

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109782.D
 Acq On : 11 Oct 2018 10:26
 Operator : JU/SJ
 Sample : PB113623BSD
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 11:07:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	83861	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	337430	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	155832	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	274090	20.00	ng	0.00
75) Chrysene-d12	13.83	240	187386	20.00	ng	0.00
86) Perylene-d12	15.23	264	187104	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	325883	68.98	ng	0.00
7) Phenol-d6	6.35	99	434466	68.84	ng	-0.01
23) Nitrobenzene-d5	7.26	82	435558	71.15	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	111353	65.58	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	810547	71.64	ng	0.00
78) Terphenyl-d14	12.78	244	655921	67.76	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.42	88	60603	24.441	ng	96
3) Pyridine	3.14	79	135023	26.395	ng	95
4) n-Nitrosodimethylamine	3.08	42	52822	28.608	ng	90
6) Aniline	6.36	93	106745	14.519	ng	# 42
8) 2-Chlorophenol	6.49	128	195373	33.624	ng	98
9) Benzaldehyde	6.25	77	86170	21.217	ng	98
10) Phenol	6.36	94	216957	29.978	ng	# 77
11) bis(2-Chloroethyl)ether	6.43	93	158441	26.407	ng	97
12) 1,3-Dichlorobenzene	6.63	146	202925	30.535	ng	97
13) 1,4-Dichlorobenzene	6.71	146	224467	30.986	ng	99
14) 1,2-Dichlorobenzene	6.86	146	193291	30.382	ng	99
15) Benzyl Alcohol	6.85	79	148412	31.719	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.97	45	248559	31.243	ng	99
17) 2-Methylphenol	6.96	107	150546	32.764	ng	94
18) Hexachloroethane	7.20	117	78211	30.544	ng	96
19) n-Nitroso-di-n-propylamine	7.11	70	138843	31.370	ng	99
20) 3+4-Methylphenols	7.12	107	182110	32.164	ng	96
22) Acetophenone	7.10	105	286175	35.072	ng	99
24) Nitrobenzene	7.28	77	202054	31.721	ng	98
25) Isophorone	7.52	82	379888	37.373	ng	100
26) 2-Nitrophenol	7.60	139	98275	32.985	ng	94
27) 2,4-Dimethylphenol	7.65	122	164747	38.292	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	238314	34.661	ng	99
29) 2,4-Dichlorophenol	7.85	162	160414	33.241	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	173091	32.400	ng	99
31) Naphthalene	8.00	128	586486	37.583	ng	99
32) Benzoic acid	7.77	122	55787	18.136	ng	90
33) 4-Chloroaniline	8.06	127	68088	9.908	ng	98
34) Hexachlorobutadiene	8.12	225	106025	31.920	ng	99
35) Caprolactam	8.42	113	49130	34.090	ng	98
36) 4-Chloro-3-methylphenol	8.55	107	174823	34.319	ng	100
37) 2-Methylnaphthalene	8.69	142	376404	36.823	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	180814	34.087	ng	99
40) Hexachlorocyclopentadiene	8.84	237	54180	28.429	ng	98

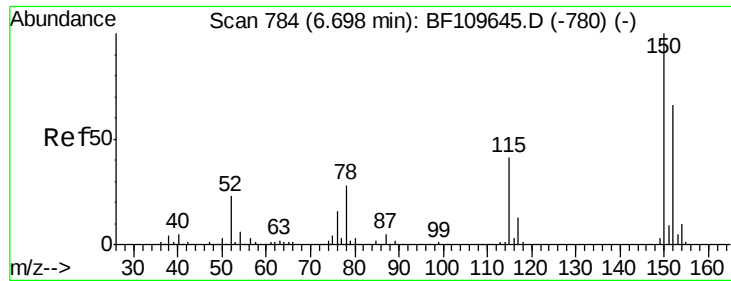
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109782.D
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 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	102934	32.461	nq	98
43) 2,4,5-Trichlorophenol	9.02	196	119361	32.737	nq	97
45) 1,1'-Biphenyl	9.15	154	470673	33.810	nq	99
46) 2-Chloronaphthalene	9.17	162	351863	33.737	nq	99
47) 2-Nitroaniline	9.27	65	109453	34.659	nq	97
48) Acenaphthylene	9.59	152	559027	36.766	nq	100
49) Dimethylphthalate	9.45	163	418140	36.587	nq	100
50) 2,6-Dinitrotoluene	9.52	165	87988	35.516	nq	98
51) Acenaphthene	9.76	154	309493	34.336	nq	99
52) 3-Nitroaniline	9.69	138	46648	16.798	nq	97
53) 2,4-Dinitrophenol	9.81	184	21713	27.165	nq #	86
54) Dibenzofuran	9.93	168	473330	35.033	nq	99
55) 4-Nitrophenol	9.87	139	81397	53.548	nq	91
56) 2,4-Dinitrotoluene	9.92	165	108657	35.145	nq	97
57) Fluorene	10.27	166	373090	36.977	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	93491	31.544	nq	97
59) Diethylphthalate	10.15	149	412166	36.398	nq	98
60) 4-Chlorophenyl-phenylether	10.26	204	183449	34.463	nq	99
61) 4-Nitroaniline	10.30	138	76620	29.792	nq	99
62) Azobenzene	10.42	77	406104	35.316	nq	99
64) 4,6-Dinitro-2-methylphenol	10.33	198	24849	18.627	nq	90
65) n-Nitrosodiphenylamine	10.39	169	344264	37.051	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	113156	35.930	nq	98
67) Hexachlorobenzene	10.82	284	113239	33.205	nq	98
68) Atrazine	10.91	200	111213	38.352	nq	97
69) Pentachlorophenol	11.02	266	84594	44.083	nq	99
70) Phenanthrene	11.23	178	488108	35.585	nq	99
71) Anthracene	11.28	178	528050	37.241	nq	100
72) Carbazole	11.44	167	451710	32.847	nq	98
73) Di-n-butylphthalate	11.76	149	603248	37.821	nq	99
74) Fluoranthene	12.41	202	473488	33.043	nq	97
76) Benzidine	12.54	184	185402	26.635	nq	96
77) Pyrene	12.63	202	451179	32.863	nq	98
79) Butylbenzylphthalate	13.25	149	212667	35.728	nq	98
80) Benzo(a)anthracene	13.82	228	375899	36.351	nq	100
81) 3,3'-Dichlorobenzidine	13.79	252	94255	22.637	nq	99
82) Chrysene	13.86	228	399096	36.743	nq	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	275491	37.936	nq	97
84) Di-n-octyl phthalate	14.42	149	486283	42.364	nq	99
85) Indeno(1,2,3-cd)pyrene	16.57	276	314653	40.473	nq	99
87) Benzo(b)fluoranthene	14.83	252	354526	34.288	nq	98
88) Benzo(k)fluoranthene	14.86	252	403033	38.795	nq	99
89) Benzo(a)pyrene	15.17	252	351065	37.415	nq	99
90) Dibenzo(a,h)anthracene	16.58	278	269678	34.995	nq	98
91) Benzo(g,h,i)perylene	16.98	276	244610	31.787	nq	99

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

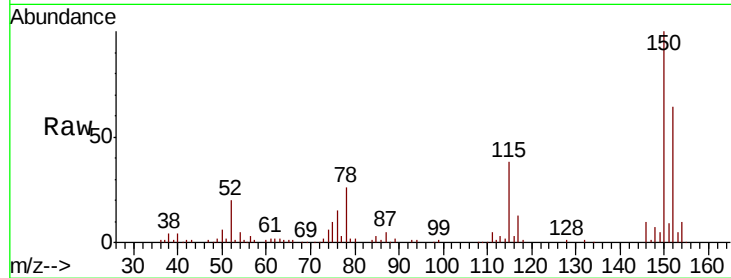


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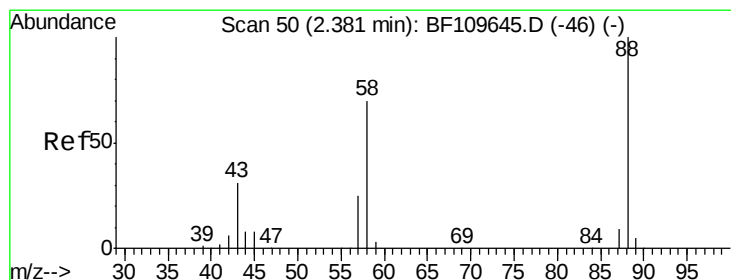
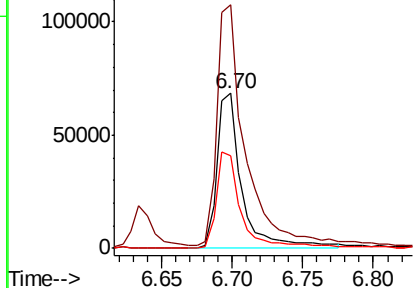
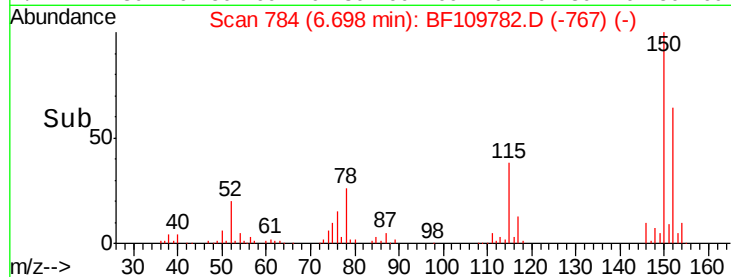
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF109782.D
 Acq: 11 Oct 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 83861
 Ion Ratio Lower Upper
 152 100
 150 157.2 122.7 184.1
 115 59.9 49.1 73.7



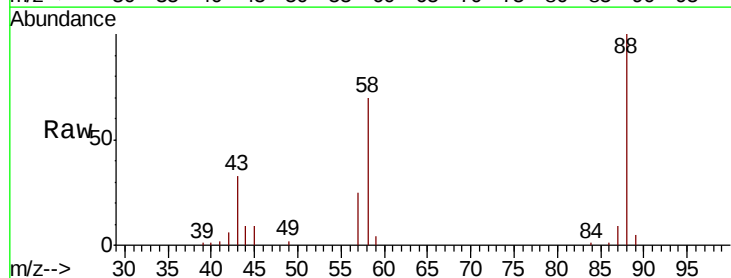
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



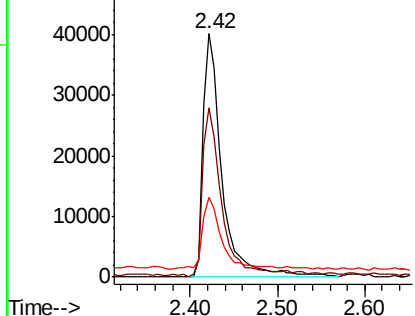
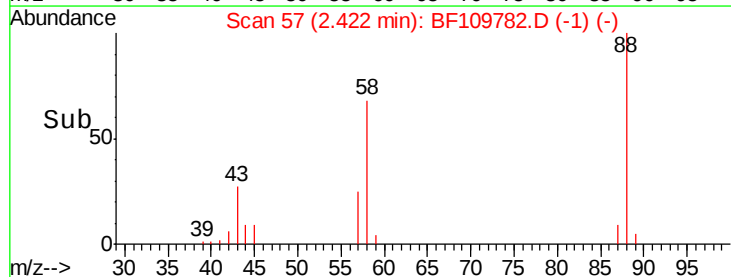
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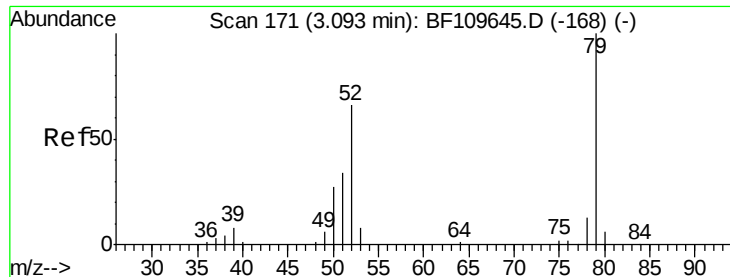
1,4-Dioxane
 Concen: 24.441 ng
 RT: 2.42 min Scan# 57
 Delta R.T. 0.04 min
 Lab File: BF109782.D
 Acq: 11 Oct 2018 10:26

Tgt Ion: 88 Resp: 60603
 Ion Ratio Lower Upper
 88 100
 58 75.0 57.1 85.7
 43 28.1 24.1 36.1



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



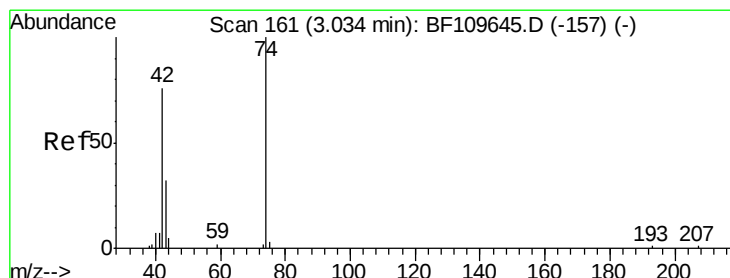
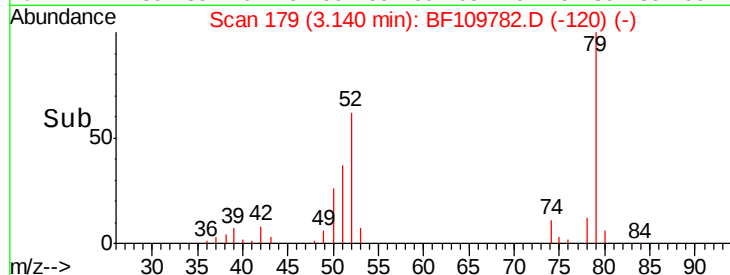
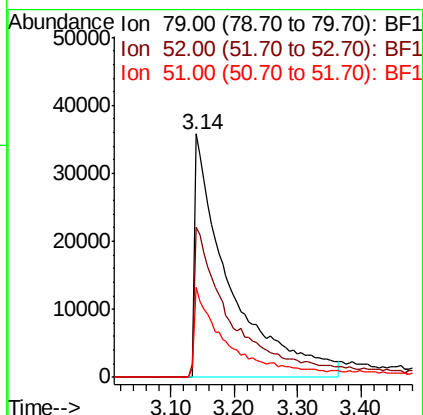
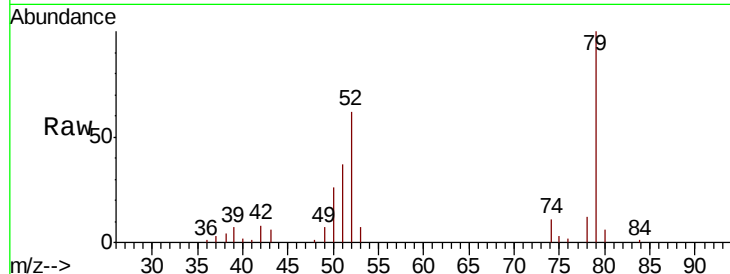


#3
Pvridine
Concen: 26.395 ng
RT: 3.14 min Scan# 179
Delta R.T. 0.05 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 135023

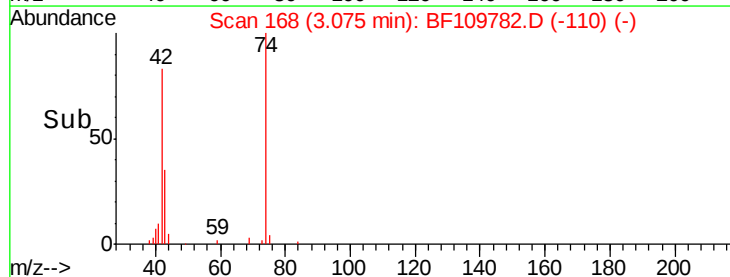
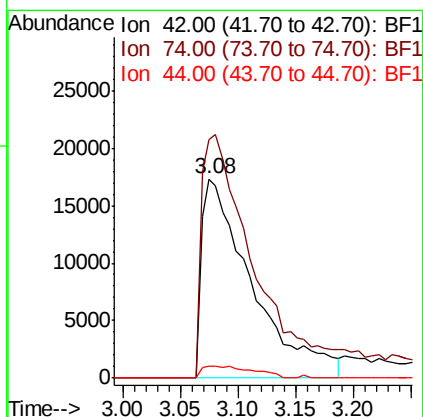
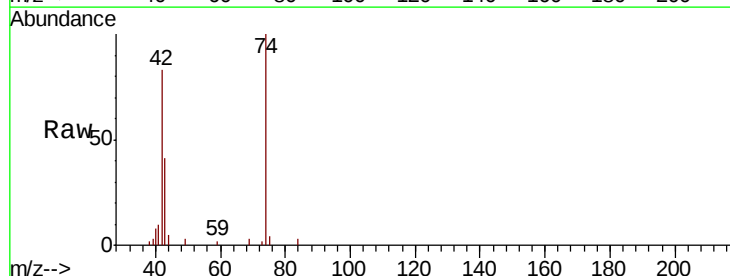
Ion	Ratio	Lower	Upper
79	100		
52	61.6	53.1	79.7
51	36.7	27.4	41.2

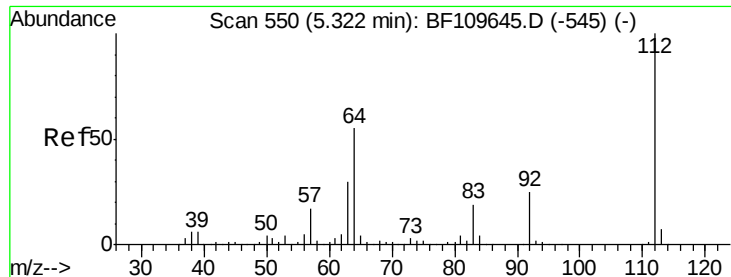


#4
n-Nitrosodimethylamine
Concen: 28.608 ng
RT: 3.08 min Scan# 168
Delta R.T. 0.04 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Tgt Ion: 42 Resp: 52822

Ion	Ratio	Lower	Upper
42	100		
74	119.8	105.5	158.3
44	6.1	4.9	7.3





#5

2-Fluorophenol

Concen: 68.978 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF109782.D

Acq: 11 Oct 2018 10:26

Instrument :

BNA_F

ClientSampleId :

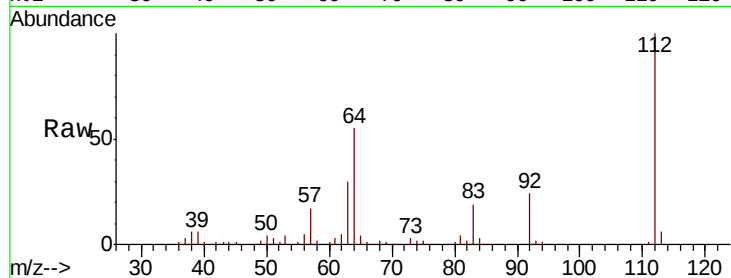
Tot Ion:112 Resp: 325883

Ion Ratio Lower Upper

112 100

64 55.2 44.1 66.1

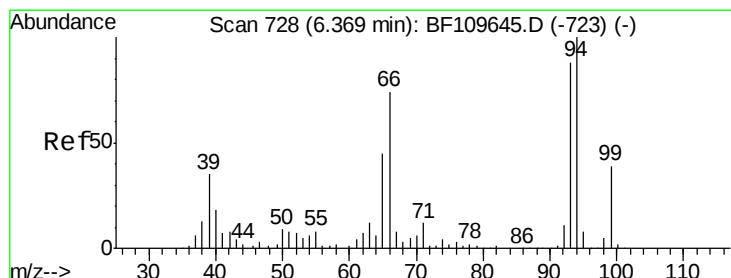
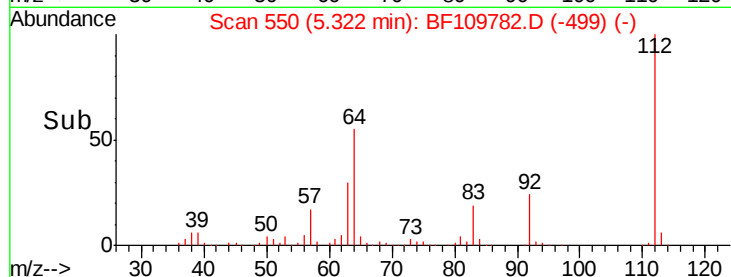
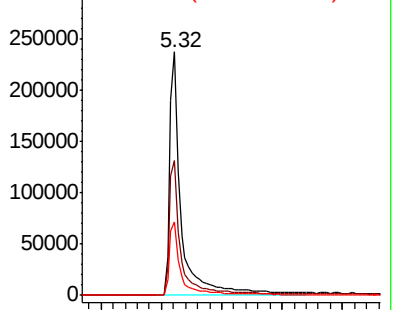
63 29.9 23.7 35.5



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: 14.519 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109782.D

Acq: 11 Oct 2018 10:26

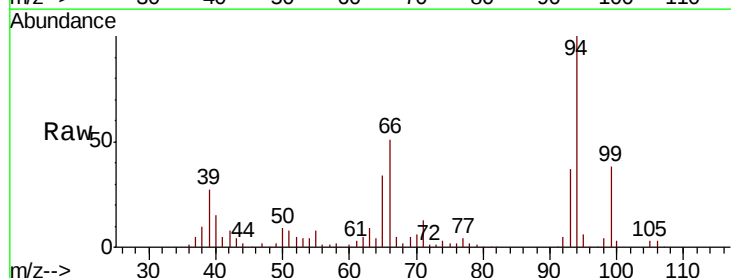
Tgt Ion: 93 Resp: 106745

Ion Ratio Lower Upper

93 100

66 136.9 67.4 101.0#

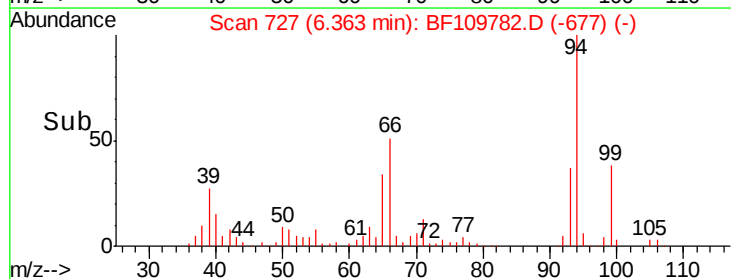
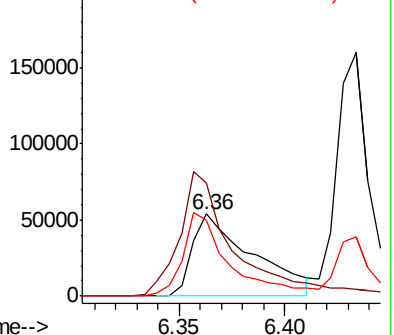
65 91.9 41.0 61.4#

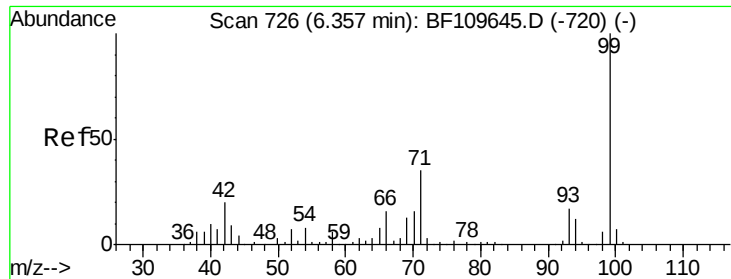


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 68.839 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109782.D

Acq: 11 Oct 2018 10:26

Instrument :

BNA_F

ClientSampleId :

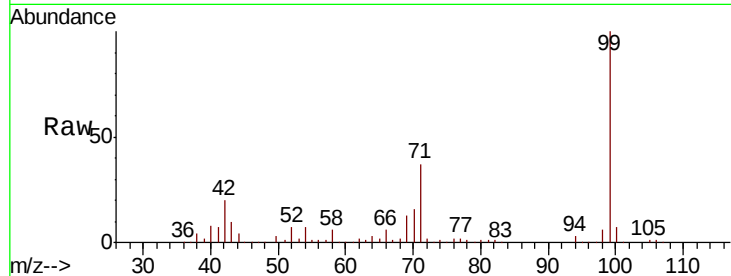
Tot Ion: 99 Resp: 434466

Ion Ratio Lower Upper

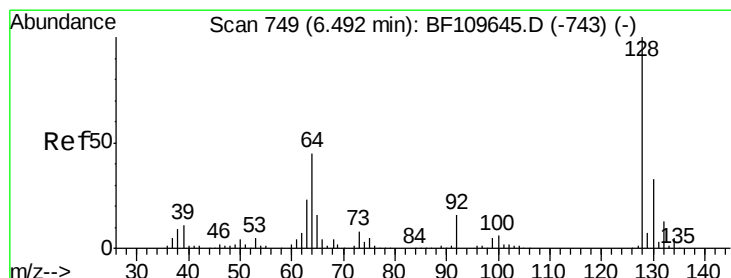
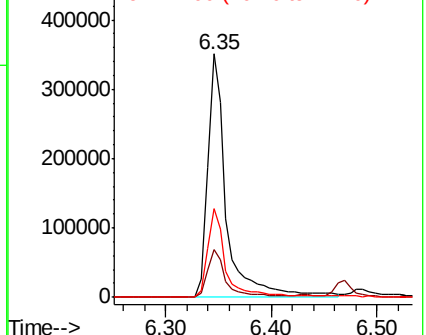
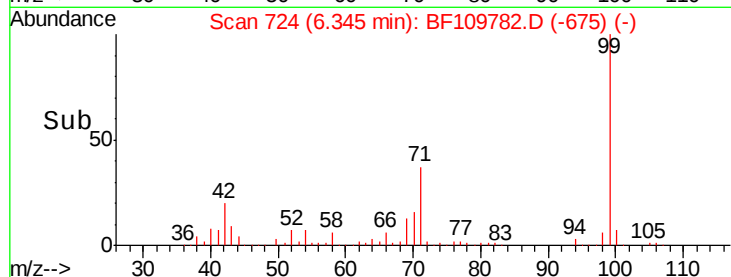
99 100

42 19.6 15.8 23.6

71 36.7 28.0 42.0



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: 33.624 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF109782.D

Acq: 11 Oct 2018 10:26

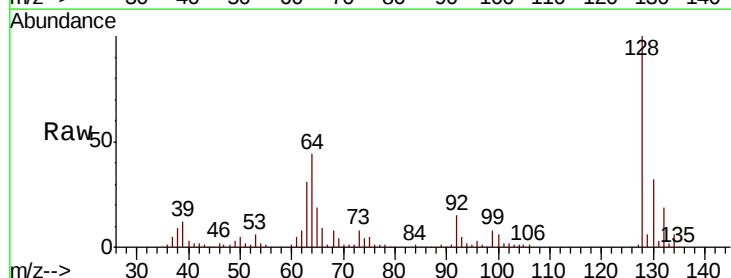
Tgt Ion: 128 Resp: 195373

Ion Ratio Lower Upper

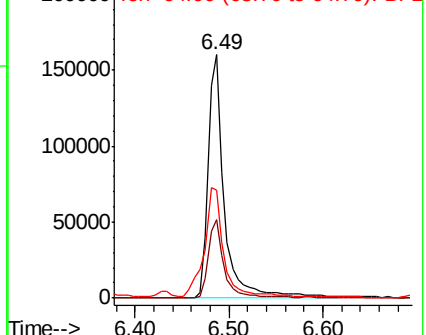
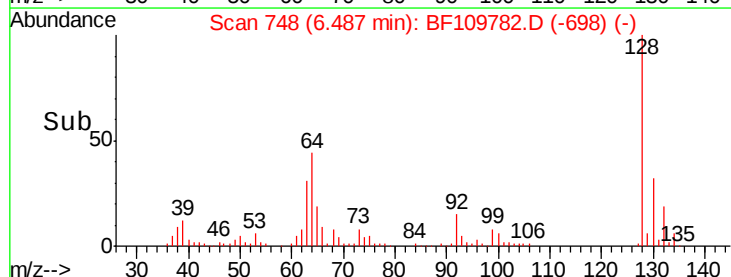
128 100

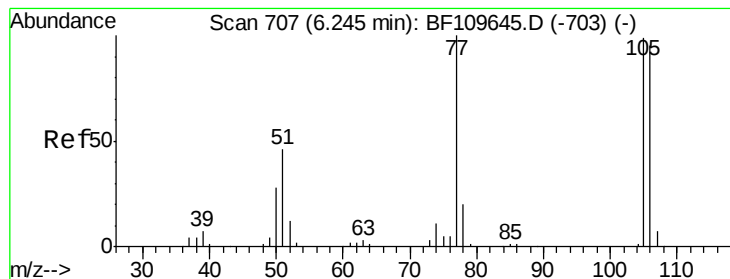
130 32.3 13.1 53.1

64 44.4 26.0 66.0



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: 21.217 ng

RT: 6.25 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF109782.D

Acq: 11 Oct 2018 10:26

Instrument :

BNA_F

ClientSampled :

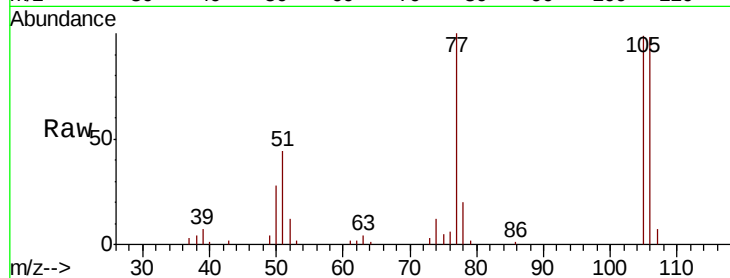
Tot Ion: 77 Resp: 86170

Ion Ratio Lower Upper

77 100

105 99.3 78.6 118.6

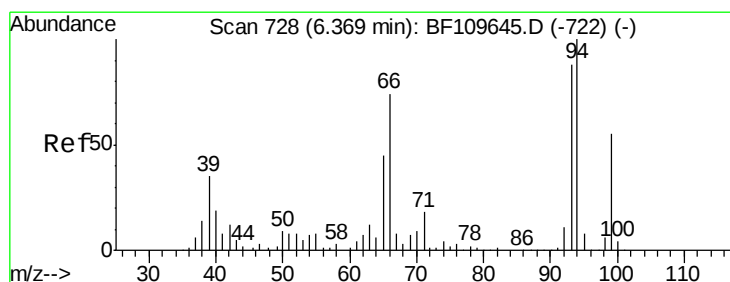
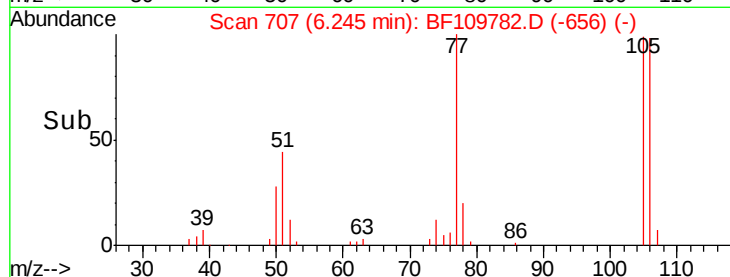
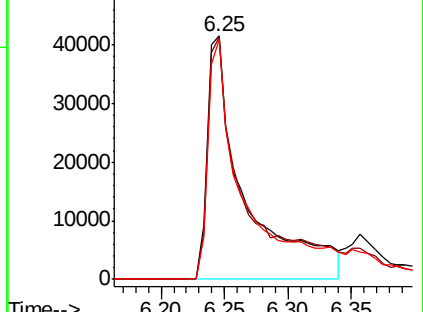
106 98.4 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 29.978 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109782.D

