

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
 Data File : BF109141.D
 Acq On : 19 Sep 2018 14:06
 Operator : JU/SJ
 Sample : PB112950BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 14:28:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	158916	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	664836	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	323057	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	630222	20.00	ng	0.00
75) Chrysene-d12	13.87	240	456383	20.00	ng	0.00
86) Perylene-d12	15.26	264	384205	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	993072	103.79	ng	0.02
7) Phenol-d6	6.37	99	1283911	104.06	ng	0.00
23) Nitrobenzene-d5	7.28	82	812145	68.52	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	363434	103.66	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1495738	72.54	ng	0.00
78) Terphenyl-d14	12.81	244	1500001	77.90	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.50	88	152164	33.409	ng	93
3) Pyridine	3.20	79	401262	33.234	ng	90
4) n-Nitrosodimethylamine	3.14	42	203004	44.519	ng	# 99
6) Aniline	6.38	93	496029	31.105	ng	# 55
8) 2-Chlorophenol	6.51	128	441735	41.254	ng	95
9) Benzaldehyde	6.27	77	230709	29.279	ng	99
10) Phenol	6.38	94	535506	38.575	ng	# 70
11) bis(2-Chloroethyl)ether	6.46	93	426912	39.089	ng	97
12) 1,3-Dichlorobenzene	6.67	146	472881	38.617	ng	99
13) 1,4-Dichlorobenzene	6.74	146	474193	38.600	ng	100
14) 1,2-Dichlorobenzene	6.90	146	444123	38.996	ng	98
15) Benzyl Alcohol	6.87	79	383340	40.927	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.00	45	607615	38.830	ng	95
17) 2-Methylphenol	6.98	107	368229	42.151	ng	97
18) Hexachloroethane	7.24	117	177905	39.874	ng	99
19) n-Nitroso-di-n-propylamine	7.14	70	321264	39.394	ng	97
20) 3+4-Methylphenols	7.14	107	429986	40.869	ng	# 66
22) Acetophenone	7.14	105	596594	39.514	ng	# 91
24) Nitrobenzene	7.31	77	479861	39.265	ng	97
25) Isophorone	7.55	82	889210	43.641	ng	97
26) 2-Nitrophenol	7.62	139	233822	40.974	ng	97
27) 2,4-Dimethylphenol	7.67	122	407016	45.470	ng	100
28) bis(2-Chloroethoxy)methane	7.76	93	546199	39.835	ng	99
29) 2,4-Dichlorophenol	7.87	162	386126	40.479	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	390764	37.897	ng	98
31) Naphthalene	8.02	128	1250755	40.533	ng	99
32) Benzoic acid	7.80	122	235863	40.325	ng	97
33) 4-Chloroaniline	8.07	127	374640	27.306	ng	99
34) Hexachlorobutadiene	8.15	225	238666	37.914	ng	99
35) Caprolactam	8.45	113	67822	21.808	ng	# 85
36) 4-Chloro-3-methylphenol	8.57	107	405574	40.389	ng	99
37) 2-Methylnaphthalene	8.72	142	855523	42.532	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	372226	36.608	ng	98
40) Hexachlorocyclopentadiene	8.88	237	399627	78.007	ng	99

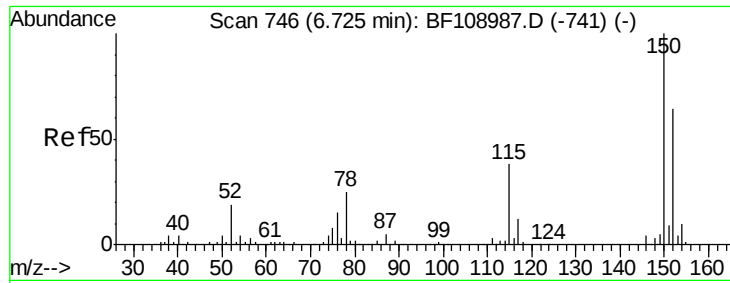
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
 Data File : BF109141.D
 Acq On : 19 Sep 2018 14:06
 Operator : JU/SJ
 Sample : PB112950BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 14:28:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	273241	39.981	ng	100
43) 2,4,5-Trichlorophenol	9.04	196	289446	40.528	ng	99
45) 1,1'-Biphenyl	9.18	154	1013275	39.205	ng	98
46) 2-Chloronaphthalene	9.21	162	779660	37.667	ng	97
47) 2-Nitroaniline	9.30	65	255329	40.125	ng	93
48) Acenaphthylene	9.62	152	1263054	40.472	ng	99
49) Dimethylphthalate	9.49	163	922315	39.944	ng	99
50) 2,6-Dinitrotoluene	9.54	165	207674	40.557	ng	98
51) Acenaphthene	9.79	154	749002	38.543	ng	98
52) 3-Nitroaniline	9.71	138	184455	30.592	ng	97
53) 2,4-Dinitrophenol	9.82	184	170297	86.294	ng	# 21
54) Dibenzofuran	9.96	168	1089929	38.812	ng	96
55) 4-Nitrophenol	9.88	139	348356	78.415	ng	96
56) 2,4-Dinitrotoluene	9.95	165	280753	41.924	ng	# 97
57) Fluorene	10.30	166	811664	43.372	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	250057	42.285	ng	# 88
59) Diethylphthalate	10.18	149	909918	39.024	ng	97
60) 4-Chlorophenyl-phenylether	10.30	204	384549	38.375	ng	98
61) 4-Nitroaniline	10.32	138	223838	39.074	ng	100
62) Azobenzene	10.45	77	922247	38.640	ng	97
64) 4,6-Dinitro-2-methylphenol	10.35	198	112061	37.164	ng	87
65) n-Nitrosodiphenylamine	10.41	169	791852	38.411	ng	96
66) 4-Bromophenyl-phenylether	10.78	248	272311	38.327	ng	# 88
67) Hexachlorobenzene	10.85	284	290641	38.244	ng	# 88
68) Atrazine	10.94	200	257894	39.080	ng	98
69) Pentachlorophenol	11.04	266	319981	65.809	ng	98
70) Phenanthrene	11.26	178	1226202	39.691	ng	99
71) Anthracene	11.31	178	1275387	40.726	ng	100
72) Carbazole	11.47	167	1151819	37.155	ng	100
73) Di-n-butylphthalate	11.80	149	1396001	38.469	ng	100
74) Fluoranthene	12.44	202	1311045	40.198	ng	97
76) Benzidine	12.56	184	479941	29.708	ng	98
77) Pyrene	12.67	202	1321765	38.991	ng	99
79) Butylbenzylphthalate	13.29	149	592723	39.147	ng	97
80) Benzo(a)anthracene	13.85	228	1097468	39.719	ng	100
81) 3,3'-Dichlorobenzidine	13.81	252	348330	31.241	ng	99
82) Chrysene	13.89	228	1061133	38.384	ng	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	687003	37.474	ng	99
84) Di-n-octyl phthalate	14.46	149	1250552	40.221	ng	98
85) Indeno(1,2,3-cd)pyrene	16.62	276	823323	37.252	ng	# 93
87) Benzo(b)fluoranthene	14.87	252	1030903	48.502	ng	98
88) Benzo(k)fluoranthene	14.89	252	843180	42.472	ng	98
89) Benzo(a)pyrene	15.21	252	855213	45.307	ng	99
90) Dibenzo(a,h)anthracene	16.64	278	691042	43.576	ng	# 95
91) Benzo(g,h,i)perylene	17.03	276	707613	44.631	ng	# 92

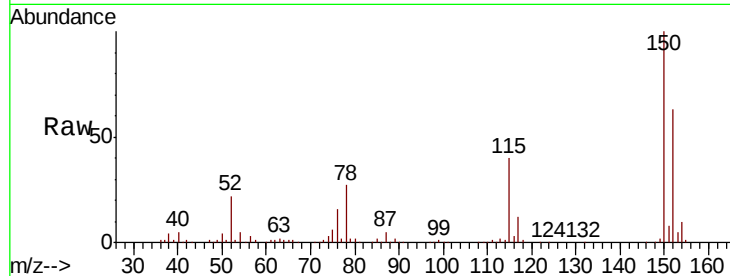
(#) = qualifier out of range (m) = manual integration (+) = signals summed



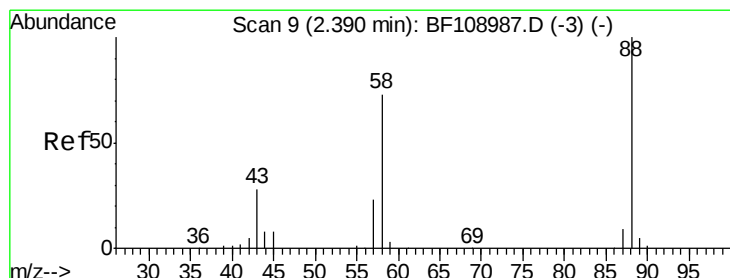
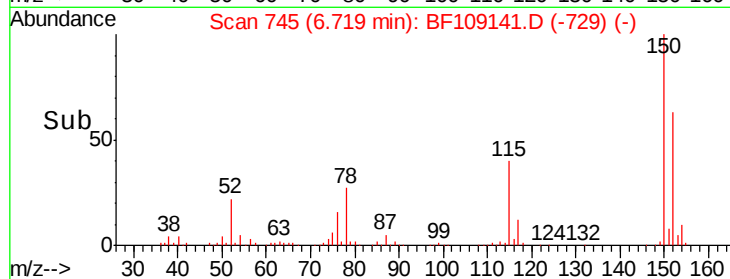
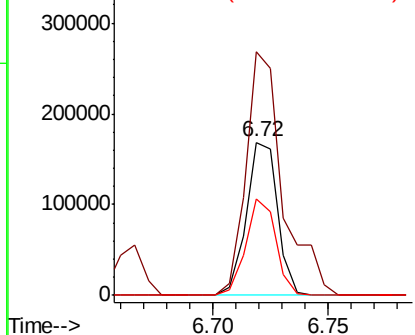
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109141.D
 Acq: 19 Sep 2018 14:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 158916
 Ion Ratio Lower Upper
 152 100
 150 159.0 124.6 186.8
 115 63.2 50.1 75.1

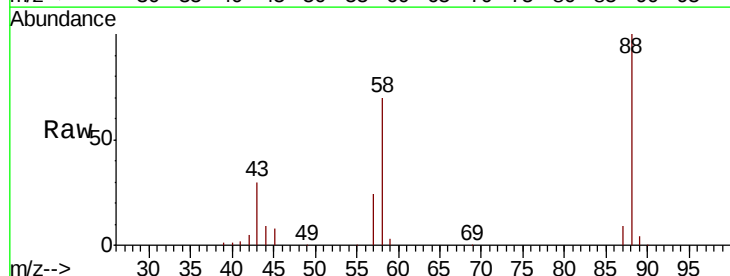


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

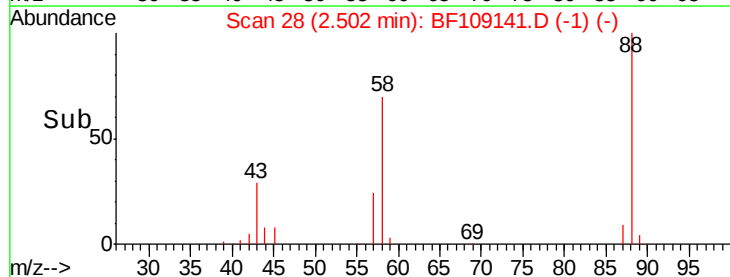
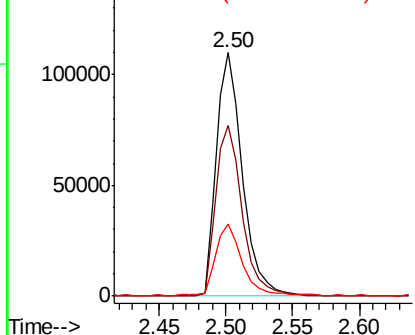


