 min Scan# 792

Delta R.T. 0.01 min

Lab File: BF108934.D

Acq: 11 Sep 2018 14:48

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 223278

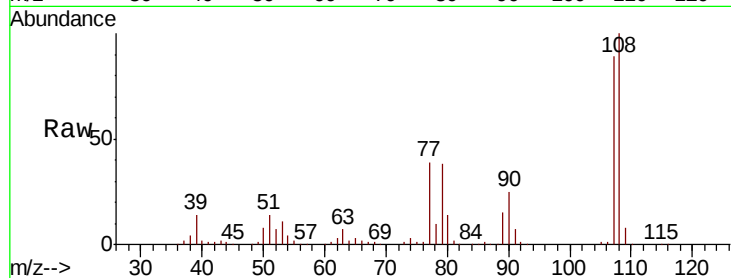
Ion Ratio Lower Upper

107 100

108 112.8 91.7 137.5

77 44.5 33.8 50.8

79 43.4 33.8 50.8

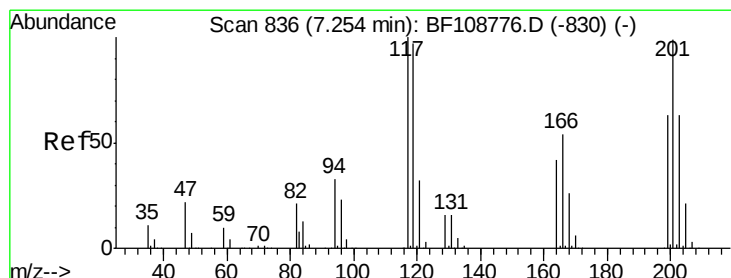
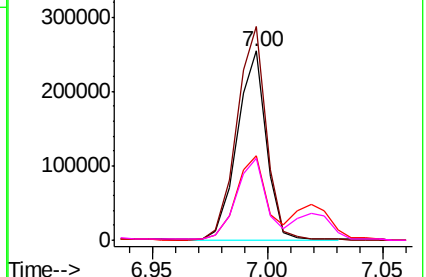
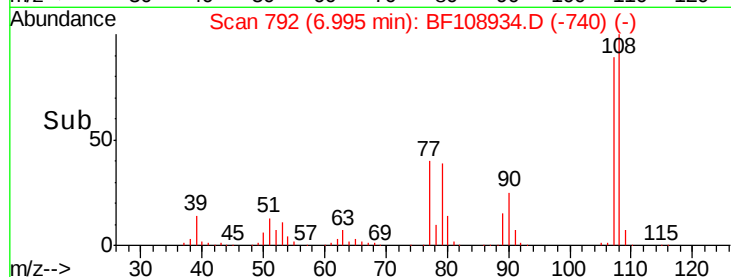


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 22.726 ng

RT: 7.25 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF108934.D

Acq: 11 Sep 2018 14:48

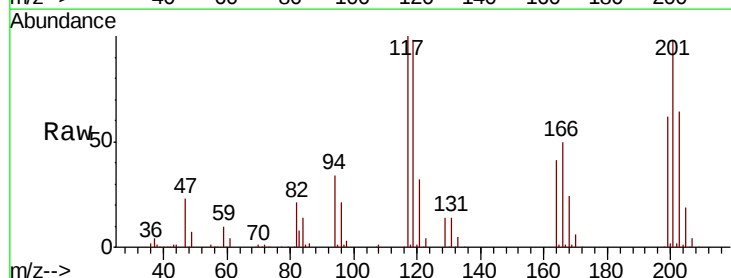
Tgt Ion:117 Resp: 109756

Ion Ratio Lower Upper

117 100

119 97.6 75.8 113.8

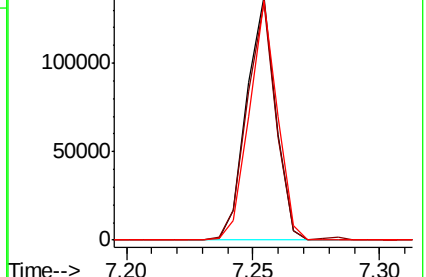
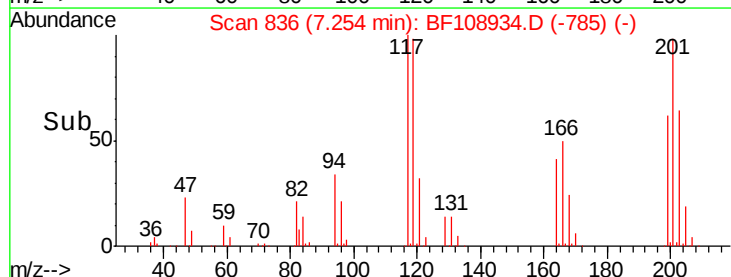
201 98.2 75.7 113.5

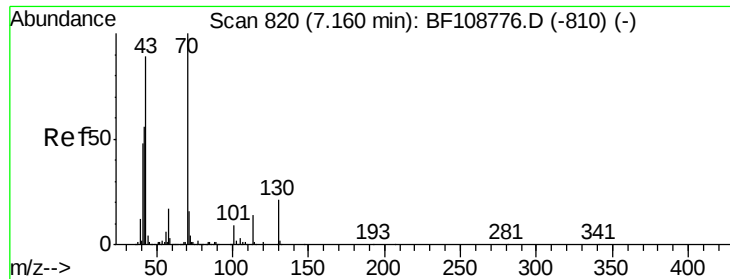


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

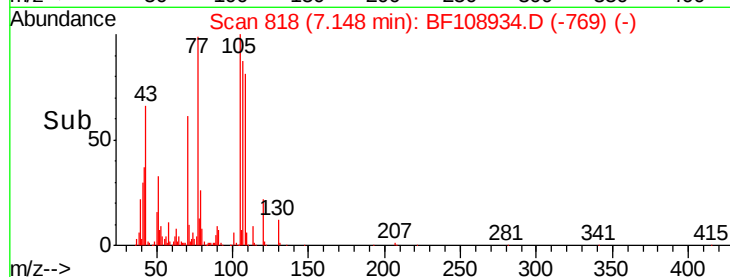
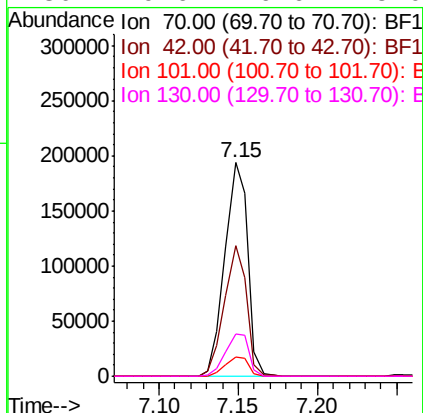
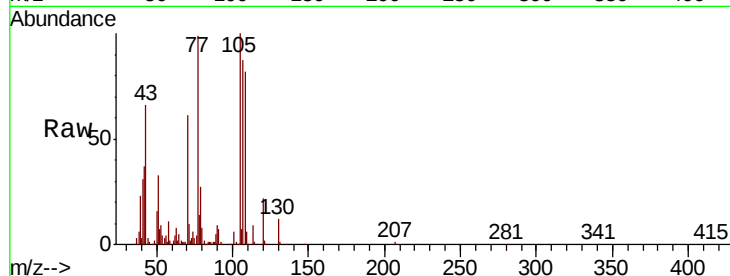




#19
n-Nitroso-di-n-propylamine
Concen: 20.458 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

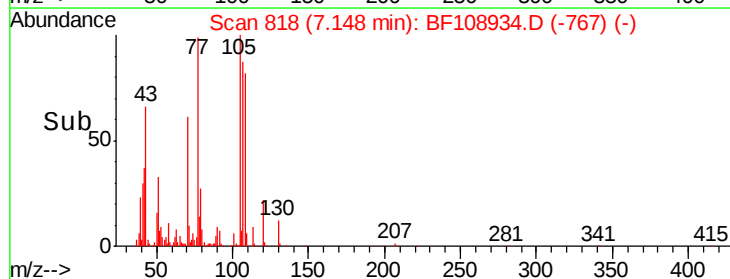
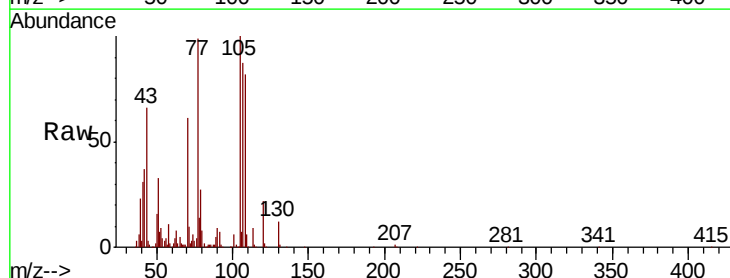
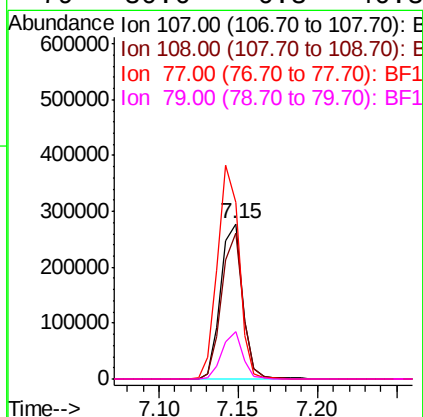
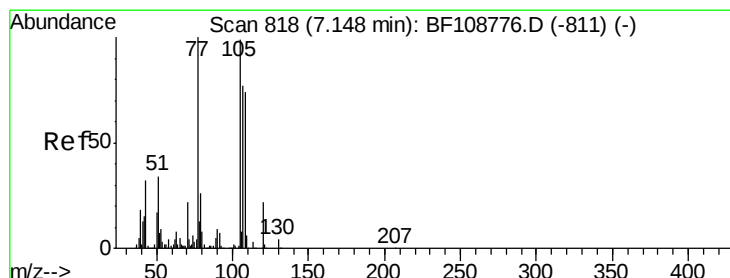
Instrument :
BNA_F
ClientSampleId :

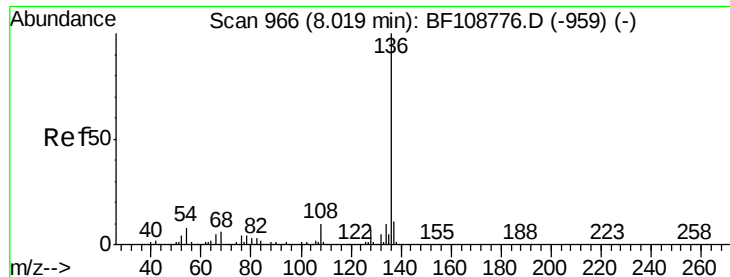
Tot Ion:	70	Resp:	194012
Ion	Ratio	Lower	Upper
70	100		
42	61.1	47.5	71.3
101	9.2	7.4	11.2
130	19.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 23.218 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Tgt Ion:	107	Resp:	269768
Ion	Ratio	Lower	Upper
107	100		
108	93.9	68.2	108.2
77	113.9	26.7	66.7#
79	30.6	6.3	46.3

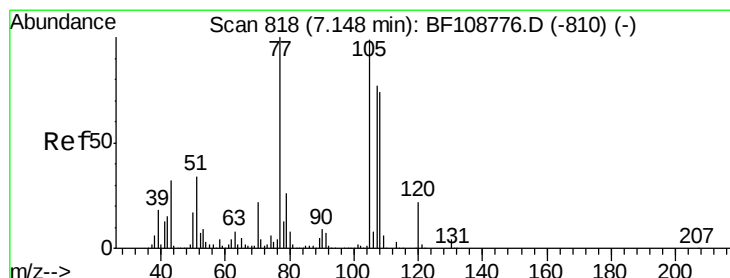
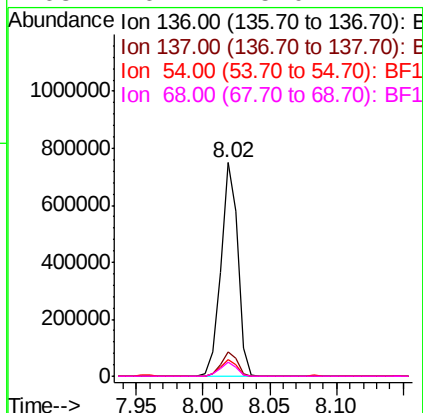
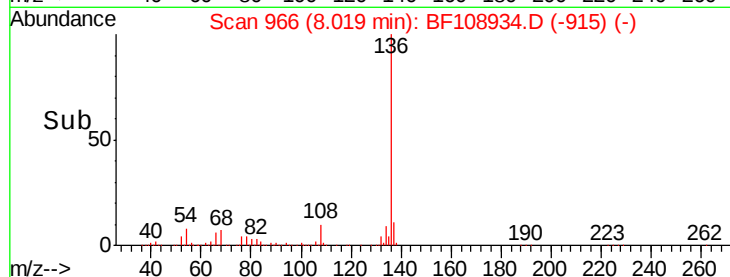
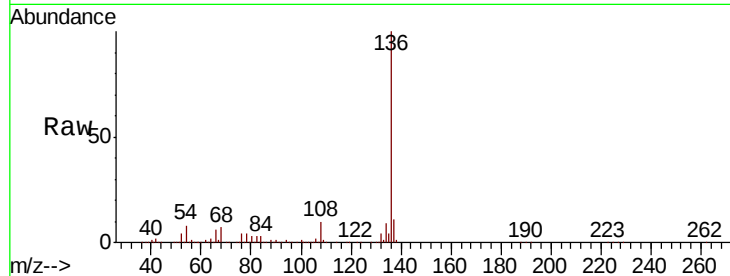




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

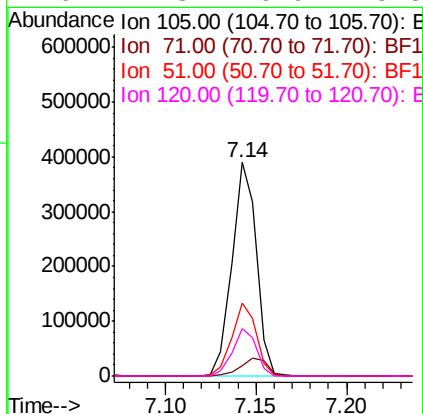
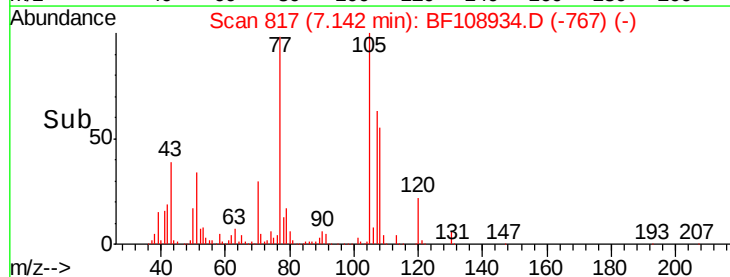
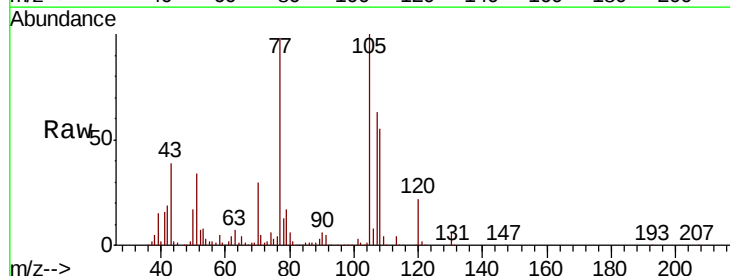
Instrument :
BNA_F
ClientSampled :

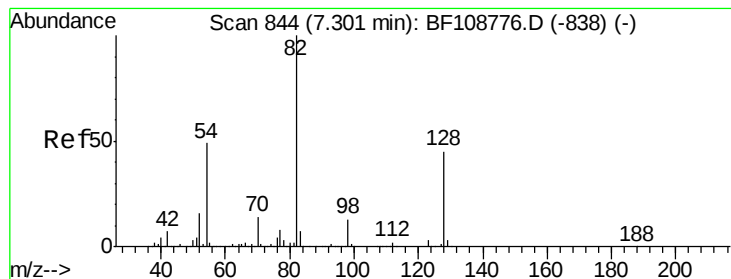
Tot Ion:136	Resp:	668084
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	8.1	6.6 9.8
68	6.7	5.0 7.4



#22
Acetophenone
Concen: 24.106 ng
RT: 7.14 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Tgt Ion:105	Resp:	365508
Ion Ratio	Lower	Upper
105	100	
71	4.9	4.4 6.6
51	34.5	22.3 33.5#
120	22.3	16.9 25.3





#23

Nitrobenzene-d5

Concen: 55.208 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF108934.D

Acq: 11 Sep 2018 14:48

Instrument :

BNA_F

ClientSampleId :

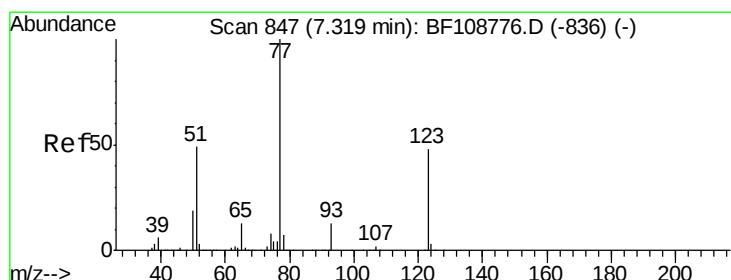
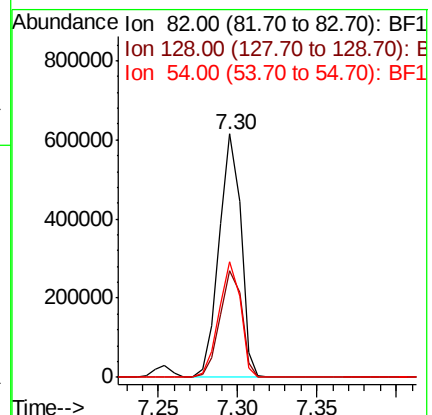
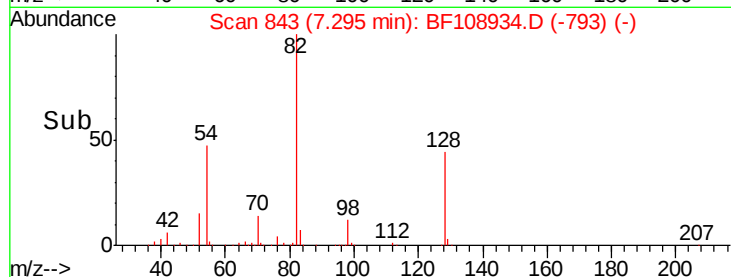
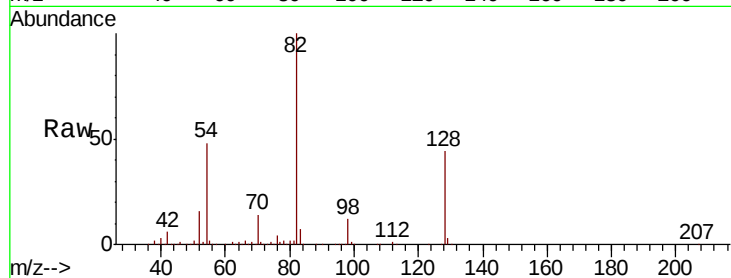
Tot Ion: 82 Resp: 589370

Ion Ratio Lower Upper

82 100

128 43.8 36.1 54.1

54 47.6 41.4 62.2



#24

Nitrobenzene

Concen: 25.663 ng

RT: 7.31 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF108934.D

Acq: 11 Sep 2018 14:48

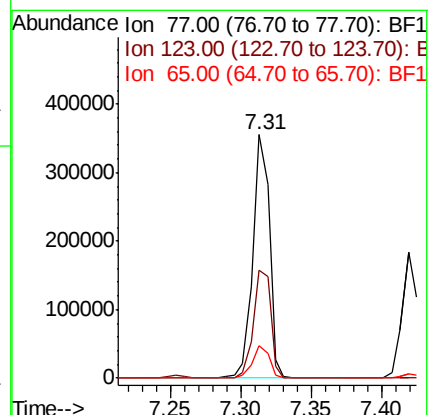
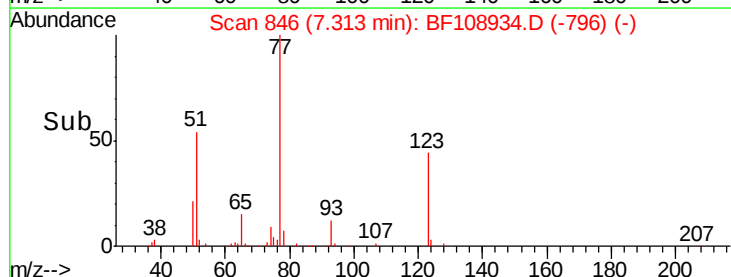
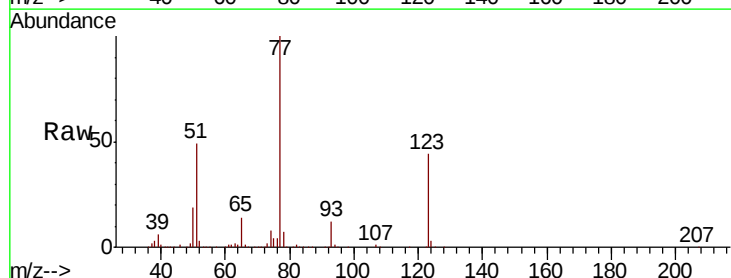
Tgt Ion: 77 Resp: 293956

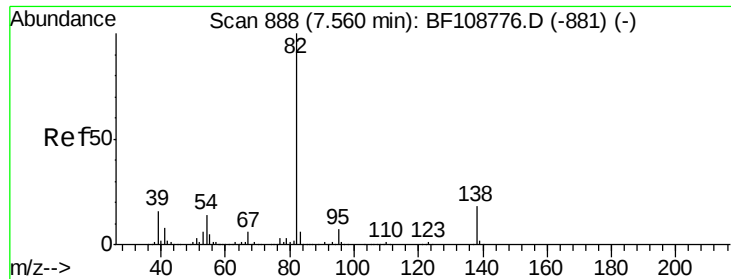
Ion Ratio Lower Upper

77 100

123 44.3 37.9 56.9

65 13.6 11.0 16.4

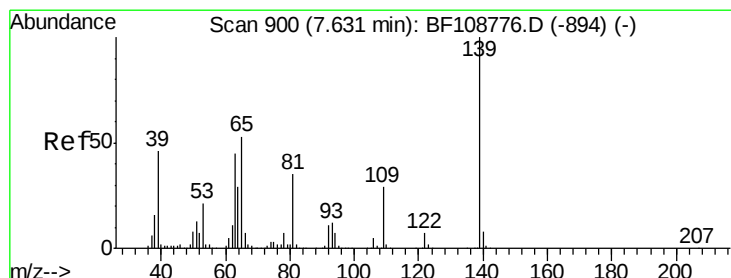
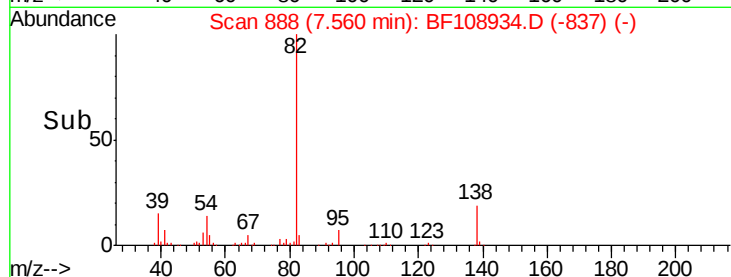
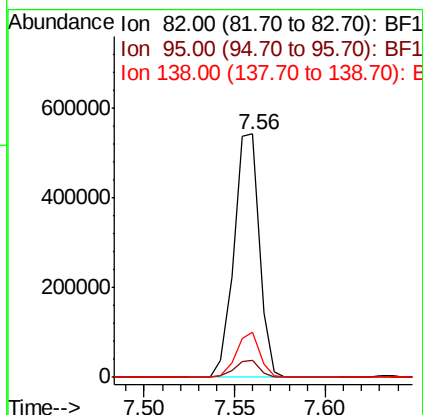
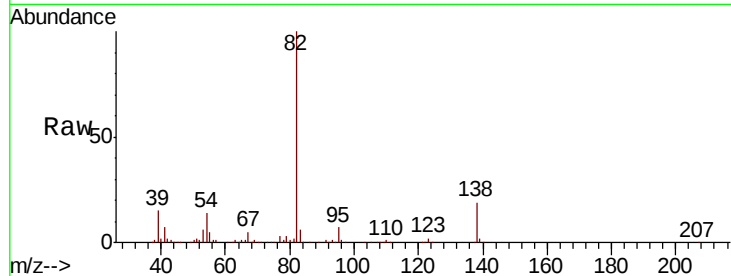




#25
Isophorone
Concen: 24.901 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