Acq: 11 Oct 2018 10:26

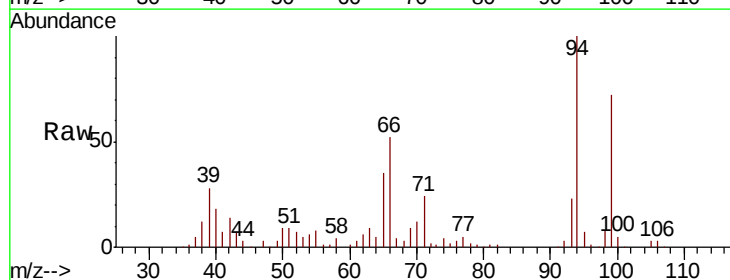
Tgt Ion: 94 Resp: 216957

Ion Ratio Lower Upper

94 100

65 34.9 25.3 65.3

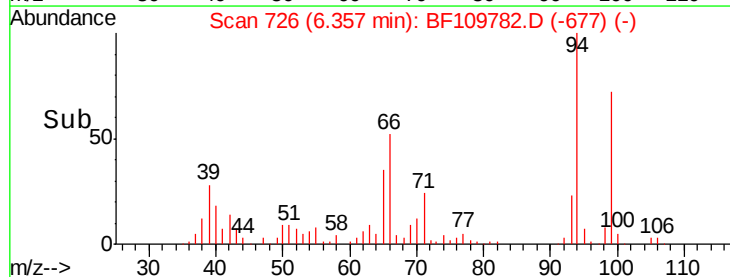
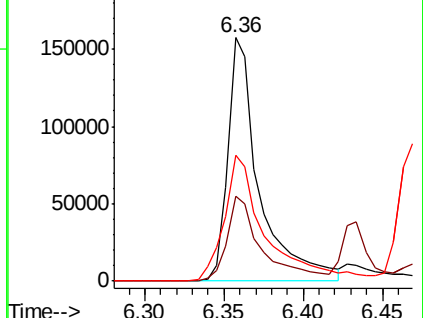
66 51.8 54.5 94.5#



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

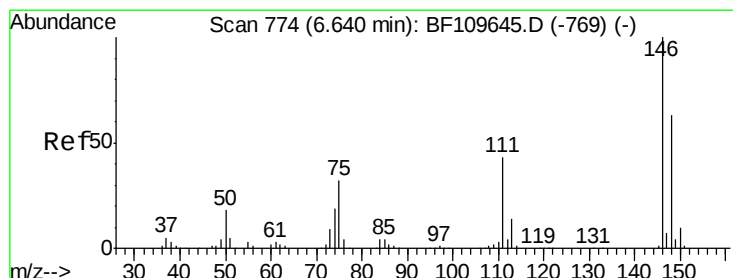
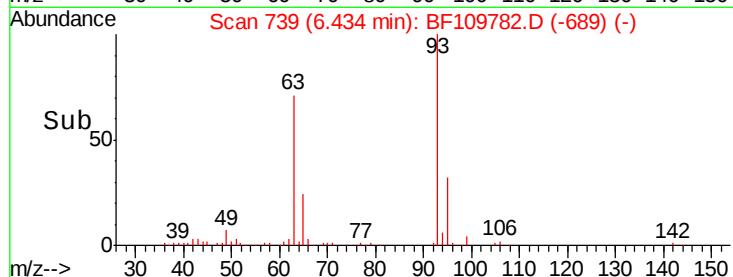
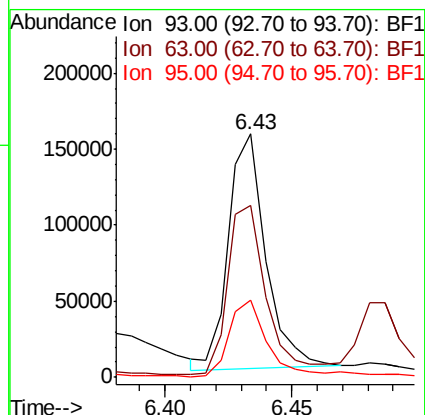
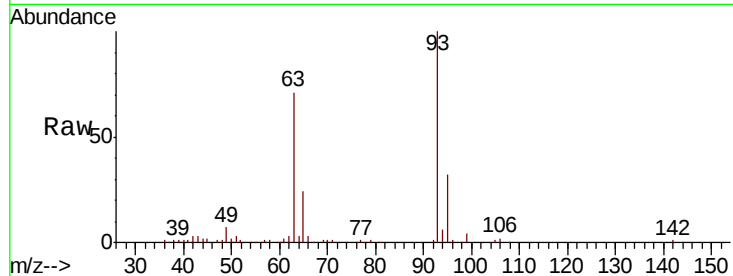




#11
bis(2-Chloroethyl)ether
Concen: 26.407 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

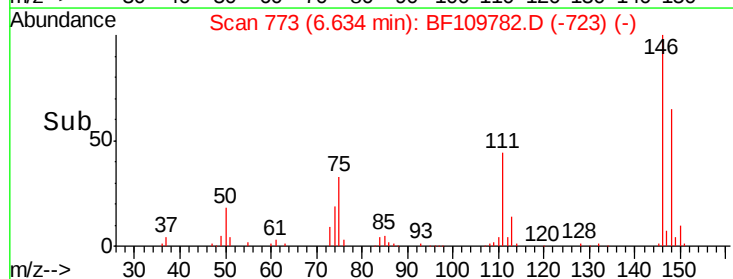
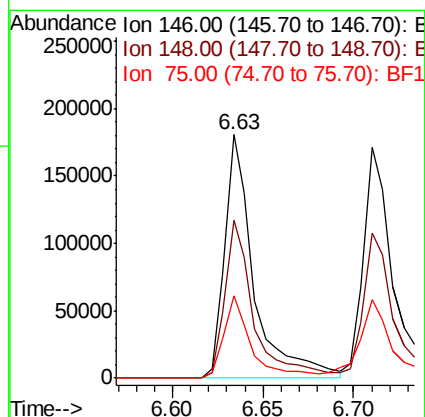
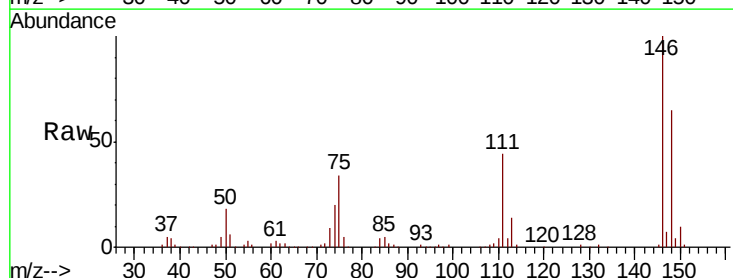
Instrument :
BNA_F
ClientSampleId :

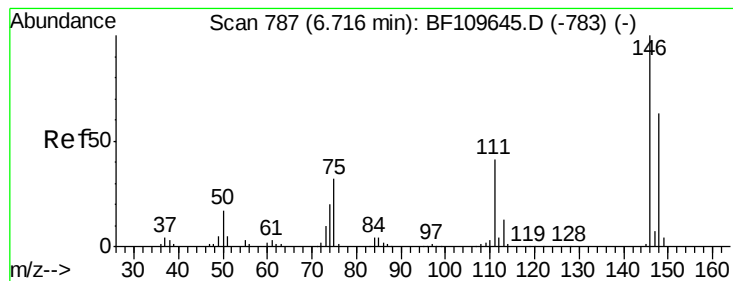
Tot Ion: 93 Resp: 158441
Ion Ratio Lower Upper
93 100
63 70.7 53.4 93.4
95 31.6 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 30.535 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Tgt Ion: 146 Resp: 202925
Ion Ratio Lower Upper
146 100
148 65.0 50.4 75.6
75 33.6 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 30.986 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF109782.D

Acq: 11 Oct 2018 10:26

Instrument :

BNA_F

ClientSampled :

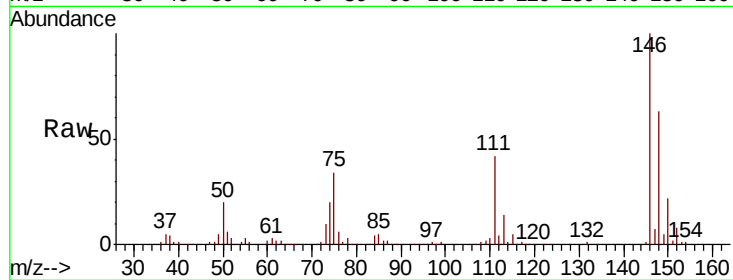
Tot Ion:146 Resp: 224467

Ion Ratio Lower Upper

146 100

148 63.0 50.3 75.5

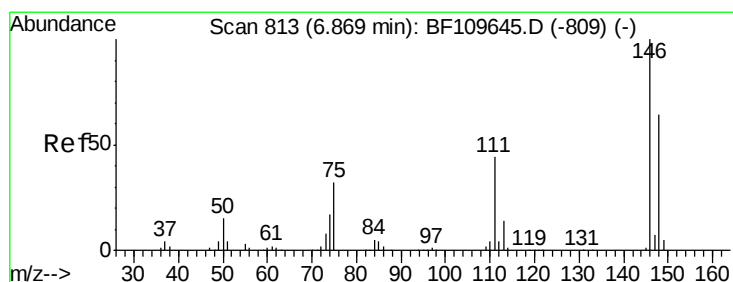
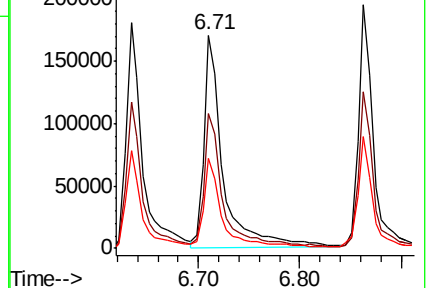
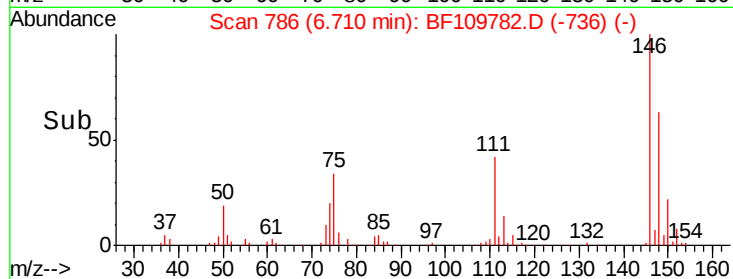
111 42.1 32.7 49.1



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: 30.382 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF109782.D

Acq: 11 Oct 2018 10:26

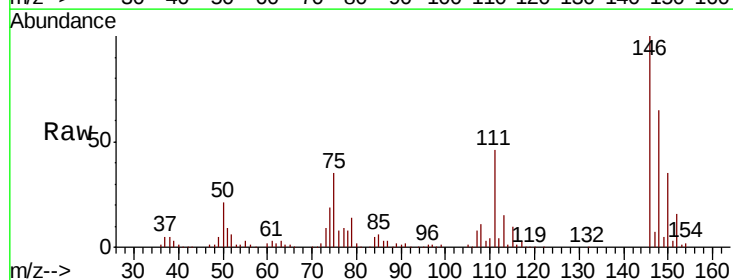
Tgt Ion:146 Resp: 193291

Ion Ratio Lower Upper

146 100

148 64.6 51.1 76.7

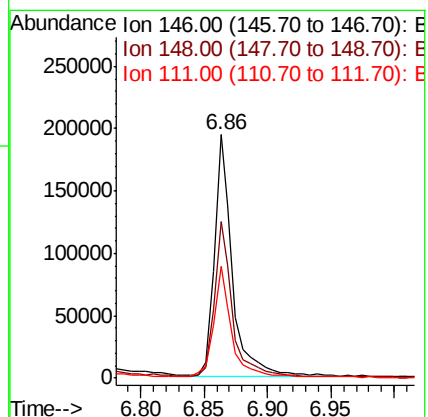
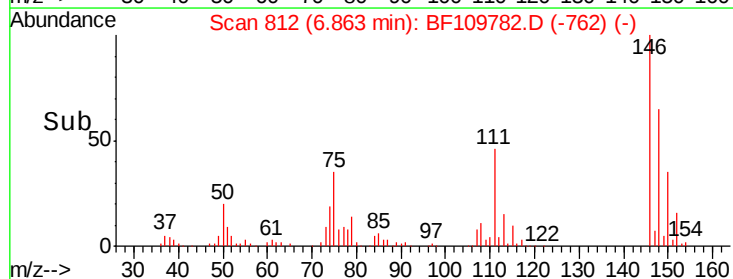
111 45.8 35.8 53.6

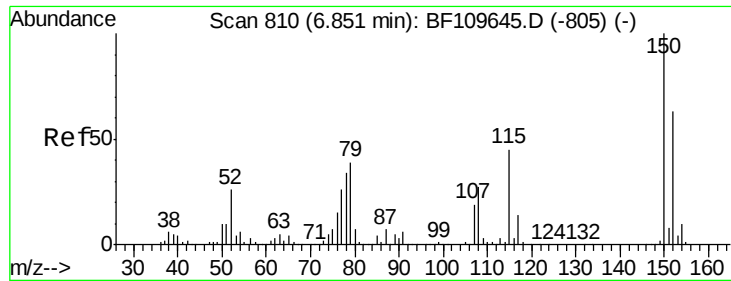


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

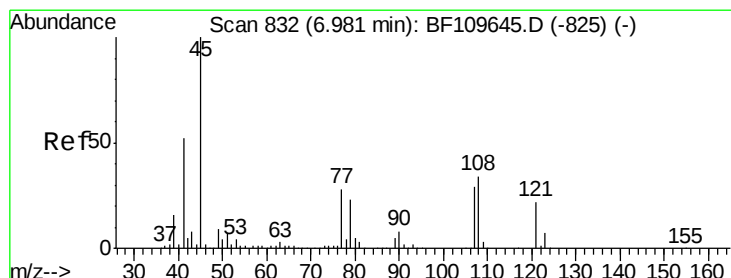
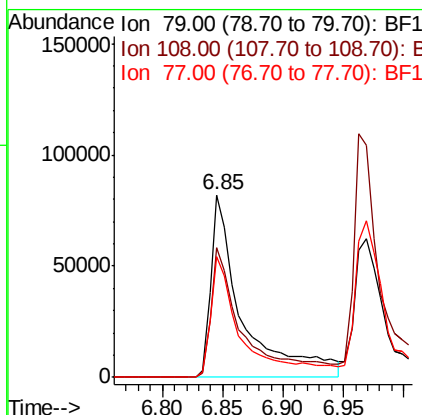
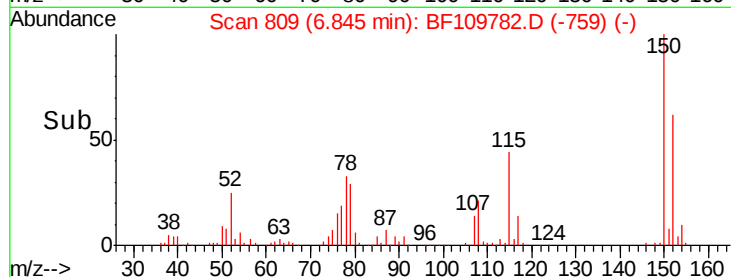
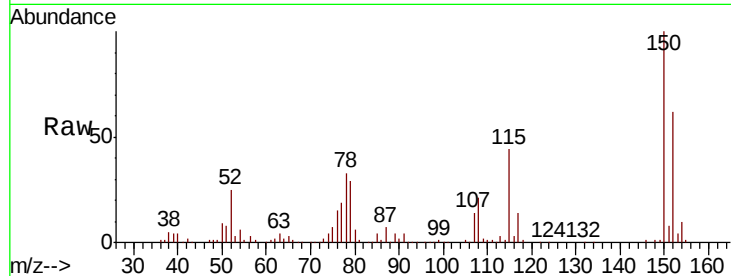




#15
Benzyl Alcohol
Concen: 31.719 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

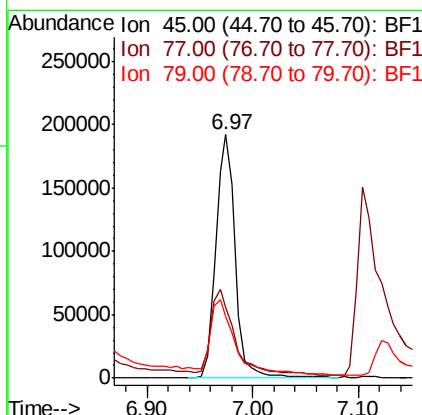
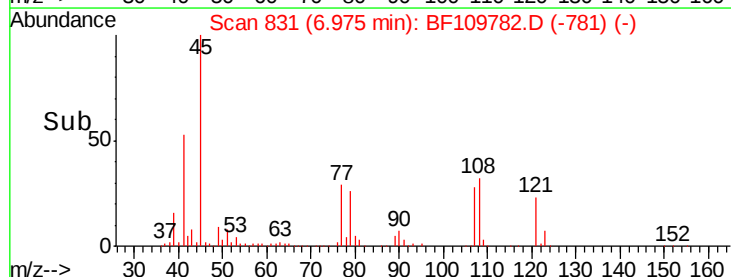
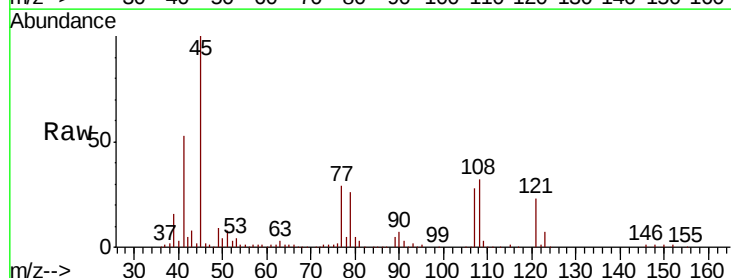
Instrument :
BNA_F
ClientSampled :

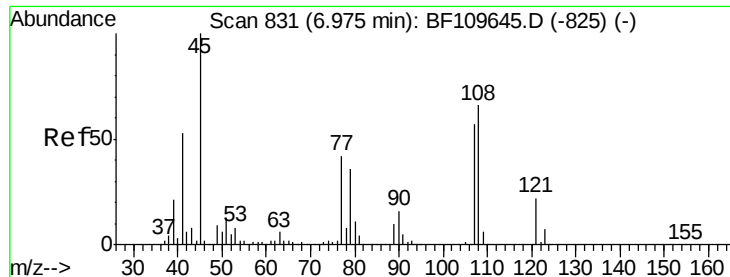
Tot Ion: 79 Resp: 148412
Ion Ratio Lower Upper
79 100
108 70.9 56.3 84.5
77 66.1 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.243 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Tgt Ion: 45 Resp: 248559
Ion Ratio Lower Upper
45 100
77 29.2 10.0 50.0
79 25.6 6.1 46.1

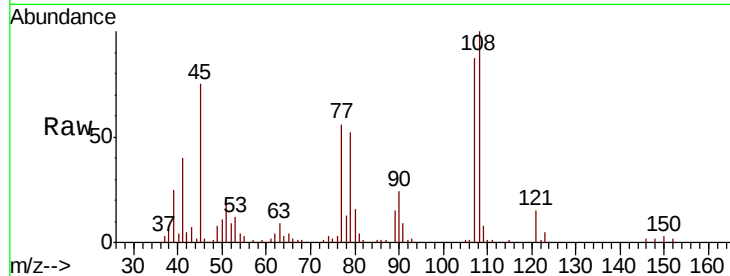




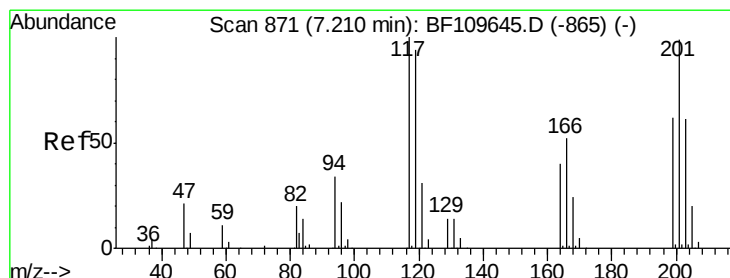
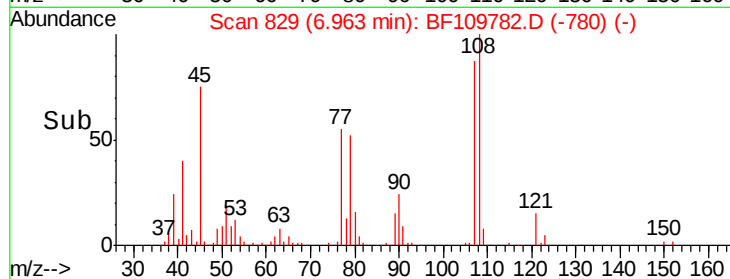
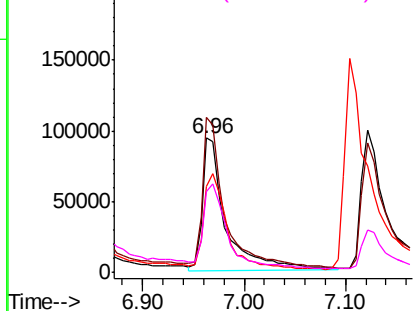
#17
2-Methylphenol
Concen: 32.764 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	150546
Ion	Ratio	Lower	Upper
107	100		
108	115.3	92.6	138.8
77	64.2	59.4	89.2
79	60.0	54.0	81.0

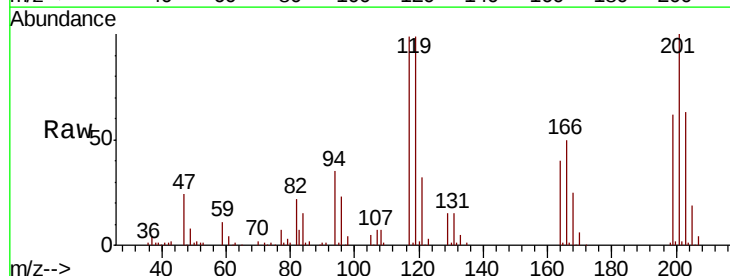


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

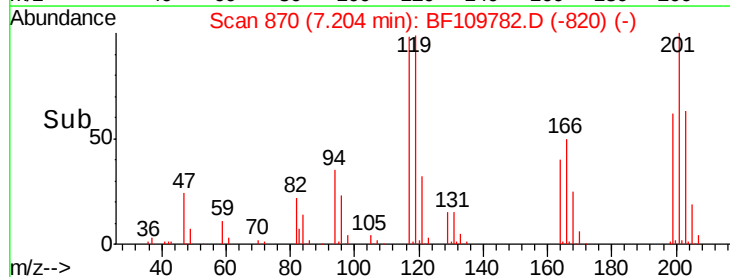
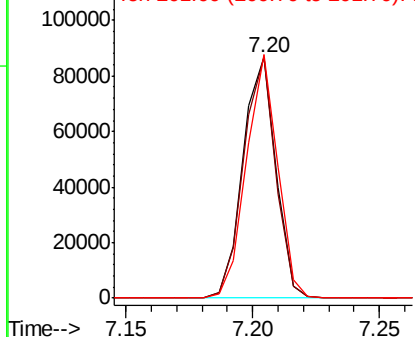


#18
Hexachloroethane
Concen: 30.544 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Tgt Ion:	117	Resp:	78211
Ion	Ratio	Lower	Upper
117	100		
119	100.2	75.0	112.6
201	101.1	79.2	118.8



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

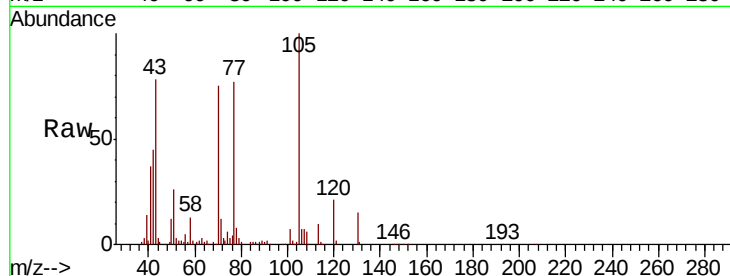




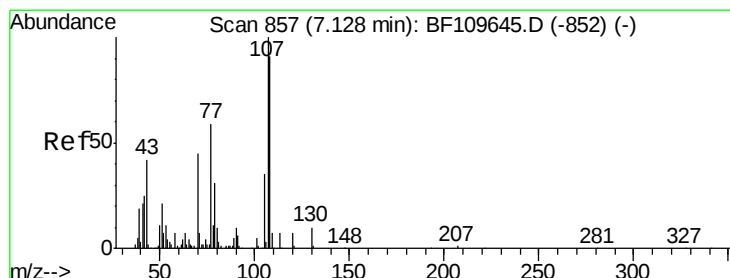
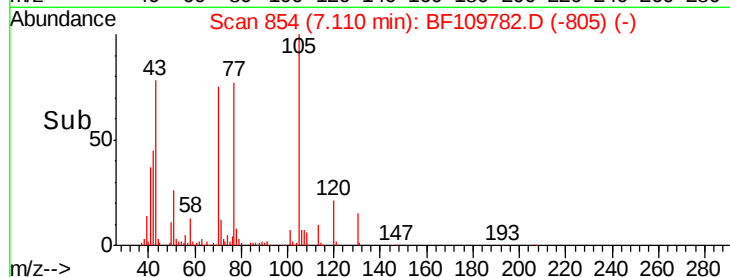
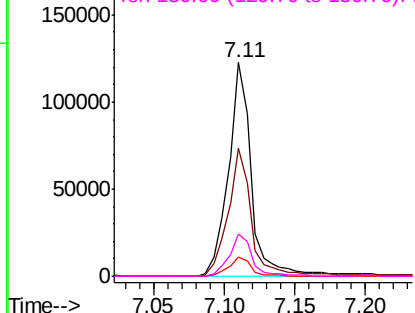
#19
n-Nitroso-di-n-propylamine
Concen: 31.370 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	138843
Ion	Ratio	Lower	Upper
70	100		
42	59.8	47.4	71.2
101	9.2	7.3	10.9
130	20.0	16.2	24.2

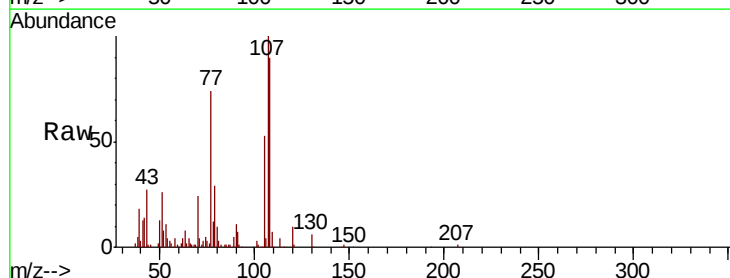


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

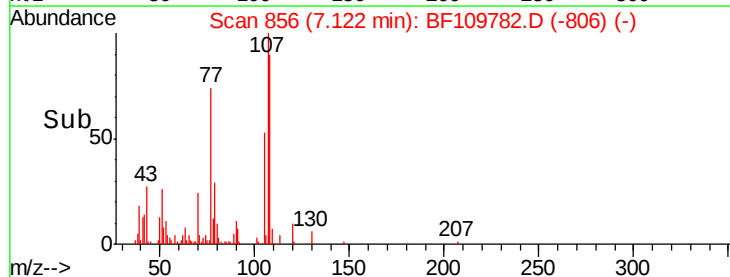
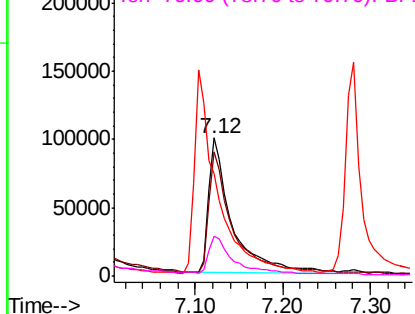


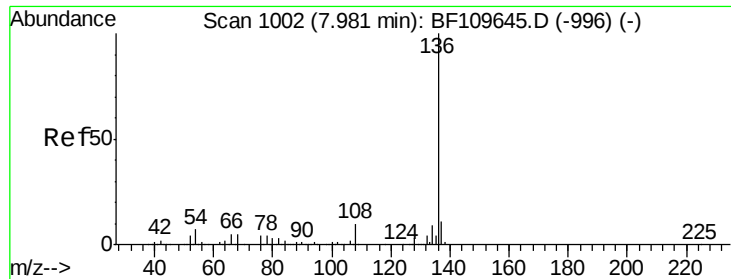
#20
3+4-Methylphenols
Concen: 32.164 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Tgt Ion:	107	Resp:	182110
Ion	Ratio	Lower	Upper
107	100		
108	90.4	71.4	111.4
77	74.2	47.3	87.3
79	29.2	10.9	50.9



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

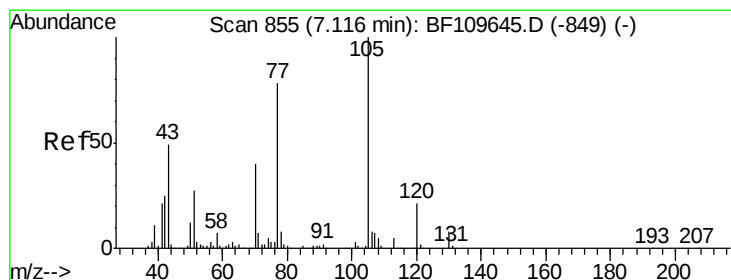
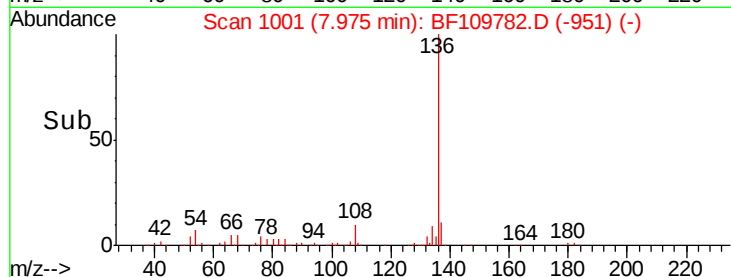
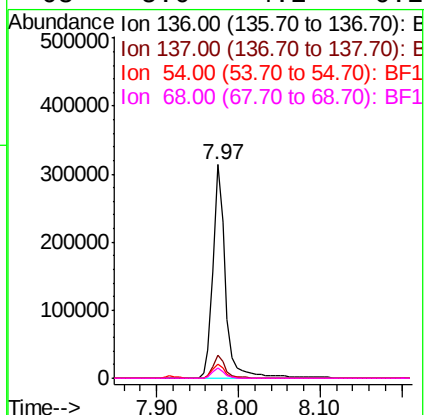
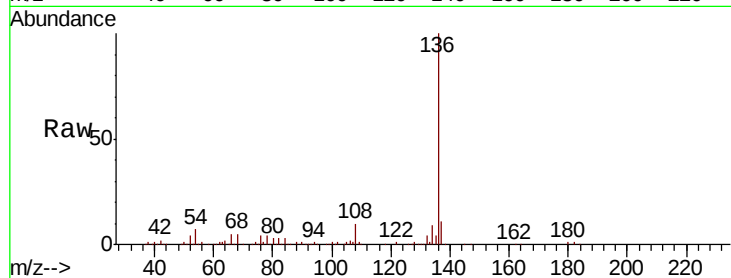




