

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
 Data File : BF108942.D
 Acq On : 11 Sep 2018 18:24
 Operator : JU/SJ
 Sample : J4847-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 12 03:34:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	172551	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	654159	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	302304	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	530297	20.00	ng	0.00
75) Chrysene-d12	13.88	240	368762	20.00	ng	0.01
86) Perylene-d12	15.28	264	462100	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	989540	95.01	ng	0.02
7) Phenol-d6	6.38	99	1282253	95.68	ng	0.01
23) Nitrobenzene-d5	7.30	82	811282	77.61	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	285914	99.07	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1261058	71.16	ng	0.00
78) Terphenyl-d14	12.83	244	1012880	64.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	149897	29.946	ng	94
3) Pyridine	3.17	79	401832	29.313	ng	93
4) n-Nitrosodimethylamine	3.10	42	196078	37.240	ng	90
6) Aniline	6.40	93	525105	29.133	ng	96
8) 2-Chlorophenol	6.52	128	414636	35.965	ng	98
9) Benzaldehyde	6.28	77	213008	22.405	ng	98
10) Phenol	6.39	94	516657	33.660	ng	83
11) bis(2-Chloroethyl)ether	6.48	93	411756	33.487	ng	96
12) 1,3-Dichlorobenzene	6.68	146	445930	33.895	ng	99
13) 1,4-Dichlorobenzene	6.75	146	446011	33.901	ng	99
14) 1,2-Dichlorobenzene	6.91	146	418475	34.509	ng	97
15) Benzyl Alcohol	6.88	79	372684	36.237	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	608036	33.081	ng	96
17) 2-Methylphenol	7.00	107	342146	35.118	ng	98
18) Hexachloroethane	7.25	117	161756	34.098	ng	99
19) n-Nitroso-di-n-propylamine	7.15	70	294014	31.563	ng	99
20) 3+4-Methylphenols	7.15	107	396320	34.725	ng	# 62
22) Acetophenone	7.15	105	546035	36.779	ng	# 92
24) Nitrobenzene	7.32	77	438799	39.124	ng	99
25) Isophorone	7.56	82	811713	38.930	ng	97
26) 2-Nitrophenol	7.64	139	203701	46.100	ng	99
27) 2,4-Dimethylphenol	7.68	122	372661	41.531	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	514615	36.916	ng	99
29) 2,4-Dichlorophenol	7.88	162	344837	37.270	ng	99
30) 1,2,4-Trichlorobenzene	7.97	180	349589	34.865	ng	96
31) Naphthalene	8.04	128	1147489	38.989	ng	99
32) Benzoic acid	7.78	122	142243	27.539	ng	95
33) 4-Chloroaniline	8.09	127	392348	29.027	ng	98
34) Hexachlorobutadiene	8.17	225	205503	34.307	ng	97
35) Caprolactam	8.45	113	82945	26.456	ng	# 77
36) 4-Chloro-3-methylphenol	8.57	107	354126	35.929	ng	98
37) 2-Methylnaphthalene	8.73	142	755207	38.842	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	326313	36.110	ng	97
40) Hexachlorocyclopentadiene	8.90	237	246888	54.307	ng	98

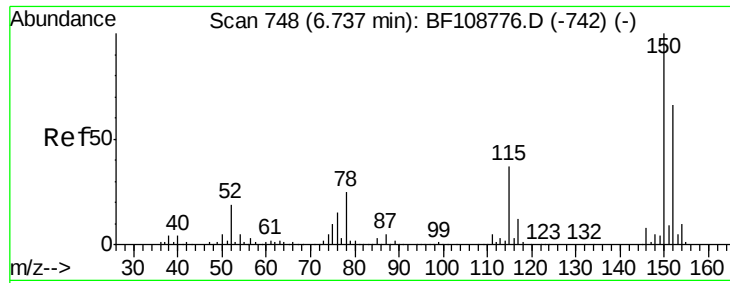
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
 Data File : BF108942.D
 Acq On : 11 Sep 2018 18:24
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Quant Time: Sep 12 03:34:47 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	237213	38.539	ng	98
43) 2,4,5-Trichlorophenol	9.05	196	250878	39.321	ng	98
45) 1,1'-Biphenyl	9.20	154	878694	37.755	ng	100
46) 2-Chloronaphthalene	9.22	162	682084	36.238	ng	99
47) 2-Nitroaniline	9.31	65	229366	44.607	ng	91
48) Acenaphthylene	9.63	152	1097404	39.115	ng	100
49) Dimethylphthalate	9.50	163	1199855	56.747	ng	99
50) 2,6-Dinitrotoluene	9.55	165	180541	44.810	ng	98
51) Acenaphthene	9.81	154	665188	38.314	ng	100
52) 3-Nitroaniline	9.72	138	166341	34.683	ng	99
53) 2,4-Dinitrophenol	9.82	184	74611	53.851	ng	# 19
54) Dibenzofuran	9.98	168	929704	36.736	ng	99
55) 4-Nitrophenol	9.88	139	273092	76.168	ng	98
56) 2,4-Dinitrotoluene	9.95	165	230192	44.676	ng	# 96
57) Fluorene	10.32	166	674051	41.504	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	202425	39.342	ng	# 87
59) Diethylphthalate	10.20	149	794218	36.399	ng	98
60) 4-Chlorophenyl-phenylether	10.31	204	325755	37.557	ng	92
61) 4-Nitroaniline	10.32	138	169927	39.111	ng	98
62) Azobenzene	10.47	77	789606	35.057	ng	95
64) 4,6-Dinitro-2-methylphenol	10.36	198	58815	31.036	ng	93
65) n-Nitrosodiphenylamine	10.43	169	666574	37.806	ng	96
66) 4-Bromophenyl-phenylether	10.80	248	217682	36.344	ng	92
67) Hexachlorobenzene	10.87	284	225011	35.192	ng	93
68) Atrazine	10.95	200	221764	39.290	ng	98
69) Pentachlorophenol	11.06	266	220936	56.520	ng	98
70) Phenanthrene	11.27	178	960782	37.940	ng	99
71) Anthracene	11.32	178	985236	40.634	ng	100
72) Carbazole	11.48	167	884455	34.637	ng	99
73) Di-n-butylphthalate	11.82	149	1125179	39.680	ng	99
74) Fluoranthene	12.45	202	915488	36.513	ng	98
76) Benzidine	12.57	184	577671	33.052	ng	98
77) Pyrene	12.68	202	910431	32.085	ng	100
79) Butylbenzylphthalate	13.31	149	422149	33.036	ng	97
80) Benzo(a)anthracene	13.87	228	803633	34.000	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	314561	34.158	ng	# 97
82) Chrysene	13.90	228	795045	34.746	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	543965	33.874	ng	99
84) Di-n-octyl phthalate	14.48	149	1027949	38.396	ng	98
85) Indeno(1,2,3-cd)pyrene	16.65	276	883850	43.647	ng	95
87) Benzo(b)fluoranthene	14.88	252	930838	37.045	ng	97
88) Benzo(k)fluoranthene	14.91	252	745060	32.199	ng	99
89) Benzo(a)pyrene	15.23	252	838735	36.994	ng	98
90) Dibenzo(a,h)anthracene	16.67	278	749372	37.510	ng	97
91) Benzo(g,h,i)perylene	17.06	276	696050	34.798	ng	94

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

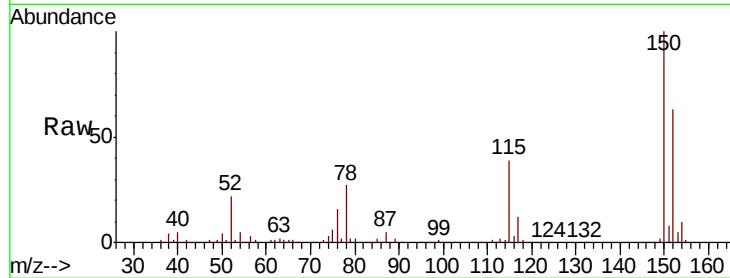


#1

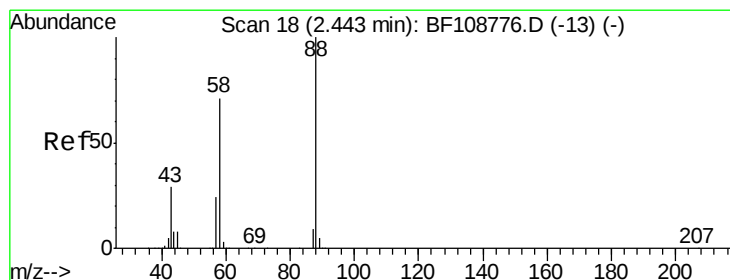
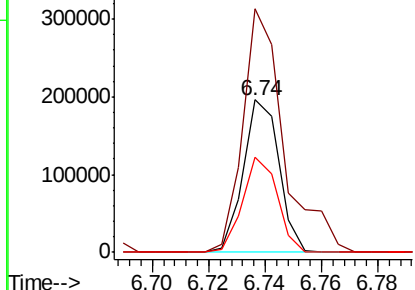
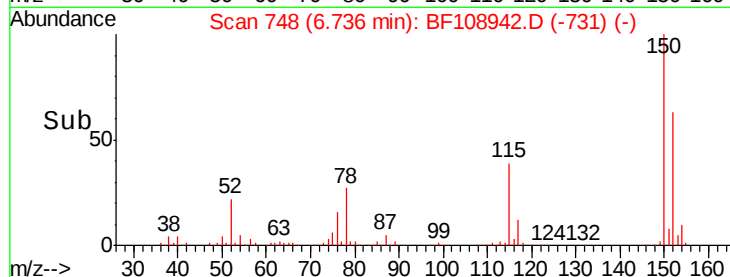
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 172551
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 62.4 50.1 75.1



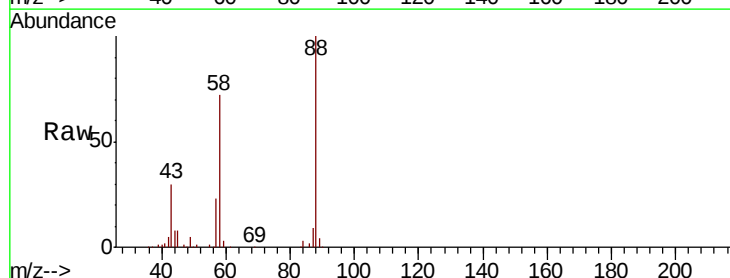
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



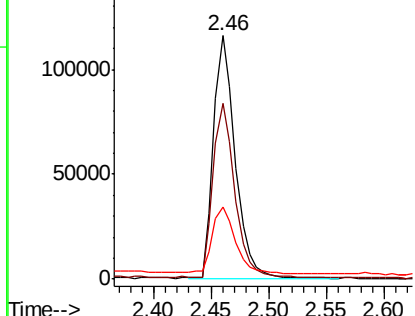
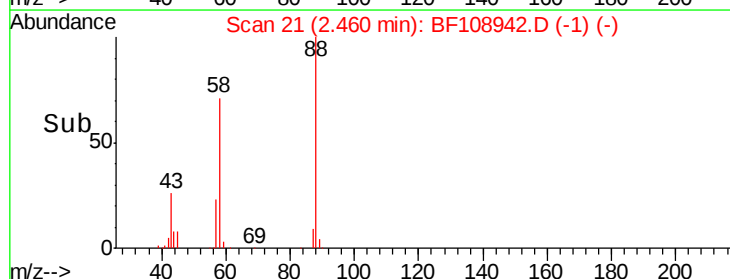
#2

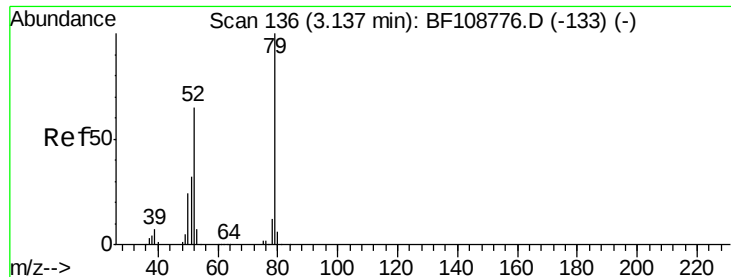
1,4-Dioxane
Concen: 29.946 ng
RT: 2.46 min Scan# 21
Delta R.T. 0.02 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

Tgt Ion: 88 Resp: 149897
Ion Ratio Lower Upper
88 100
58 71.7 62.6 93.8
43 29.8 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 29.313 ng

RT: 3.17 min Scan# 142

Delta R.T. 0.04 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

Instrument :

BNA_F

ClientSampleId :

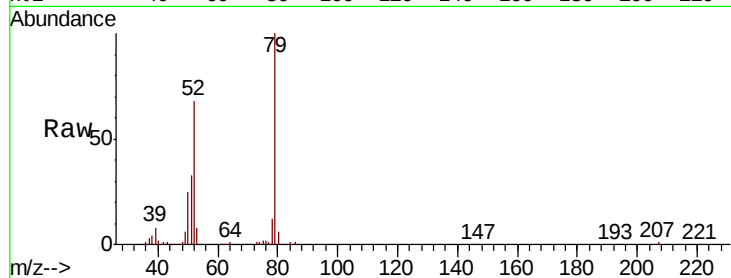
Tot Ion: 79 Resp: 401832

Ion Ratio Lower Upper

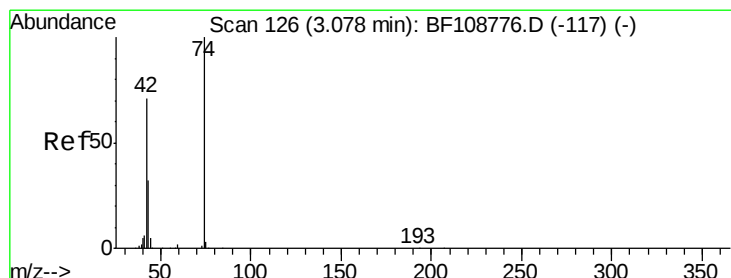
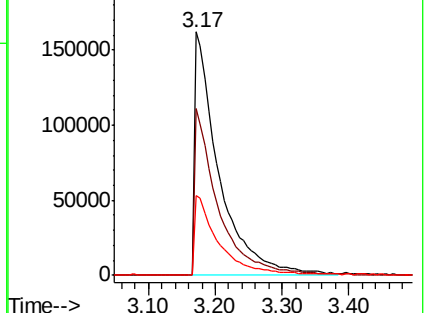
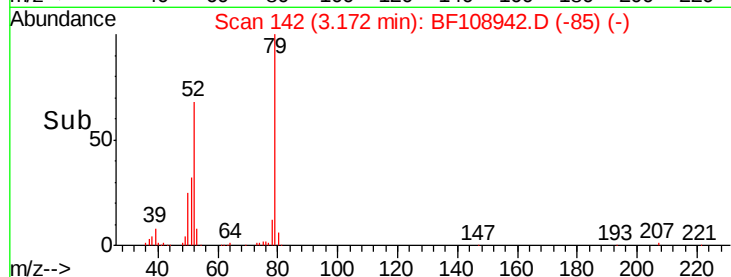
79 100

52 68.4 59.8 89.6

51 33.0 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 37.240 ng

RT: 3.10 min Scan# 130

Delta R.T. 0.02 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

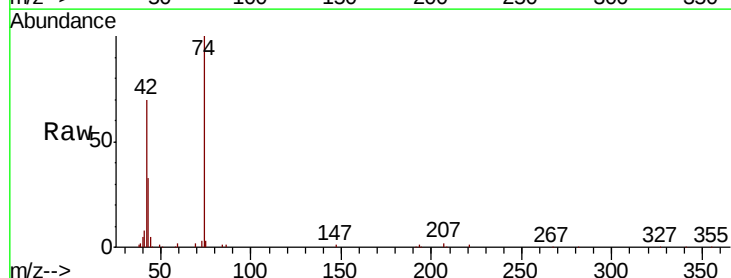
Tgt Ion: 42 Resp: 196078

Ion Ratio Lower Upper

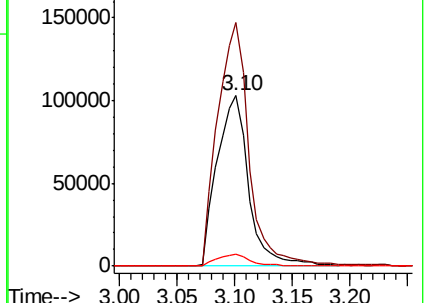
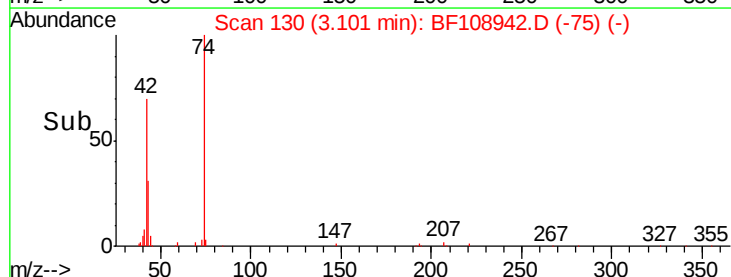
42 100

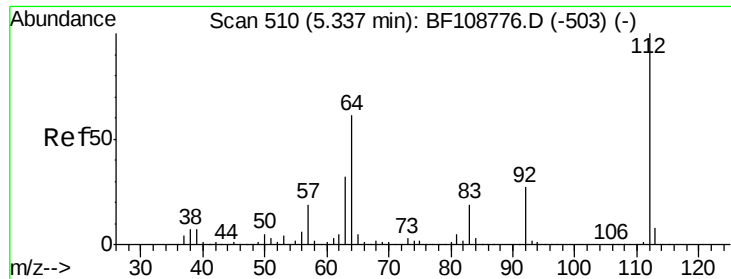
74 143.1 104.9 157.3

44 6.9 6.9 10.3



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





#5

2-Fluorophenol

Concen: 95.006 ng

RT: 5.35 min Scan# 513

Delta R.T. 0.02 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

Instrument :
BNA_F
ClientSampled :

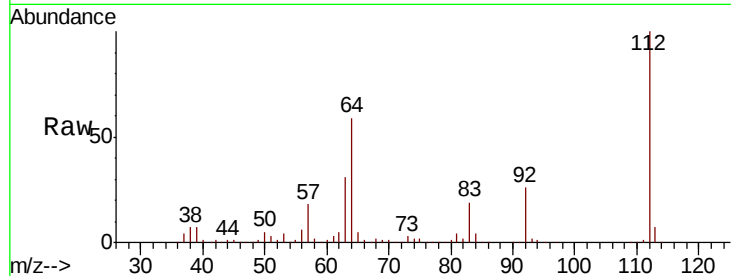
Tot Ion:112 Resp: 989540

Ion Ratio Lower Upper

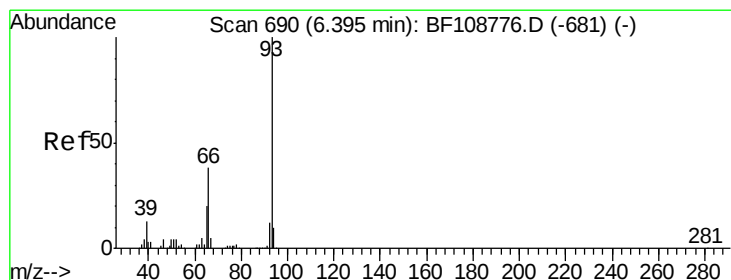
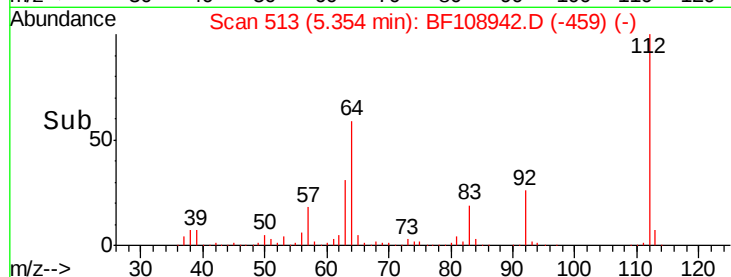
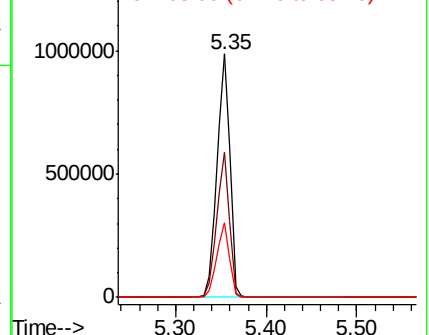
112 100

64 59.5 47.9 71.9

63 30.6 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: 29.133 ng

RT: 6.40 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

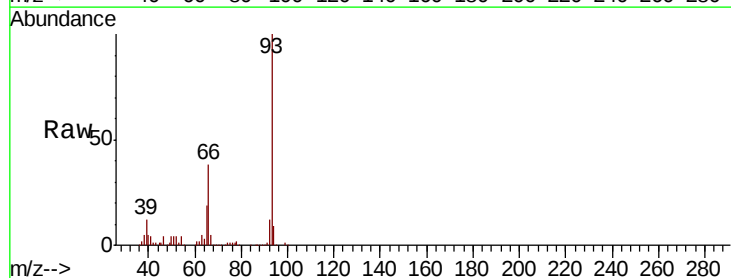
Tgt Ion: 93 Resp: 525105

Ion Ratio Lower Upper

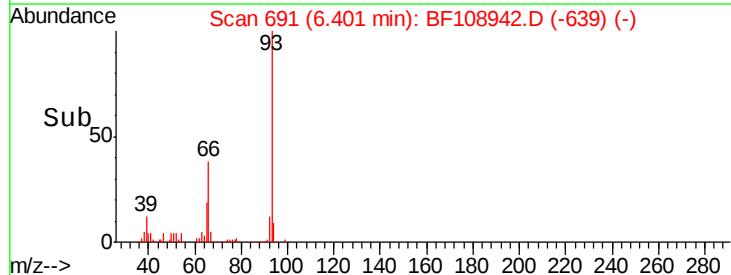
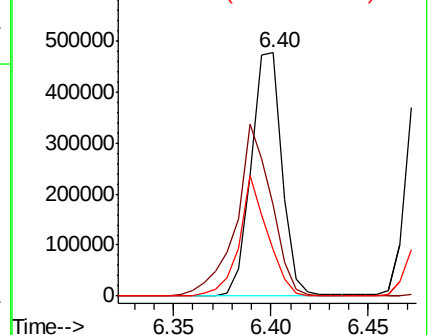
93 100

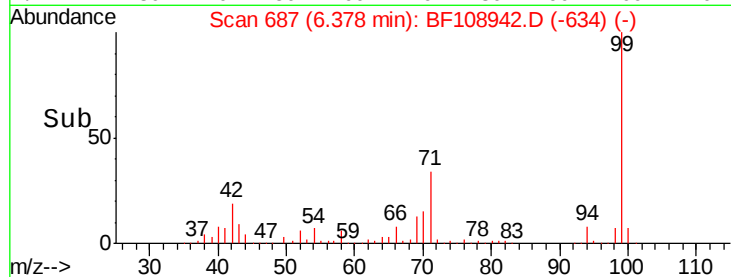
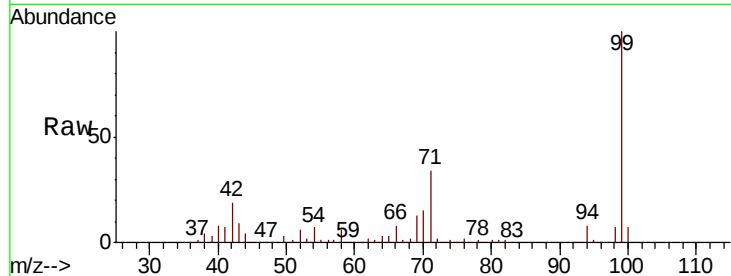
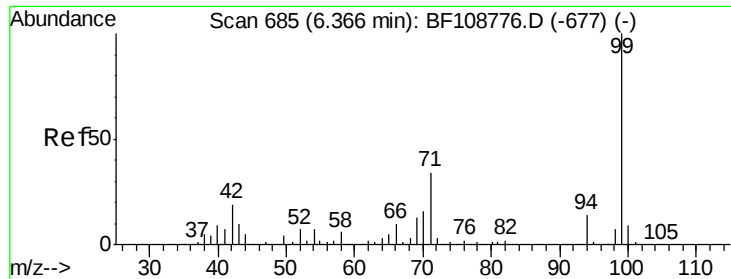
66 37.8 32.2 48.2

65 19.1 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 95.682 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

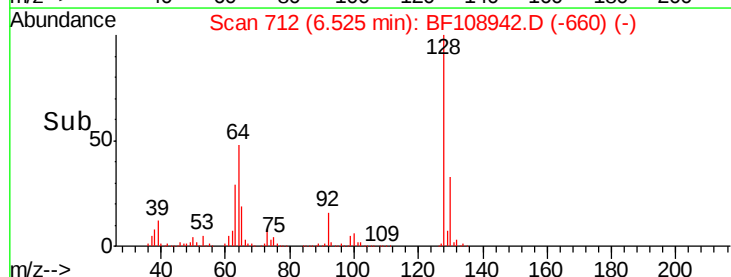
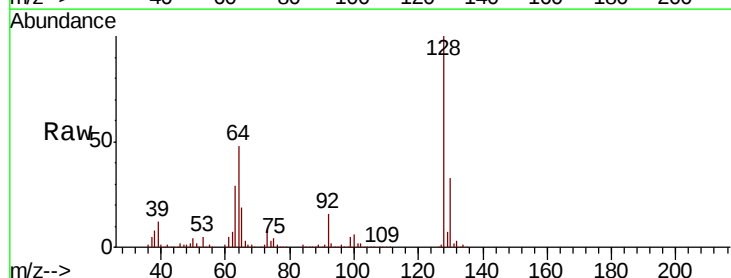
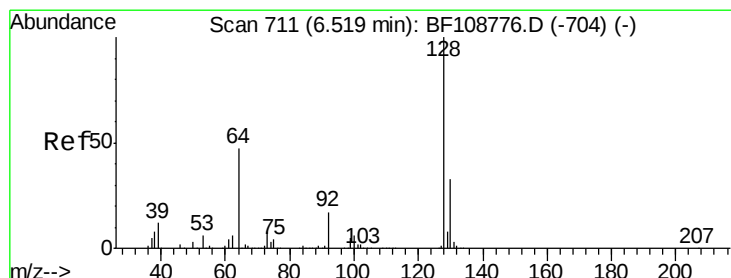
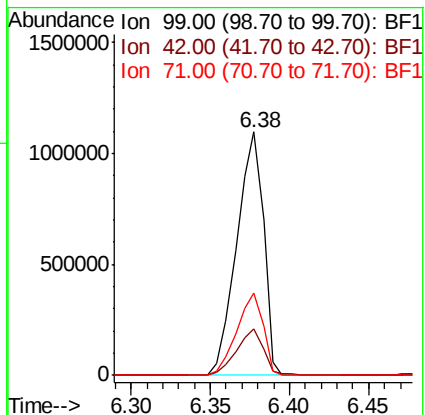
Tot Ion: 99 Resp: 1282253

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 33.9 25.4 38.0



#8

2-Chlorophenol

Concen: 35.965 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

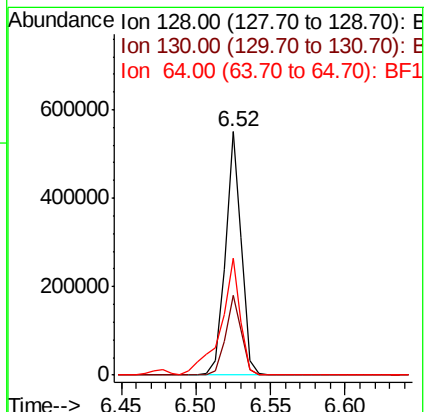
Tgt Ion:128 Resp: 414636

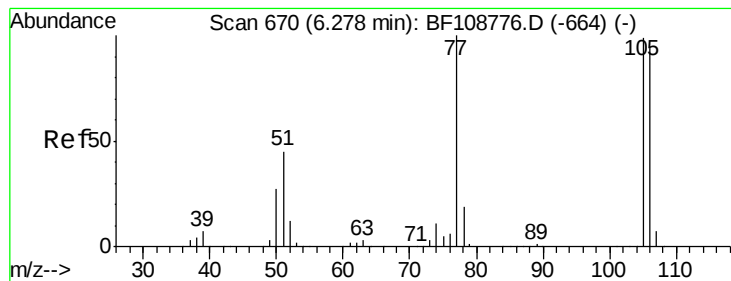
Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 47.9 29.4 69.4





#9

Benzaldehyde

Concen: 22.405 ng

RT: 6.28 min Scan# 671

Delta R.T. 0.01 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

Instrument :

BNA_F

ClientSampleId :

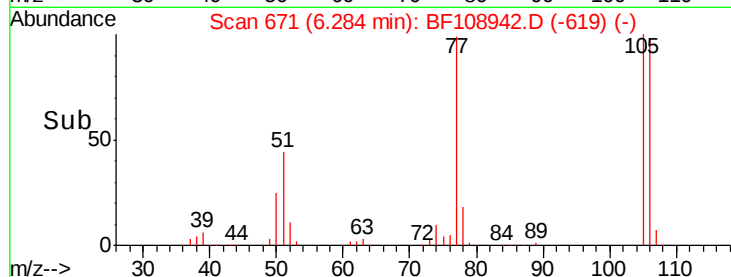
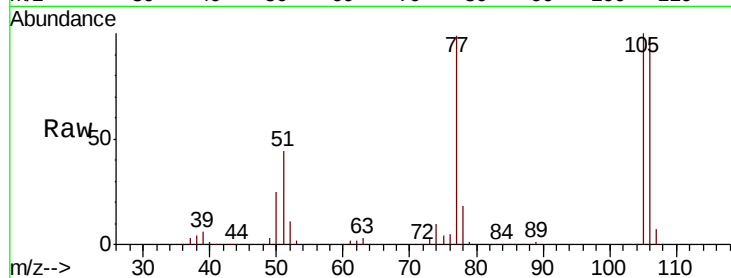
Tot Ion: 77 Resp: 213008

Ion Ratio Lower Upper

77 100

105 100.7 81.1 121.1

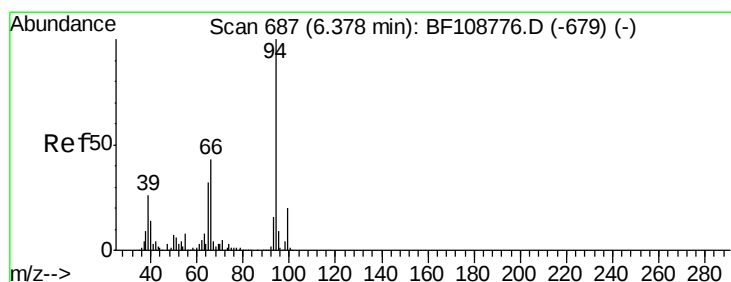
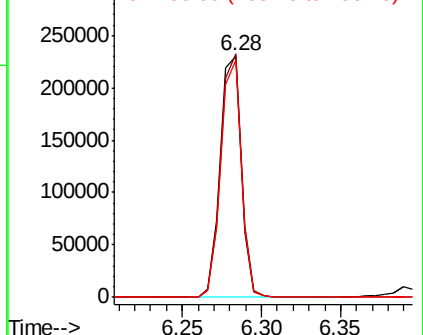
106 98.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 33.660 ng