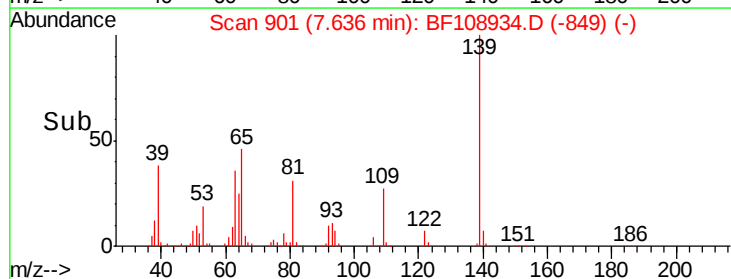
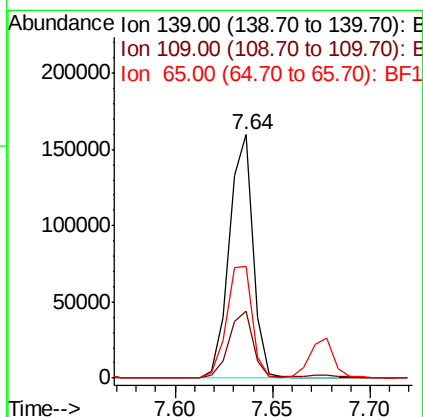
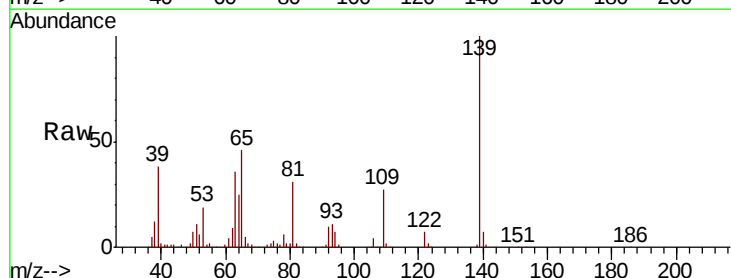
Instrument :
BNA_F
ClientSampleId :

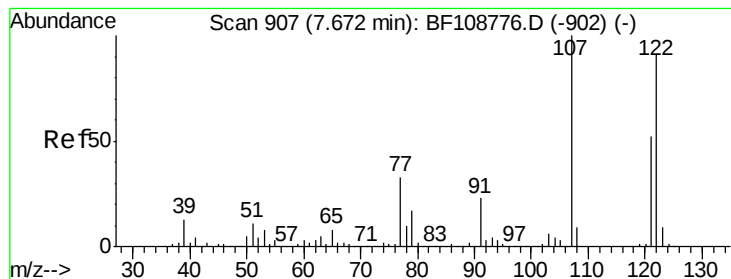
Tot Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.2	7.8
138	18.6	14.9	22.3



#26
2-Nitrophenol
Concen: 29.804 ng
RT: 7.64 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.4	22.7	34.1
65	45.7	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 26.552 ng

RT: 7.68 min Scan# 908

Delta R.T. 0.01 min

Lab File: BF108934.D

Acq: 11 Sep 2018 14:48

Instrument :

BNA_F

ClientSampleId :

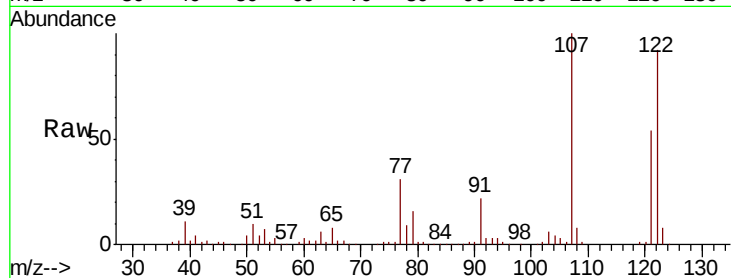
Tot Ion:122 Resp: 243326

Ion Ratio Lower Upper

122 100

107 108.8 91.2 136.8

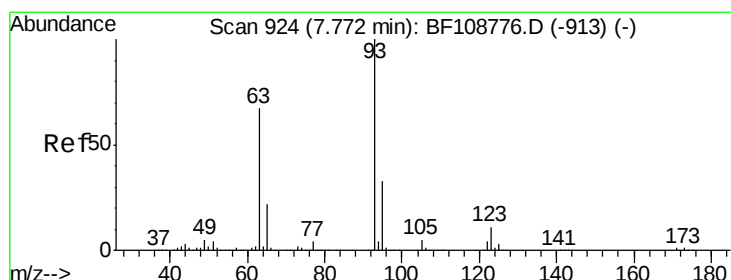
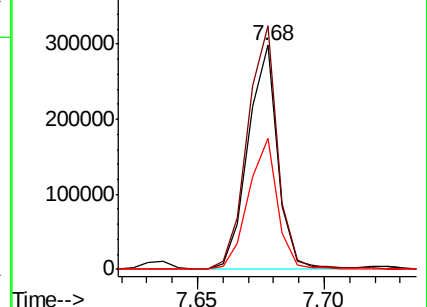
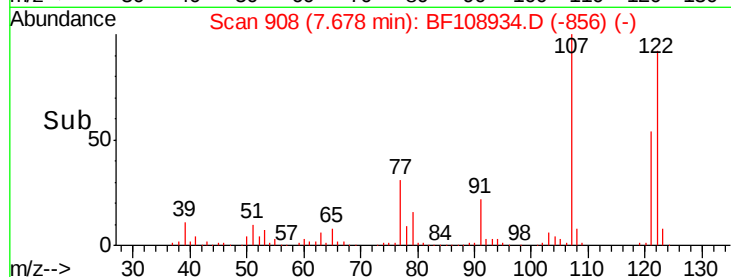
121 58.7 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 23.781 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF108934.D

Acq: 11 Sep 2018 14:48

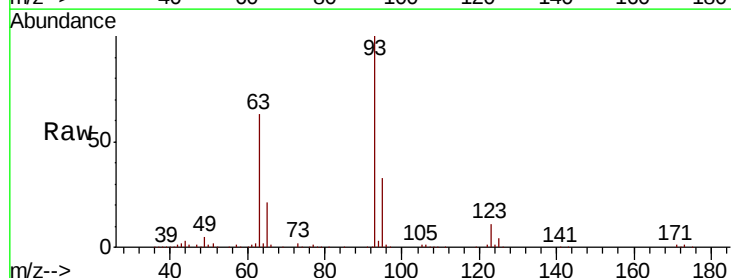
Tgt Ion: 93 Resp: 338568

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

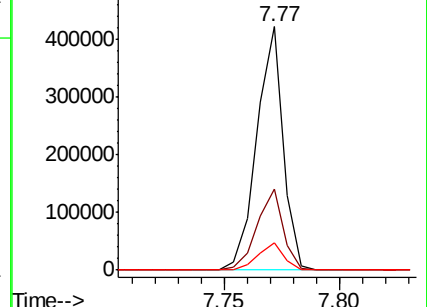
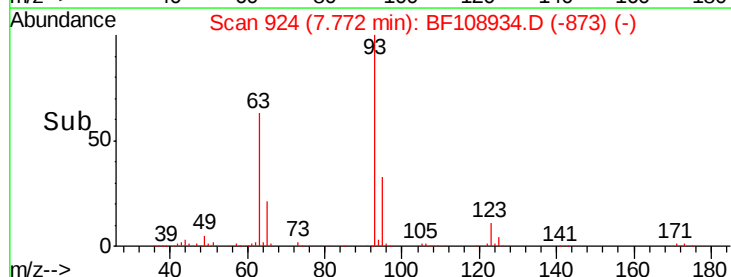
123 11.0 9.8 14.6

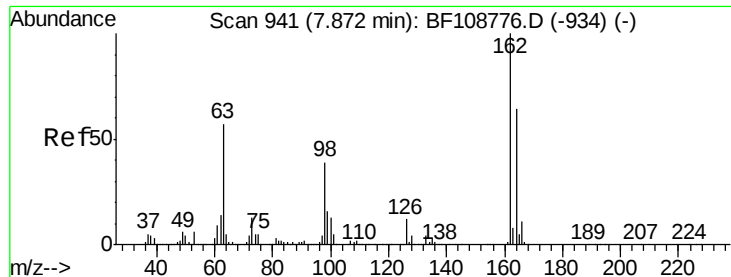


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

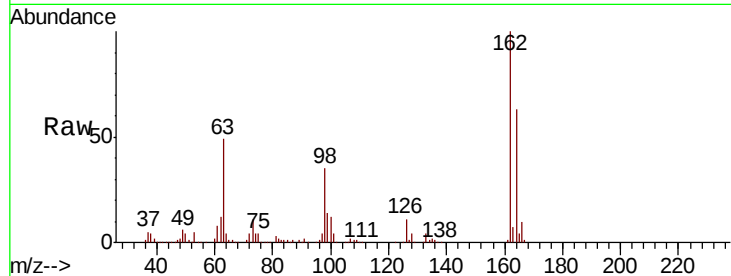




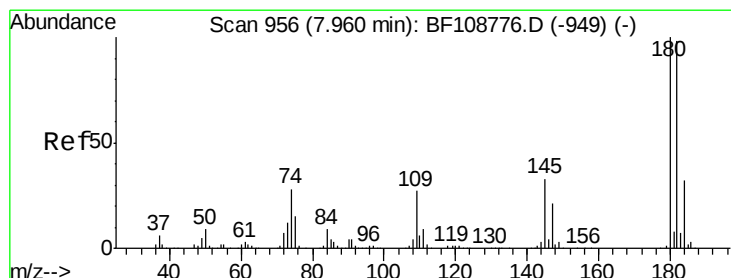
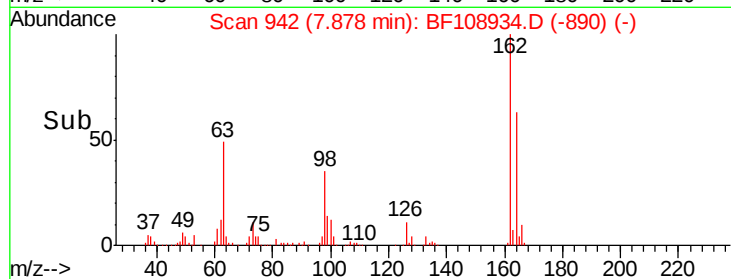
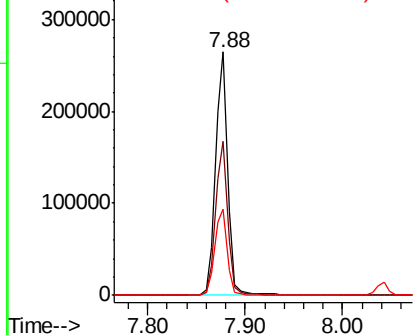
#29
2,4-Dichlorophenol
Concen: 24.192 ng
RT: 7.88 min Scan# 942
Delta R.T. 0.01 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	42.7	82.7
98	35.3	18.1	58.1

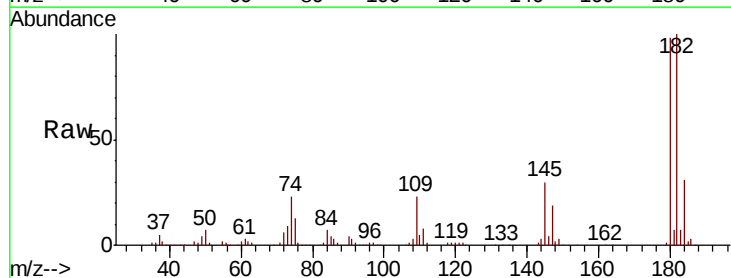


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

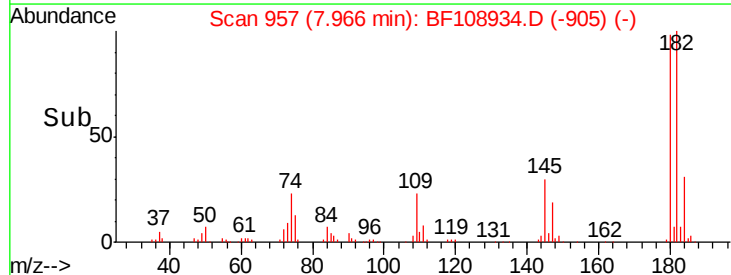
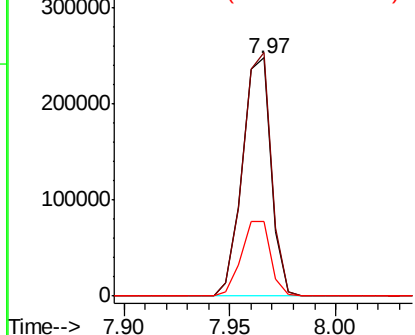


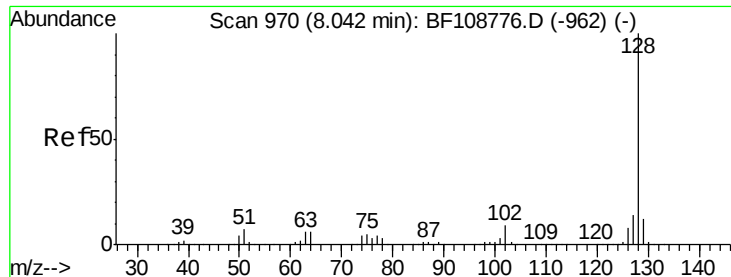
#30
1,2,4-Trichlorobenzene
Concen: 22.851 ng
RT: 7.97 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.2	76.8	115.2
145	31.1	26.5	39.7



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

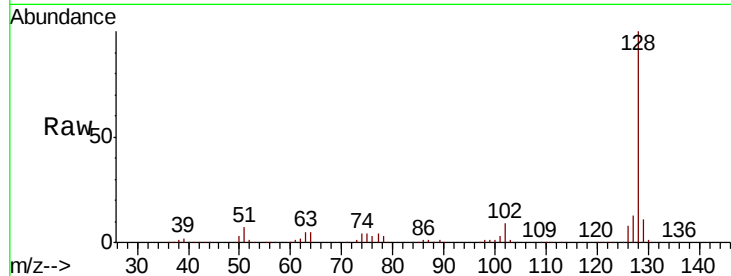




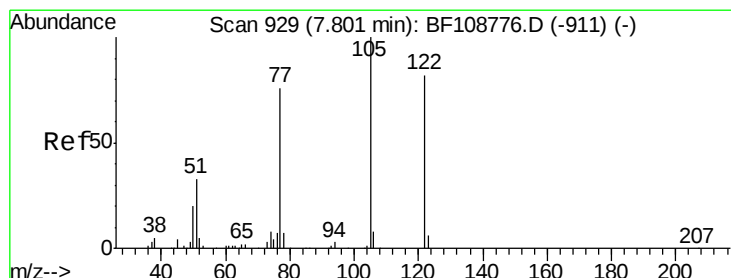
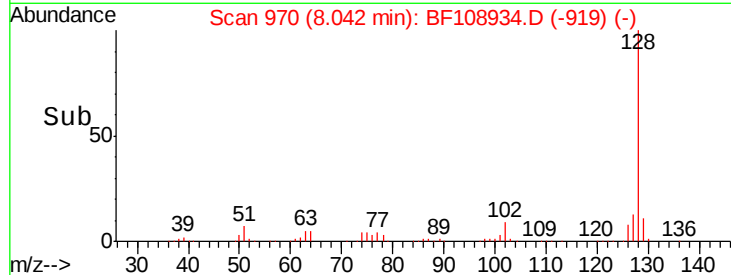
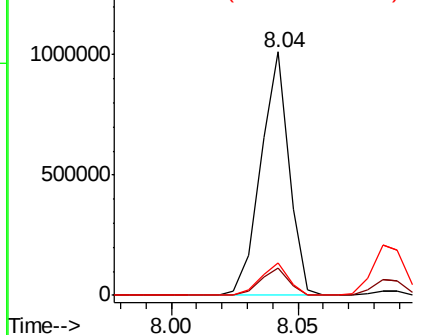
#31
Naphthalene
Concen: 26.283 ng
RT: 8.04 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.3	10.9	16.3

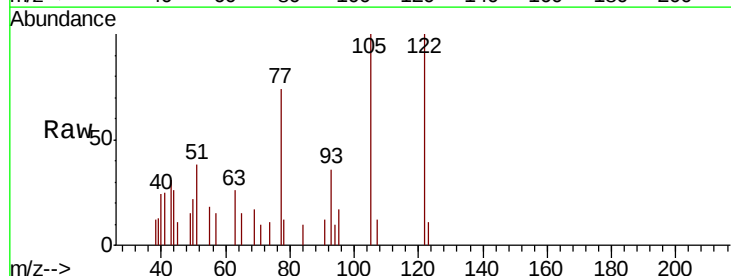


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

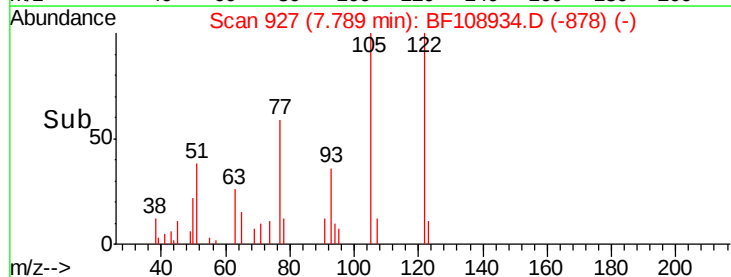
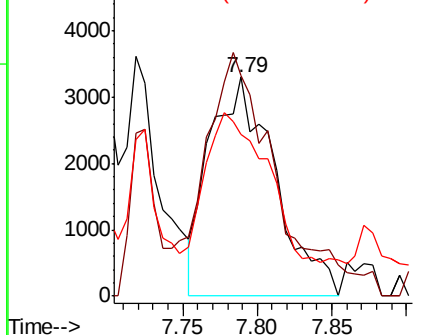


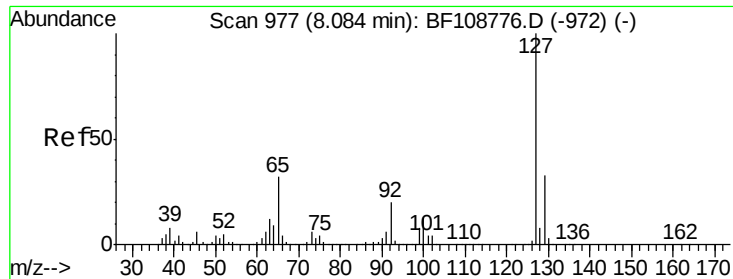
#32
Benzoic acid
Concen: 5.764 ng
RT: 7.79 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	100.5	101.1	141.1#
77	74.0	70.7	110.7



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

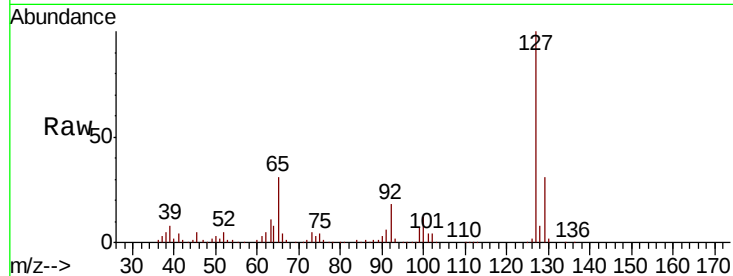




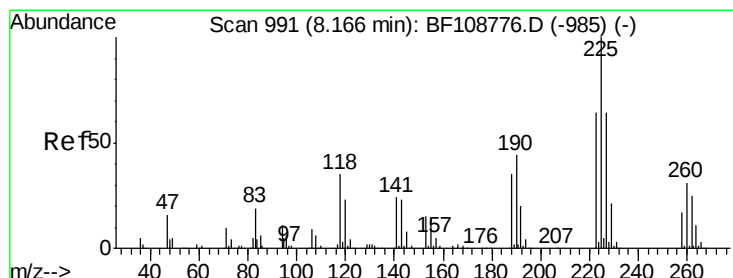
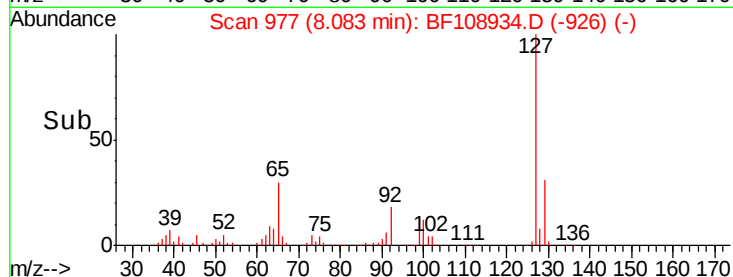
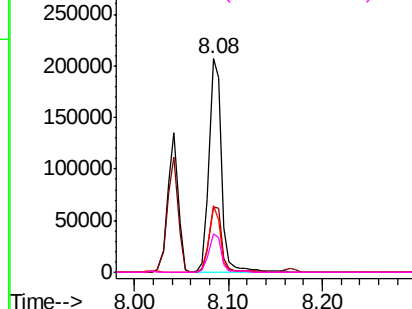
#33
4-Chloroaniline
Concen: 14.196 ng
RT: 8.08 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	195975
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.9	38.9
65	31.1	25.0	37.4
92	18.2	15.2	22.8

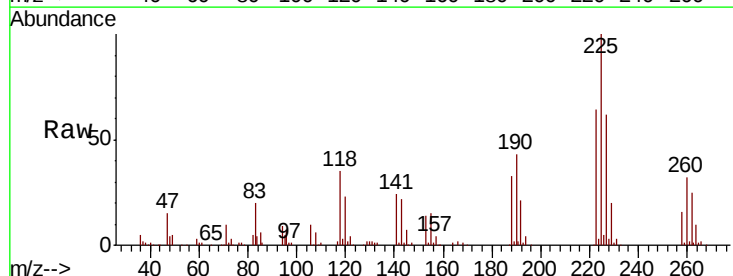


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

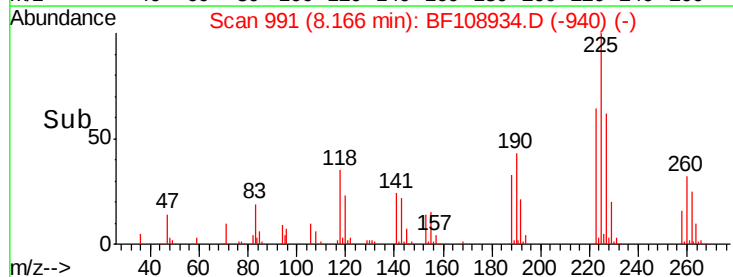
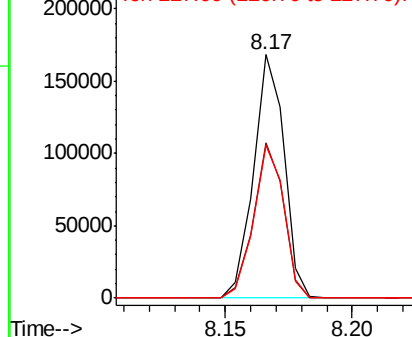


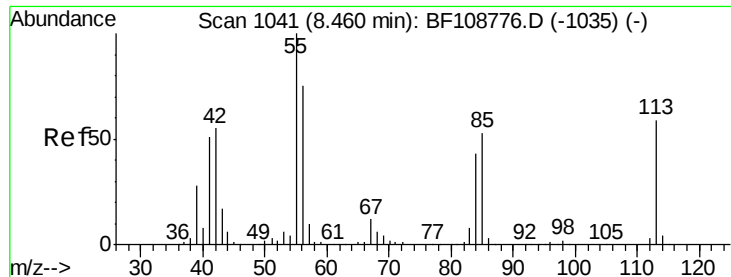
#34
Hexachlorobutadiene
Concen: 23.171 ng
RT: 8.17 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Tgt Ion:	225	Resp:	141749
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	76.0
227	62.5	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

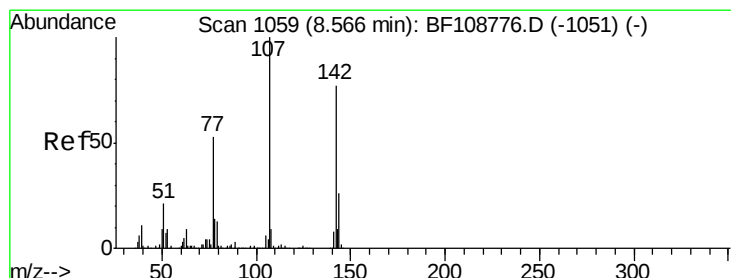
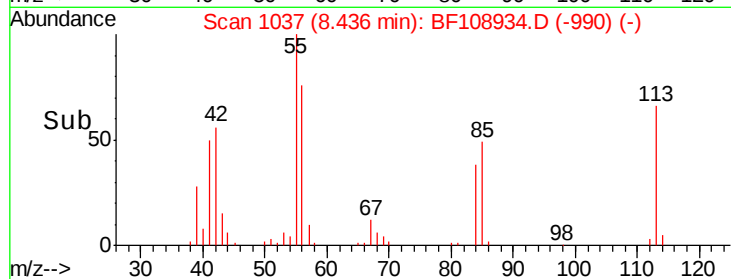
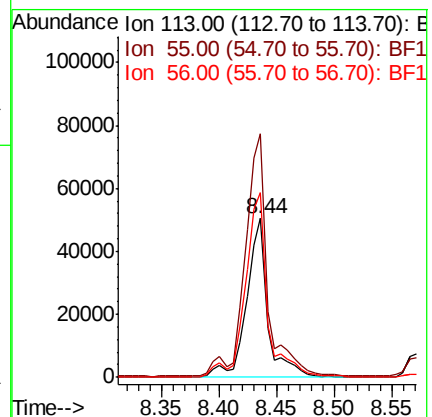
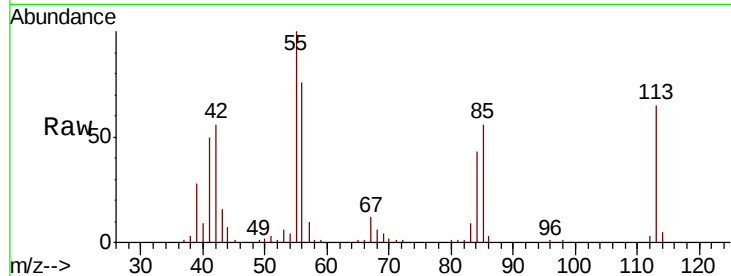