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

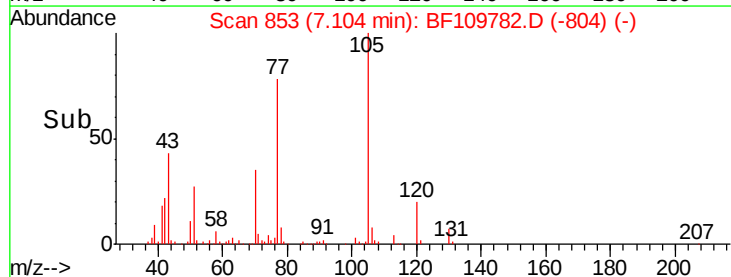
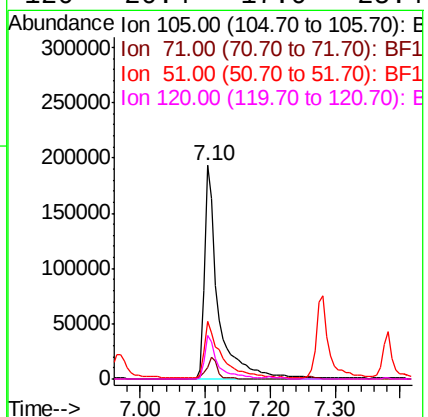
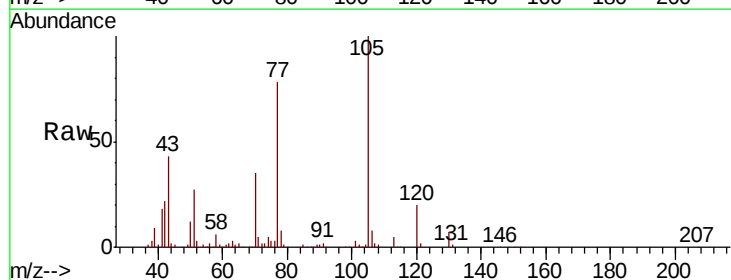
Instrument :
BNA_F
ClientSampleId :

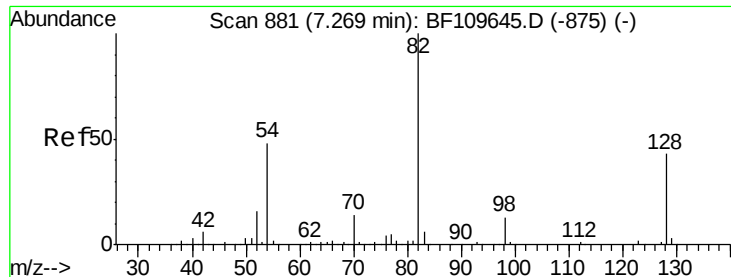
Tot Ion:136	Resp:	337430	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	8.8	13.2	
54 6.7	5.4	8.2	
68 5.0	4.2	6.2	



#22
Acetophenone
Concen: 35.072 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Tgt	Ion:105	Resp:	286175
Ion	Ratio	Lower	Upper
105	100		
71	5.4	5.2	7.8
51	26.8	21.8	32.8
120	20.4	17.0	25.4

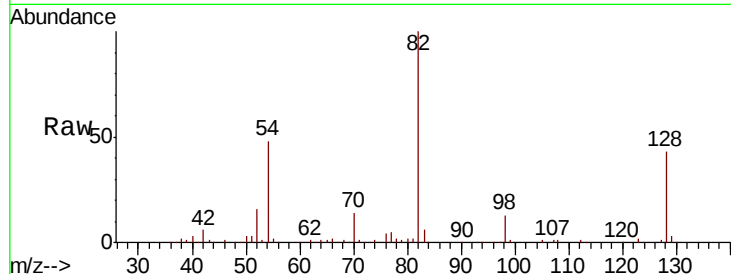




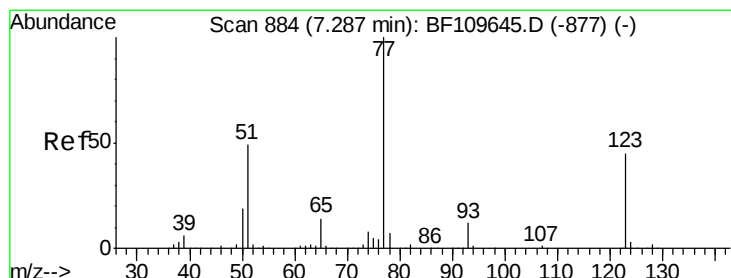
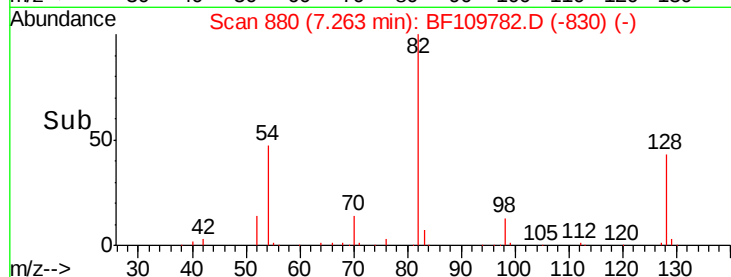
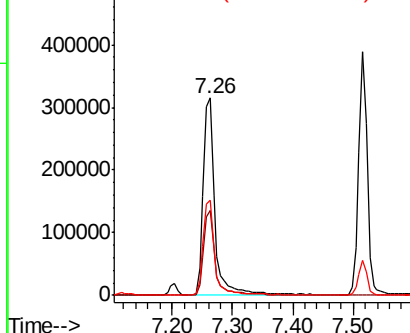
#23
Nitrobenzene-d5
Concen: 71.154 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	435558
Ion Ratio	100	Lower	Upper
128	42.8	34.2	51.2
54	48.2	38.6	58.0

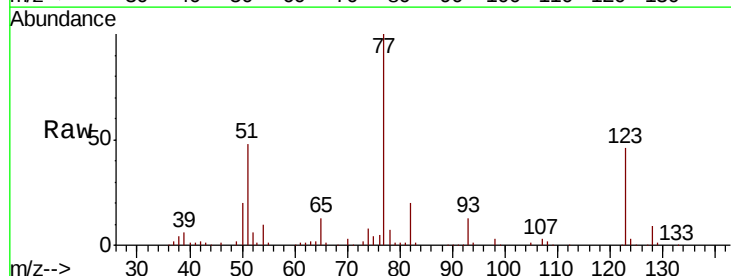


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

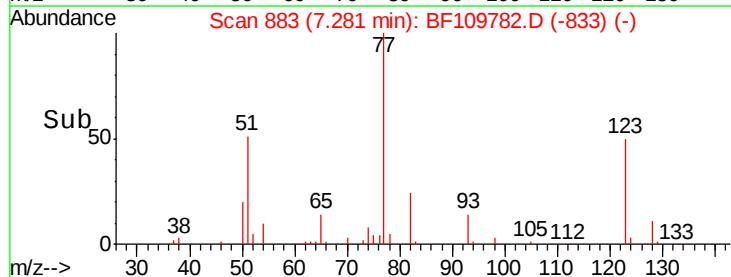
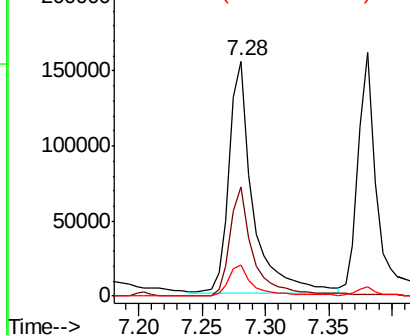


#24
Nitrobenzene
Concen: 31.721 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Tgt Ion	77	Resp	202054
Ion Ratio	100	Lower	Upper
123	46.3	35.7	53.5
65	13.3	10.7	16.1



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





#25

Isophorone

Concen: 37.373 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF109782.D

Acq: 11 Oct 2018 10:26

Instrument :
BNA_F
ClientSampled :

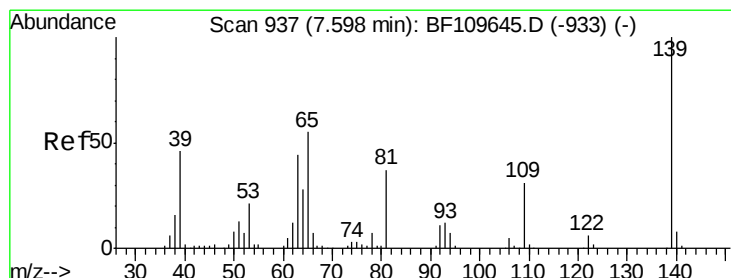
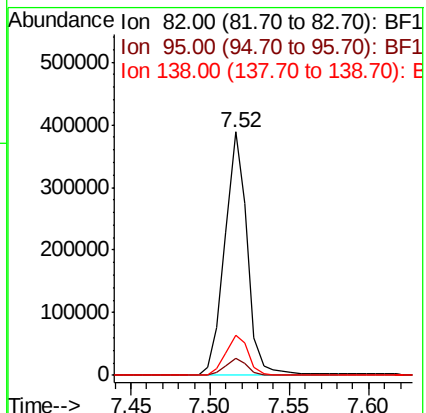
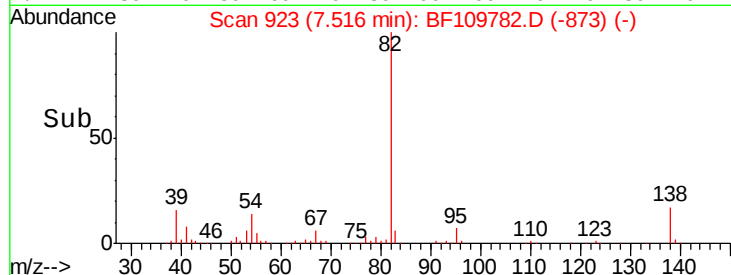
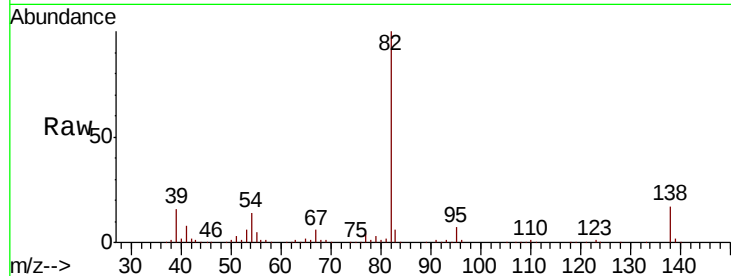
Tot Ion: 82 Resp: 379888

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

138 16.7 13.2 19.8



#26

2-Nitrophenol

Concen: 32.985 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF109782.D

Acq: 11 Oct 2018 10:26

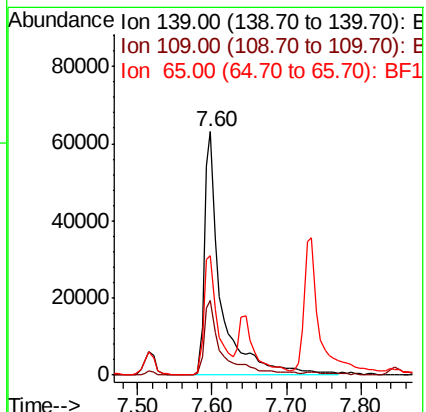
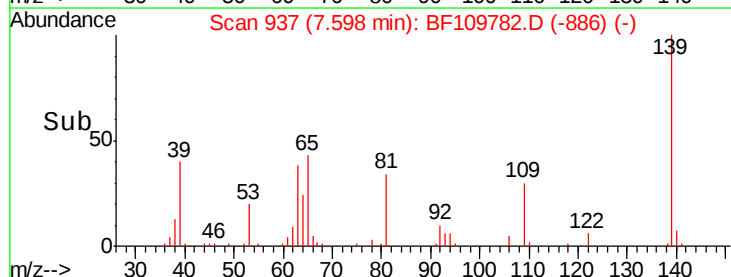
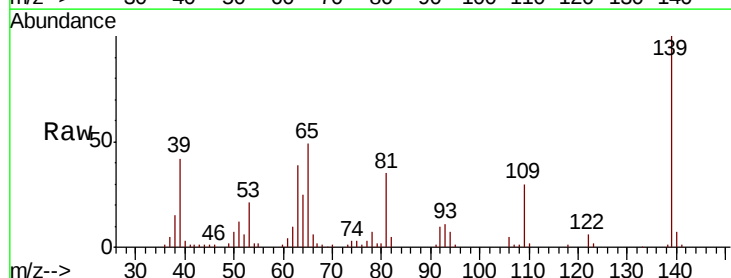
Tgt Ion: 139 Resp: 98275

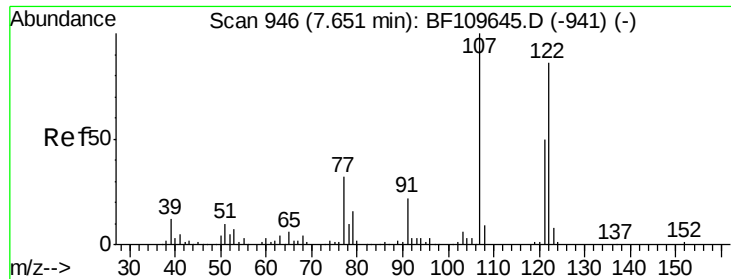
Ion Ratio Lower Upper

139 100

109 30.5 25.0 37.6

65 48.8 44.0 66.0

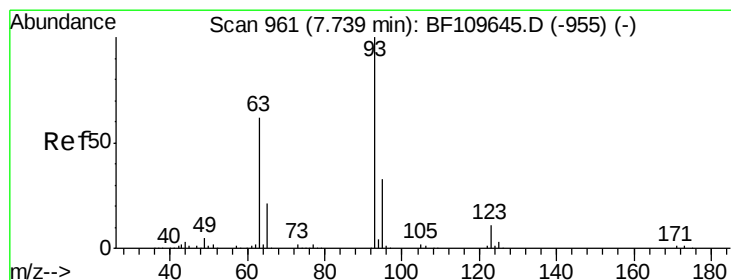
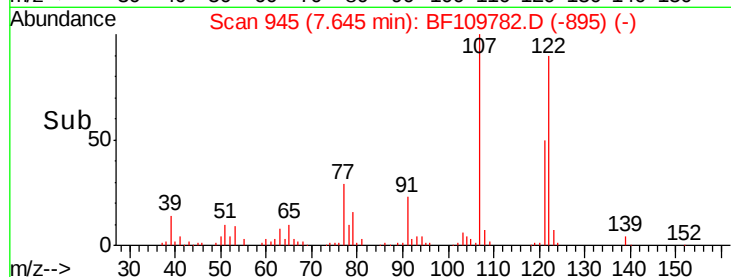
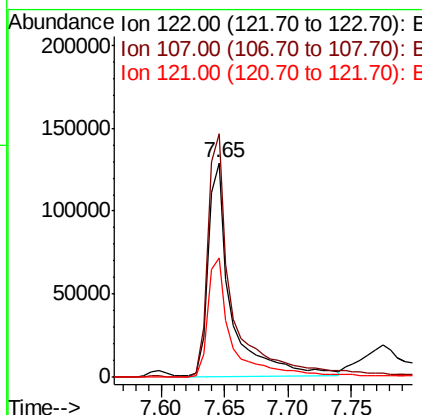
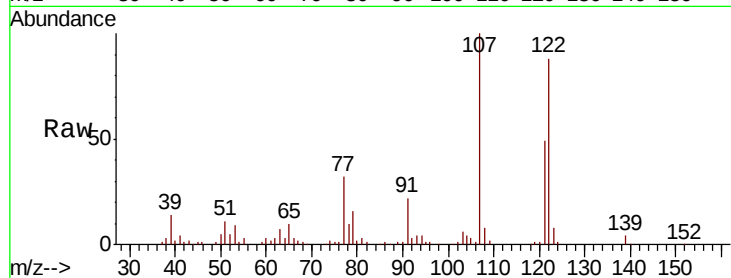




#27
 2,4-Dimethylphenol
 Concen: 38.292 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF109782.D
 Acq: 11 Oct 2018 10:26

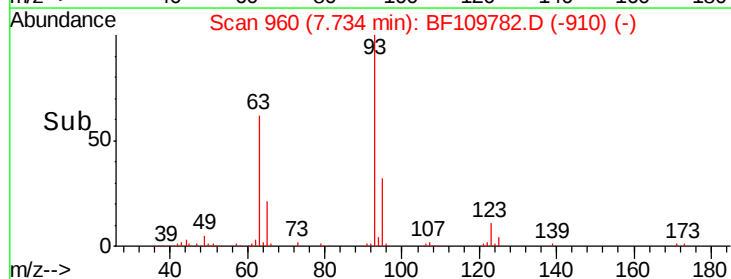
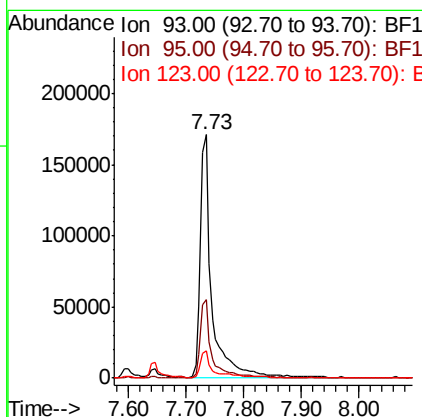
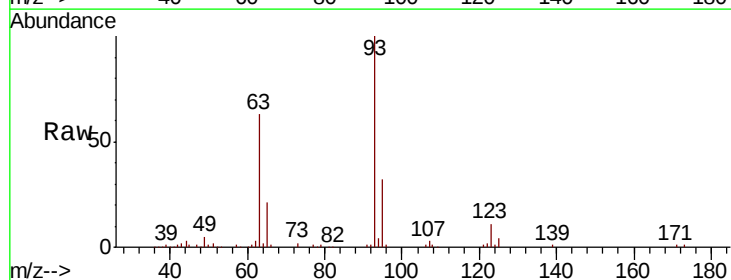
Instrument :
 BNA_F
 ClientSampleId :

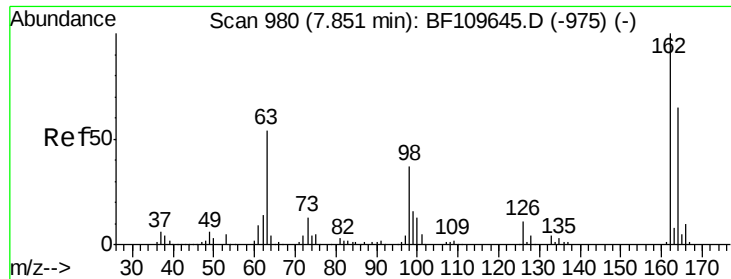
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.4	92.5	138.7
121	55.9	45.8	68.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.661 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF109782.D
 Acq: 11 Oct 2018 10:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.4	39.6
123	11.2	9.0	13.6

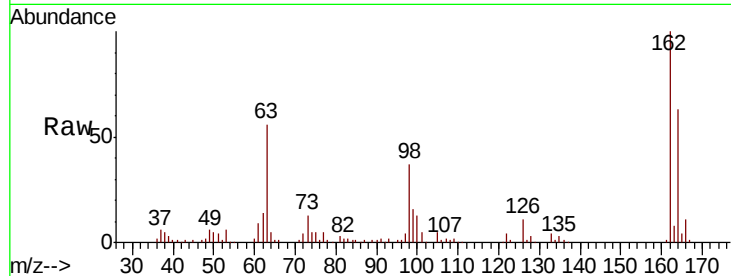




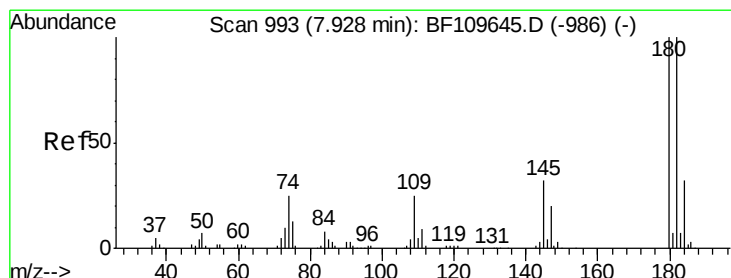
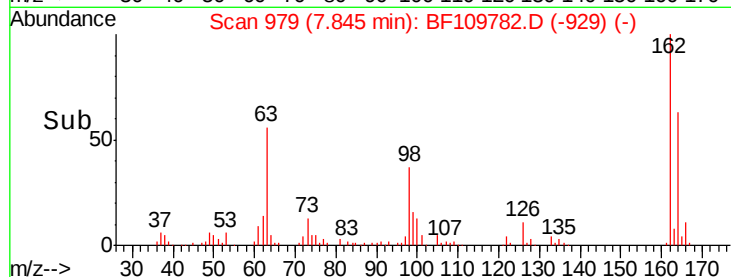
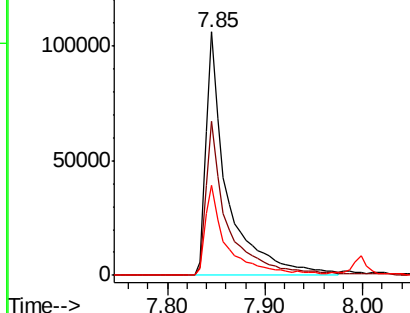
#29
 2,4-Dichlorophenol
 Concen: 33.241 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF109782.D
 Acq: 11 Oct 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.6	84.6
98	37.2	17.4	57.4

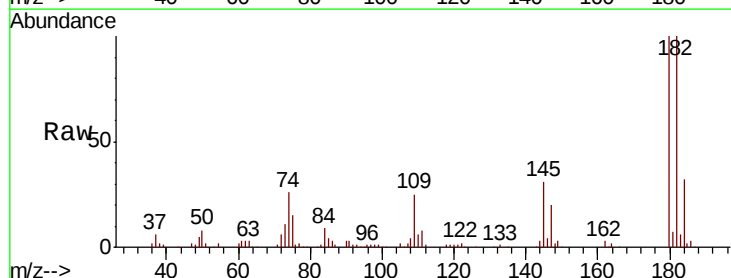


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

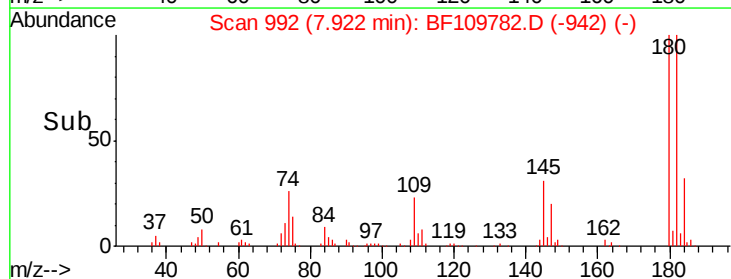
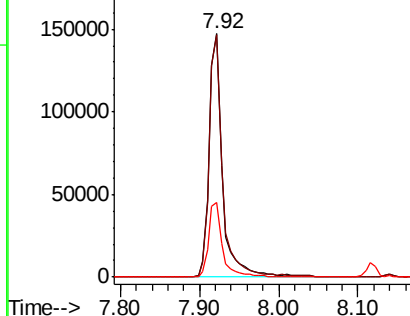


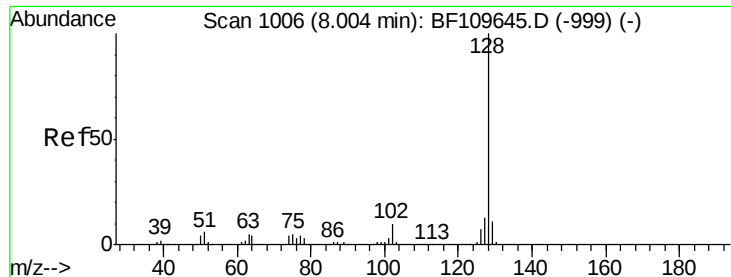
#30
 1,2,4-Trichlorobenzene
 Concen: 32.400 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF109782.D
 Acq: 11 Oct 2018 10:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.8	80.3	120.5
145	30.8	25.4	38.0



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

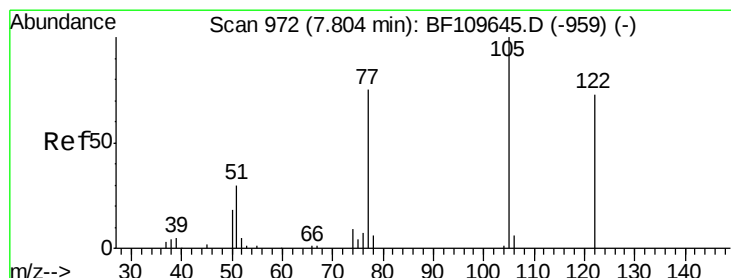
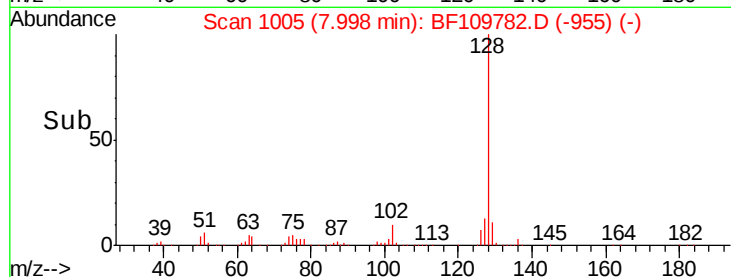
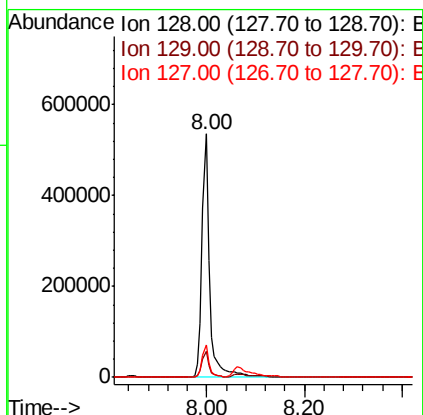
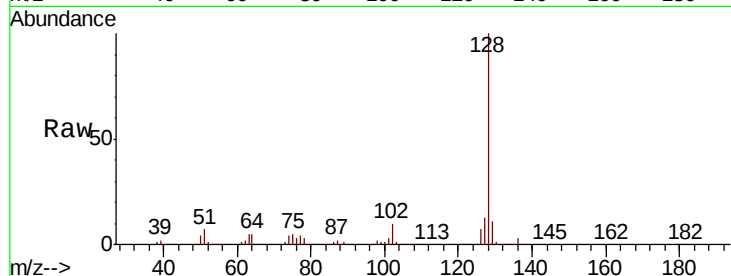




#31
Naphthalene
Concen: 37.583 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

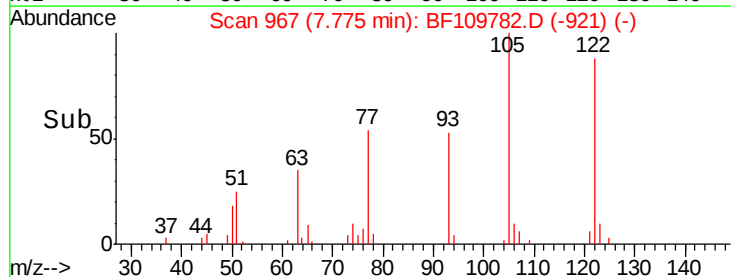
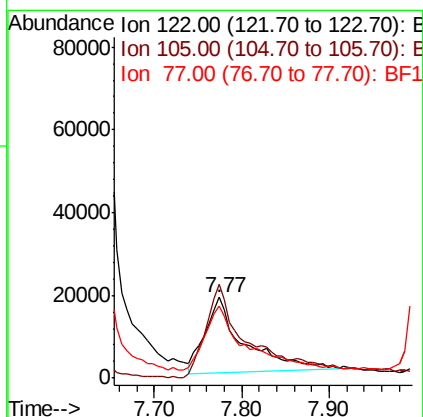
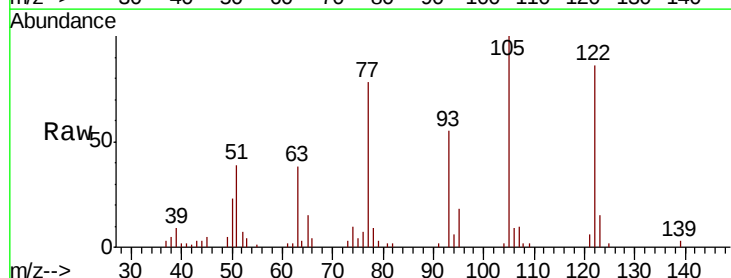
Instrument :
BNA_F
ClientSampleId :

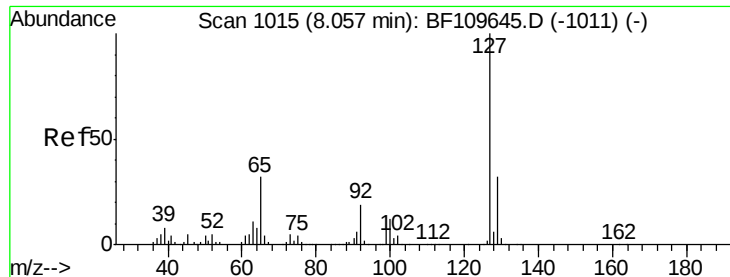
Tot Ion:128 Resp: 586486
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 18.136 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.03 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Tgt Ion:122 Resp: 55787
Ion Ratio Lower Upper
122 100
105 116.1 109.0 149.0
77 90.1 79.0 119.0