RT: 6.39 min Scan# 689

Delta R.T. 0.01 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

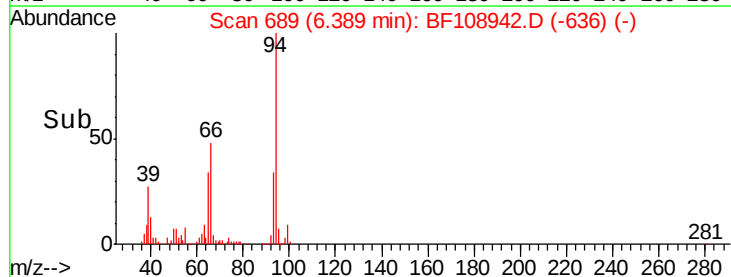
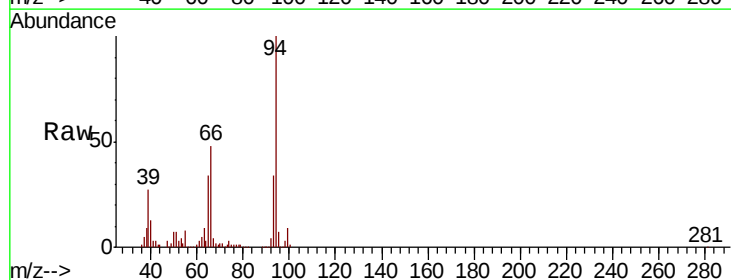
Tgt Ion: 94 Resp: 516657

Ion Ratio Lower Upper

94 100

65 33.9 7.9 47.9

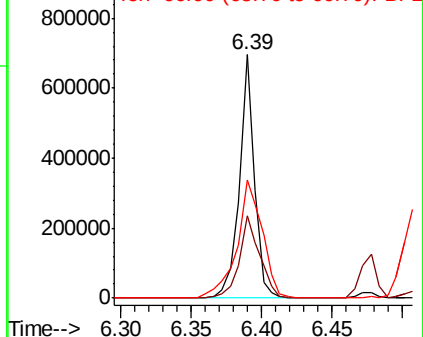
66 48.4 16.2 56.2

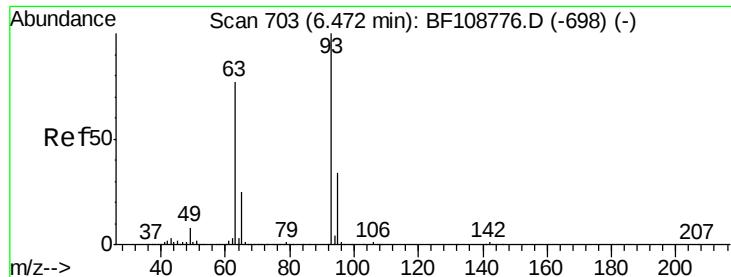


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

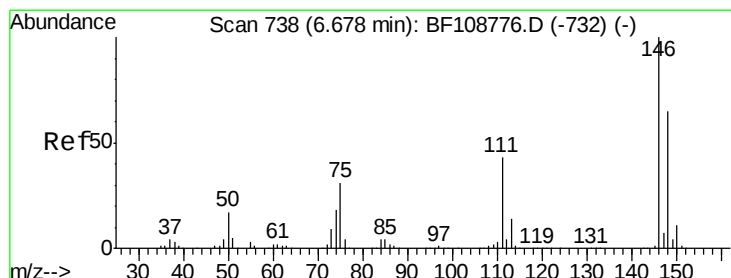
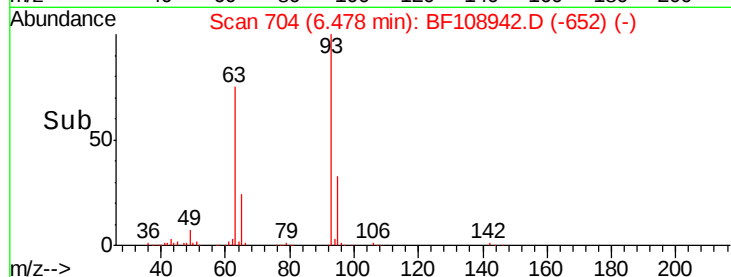
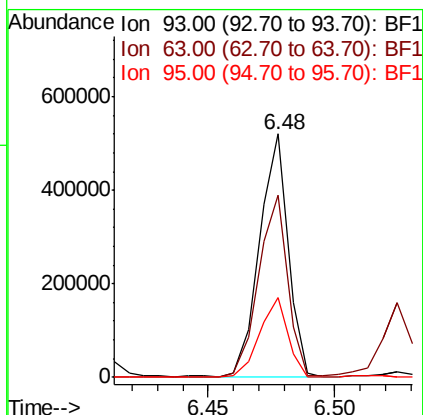
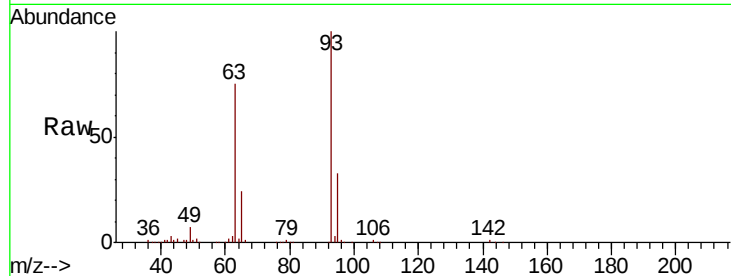




#11
bis(2-Chloroethyl)ether
Concen: 33.487 ng
RT: 6.48 min Scan# 704
Delta R.T. 0.01 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

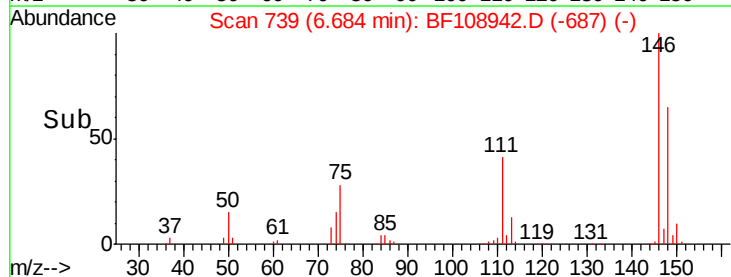
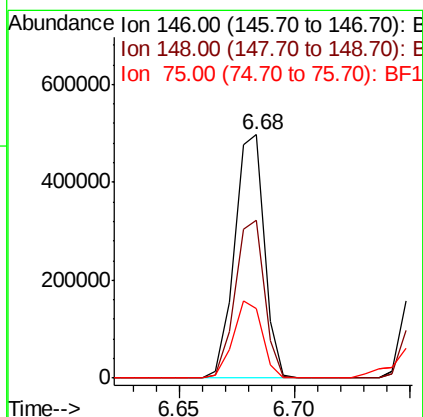
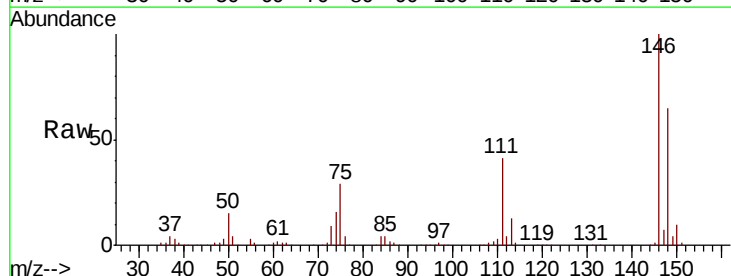
Instrument :
BNA_F
ClientSampleId :

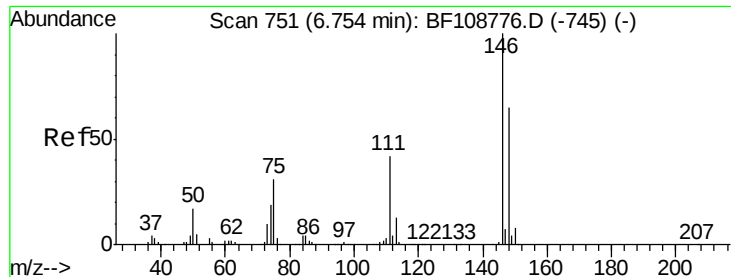
Tot Ion	93.00	Resp	411756
Ion	Ratio	Lower	Upper
93	100		
63	75.0	58.6	98.6
95	33.0	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 33.895 ng
RT: 6.68 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

Tgt Ion	146	Resp	445930
Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.8
75	28.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 33.901 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

Instrument :

BNA_F

ClientSampleId :

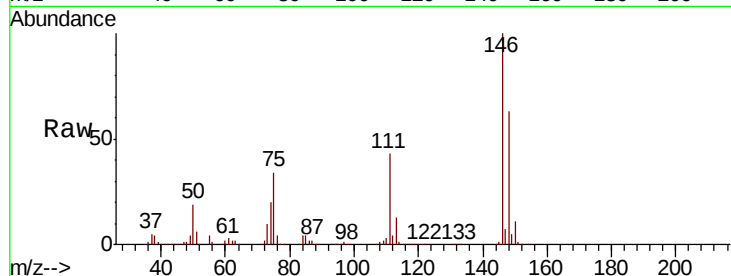
Tot Ion:146 Resp: 446011

Ion Ratio Lower Upper

146 100

148 62.8 50.8 76.2

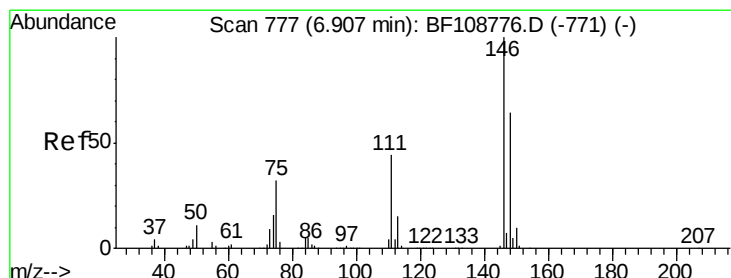
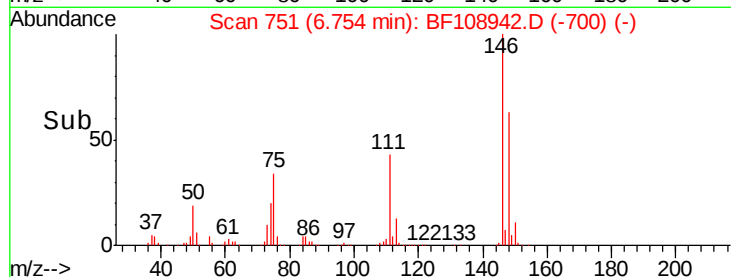
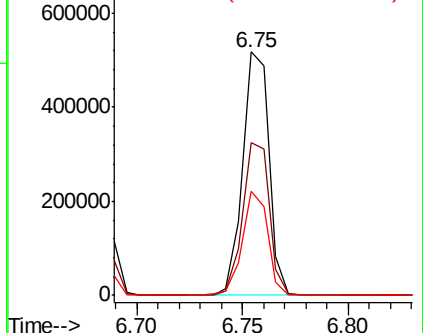
111 42.9 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.509 ng

RT: 6.91 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

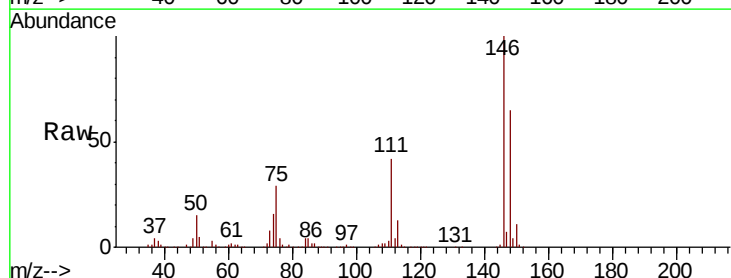
Tgt Ion:146 Resp: 418475

Ion Ratio Lower Upper

146 100

148 64.6 50.6 75.8

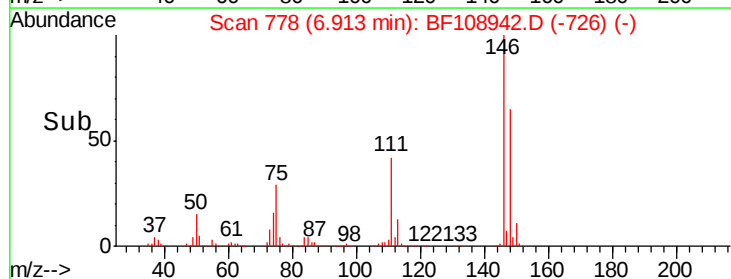
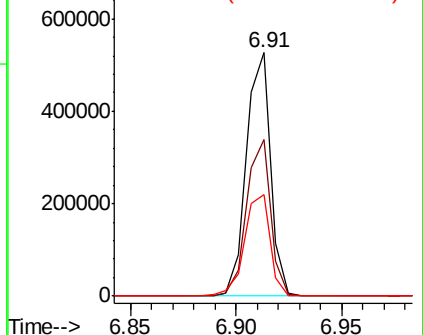
111 41.6 36.0 54.0

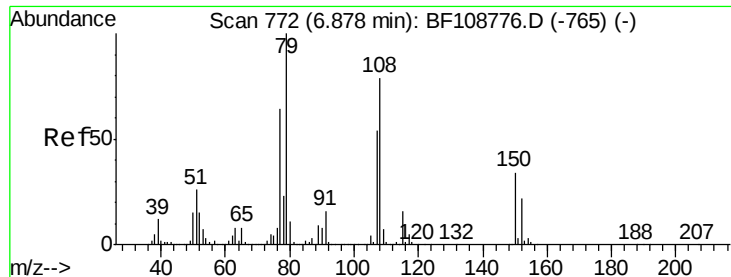


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.237 ng

RT: 6.88 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

Instrument :

BNA_F

ClientSampled :

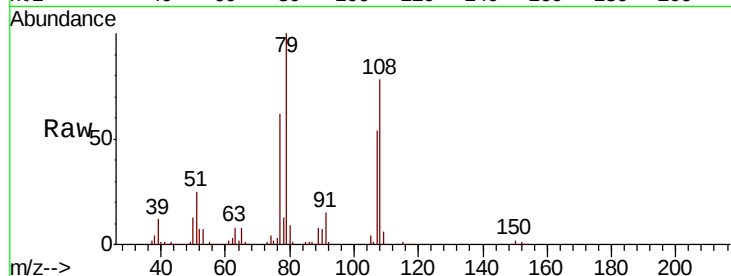
Tot Ion: 79 Resp: 372684

Ion Ratio Lower Upper

79 100

108 77.7 65.1 97.7

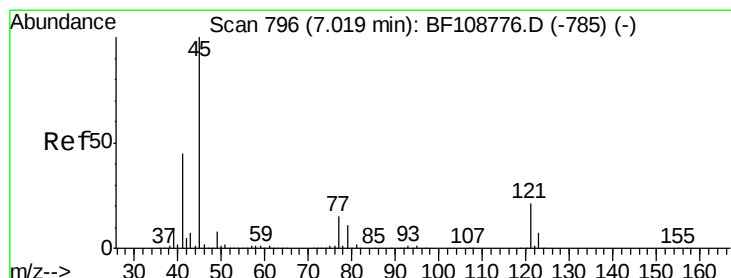
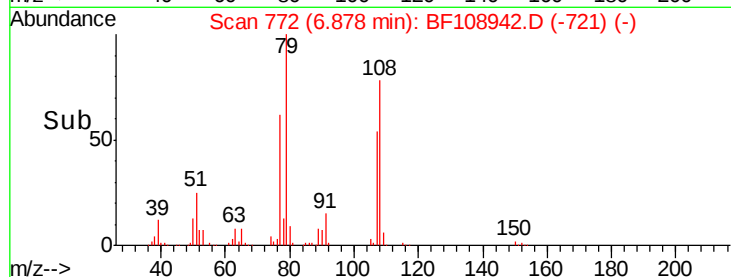
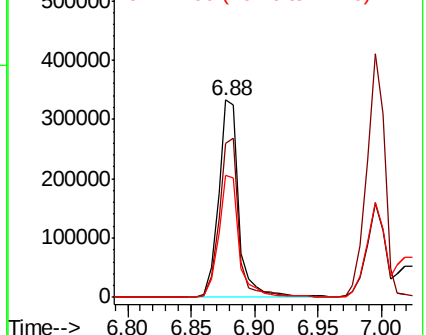
77 62.1 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.081 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

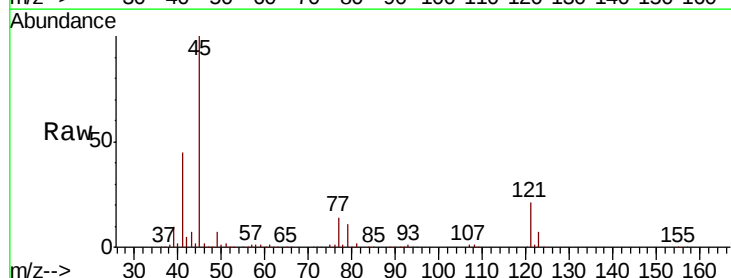
Tgt Ion: 45 Resp: 608036

Ion Ratio Lower Upper

45 100

77 14.3 0.0 32.9

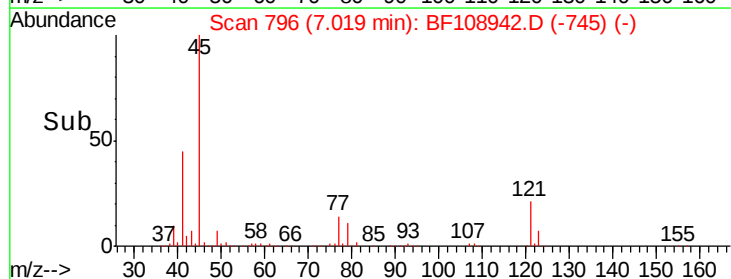
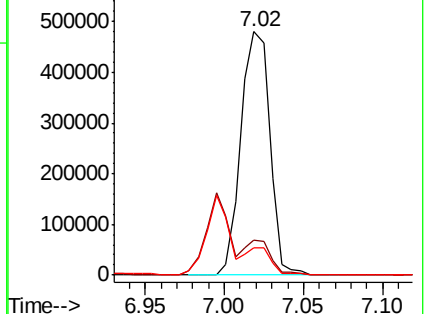
79 11.0 0.0 29.6

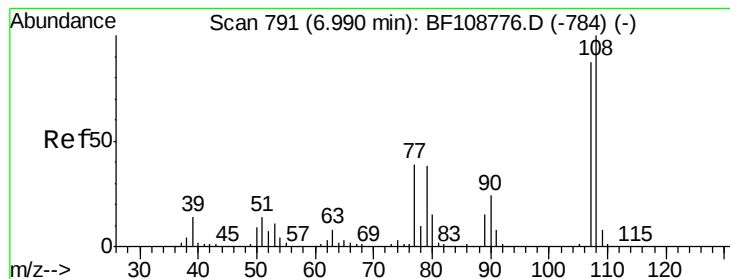


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

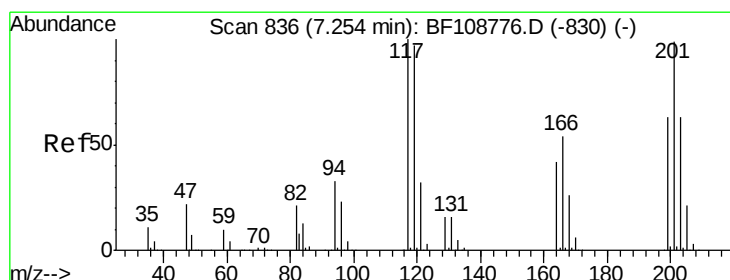
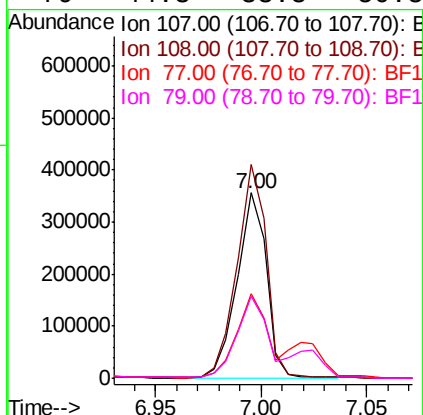
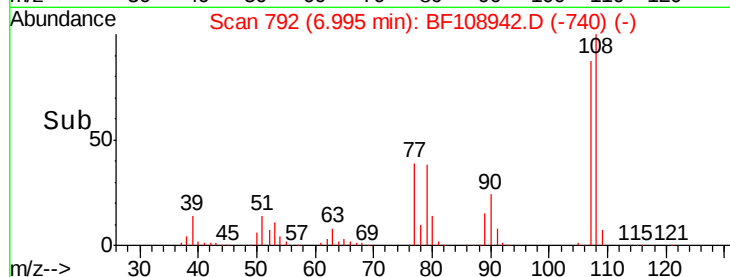
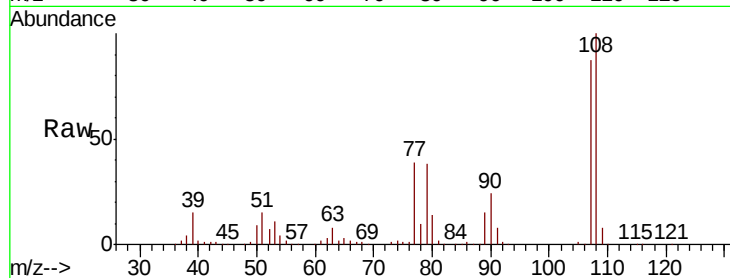




#17
2-Methylphenol
Concen: 35.118 ng
RT: 7.00 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

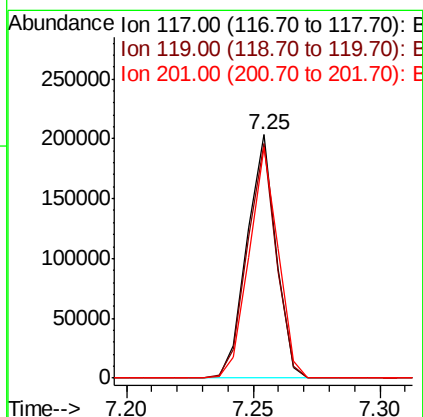
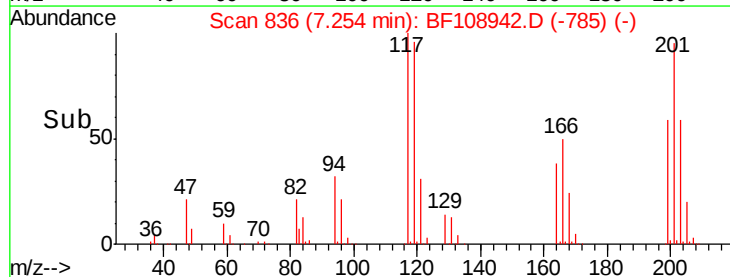
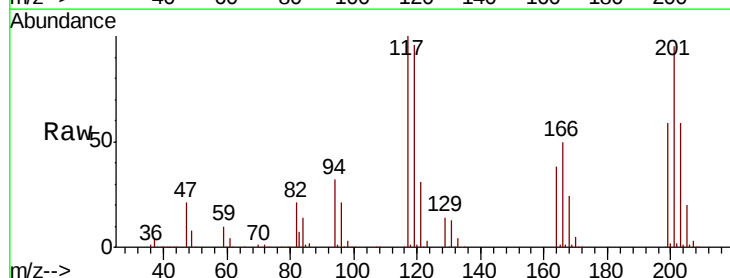
Instrument :
BNA_F
ClientSampleId :

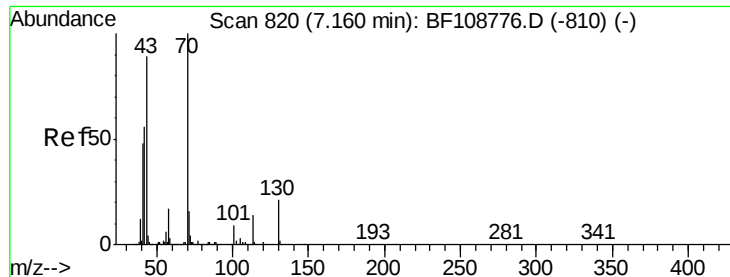
Tot Ion:107 Resp: 342146
Ion Ratio Lower Upper
107 100
108 115.2 91.7 137.5
77 45.3 33.8 50.8
79 44.3 33.8 50.8



#18
Hexachloroethane
Concen: 34.098 ng
RT: 7.25 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

Tgt Ion:117 Resp: 161756
Ion Ratio Lower Upper
117 100
119 96.3 75.8 113.8
201 94.9 75.7 113.5

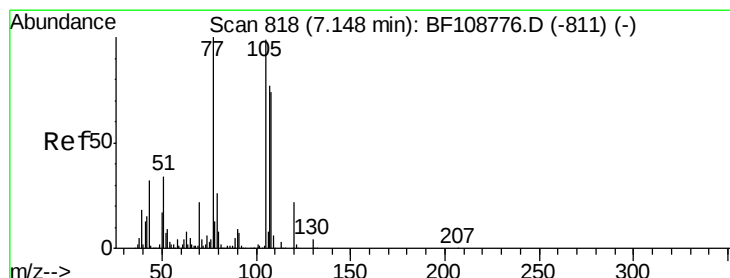
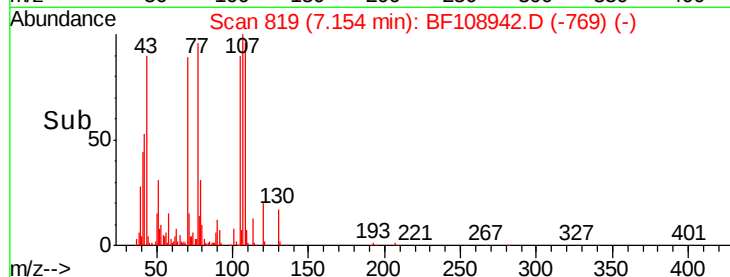
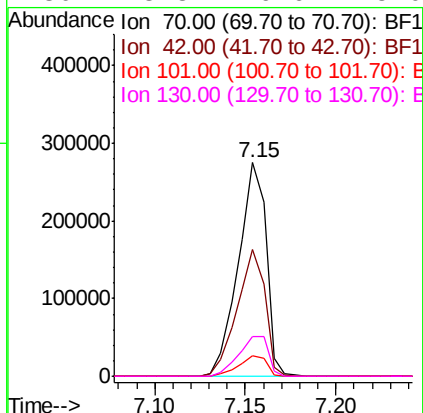
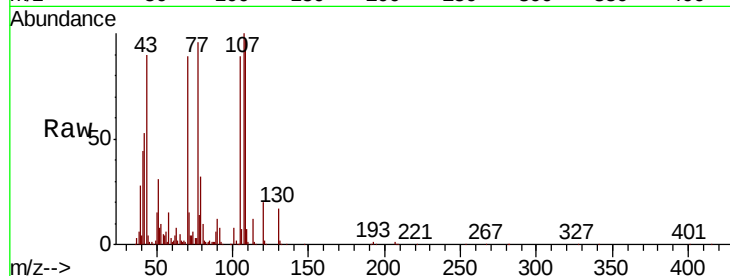




#19
n-Nitroso-di-n-propylamine
Concen: 31.563 ng
RT: 7.15 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

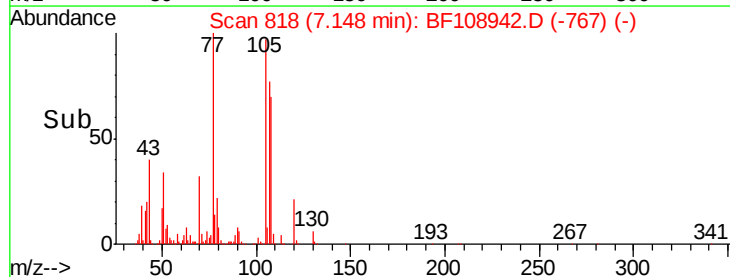
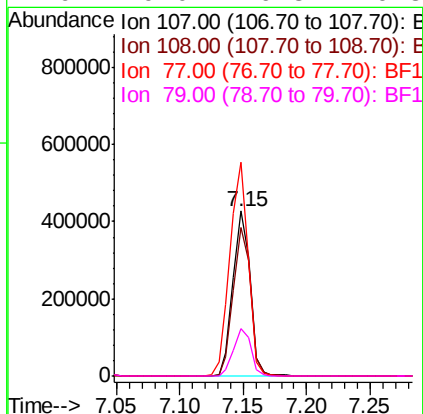
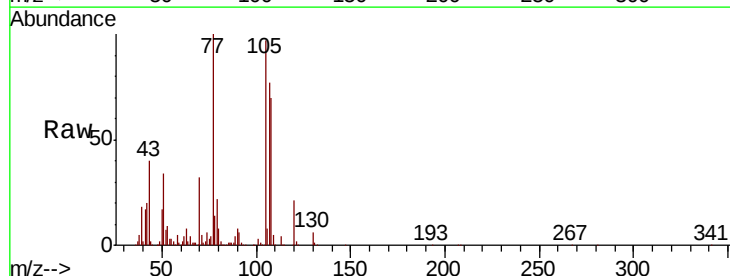
Instrument :
BNA_F
ClientSampleId :

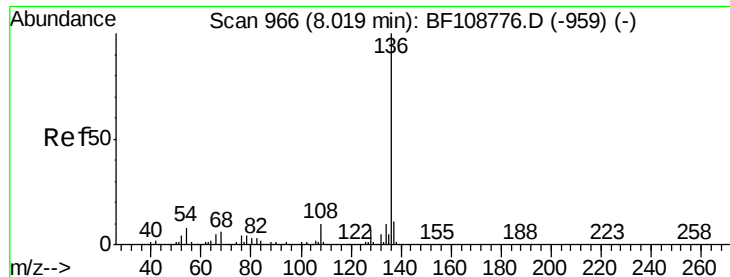
Tot Ion	Ratio	Lower	Upper
70	100		
42	59.3	47.5	71.3
101	9.4	7.4	11.2
130	18.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 34.725 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.2	108.2
77	129.5	26.7	66.7#
79	29.0	6.3	46.3