#35
Caprolactam
Concen: 19.868 ng
RT: 8.44 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

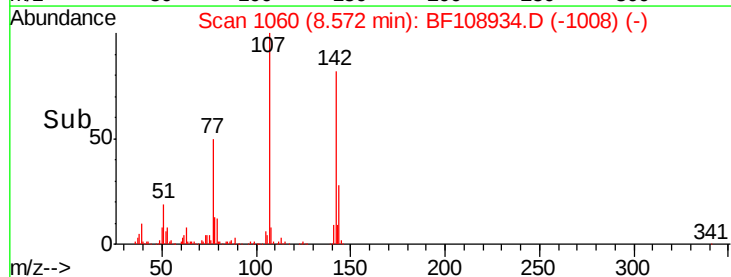
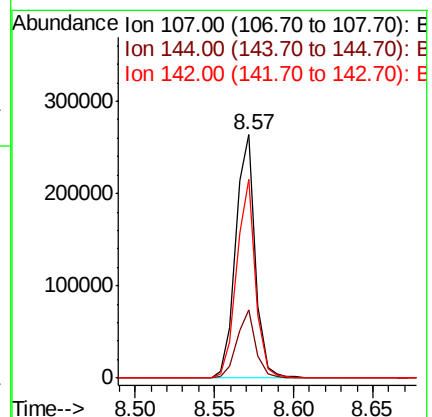
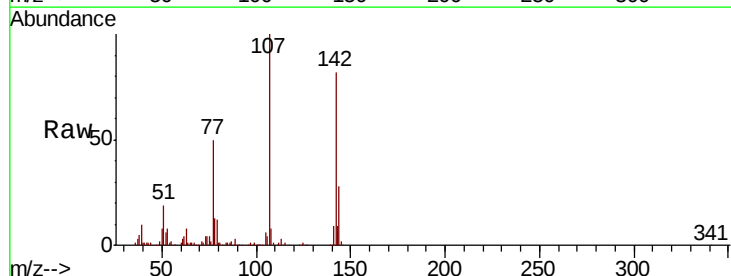
Instrument :
BNA_F
ClientSampleId :

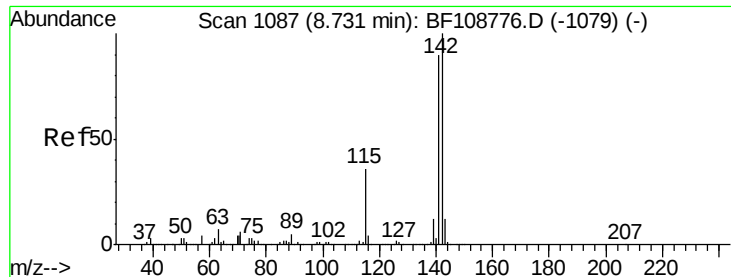
Tot Ion:113 Resp: 63615
Ion Ratio Lower Upper
113 100
55 153.1 163.3 203.3#
56 116.0 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 22.444 ng
RT: 8.57 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Tgt Ion:107 Resp: 225921
Ion Ratio Lower Upper
107 100
144 27.9 20.5 30.7
142 81.7 62.0 93.0

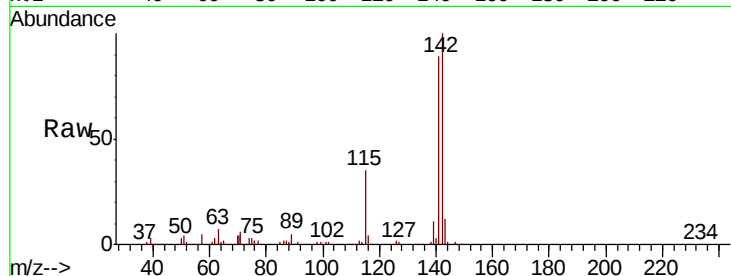




#37
 2-Methylnaphthalene
 Concen: 26.021 ng
 RT: 8.73 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BF108934.D
 Acq: 11 Sep 2018 14:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	34.8	26.1	39.1

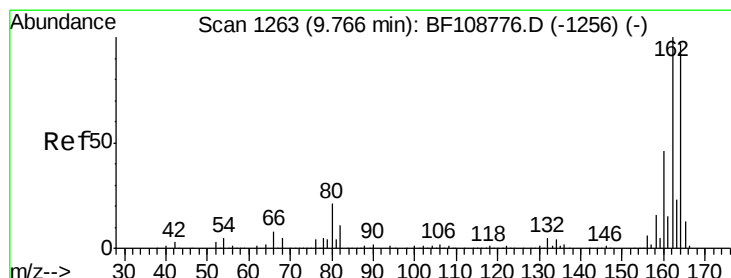
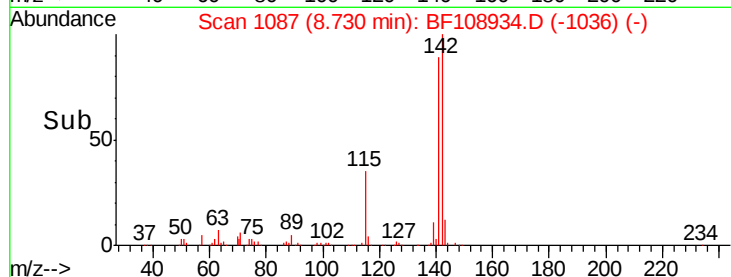
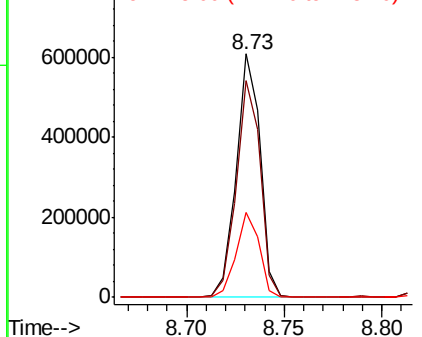


Abundance

Ion 142.00 (141.70 to 142.70): E

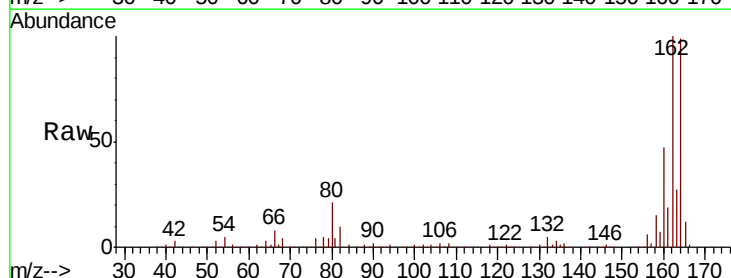
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BF108934.D
 Acq: 11 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	86.1	129.1
160	47.3	38.3	57.5

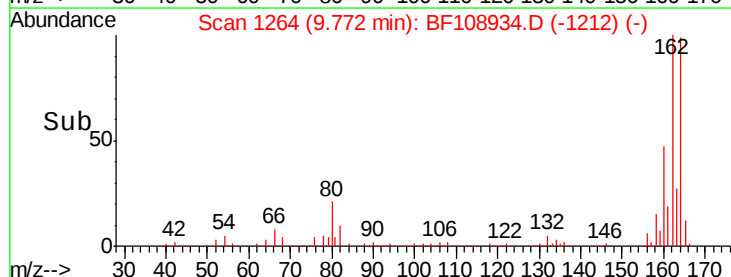
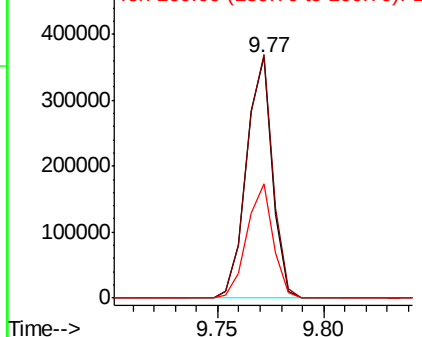


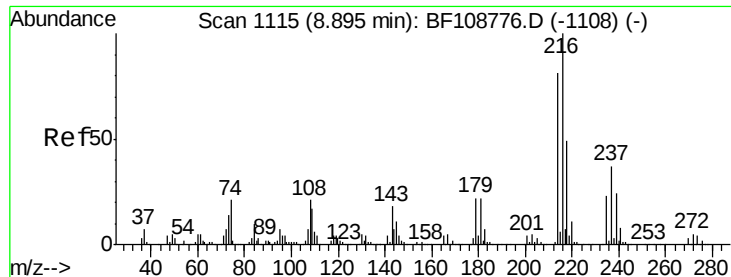
Abundance

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: 24.676 ng

RT: 8.90 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF108934.D

Acq: 11 Sep 2018 14:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 227821

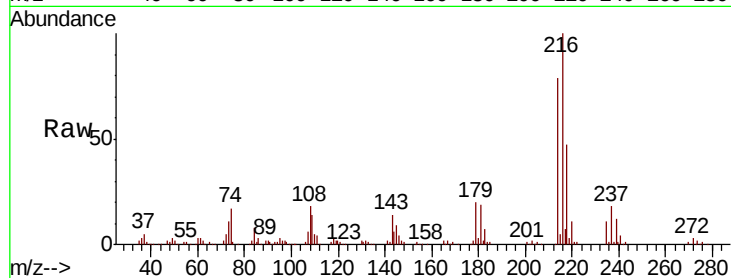
Ion Ratio Lower Upper

216 100

214 78.2 63.0 94.4

179 20.1 18.1 27.1

108 21.3 17.2 25.8

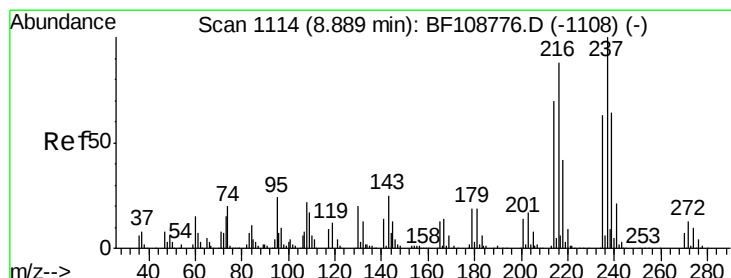
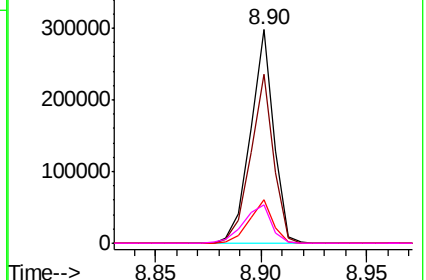
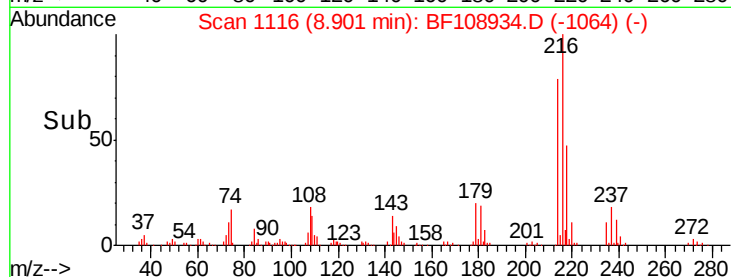


Abundance Ion 216.00 (215.70 to 216.70): E

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: 54.435 ng

RT: 8.90 min Scan# 1115

Delta R.T. 0.01 min

Lab File: BF108934.D

Acq: 11 Sep 2018 14:48

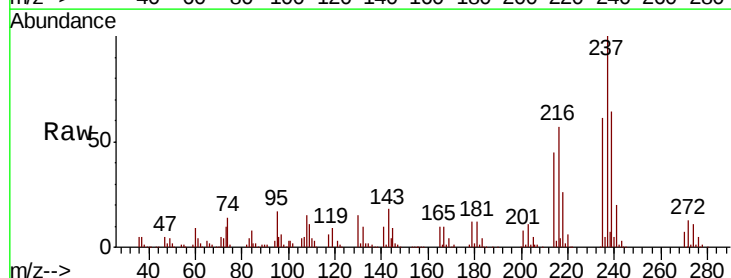
Tgt Ion:237 Resp: 252829

Ion Ratio Lower Upper

237 100

235 61.3 44.8 84.8

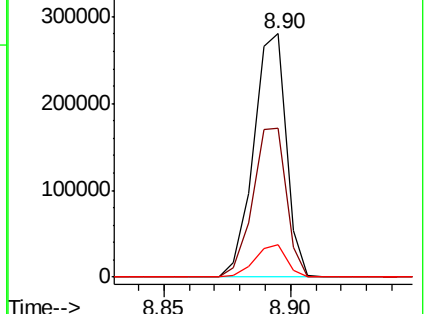
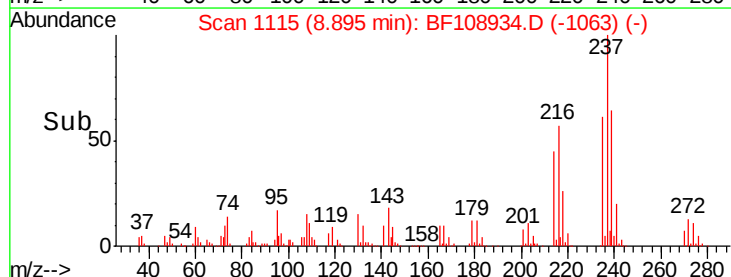
272 13.4 0.0 33.3

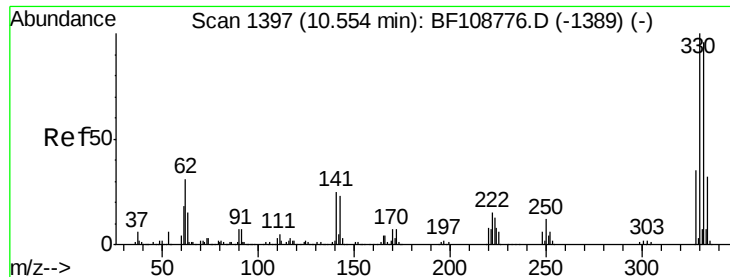


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

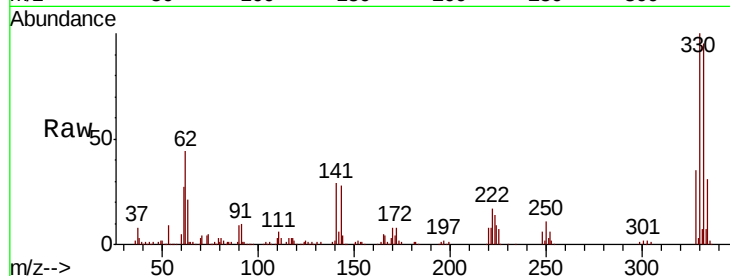




#41
 2,4,6-Tribromophenol
 Concen: 70.319 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108934.D
 Acq: 11 Sep 2018 14:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	32.7	29.9	44.9

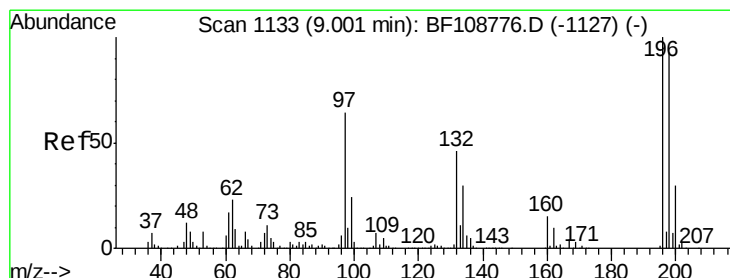
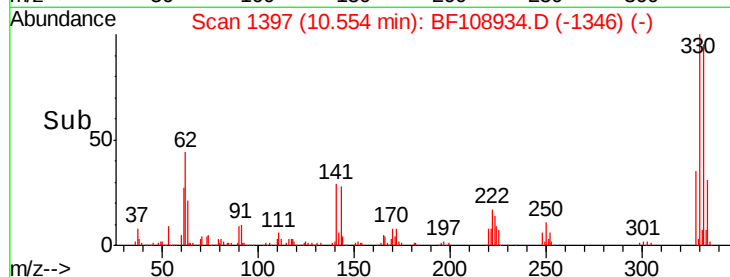
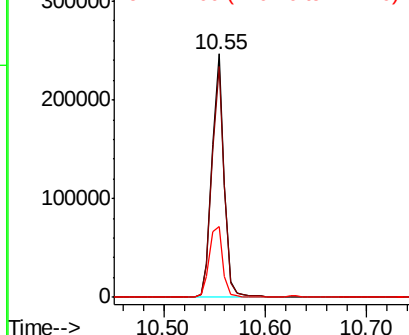


Abundance

Ion 329.80 (329.50 to 330.50): E

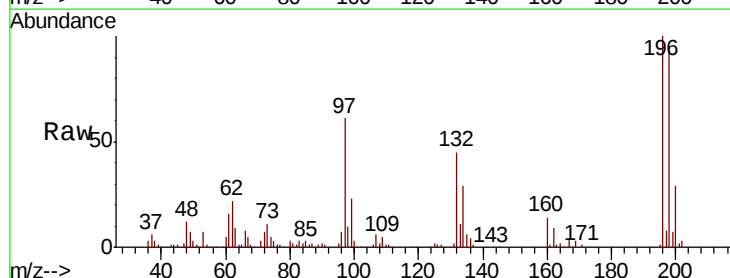
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 24.383 ng
 RT: 9.01 min Scan# 1134
 Delta R.T. 0.01 min
 Lab File: BF108934.D
 Acq: 11 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	75.7	113.5
200	28.7	24.5	36.7

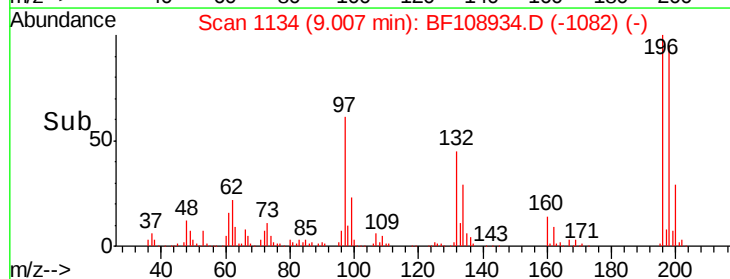
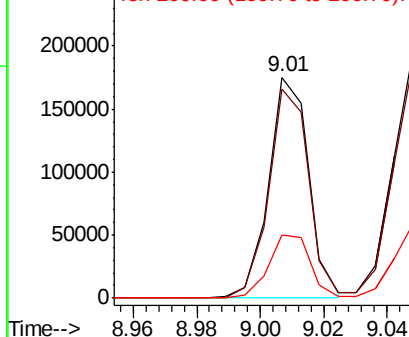


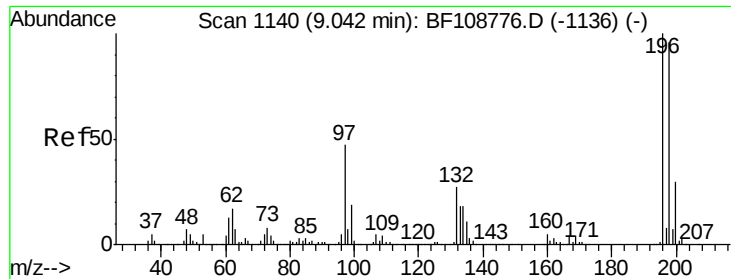
Abundance

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

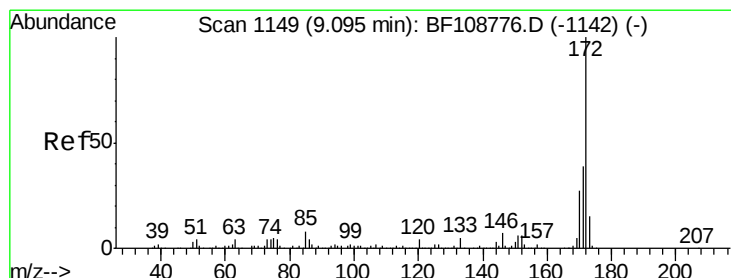
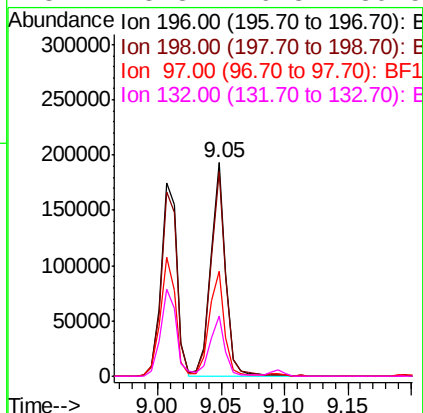
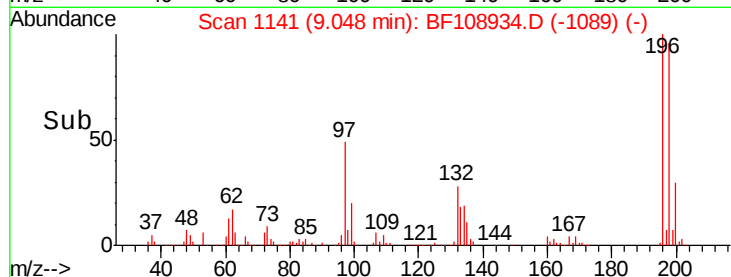
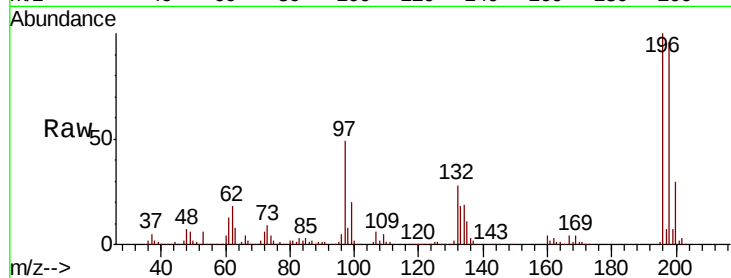




#43
 2,4,5-Trichlorophenol
 Concen: 24.931 ng
 RT: 9.05 min Scan# 1141
 Delta R.T. 0.01 min
 Lab File: BF108934.D
 Acq: 11 Sep 2018 14:48

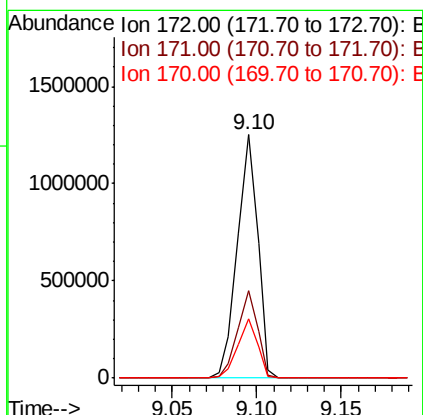
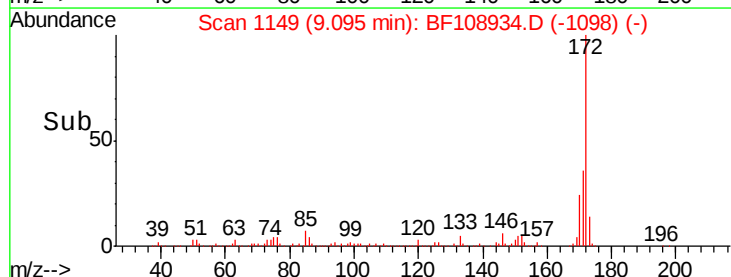
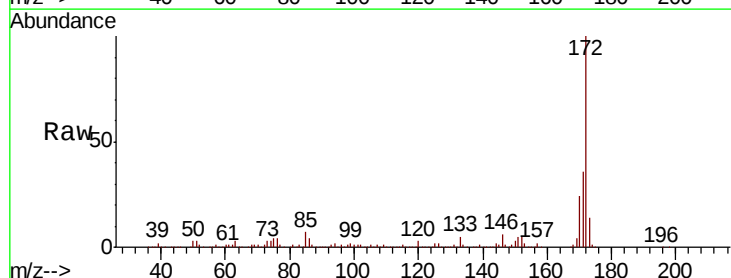
Instrument :
 BNA_F
 ClientSampled :