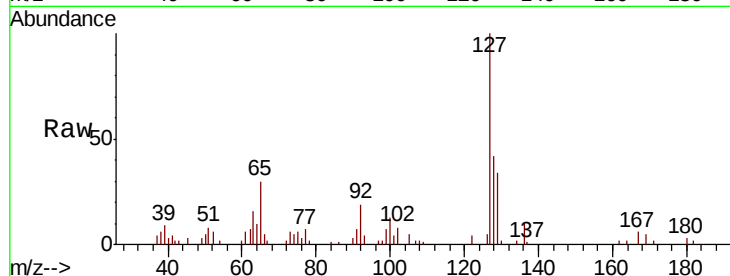




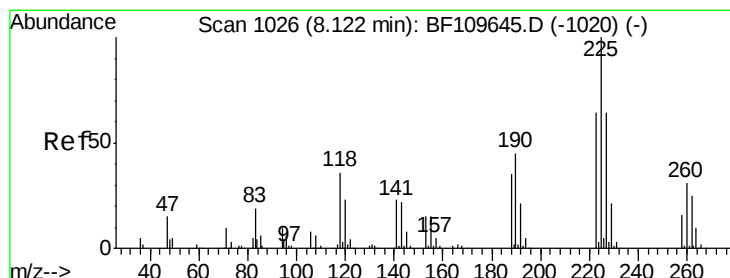
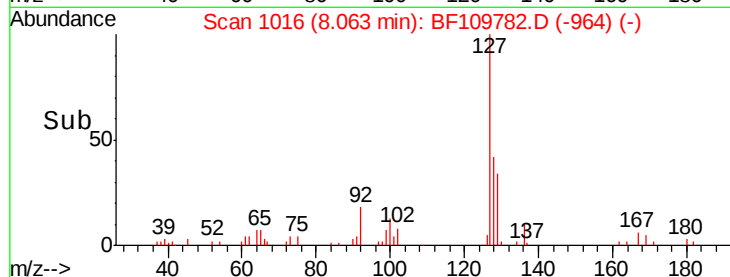
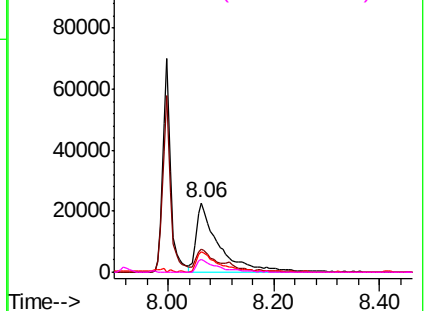
#33
4-Chloroaniline
Concen: 9.908 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	68088
Ion Ratio	Lower	Upper
127	100	
129	33.8	26.0 39.0
65	30.1	25.1 37.7
92	19.2	15.0 22.6

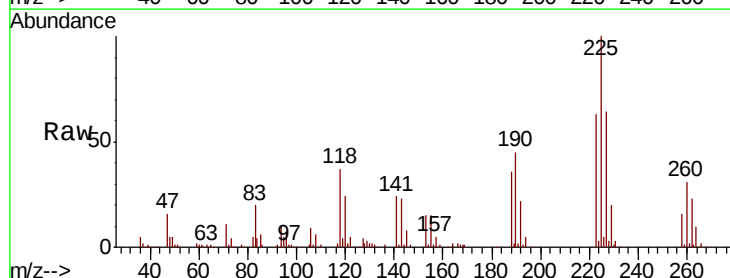


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

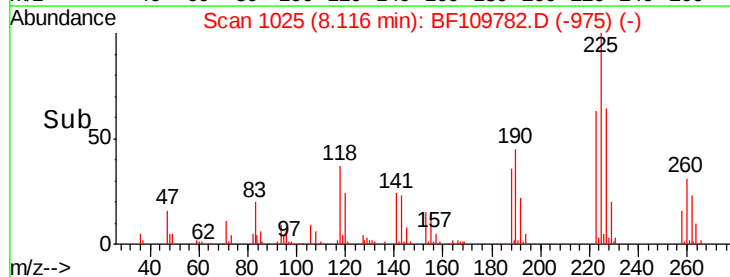
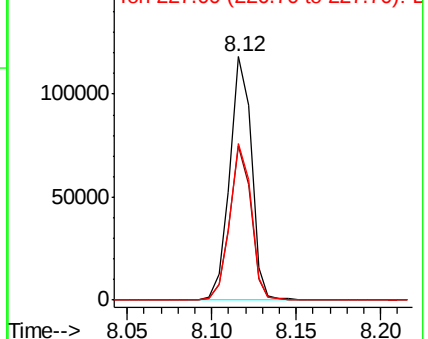


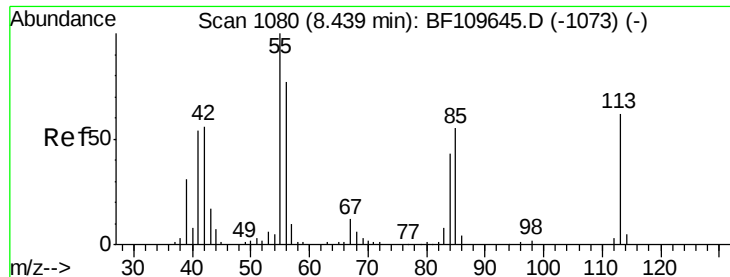
#34
Hexachlorobutadiene
Concen: 31.920 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Tgt Ion:225	Resp:	106025
Ion Ratio	Lower	Upper
225	100	
223	63.0	51.4 77.2
227	64.1	51.0 76.6



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

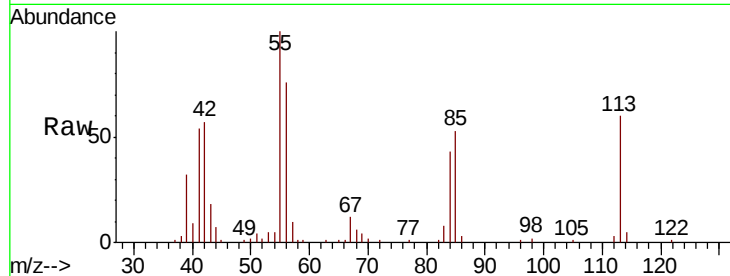




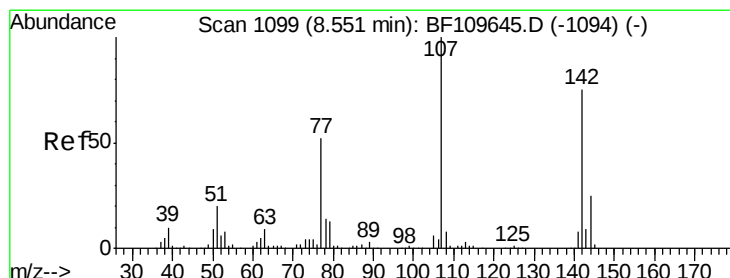
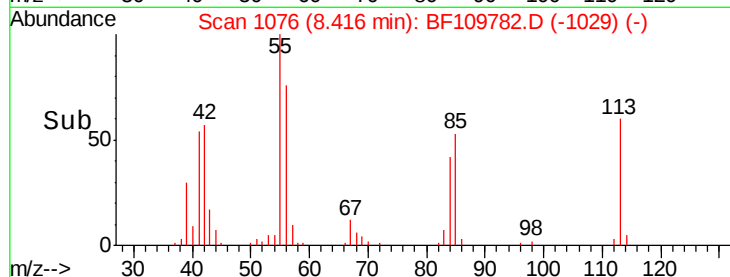
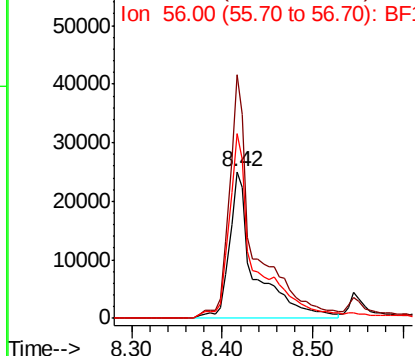
#35
Caprolactam
Concen: 34.090 ng
RT: 8.42 min Scan# 1076
Delta R.T. -0.02 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 49130
Ion Ratio Lower Upper
113 100
55 165.7 142.8 182.8
56 125.9 105.0 145.0

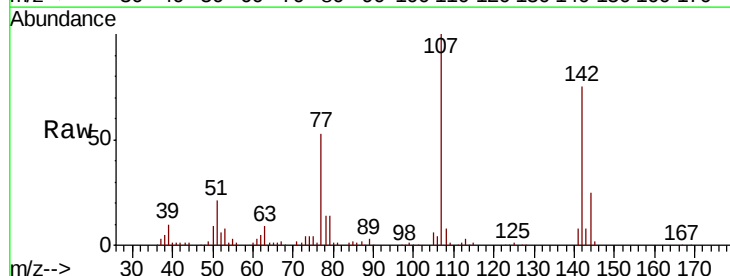


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

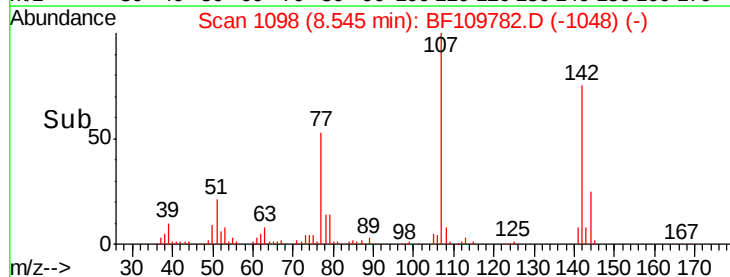
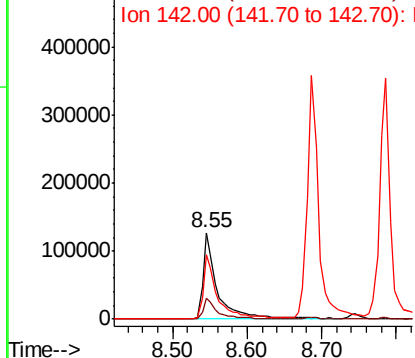


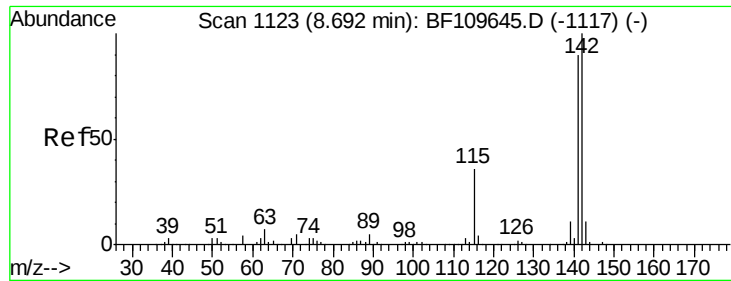
#36
4-Chloro-3-methylphenol
Concen: 34.319 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Tgt Ion:107 Resp: 174823
Ion Ratio Lower Upper
107 100
144 24.6 20.0 30.0
142 74.8 59.7 89.5



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

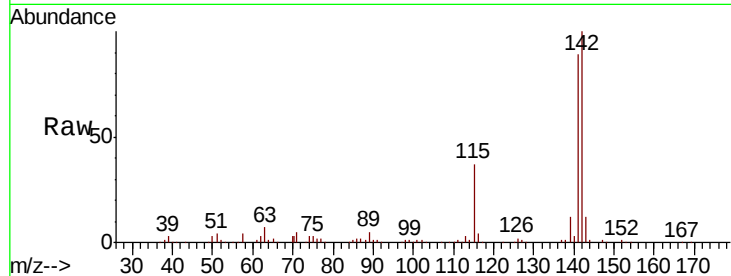




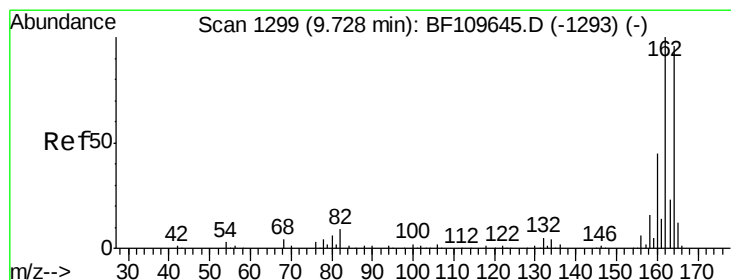
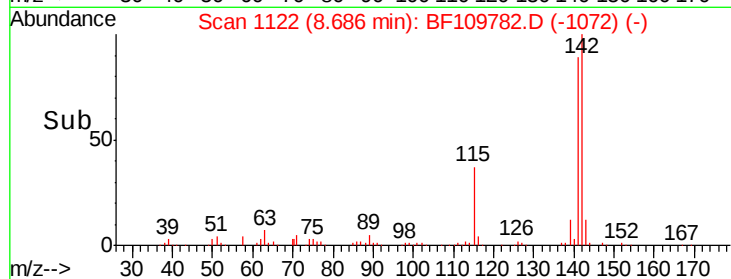
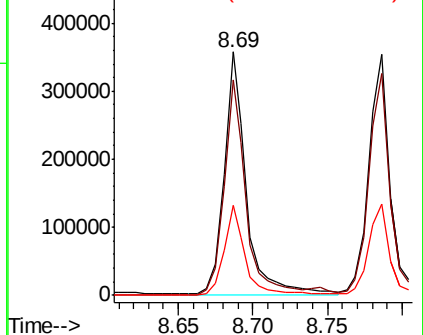
#37
2-Methylnaphthalene
Concen: 36.823 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 376404
Ion Ratio Lower Upper
142 100
141 88.6 71.4 107.2
115 36.8 28.7 43.1

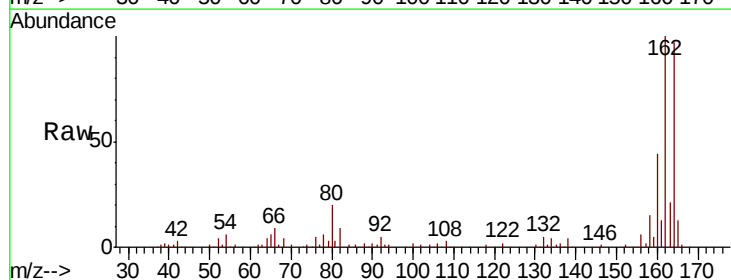


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

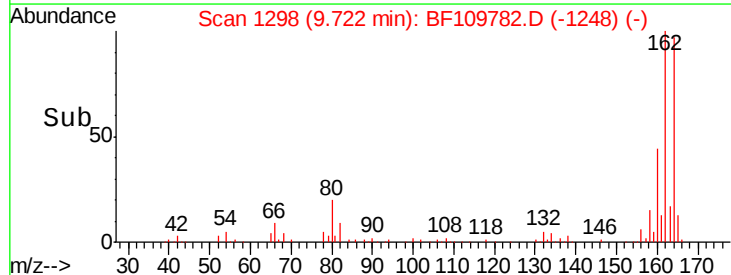
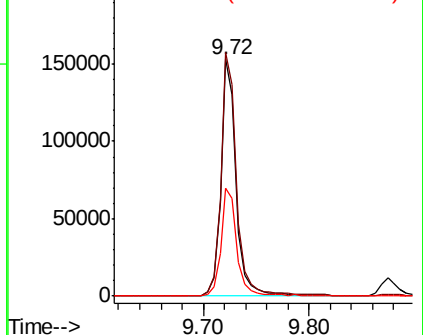


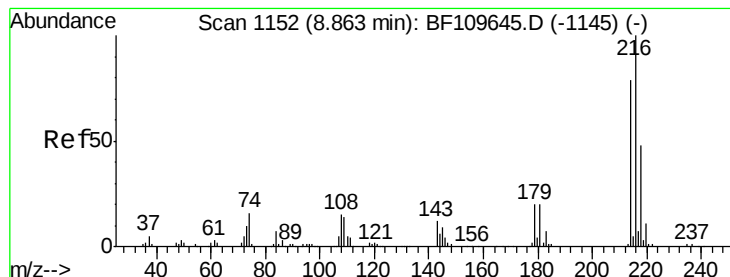
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Tgt Ion:164 Resp: 155832
Ion Ratio Lower Upper
164 100
162 102.8 83.0 124.6
160 45.4 37.0 55.6



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.087 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF109782.D

Acq: 11 Oct 2018 10:26

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 180814

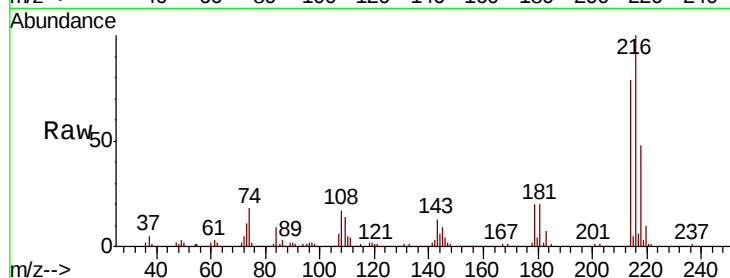
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.6

179 20.3 16.6 25.0

108 18.5 15.1 22.7

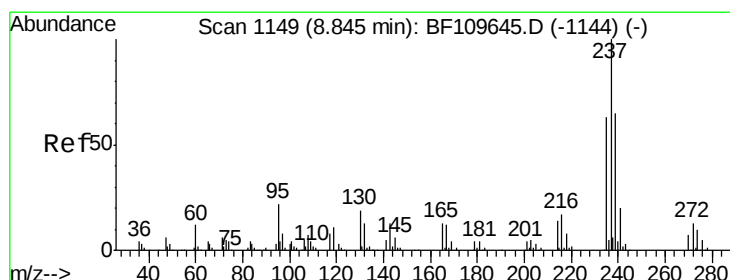
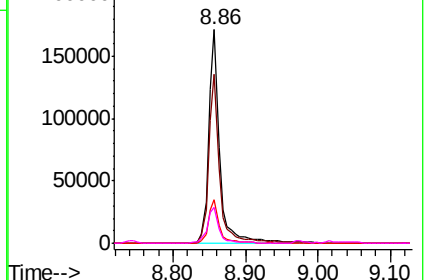
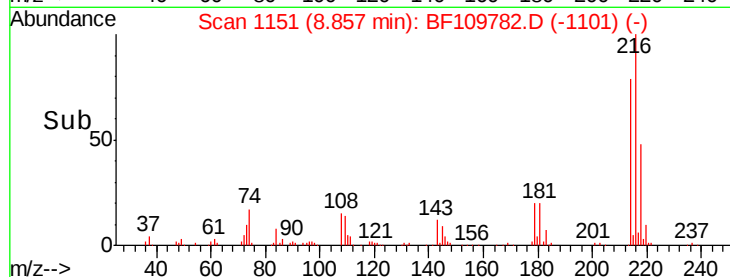


Abundance Ion 216.00 (215.70 to 216.70): E

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: 28.429 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF109782.D

Acq: 11 Oct 2018 10:26

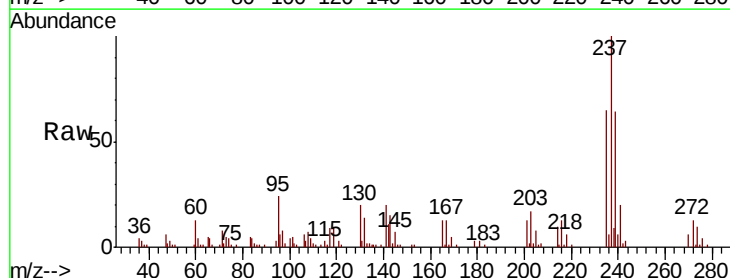
Tgt Ion:237 Resp: 54180

Ion Ratio Lower Upper

237 100

235 64.8 43.1 83.1

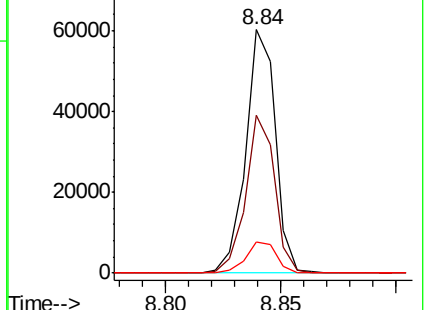
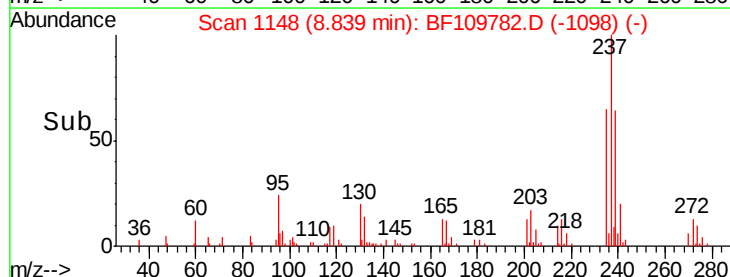
272 12.6 0.0 32.6



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

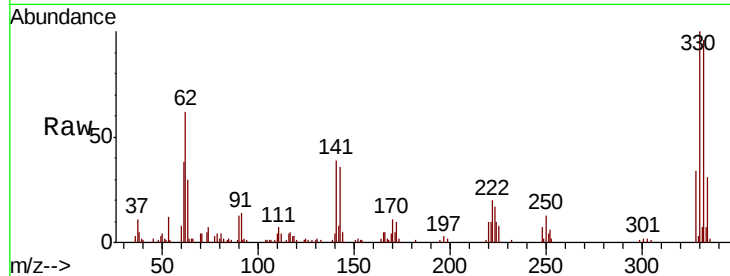




#41
 2,4,6-Tribromophenol
 Concen: 65.581 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109782.D
 Acq: 11 Oct 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	330	Resp	111353
Ion Ratio	100		
Lower	77.1		
Upper	115.7		
332	96.1		
141	33.2		
	27.0		
	40.4		

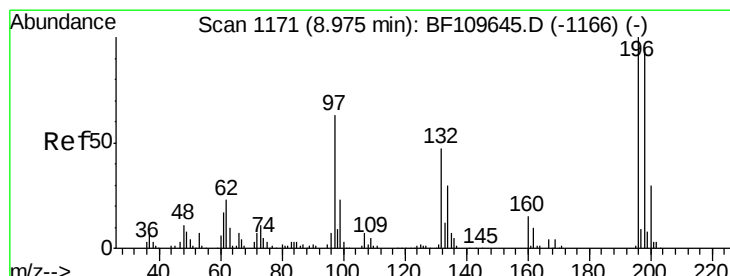
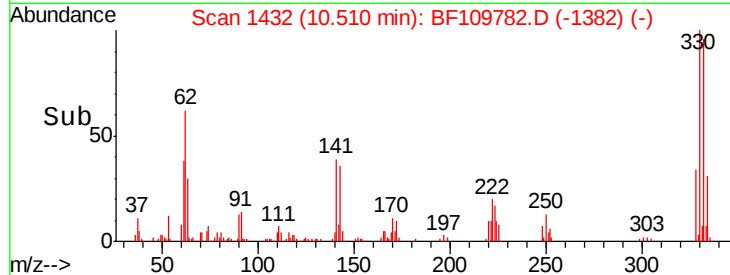
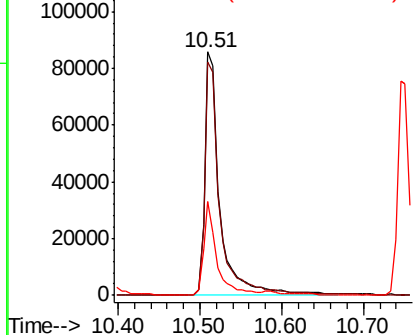


Abundance

Ion 329.80 (329.50 to 330.50): E

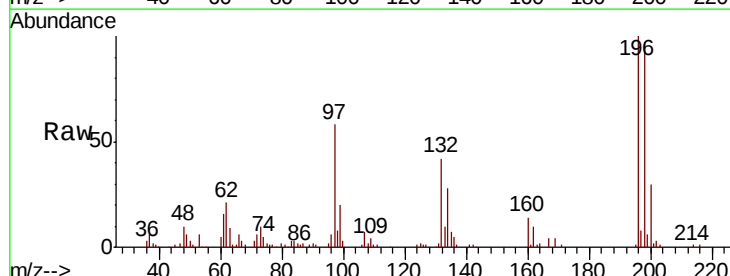
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 32.461 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF109782.D
 Acq: 11 Oct 2018 10:26

Tgt Ion	196	Resp	102934
Ion Ratio	100		
Lower	76.2		
Upper	114.4		
198	97.1		
200	29.8		
	24.4		
	36.6		

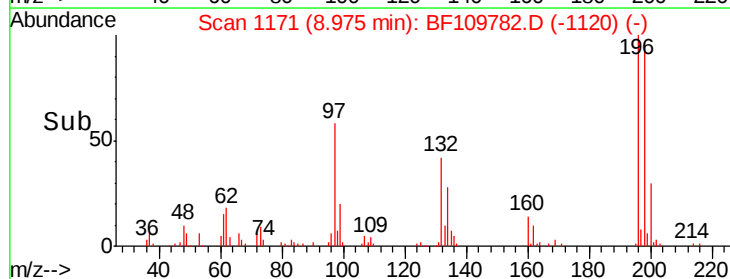
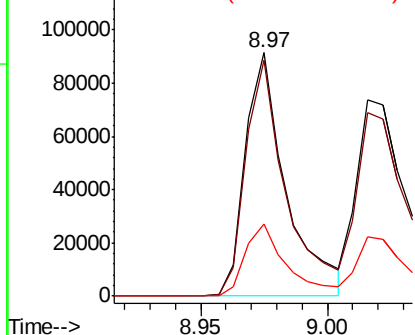


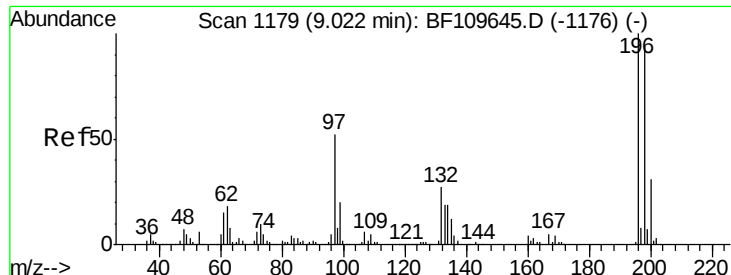
Abundance

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

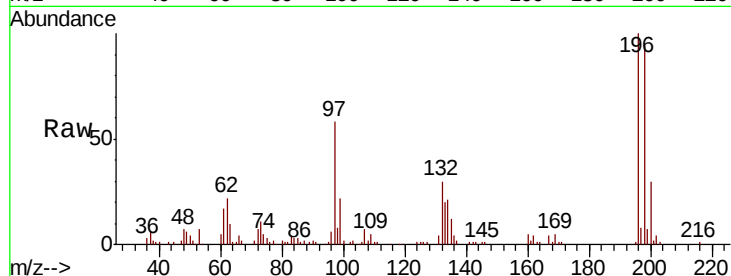




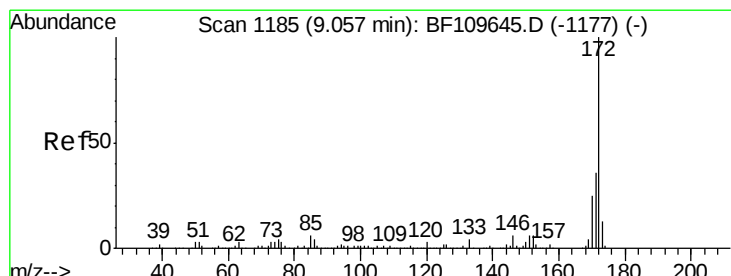
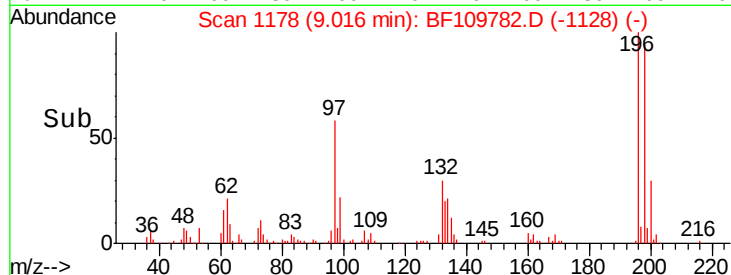
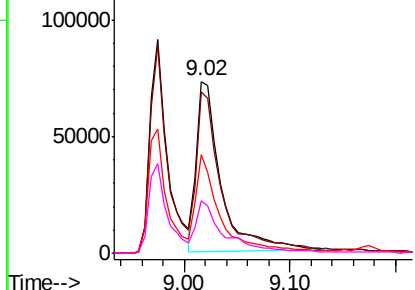
#43
 2,4,5-Trichlorophenol
 Concen: 32.737 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF109782.D
 Acq: 11 Oct 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	119361
Ion	Ratio	Lower	Upper
196	100		
198	93.8	75.8	113.6
97	57.6	42.4	63.6
132	30.3	22.8	34.2

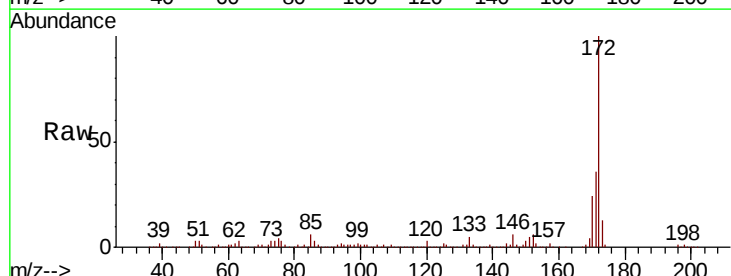


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

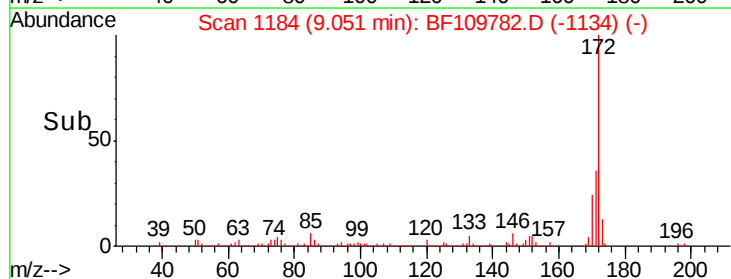
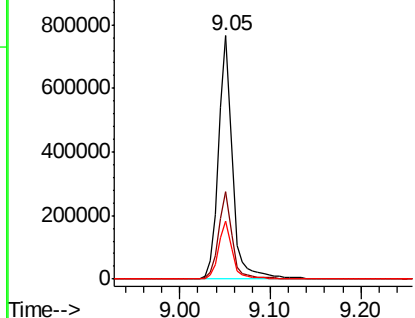


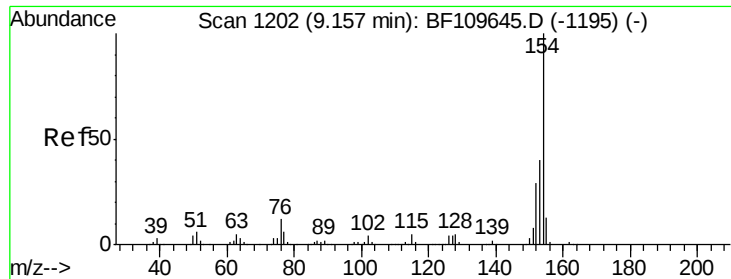
#44
 2-Fluorobiphenyl
 Concen: 71.637 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109782.D
 Acq: 11 Oct 2018 10:26

Tgt Ion:	172	Resp:	810547
Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.0	19.7	29.5