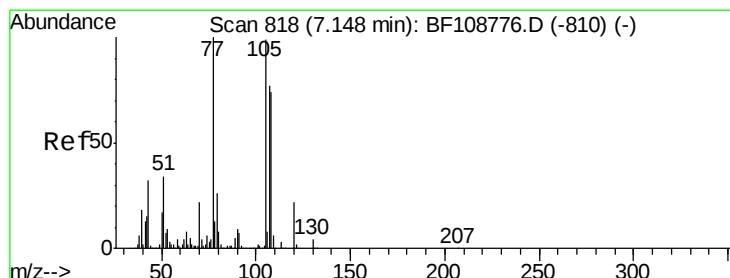
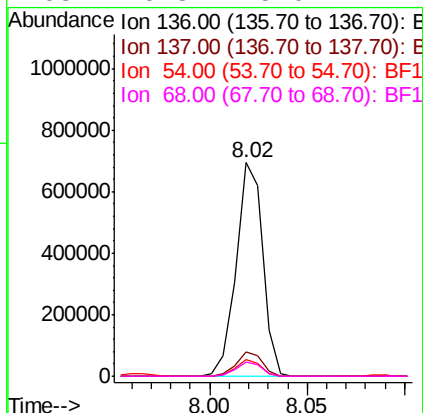
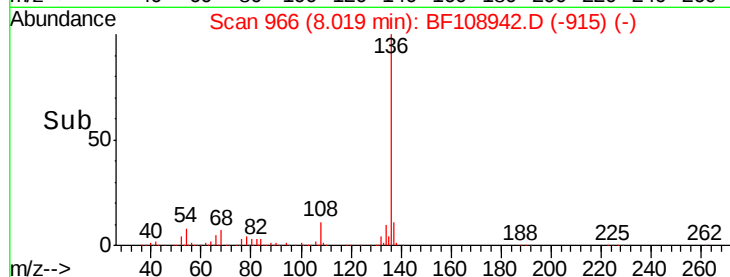
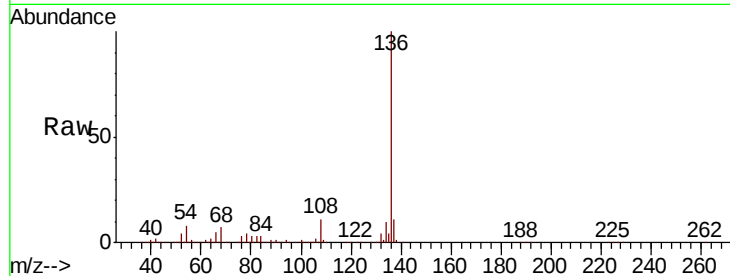




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

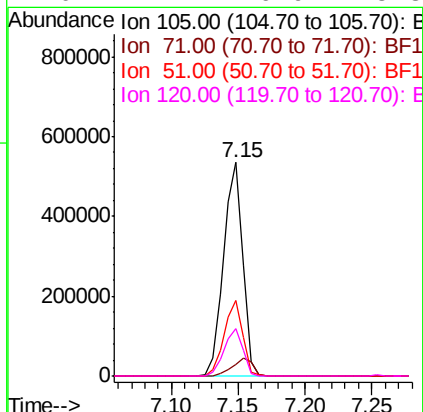
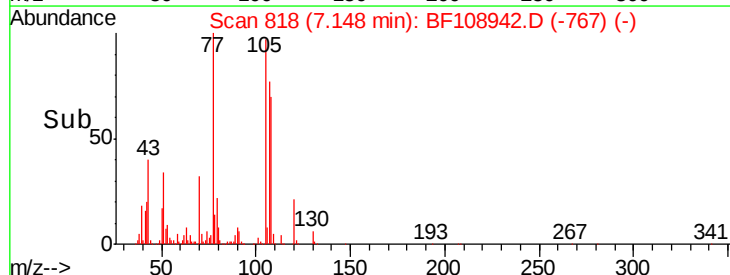
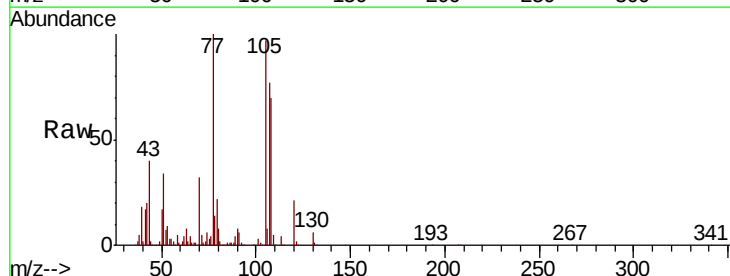
Instrument :
BNA_F
ClientSampleId :

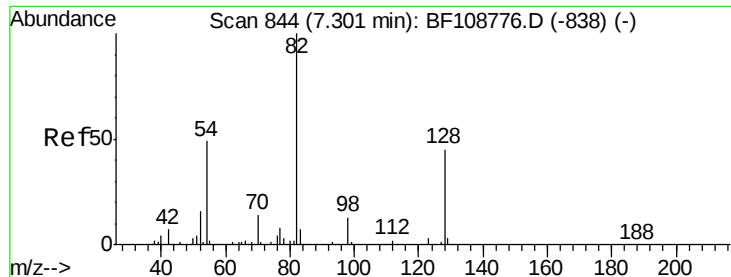
Tot Ion:136	Resp:	654159
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.9 13.3
54	8.0	6.6 9.8
68	6.8	5.0 7.4



#22
Acetophenone
Concen: 36.779 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

Tgt Ion:105	Resp:	546035
Ion	Ratio	Lower Upper
105	100	
71	5.5	4.4 6.6
51	35.6	22.3 33.5#
120	22.1	16.9 25.3





#23

Nitrobenzene-d5

Concen: 77.612 ng

RT: 7.30 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

Instrument :

BNA_F

ClientSampleId :

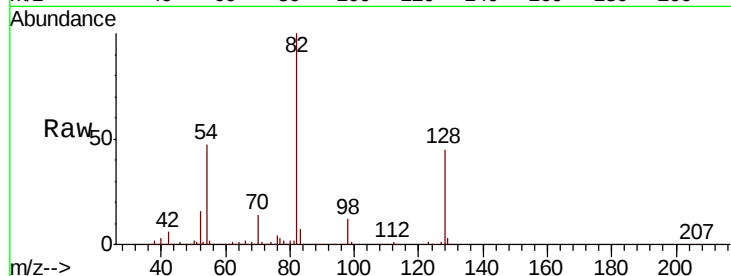
Tot Ion: 82 Resp: 811282

Ion Ratio Lower Upper

82 100

128 45.0 36.1 54.1

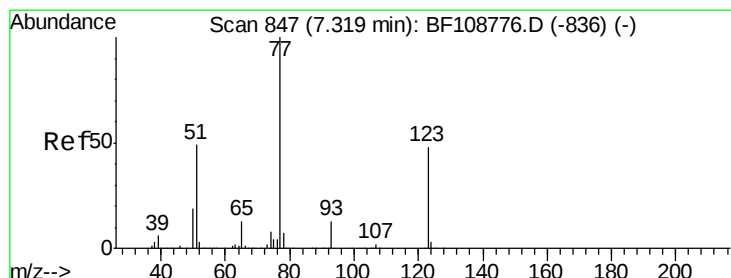
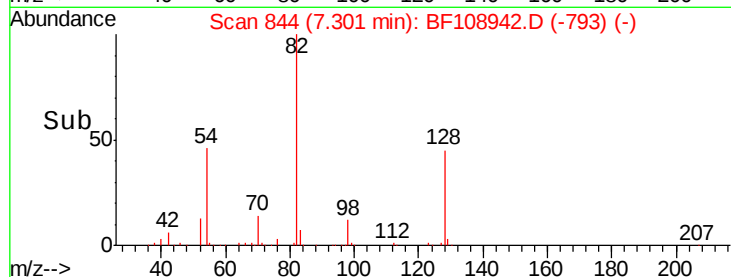
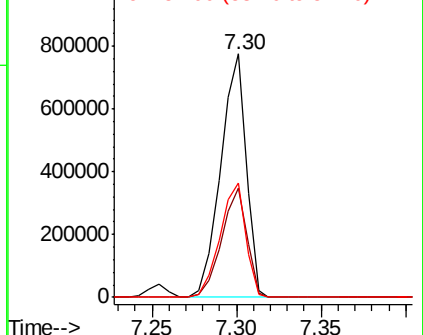
54 47.0 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 39.124 ng

RT: 7.32 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

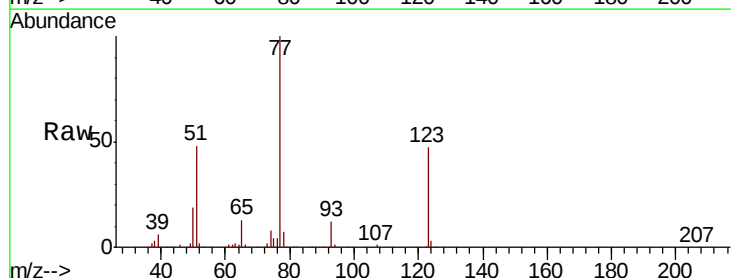
Tgt Ion: 77 Resp: 438799

Ion Ratio Lower Upper

77 100

123 46.8 37.9 56.9

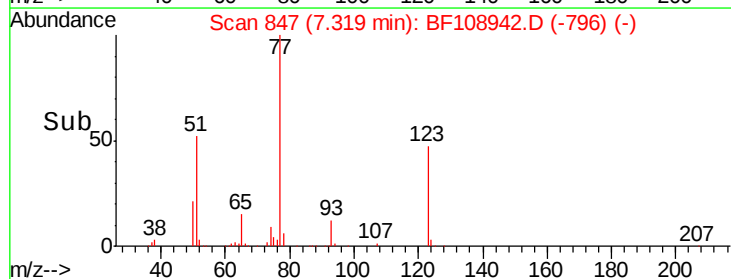
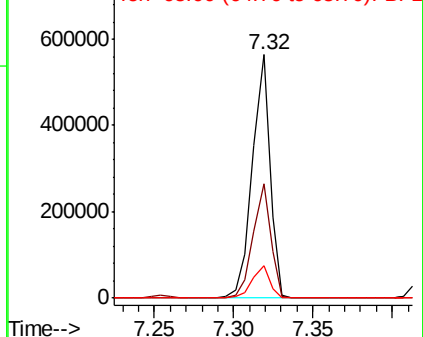
65 13.1 11.0 16.4

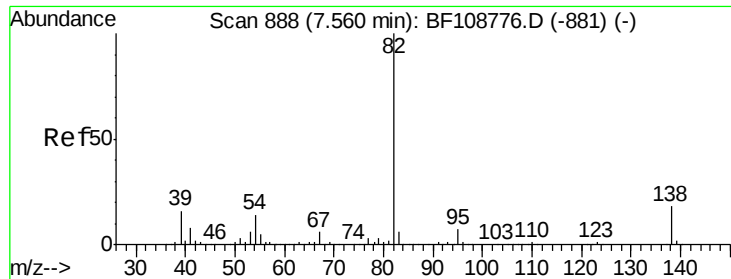


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

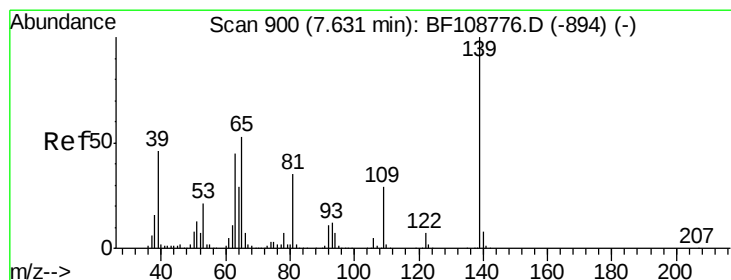
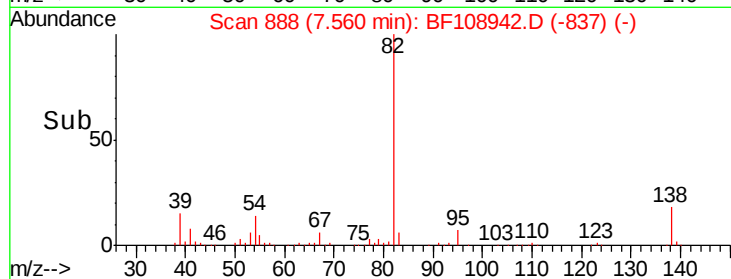
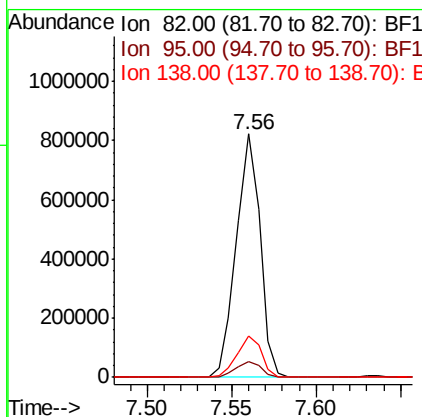
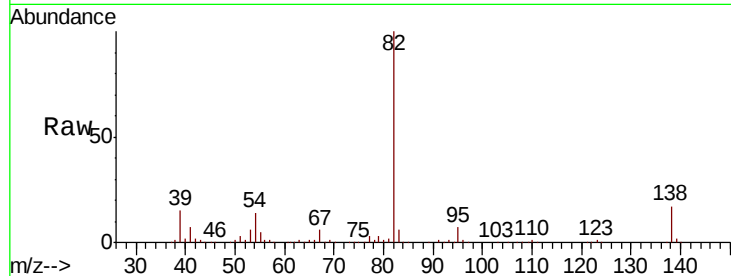




#25
Isophorone
Concen: 38.930 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

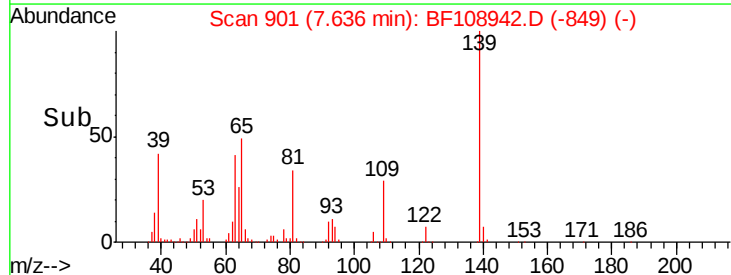
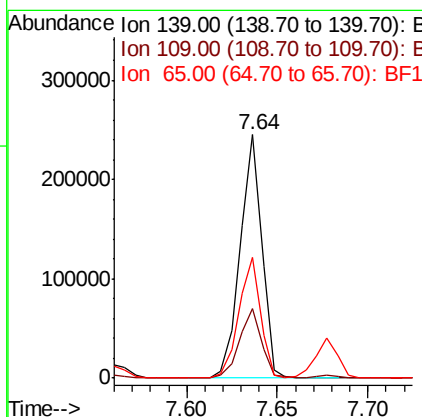
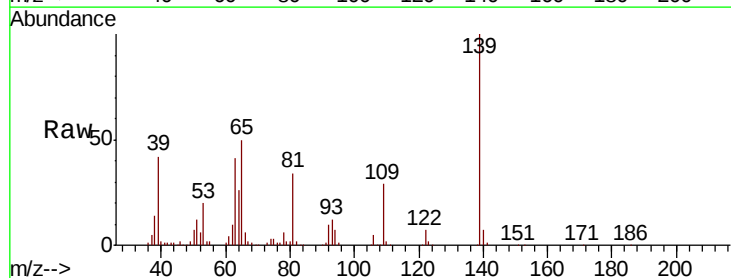
Instrument :
BNA_F
ClientSampleId :

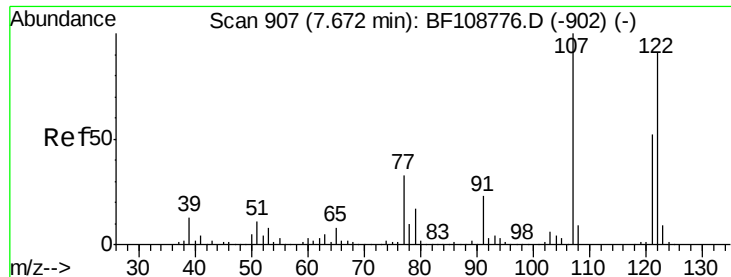
Tot Ion: 82 Resp: 811713
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 17.2 14.9 22.3



#26
2-Nitrophenol
Concen: 46.100 ng
RT: 7.64 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

Tgt Ion: 139 Resp: 203701
Ion Ratio Lower Upper
139 100
109 28.8 22.7 34.1
65 49.8 40.5 60.7

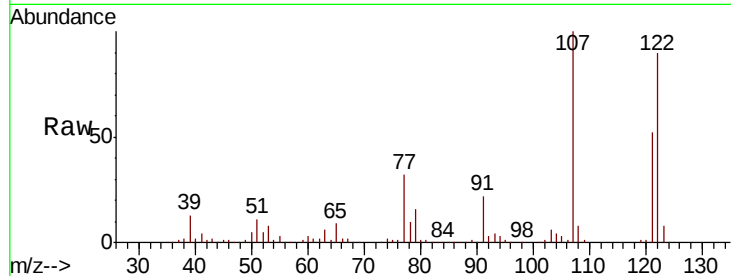




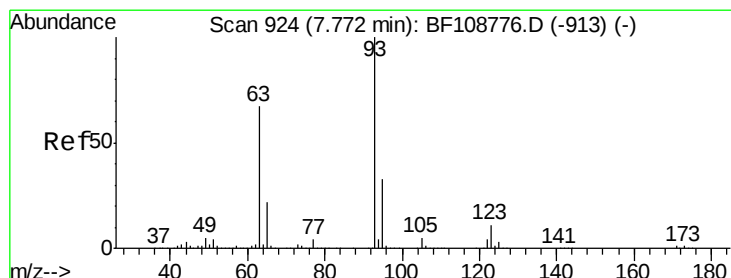
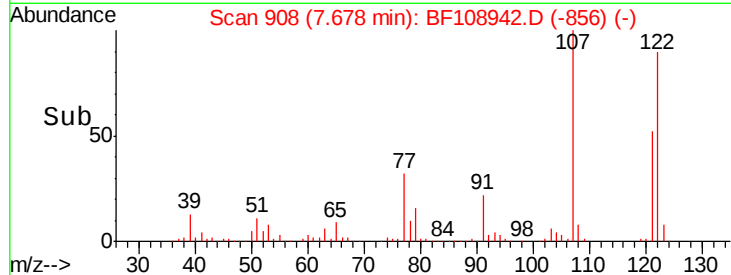
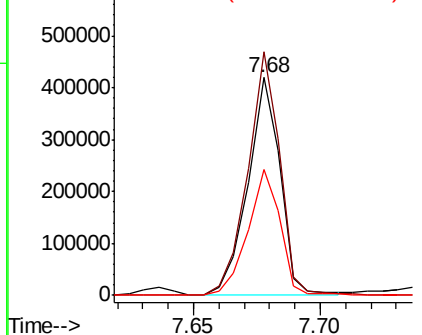
#27
 2,4-Dimethylphenol
 Concen: 41.531 ng
 RT: 7.68 min Scan# 908
 Delta R.T. 0.01 min
 Lab File: BF108942.D
 Acq: 11 Sep 2018 18:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 372661
 Ion Ratio Lower Upper
 122 100
 107 111.7 91.2 136.8
 121 57.6 47.2 70.8

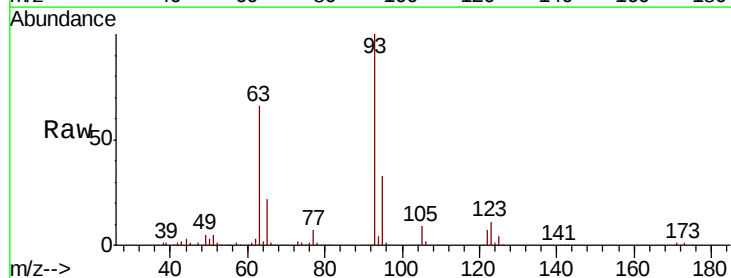


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

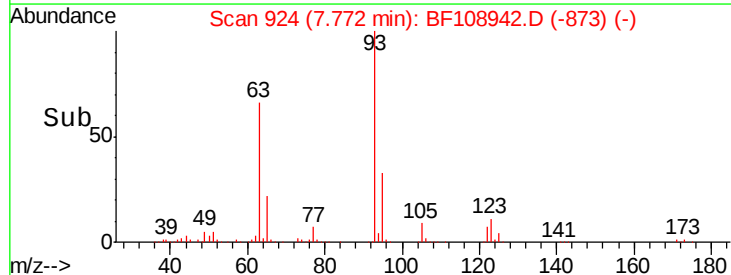
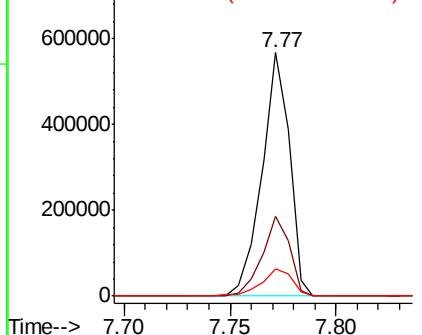


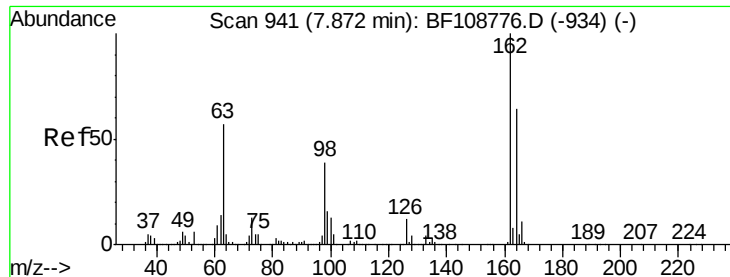
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.916 ng
 RT: 7.77 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BF108942.D
 Acq: 11 Sep 2018 18:24

Tgt Ion: 93 Resp: 514615
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.3 39.5
 123 11.2 9.8 14.6



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

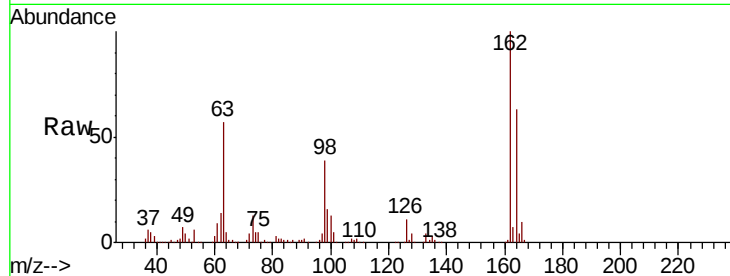




#29
2,4-Dichlorophenol
Concen: 37.270 ng
RT: 7.88 min Scan# 942
Delta R.T. 0.01 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	42.7	82.7
98	38.9	18.1	58.1

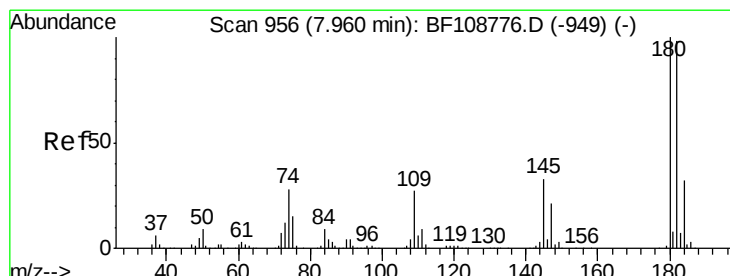
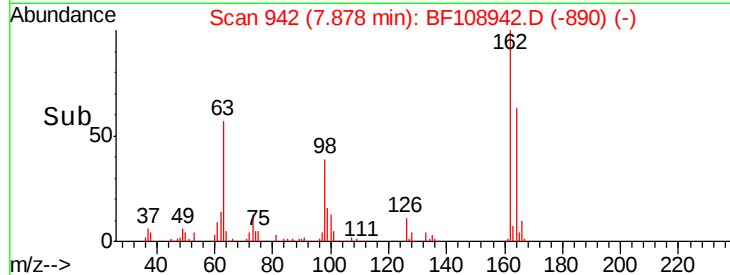
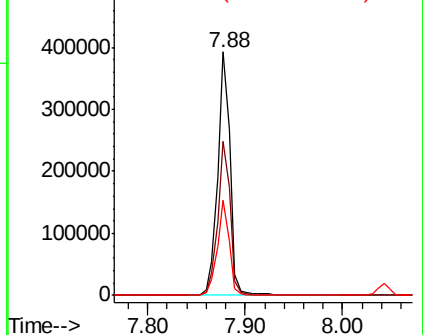


Abundance

Ion 162.00 (161.70 to 162.70): E

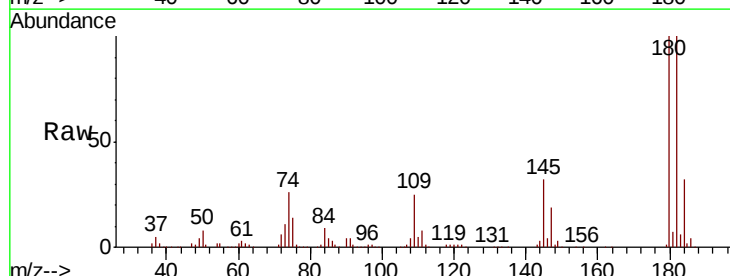
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 34.865 ng
RT: 7.97 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.2	76.8	115.2
145	31.9	26.5	39.7

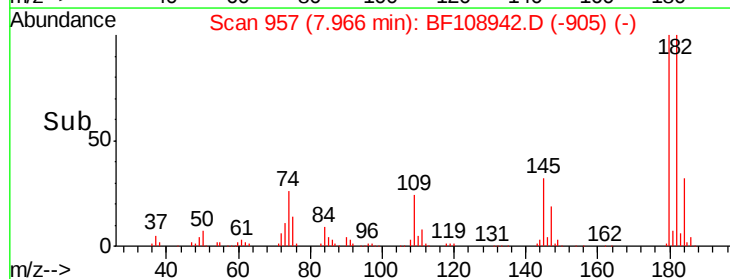
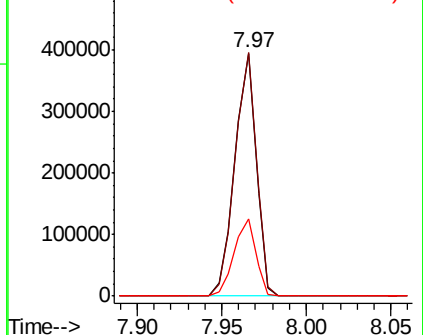


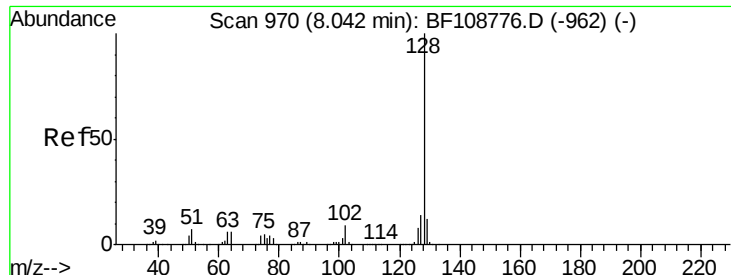
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

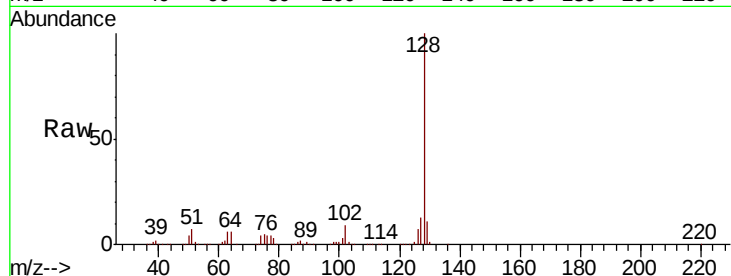




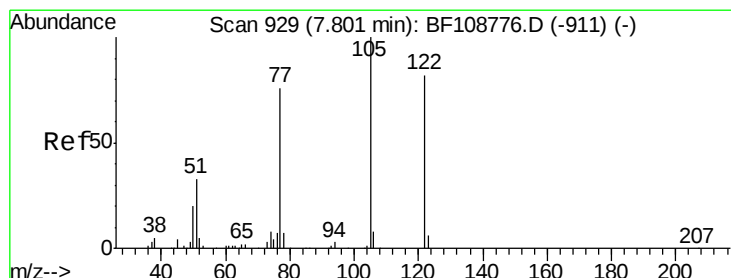
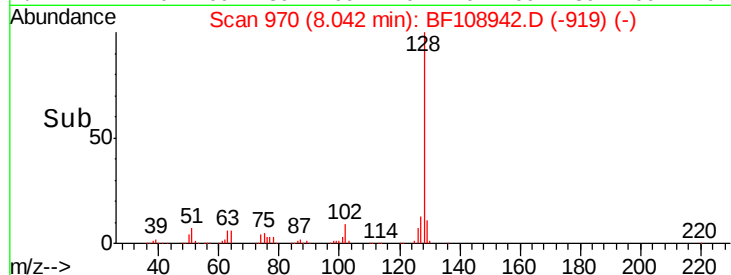
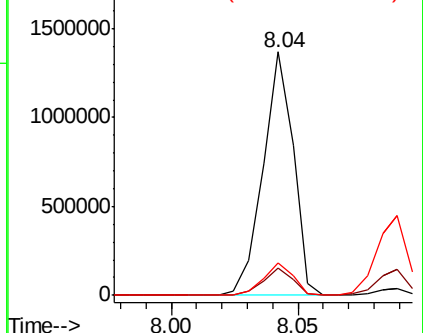
#31
Naphthalene
Concen: 38.989 ng
RT: 8.04 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1147489
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.4 10.9 16.3

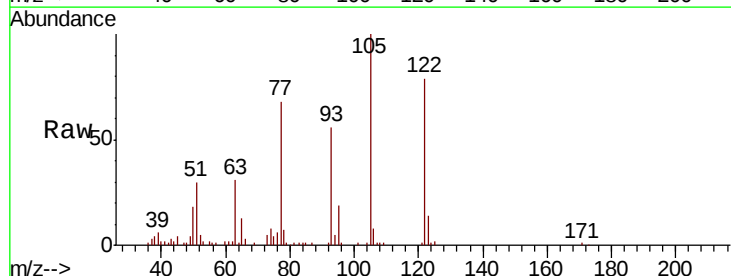


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

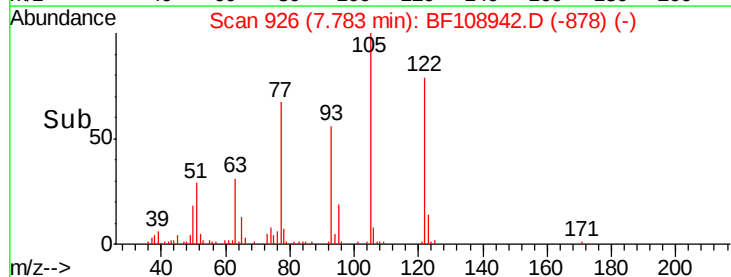
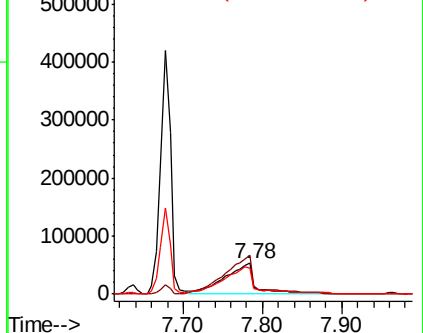


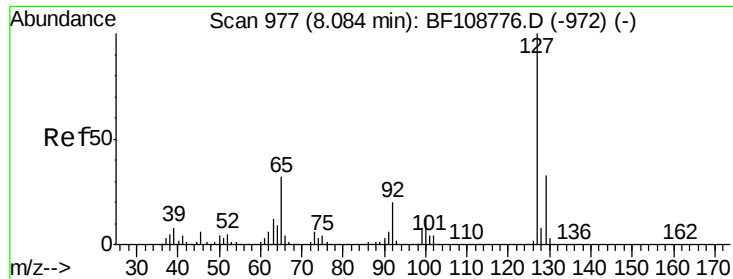
#32
Benzoic acid
Concen: 27.539 ng
RT: 7.78 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