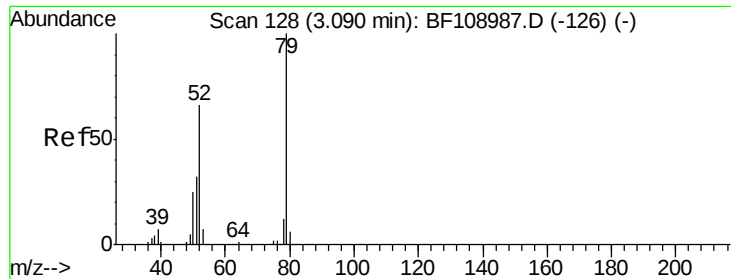
#2
 1,4-Dioxane
 Concen: 33.409 ng
 RT: 2.50 min Scan# 28
 Delta R.T. 0.11 min
 Lab File: BF109141.D
 Acq: 19 Sep 2018 14:06

Tgt Ion: 88 Resp: 152164
 Ion Ratio Lower Upper
 88 100
 58 70.9 62.6 93.8
 43 28.7 24.6 37.0



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





#3

Pvridine

Concen: 33.234 ng

RT: 3.20 min Scan# 147

Delta R.T. 0.11 min

Lab File: BF109141.D

Acq: 19 Sep 2018 14:06

Instrument :

BNA_F

ClientSampleId :

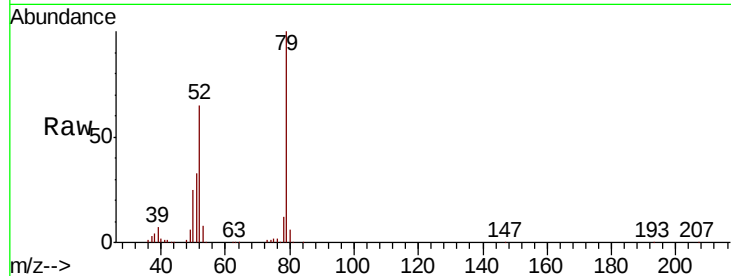
Tot Ion: 79 Resp: 401262

Ion Ratio Lower Upper

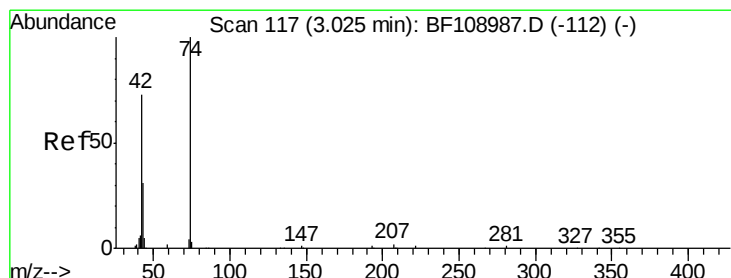
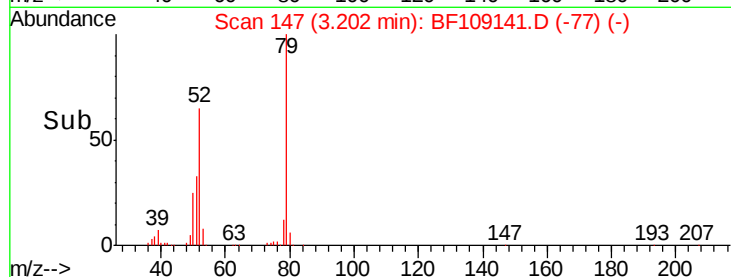
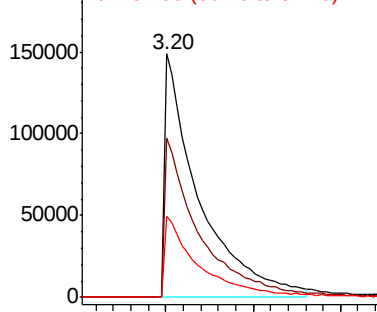
79 100

52 65.4 59.8 89.6

51 33.2 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: 44.519 ng

RT: 3.14 min Scan# 137

Delta R.T. 0.12 min

Lab File: BF109141.D

Acq: 19 Sep 2018 14:06

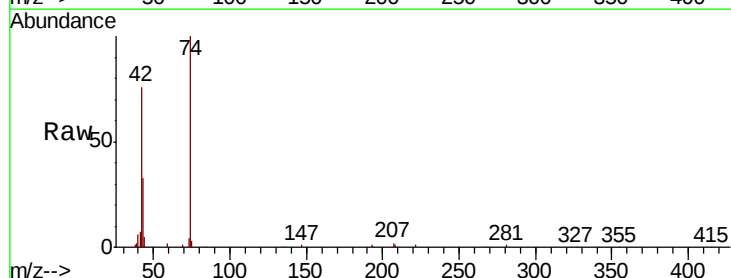
Tgt Ion: 42 Resp: 203004

Ion Ratio Lower Upper

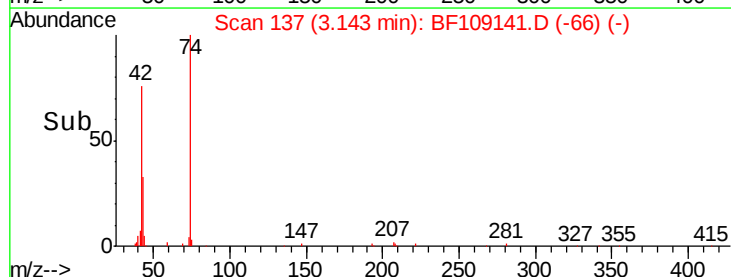
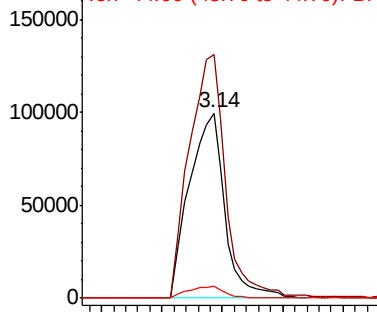
42 100

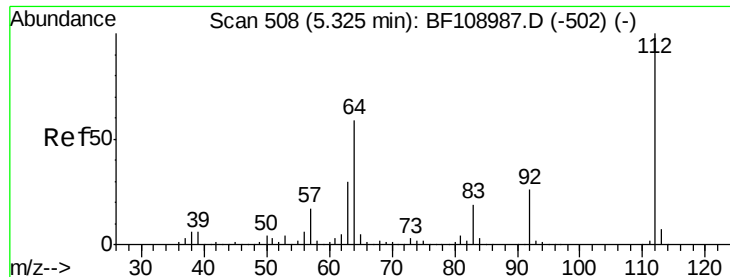
74 131.5 104.9 157.3

44 6.5 6.9 10.3#



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





#5

2-Fluorophenol

Concen: 103.789 ng

RT: 5.35 min Scan# 512

Delta R.T. 0.02 min

Lab File: BF109141.D

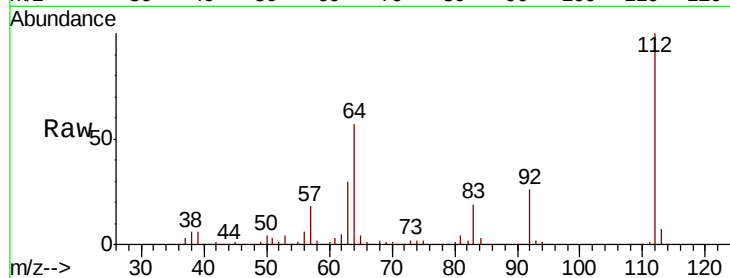
Acq: 19 Sep 2018 14:06

Instrument :

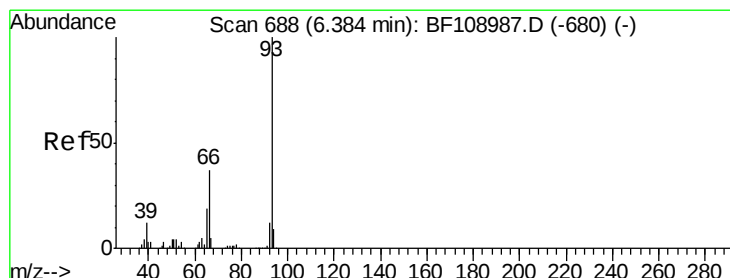
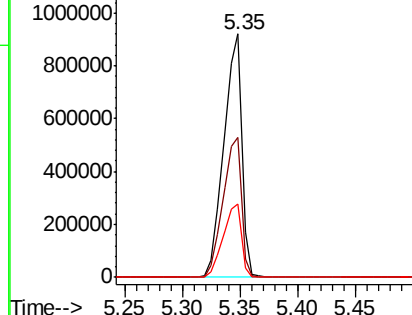
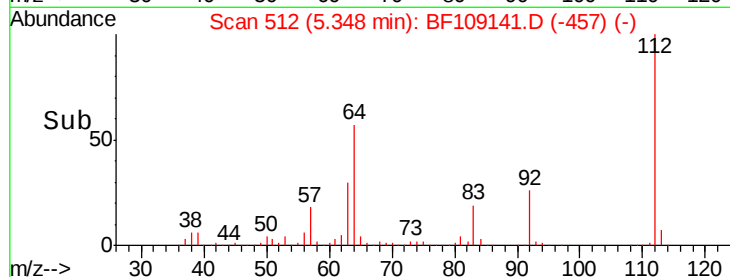
BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	993072
Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.9	71.9
63	30.0	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: 31.105 ng

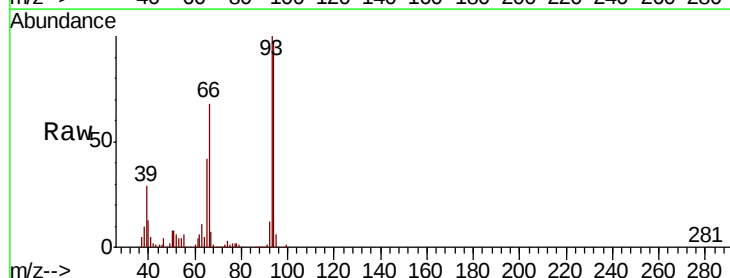
RT: 6.38 min Scan# 688

Delta R.T. 0.00 min

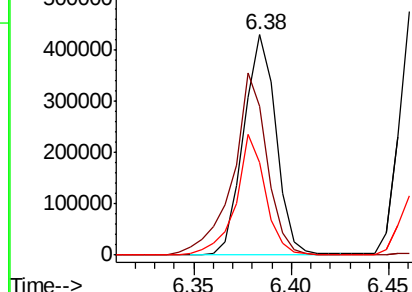
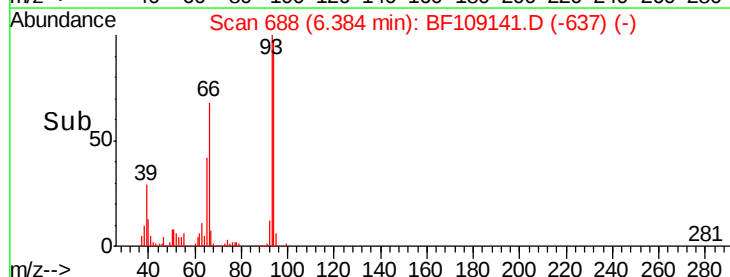
Lab File: BF109141.D

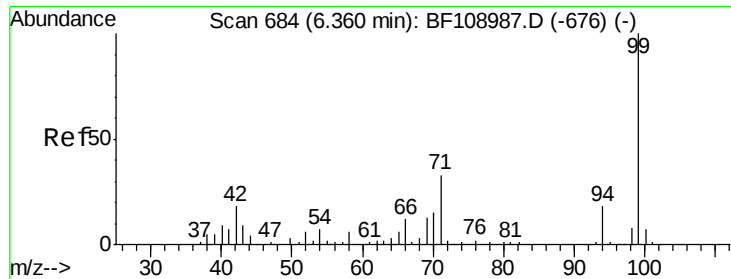
Acq: 19 Sep 2018 14:06

Tgt Ion:	93	Resp:	496029
Ion	Ratio	Lower	Upper
93	100		
66	67.5	32.2	48.2#
65	41.9	16.4	24.6#



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





#7

Phenol-d6

Concen: 104.064 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF109141.D

Acq: 19 Sep 2018 14:06

Instrument :

BNA_F

ClientSampleId :