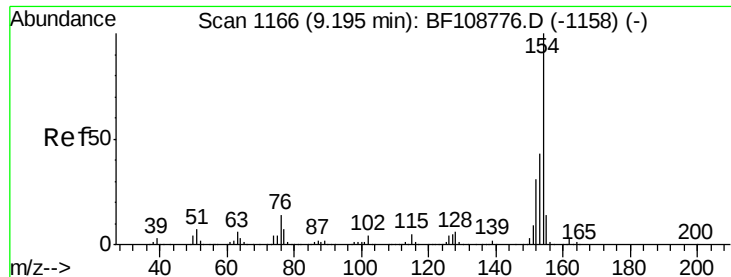
Tot Ion:196 Resp: 162507
 Ion Ratio Lower Upper
 196 100
 198 96.1 74.6 112.0
 97 49.2 42.9 64.3
 132 28.3 26.3 39.5



#44
 2-Fluorobiphenyl
 Concen: 58.157 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108934.D
 Acq: 11 Sep 2018 14:48

Tgt Ion:172 Resp: 1052860
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.4 19.6 29.4





#45

1,1'-Biphenyl

Concen: 25.642 ng

RT: 9.20 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF108934.D

Acq: 11 Sep 2018 14:48

Instrument :

BNA_F

ClientSampled :

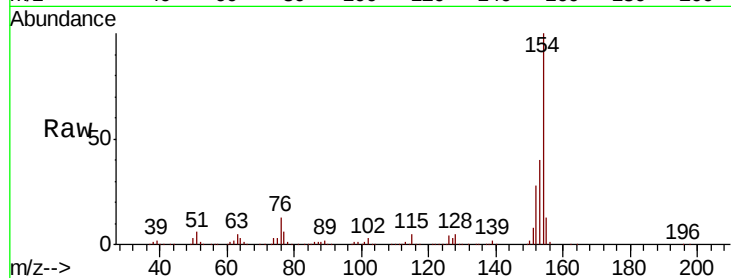
Tot Ion:154 Resp: 609683

Ion Ratio Lower Upper

154 100

153 39.7 21.3 61.3

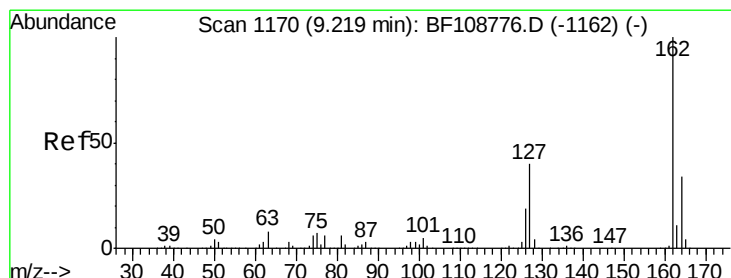
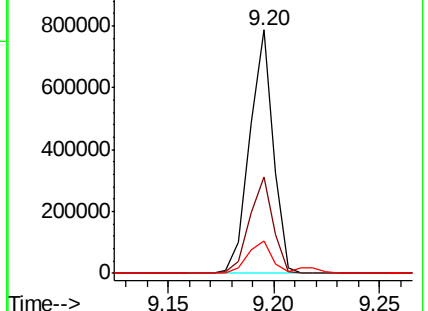
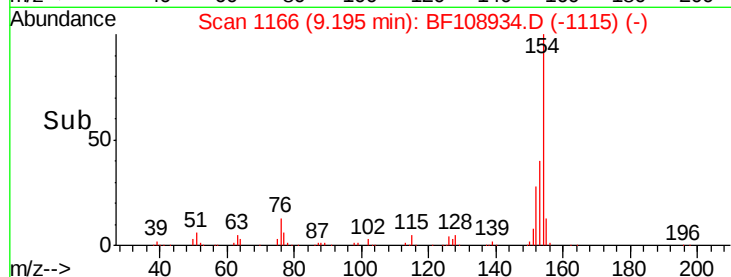
76 13.1 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 24.372 ng

RT: 9.22 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF108934.D

Acq: 11 Sep 2018 14:48

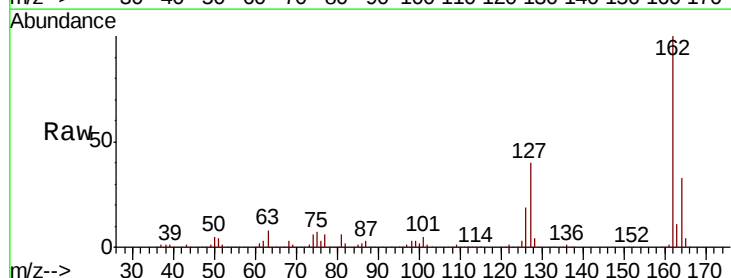
Tgt Ion:162 Resp: 468673

Ion Ratio Lower Upper

162 100

127 39.6 33.9 50.9

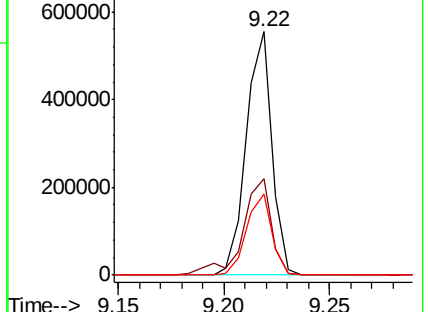
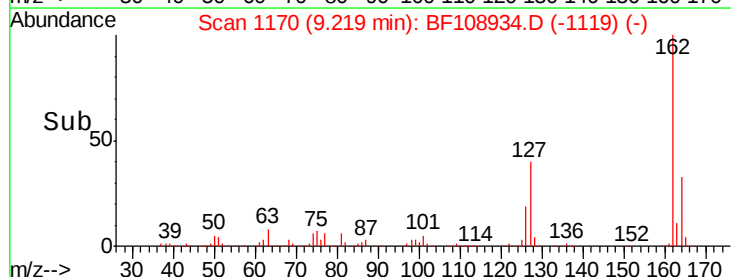
164 33.4 26.5 39.7

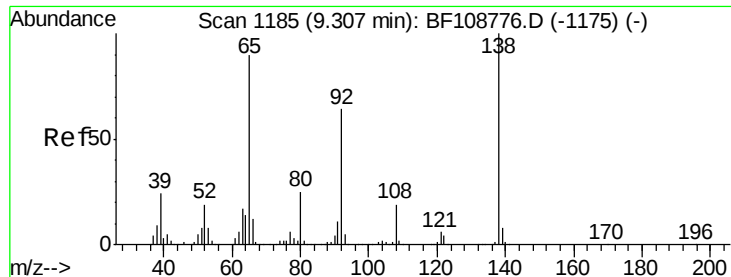


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

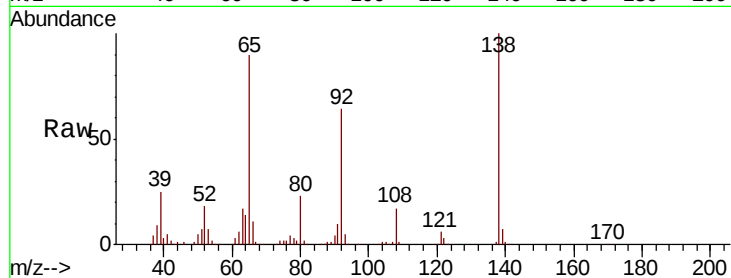




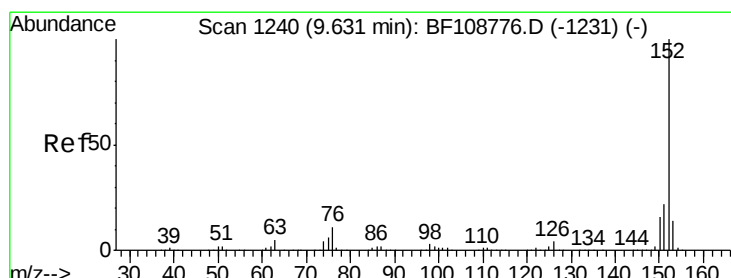
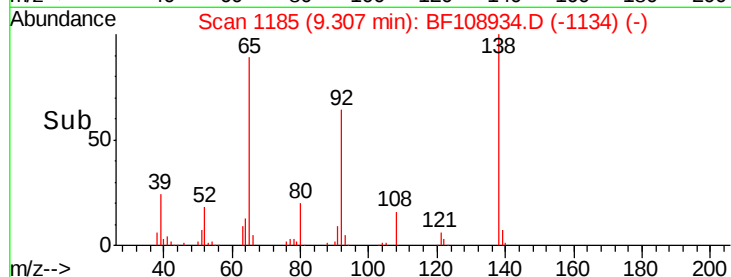
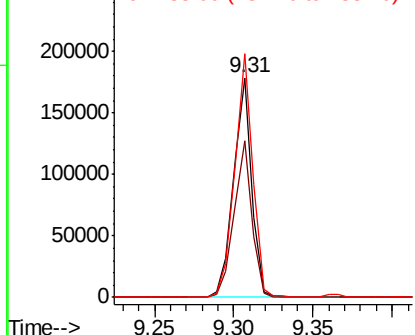
#47
2-Nitroaniline
Concen: 27.085 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 142287
Ion Ratio Lower Upper
65 100
92 71.4 55.8 83.6
138 110.8 91.2 136.8

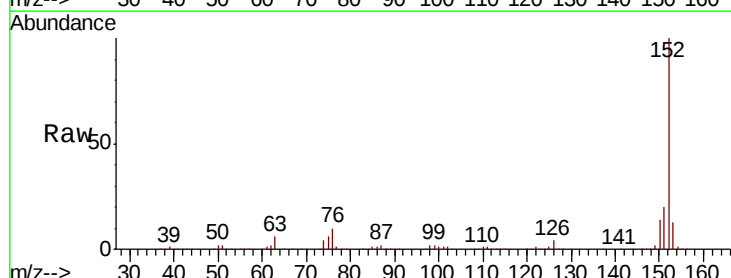


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

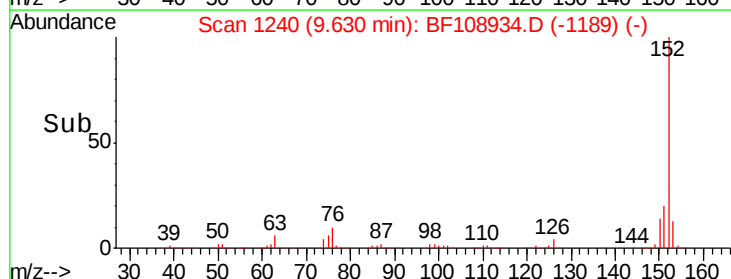
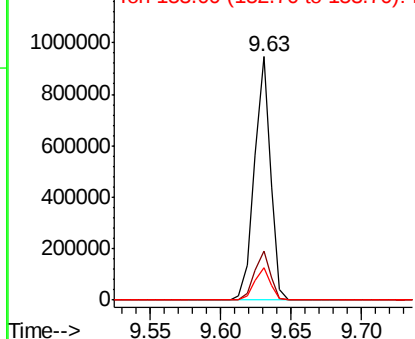


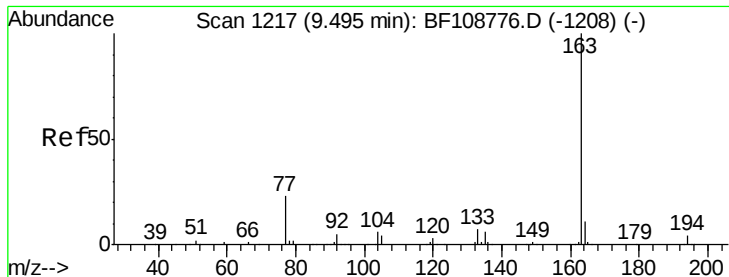
#48
Acenaphthylene
Concen: 26.497 ng
RT: 9.63 min Scan# 1240
Delta R.T. -0.00 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Tgt Ion: 152 Resp: 759485
Ion Ratio Lower Upper
152 100
151 20.1 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

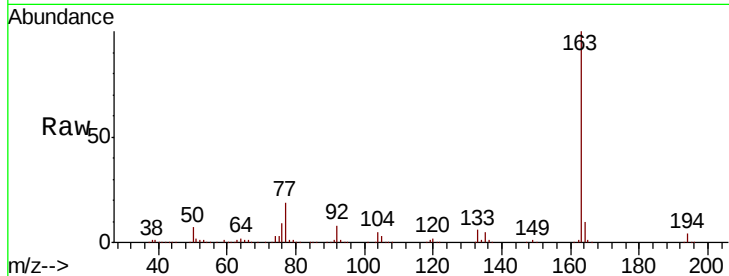




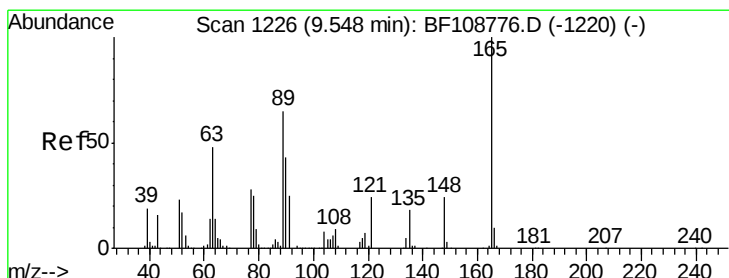
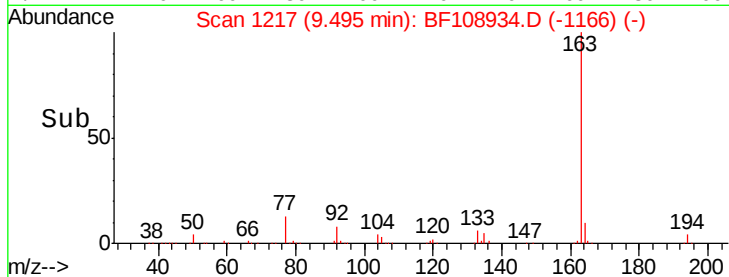
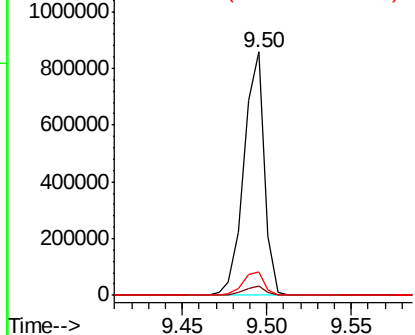
#49
Dimethylphthalate
Concen: 33.482 ng
RT: 9.50 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 723269
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.9 8.2 12.2

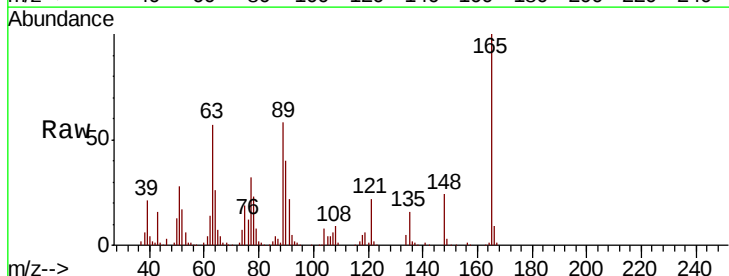


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

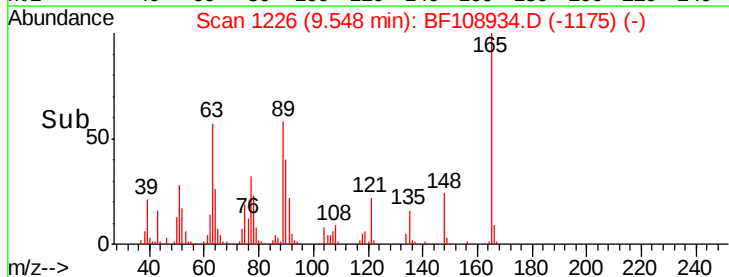
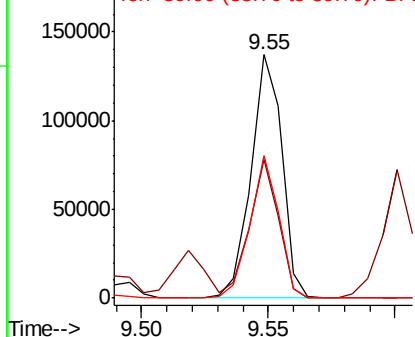


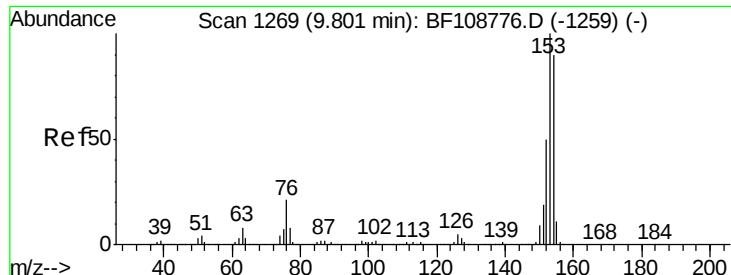
#50
2,6-Dinitrotoluene
Concen: 28.344 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.00 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Tgt Ion:165 Resp: 116669
Ion Ratio Lower Upper
165 100
63 57.2 44.7 67.1
89 58.5 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: 25.497 ng

RT: 9.80 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF108934.D

Acq: 11 Sep 2018 14:48

Instrument :

BNA_F

ClientSampleId :

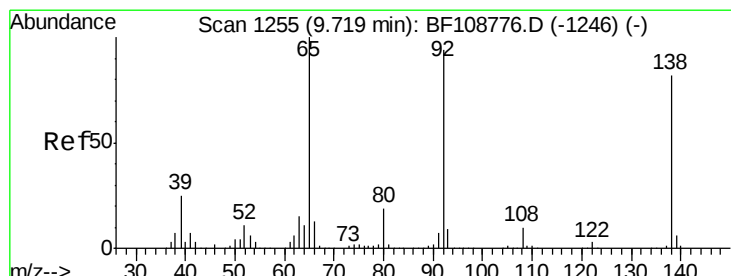
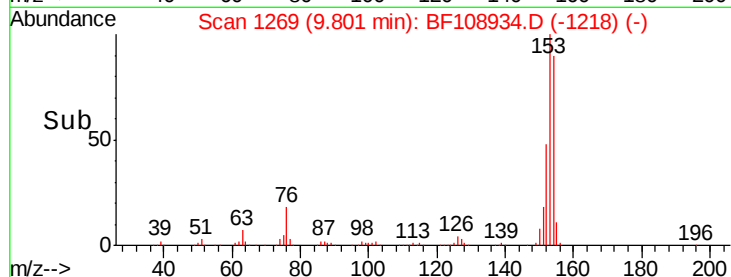
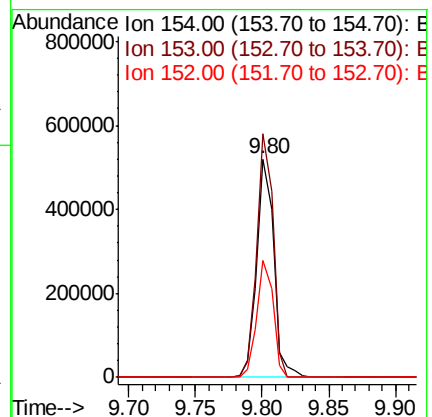
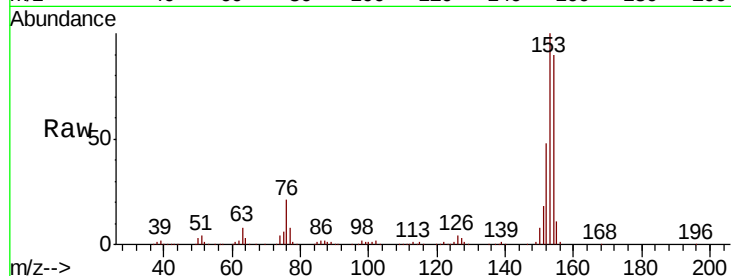
Tot Ion:154 Resp: 452250

Ion Ratio Lower Upper

154 100

153 111.6 91.2 136.8

152 53.7 43.8 65.8



#52

3-Nitroaniline

Concen: 19.802 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF108934.D

Acq: 11 Sep 2018 14:48

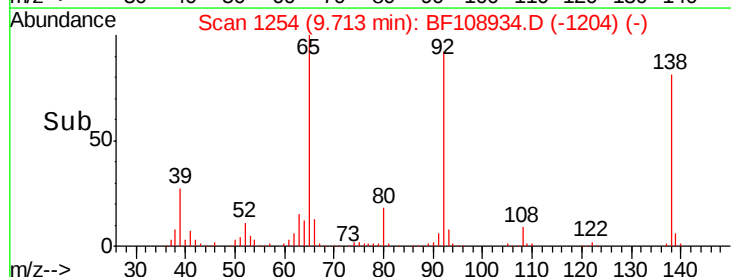
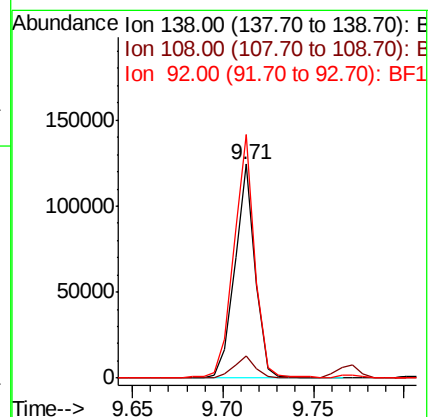
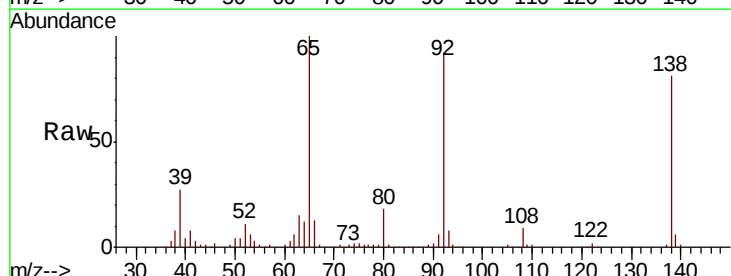
Tgt Ion:138 Resp: 97028

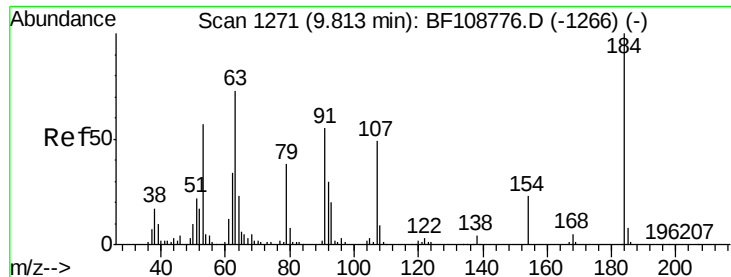
Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

92 114.0 89.4 134.2

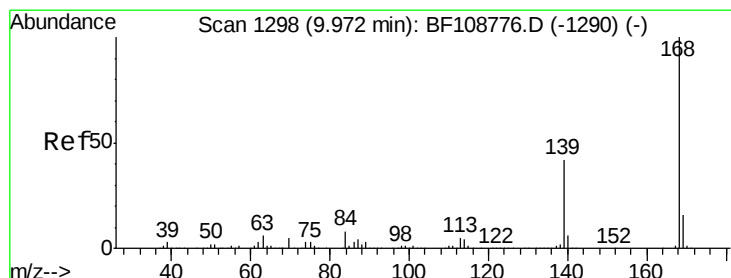
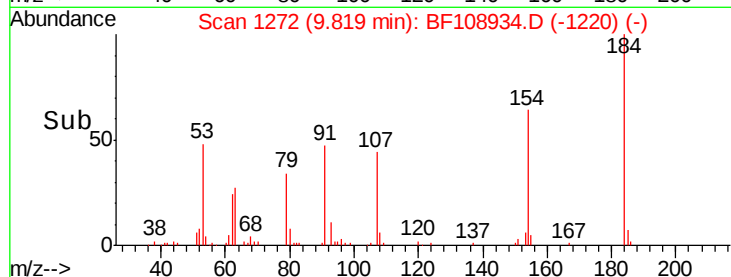
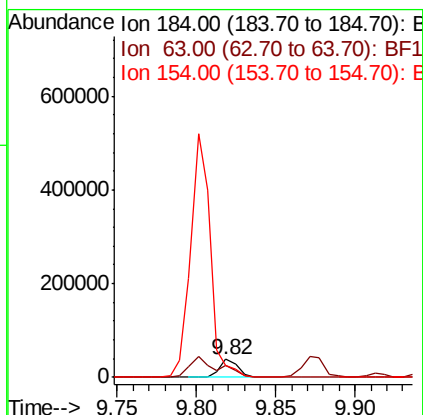
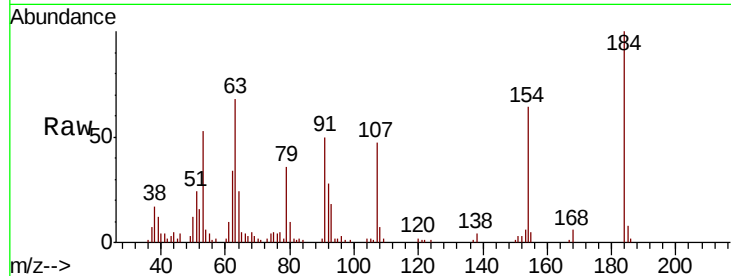




#53
2,4-Dinitrophenol
Concen: 28.014 ng
RT: 9.82 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