Tgt Ion:122 Resp: 142243
Ion Ratio Lower Upper
122 100
105 125.9 101.1 141.1
77 85.7 70.7 110.7



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

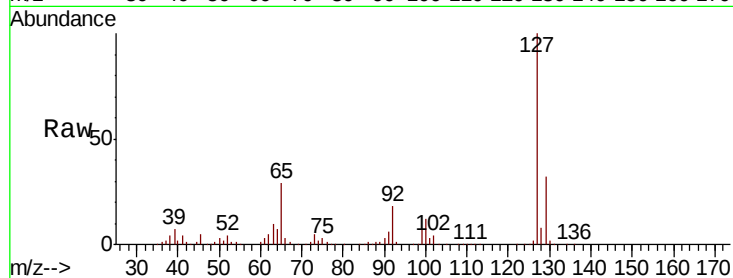




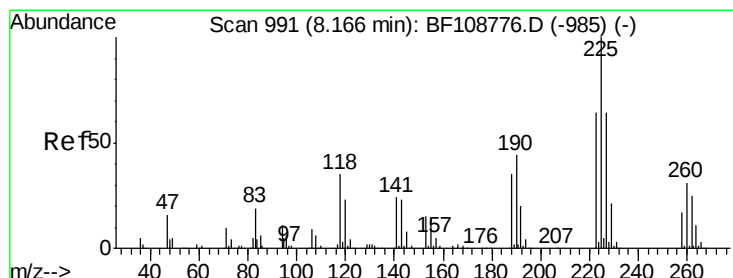
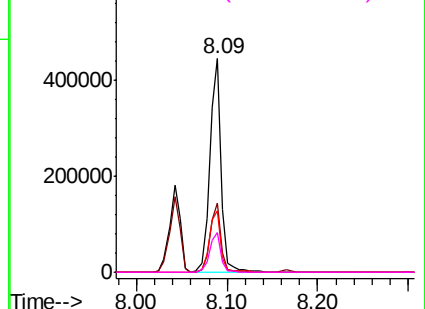
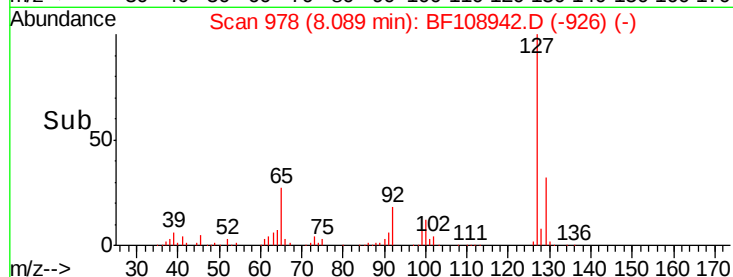
#33
4-Chloroaniline
Concen: 29.027 ng
RT: 8.09 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	392348
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	28.5	25.0	37.4
92	18.3	15.2	22.8

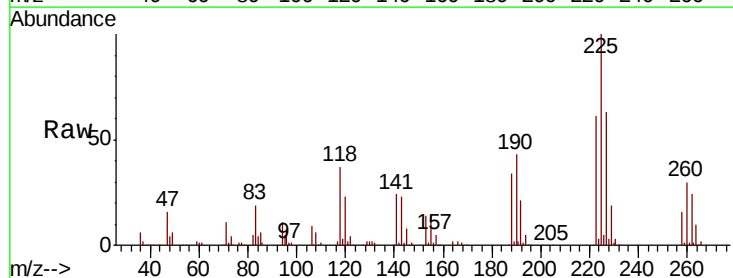


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

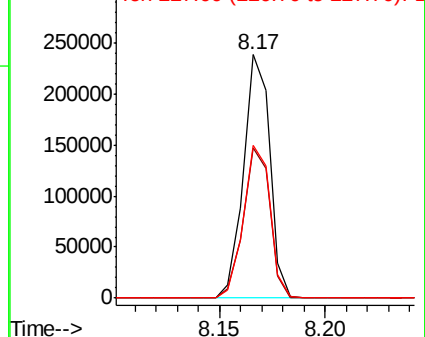
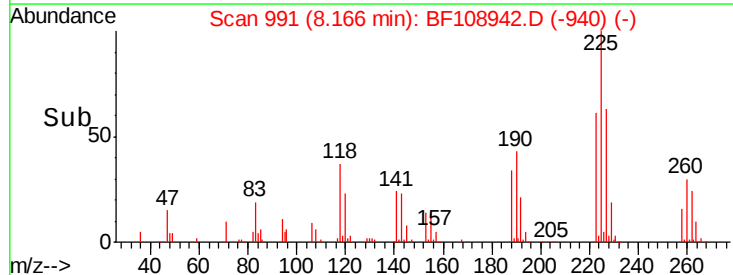


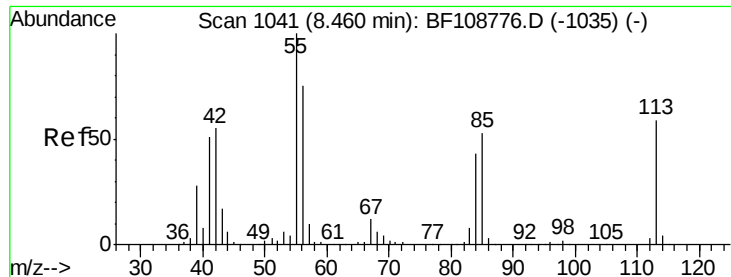
#34
Hexachlorobutadiene
Concen: 34.307 ng
RT: 8.17 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

Tgt Ion:	225	Resp:	205503
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.6	76.0
227	62.6	51.9	77.9



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

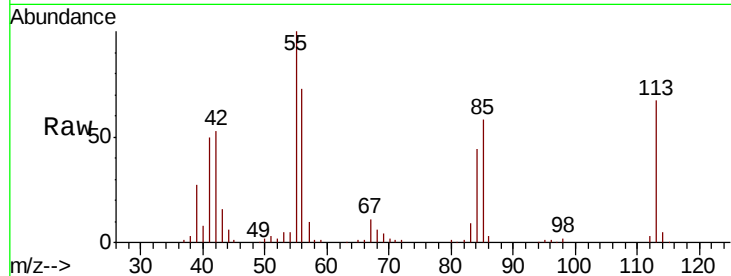




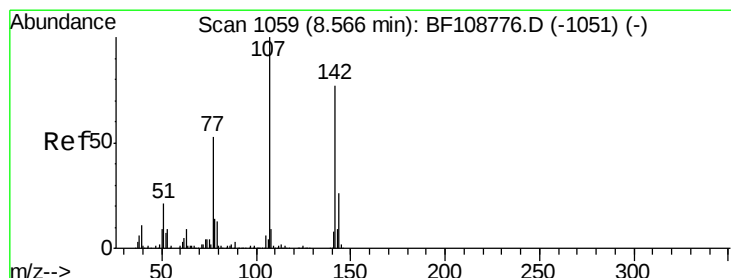
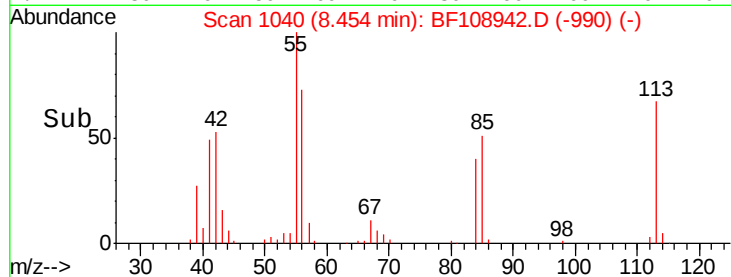
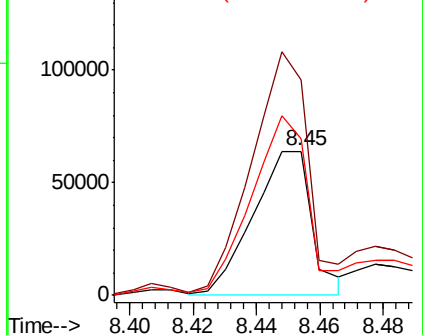
#35
 Caprolactam
 Concen: 26.456 ng
 RT: 8.45 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF108942.D
 Acq: 11 Sep 2018 18:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 82945
 Ion Ratio Lower Upper
 113 100
 55 149.3 163.3 203.3#
 56 108.7 115.7 155.7#

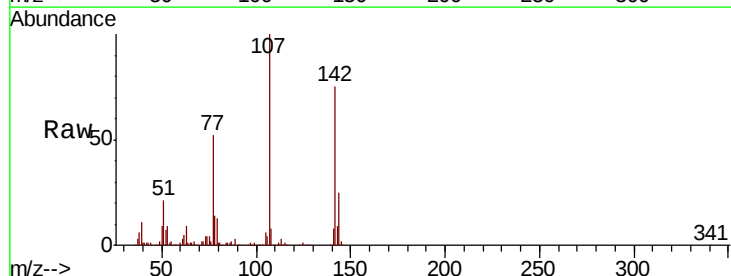


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

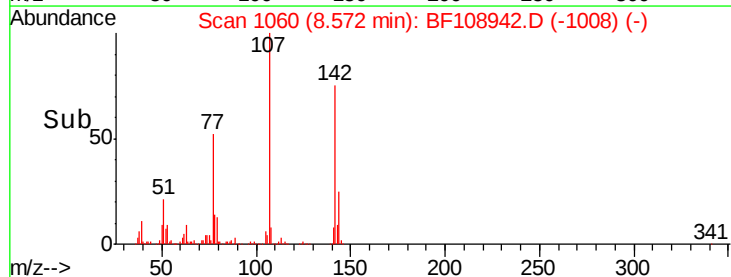
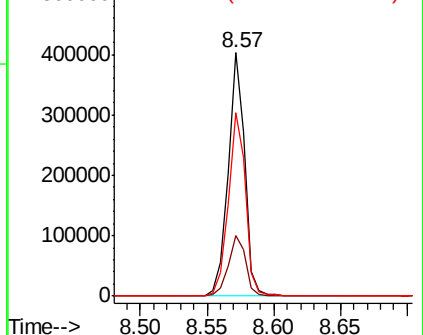


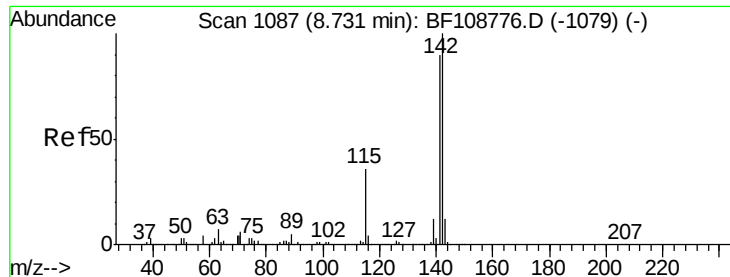
#36
 4-Chloro-3-methylphenol
 Concen: 35.929 ng
 RT: 8.57 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF108942.D
 Acq: 11 Sep 2018 18:24

Tgt Ion:107 Resp: 354126
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.5 30.7
 142 75.5 62.0 93.0



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

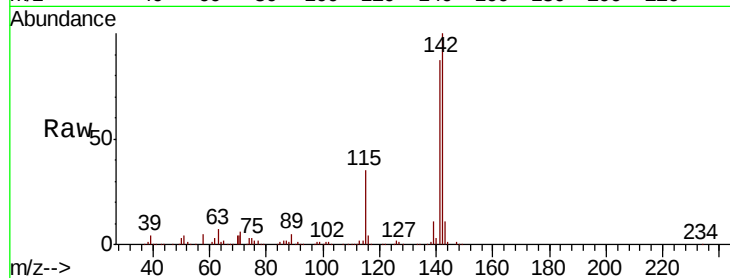




#37
 2-Methylnaphthalene
 Concen: 38.842 ng
 RT: 8.73 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BF108942.D
 Acq: 11 Sep 2018 18:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.8	106.2
115	34.9	26.1	39.1

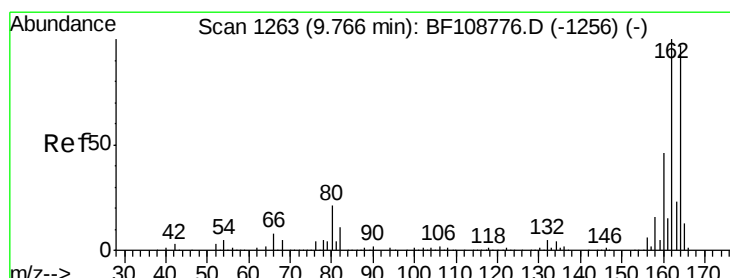
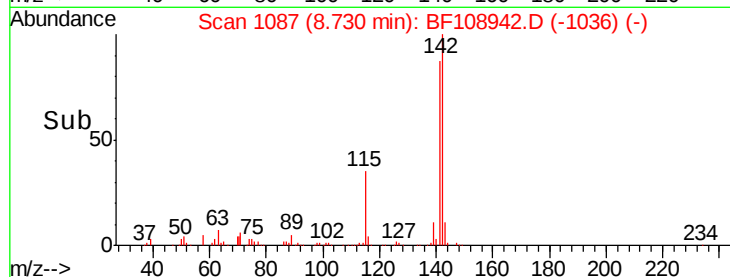
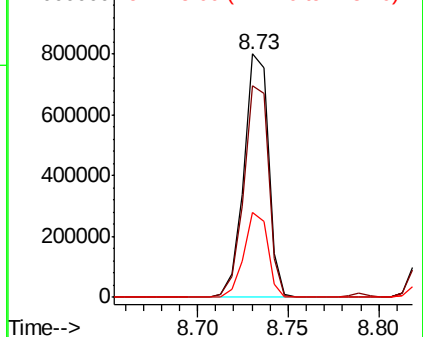


Abundance

Ion 142.00 (141.70 to 142.70): E

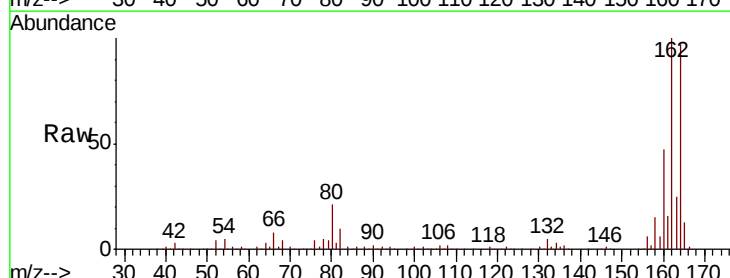
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BF108942.D
 Acq: 11 Sep 2018 18:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	48.0	38.3	57.5

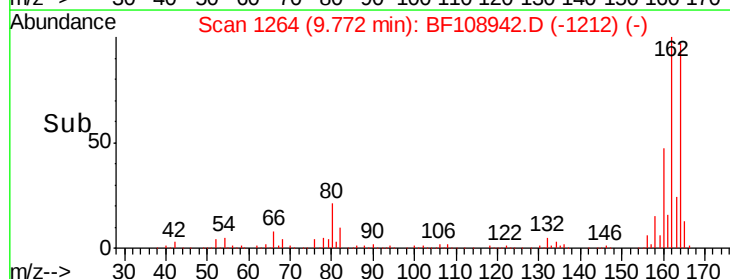
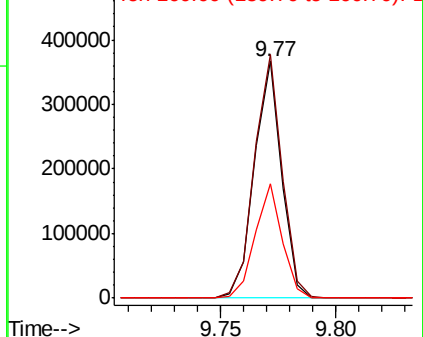


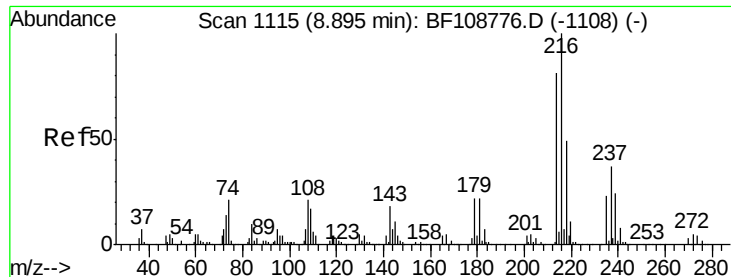
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.110 ng

RT: 8.90 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 326313

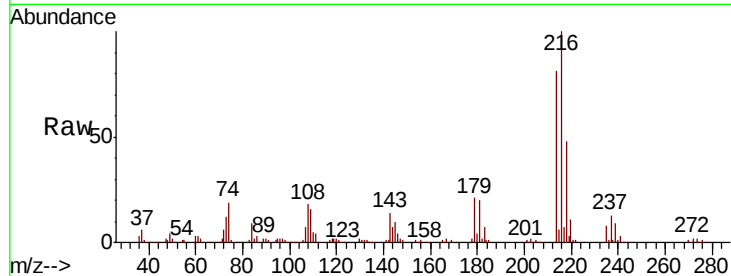
Ion Ratio Lower Upper

216 100

214 80.4 63.0 94.4

179 20.8 18.1 27.1

108 19.9 17.2 25.8

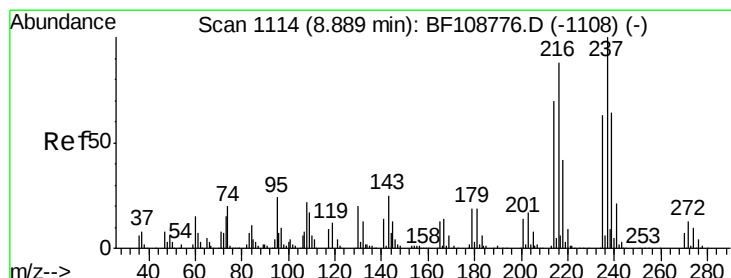
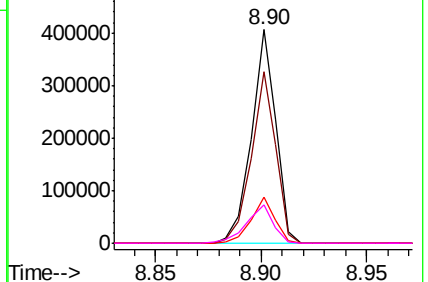
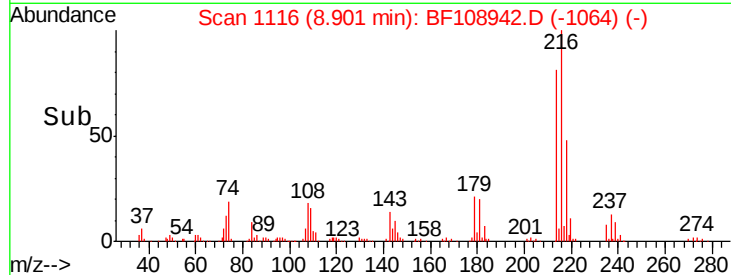


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 54.307 ng

RT: 8.90 min Scan# 1115

Delta R.T. 0.01 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

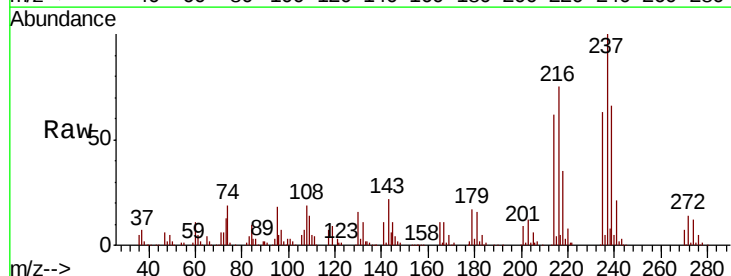
Tgt Ion:237 Resp: 246888

Ion Ratio Lower Upper

237 100

235 63.3 44.8 84.8

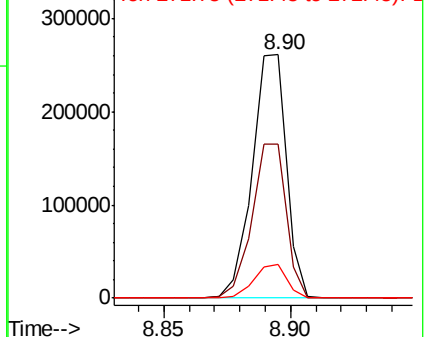
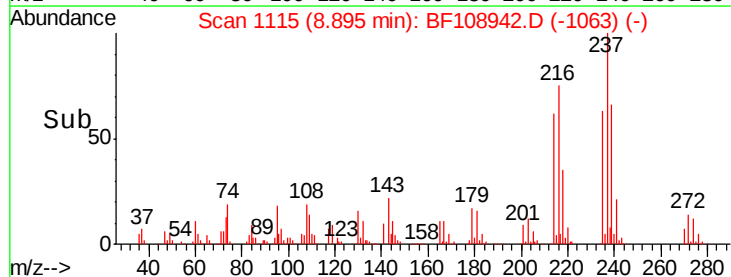
272 13.8 0.0 33.3

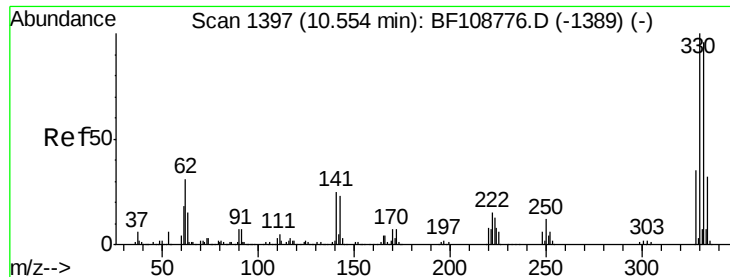


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

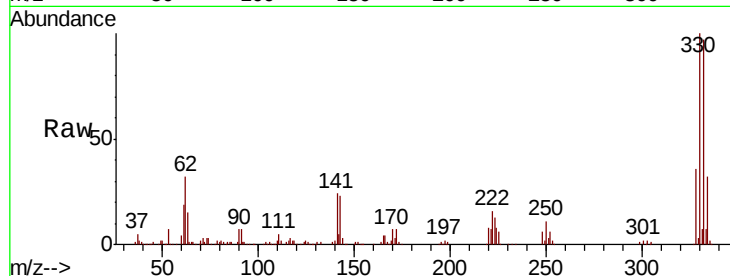




#41
 2,4,6-Tribromophenol
 Concen: 99.071 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: BF108942.D
 Acq: 11 Sep 2018 18:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	32.1	29.9	44.9

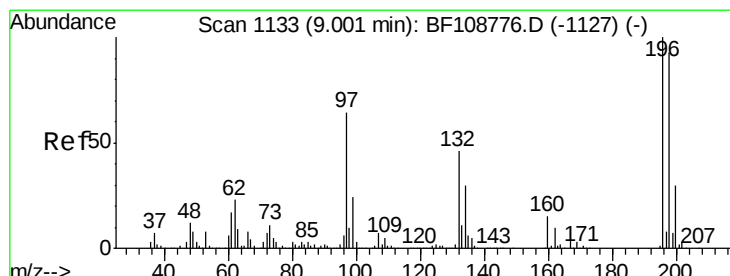
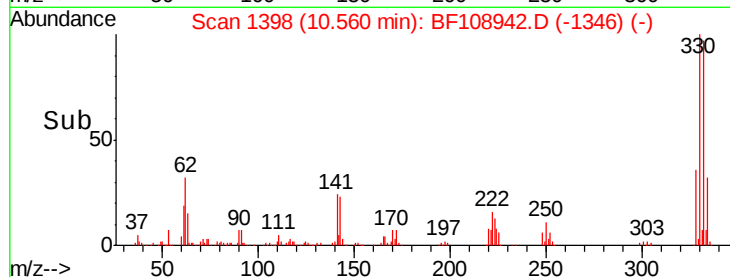
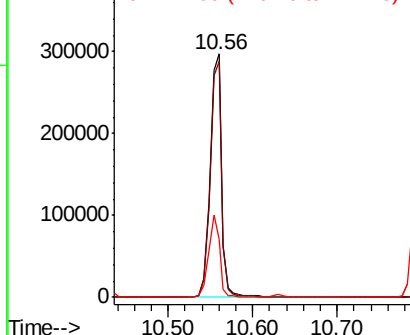


Abundance

Ion 329.80 (329.50 to 330.50): E

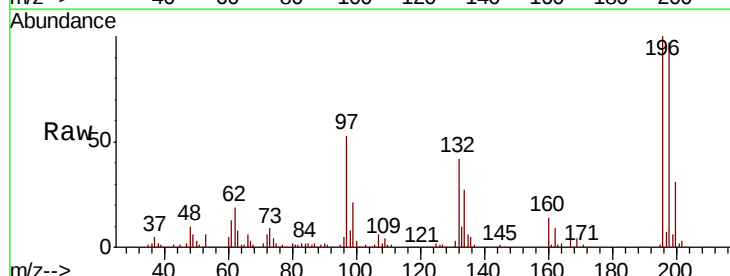
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 38.539 ng
 RT: 9.01 min Scan# 1135
 Delta R.T. 0.01 min
 Lab File: BF108942.D
 Acq: 11 Sep 2018 18:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	75.7	113.5
200	30.9	24.5	36.7

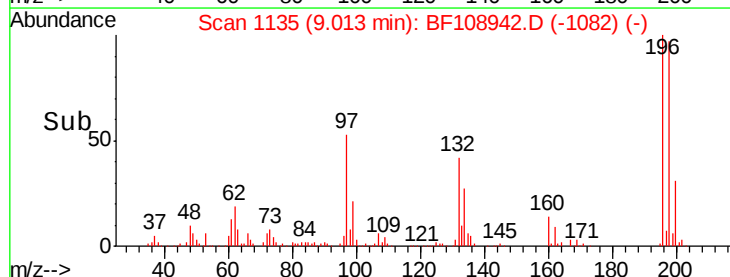
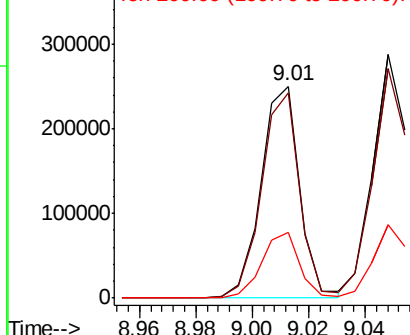


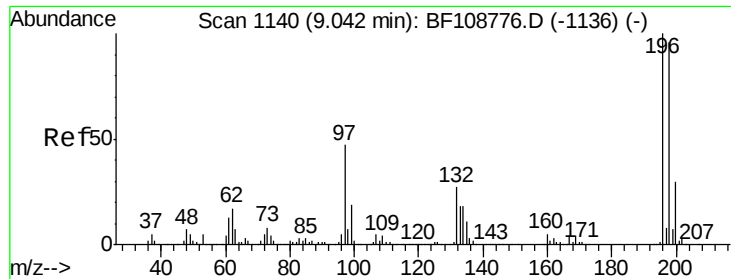
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

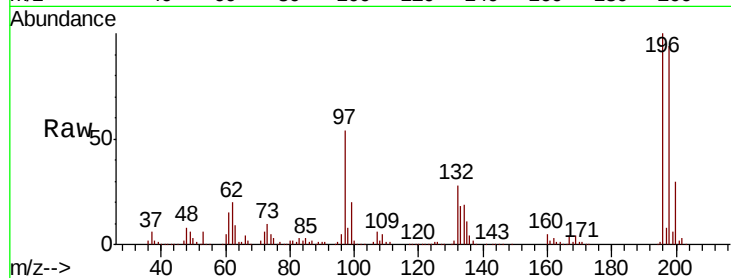




#43
 2,4,5-Trichlorophenol
 Concen: 39.321 ng
 RT: 9.05 min Scan# 1141
 Delta R.T. 0.01 min
 Lab File: BF108942.D
 Acq: 11 Sep 2018 18:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.4	74.6	112.0
97	53.5	42.9	64.3
132	28.4	26.3	39.5



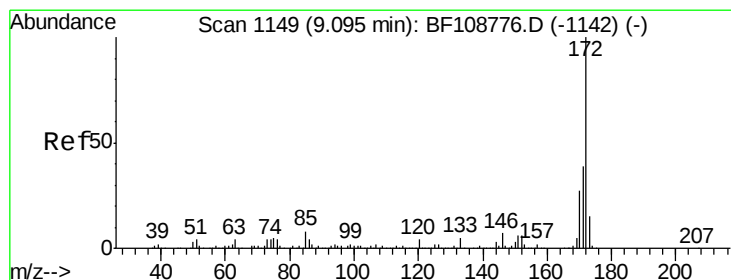
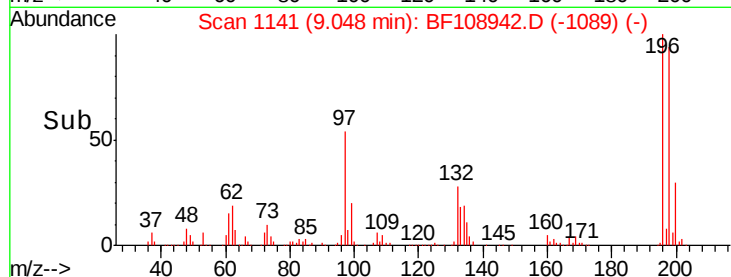
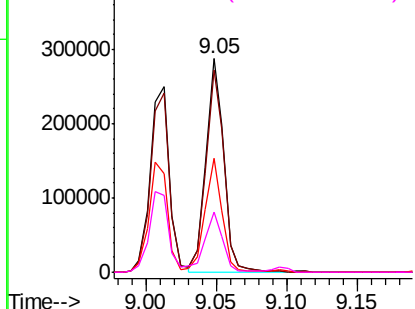
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

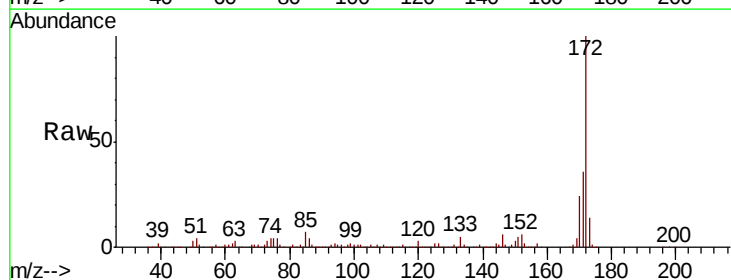
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.165 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108942.D
 Acq: 11 Sep 2018 18:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.3	19.6	29.4

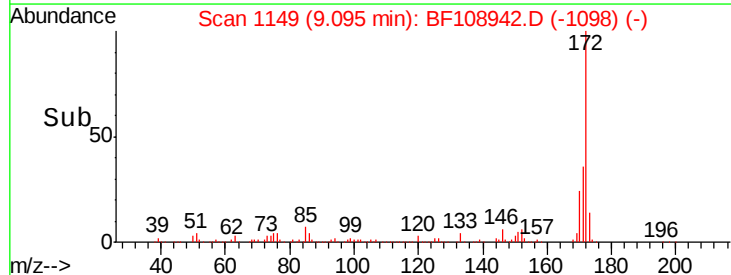
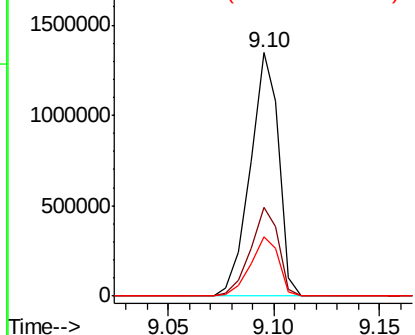