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

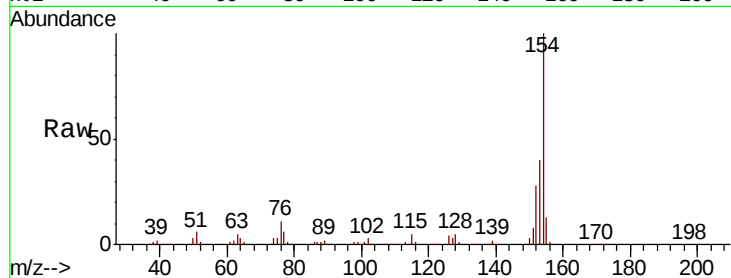




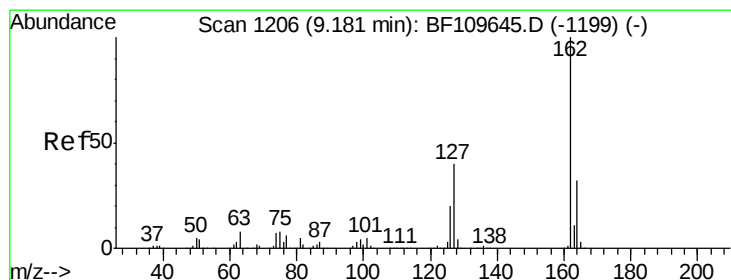
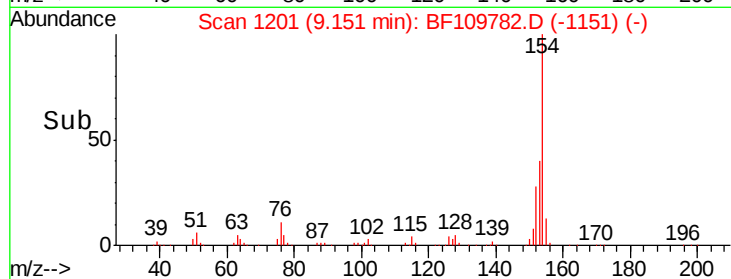
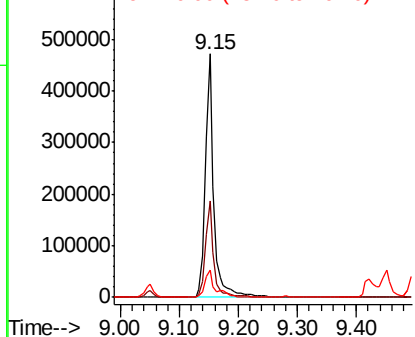
#45
 1,1'-Biphenyl
 Concen: 33.810 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF109782.D
 Acq: 11 Oct 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.4	60.4
76	11.0	0.0	31.9

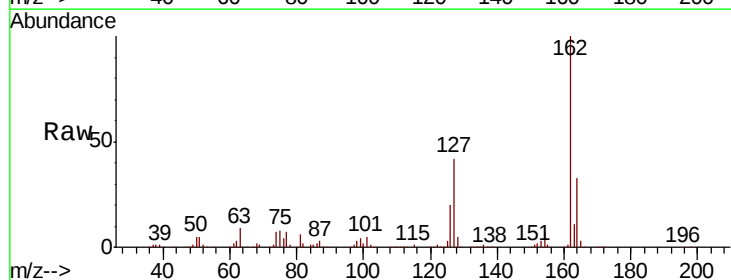


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

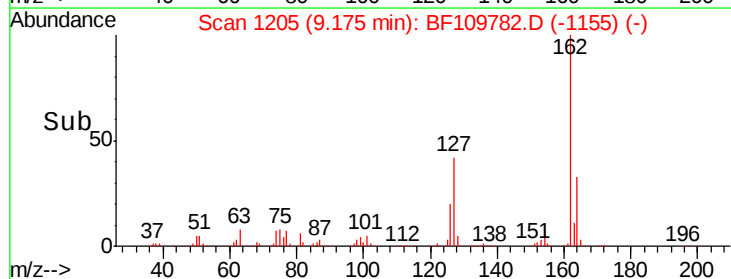
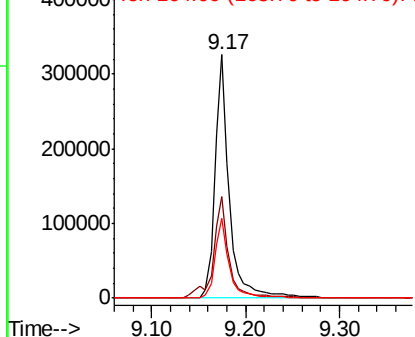


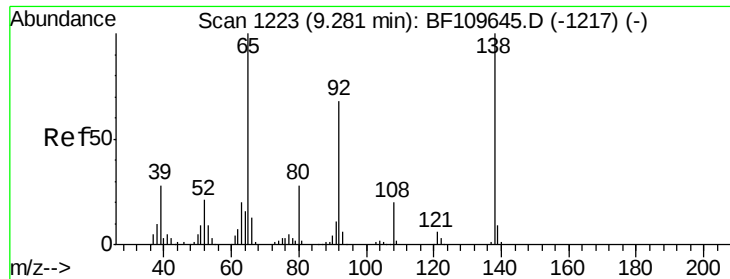
#46
 2-Chloronaphthalene
 Concen: 33.737 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF109782.D
 Acq: 11 Oct 2018 10:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	32.6	48.8
164	32.6	25.9	38.9



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

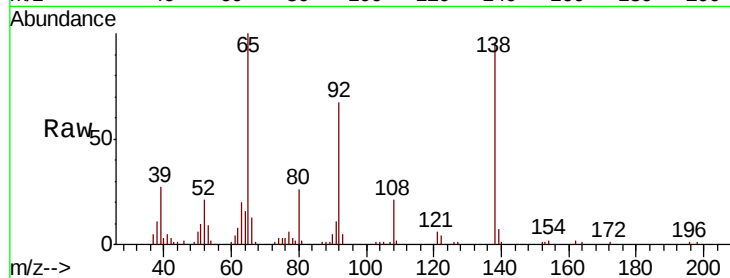




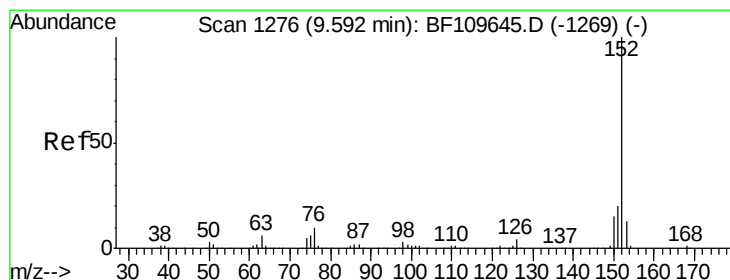
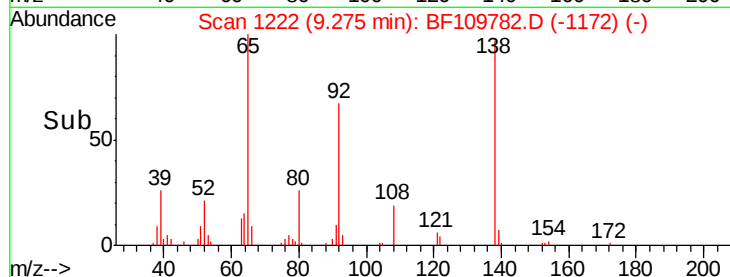
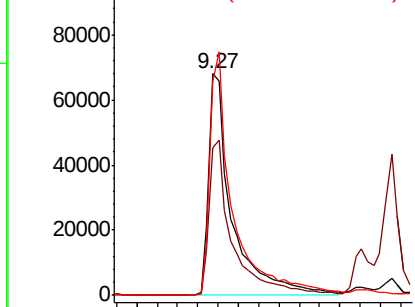
#47
2-Nitroaniline
Concen: 34.659 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 109453
Ion Ratio Lower Upper
65 100
92 66.6 54.6 81.8
138 96.4 80.3 120.5

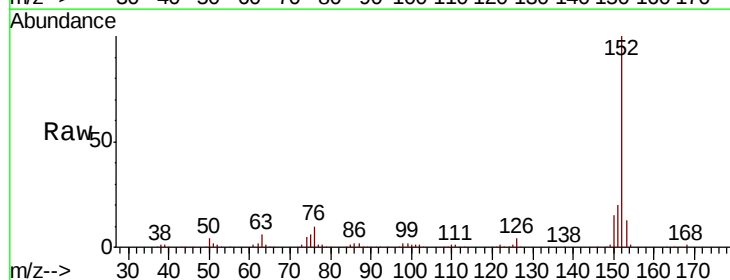


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

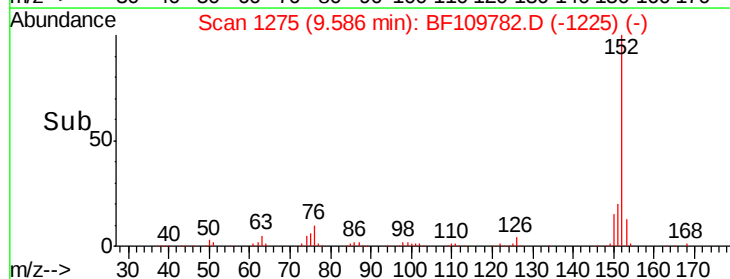
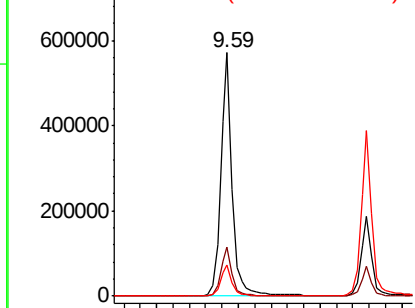


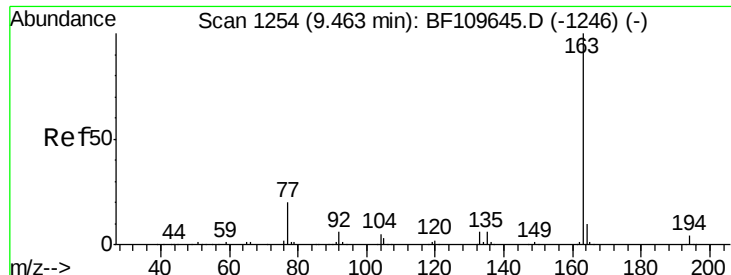
#48
Acenaphthylene
Concen: 36.766 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Tgt Ion: 152 Resp: 559027
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 12.8 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

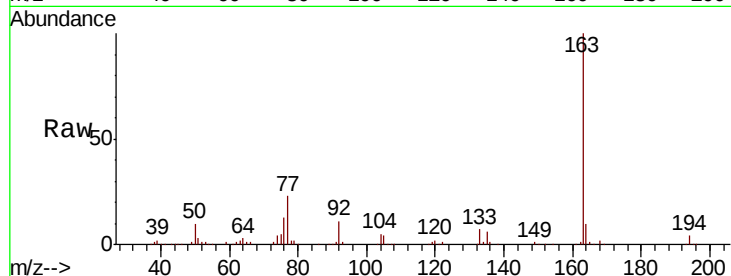




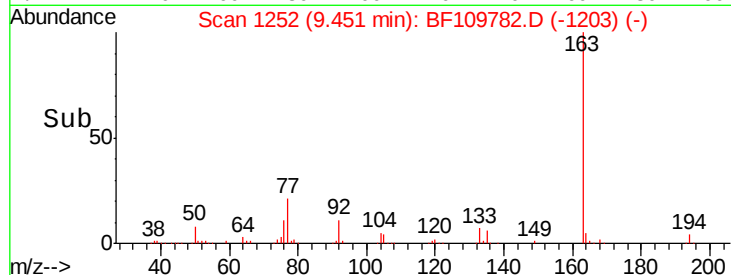
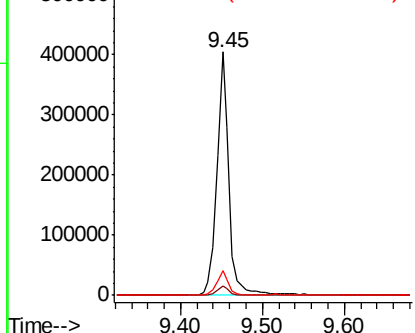
#49
Dimethylphthalate
Concen: 36.587 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 418140
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.0 8.1 12.1

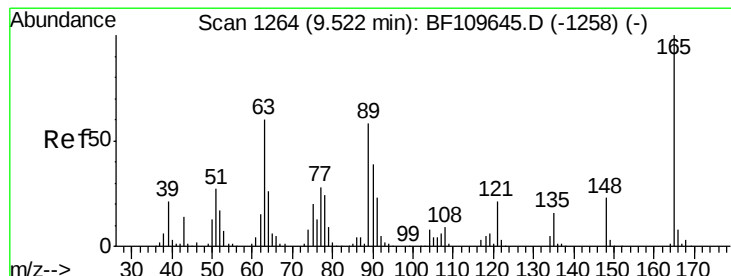


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

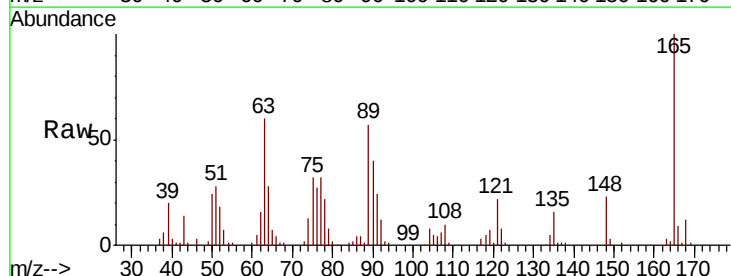
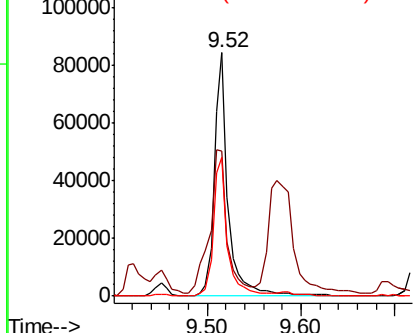


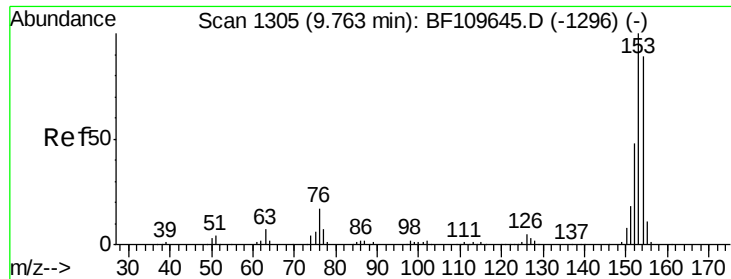
#50
2,6-Dinitrotoluene
Concen: 35.516 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Tgt Ion:165 Resp: 87988
Ion Ratio Lower Upper
165 100
63 59.8 48.9 73.3
89 56.7 46.6 69.8



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: 34.336 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF109782.D

Acq: 11 Oct 2018 10:26

Instrument :

BNA_F

ClientSampleId :

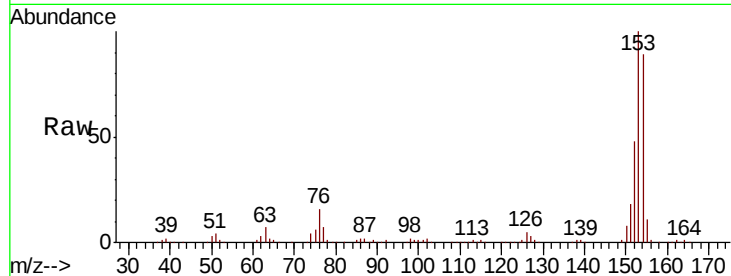
Tot Ion:154 Resp: 309493

Ion Ratio Lower Upper

154 100

153 111.7 90.1 135.1

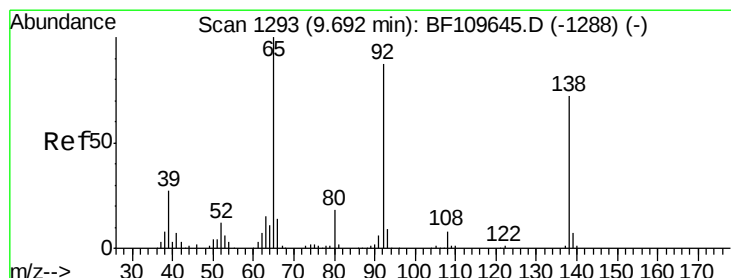
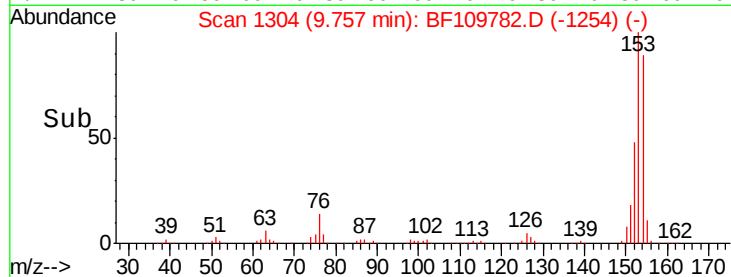
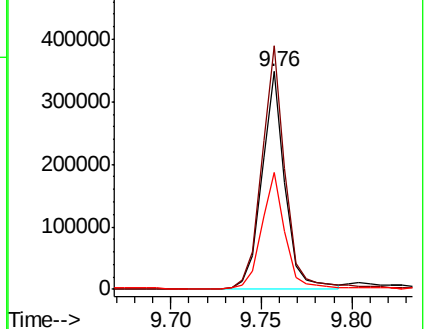
152 53.9 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.798 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF109782.D

Acq: 11 Oct 2018 10:26

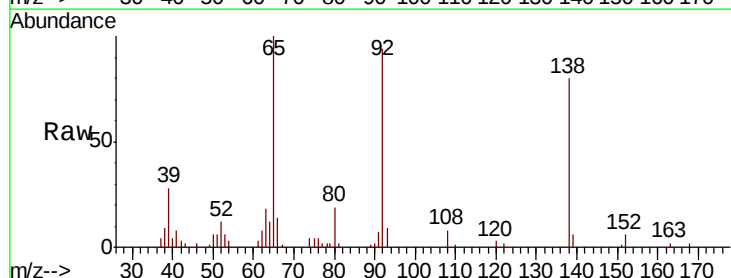
Tgt Ion:138 Resp: 46648

Ion Ratio Lower Upper

138 100

108 10.2 8.7 13.1

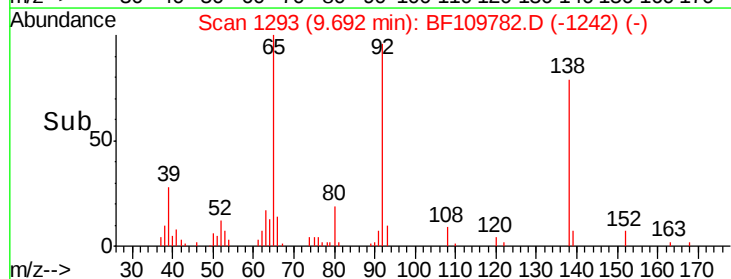
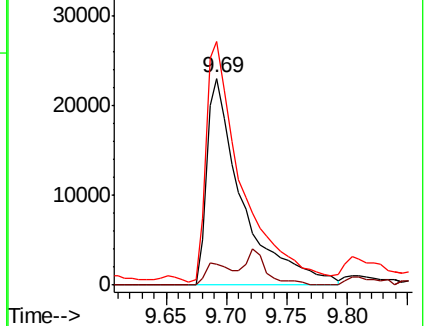
92 117.7 97.0 145.4

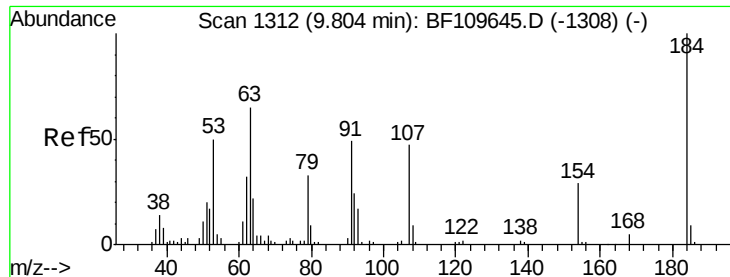


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

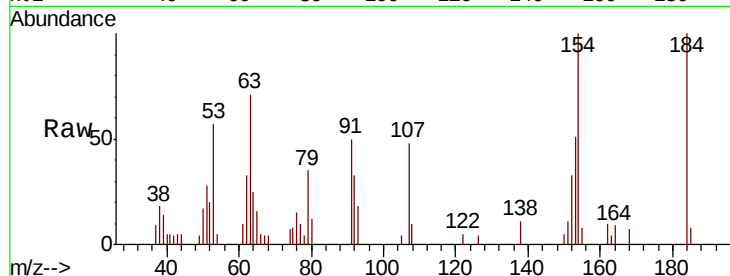




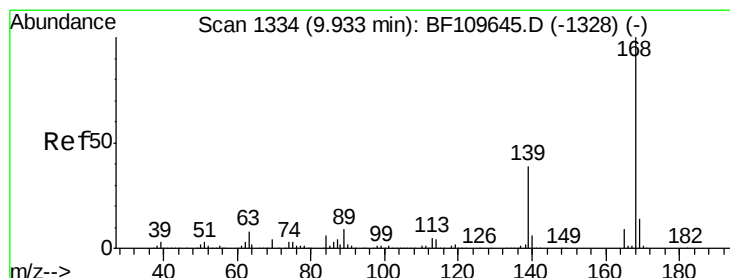
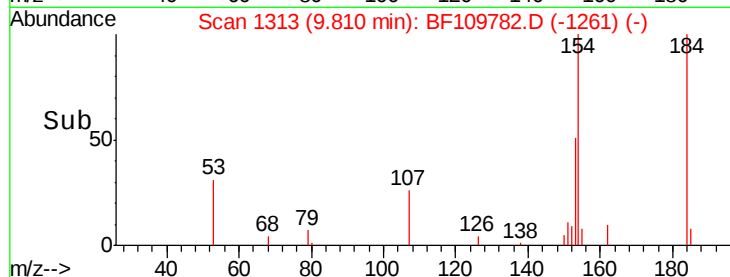
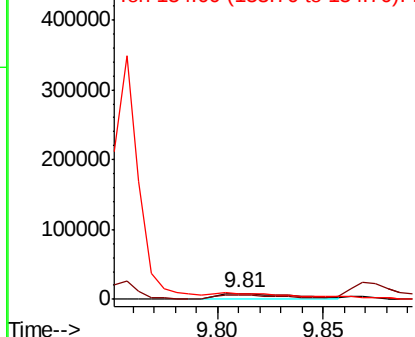
#53
 2,4-Dinitrophenol
 Concen: 27.165 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF109782.D
 Acq: 11 Oct 2018 10:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 21713
 Ion Ratio Lower Upper
 184 100
 63 71.4 55.8 83.6
 154 100.1 63.2 94.8#

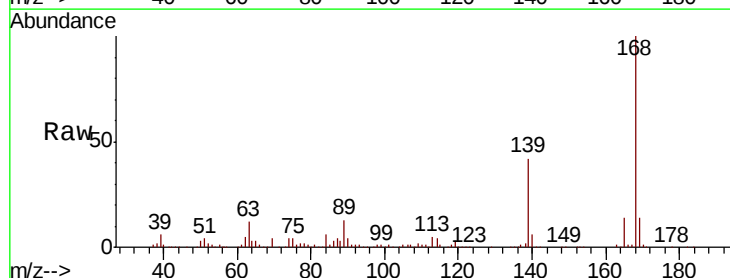


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

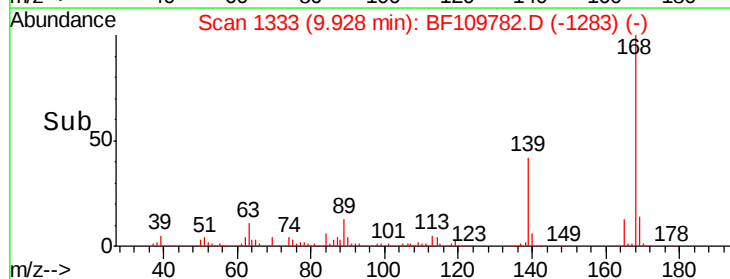
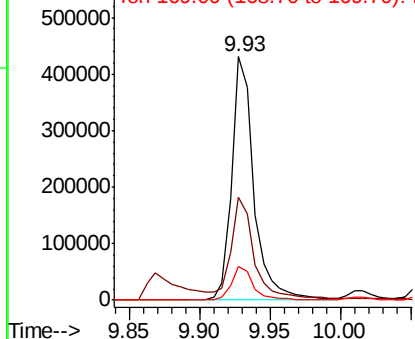


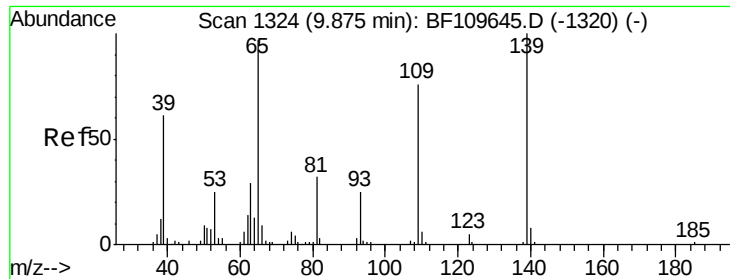
#54
 Dibenzofuran
 Concen: 35.033 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF109782.D
 Acq: 11 Oct 2018 10:26

Tgt Ion:168 Resp: 473330
 Ion Ratio Lower Upper
 168 100
 139 42.3 33.0 49.6
 169 14.0 11.3 16.9



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

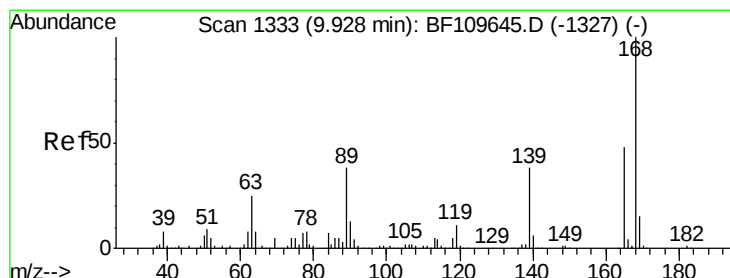
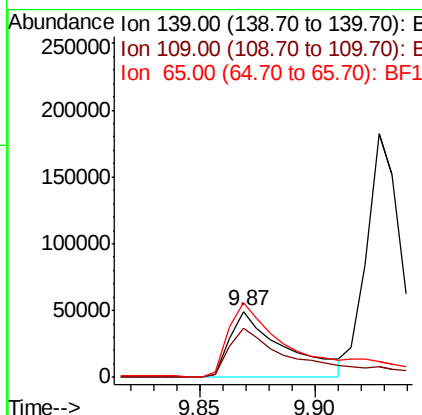
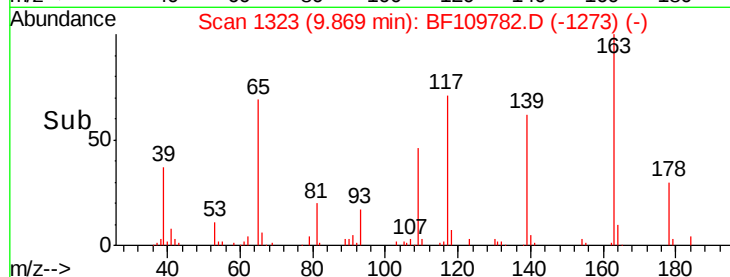
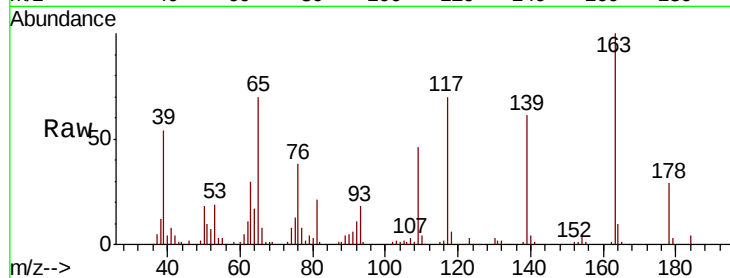




#55
4-Nitrophenol
Concen: 53.548 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

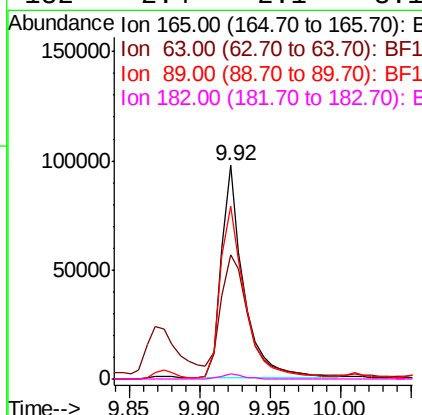
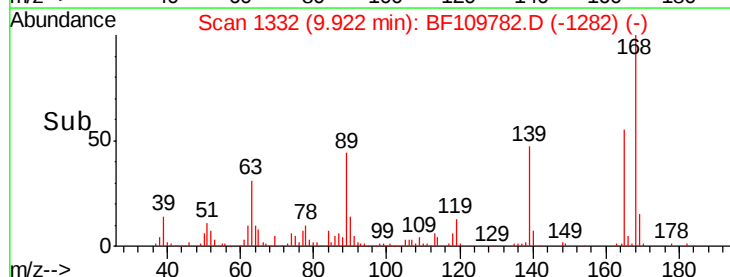
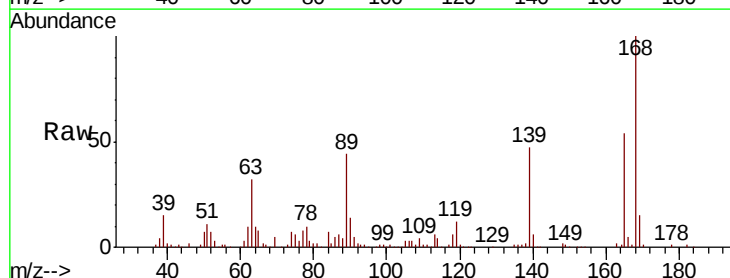
Instrument :
BNA_F
ClientSampled :

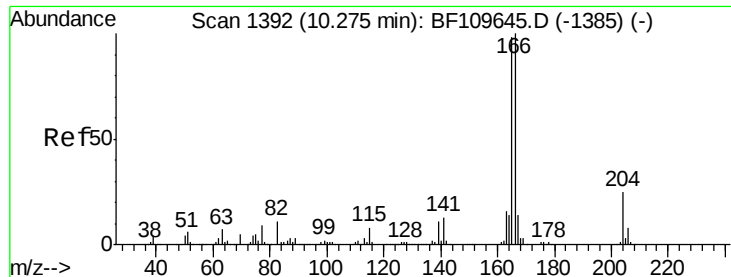
Tot Ion:139 Resp: 81397
Ion Ratio Lower Upper
139 100
109 75.1 55.8 95.8
65 113.8 77.9 117.9