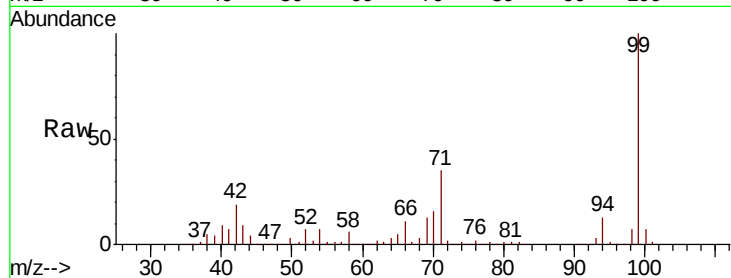
Tot Ion: 99 Resp: 1283911

Ion Ratio Lower Upper

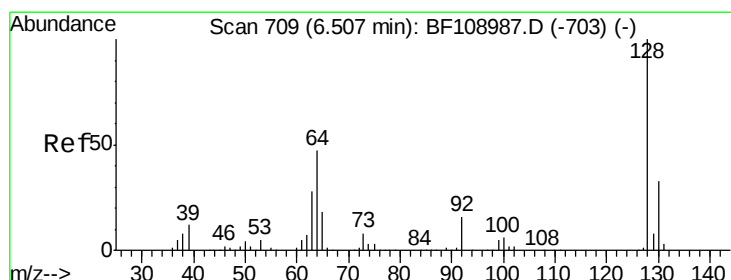
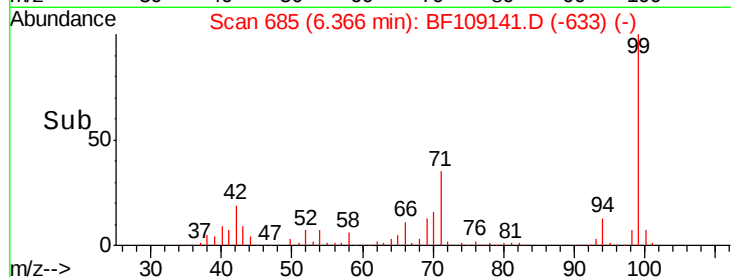
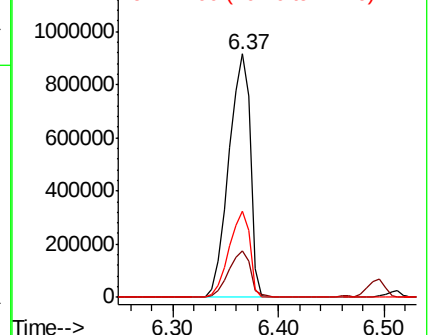
99 100

42 19.2 14.5 21.7

71 35.3 25.4 38.0



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



#8

2-Chlorophenol

Concen: 41.254 ng

RT: 6.51 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF109141.D

Acq: 19 Sep 2018 14:06

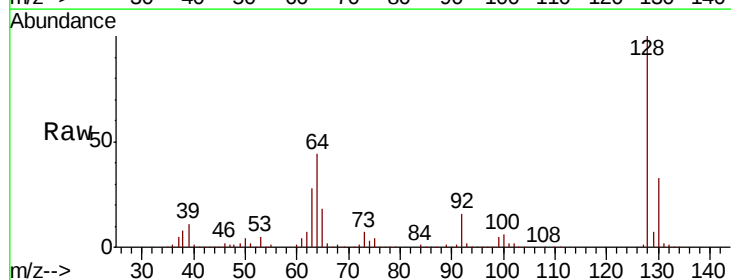
Tgt Ion: 128 Resp: 441735

Ion Ratio Lower Upper

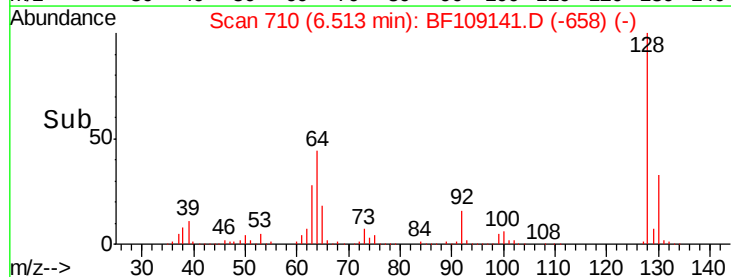
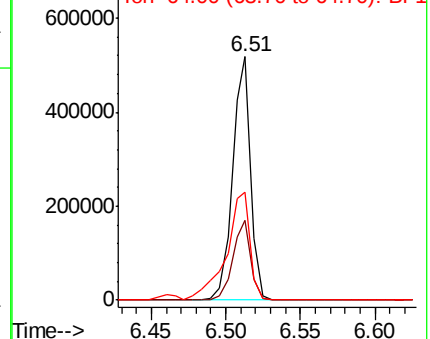
128 100

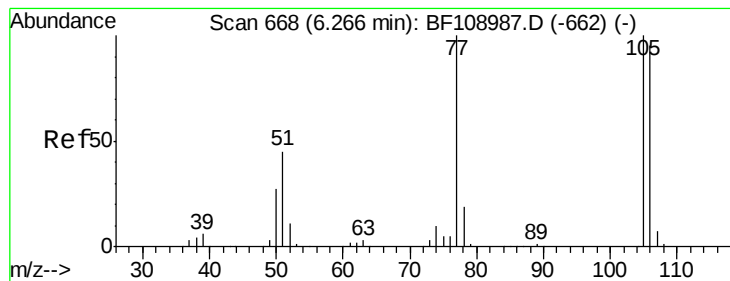
130 32.7 13.0 53.0

64 44.2 29.4 69.4



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





#9

Benzaldehyde

Concen: 29.279 ng

RT: 6.27 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF109141.D

Acq: 19 Sep 2018 14:06

Instrument :

BNA_F

ClientSampleId :

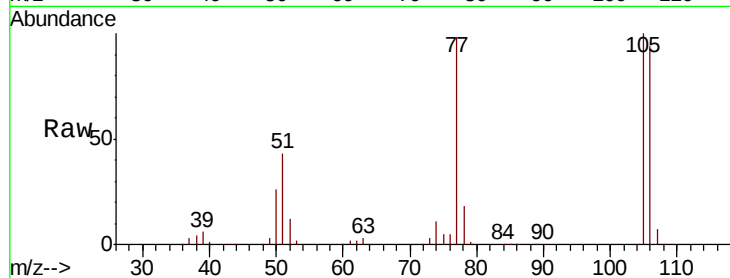
Tot Ion: 77 Resp: 230709

Ion Ratio Lower Upper

77 100

105 101.7 81.1 121.1

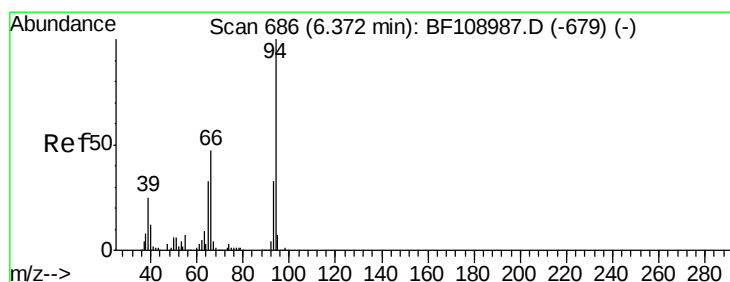
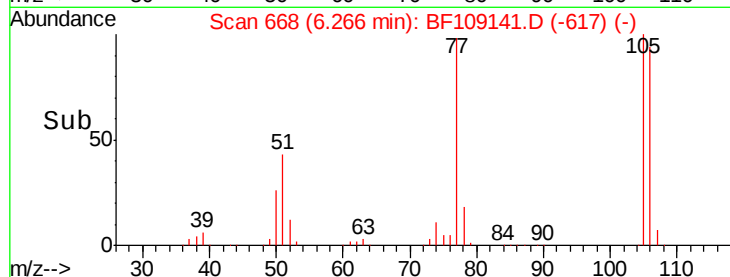
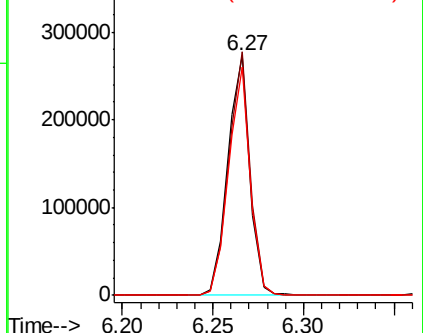
106 95.4 74.5 114.5



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: 38.575 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF109141.D

Acq: 19 Sep 2018 14:06

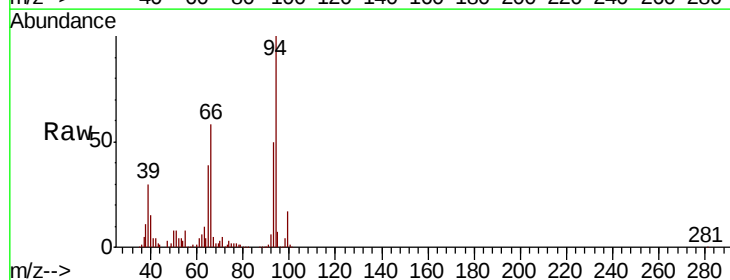
Tgt Ion: 94 Resp: 535506

Ion Ratio Lower Upper

94 100

65 38.5 7.9 47.9

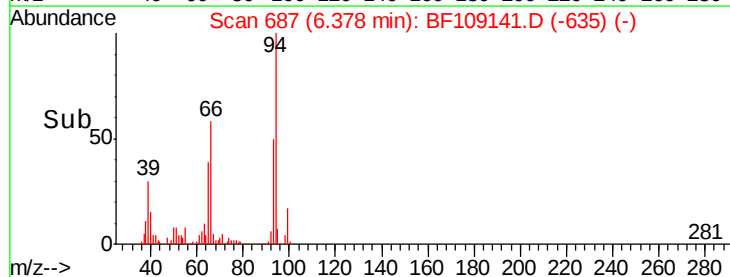
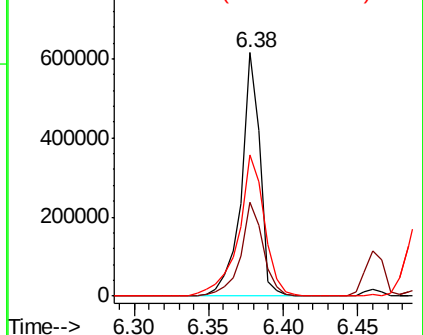
66 58.0 16.2 56.2#

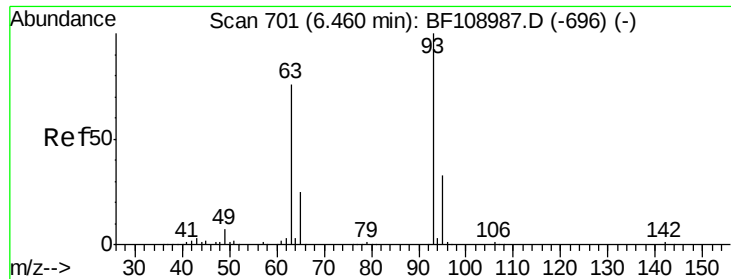


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



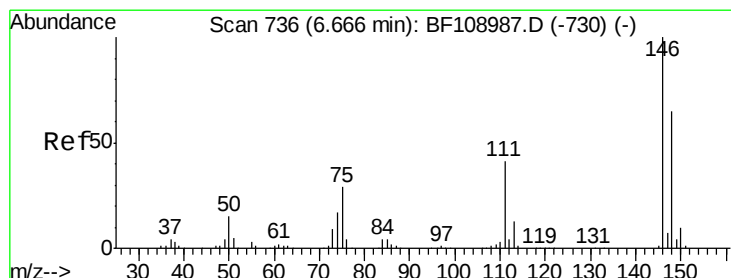
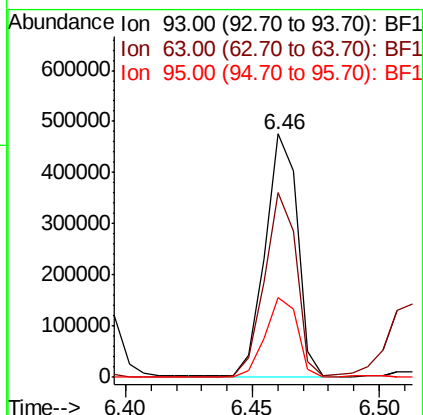
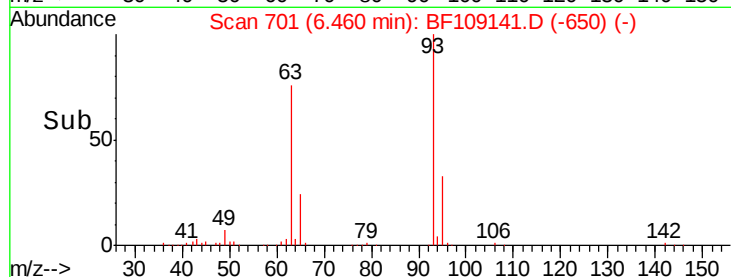
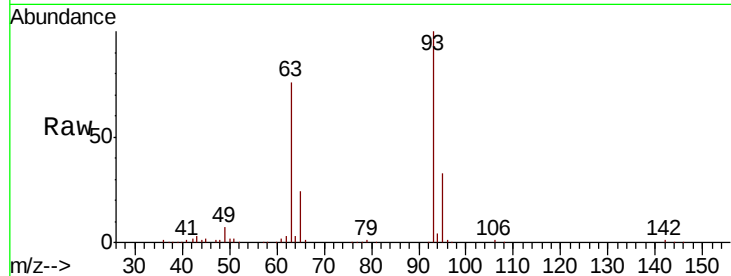