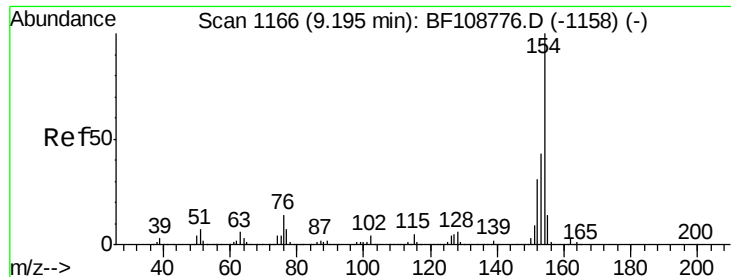
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

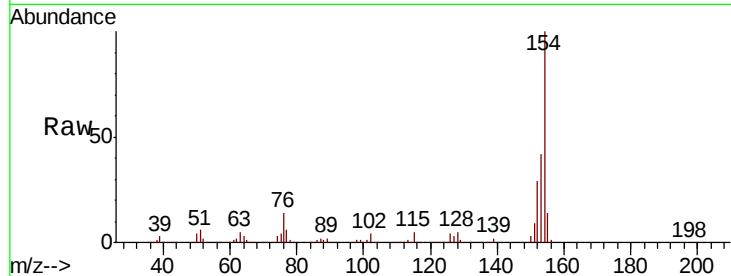




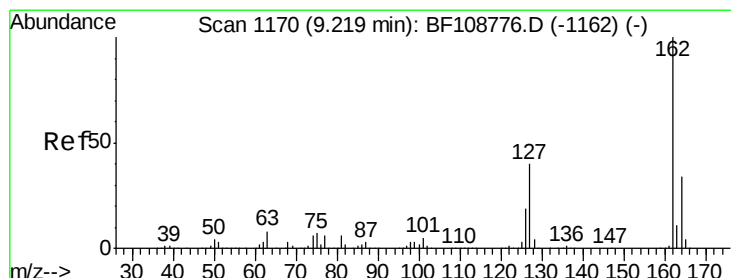
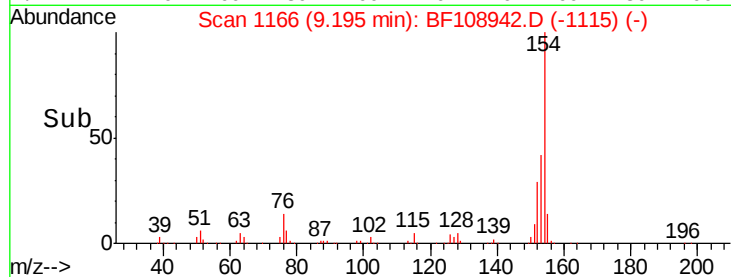
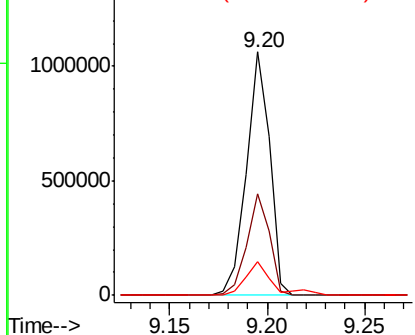
#45
 1,1'-Biphenyl
 Concen: 37.755 ng
 RT: 9.20 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF108942.D
 Acq: 11 Sep 2018 18:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.3	61.3
76	13.8	0.0	34.0

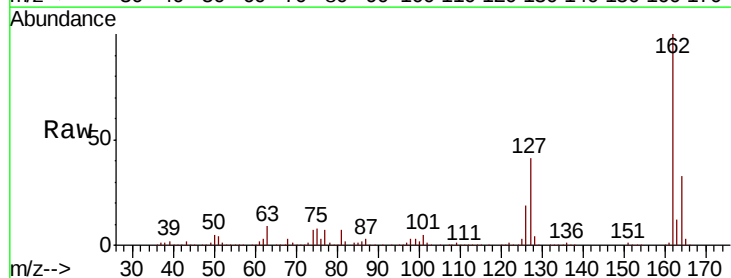


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

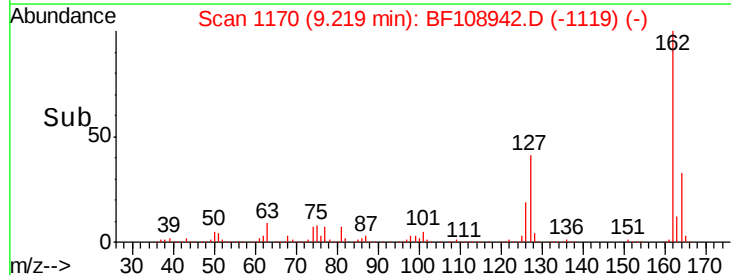
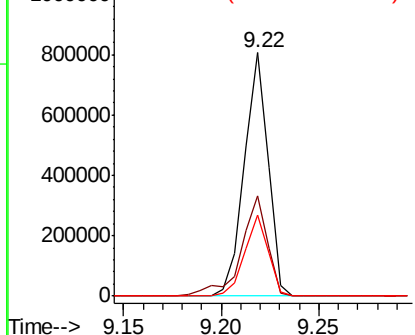


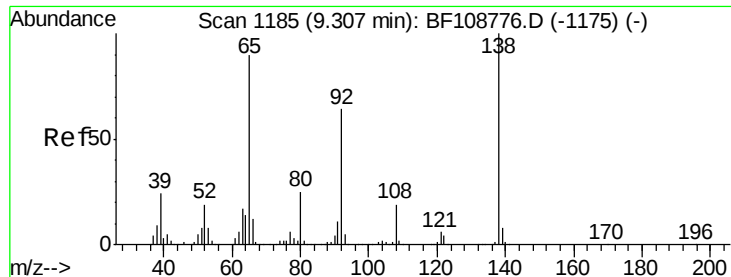
#46
 2-Chloronaphthalene
 Concen: 36.238 ng
 RT: 9.22 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF108942.D
 Acq: 11 Sep 2018 18:24

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.9	50.9
164	33.2	26.5	39.7



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

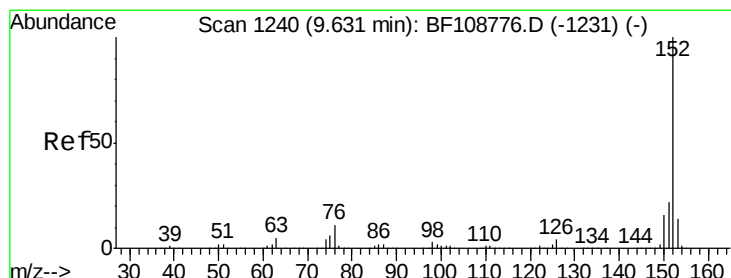
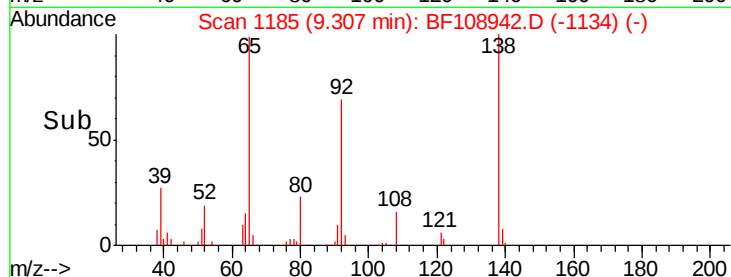
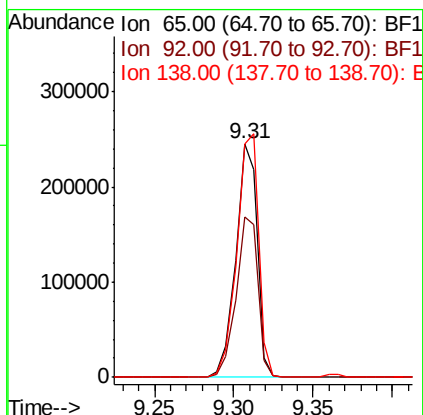
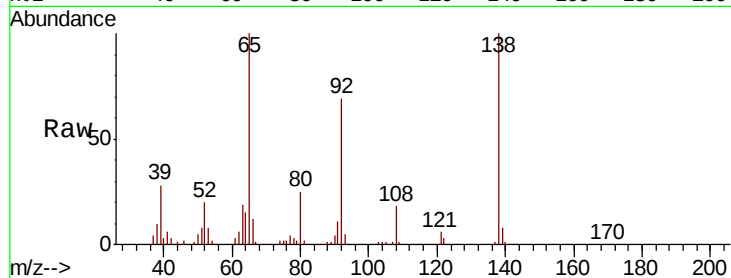




#47
2-Nitroaniline
Concen: 44.607 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

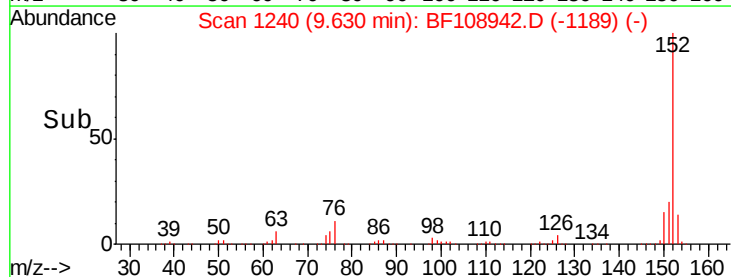
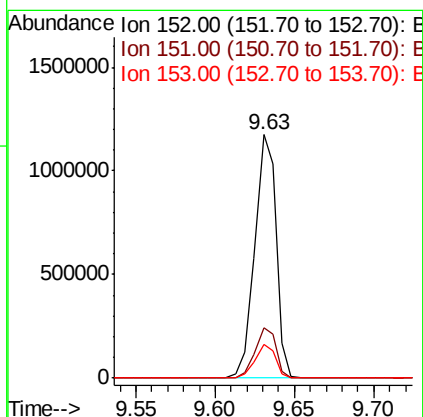
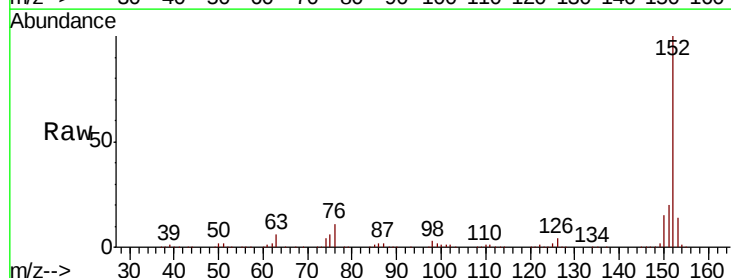
Instrument :
BNA_F
ClientSampleId :

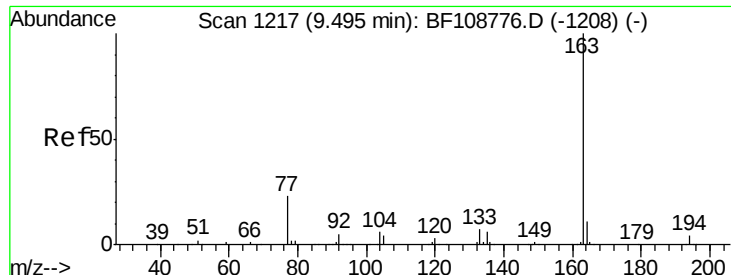
Tot Ion: 65 Resp: 229366
Ion Ratio Lower Upper
65 100
92 68.5 55.8 83.6
138 99.9 91.2 136.8



#48
Acenaphthylene
Concen: 39.115 ng
RT: 9.63 min Scan# 1240
Delta R.T. -0.00 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

Tgt Ion: 152 Resp: 1097404
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.7 10.7 16.1

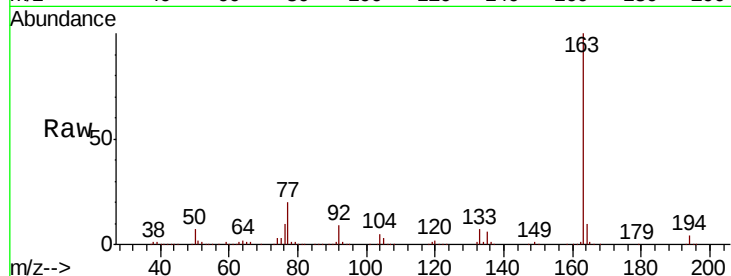




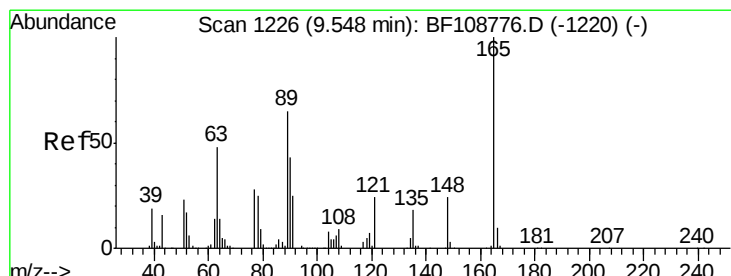
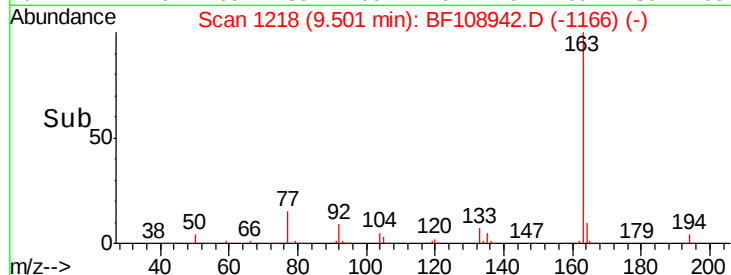
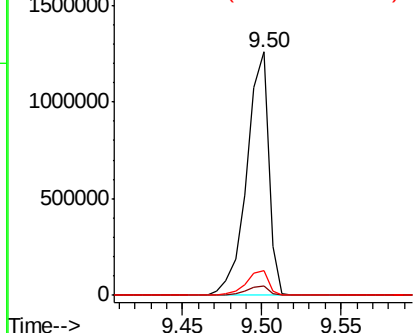
#49
Dimethylphthalate
Concen: 56.747 ng
RT: 9.50 min Scan# 1218
Delta R.T. 0.01 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1199855
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.2 8.2 12.2

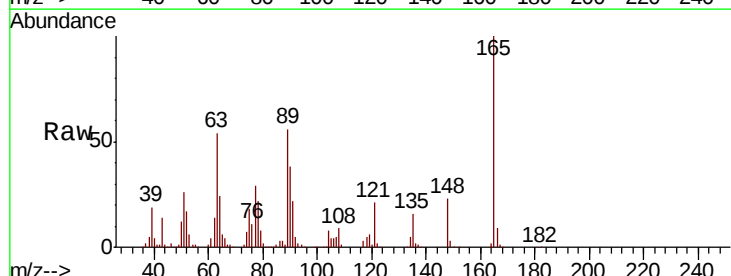


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

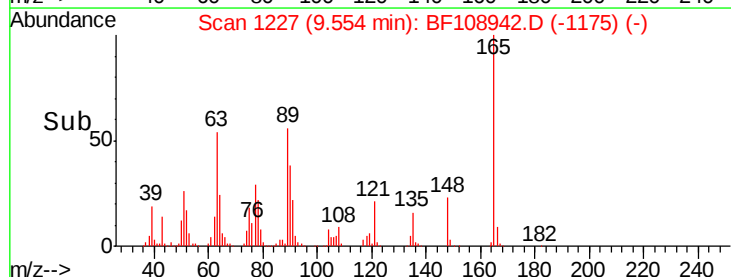
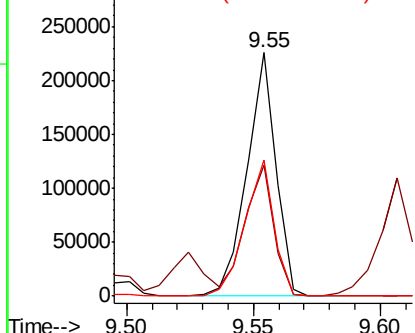


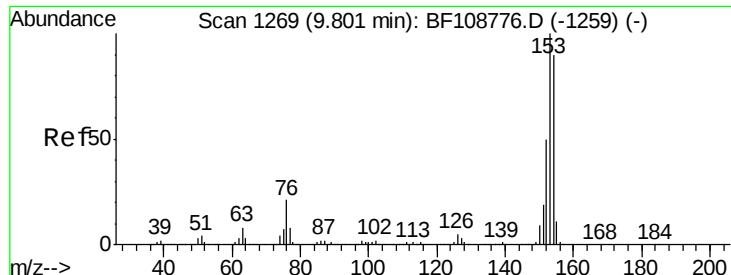
#50
2,6-Dinitrotoluene
Concen: 44.810 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

Tgt Ion:165 Resp: 180541
Ion Ratio Lower Upper
165 100
63 53.7 44.7 67.1
89 55.7 44.0 66.0



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





#51

Acenaphthene

Concen: 38.314 ng

RT: 9.81 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

Instrument :

BNA_F

ClientSampleId :

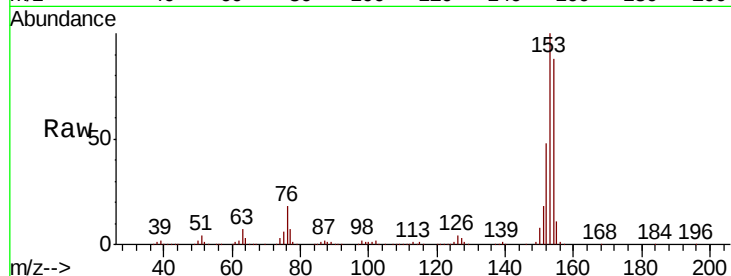
Tot Ion:154 Resp: 665188

Ion Ratio Lower Upper

154 100

153 113.5 91.2 136.8

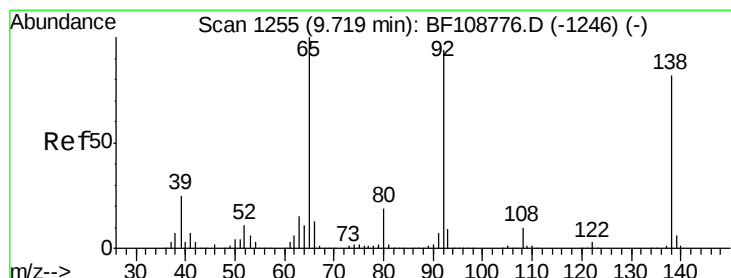
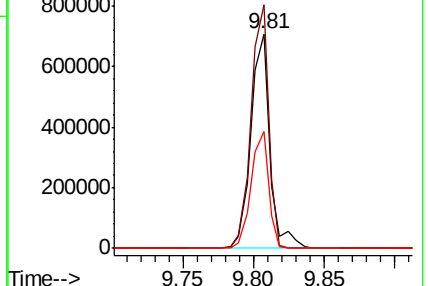
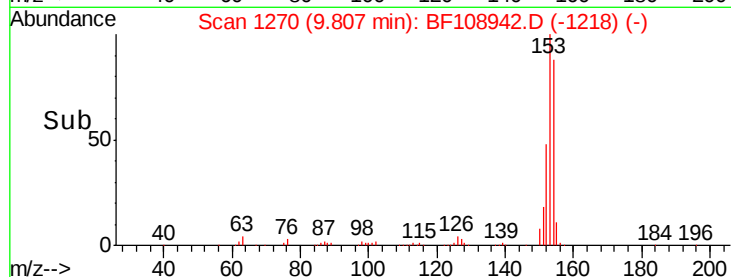
152 54.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.683 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

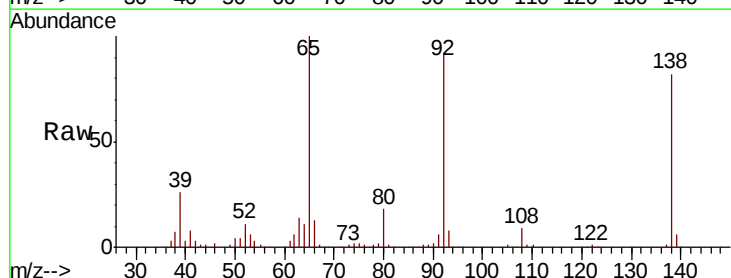
Tgt Ion:138 Resp: 166341

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

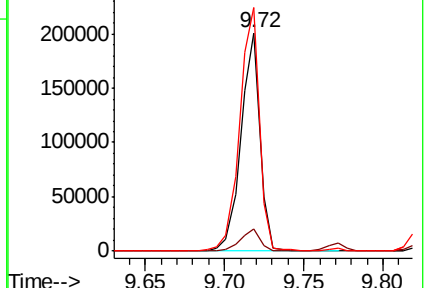
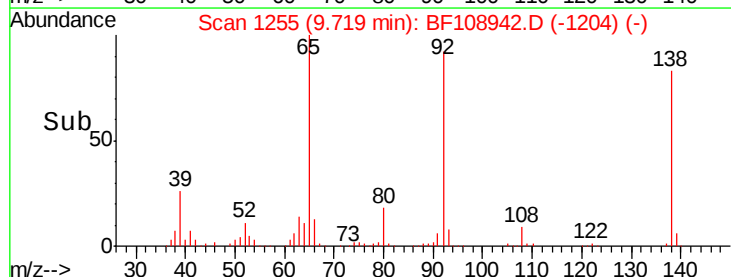
92 111.4 89.4 134.2

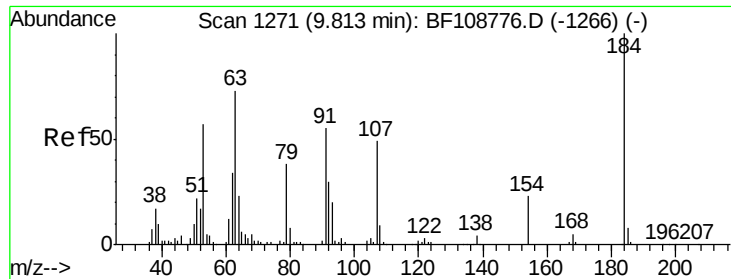


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

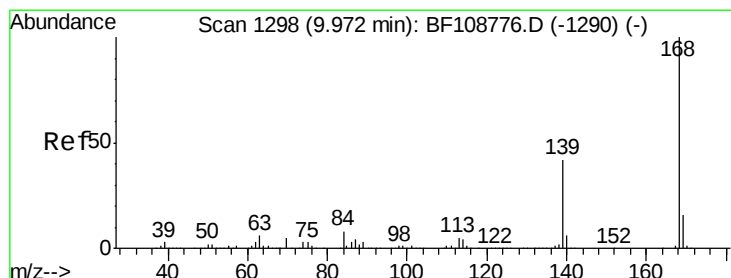
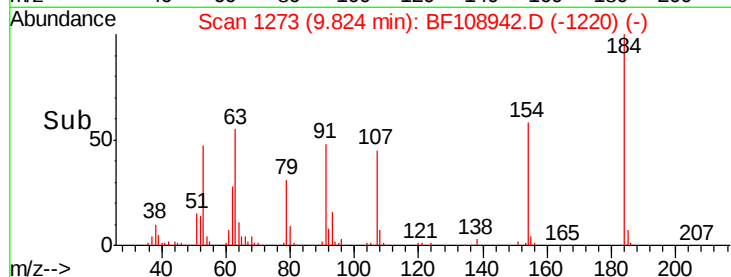
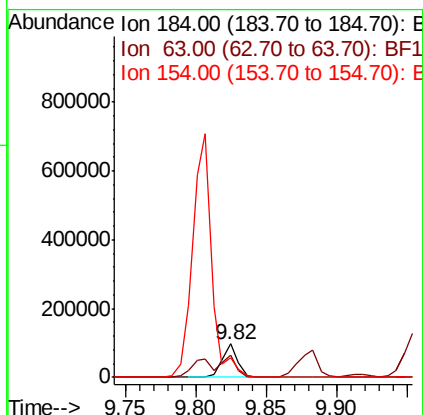
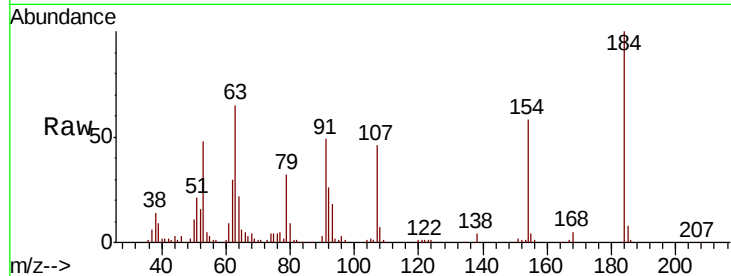




#53
 2,4-Dinitrophenol
 Concen: 53.851 ng
 RT: 9.82 min Scan# 1273
 Delta R.T. 0.01 min
 Lab File: BF108942.D
 Acq: 11 Sep 2018 18:24

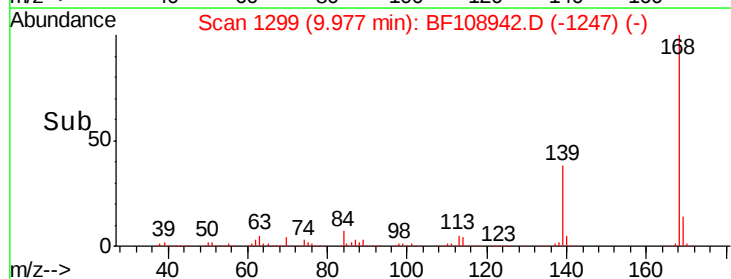
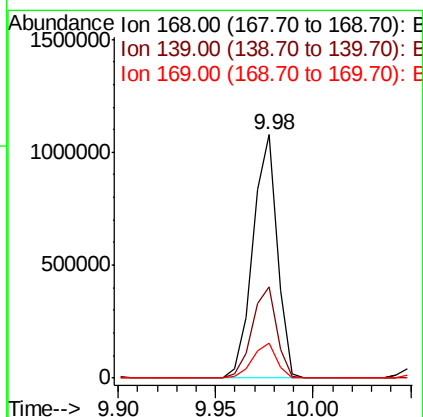
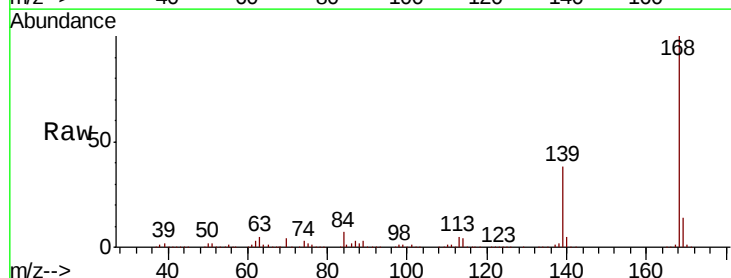
Instrument :
 BNA_F
 ClientSampleId :

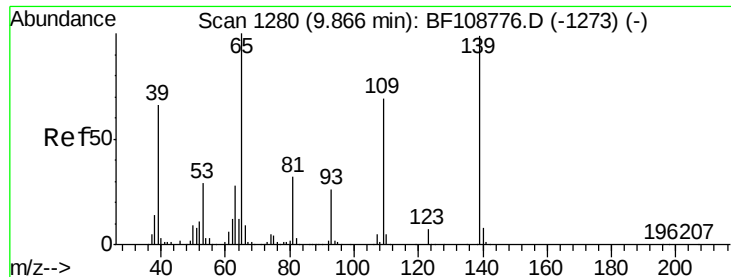
Tot Ion:184 Resp: 74611
 Ion Ratio Lower Upper
 184 100
 63 64.8 54.2 81.2
 154 57.9 184.0 276.0#



#54
 Dibenzofuran
 Concen: 36.736 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. 0.01 min
 Lab File: BF108942.D
 Acq: 11 Sep 2018 18:24

Tgt Ion:168 Resp: 929704
 Ion Ratio Lower Upper
 168 100
 139 37.7 30.1 45.1
 169 14.3 10.9 16.3

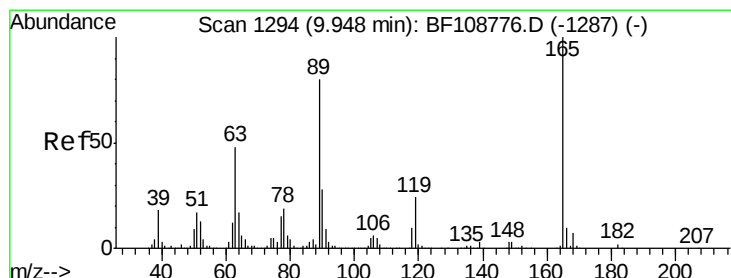
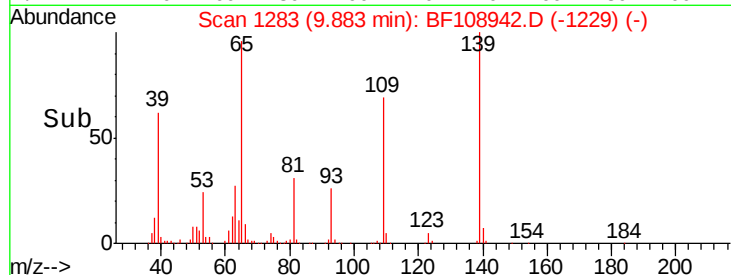
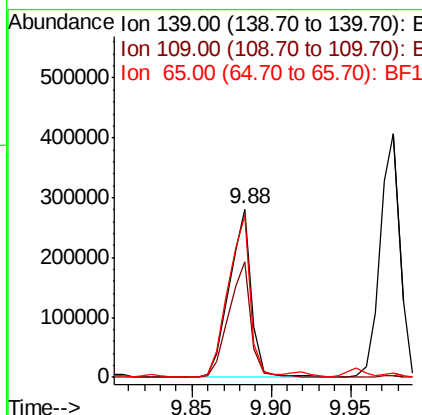
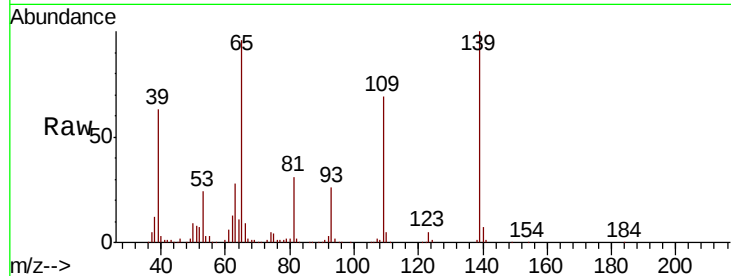




#55
4-Nitrophenol
Concen: 76.168 ng
RT: 9.88 min Scan# 1283
Delta R.T. 0.02 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