#56
2,4-Dinitrotoluene
Concen: 35.145 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Tgt Ion:165 Resp: 108657
Ion Ratio Lower Upper
165 100
63 58.4 44.8 67.2
89 80.7 62.2 93.4
182 2.4 2.1 3.1

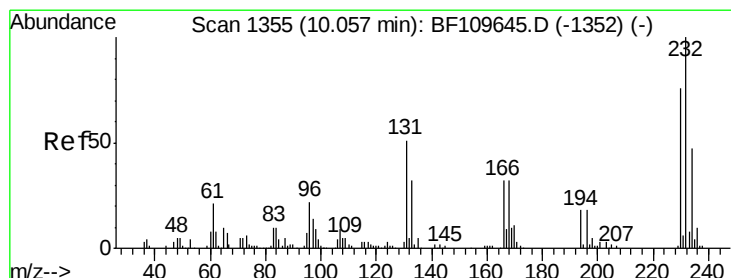
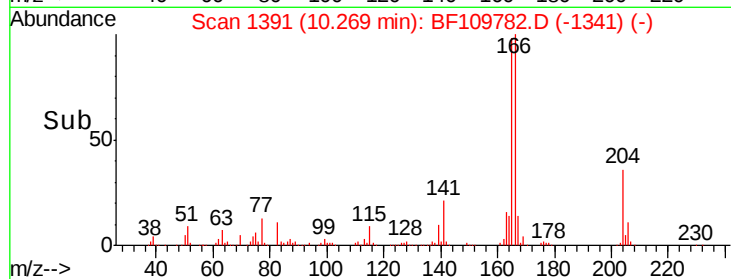
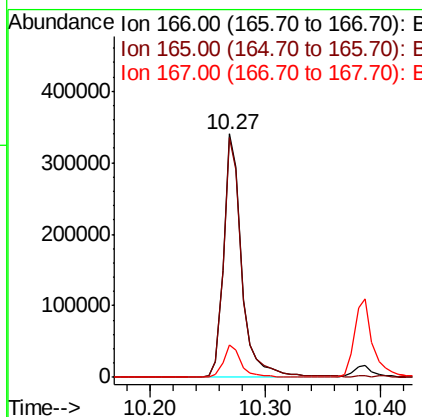
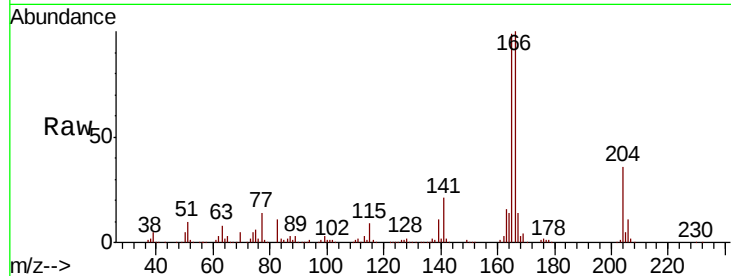




#57
 Fluorene
 Concen: 36.977 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF109782.D
 Acq: 11 Oct 2018 10:26

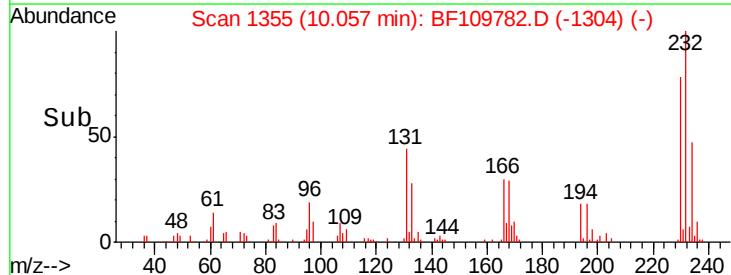
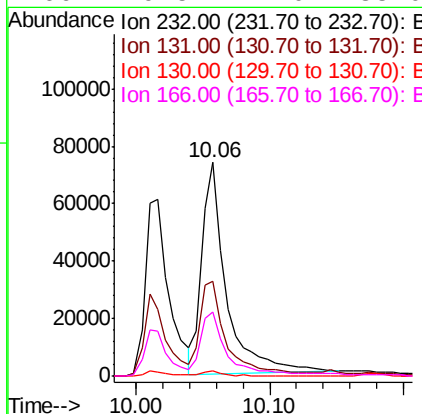
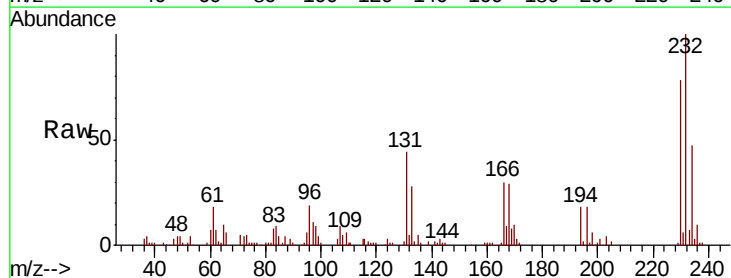
Instrument :
 BNA_F
 ClientSampleId :

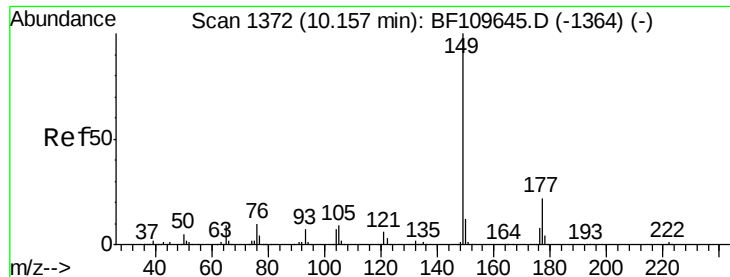
Tot Ion:166 Resp: 373090
 Ion Ratio Lower Upper
 166 100
 165 98.5 78.6 117.8
 167 13.5 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.544 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF109782.D
 Acq: 11 Oct 2018 10:26

Tgt Ion:232 Resp: 93491
 Ion Ratio Lower Upper
 232 100
 131 44.5 37.0 55.4
 130 2.3 1.8 2.6
 166 29.5 22.0 33.0

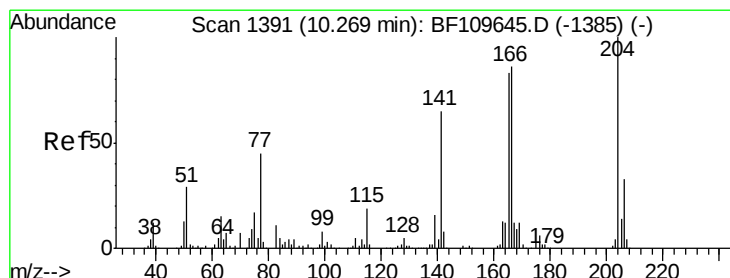
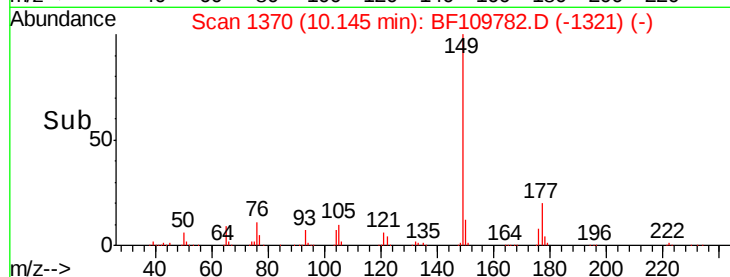
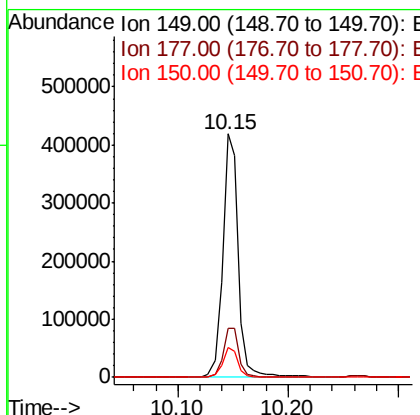
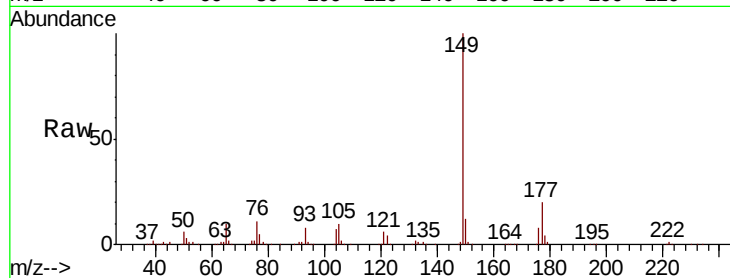




#59
Diethylphthalate
Concen: 36.398 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

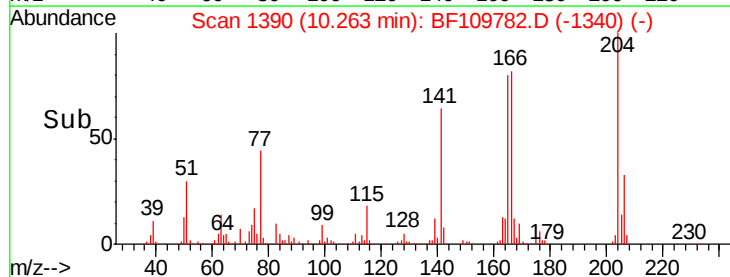
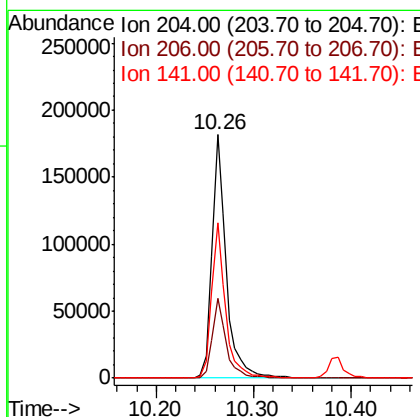
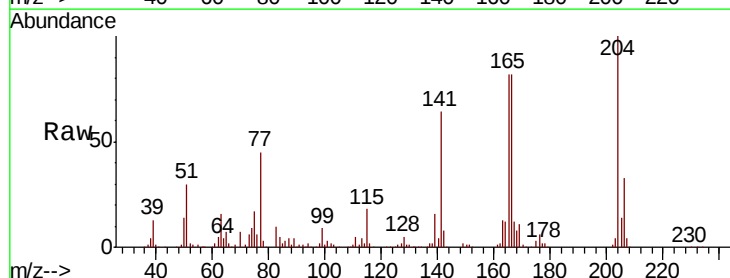
Instrument :
BNA_F
ClientSampled :

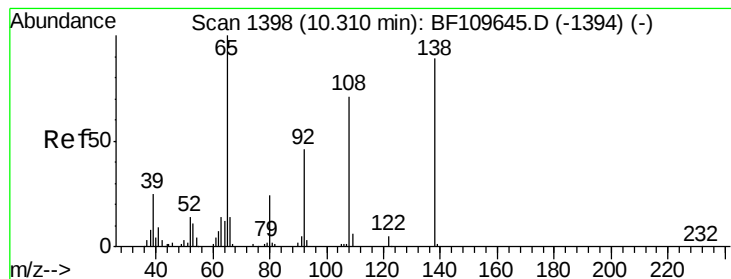
Tot Ion:149 Resp: 412166
Ion Ratio Lower Upper
149 100
177 20.2 17.4 26.2
150 12.4 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 34.463 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Tgt Ion:204 Resp: 183449
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 63.9 51.8 77.8





#61

4-Nitroaniline

Concen: 29.792 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF109782.D

Acq: 11 Oct 2018 10:26

Instrument :

BNA_F

ClientSampled :

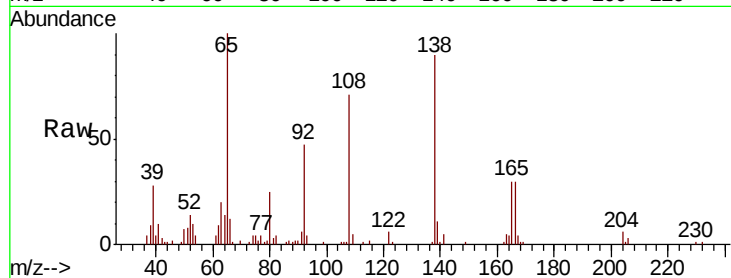
Tot Ion:138 Resp: 76620

Ion Ratio Lower Upper

138 100

92 52.0 31.7 71.7

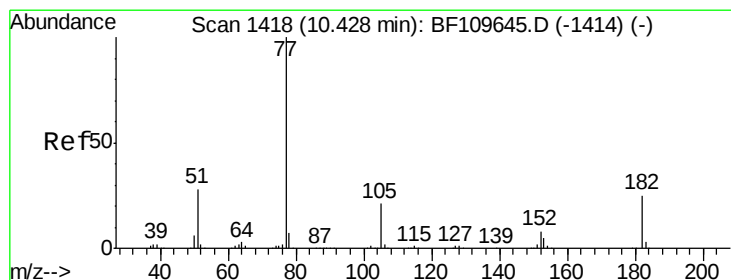
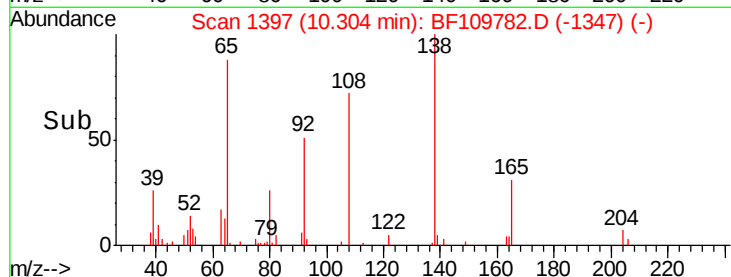
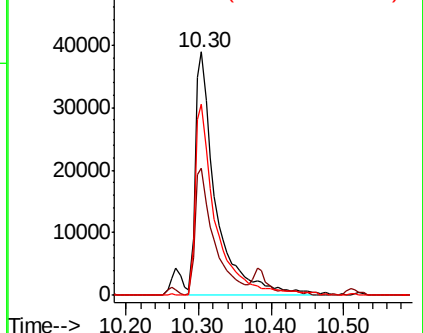
108 78.7 59.3 99.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.316 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF109782.D

Acq: 11 Oct 2018 10:26

Tgt Ion: 77 Resp: 406104

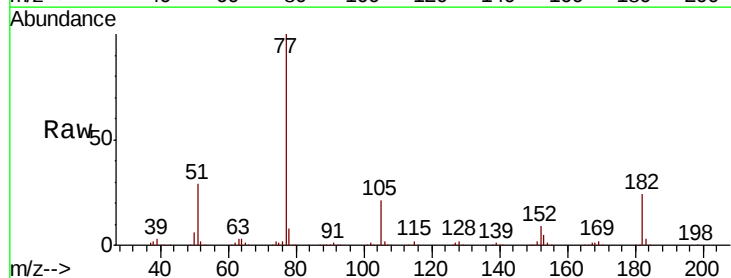
Ion Ratio Lower Upper

77 100

182 23.5 4.3 44.3

105 20.9 1.3 41.3

51 29.3 9.0 49.0

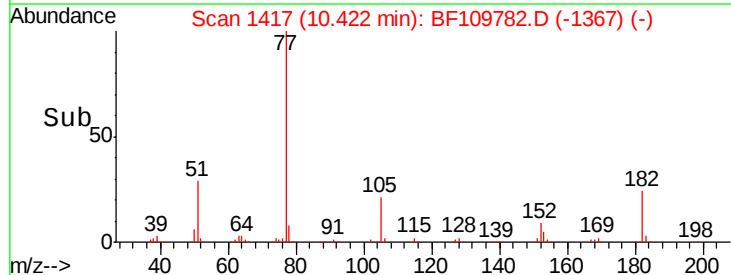
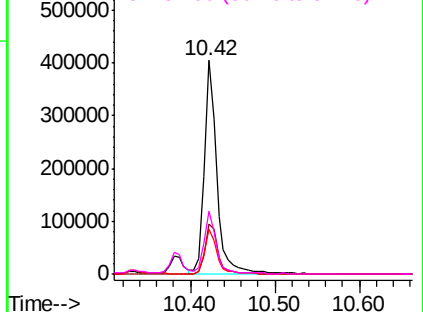


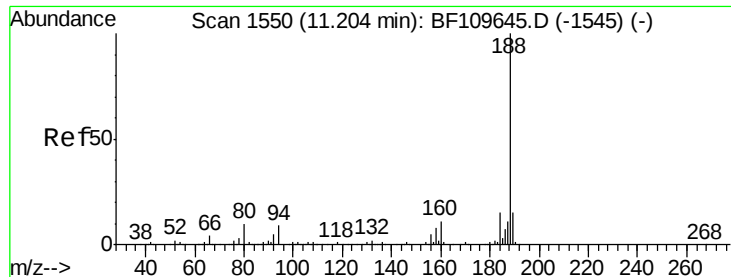
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

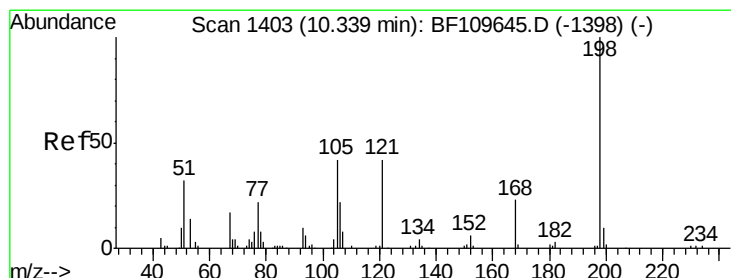
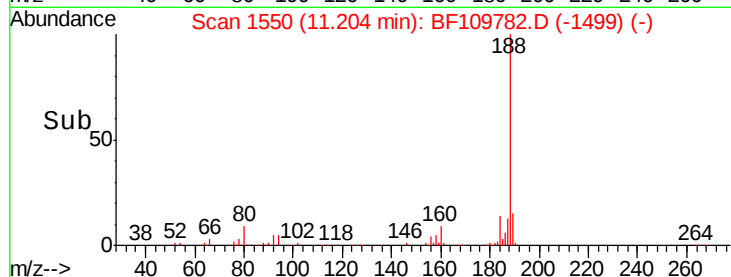
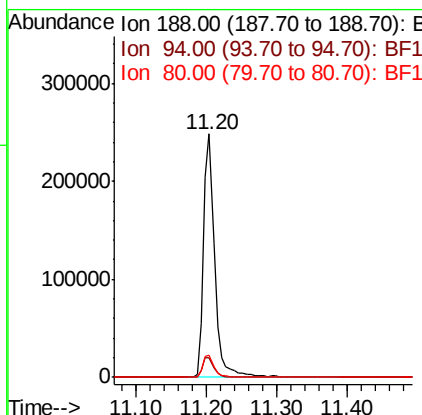
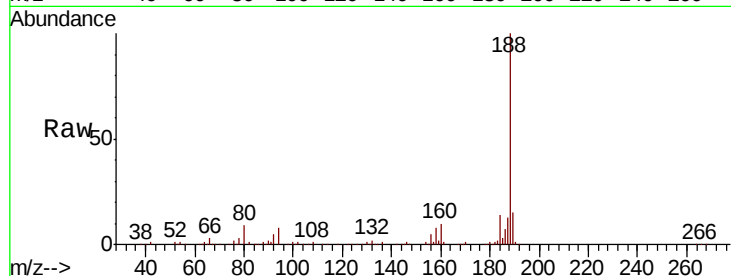




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

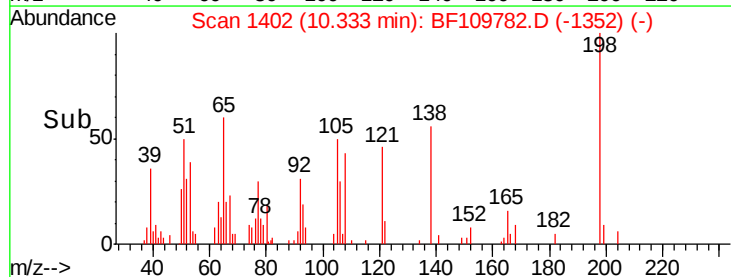
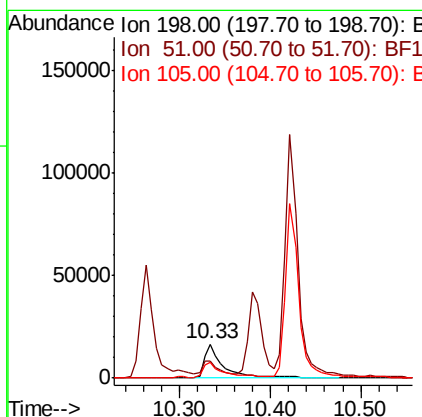
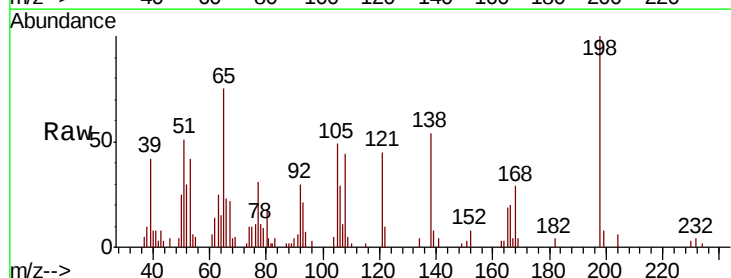
Instrument :
BNA_F
ClientSampleId :

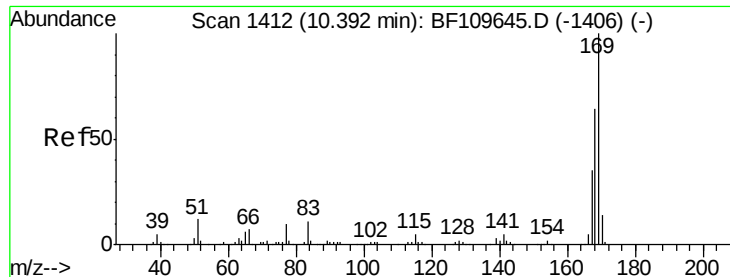
Tot Ion:188 Resp: 274090
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 9.0 7.9 11.9



#64
4,6-Dinitro-2-methylphenol
Concen: 18.627 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Tgt Ion:198 Resp: 24849
Ion Ratio Lower Upper
198 100
51 51.0 22.8 62.8
105 48.5 23.6 63.6





#65

n-Nitrosodiphenylamine

Concen: 37.051 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF109782.D

Acq: 11 Oct 2018 10:26

Instrument :

BNA_F

ClientSampleId :

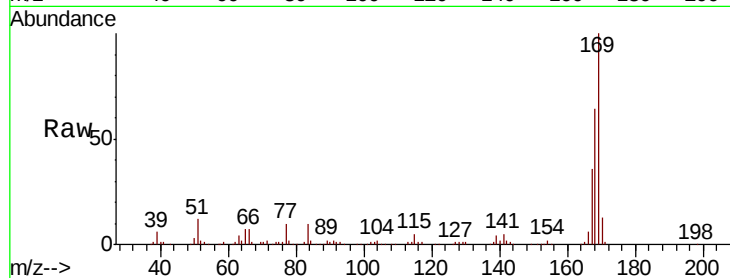
Tot Ion:169 Resp: 344264

Ion Ratio Lower Upper

169 100

168 64.2 51.2 76.8

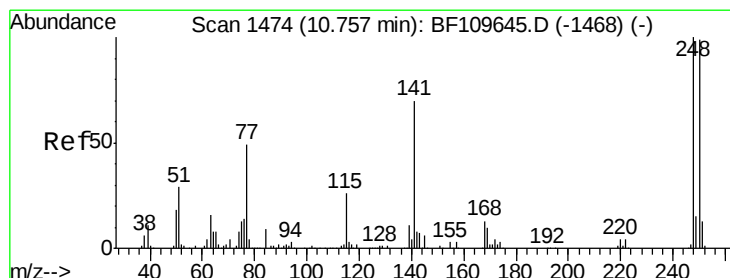
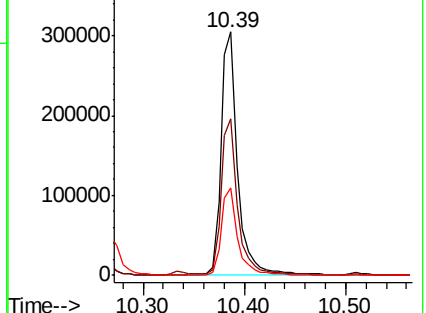
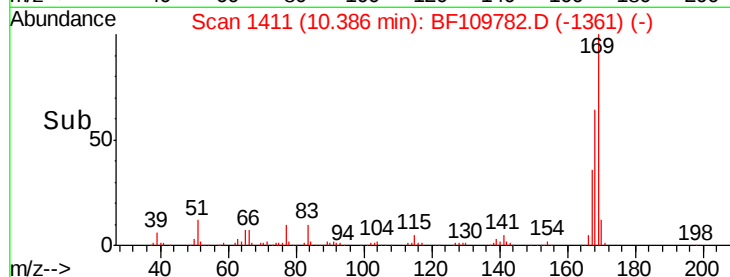
167 35.8 27.8 41.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.930 ng

RT: 10.75 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BF109782.D

Acq: 11 Oct 2018 10:26

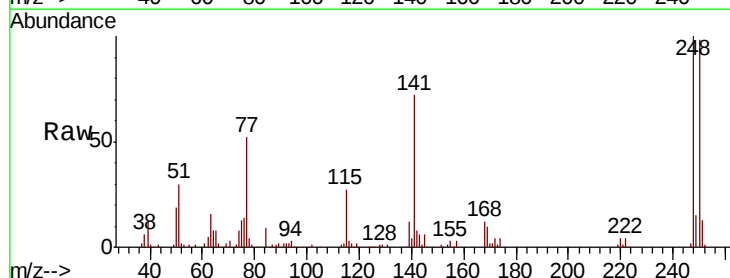
Tgt Ion:248 Resp: 113156

Ion Ratio Lower Upper

248 100

250 98.2 79.4 119.2

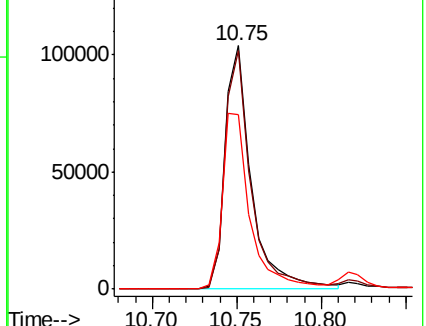
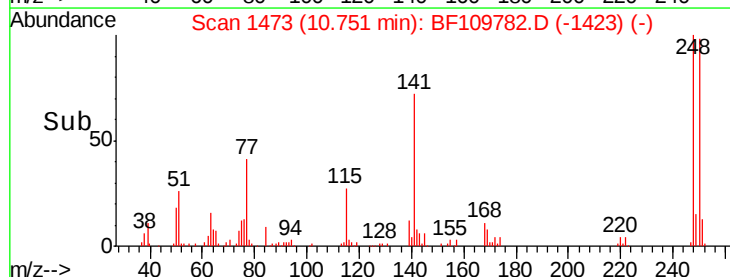
141 71.6 55.9 83.9

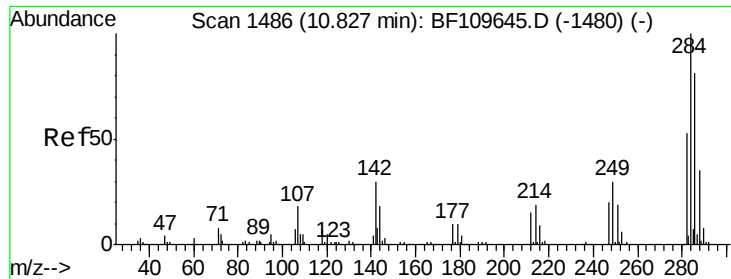


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

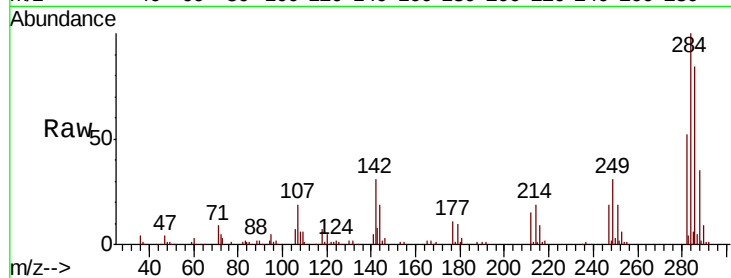




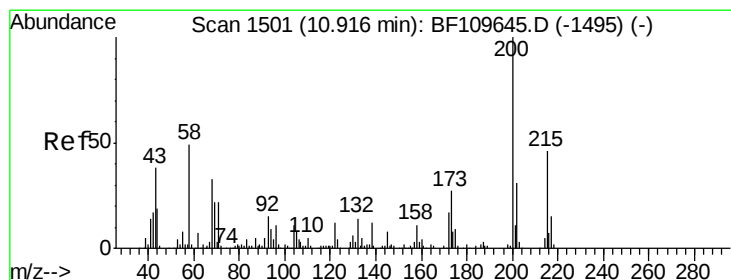
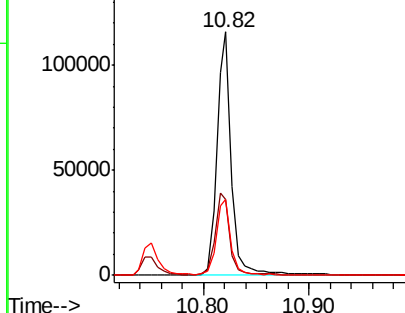
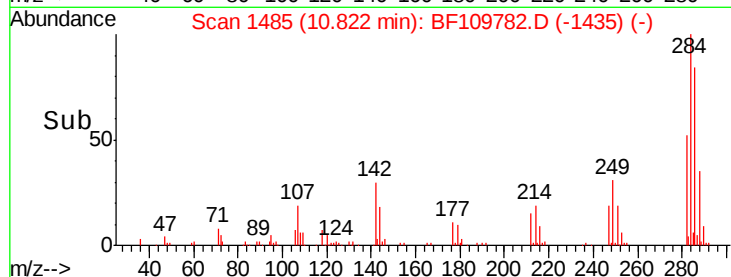
#67
Hexachlorobenzene
Concen: 33.205 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	31.2	23.9	35.9
249	31.0	24.2	36.2