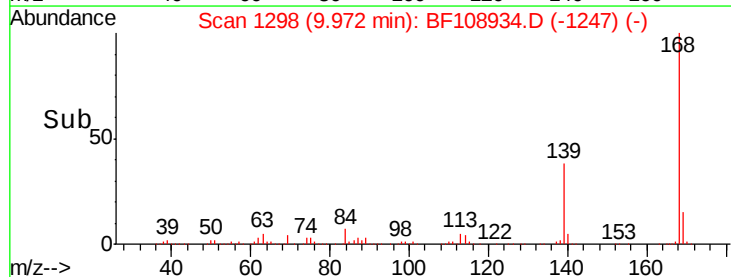
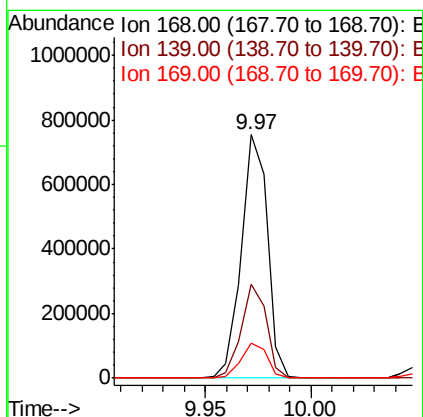
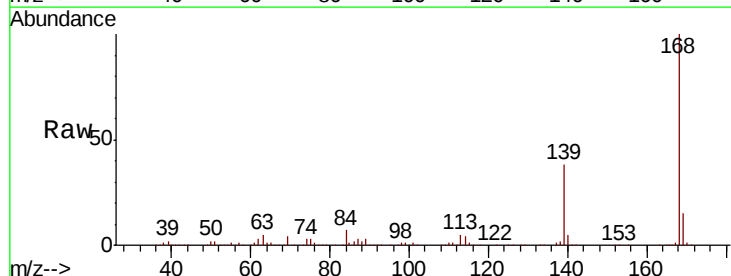
Instrument :
BNA_F
ClientSampleId :

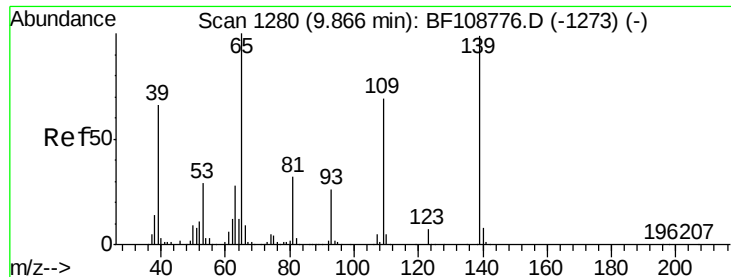
Tot Ion:184 Resp: 32020
Ion Ratio Lower Upper
184 100
63 68.5 54.2 81.2
154 63.9 184.0 276.0#



#54
Dibenzofuran
Concen: 24.910 ng
RT: 9.97 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Tgt Ion:168 Resp: 644062
Ion Ratio Lower Upper
168 100
139 38.3 30.1 45.1
169 14.5 10.9 16.3

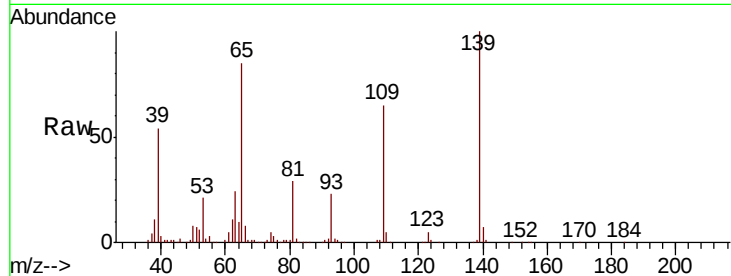




#55
4-Nitrophenol
Concen: 43.851 ng
RT: 9.88 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	64.5	48.4	88.4
65	84.8	72.6	112.6

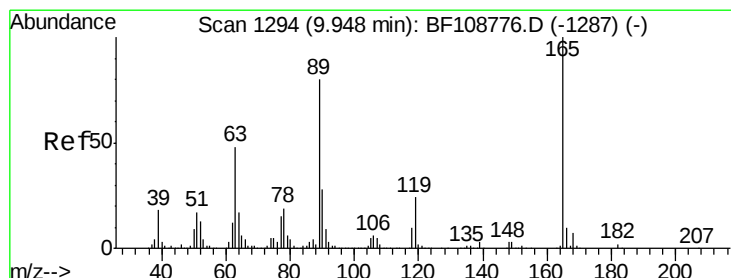
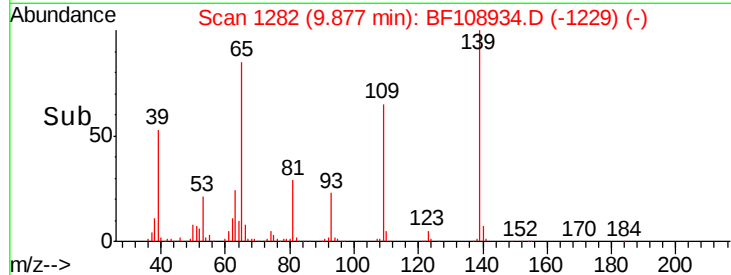
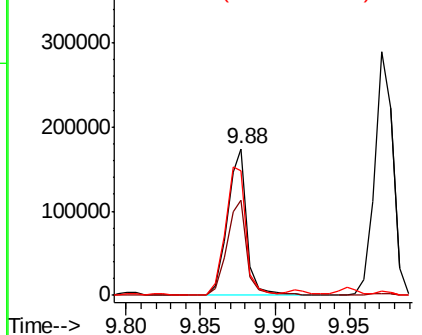


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 28.064 ng
RT: 9.95 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.2	36.4	54.6
89	77.6	57.8	86.6
182	2.9	1.6	2.4#

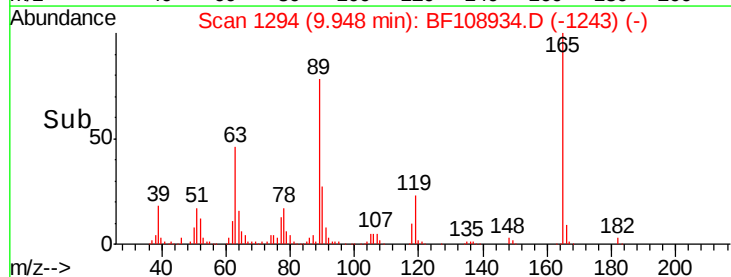
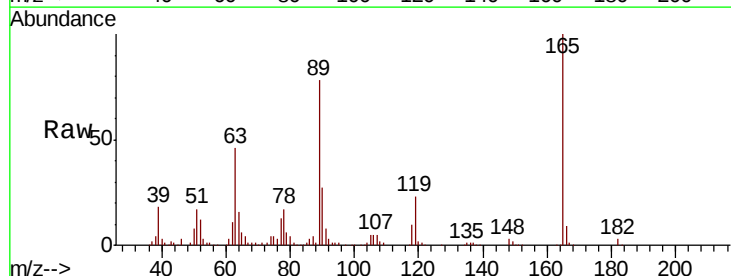
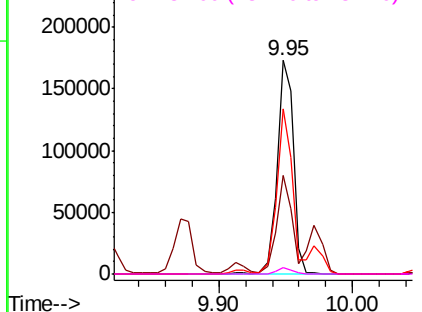
Abundance

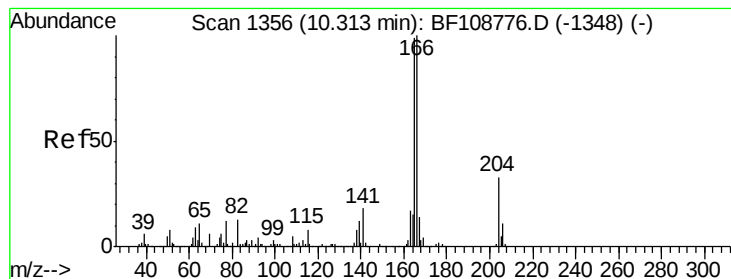
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 28.442 ng

RT: 10.31 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF108934.D

Acq: 11 Sep 2018 14:48

Instrument :

BNA_F

ClientSampleId :

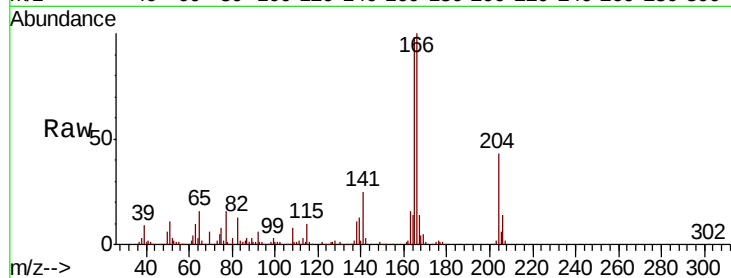
Tot Ion:166 Resp: 471924

Ion Ratio Lower Upper

166 100

165 97.7 79.8 119.8

167 14.0 10.6 16.0

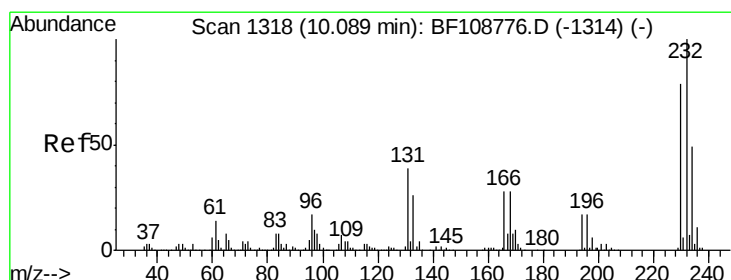
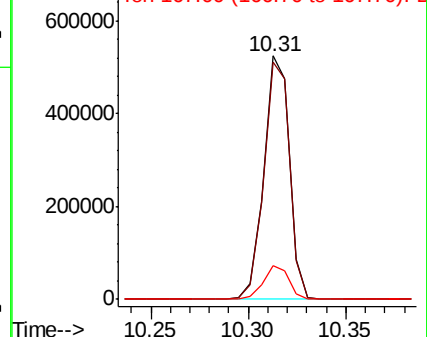
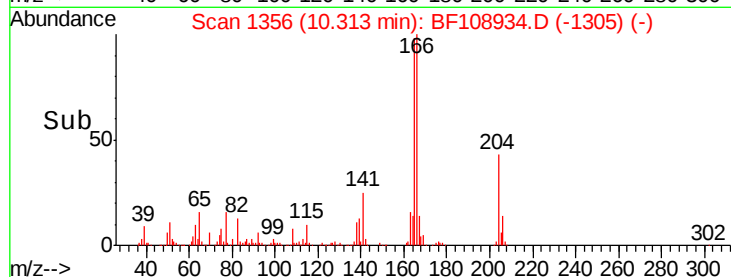


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 23.217 ng

RT: 10.10 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF108934.D

Acq: 11 Sep 2018 14:48

Tgt Ion:232 Resp: 122042

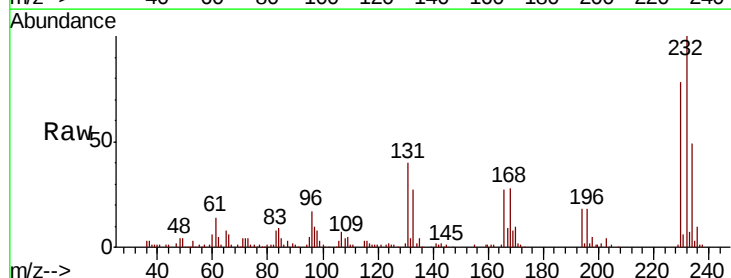
Ion Ratio Lower Upper

232 100

131 44.7 43.8 65.8

130 2.2 2.1 3.1

166 28.8 27.8 41.6



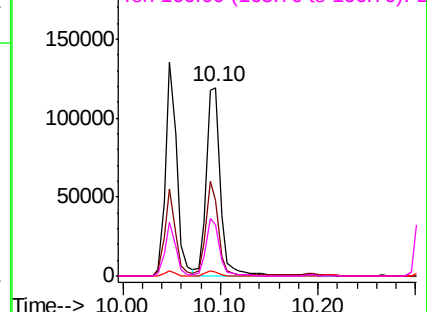
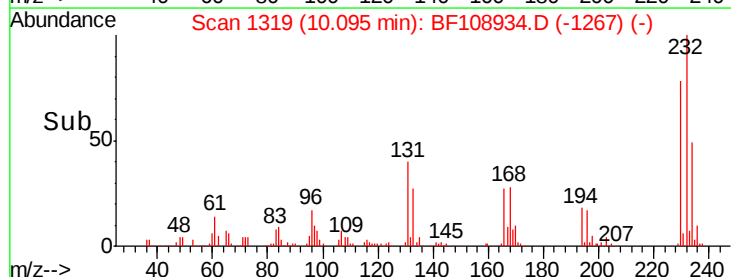
Abundance

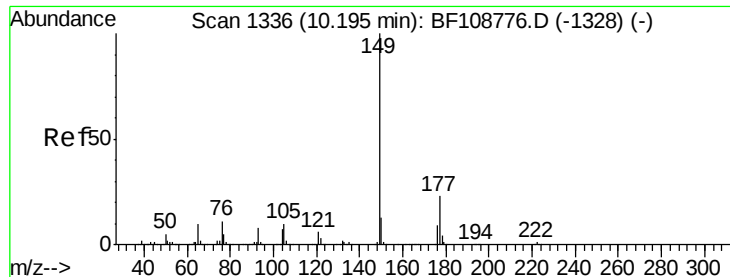
Ion 232.00 (231.70 to 232.70): E

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

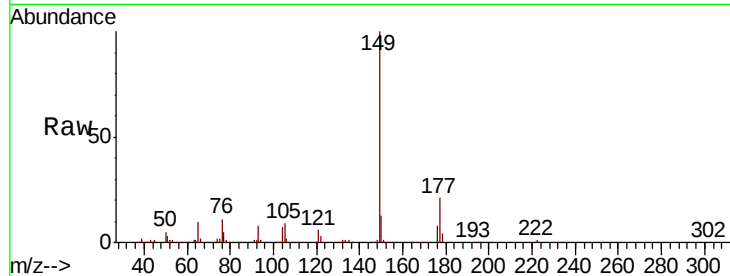




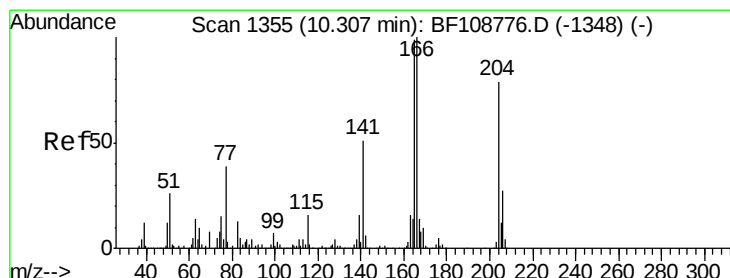
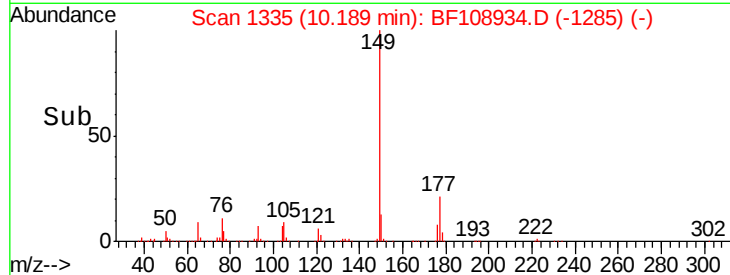
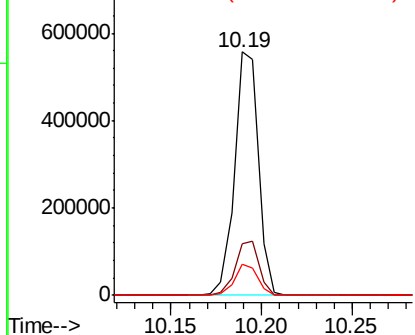
#59
Diethylphthalate
Concen: 22.926 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.1	24.1
150	12.5	10.1	15.1

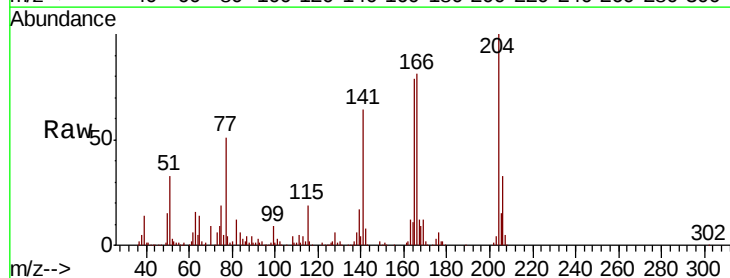


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

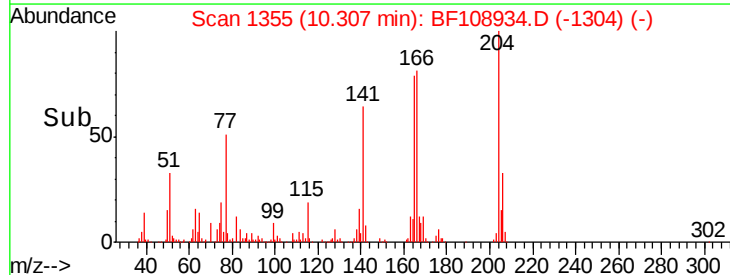
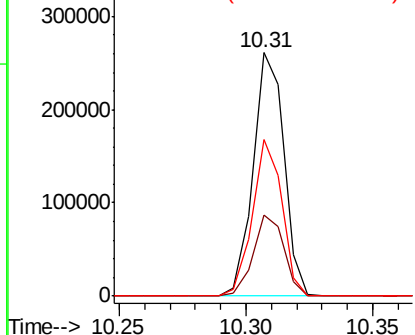


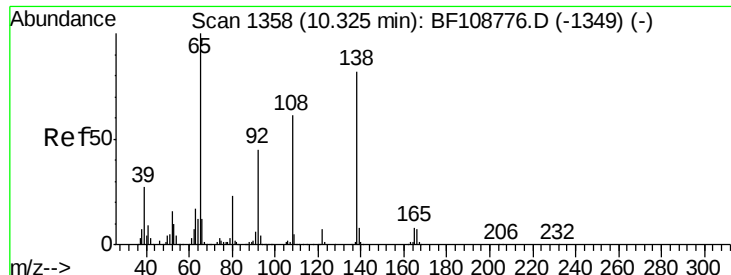
#60
4-Chlorophenyl-phenylether
Concen: 25.080 ng
RT: 10.31 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.5	39.7
141	64.4	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

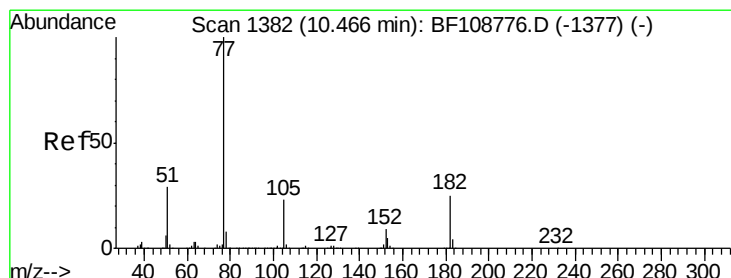
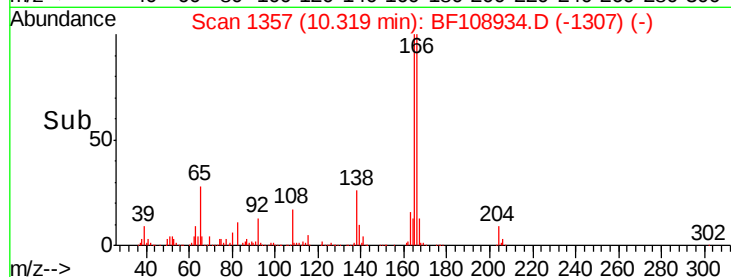
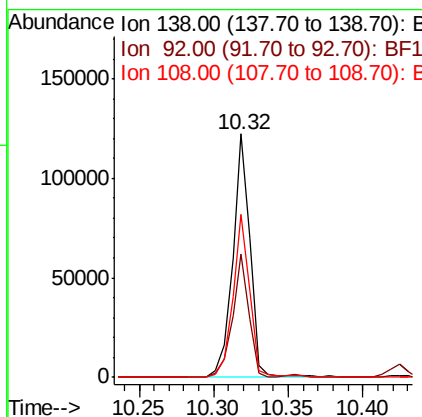
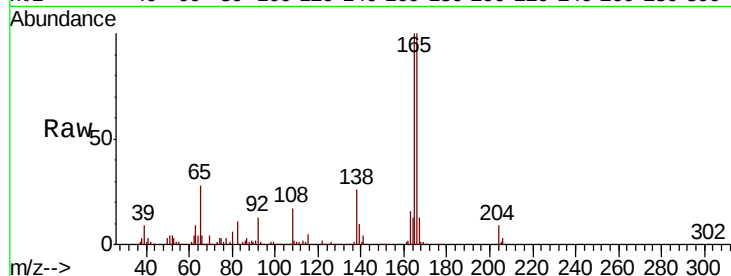




#61
4-Nitroaniline
Concen: 22.552 ng
RT: 10.32 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

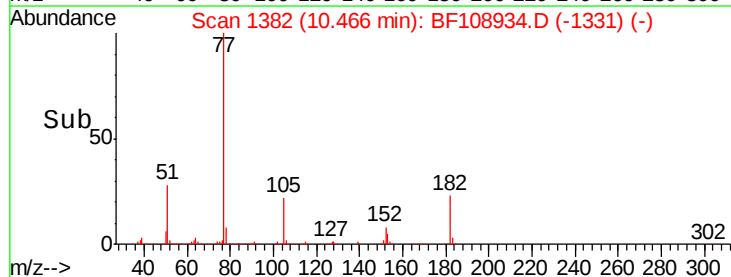
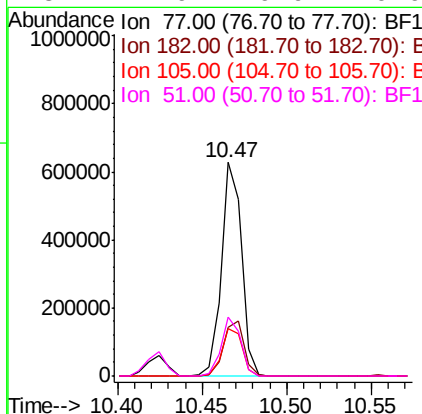
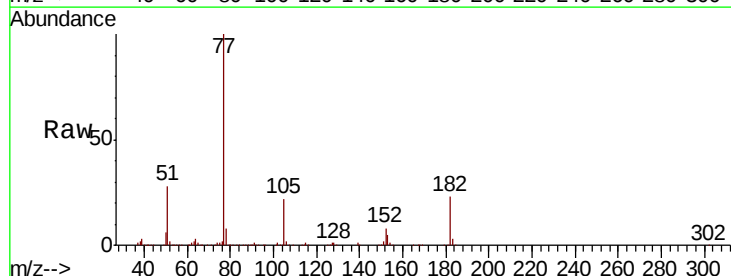
Instrument :
BNA_F
ClientSampleId :

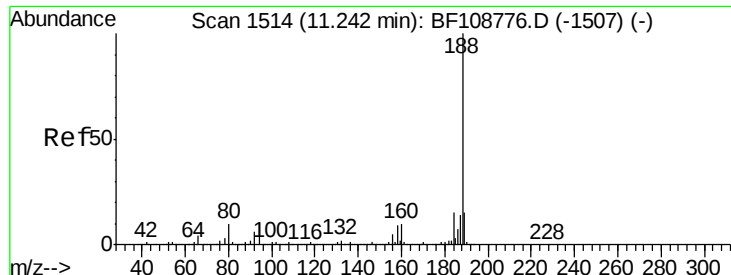
Tot Ion	Ratio	Lower	Upper
138	100		
92	50.6	30.2	70.2
108	67.0	52.5	92.5



#62
Azobenzene
Concen: 22.636 ng
RT: 10.47 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.0	1.7	41.7
105	22.4	3.0	43.0
51	27.9	9.9	49.9