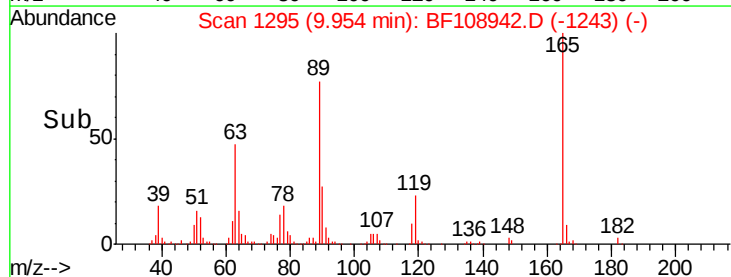
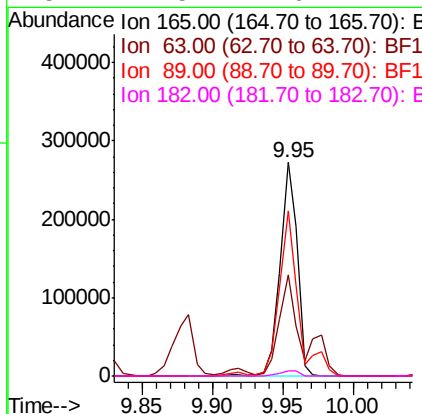
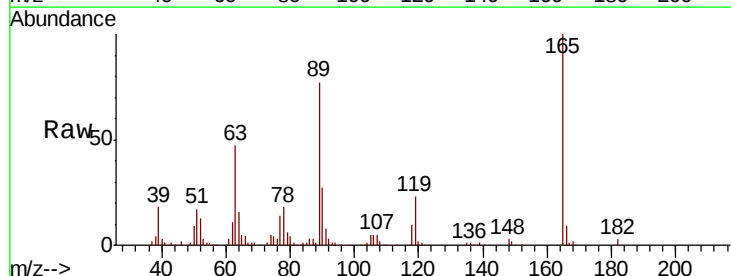
Instrument :
BNA_F
ClientSampleId :

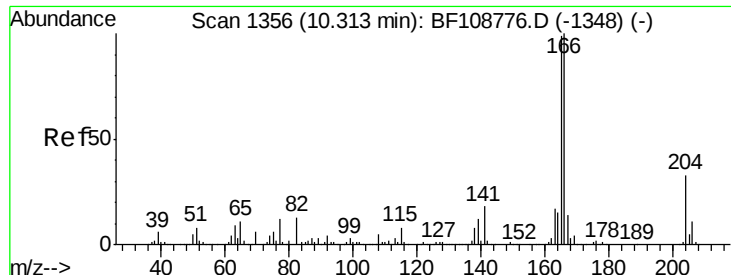
Tot Ion:139 Resp: 273092
Ion Ratio Lower Upper
139 100
109 68.6 48.4 88.4
65 95.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 44.676 ng
RT: 9.95 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

Tgt Ion:165 Resp: 230192
Ion Ratio Lower Upper
165 100
63 47.1 36.4 54.6
89 77.1 57.8 86.6
182 2.5 1.6 2.4#

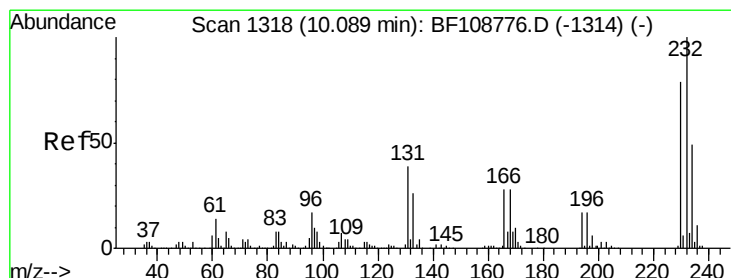
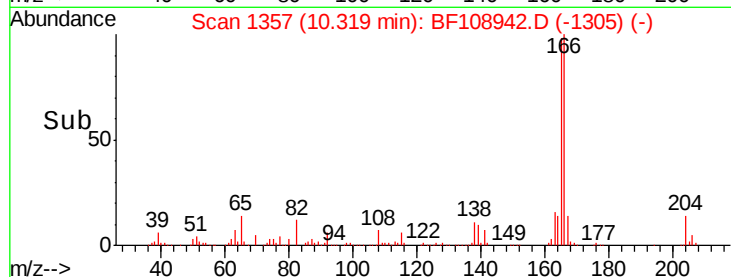
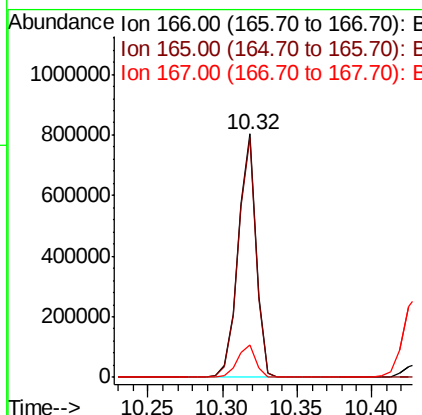
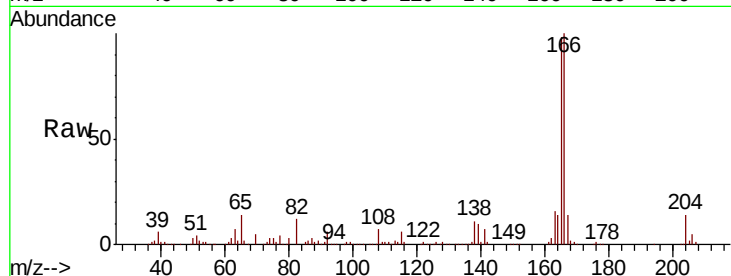




#57
 Fluorene
 Concen: 41.504 ng
 RT: 10.32 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF108942.D
 Acq: 11 Sep 2018 18:24

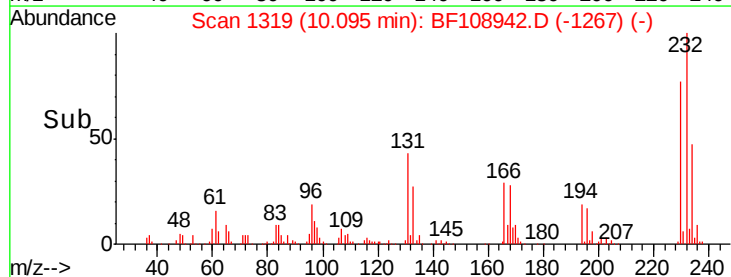
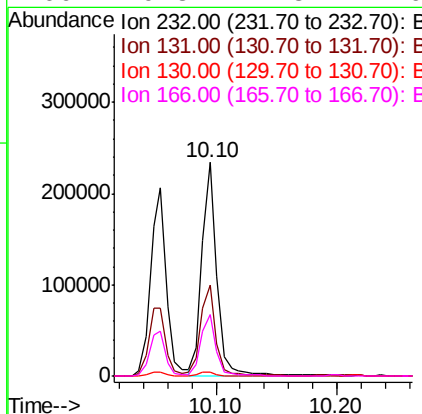
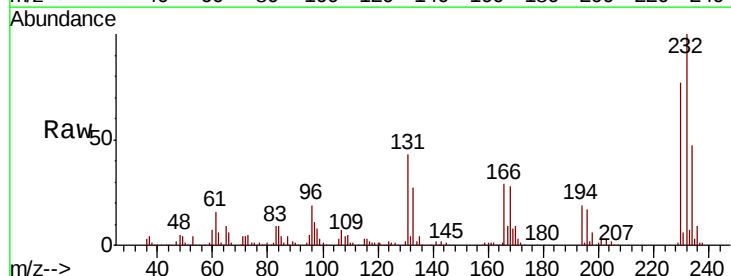
Instrument :
 BNA_F
 ClientSampled :

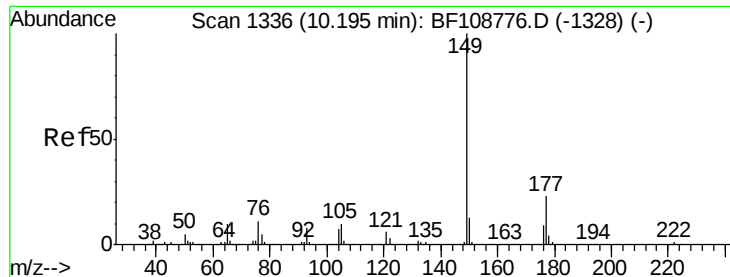
Tot Ion:166 Resp: 674051
 Ion Ratio Lower Upper
 166 100
 165 98.5 79.8 119.8
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.342 ng
 RT: 10.10 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF108942.D
 Acq: 11 Sep 2018 18:24

Tgt Ion:232 Resp: 202425
 Ion Ratio Lower Upper
 232 100
 131 43.0 43.8 65.8#
 130 2.1 2.1 3.1#
 166 29.3 27.8 41.6

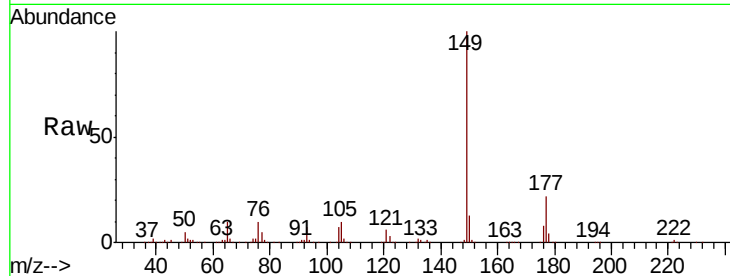




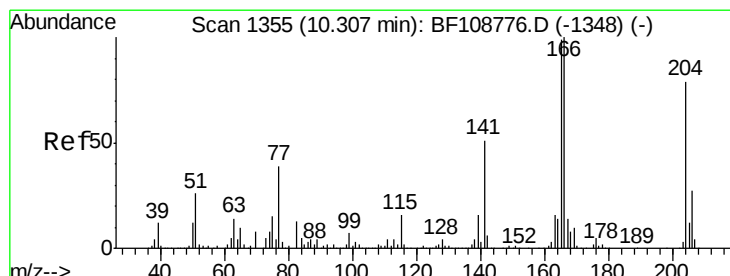
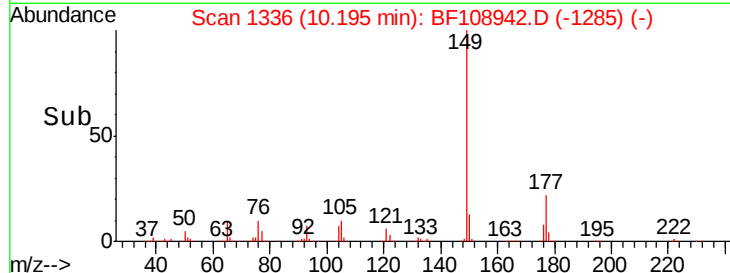
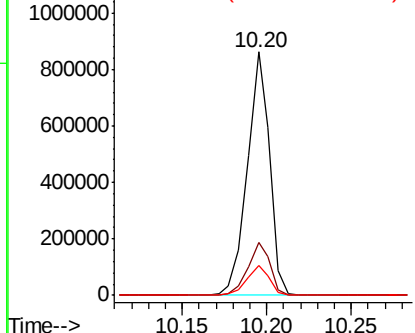
#59
Diethylphthalate
Concen: 36.399 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 794218
Ion Ratio Lower Upper
149 100
177 21.5 16.1 24.1
150 12.5 10.1 15.1

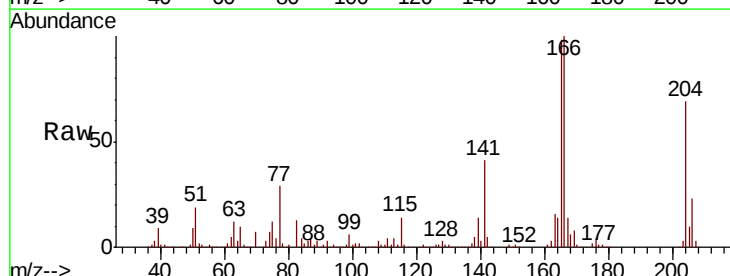


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

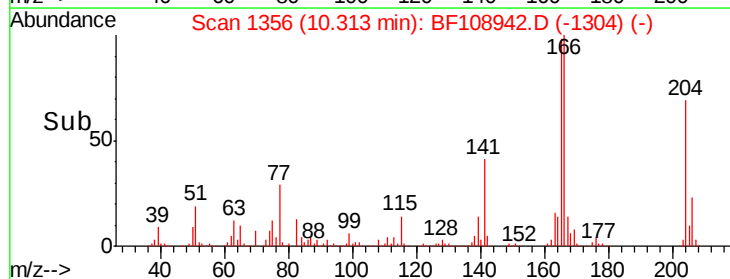
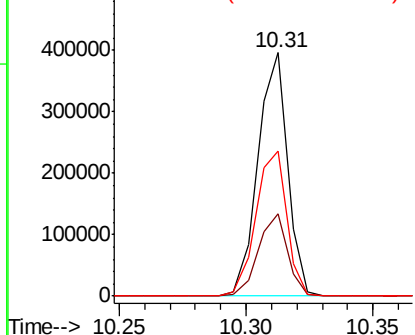


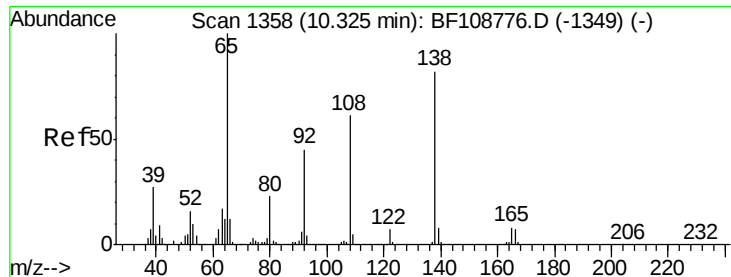
#60
4-Chlorophenyl-phenylether
Concen: 37.557 ng
RT: 10.31 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

Tgt Ion:204 Resp: 325755
Ion Ratio Lower Upper
204 100
206 34.0 26.5 39.7
141 59.4 54.6 81.8



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

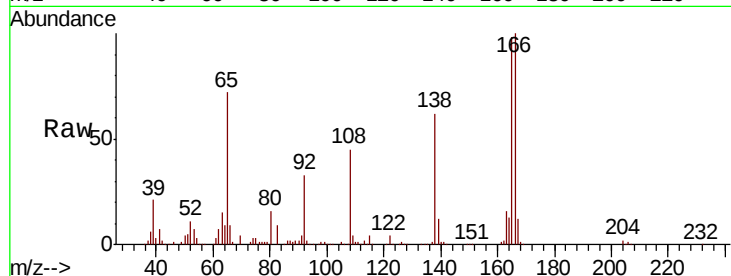




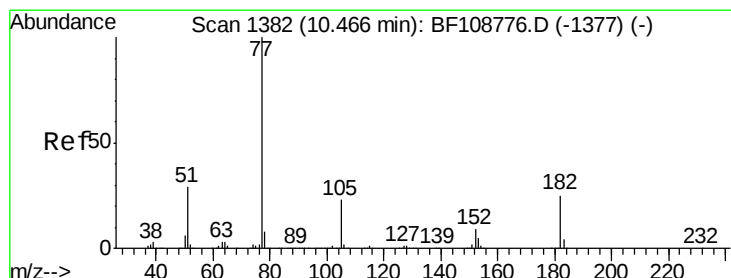
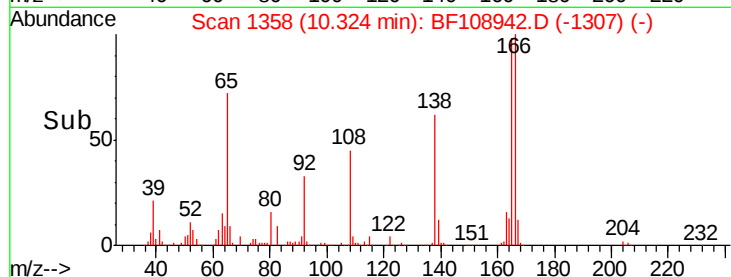
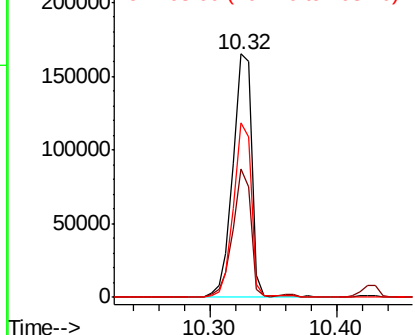
#61
4-Nitroaniline
Concen: 39.111 ng
RT: 10.32 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.5	30.2	70.2
108	71.8	52.5	92.5



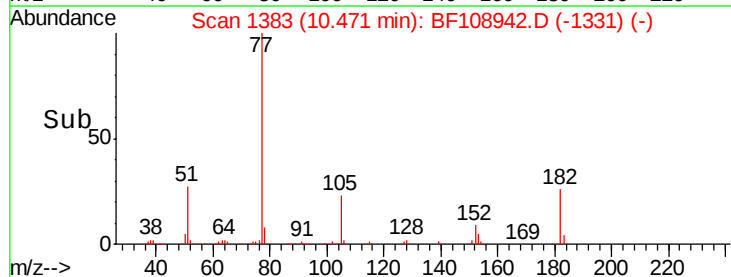
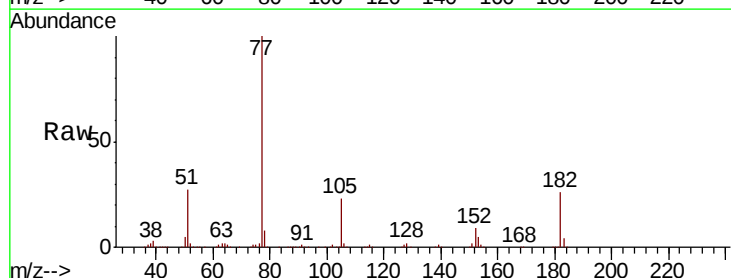
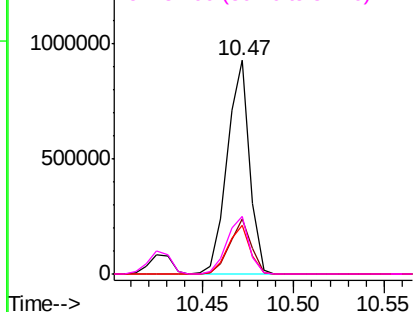
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

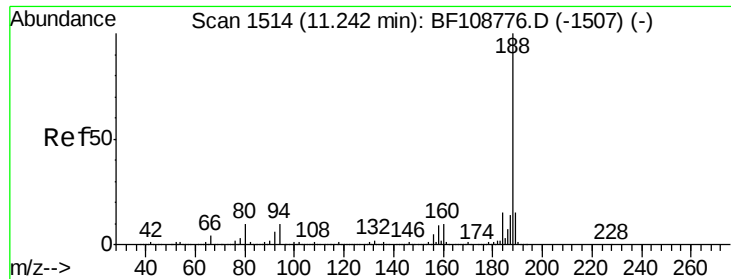


#62
Azobenzene
Concen: 35.057 ng
RT: 10.47 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.0	1.7	41.7
105	23.0	3.0	43.0
51	26.7	9.9	49.9

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: 11.25 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

Instrument :

BNA_F

ClientSampleId :

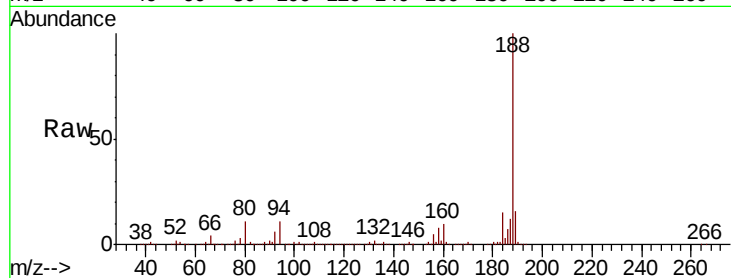
Tot Ion:188 Resp: 530297

Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

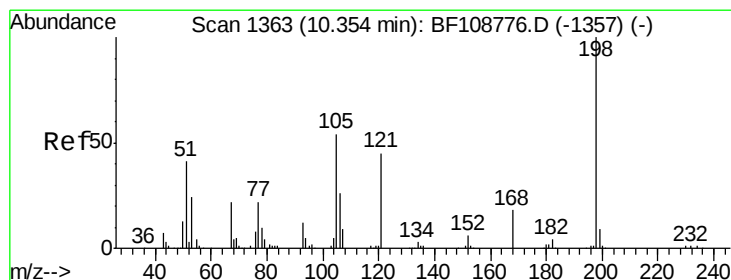
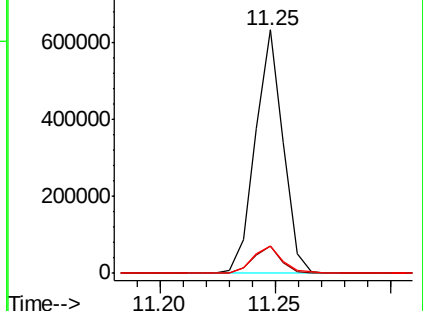
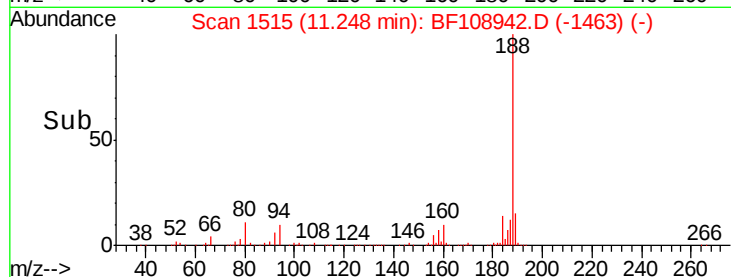
80 11.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 31.036 ng

RT: 10.36 min Scan# 1364

Delta R.T. 0.01 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

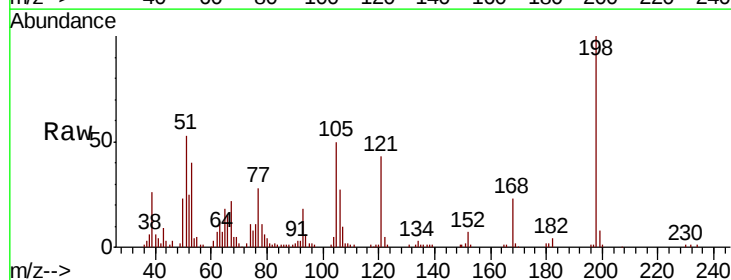
Tgt Ion:198 Resp: 58815

Ion Ratio Lower Upper

198 100

51 52.9 37.7 77.7

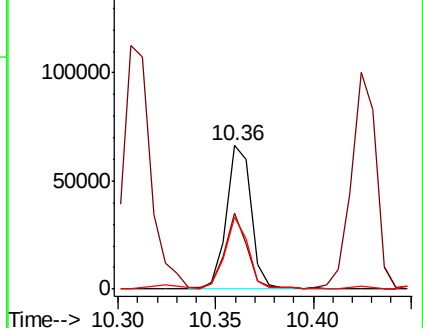
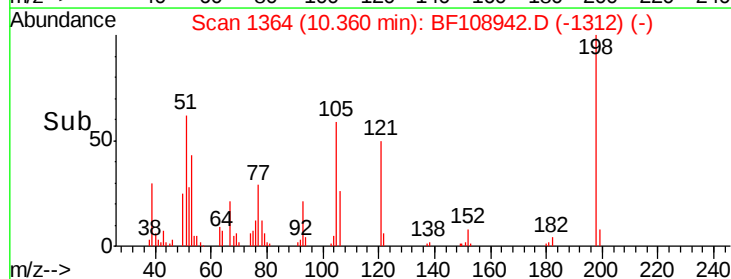
105 50.3 36.3 76.3

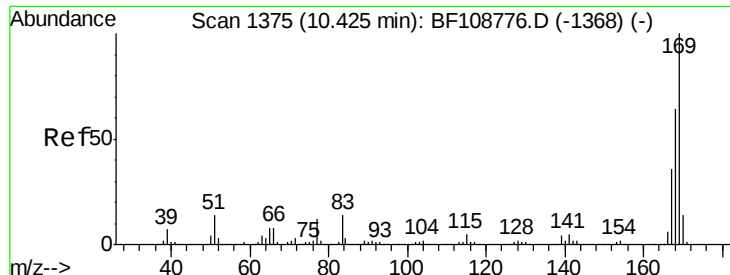


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

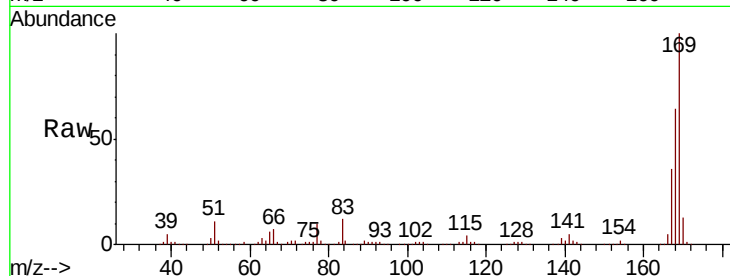




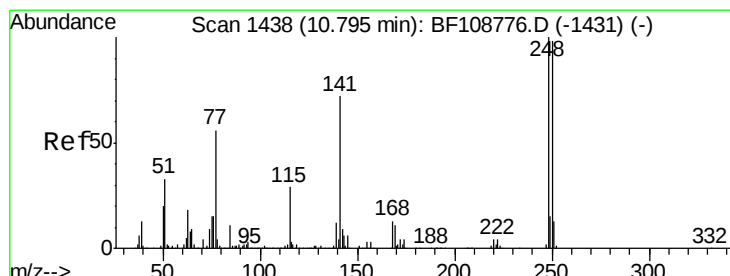
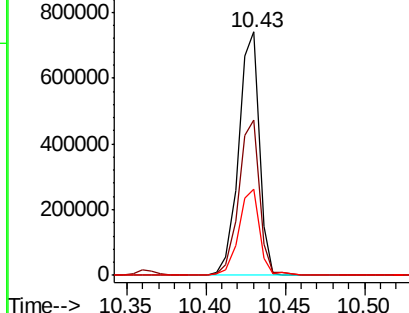
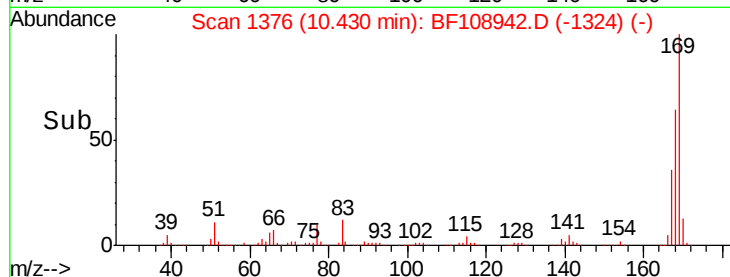
#65
 n-Nitrosodiphenylamine
 Concen: 37.806 ng
 RT: 10.43 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF108942.D
 Acq: 11 Sep 2018 18:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	63.7	54.4	81.6
167	35.6	29.8	44.6

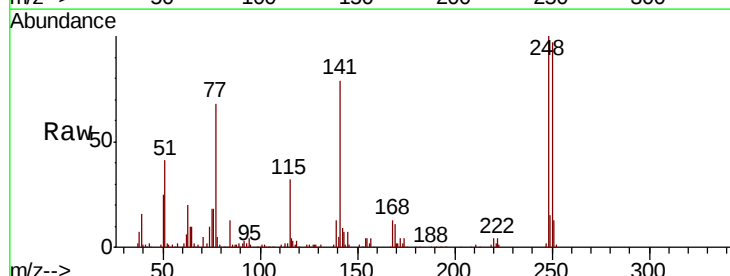


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

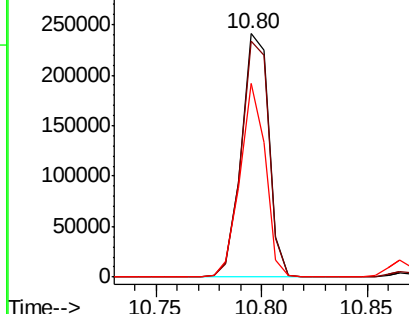
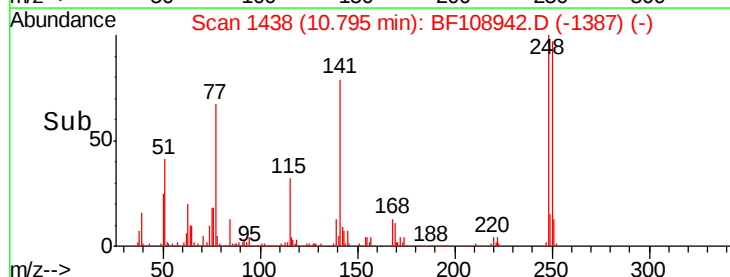


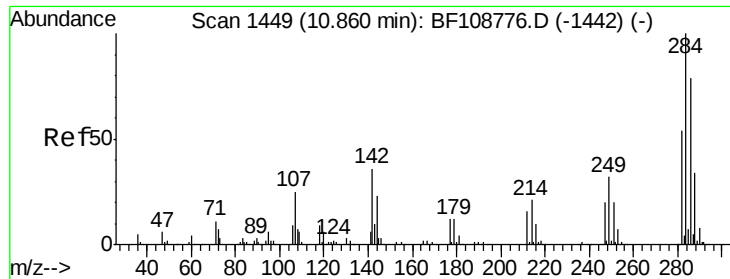
#66
 4-Bromophenyl-phenylether
 Concen: 36.344 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF108942.D
 Acq: 11 Sep 2018 18:24

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	76.9	115.3
141	79.4	74.4	111.6



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

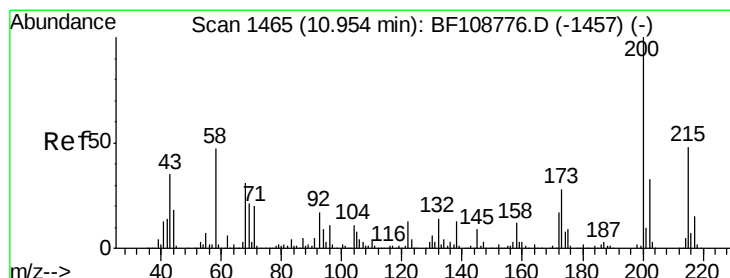
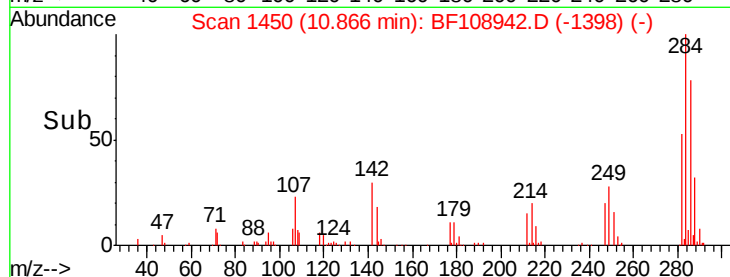
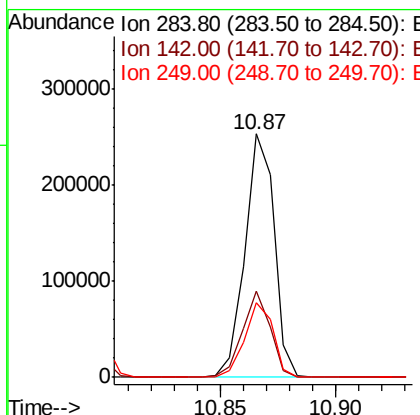
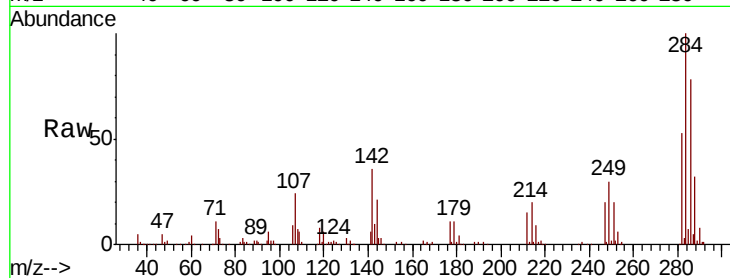