#11
bis(2-Chloroethyl)ether
Concen: 39.089 ng
RT: 6.46 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 426912

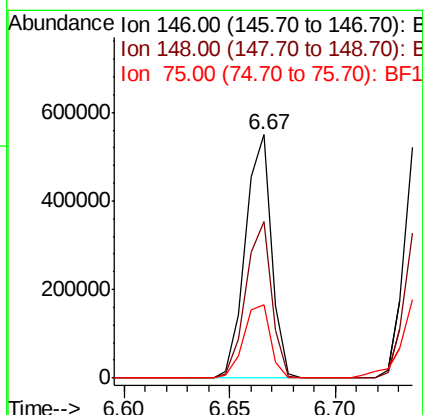
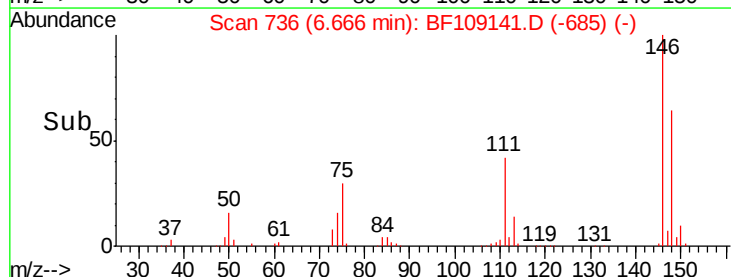
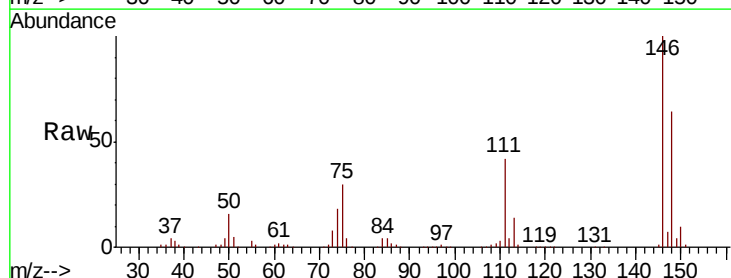
Ion	Ratio	Lower	Upper
93	100		
63	75.9	58.6	98.6
95	32.9	11.8	51.8

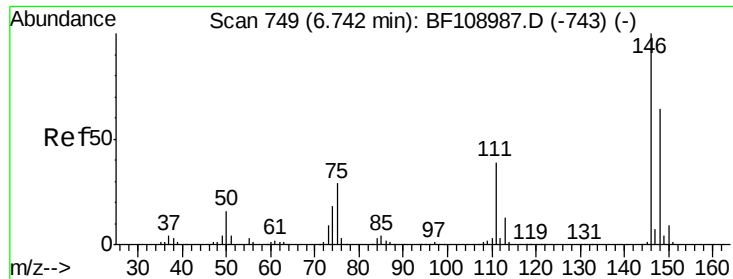


#12
1,3-Dichlorobenzene
Concen: 38.617 ng
RT: 6.67 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

Tgt Ion: 146 Resp: 472881

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
75	30.0	24.2	36.4

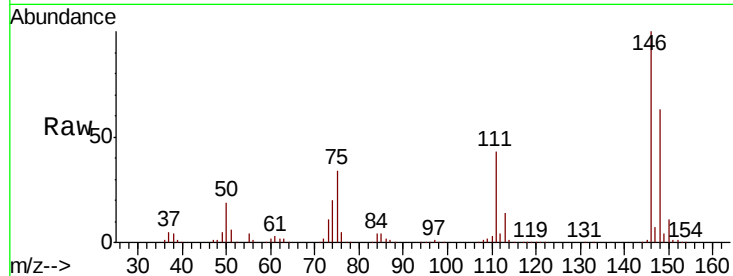




#13
 1,4-Dichlorobenzene
 Concen: 38.600 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF109141.D
 Acq: 19 Sep 2018 14:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.8	76.2
111	42.6	34.2	51.2

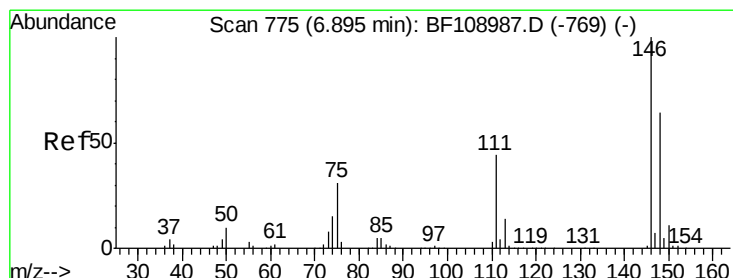
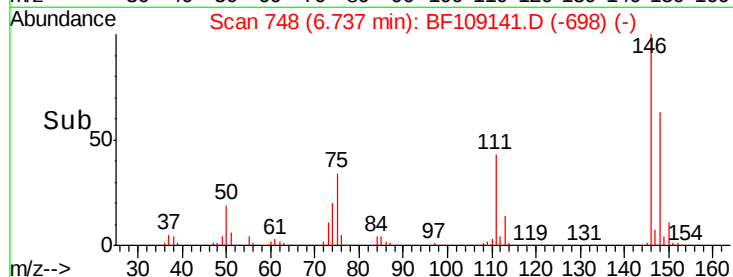
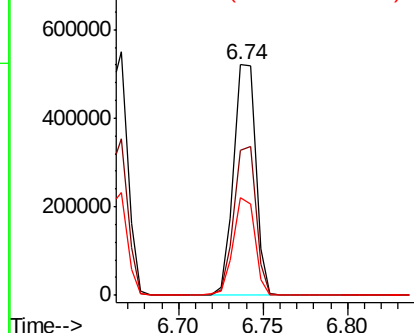


Abundance

Ion 146.00 (145.70 to 146.70): E

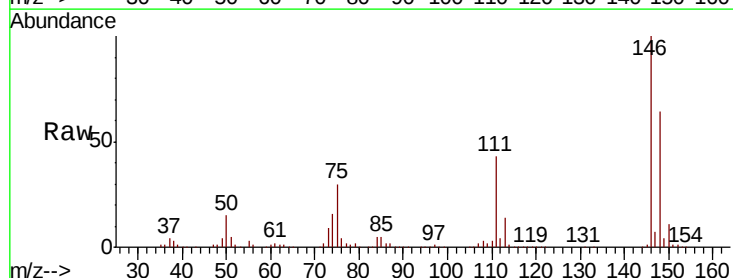
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.996 ng
 RT: 6.90 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF109141.D
 Acq: 19 Sep 2018 14:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	75.8
111	42.7	36.0	54.0

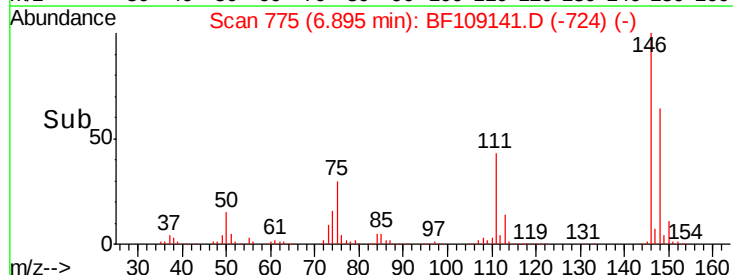
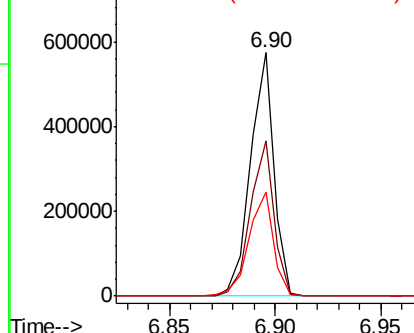


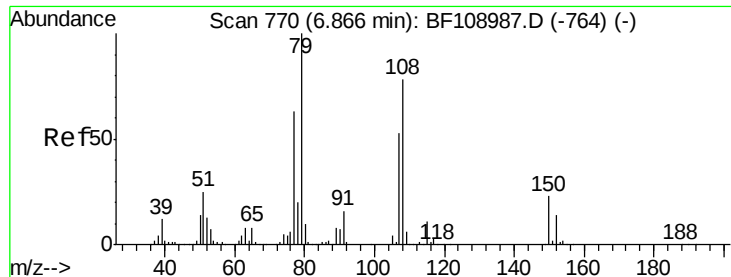
Abundance

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: 40.927 ng

RT: 6.87 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF109141.D

Acq: 19 Sep 2018 14:06

Instrument :

BNA_F

ClientSampled :

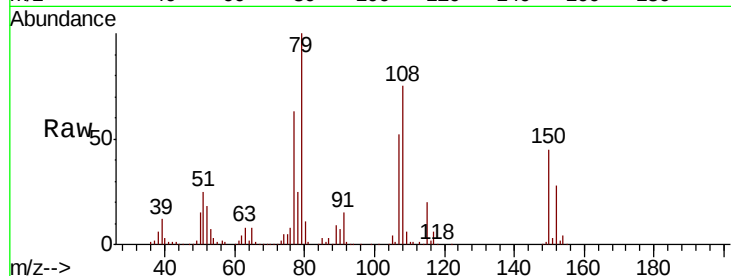
Tot Ion: 79 Resp: 383340

Ion Ratio Lower Upper

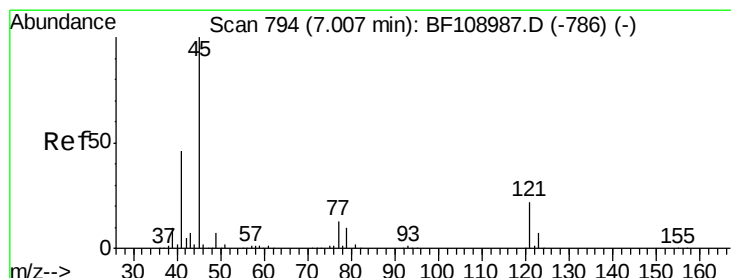
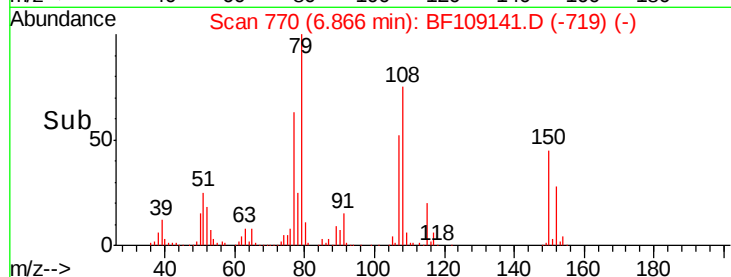
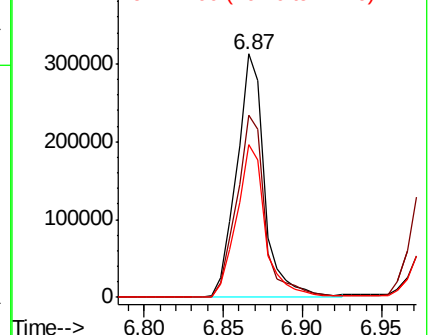
79 100