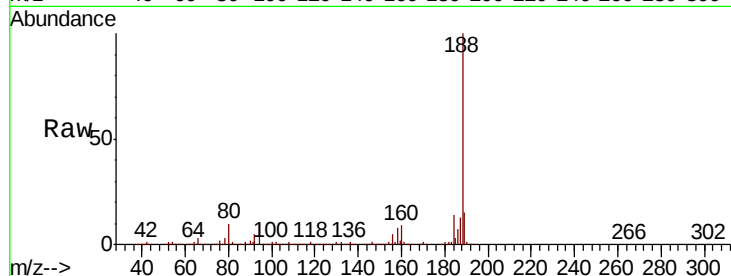




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.4	9.2	13.8

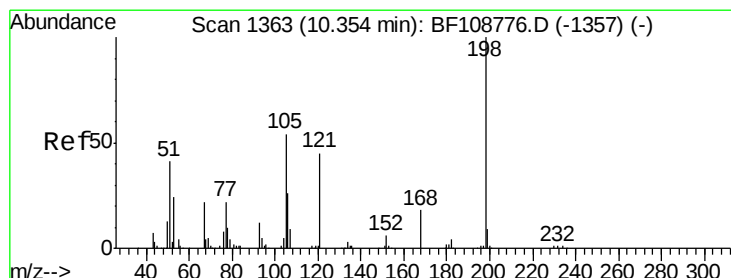
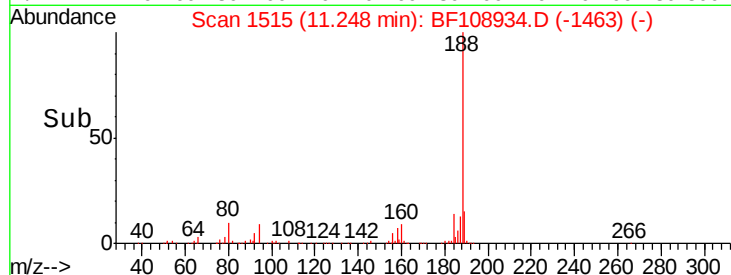
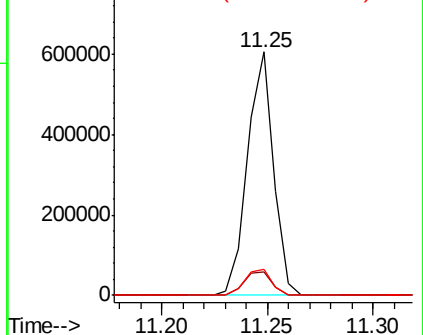


Abundance

Ion 188.00 (187.70 to 188.70): E

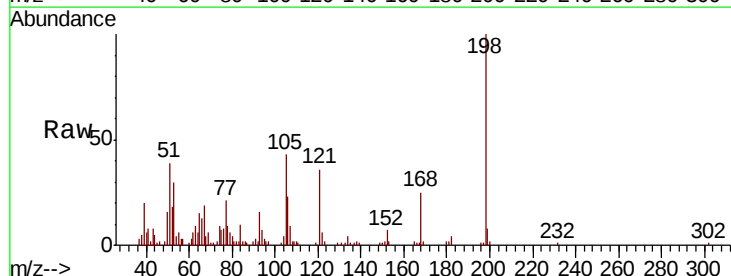
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64
4,6-Dinitro-2-methylphenol
Concen: 20.023 ng
RT: 10.36 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
198	100		
51	39.2	37.7	77.7
105	42.7	36.3	76.3

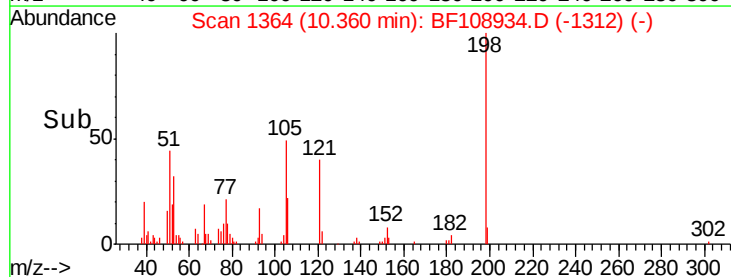
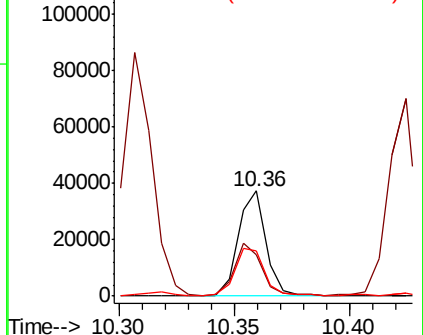


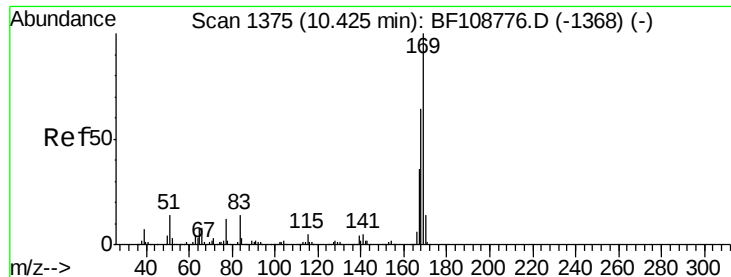
Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

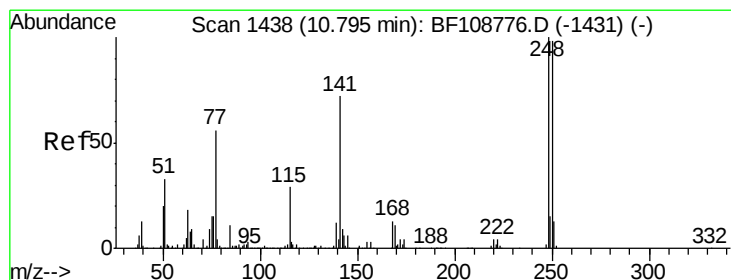
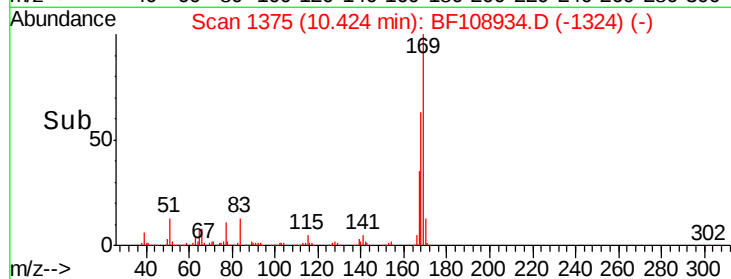
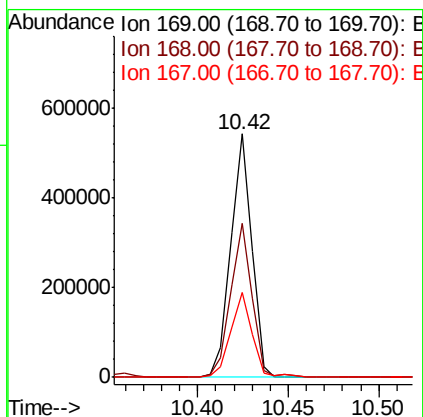
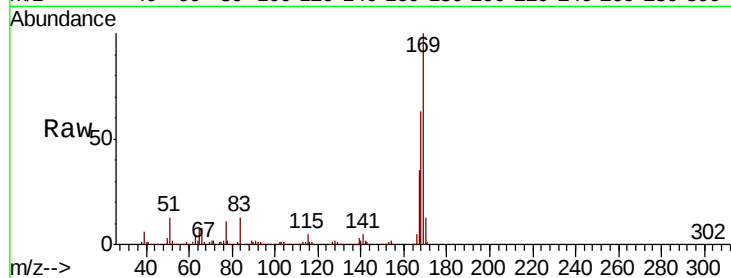




#65
n-Nitrosodiphenylamine
Concen: 25.595 ng
RT: 10.42 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

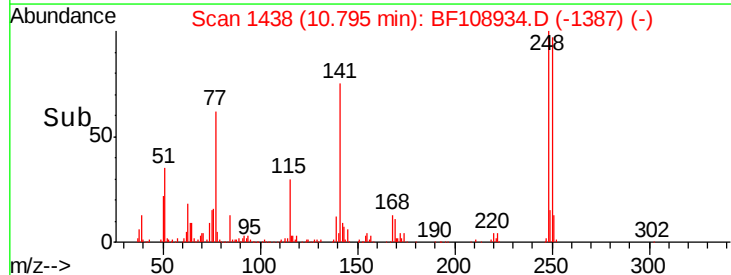
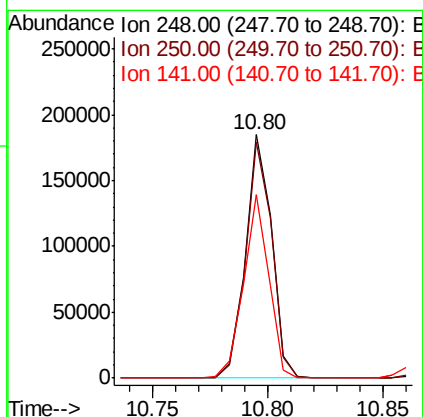
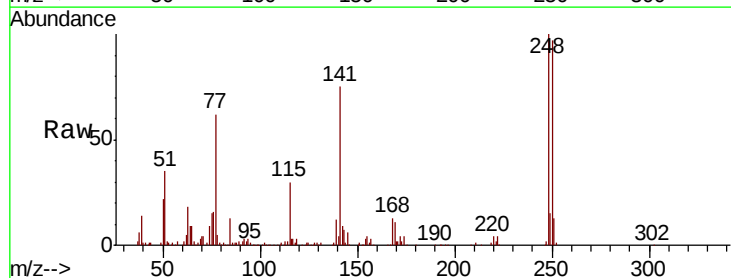
Instrument :
BNA_F
ClientSampleId :

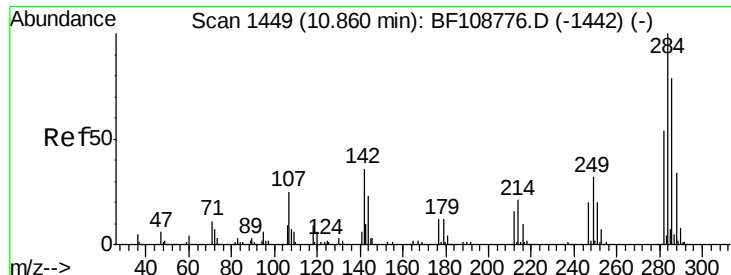
Tot Ion	Ratio	Lower	Upper
169	100		
168	63.4	54.4	81.6
167	35.0	29.8	44.6



#66
4-Bromophenyl-phenylether
Concen: 24.981 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.9	115.3
141	75.5	74.4	111.6

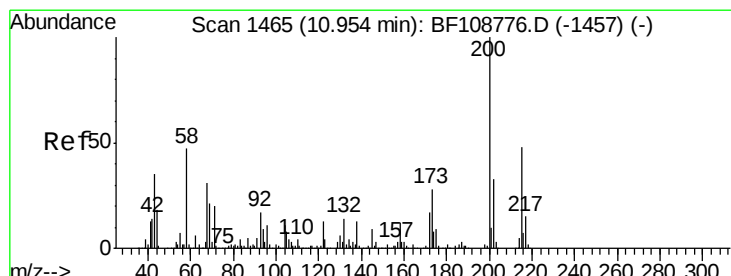
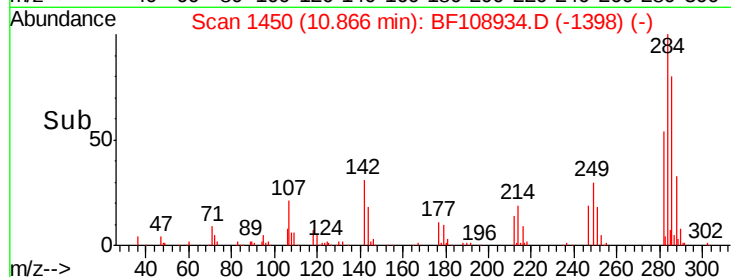
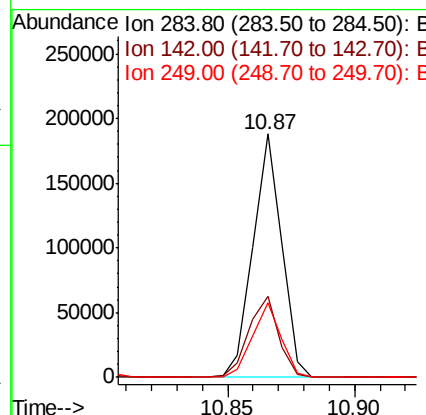
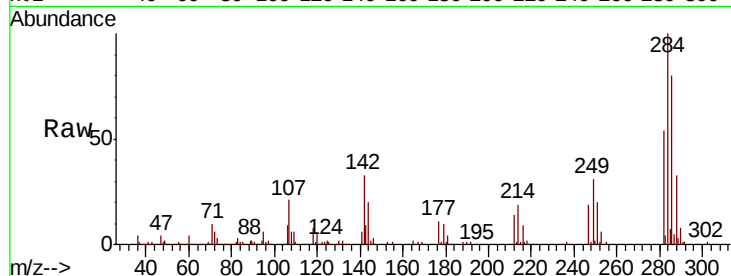




#67
Hexachlorobenzene
Concen: 23.826 ng
RT: 10.87 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

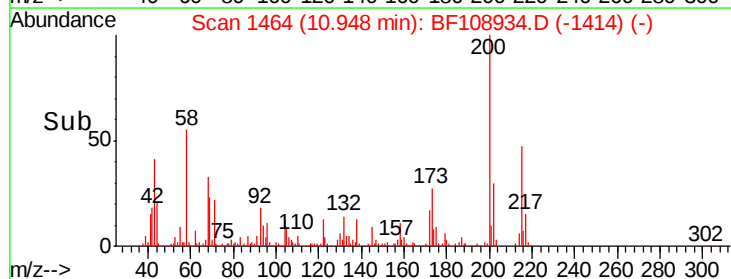
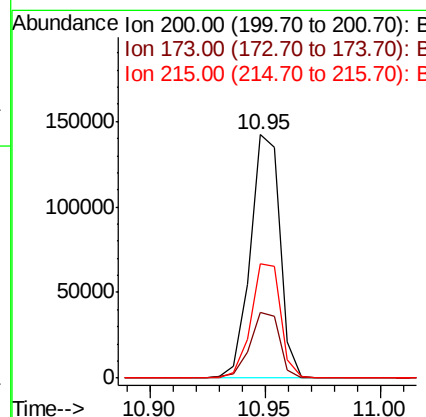
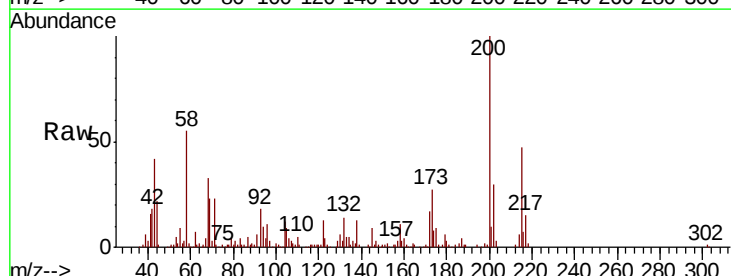
Instrument :
BNA_F
ClientSampleId :

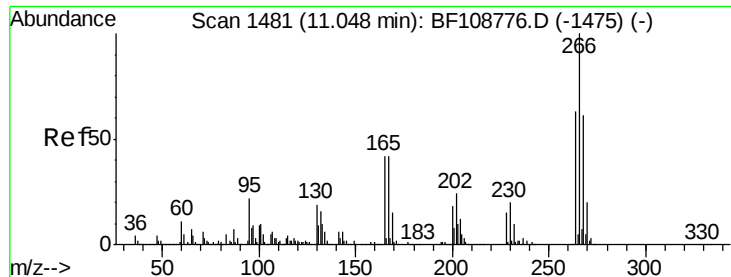
Tot Ion	Ratio	Lower	Upper
284	100		
142	33.1	34.6	52.0#
249	30.8	24.8	37.2



#68
Atrazine
Concen: 23.098 ng
RT: 10.95 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.1	8.6	48.6
215	46.9	25.1	65.1

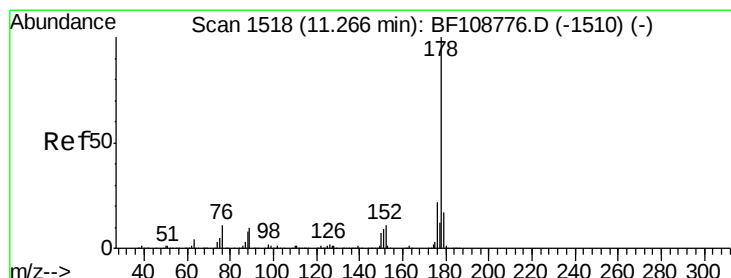
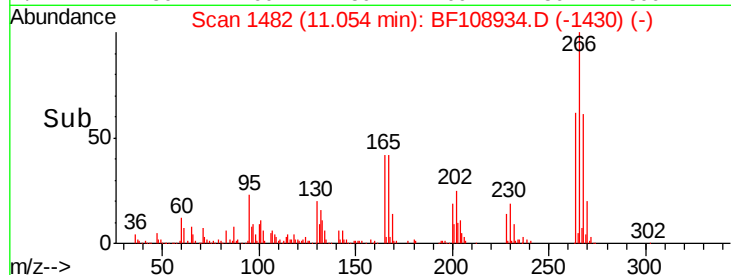
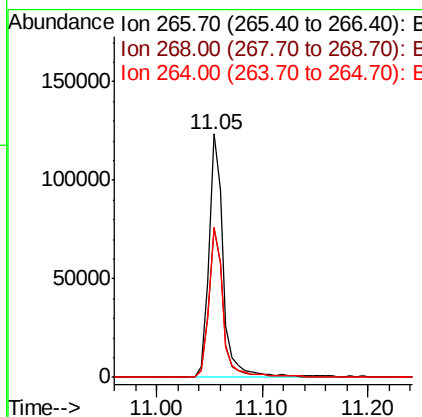
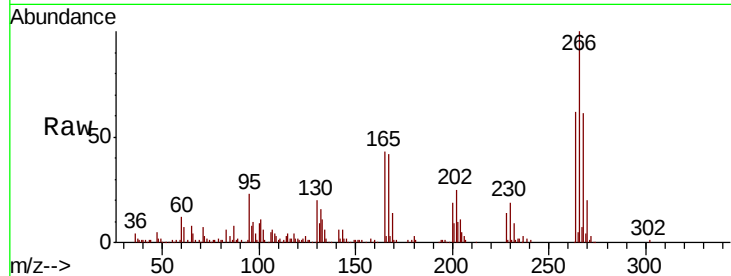




#69
 Pentachlorophenol
 Concen: 30.912 ng
 RT: 11.05 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF108934.D
 Acq: 11 Sep 2018 14:48

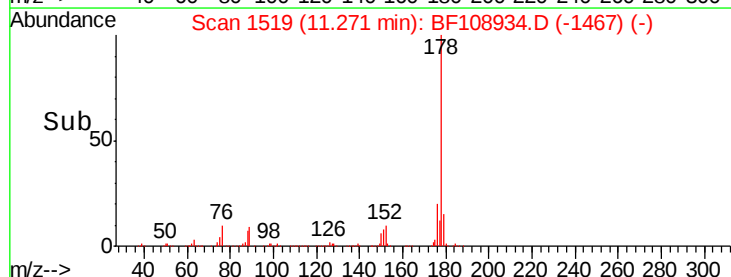
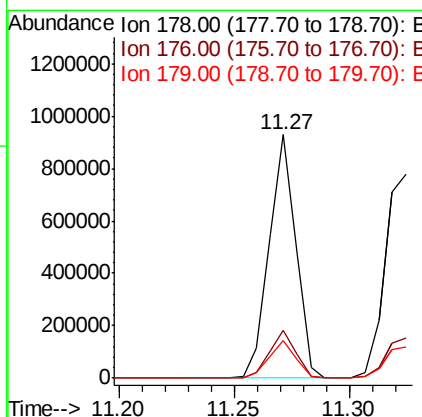
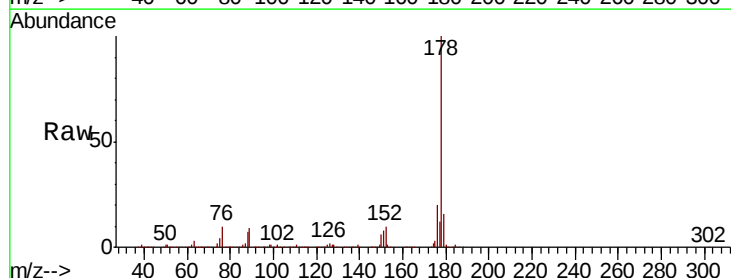
Instrument :
 BNA_F
 ClientSampleId :

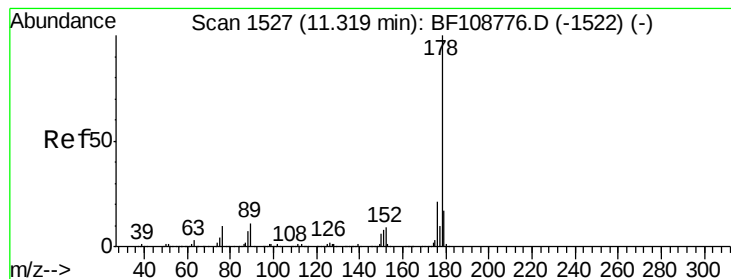
Tot Ion:266 Resp: 118447
 Ion Ratio Lower Upper
 266 100
 268 61.2 51.1 76.7
 264 61.7 49.5 74.3



#70
 Phenanthrene
 Concen: 30.012 ng
 RT: 11.27 min Scan# 1519
 Delta R.T. 0.01 min
 Lab File: BF108934.D
 Acq: 11 Sep 2018 14:48

Tgt Ion:178 Resp: 745018
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.5 13.0 19.6





#71

Anthracene

Concen: 29.297 ng

RT: 11.32 min Scan# 1528

Delta R.T. 0.01 min

Lab File: BF108934.D

Acq: 11 Sep 2018 14:48

Instrument :

BNA_F

ClientSampleId :

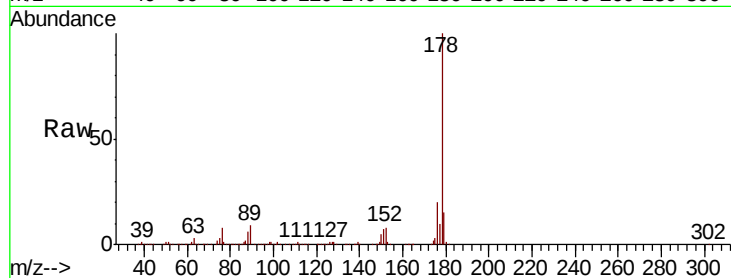
Tot Ion:178 Resp: 696316

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

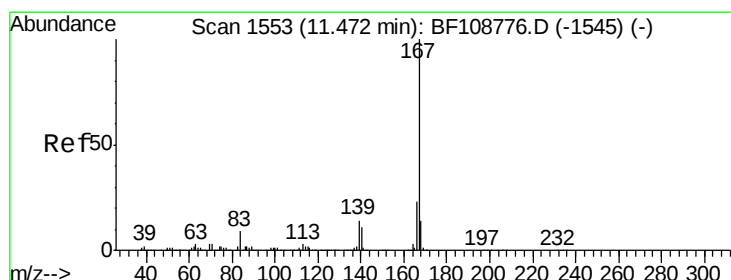
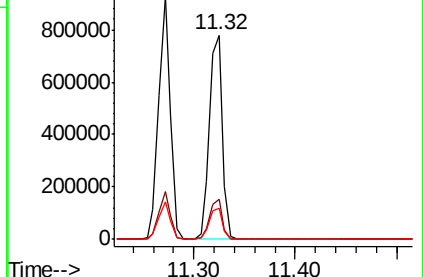
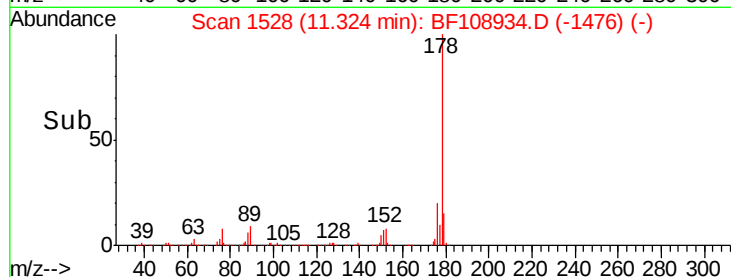
179 15.1 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 22.577 ng

RT: 11.47 min Scan# 1553

Delta R.T. -0.00 min

Lab File: BF108934.D

Acq: 11 Sep 2018 14:48

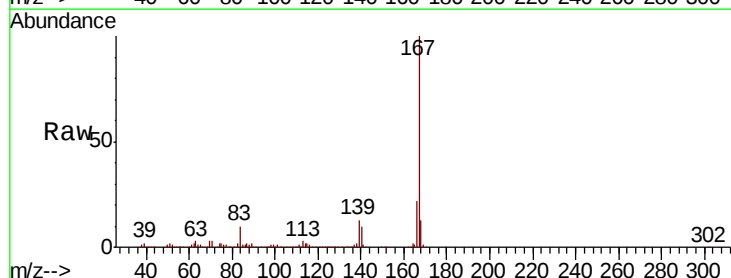
Tgt Ion:167 Resp: 565101

Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

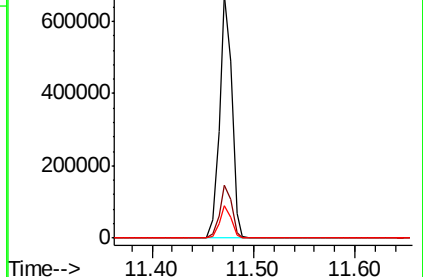
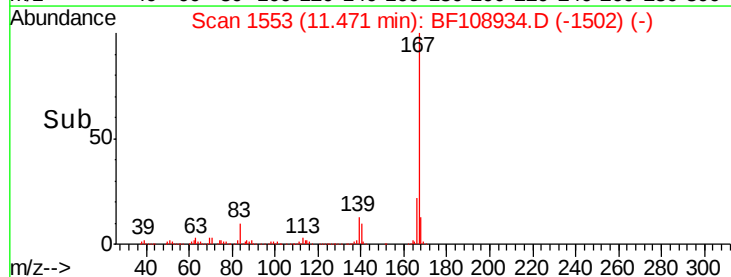
139 13.2 10.9 16.3