#67
Hexachlorobenzene
Concen: 35.192 ng
RT: 10.87 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

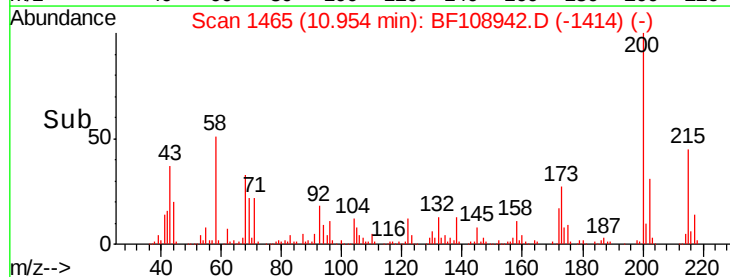
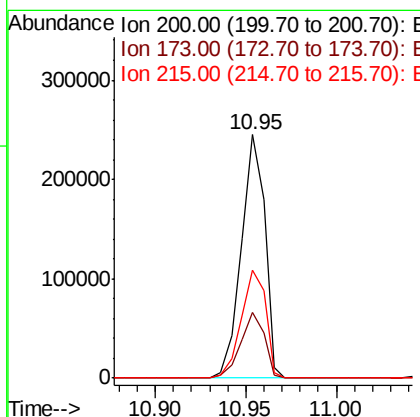
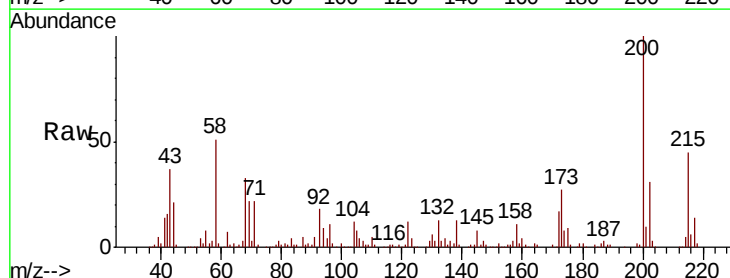
Instrument :
BNA_F
ClientSampleId :

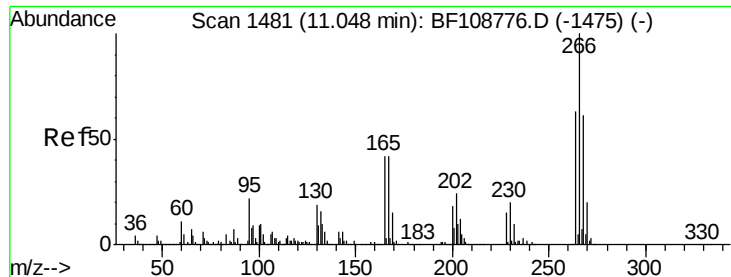
Tot Ion	Ratio	Lower	Upper
284	100		
142	35.6	34.6	52.0
249	30.4	24.8	37.2



#68
Atrazine
Concen: 39.290 ng
RT: 10.95 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.2	8.6	48.6
215	44.5	25.1	65.1

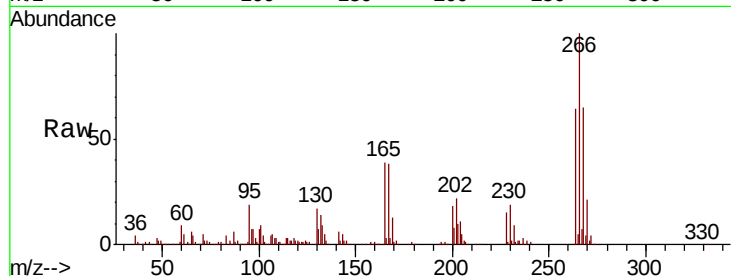




#69
 Pentachlorophenol
 Concen: 56.520 ng
 RT: 11.06 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF108942.D
 Acq: 11 Sep 2018 18:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.5	51.1	76.7
264	63.5	49.5	74.3

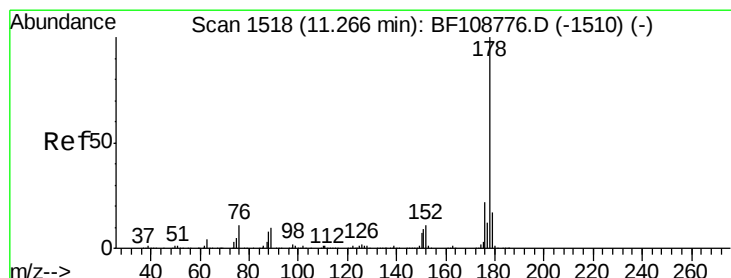
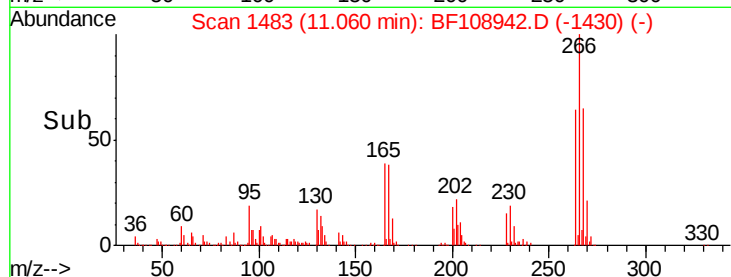
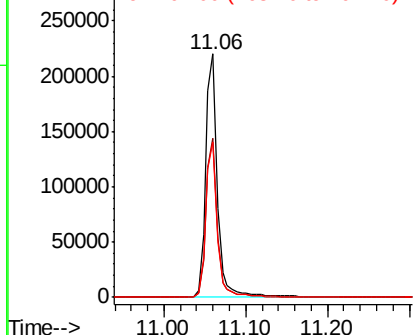


Abundance

Ion 265.70 (265.40 to 266.40): E

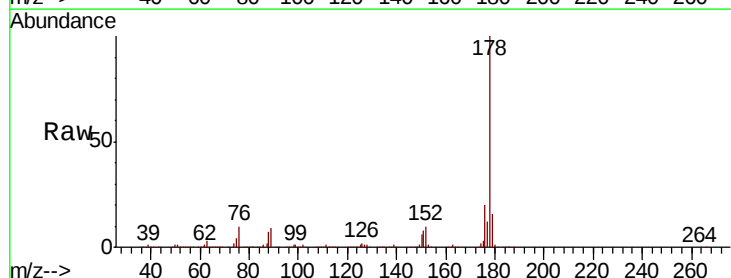
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 37.940 ng
 RT: 11.27 min Scan# 1519
 Delta R.T. 0.01 min
 Lab File: BF108942.D
 Acq: 11 Sep 2018 18:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.9	13.0	19.6

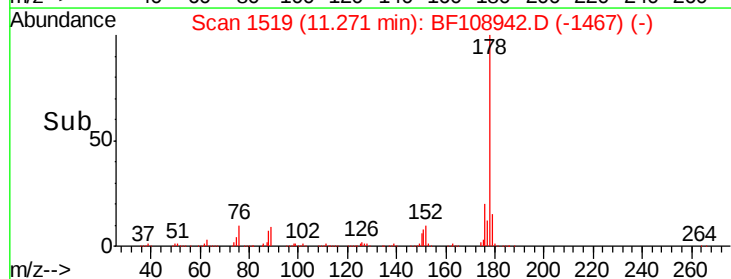
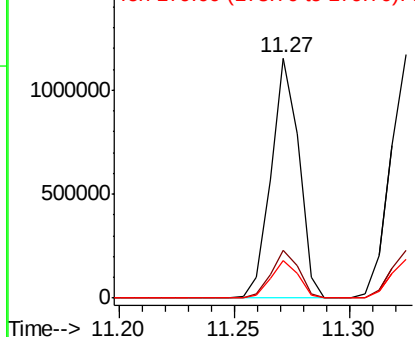


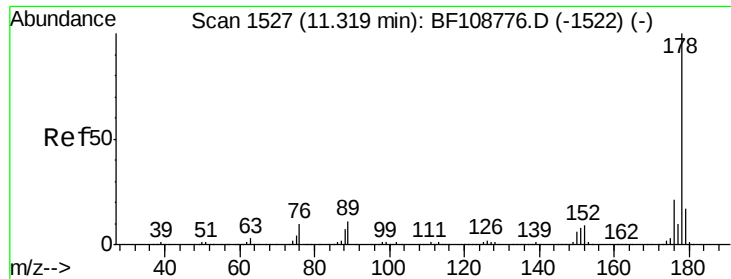
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

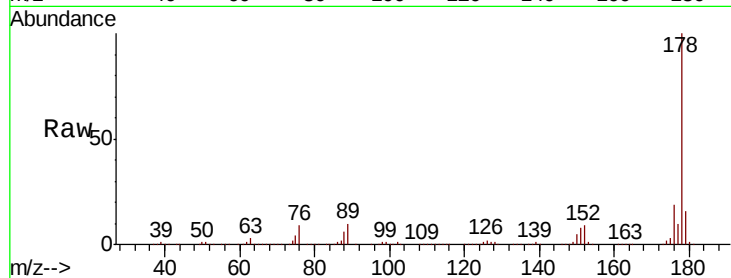




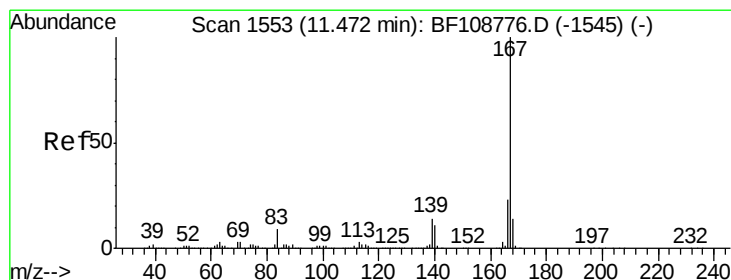
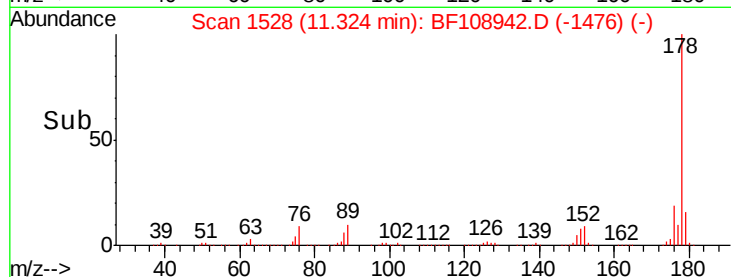
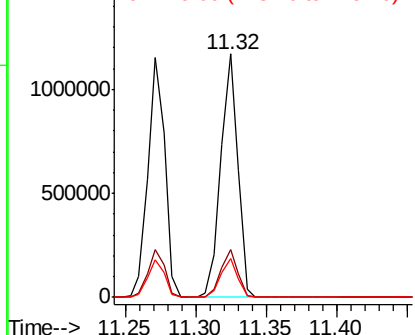
#71
 Anthracene
 Concen: 40.634 ng
 RT: 11.32 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF108942.D
 Acq: 11 Sep 2018 18:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 985236
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.9 12.6 19.0

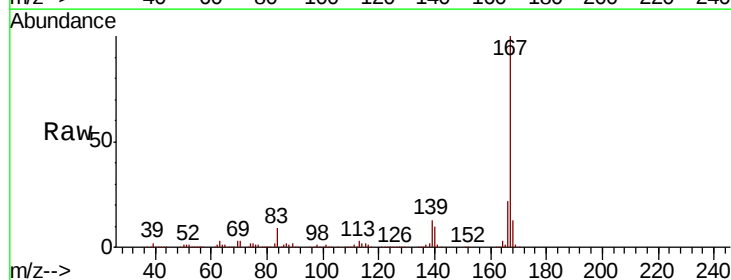


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

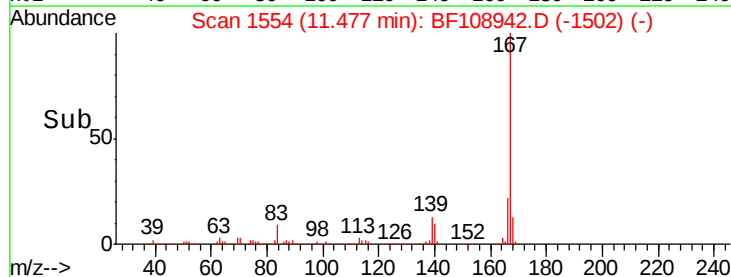
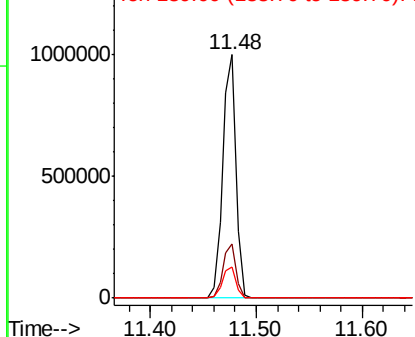


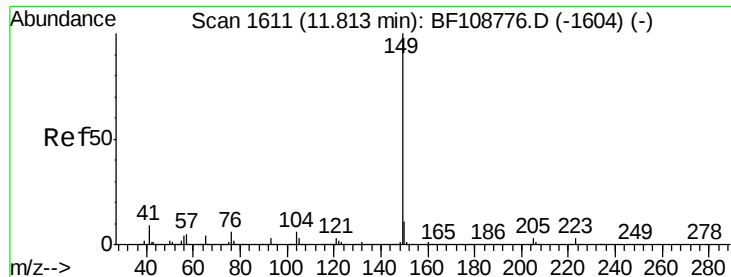
#72
 Carbazole
 Concen: 34.637 ng
 RT: 11.48 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF108942.D
 Acq: 11 Sep 2018 18:24

Tgt Ion:167 Resp: 884455
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 12.9 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.680 ng

RT: 11.82 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

Instrument :

BNA_F

ClientSampleId :

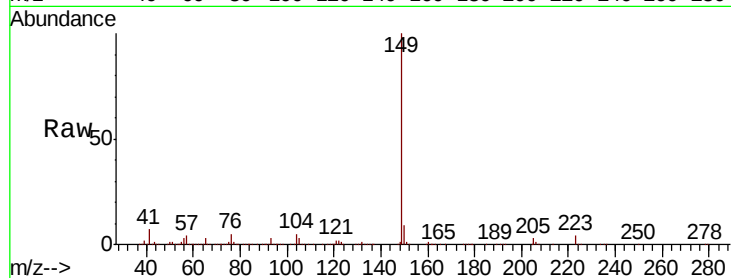
Tot Ion:149 Resp: 1125179

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

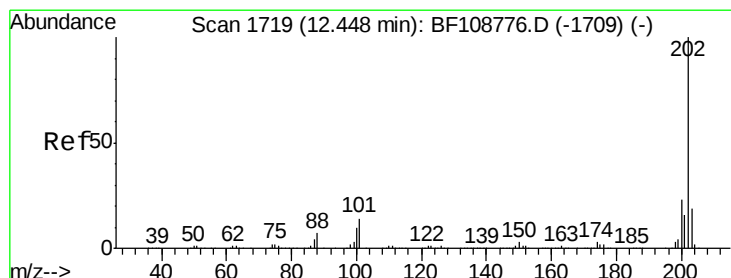
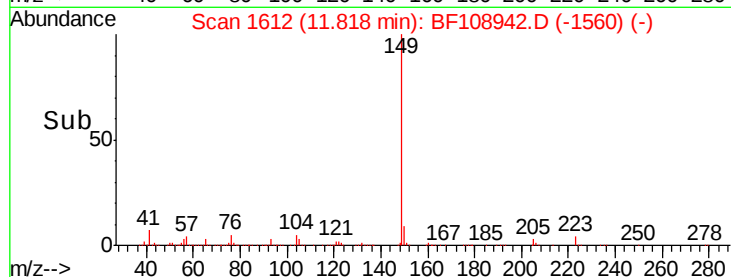
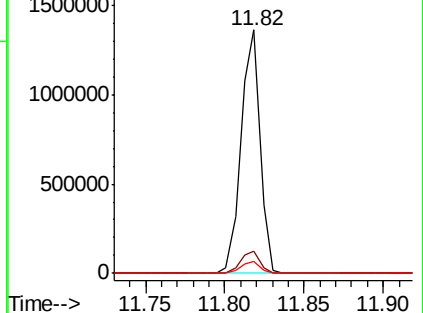
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.513 ng

RT: 12.45 min Scan# 1720

Delta R.T. 0.01 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

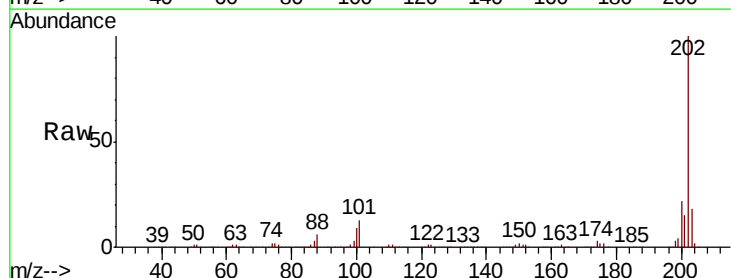
Tgt Ion:202 Resp: 915488

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.1

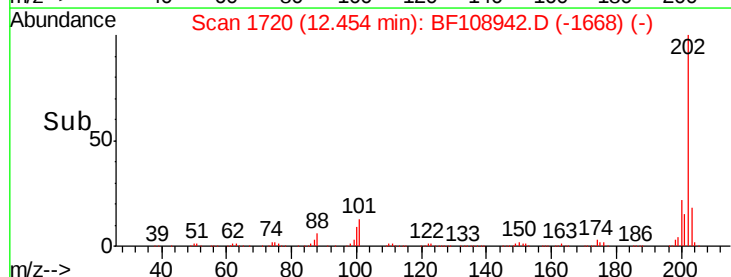
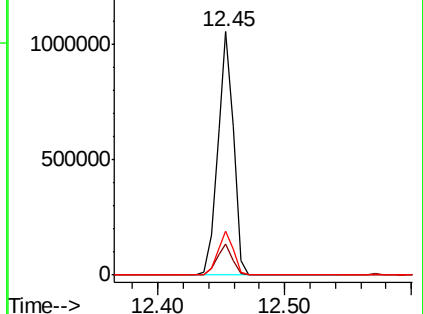
203 18.1 0.0 38.1

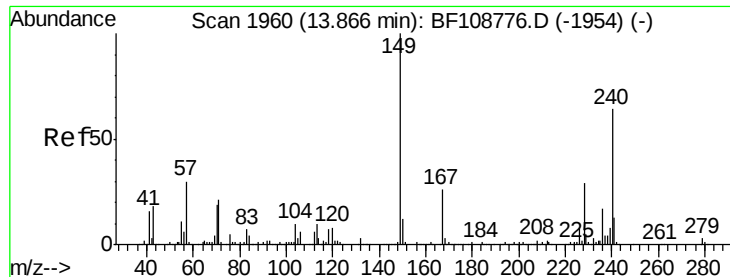


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

Instrument :

BNA_F

ClientSampleId :

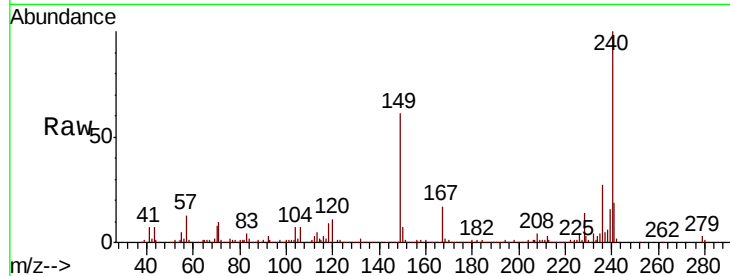
Tot Ion:240 Resp: 368762

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

236 26.7 20.7 31.1

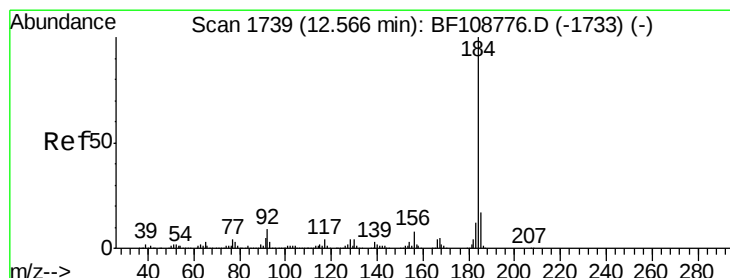
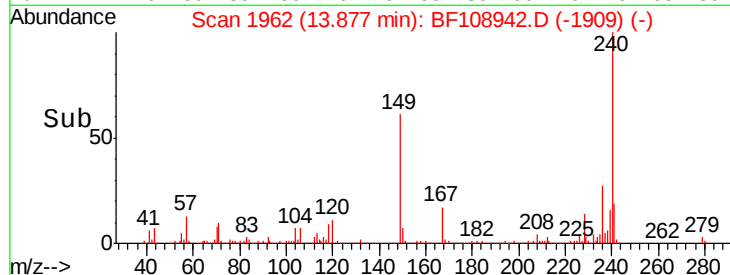
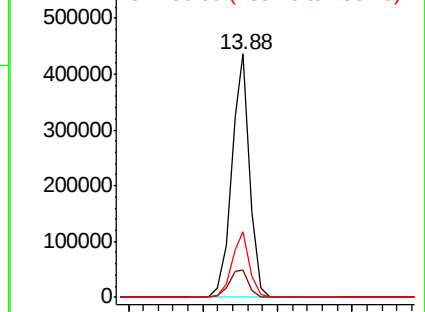


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.052 ng

RT: 12.57 min Scan# 1740

Delta R.T. 0.01 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

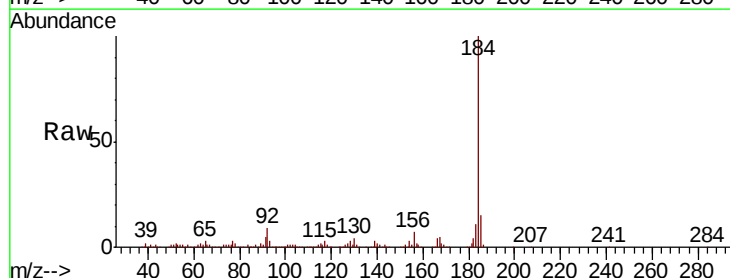
Tgt Ion:184 Resp: 577671

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

183 10.9 9.3 13.9

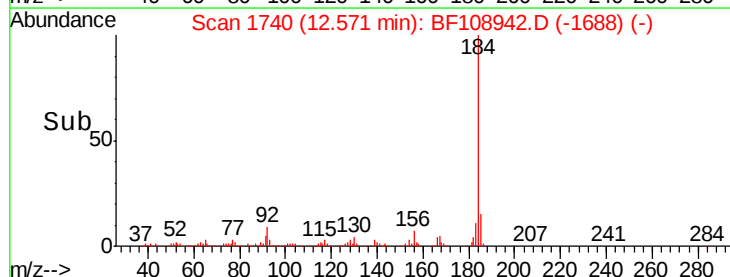
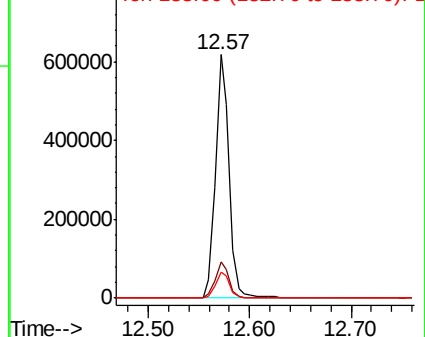


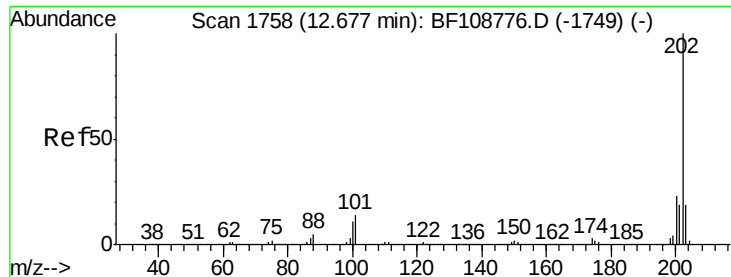
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

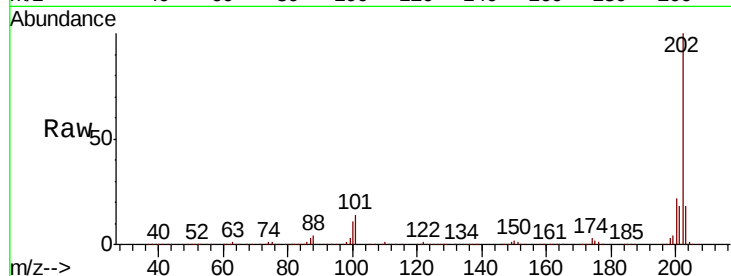




#77
Pvrene
Concen: 32.085 ng
RT: 12.68 min Scan# 1759
Delta R.T. 0.01 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.8	14.3	21.5

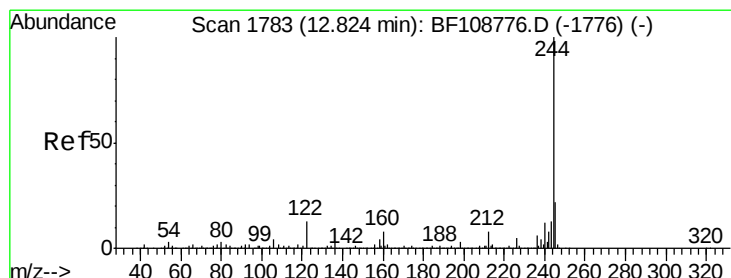
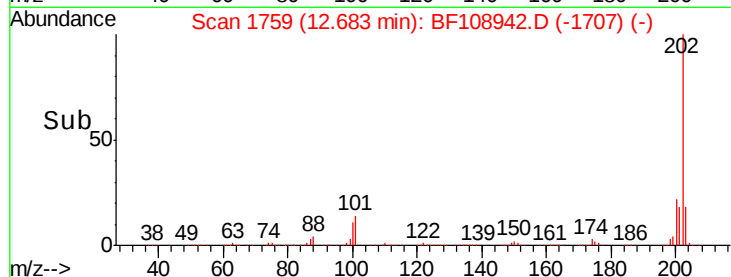
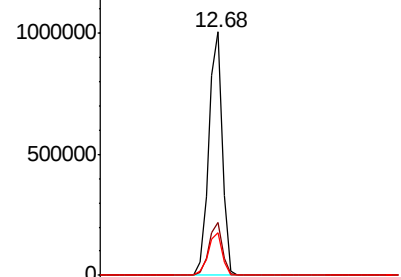


Abundance

Ion 202.00 (201.70 to 202.70): E

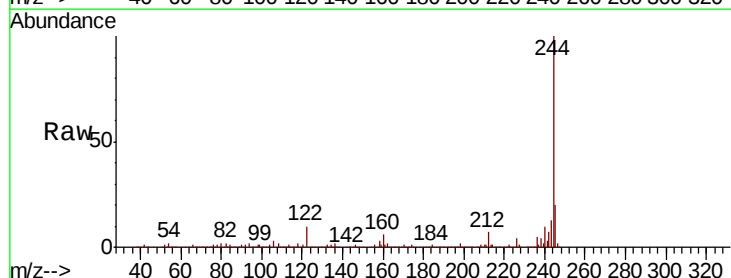
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 64.050 ng
RT: 12.83 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.3	11.0	16.4

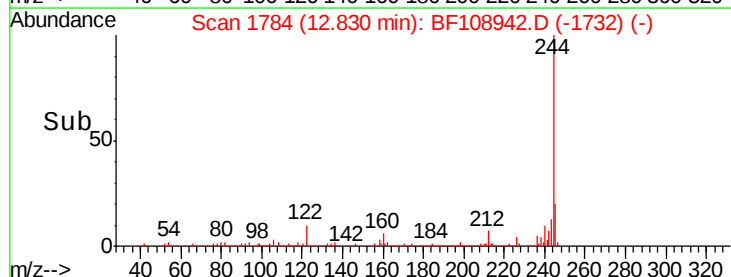
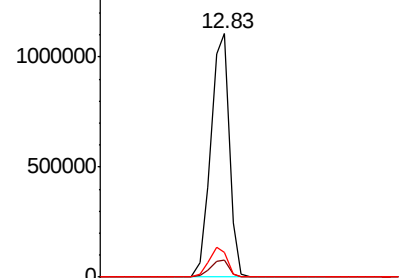


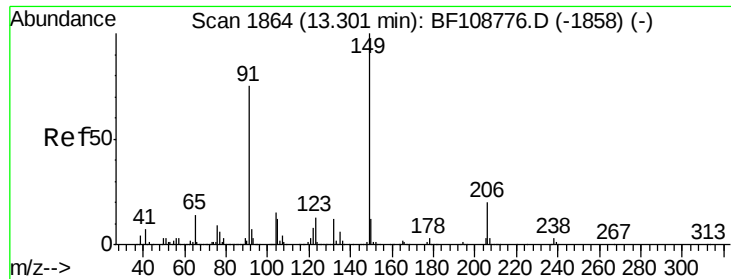
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

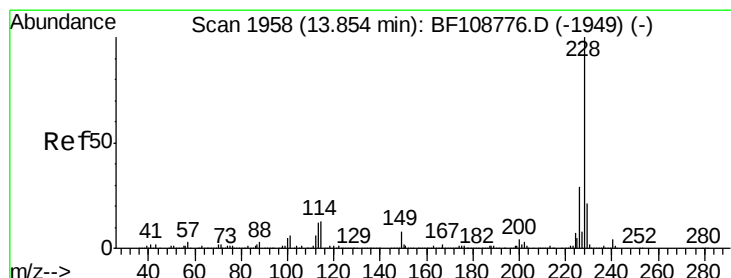
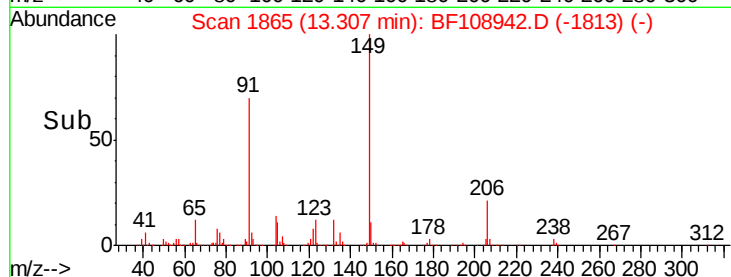
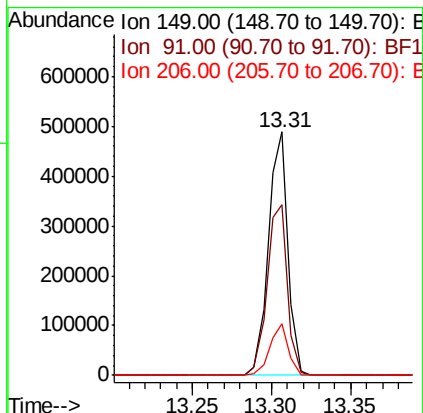
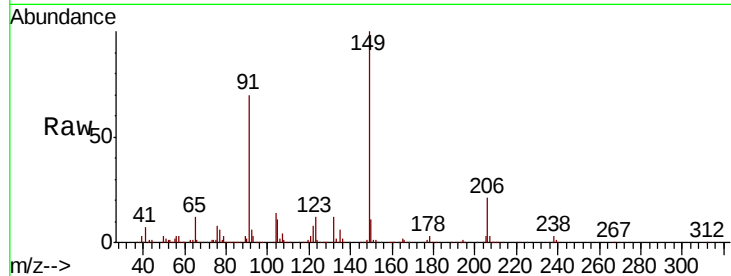