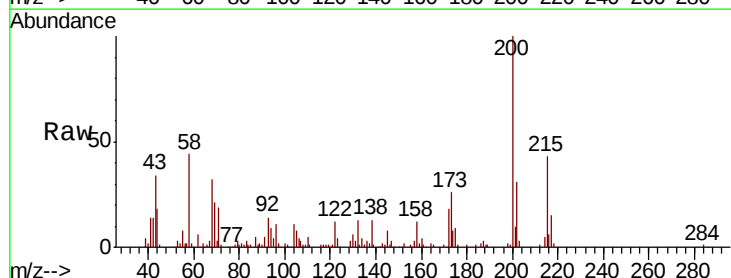


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

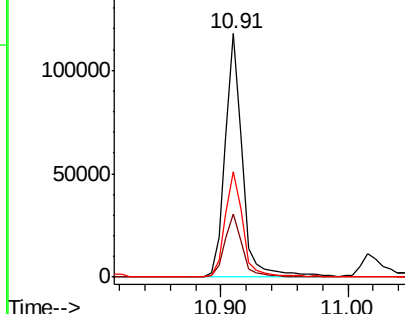
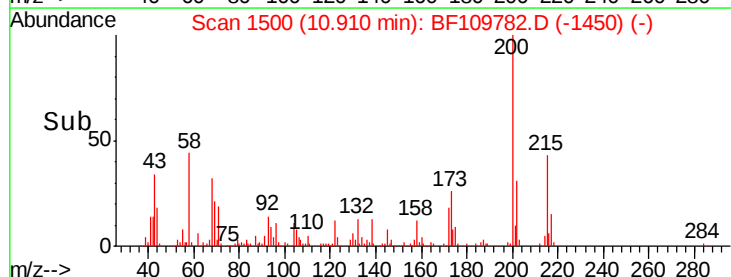


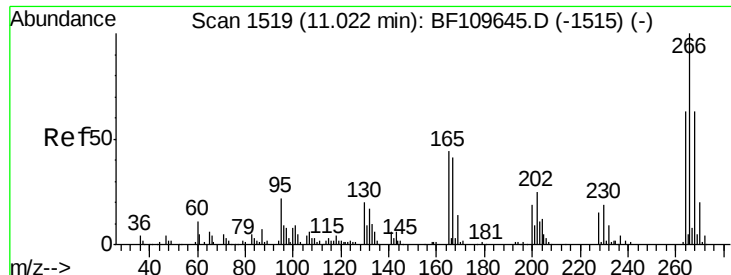
#68
Atrazine
Concen: 38.352 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.6	46.6
215	43.3	26.3	66.3



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

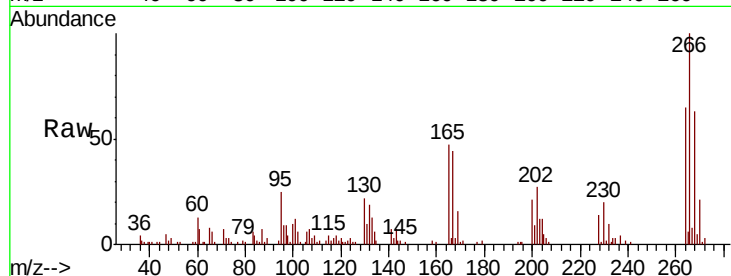




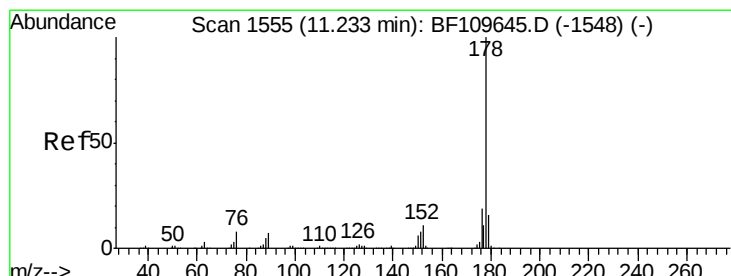
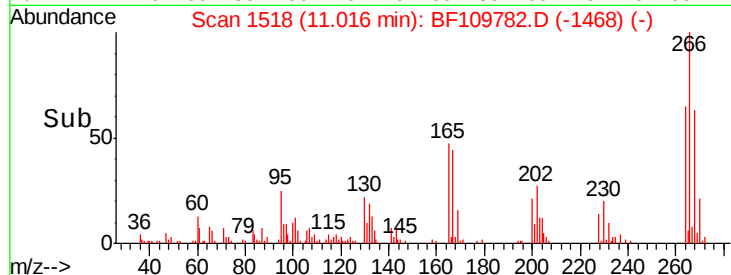
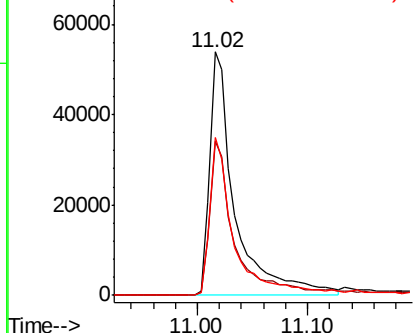
#69
 Pentachlorophenol
 Concen: 44.083 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF109782.D
 Acq: 11 Oct 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 84594
 Ion Ratio Lower Upper
 266 100
 268 63.4 50.6 75.8
 264 64.9 50.6 75.8

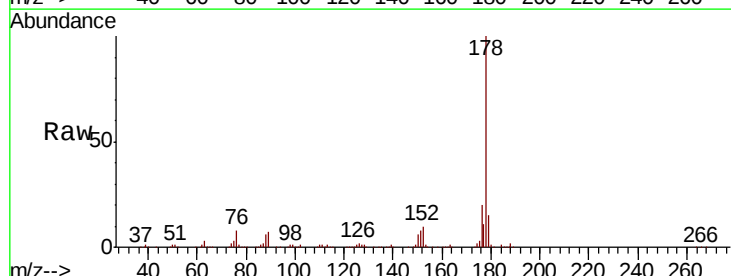


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

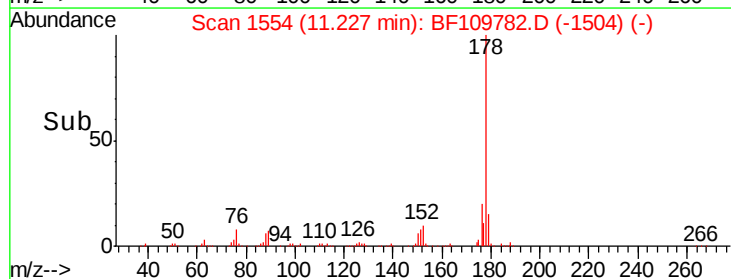
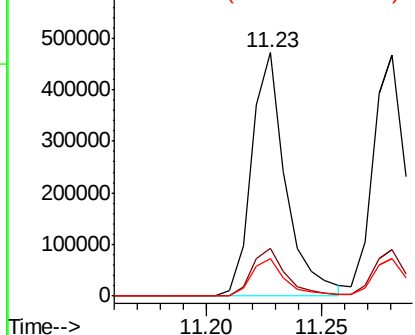


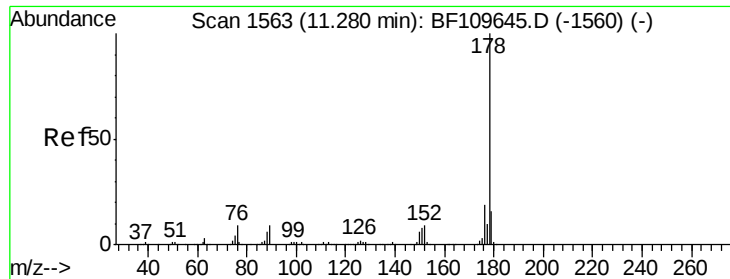
#70
 Phenanthrene
 Concen: 35.585 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109782.D
 Acq: 11 Oct 2018 10:26

Tgt Ion:178 Resp: 488108
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.5 23.3
 179 15.5 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

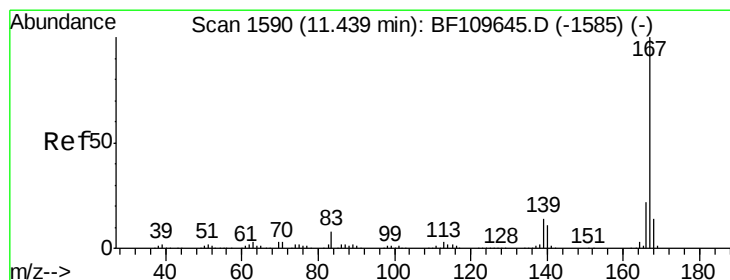
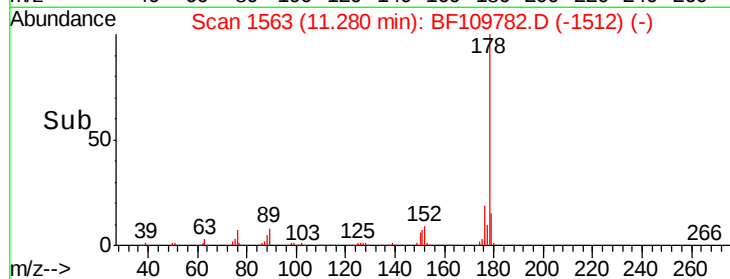
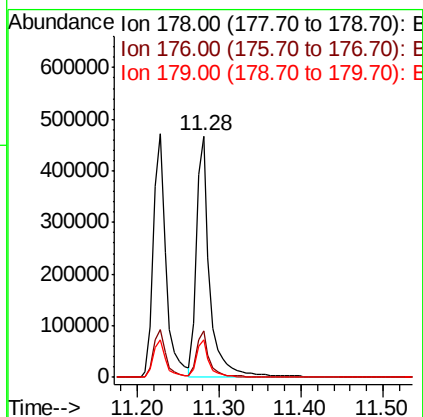
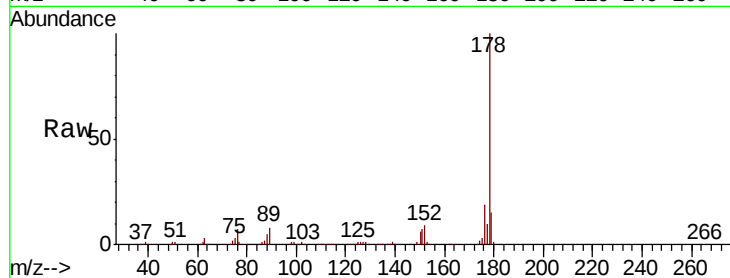




#71
 Anthracene
 Concen: 37.241 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BF109782.D
 Acq: 11 Oct 2018 10:26

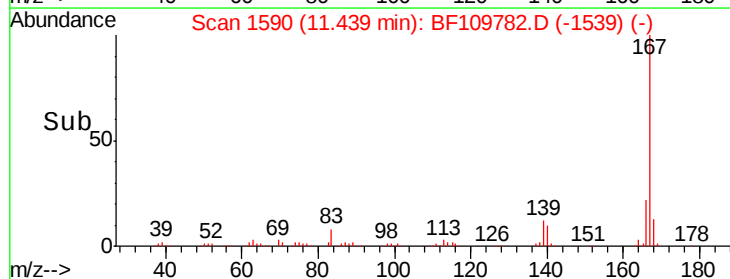
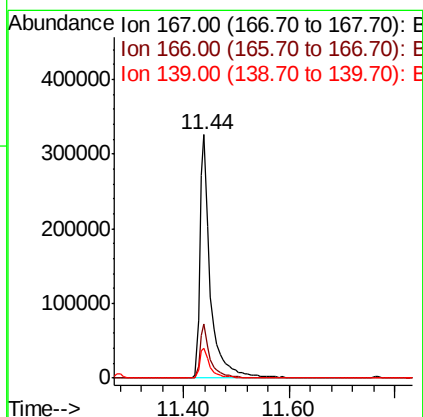
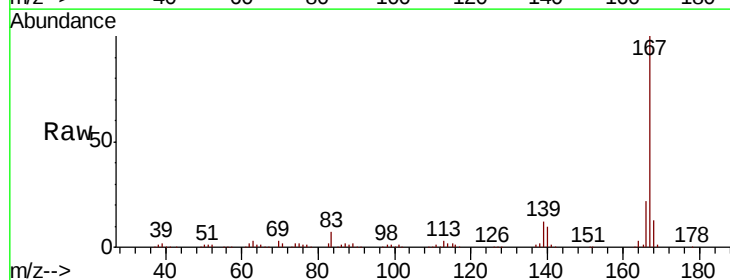
Instrument :
 BNA_F
 ClientSampleId :

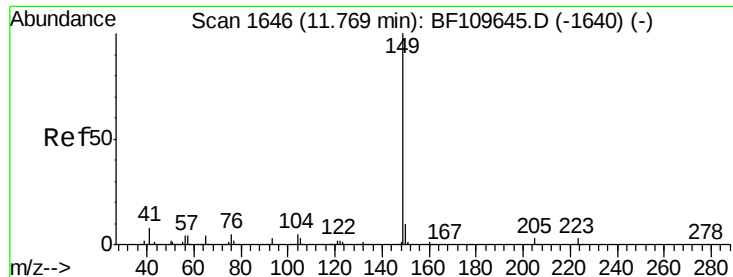
Tot Ion:178 Resp: 528050
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.4 12.6 18.8



#72
 Carbazole
 Concen: 32.847 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BF109782.D
 Acq: 11 Oct 2018 10:26

Tgt Ion:167 Resp: 451710
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 12.5 10.9 16.3

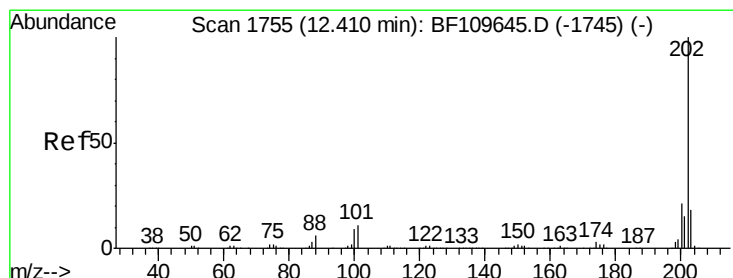
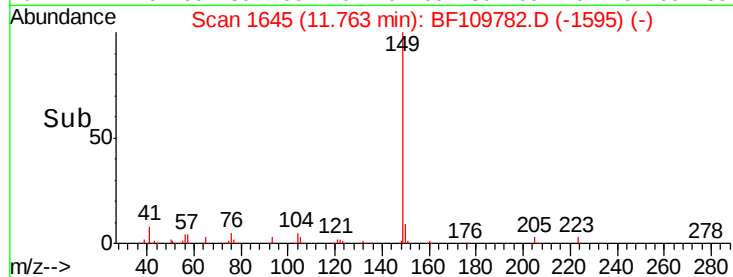
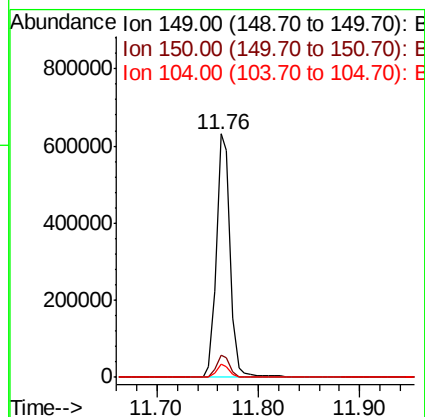
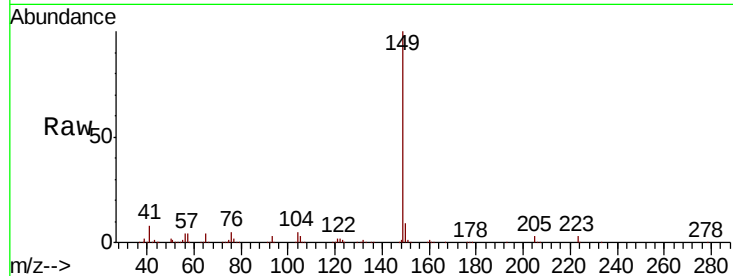




#73
Di-n-butylphthalate
Concen: 37.821 ng
RT: 11.76 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

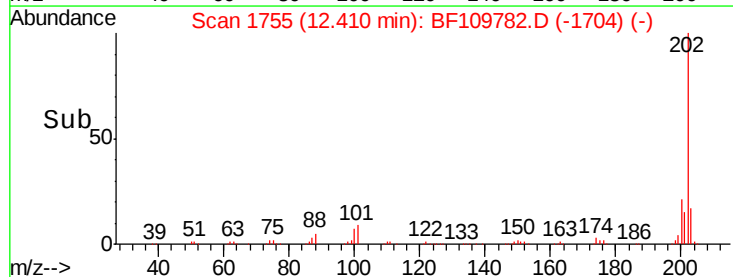
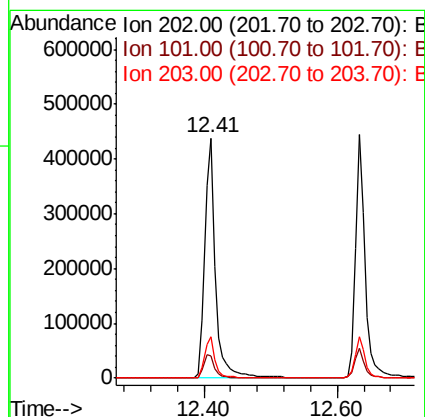
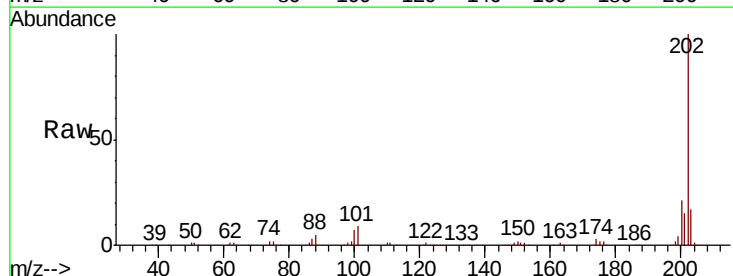
Instrument :
BNA_F
ClientSampleId :

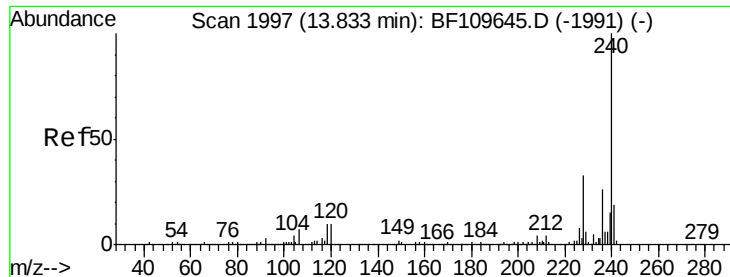
Tot Ion:149 Resp: 603248
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 5.2 4.2 6.4



#74
Fluoranthene
Concen: 33.043 ng
RT: 12.41 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Tgt Ion:202 Resp: 473488
Ion Ratio Lower Upper
202 100
101 9.3 0.0 31.4
203 17.2 0.0 37.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109782.D

Acq: 11 Oct 2018 10:26

Instrument :

BNA_F

ClientSampleId :

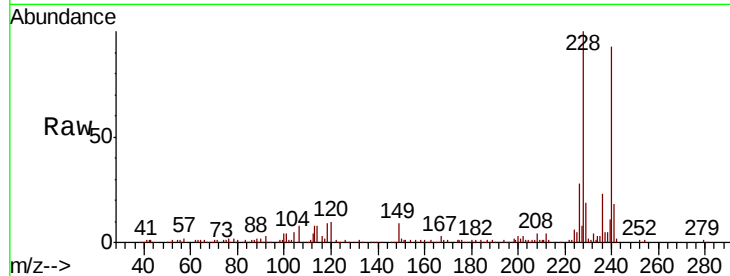
Tot Ion:240 Resp: 187386

Ion Ratio Lower Upper

240 100

120 11.2 8.3 12.5

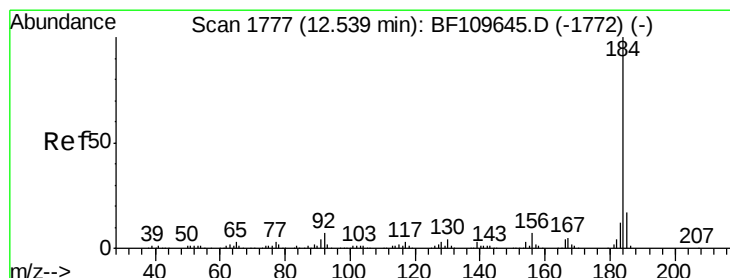
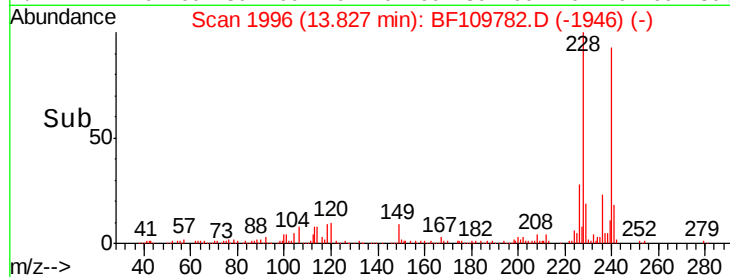
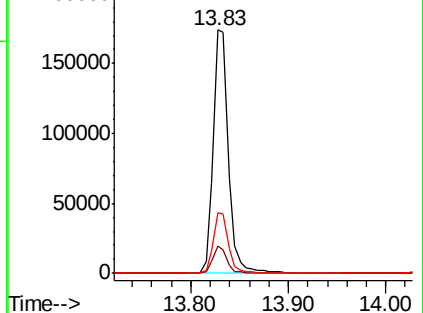
236 25.0 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.635 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF109782.D

Acq: 11 Oct 2018 10:26

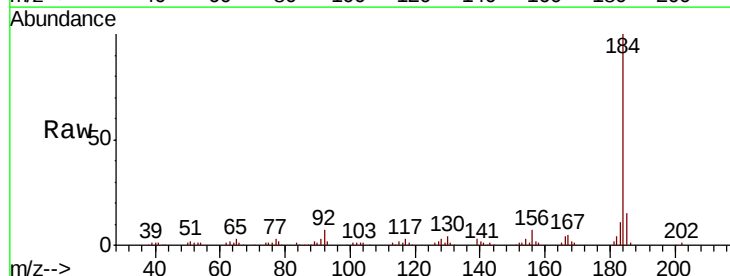
Tgt Ion:184 Resp: 185402

Ion Ratio Lower Upper

184 100

185 14.6 13.4 20.2

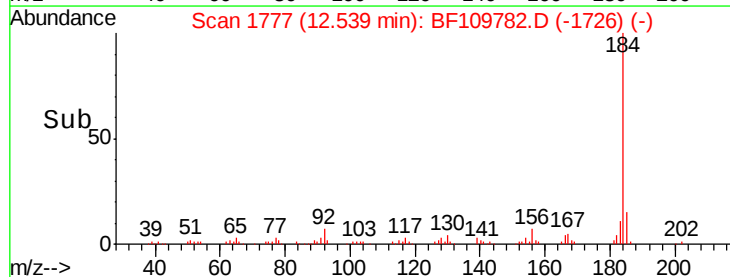
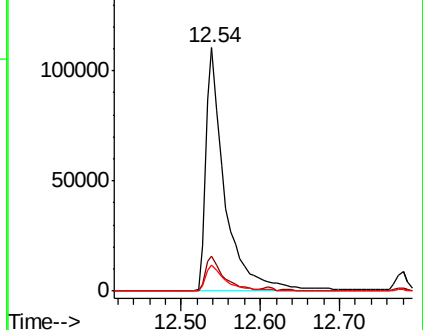
183 10.8 9.4 14.2

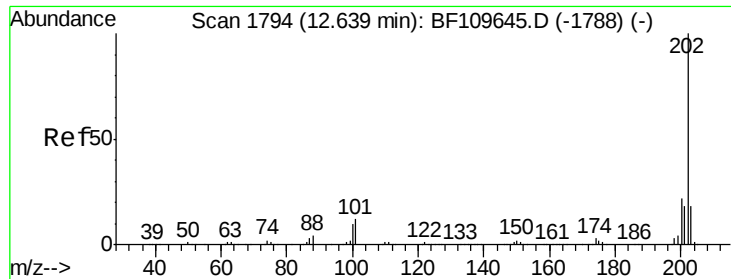


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

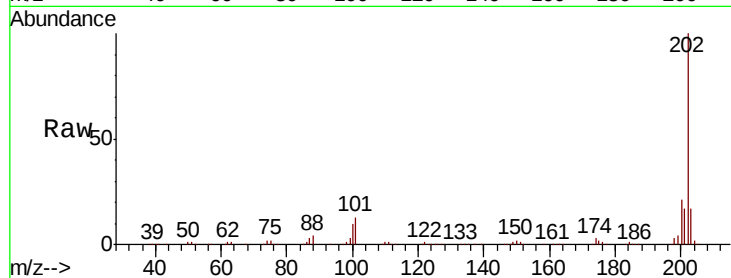




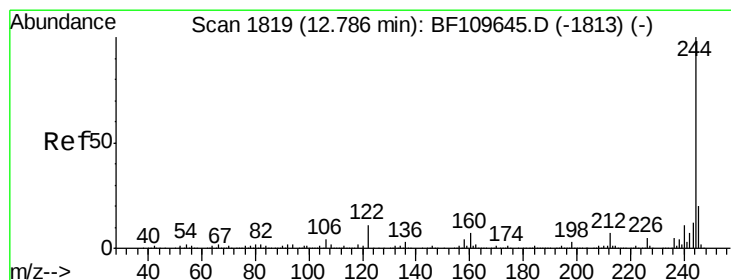
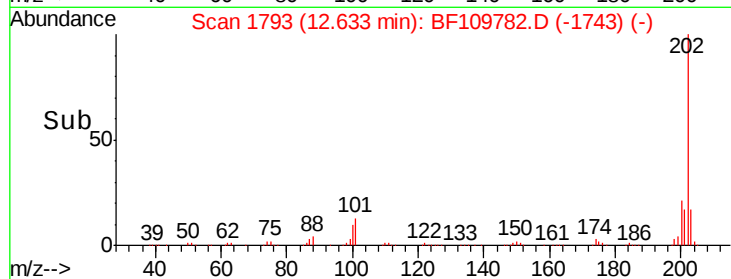
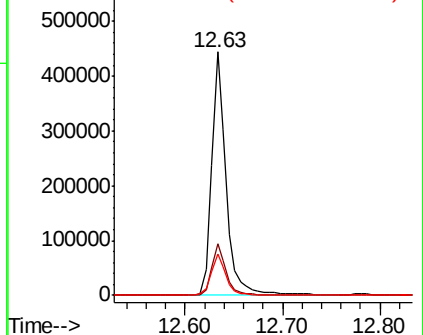
#77
Pvrene
Concen: 32.863 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.8	26.6
203	17.1	14.2	21.4

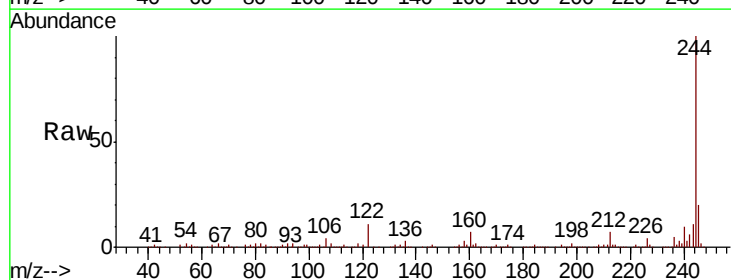


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

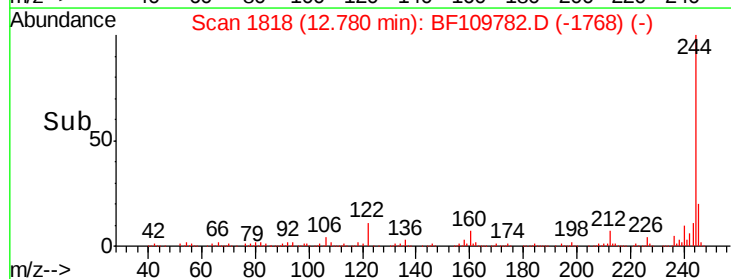
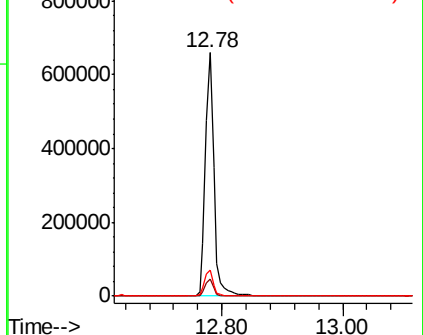


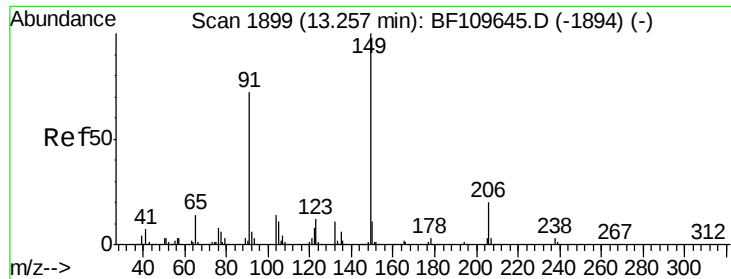
#78
Terphenyl-d14
Concen: 67.762 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.6	8.7	13.1



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

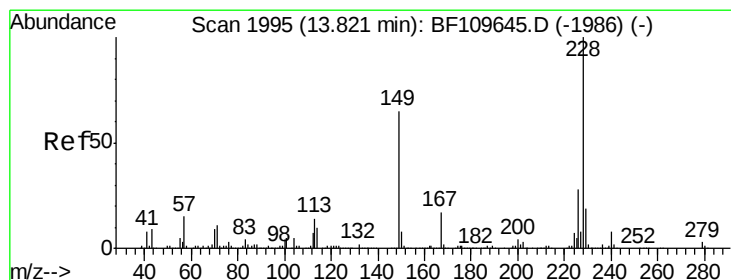
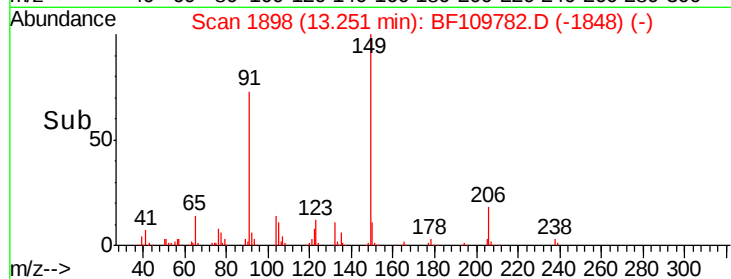
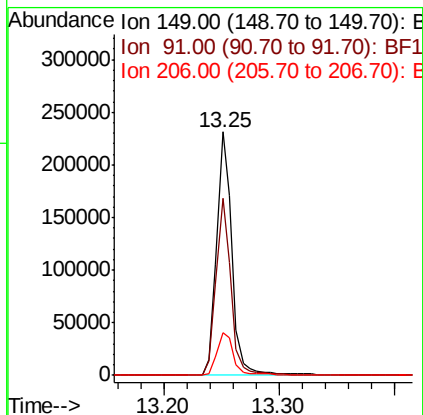
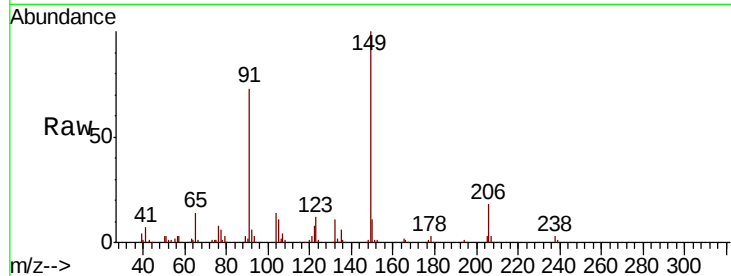