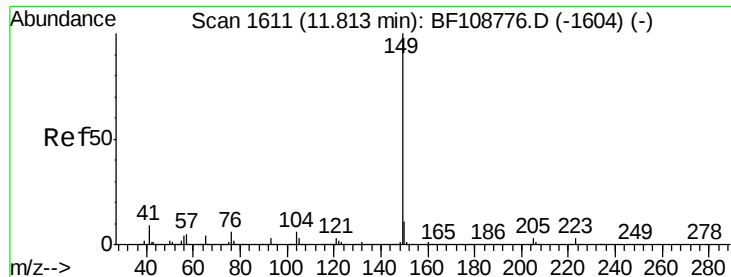


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 25.691 ng

RT: 11.82 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BF108934.D

Acq: 11 Sep 2018 14:48

Instrument :

BNA_F

ClientSampled :

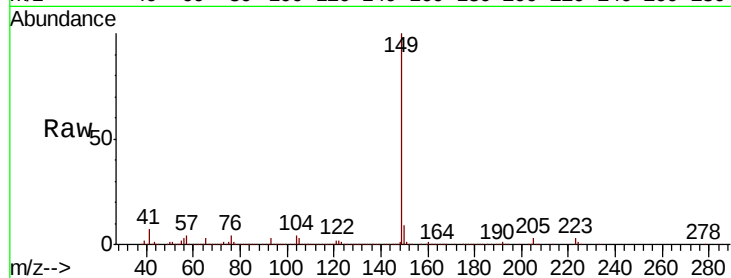
Tot Ion:149 Resp: 714102

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

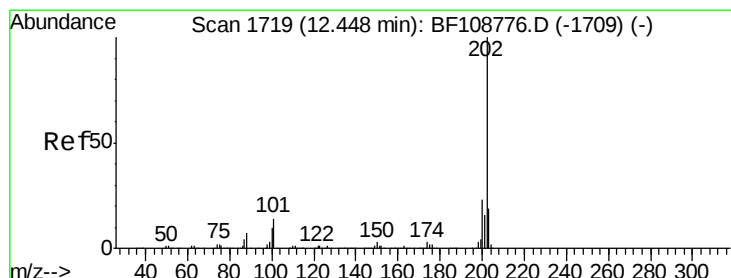
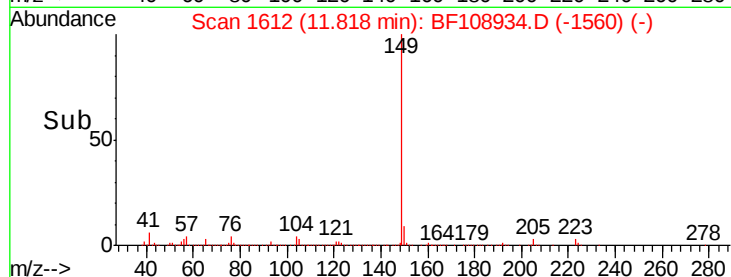
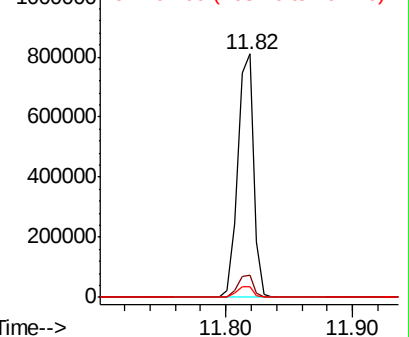
104 4.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 29.947 ng

RT: 12.45 min Scan# 1720

Delta R.T. 0.01 min

Lab File: BF108934.D

Acq: 11 Sep 2018 14:48

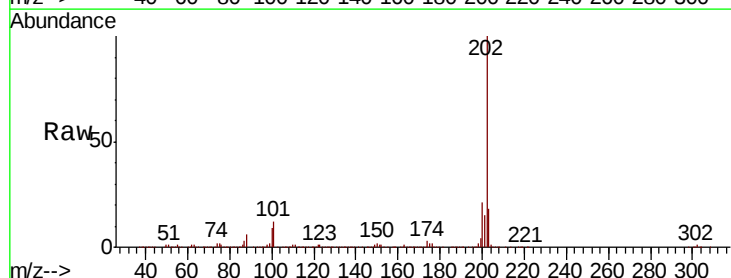
Tgt Ion:202 Resp: 736035

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

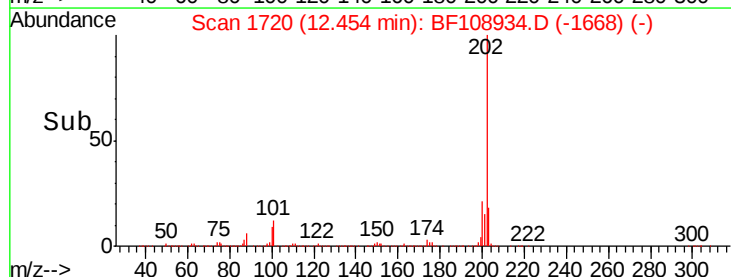
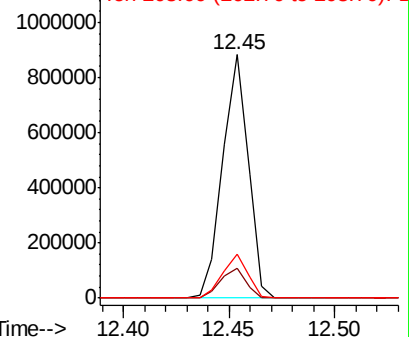
203 17.9 0.0 38.1

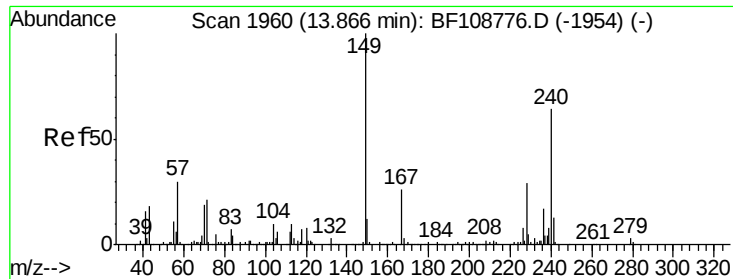


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

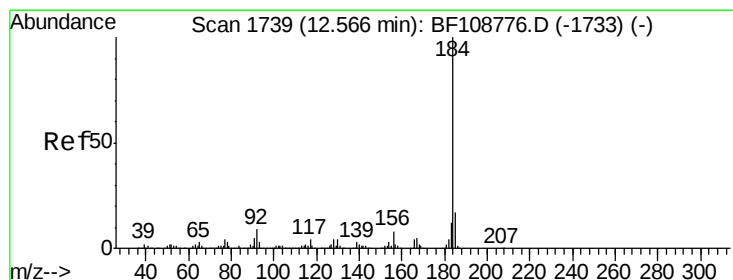
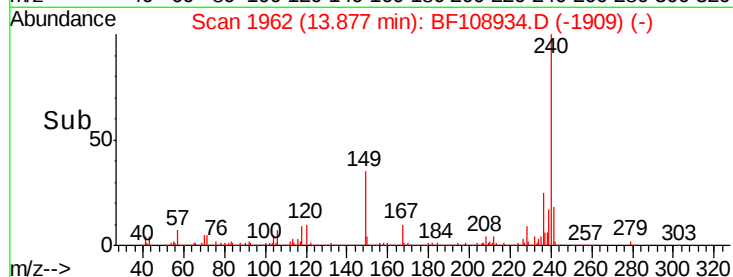
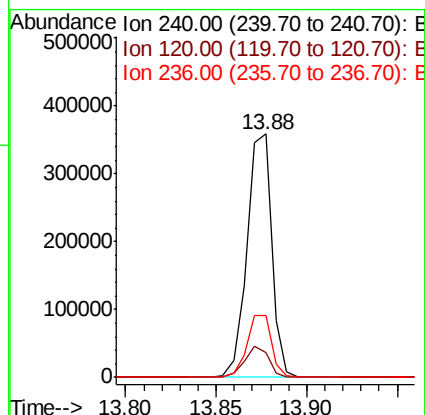
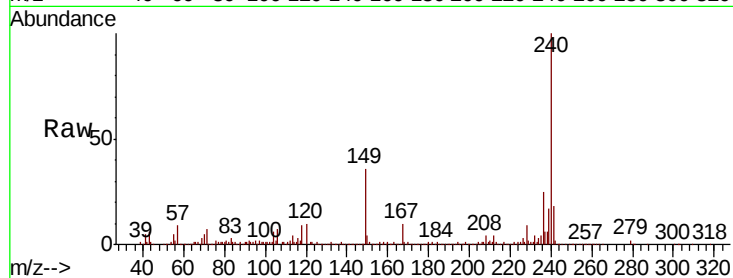




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 1962
Delta R.T. 0.01 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

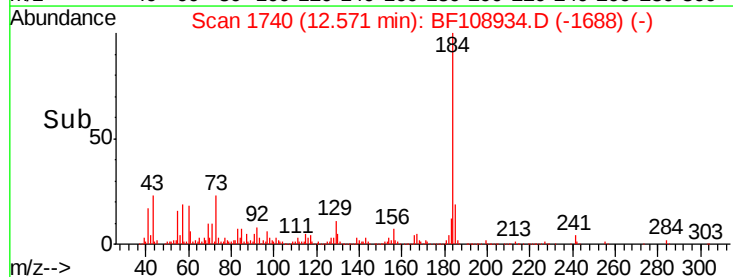
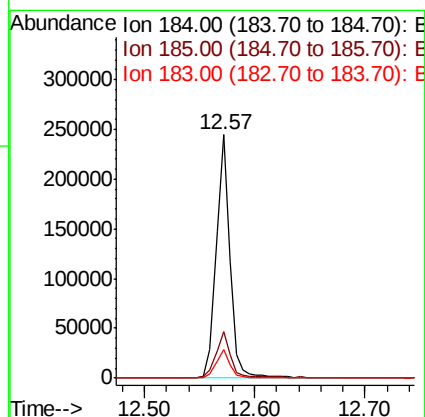
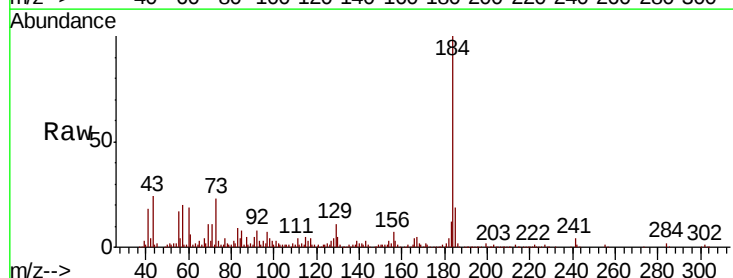
Instrument :
BNA_F
ClientSampled :

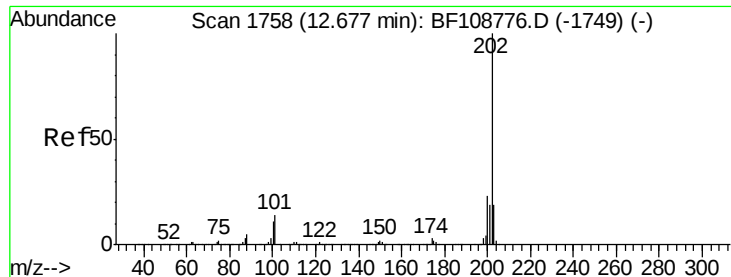
Tot Ion:240 Resp: 339086
Ion Ratio Lower Upper
240 100
120 10.0 9.5 14.3
236 25.5 20.7 31.1



#76
Benzidine
Concen: 13.044 ng
RT: 12.57 min Scan# 1740
Delta R.T. 0.01 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Tgt Ion:184 Resp: 209642
Ion Ratio Lower Upper
184 100
185 19.2 12.6 18.8#
183 11.9 9.3 13.9





#77

Pvrene

Concen: 27.730 ng

RT: 12.68 min Scan# 1759

Delta R.T. 0.01 min

Lab File: BF108934.D

Acq: 11 Sep 2018 14:48

Instrument :

BNA_F

ClientSampleId :

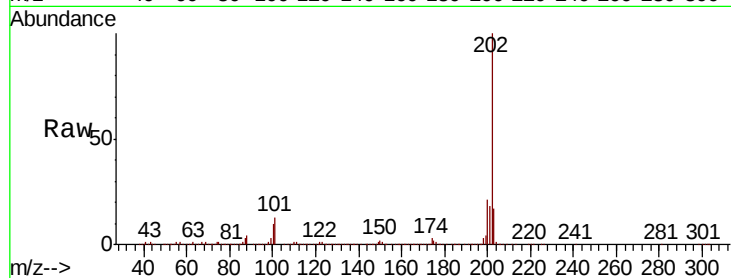
Tot Ion:202 Resp: 723527

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

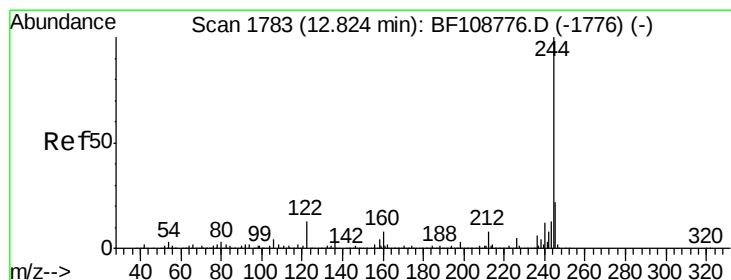
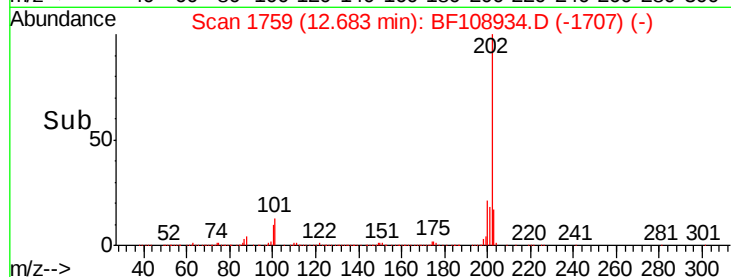
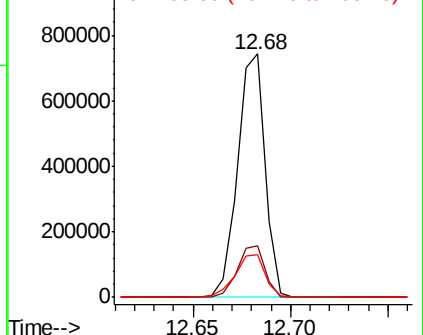
203 17.5 14.3 21.5



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: 53.682 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108934.D

Acq: 11 Sep 2018 14:48

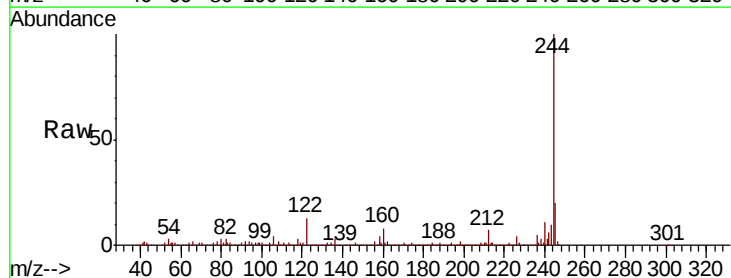
Tgt Ion:244 Resp: 780596

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

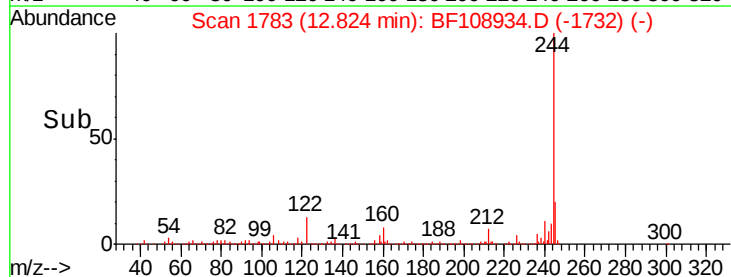
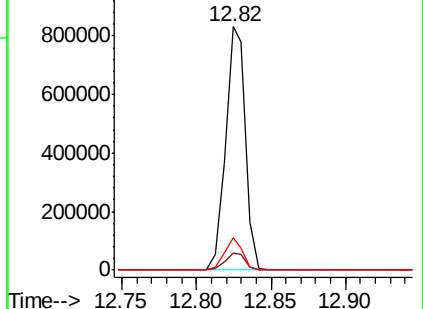
122 13.3 11.0 16.4

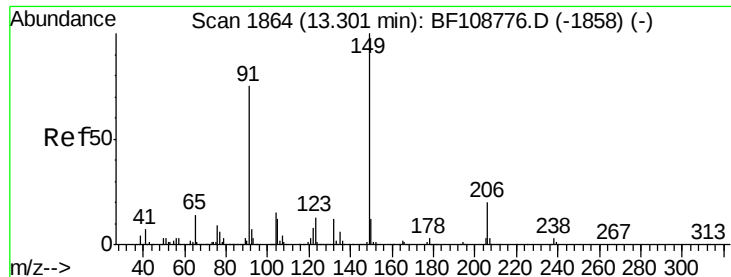


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

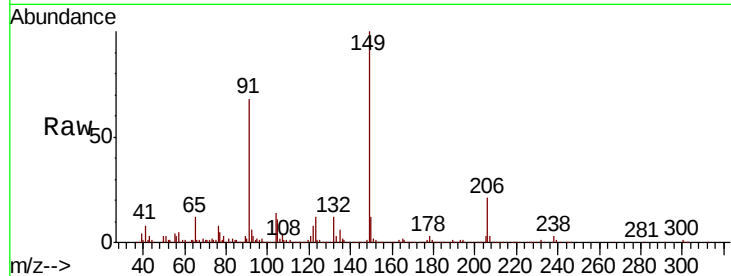




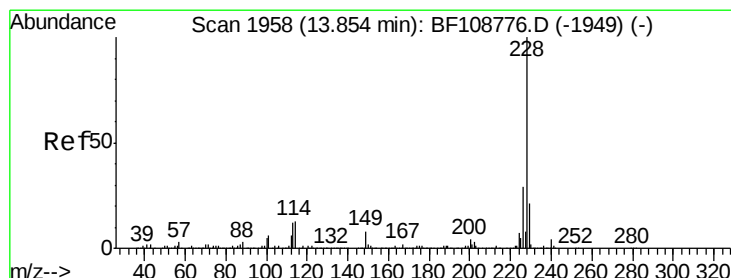
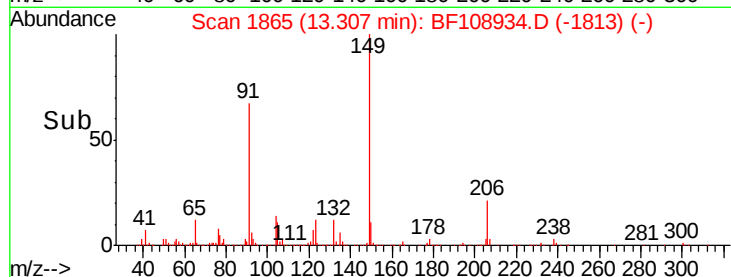
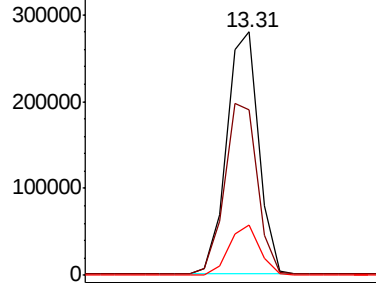
#79
Butylbenzylphthalate
Concen: 20.835 ng
RT: 13.31 min Scan# 1865
Delta R.T. 0.01 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.8	56.8	85.2
206	20.6	14.1	21.1

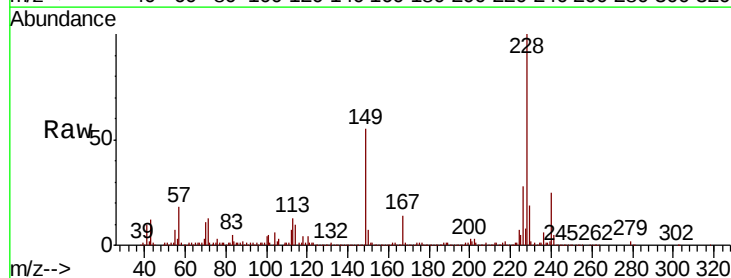


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

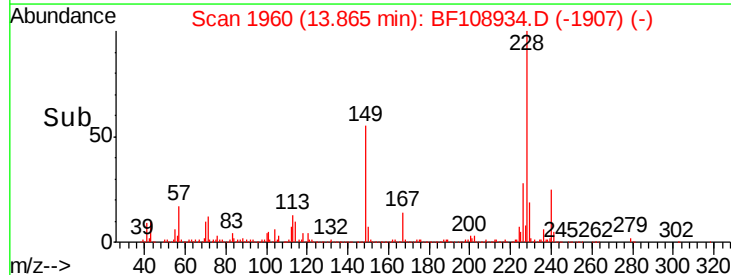
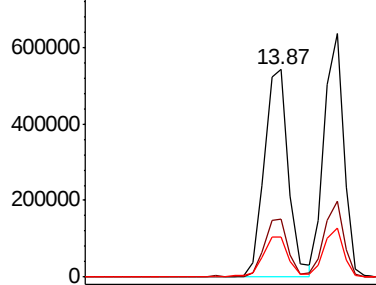


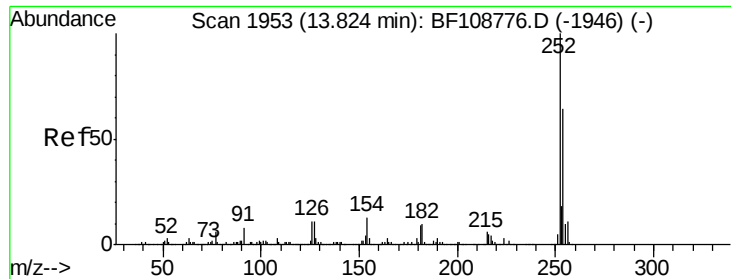
#80
Benzo(a)anthracene
Concen: 26.453 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	19.4	15.8	23.6



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

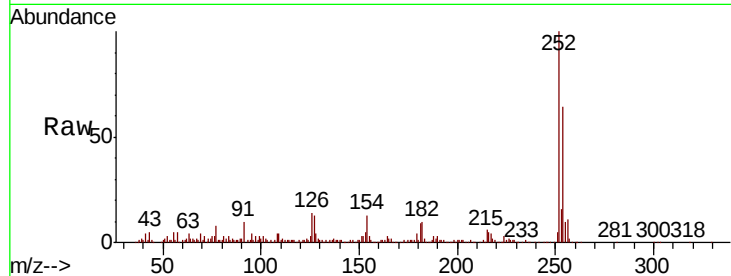




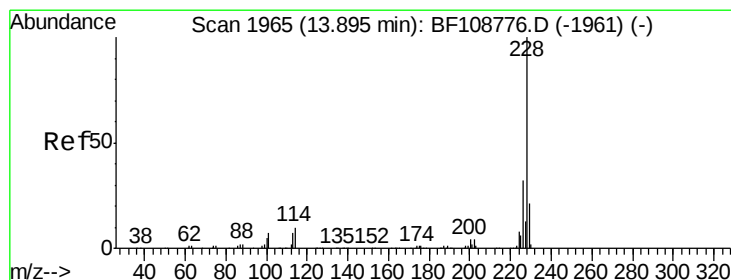
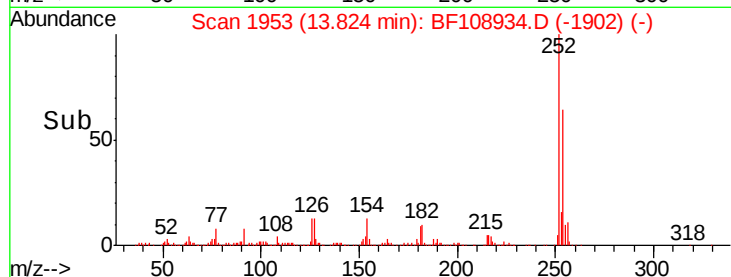
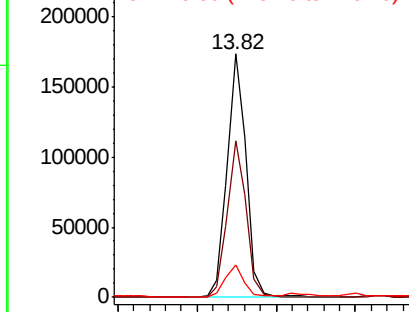
#81
 3,3'-Dichlorobenzidine
 Concen: 16.968 ng
 RT: 13.82 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BF108934.D
 Acq: 11 Sep 2018 14:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.4	75.6
126	13.6	11.3	16.9