108 74.8 65.1 97.7

77 62.8 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: 38.830 ng

RT: 7.00 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF109141.D

Acq: 19 Sep 2018 14:06

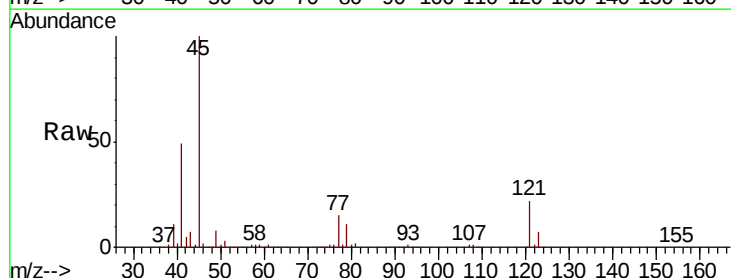
Tgt Ion: 45 Resp: 607615

Ion Ratio Lower Upper

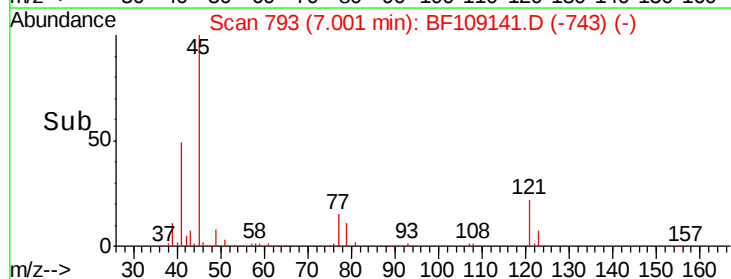
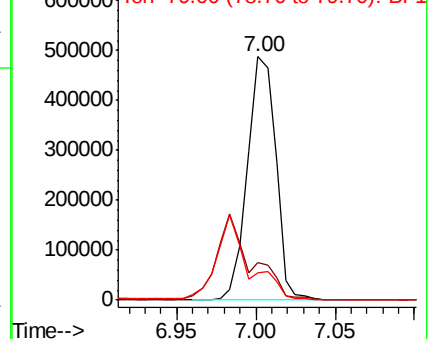
45 100

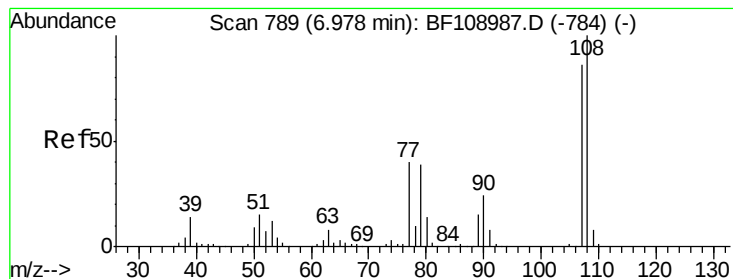
77 15.2 0.0 32.9

79 11.4 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

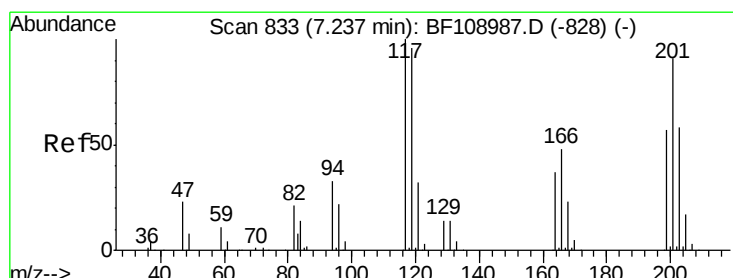
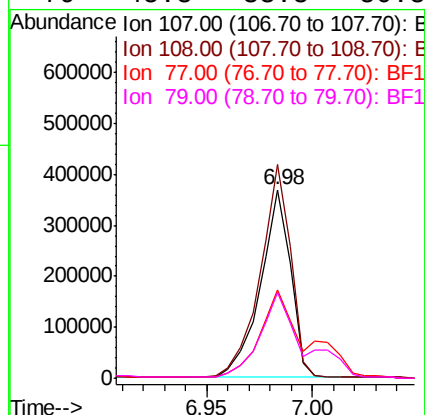
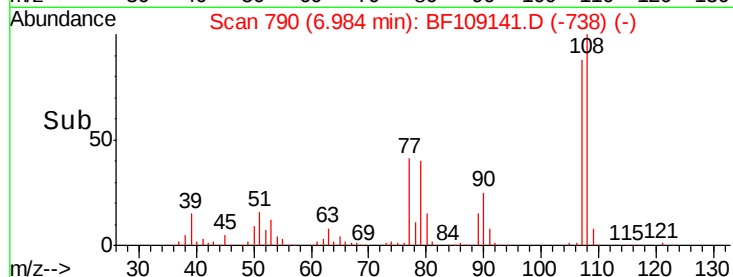
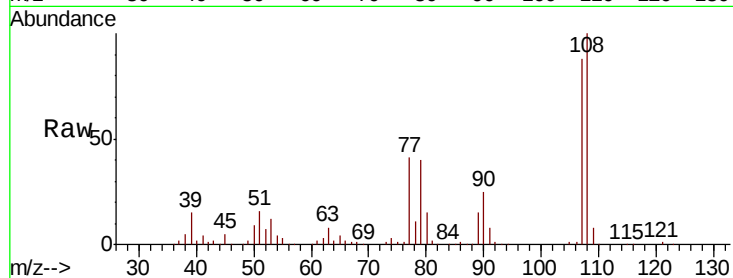




#17
2-Methylphenol
Concen: 42.151 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

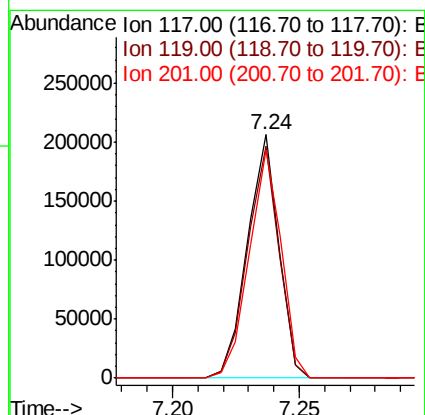
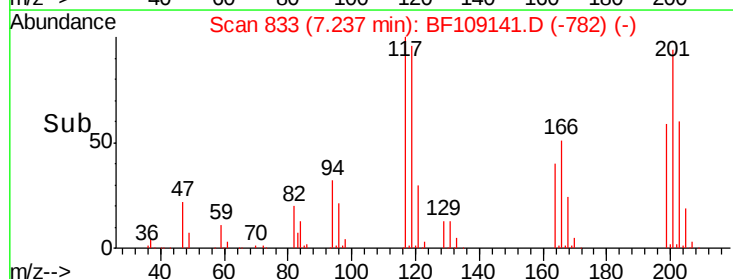
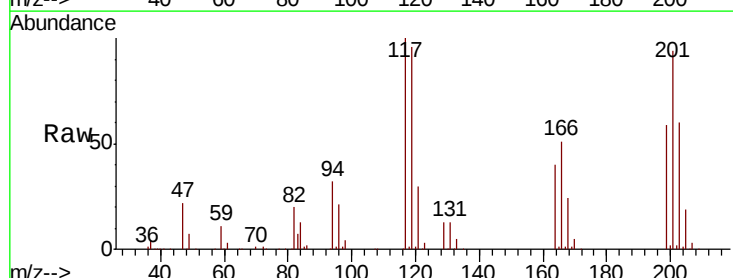
Instrument :
BNA_F
ClientSampleId :

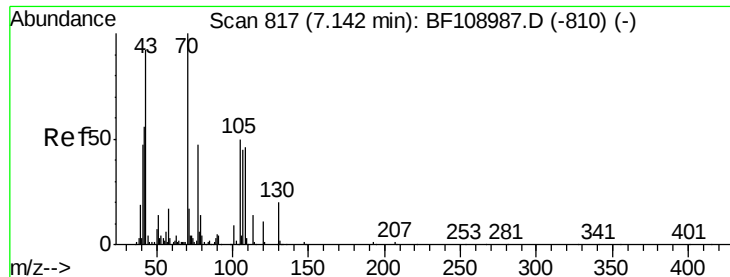
Tot Ion:107 Resp: 368229
Ion Ratio Lower Upper
107 100
108 113.5 91.7 137.5
77 47.0 33.8 50.8
79 45.8 33.8 50.8



#18
Hexachloroethane
Concen: 39.874 ng
RT: 7.24 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

Tgt Ion:117 Resp: 177905
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.8
201 93.9 75.7 113.5

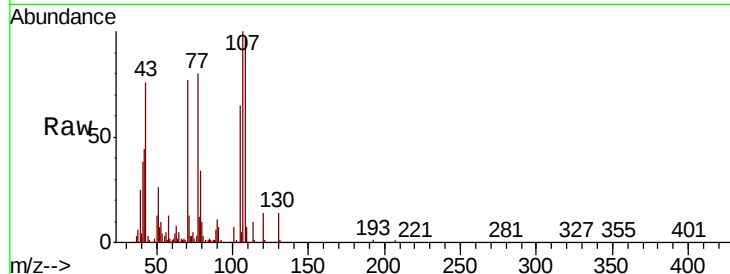




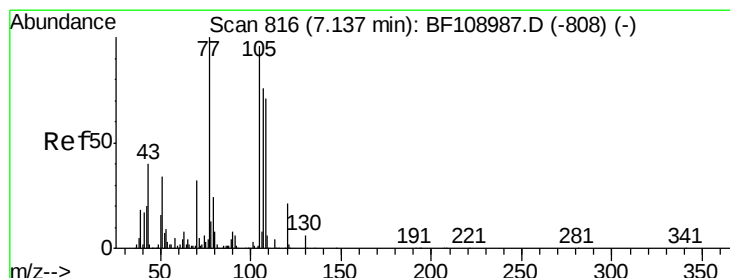
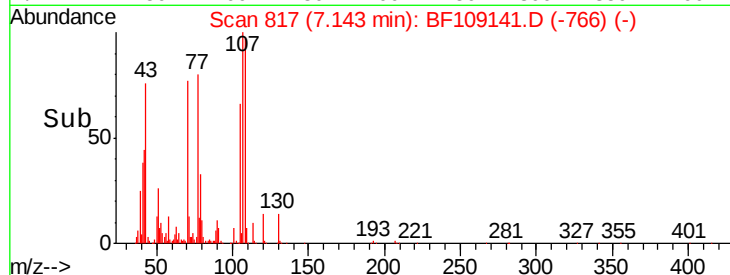
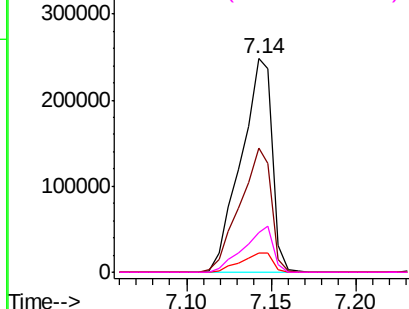
#19
n-Nitroso-di-n-propylamine
Concen: 39.394 ng
RT: 7.14 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 321264
Ion Ratio Lower Upper
70 100
42 57.9 47.5 71.3
101 9.2 7.4 11.2
130 18.4 16.6 25.0

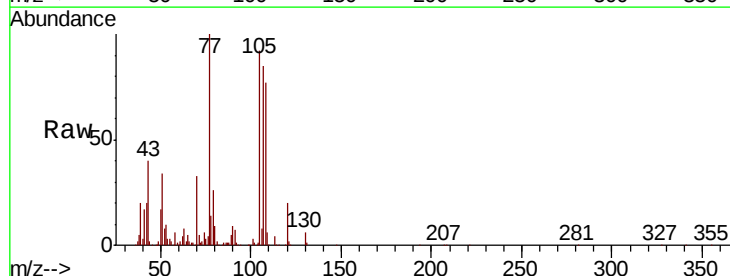


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

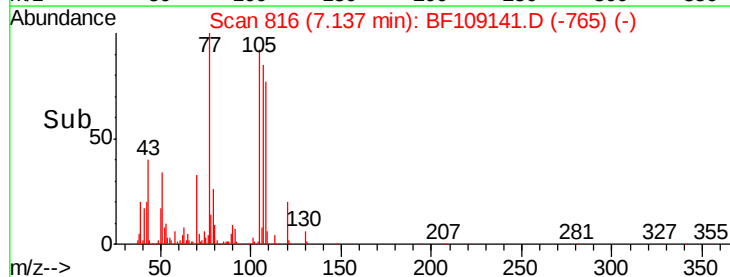
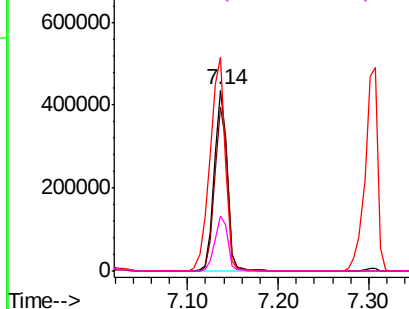