#79
Butylbenzylphthalate
Concen: 35.728 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

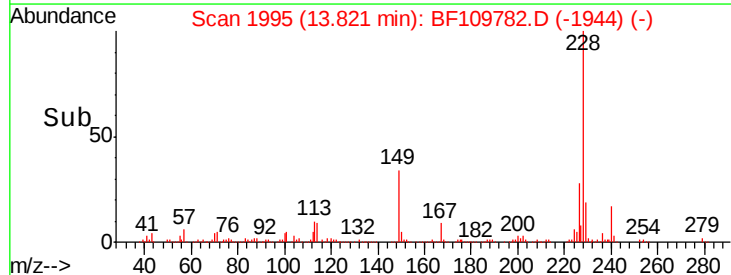
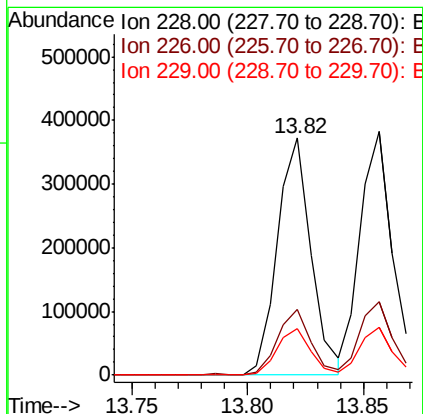
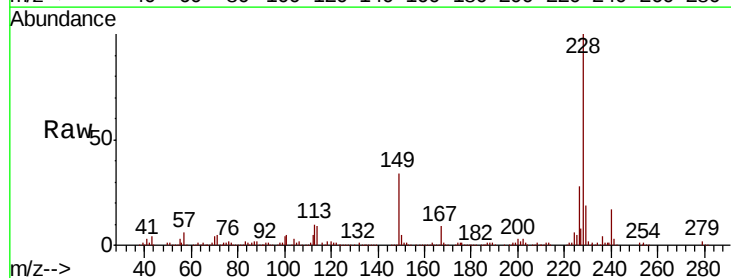
Instrument :
BNA_F
ClientSampleId :

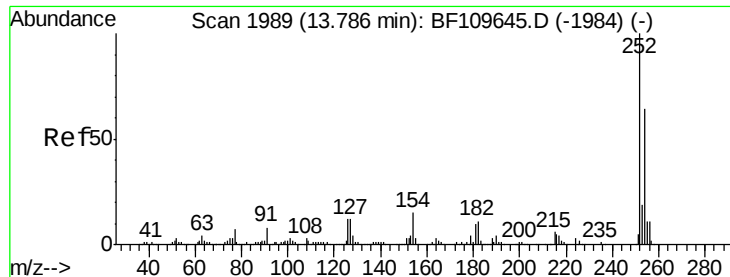
Tot Ion:149 Resp: 212667
Ion Ratio Lower Upper
149 100
91 72.9 57.2 85.8
206 17.8 15.7 23.5



#80
Benzo(a)anthracene
Concen: 36.351 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Tgt Ion:228 Resp: 375899
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 19.4 15.6 23.4

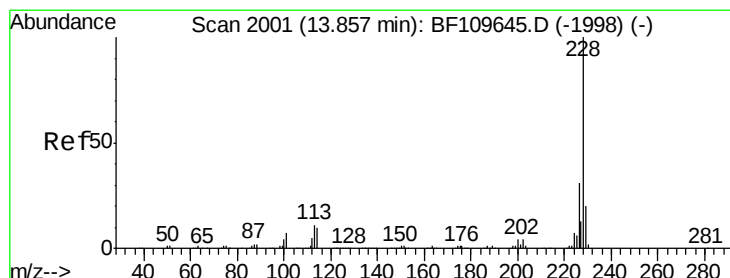
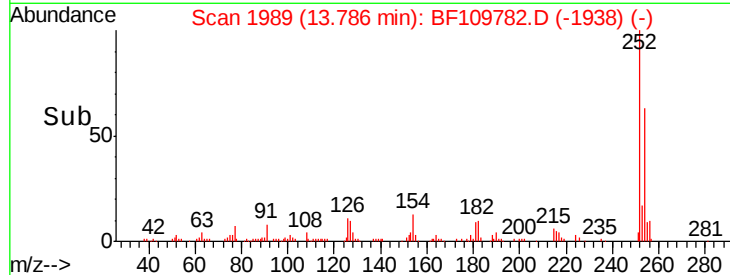
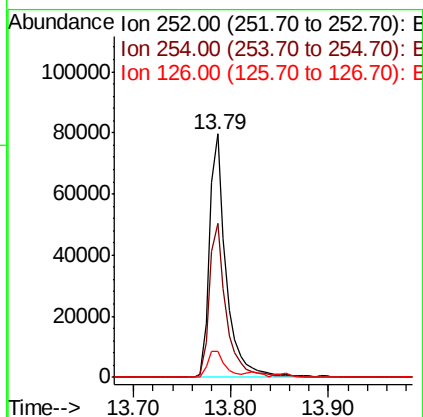
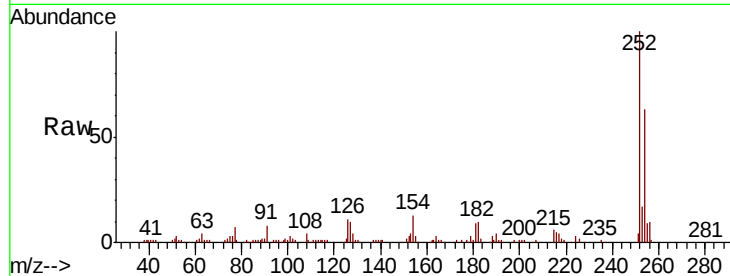




#81
 3,3'-Dichlorobenzidine
 Concen: 22.637 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: BF109782.D
 Acq: 11 Oct 2018 10:26

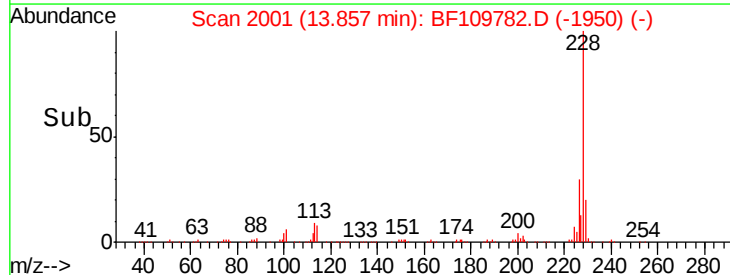
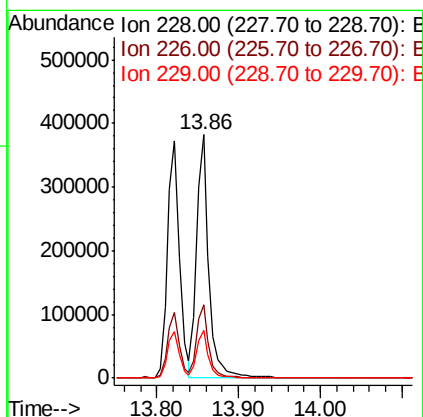
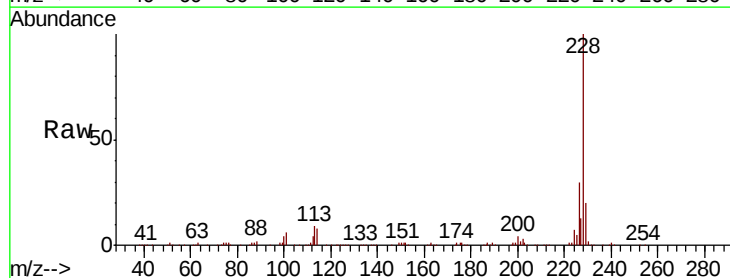
Instrument :
 BNA_F
 ClientSampleId :

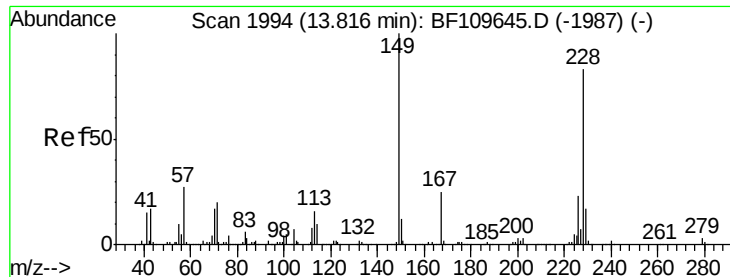
Tot Ion:252 Resp: 94255
 Ion Ratio Lower Upper
 252 100
 254 63.4 51.3 76.9
 126 10.5 9.4 14.2



#82
 Chrysene
 Concen: 36.743 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF109782.D
 Acq: 11 Oct 2018 10:26

Tgt Ion:228 Resp: 399096
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.7 37.1
 229 19.6 15.9 23.9

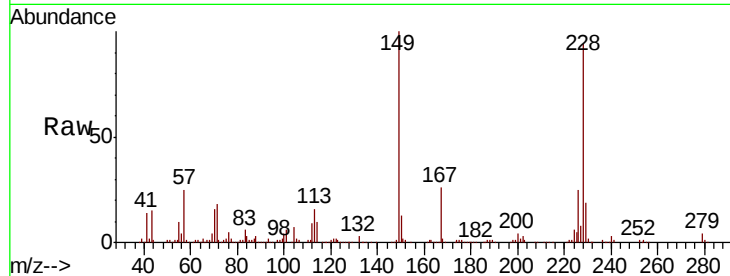




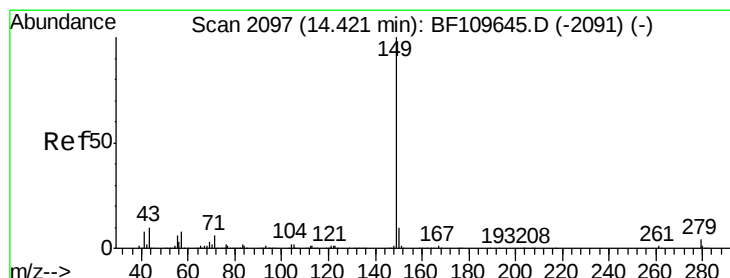
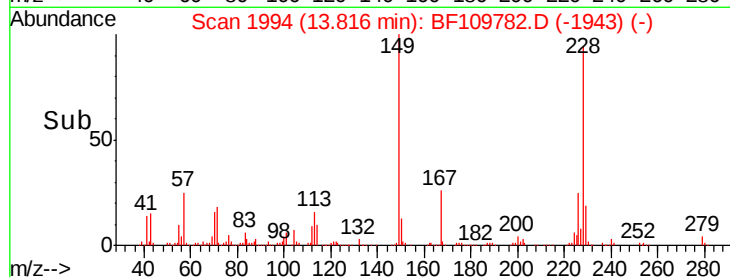
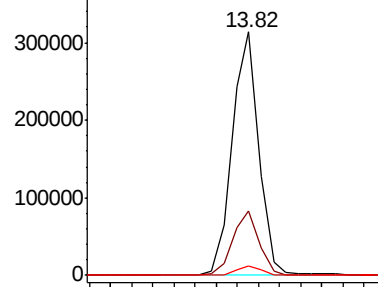
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.936 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BF109782.D
 Acq: 11 Oct 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 275491
 Ion Ratio Lower Upper
 149 100
 167 26.2 19.8 29.8
 279 3.9 2.7 4.1

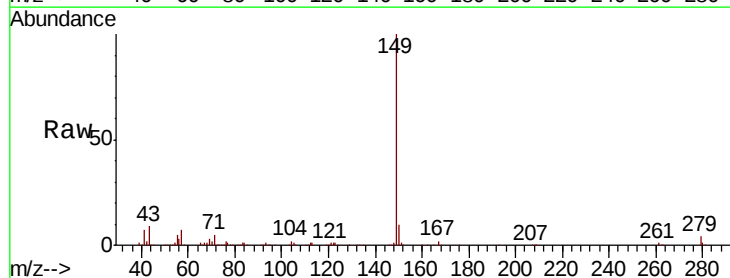


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

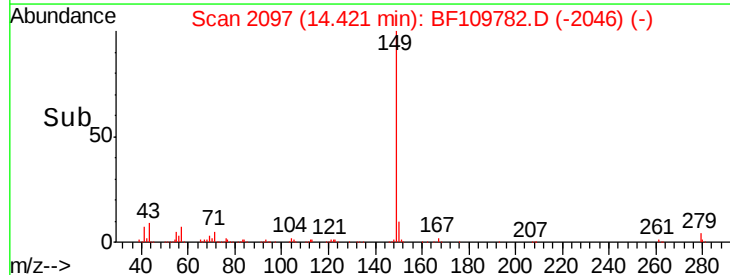
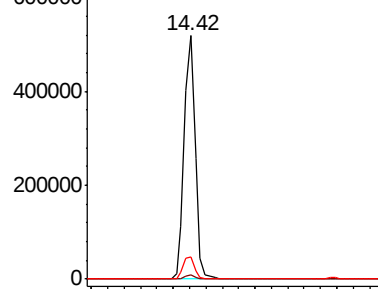


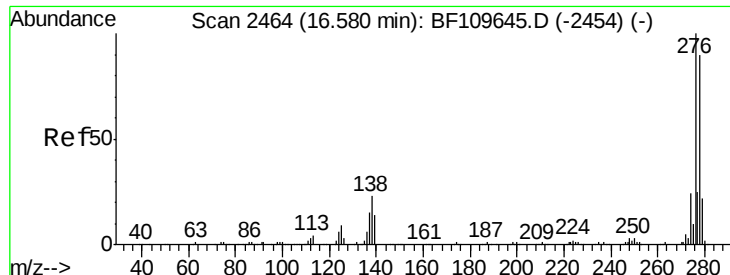
#84
 Di-n-octyl phthalate
 Concen: 42.364 ng
 RT: 14.42 min Scan# 2097
 Delta R.T. 0.00 min
 Lab File: BF109782.D
 Acq: 11 Oct 2018 10:26

Tgt Ion:149 Resp: 486283
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 9.4 7.8 11.8



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

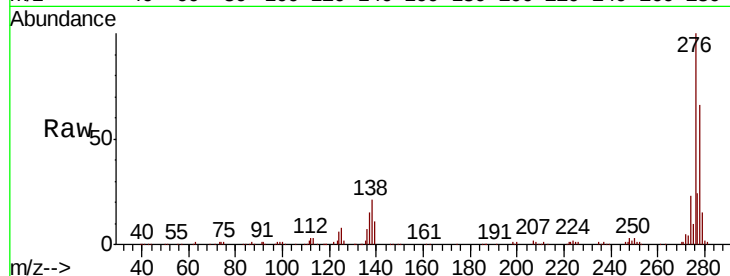




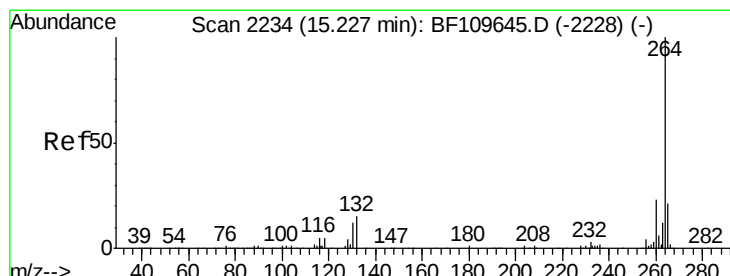
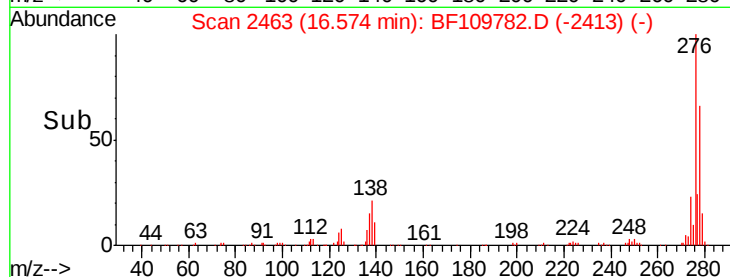
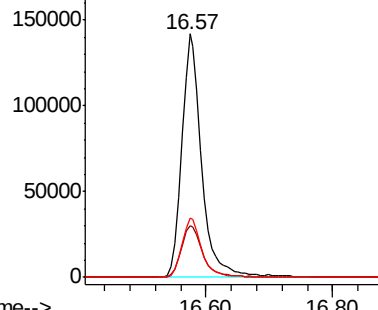
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.473 ng
 RT: 16.57 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BF109782.D
 Acq: 11 Oct 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 314653
 Ion Ratio Lower Upper
 276 100
 138 22.8 18.5 27.7
 277 24.7 20.0 30.0

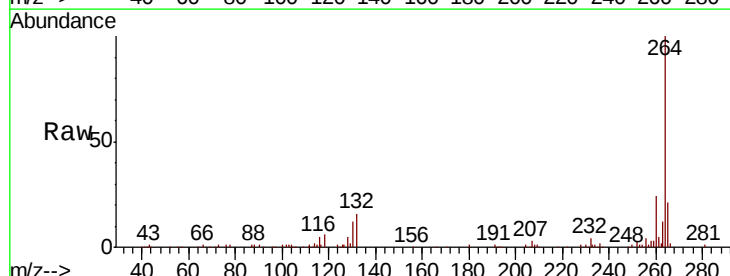


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

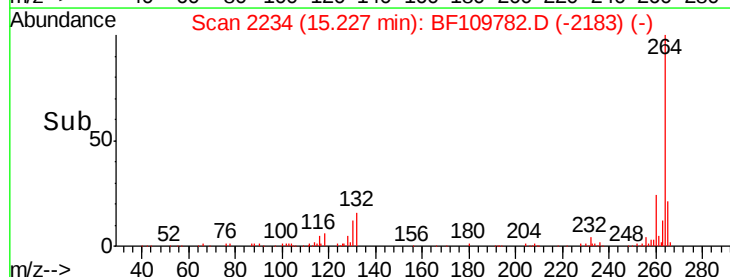
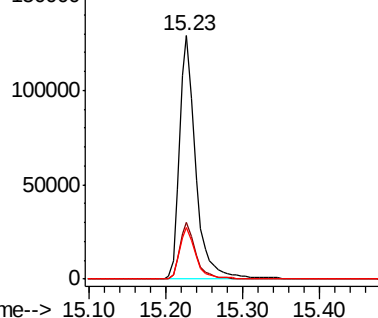


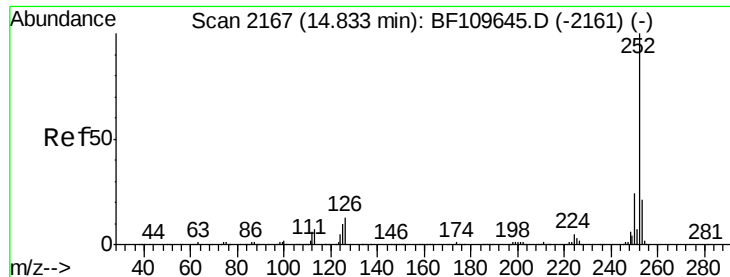
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. 0.00 min
 Lab File: BF109782.D
 Acq: 11 Oct 2018 10:26

Tgt Ion:264 Resp: 187104
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.4 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

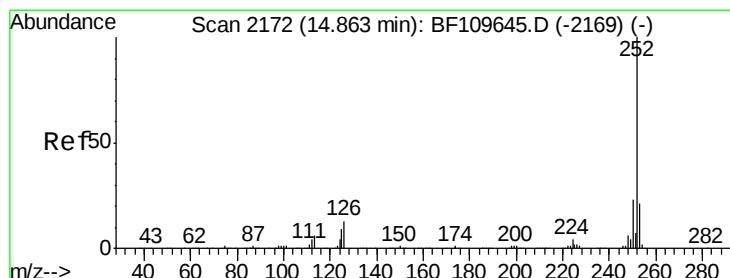
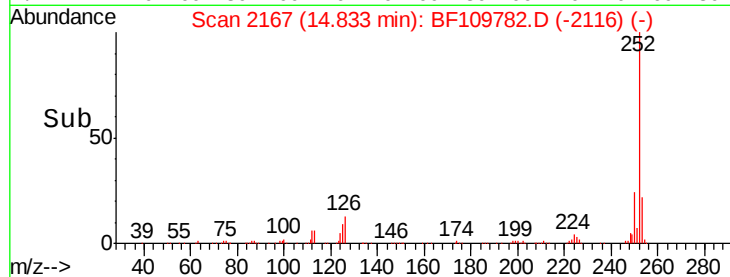
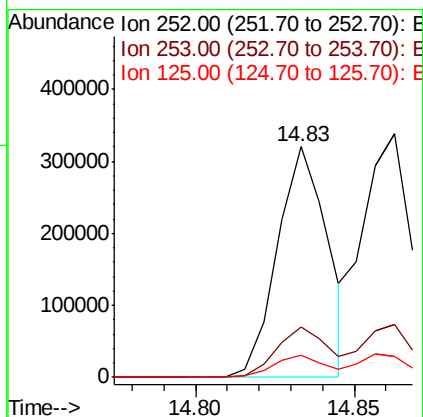
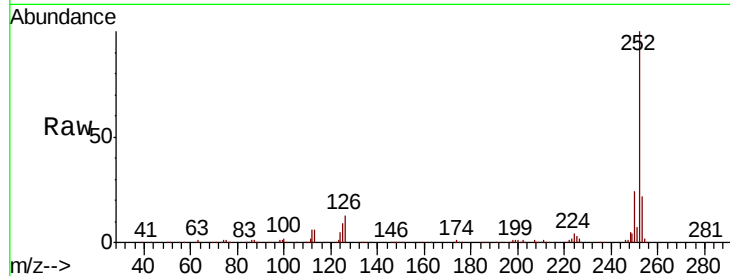




#87
Benzo(b)fluoranthene
Concen: 34.288 ng
RT: 14.83 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

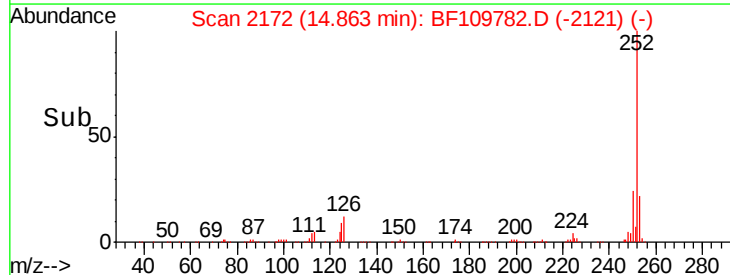
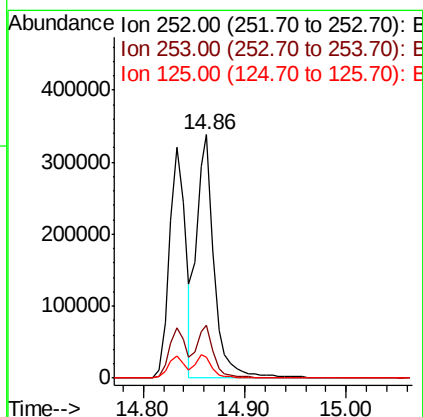
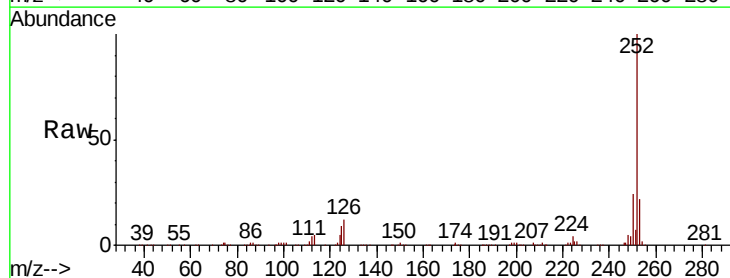
Instrument :
BNA_F
ClientSampleId :

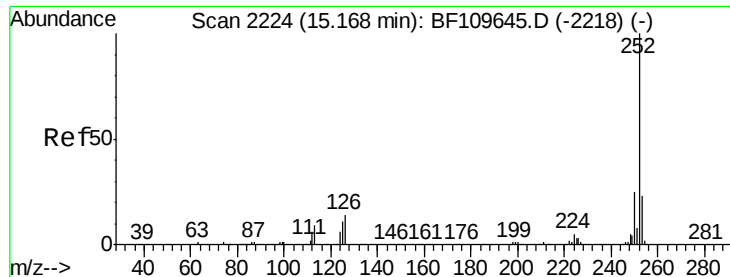
Tot Ion:252 Resp: 354526
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 9.4 8.2 12.4



#88
Benzo(k)fluoranthene
Concen: 38.795 ng
RT: 14.86 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Tgt Ion:252 Resp: 403033
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 8.7 7.4 11.0

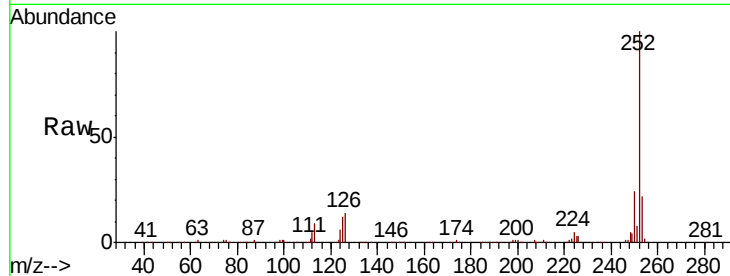




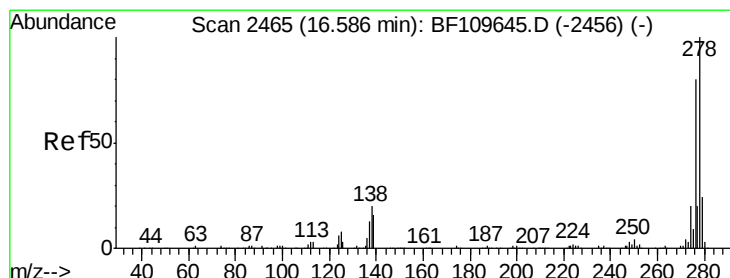
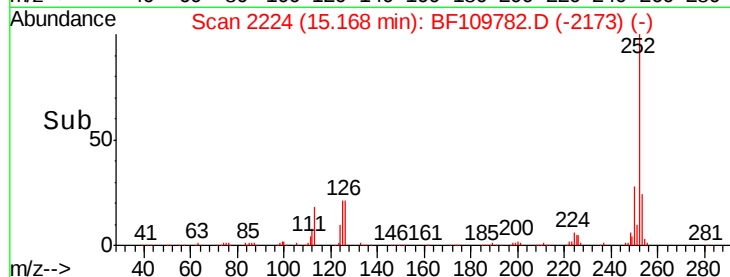
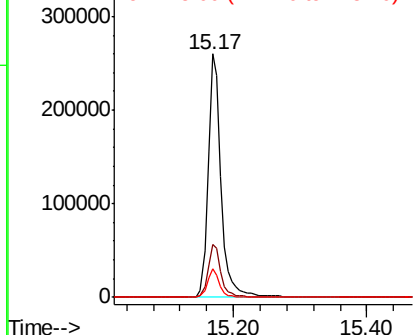
#89
Benzo(a)pyrene
Concen: 37.415 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 351065
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 11.6 9.0 13.6

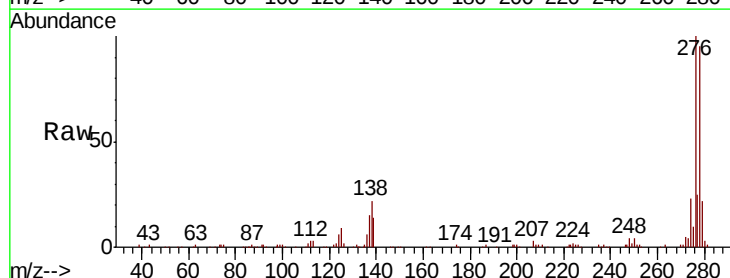


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

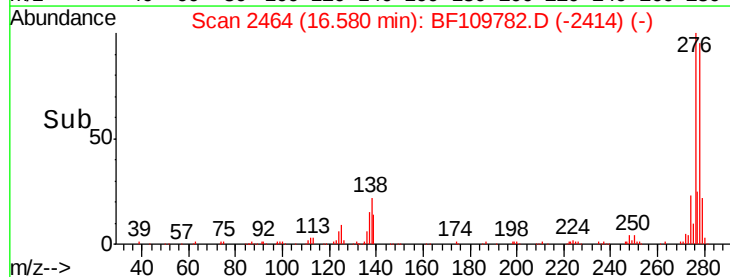
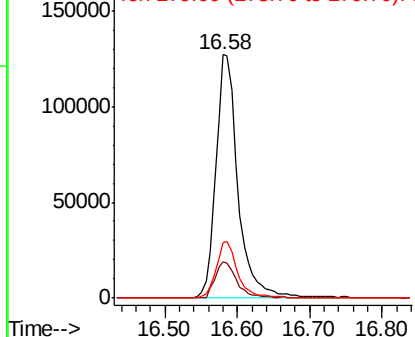


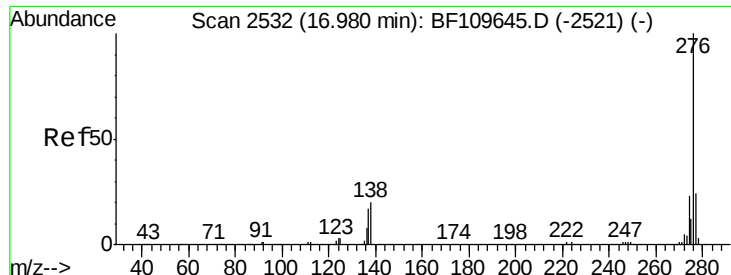
#90
Dibenzo(a,h)anthracene
Concen: 34.995 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BF109782.D
Acq: 11 Oct 2018 10:26

Tgt Ion:278 Resp: 269678
Ion Ratio Lower Upper
278 100
139 14.9 12.7 19.1
279 23.0 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

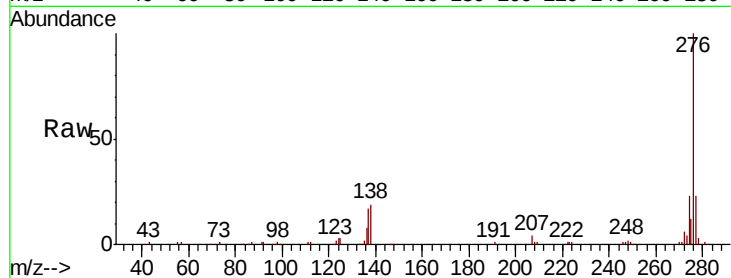




#91
 Benzo(a,h,i)perylene
 Concen: 31.787 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. 0.00 min
 Lab File: BF109782.D
 Acq: 11 Oct 2018 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.8	28.2
138	19.3	16.0	24.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