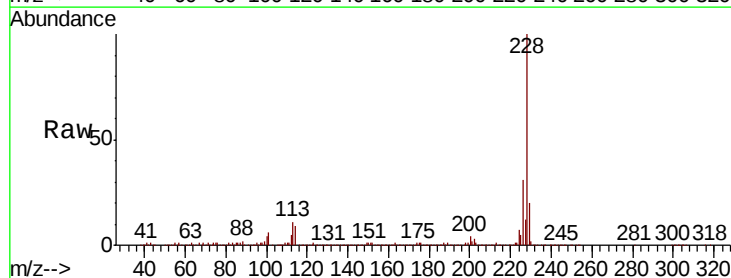


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

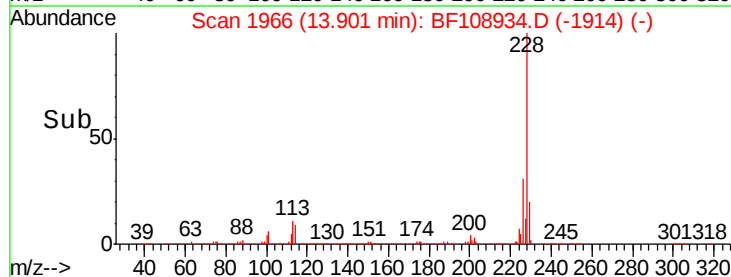
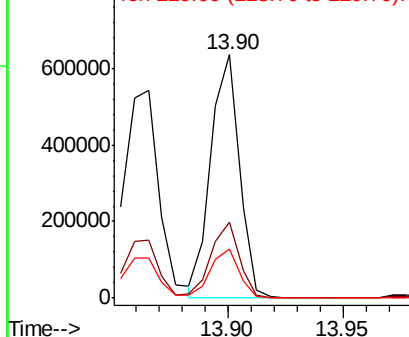


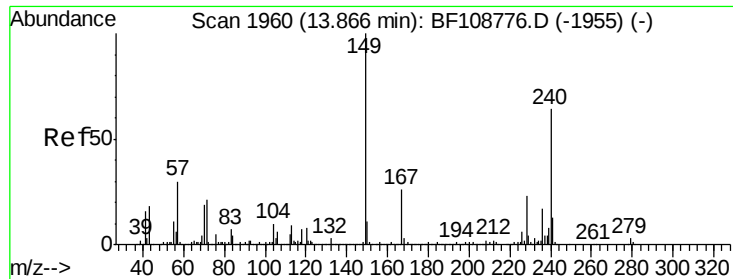
#82
 Chrysene
 Concen: 25.904 ng
 RT: 13.90 min Scan# 1966
 Delta R.T. 0.01 min
 Lab File: BF108934.D
 Acq: 11 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.9	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

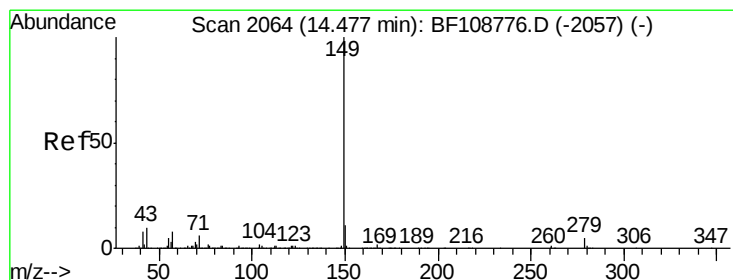
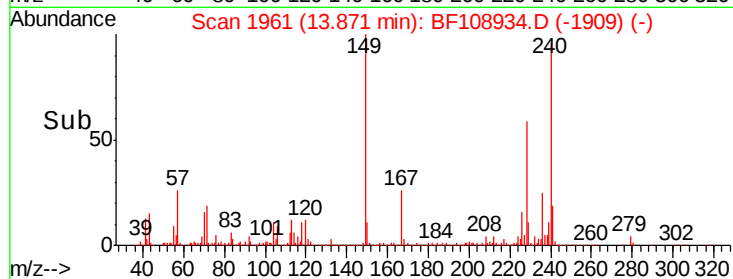
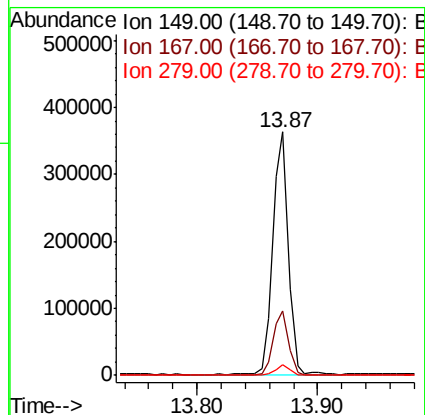
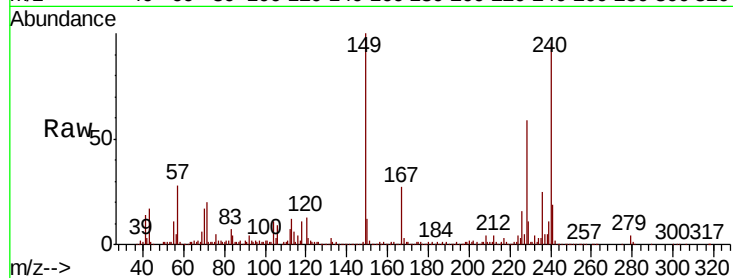




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 21.589 ng
 RT: 13.87 min Scan# 1961
 Delta R.T. 0.01 min
 Lab File: BF108934.D
 Acq: 11 Sep 2018 14:48

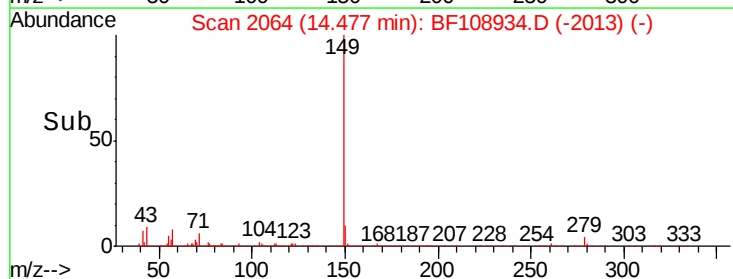
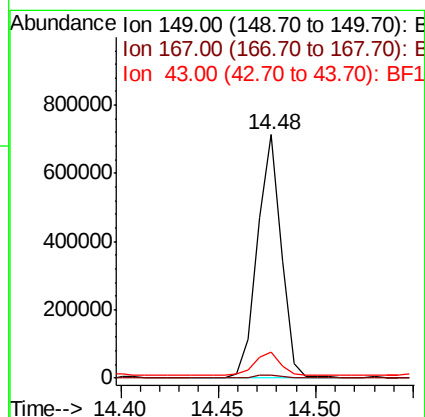
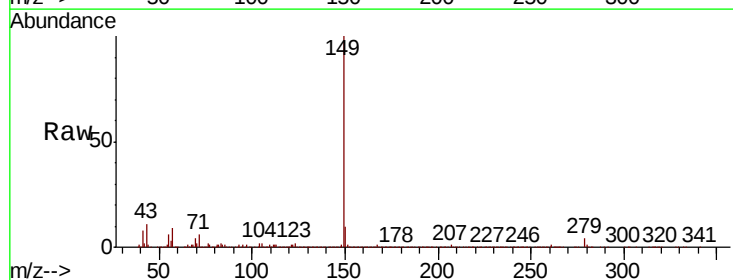
Instrument :
 BNA_F
 ClientSampleId :

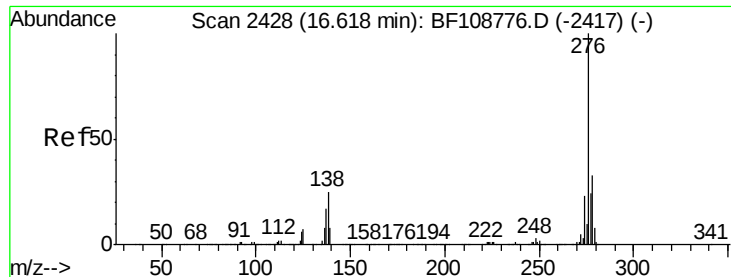
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	4.2	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 24.263 ng
 RT: 14.48 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: BF108934.D
 Acq: 11 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	10.2	8.4	12.6

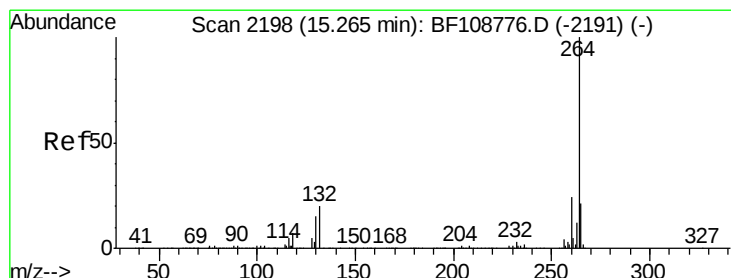
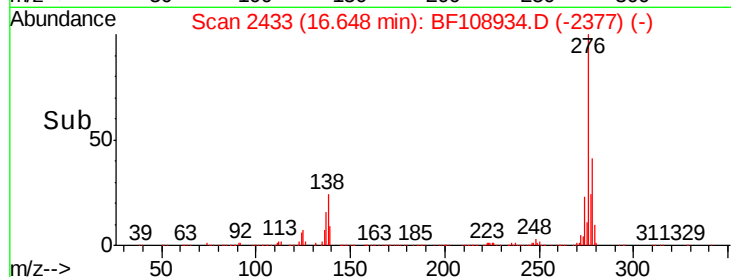
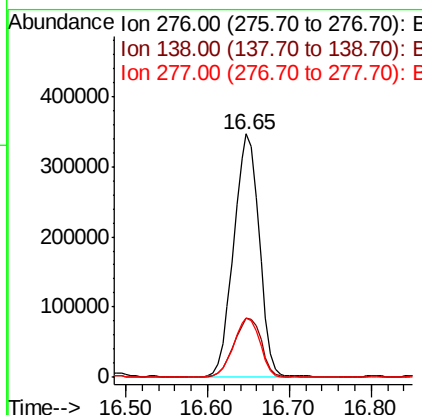
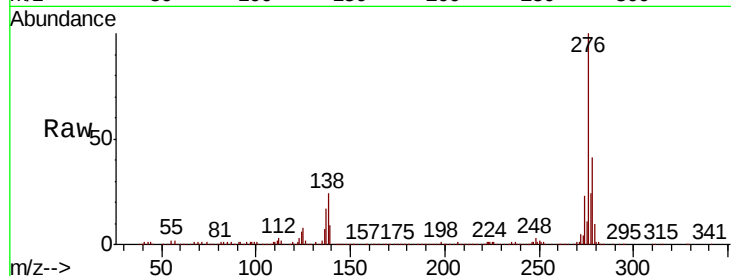




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.435 ng
 RT: 16.65 min Scan# 2433
 Delta R.T. 0.03 min
 Lab File: BF108934.D
 Acq: 11 Sep 2018 14:48

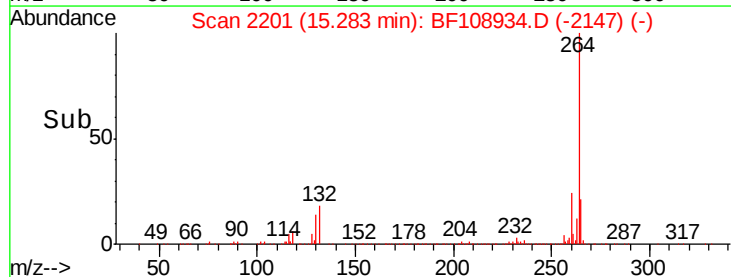
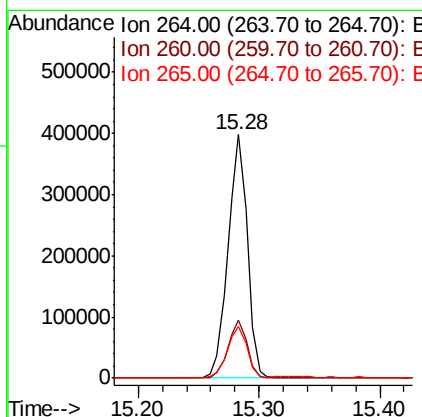
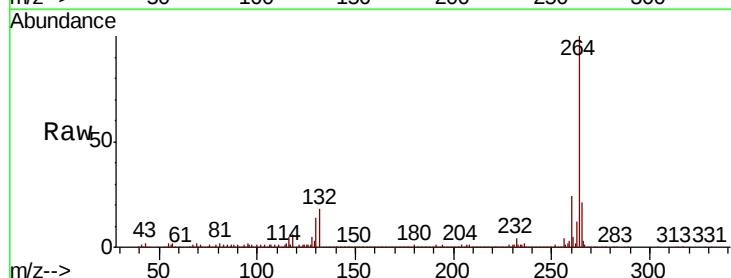
Instrument :
 BNA_F
 ClientSampleId :

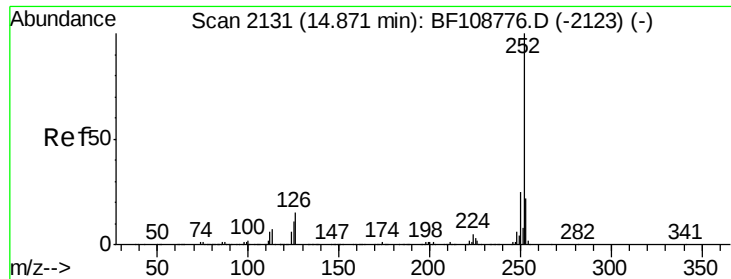
Tot Ion:276 Resp: 752929
 Ion Ratio Lower Upper
 276 100
 138 25.8 25.0 37.6
 277 24.7 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2201
 Delta R.T. 0.02 min
 Lab File: BF108934.D
 Acq: 11 Sep 2018 14:48

Tgt Ion:264 Resp: 443584
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.4 17.5 26.3

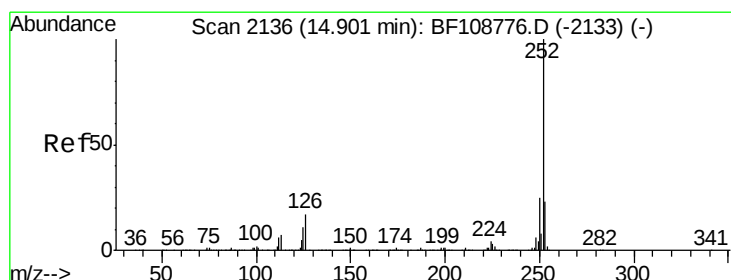
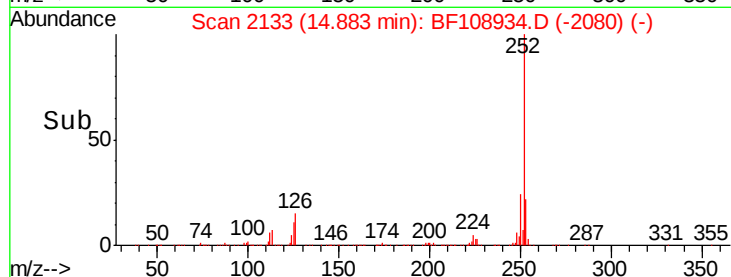
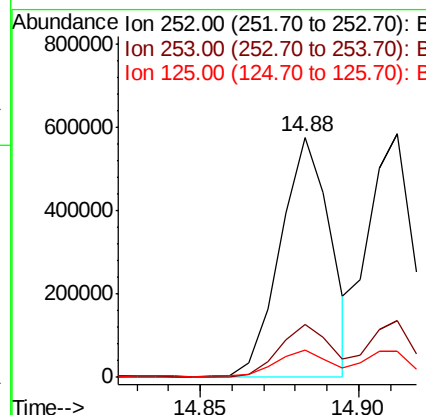
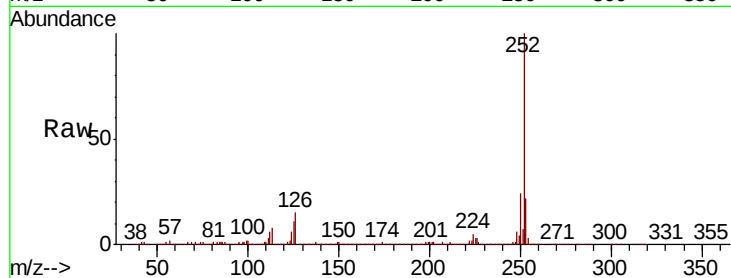




#87
Benzo(b)fluoranthene
Concen: 26.447 ng
RT: 14.88 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

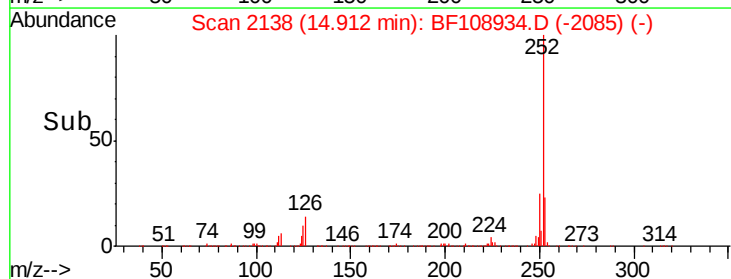
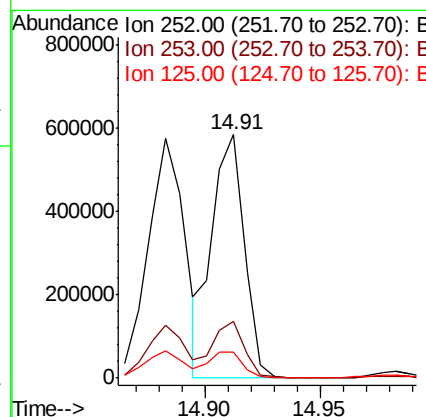
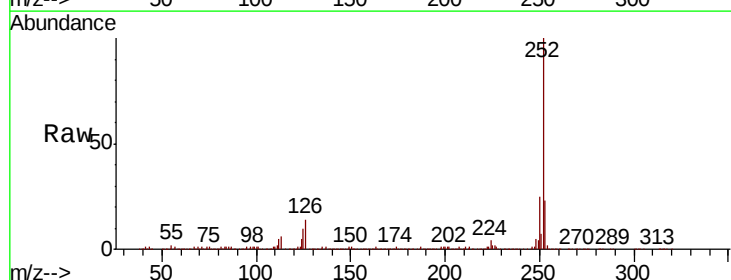
Instrument :
BNA_F
ClientSampleId :

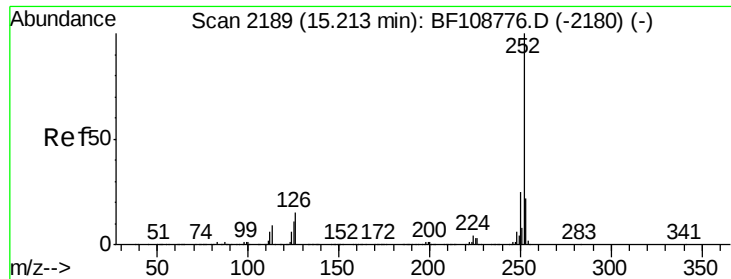
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	11.5	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 25.576 ng
RT: 14.91 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	10.4	10.2	15.2

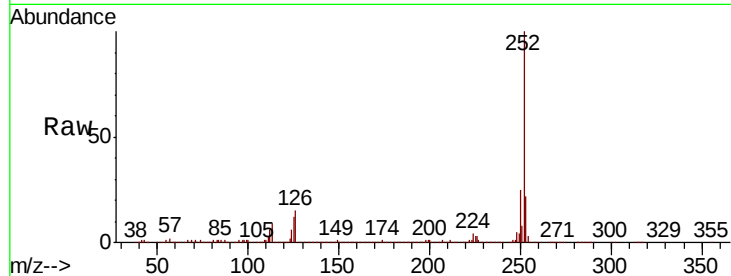




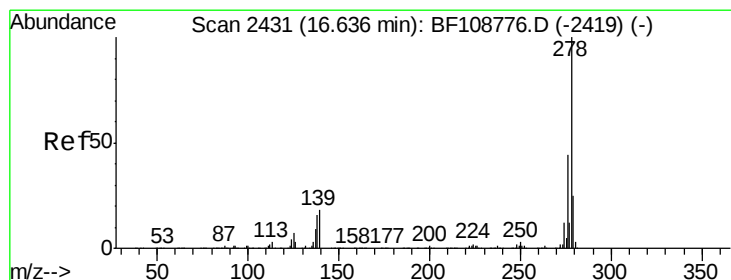
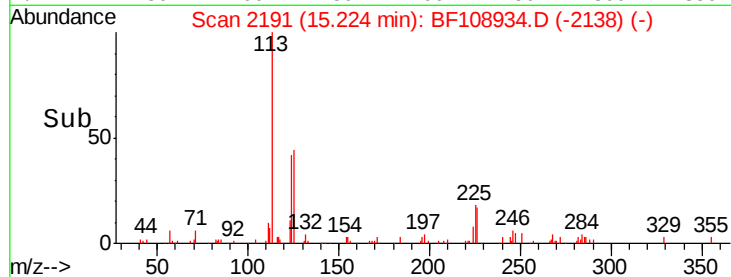
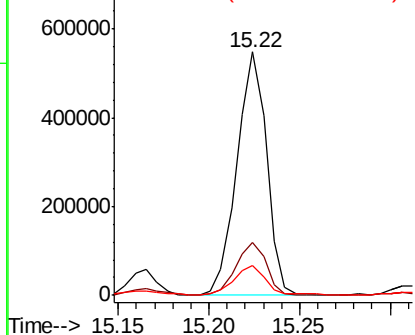
#89
Benzo(a)pyrene
Concen: 28.645 ng
RT: 15.22 min Scan# 2191
Delta R.T. 0.01 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	12.1	9.8	14.6

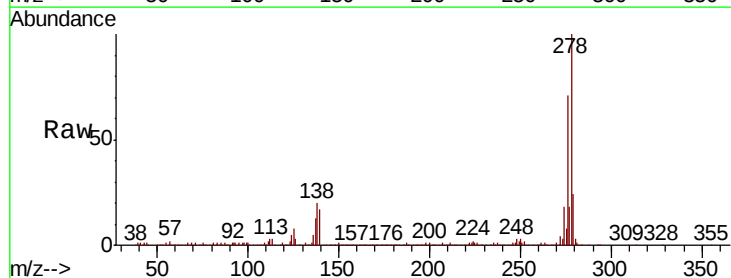


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

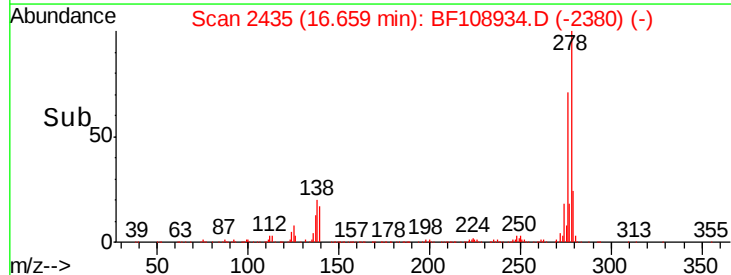
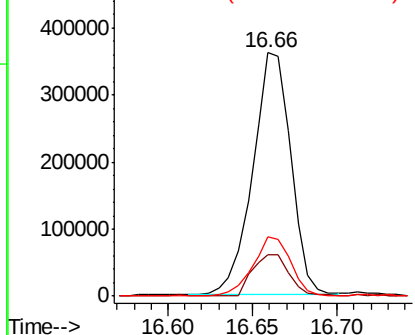


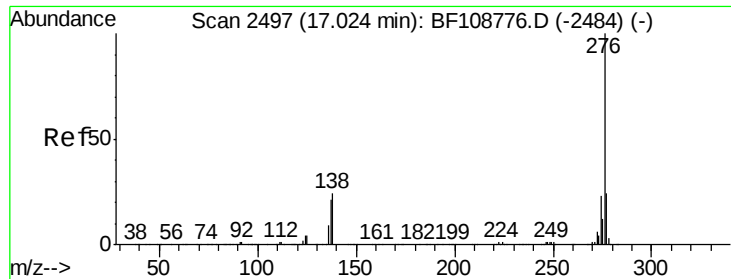
#90
Dibenzo(a,h)anthracene
Concen: 29.694 ng
RT: 16.66 min Scan# 2435
Delta R.T. 0.02 min
Lab File: BF108934.D
Acq: 11 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.2	15.9	23.9
279	24.4	19.0	28.4



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





#91
 Benzo(a,h,i)perylene
 Concen: 34.420 ng
 RT: 17.06 min Scan# 2503
 Delta R.T. 0.04 min
 Lab File: BF108934.D
 Acq: 11 Sep 2018 14:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	21.9	21.8	32.8