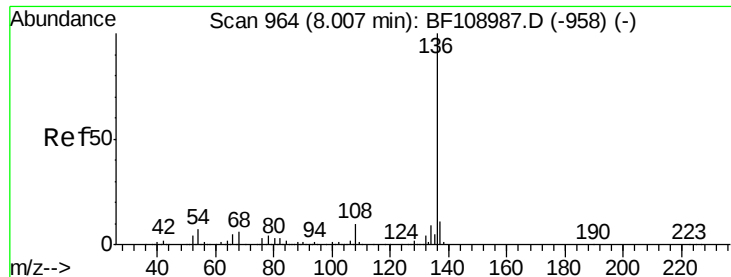
#20
3+4-Methylphenols
Concen: 40.869 ng
RT: 7.14 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

Tgt Ion:107 Resp: 429986
Ion Ratio Lower Upper
107 100
108 90.4 68.2 108.2
77 118.0 26.7 66.7#
79 30.8 6.3 46.3



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

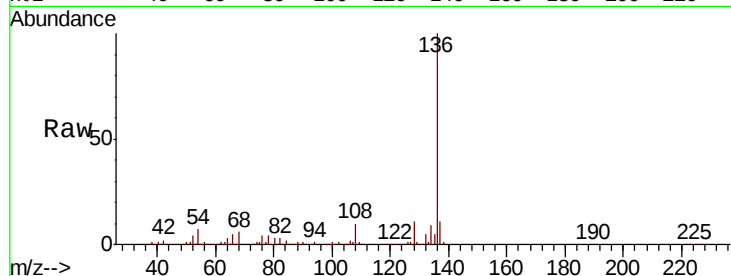




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	664836
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	6.7	6.6 9.8
68	5.6	5.0 7.4



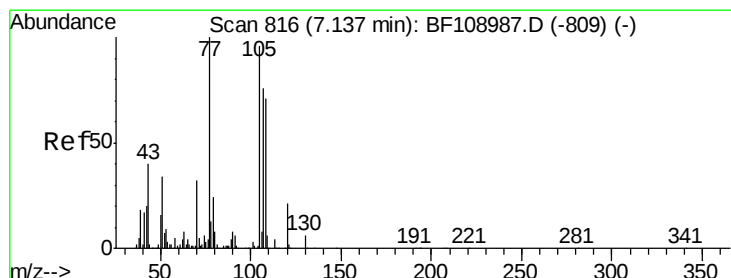
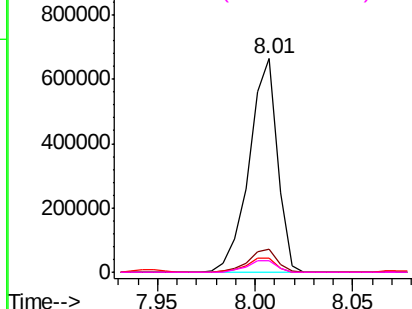
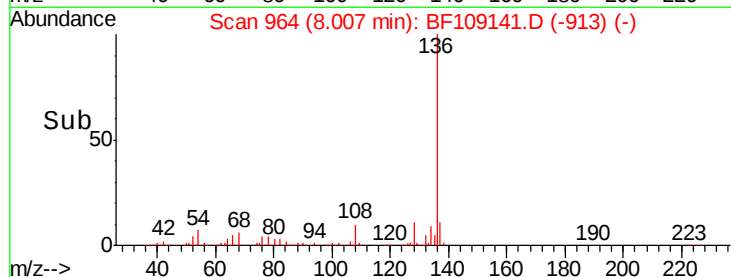
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

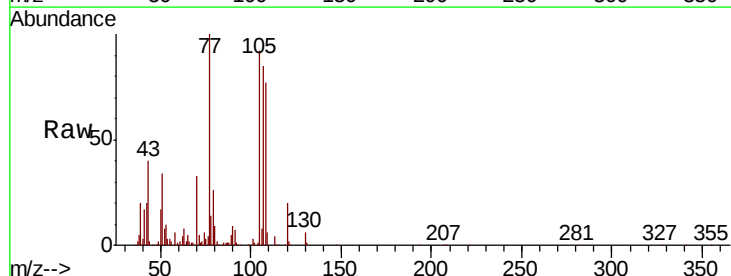
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 39.514 ng
RT: 7.14 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

Tgt Ion:105	Resp:	596594
Ion Ratio	Lower	Upper
105	100	
71	6.0	4.4 6.6
51	36.8	22.3 33.5#
120	21.4	16.9 25.3



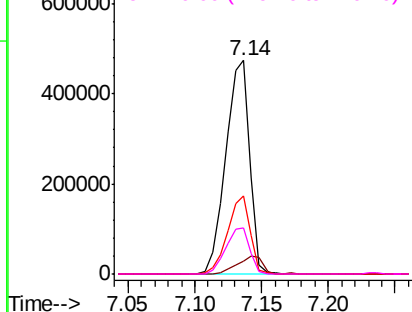
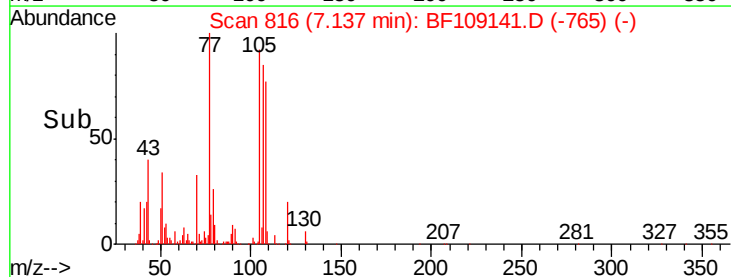
Abundance

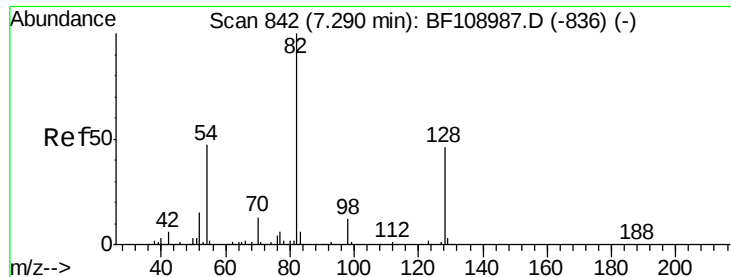
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

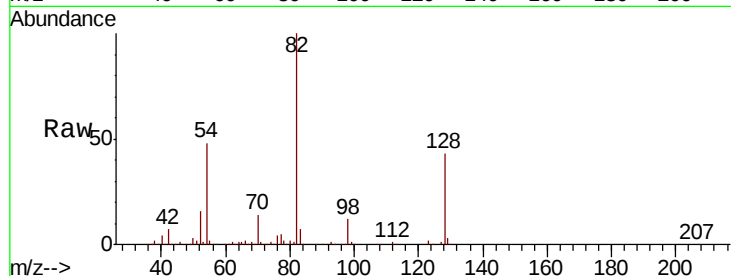




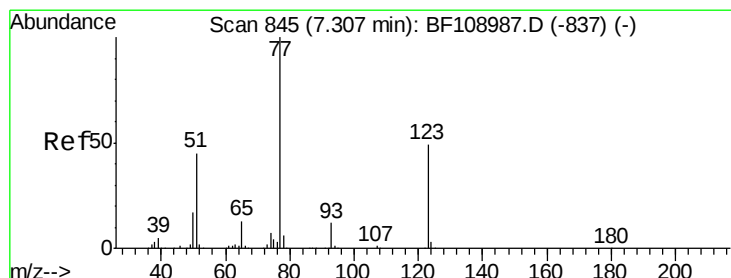
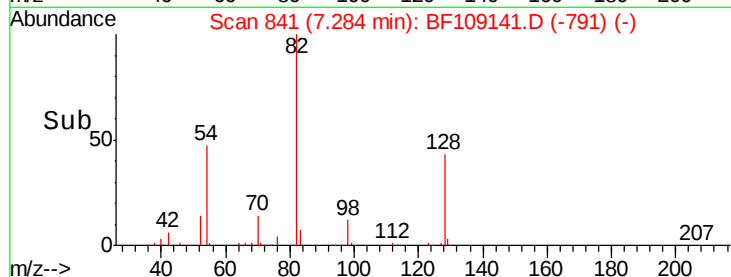
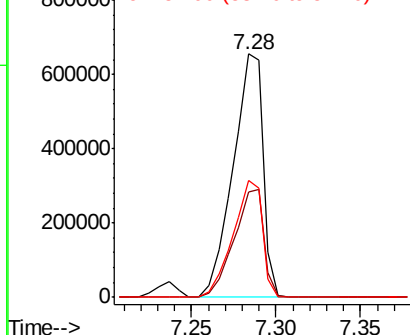
#23
 Nitrobenzene-d5
 Concen: 68.516 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109141.D
 Acq: 19 Sep 2018 14:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	812145
Ion Ratio	Lower	Upper	
82	100		
128	43.2	36.1	54.1
54	47.9	41.4	62.2

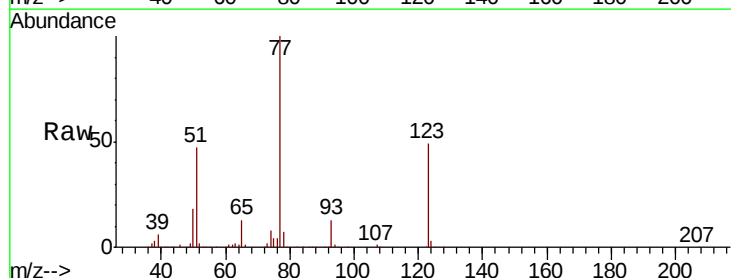


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

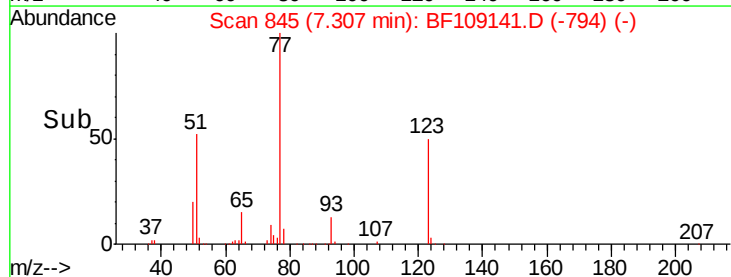
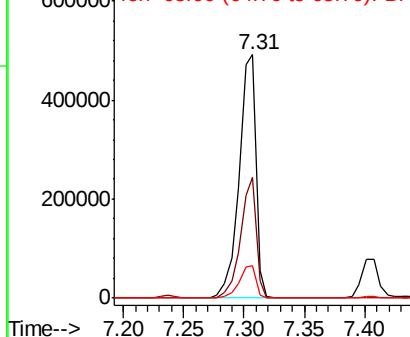


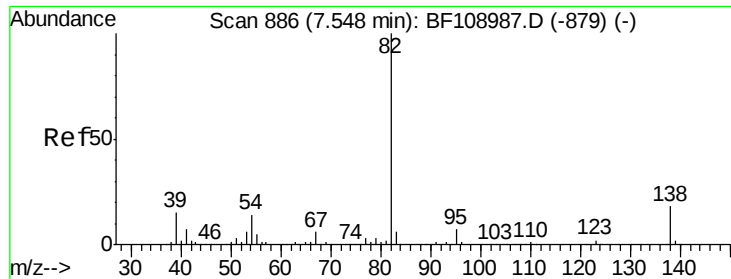
#24
 Nitrobenzene
 Concen: 39.265 ng
 RT: 7.31 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF109141.D
 Acq: 19 Sep 2018 14:06