#79
Butylbenzylphthalate
Concen: 33.036 ng
RT: 13.31 min Scan# 1865
Delta R.T. 0.01 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

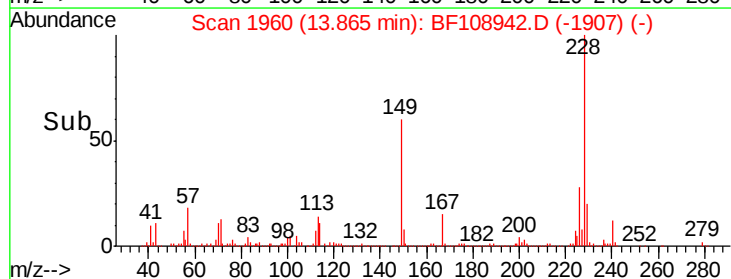
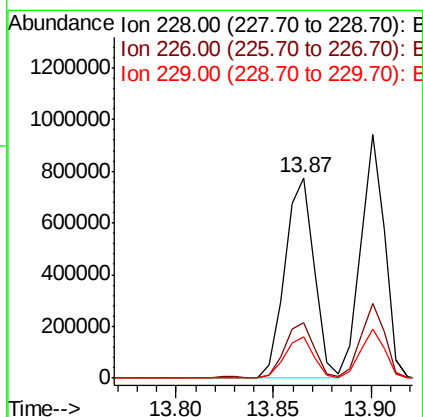
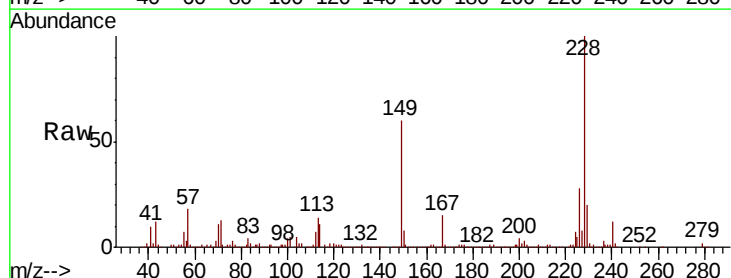
Instrument :
BNA_F
ClientSampleId :

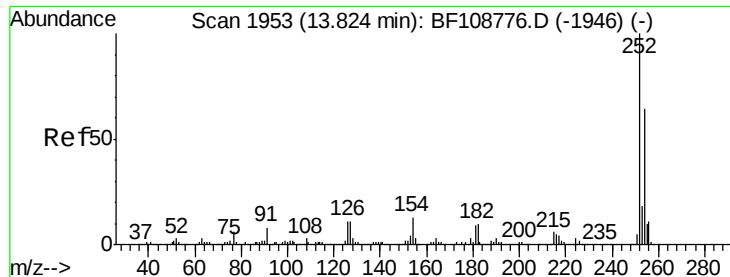
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.8	56.8	85.2
206	21.0	14.1	21.1



#80
Benzo(a)anthracene
Concen: 34.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.4	15.8	23.6

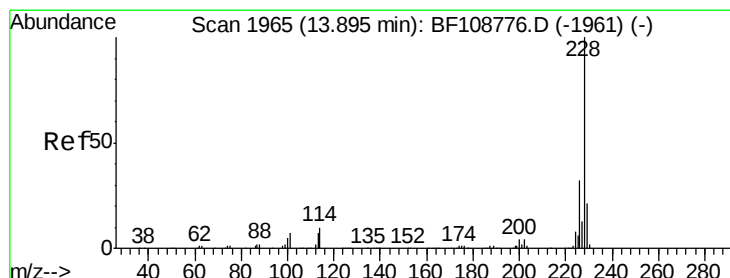
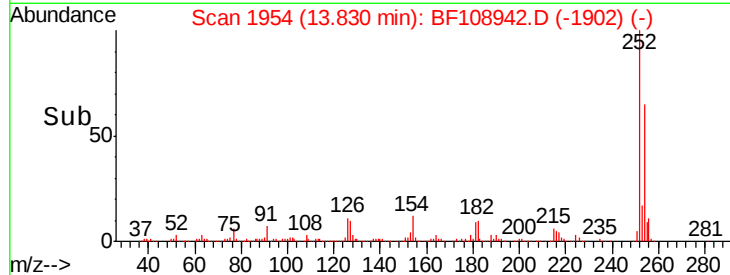
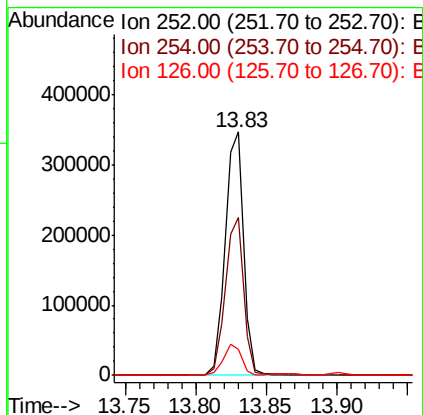
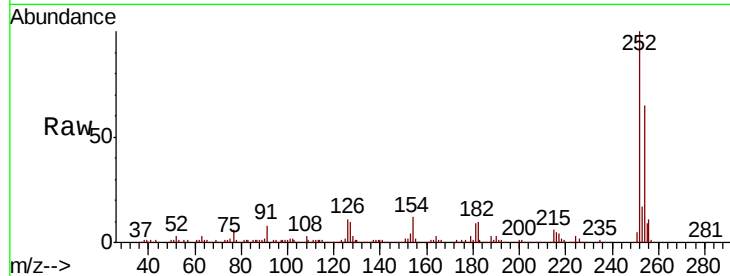




#81
 3,3'-Dichlorobenzidine
 Concen: 34.158 ng
 RT: 13.83 min Scan# 1954
 Delta R.T. 0.01 min
 Lab File: BF108942.D
 Acq: 11 Sep 2018 18:24

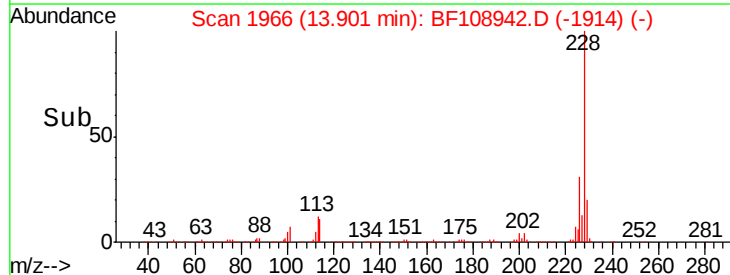
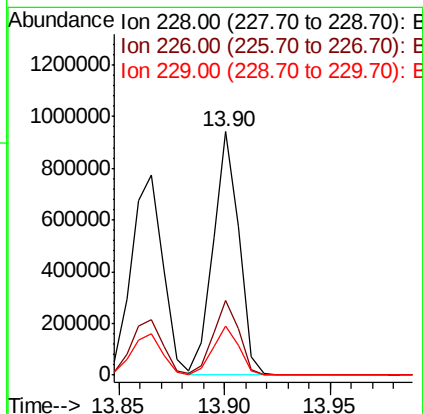
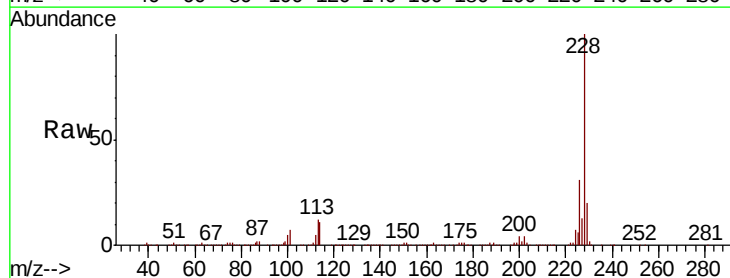
Instrument :
 BNA_F
 ClientSampled :

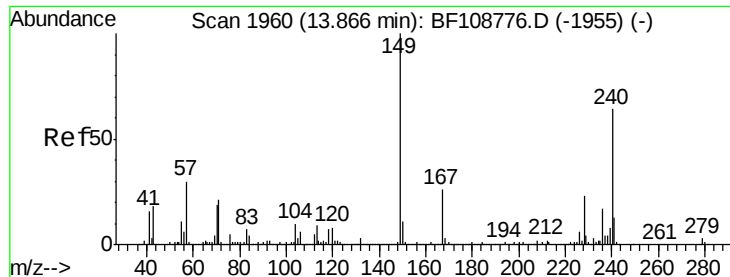
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.4	75.6
126	10.6	11.3	16.9



#82
 Chrysene
 Concen: 34.746 ng
 RT: 13.90 min Scan# 1966
 Delta R.T. 0.01 min
 Lab File: BF108942.D
 Acq: 11 Sep 2018 18:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.1	16.2	24.4

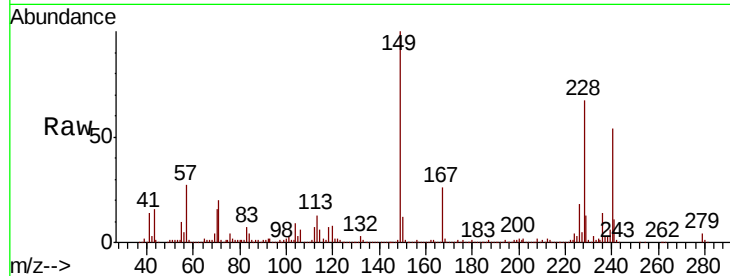




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.874 ng
 RT: 13.87 min Scan# 1961
 Delta R.T. 0.01 min
 Lab File: BF108942.D
 Acq: 11 Sep 2018 18:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.3	31.9
279	3.7	3.0	4.4

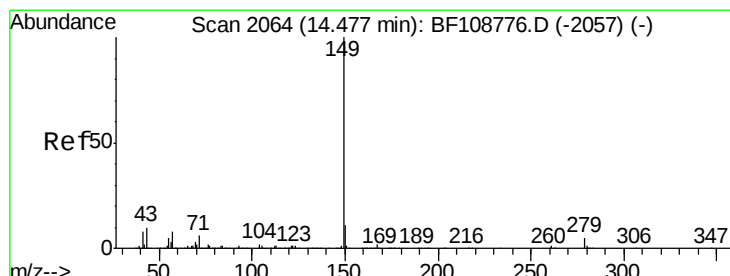
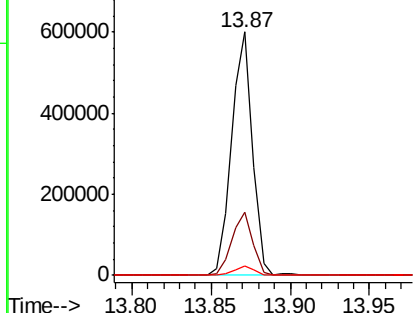
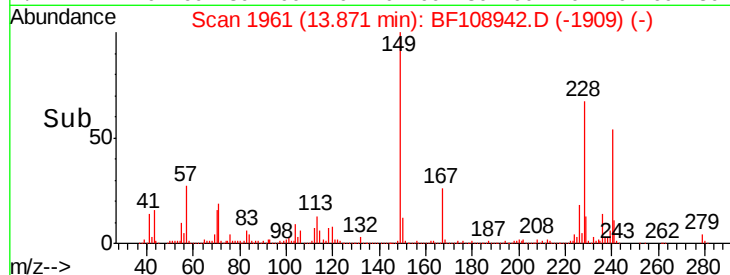


Abundance

Ion 149.00 (148.70 to 149.70): E

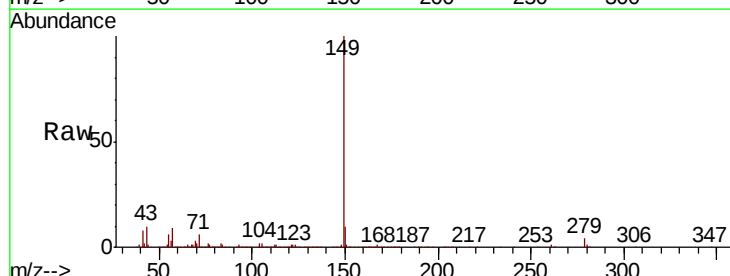
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 38.396 ng
 RT: 14.48 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: BF108942.D
 Acq: 11 Sep 2018 18:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.8	8.4	12.6

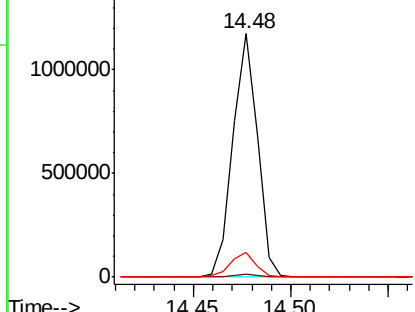
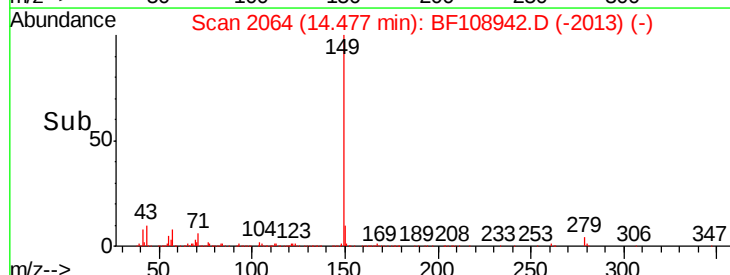


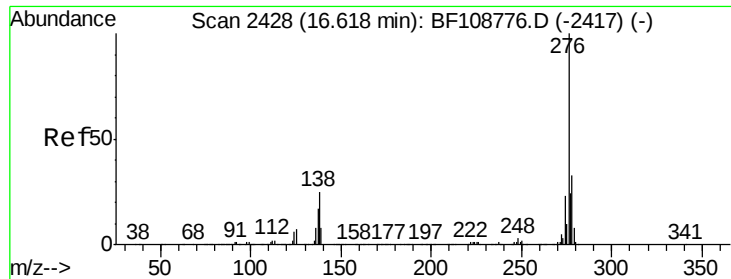
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

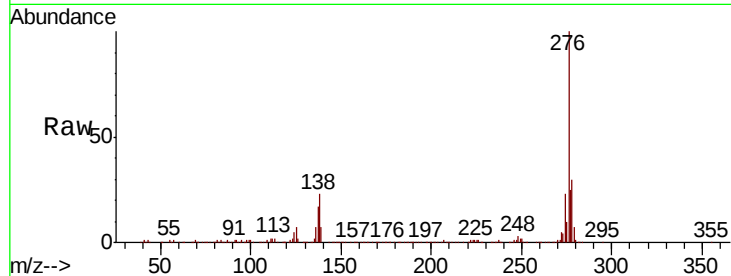




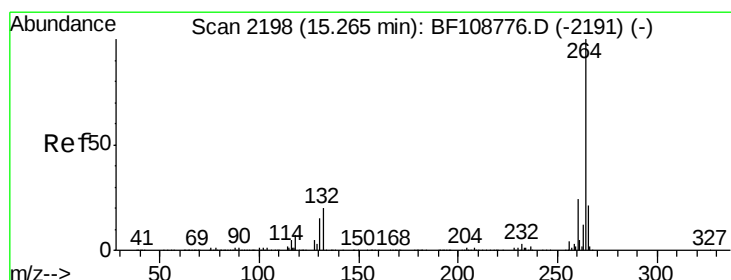
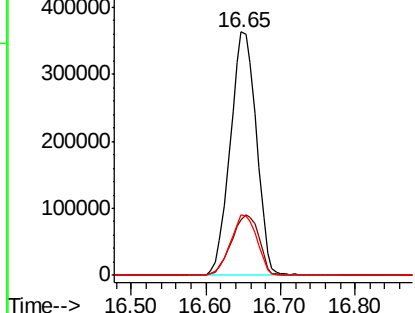
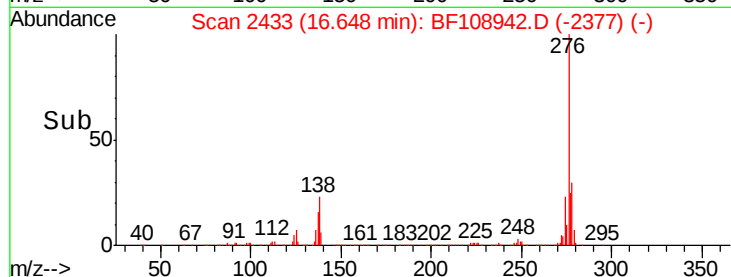
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.647 ng
 RT: 16.65 min Scan# 2433
 Delta R.T. 0.03 min
 Lab File: BF108942.D
 Acq: 11 Sep 2018 18:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.4	25.0	37.6
277	25.2	20.1	30.1

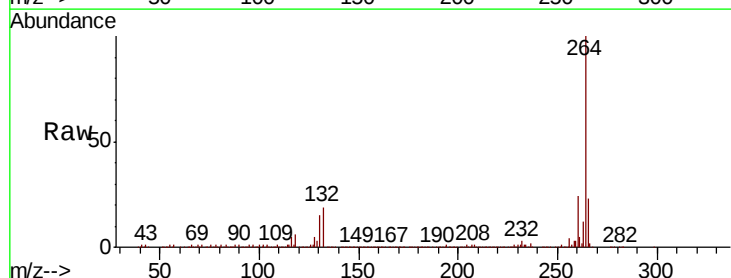


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

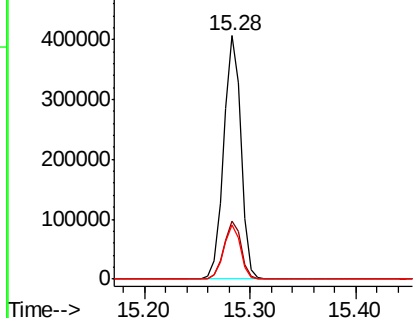
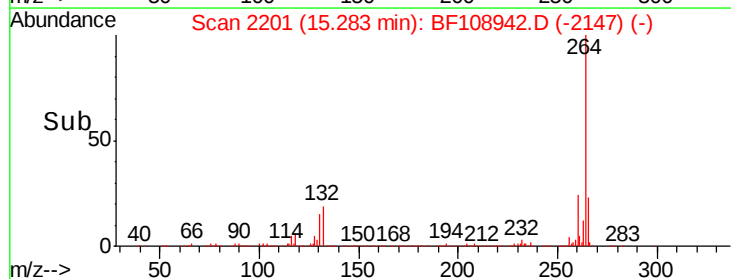


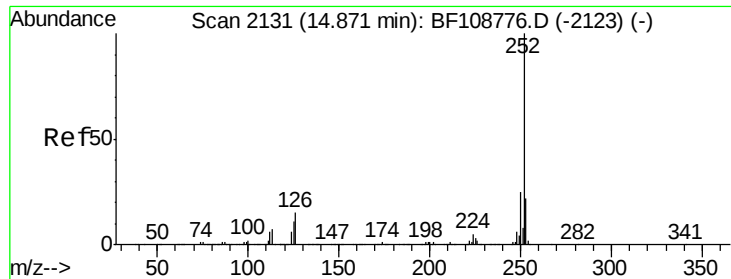
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2201
 Delta R.T. 0.02 min
 Lab File: BF108942.D
 Acq: 11 Sep 2018 18:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.5	17.5	26.3



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

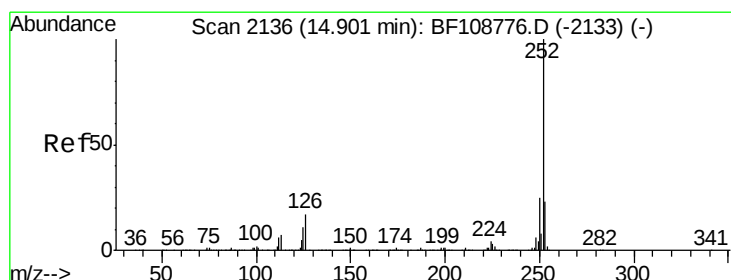
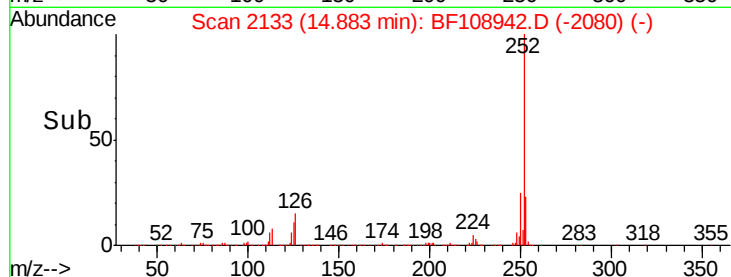
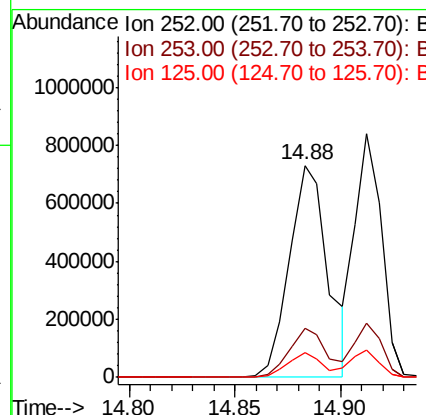
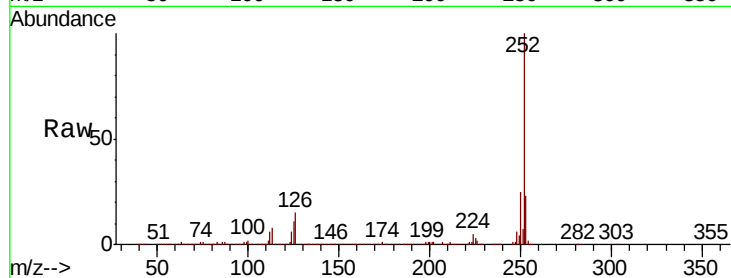




#87
Benzo(b)fluoranthene
Concen: 37.045 ng
RT: 14.88 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

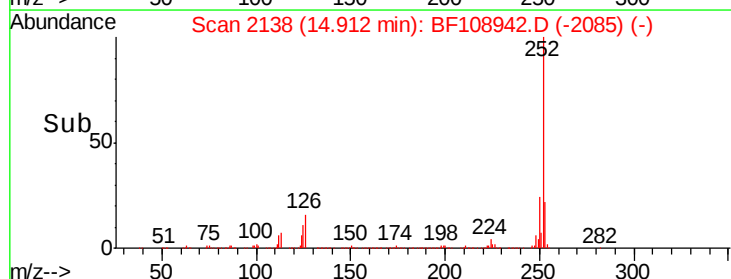
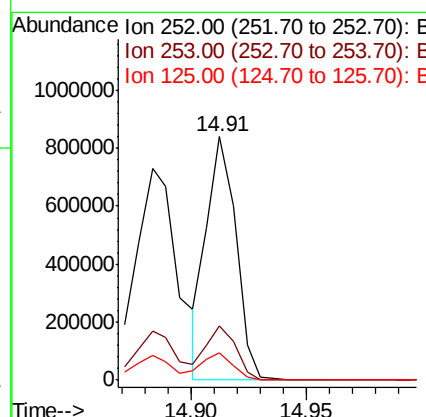
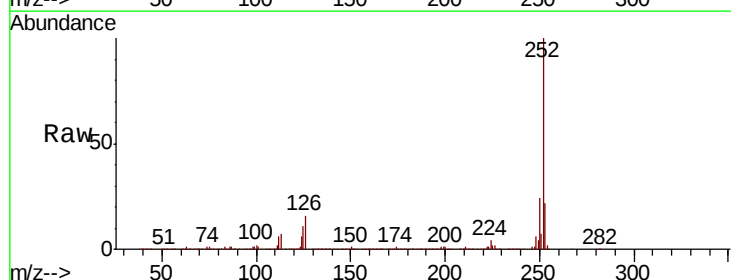
Instrument :
BNA_F
ClientSampled :

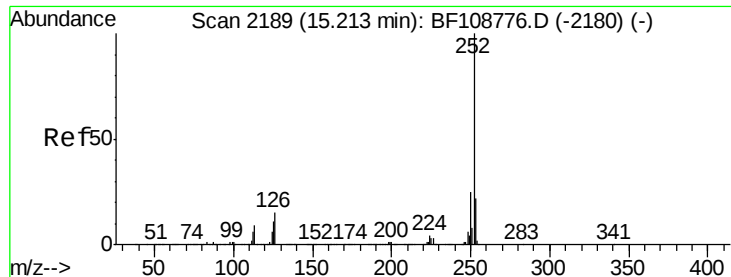
Tot Ion:252 Resp: 930838
Ion Ratio Lower Upper
252 100
253 23.1 17.0 25.6
125 11.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 32.199 ng
RT: 14.91 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

Tgt Ion:252 Resp: 745060
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 11.3 10.2 15.2

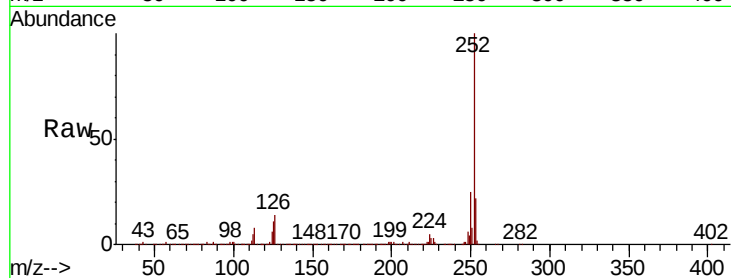




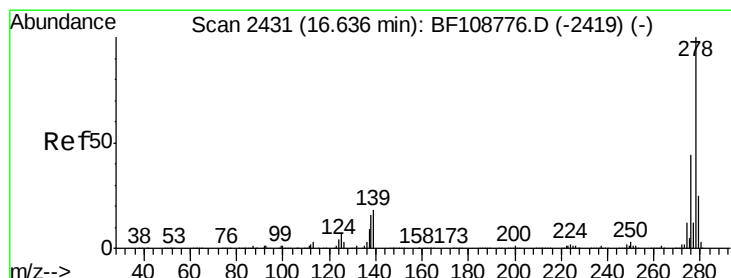
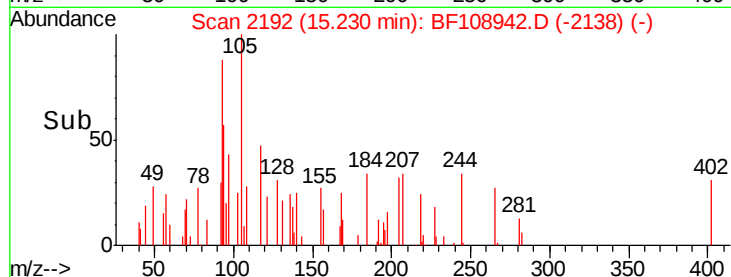
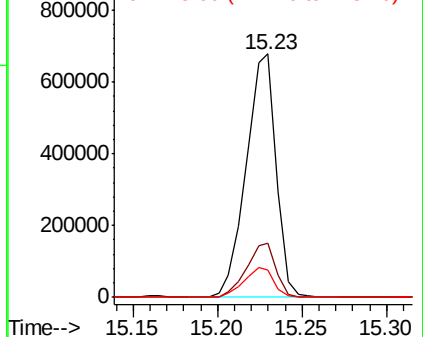
#89
Benzo(a)pyrene
Concen: 36.994 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.02 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 838735
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 11.0 9.8 14.6

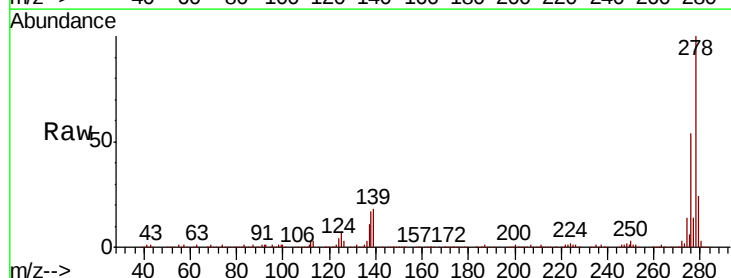


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

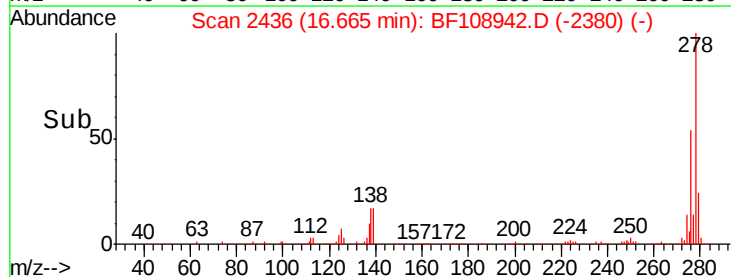
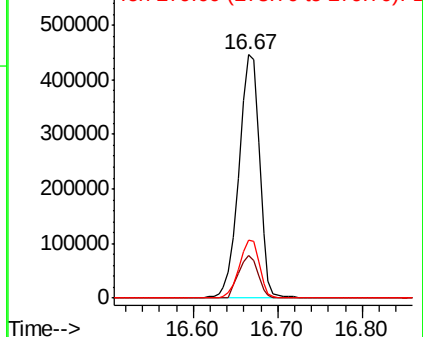


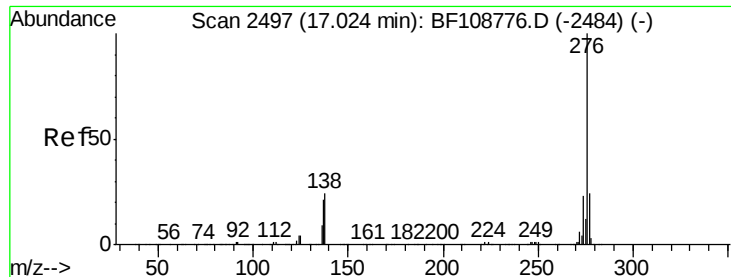
#90
Dibenzo(a,h)anthracene
Concen: 37.510 ng
RT: 16.67 min Scan# 2436
Delta R.T. 0.03 min
Lab File: BF108942.D
Acq: 11 Sep 2018 18:24

Tgt Ion:278 Resp: 749372
Ion Ratio Lower Upper
278 100
139 17.5 15.9 23.9
279 23.9 19.0 28.4



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





#91
 Benzo(a,h,i)perylene
 Concen: 34.798 ng
 RT: 17.06 min Scan# 2503
 Delta R.T. 0.04 min
 Lab File: BF108942.D
 Acq: 11 Sep 2018 18:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	23.1	21.8	32.8