Tgt Ion	77	Resp	479861
Ion Ratio	Lower	Upper	
77	100		
123	49.4	37.9	56.9
65	13.3	11.0	16.4



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





#25

Isophorone

Concen: 43.641 ng

RT: 7.55 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF109141.D

Acq: 19 Sep 2018 14:06

Instrument :

BNA_F

ClientSampled :

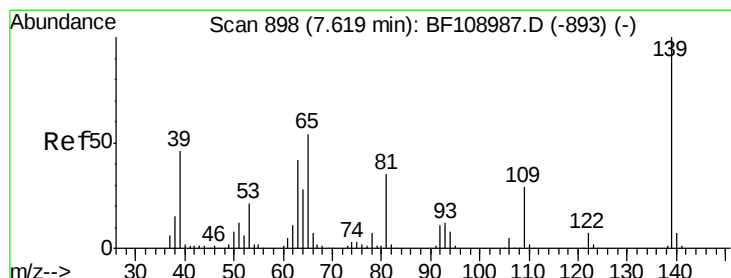
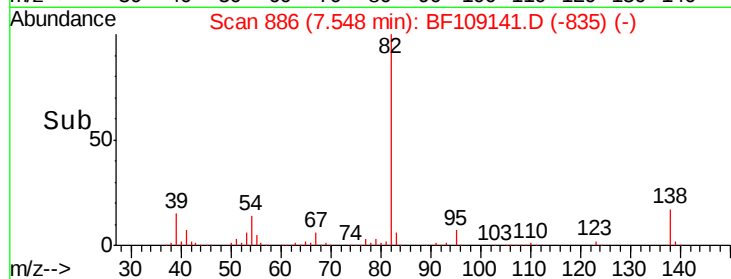
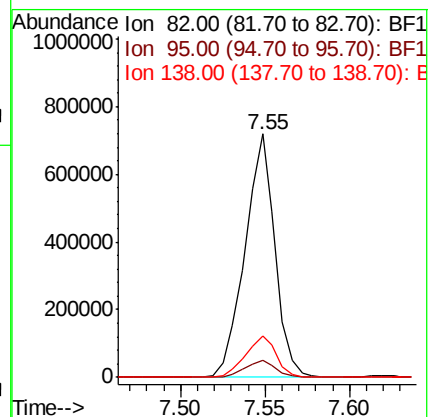
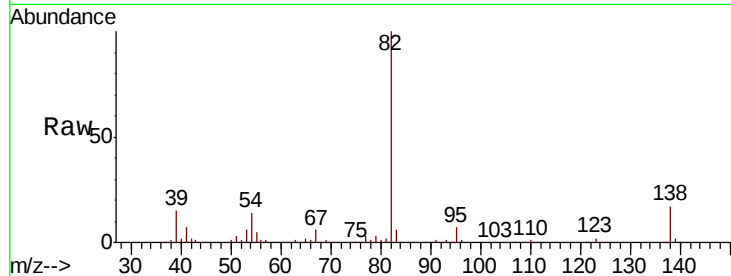
Tot Ion: 82 Resp: 889210

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 17.3 14.9 22.3



#26

2-Nitrophenol

Concen: 40.974 ng

RT: 7.62 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF109141.D

Acq: 19 Sep 2018 14:06

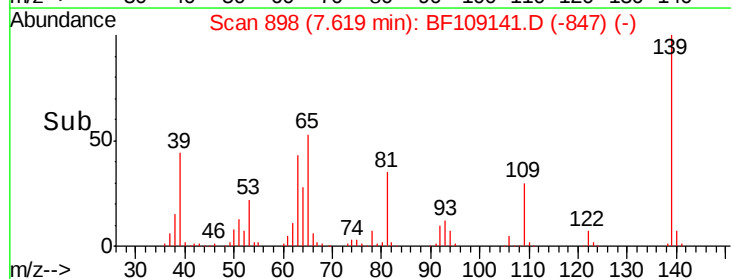
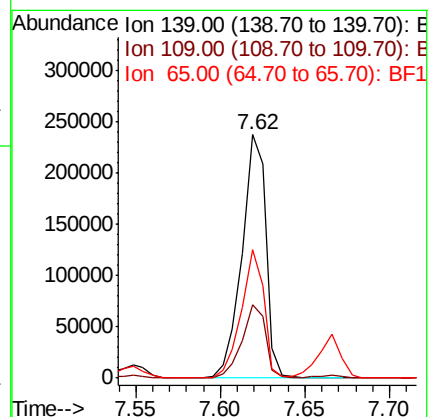
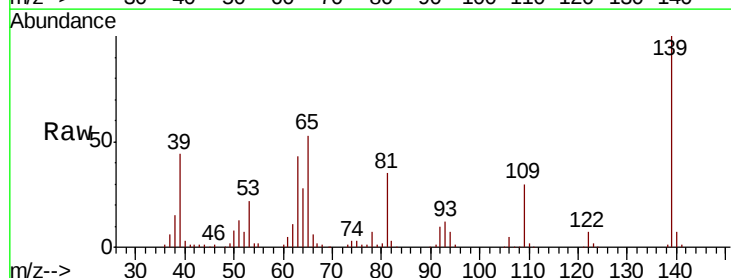
Tgt Ion: 139 Resp: 233822

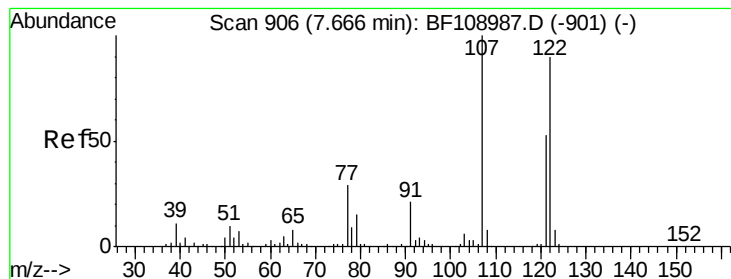
Ion Ratio Lower Upper

139 100

109 29.9 22.7 34.1

65 53.0 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 45.470 ng

RT: 7.67 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF109141.D

Acq: 19 Sep 2018 14:06

Instrument :

BNA_F

ClientSampleId :

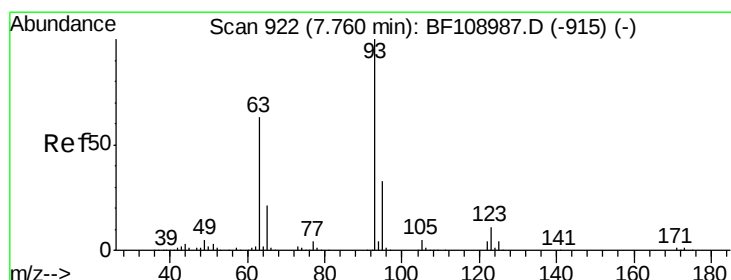
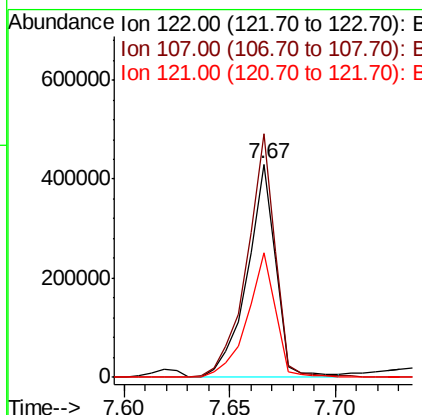
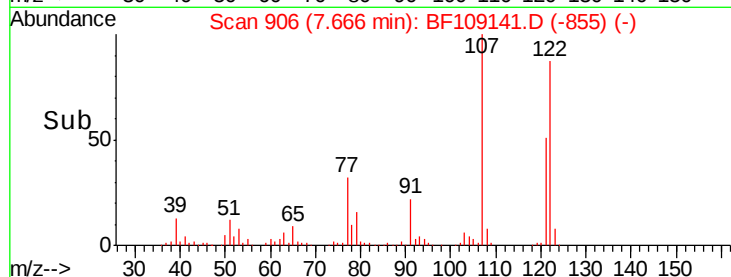
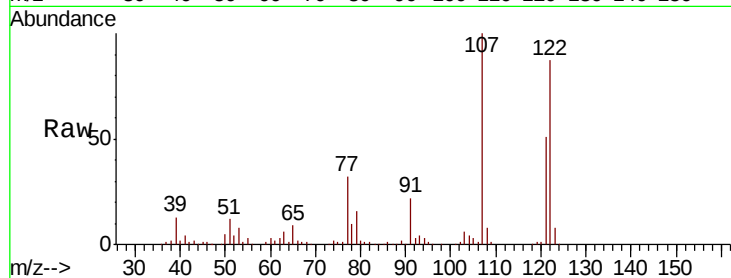
Tot Ion:122 Resp: 407016

Ion Ratio Lower Upper

122 100

107 114.4 91.2 136.8

121 58.5 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 39.835 ng

RT: 7.76 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF109141.D

Acq: 19 Sep 2018 14:06

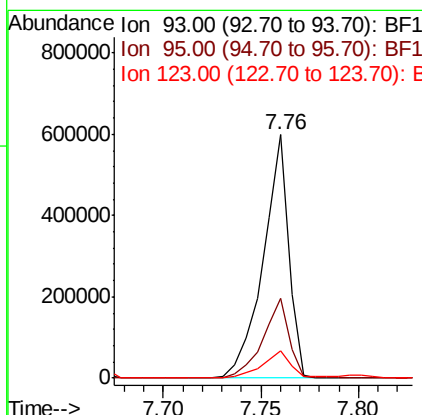
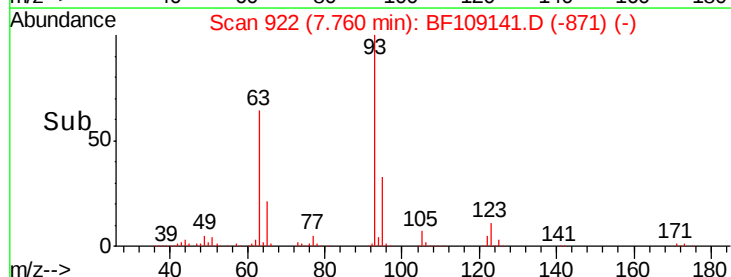
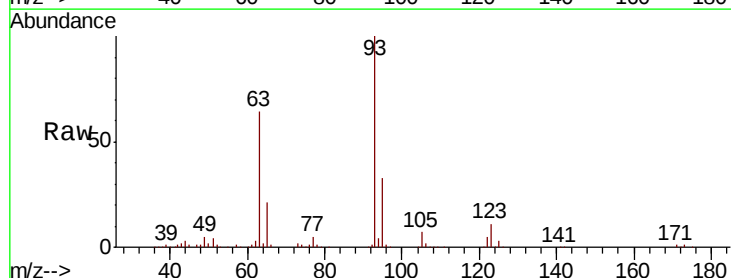
Tgt Ion: 93 Resp: 546199

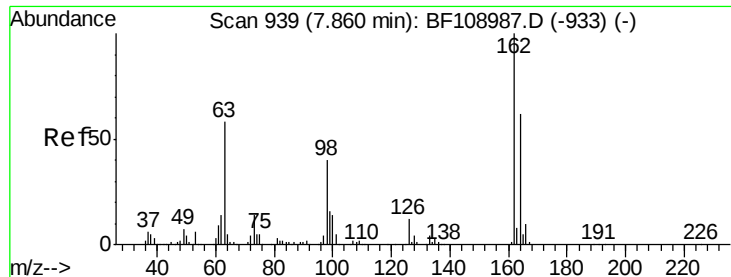
Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

123 11.1 9.8 14.6

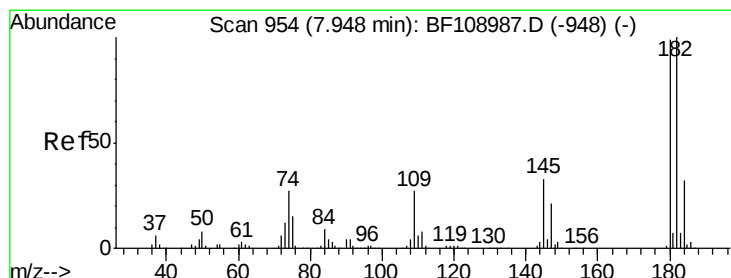
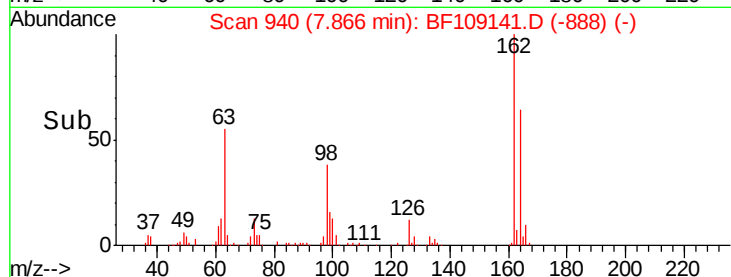
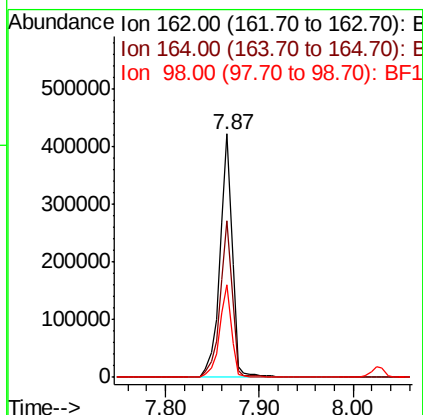
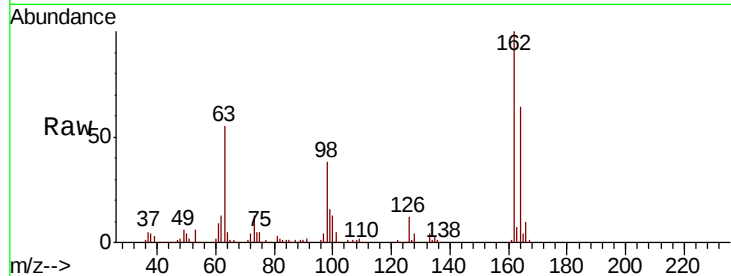




#29
2,4-Dichlorophenol
Concen: 40.479 ng
RT: 7.87 min Scan# 940
Delta R.T. 0.01 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

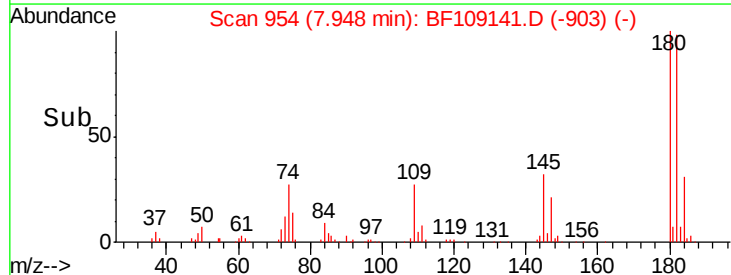
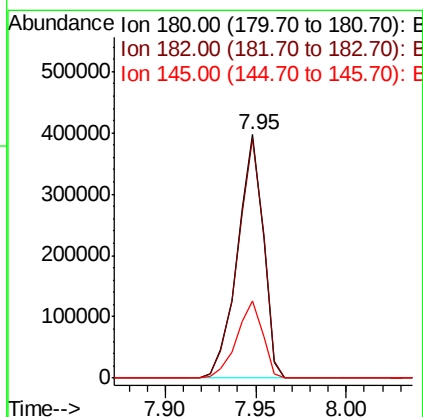
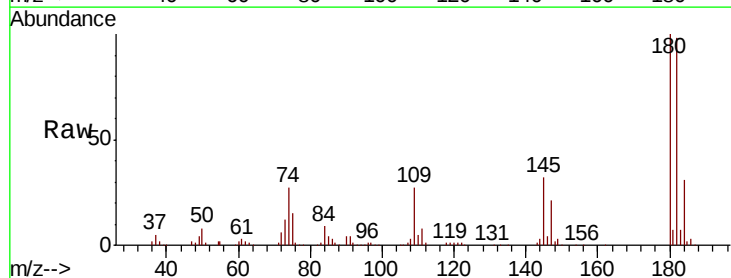
Instrument :
BNA_F
ClientSampleId :

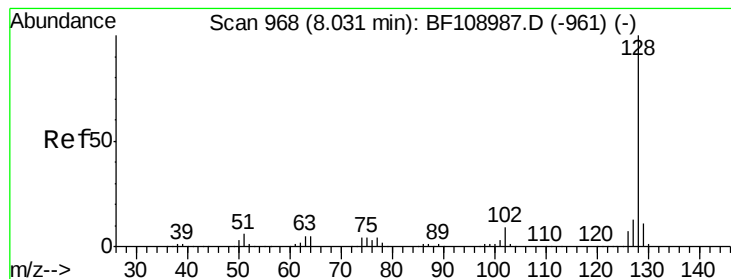
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	42.7	82.7
98	38.0	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 37.897 ng
RT: 7.95 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.5	76.8	115.2
145	32.0	26.5	39.7





#31

Naphthalene

Concen: 40.533 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF109141.D

Acq: 19 Sep 2018 14:06

Instrument :

BNA_F

ClientSampleId :

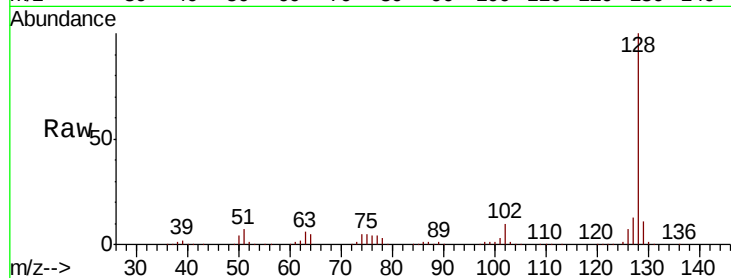
Tot Ion:128 Resp: 1250755

Ion Ratio Lower Upper

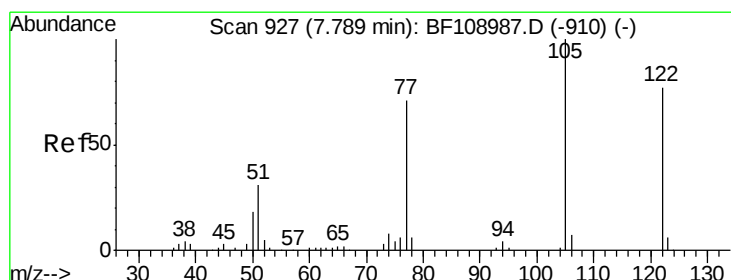
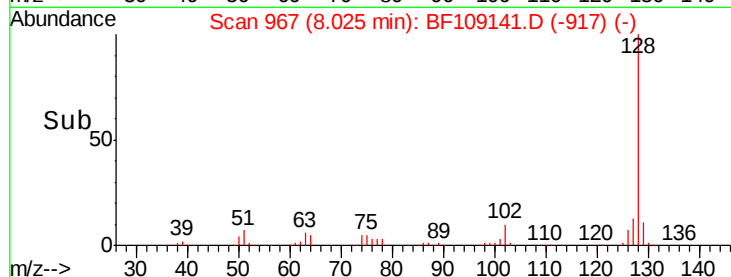
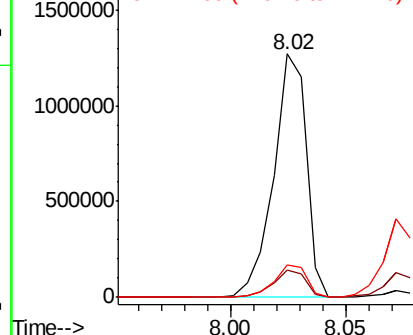
128 100

129 11.5 8.8 13.2

127 13.5 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: 40.325 ng

RT: 7.80 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF109141.D

Acq: 19 Sep 2018 14:06

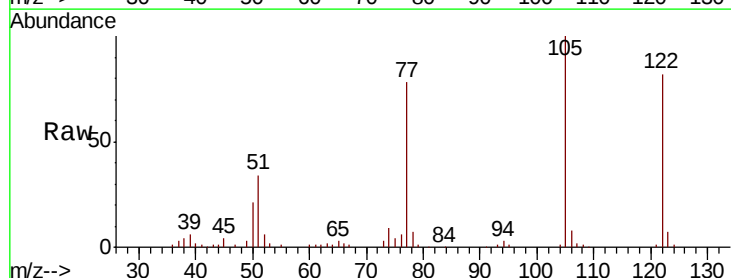
Tgt Ion:122 Resp: 235863

Ion Ratio Lower Upper

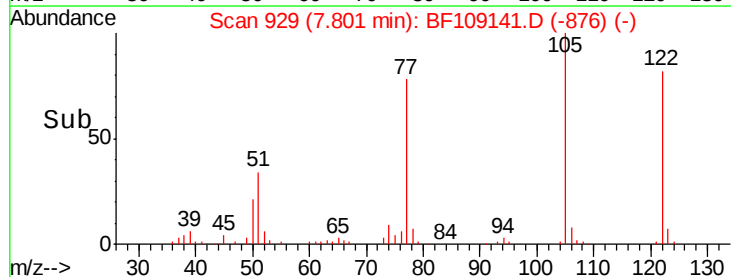
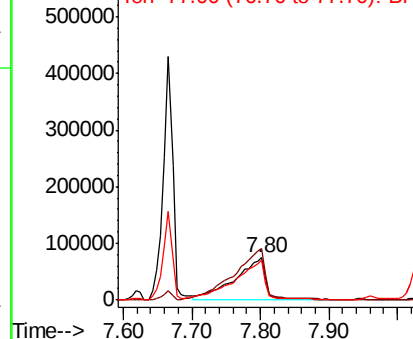
122 100

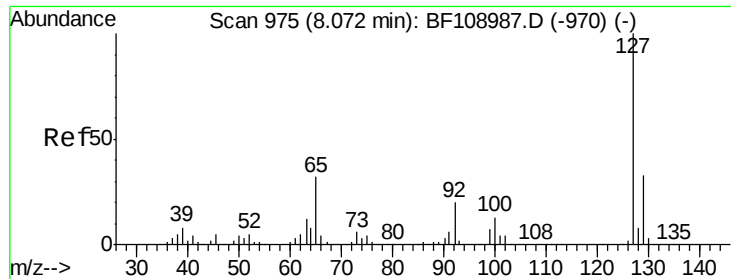
105 122.6 101.1 141.1

77 95.8 70.7 110.7



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

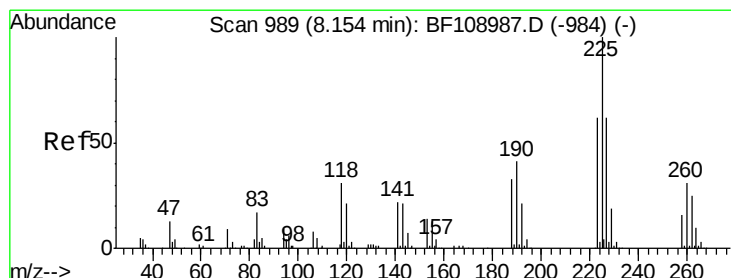
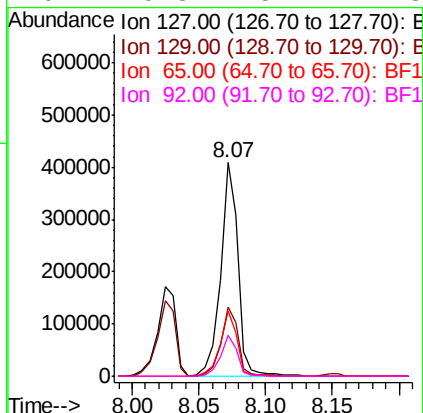
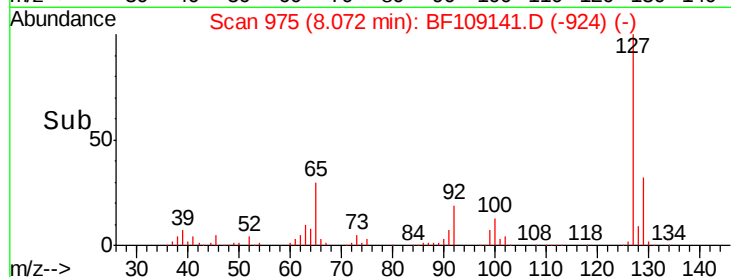
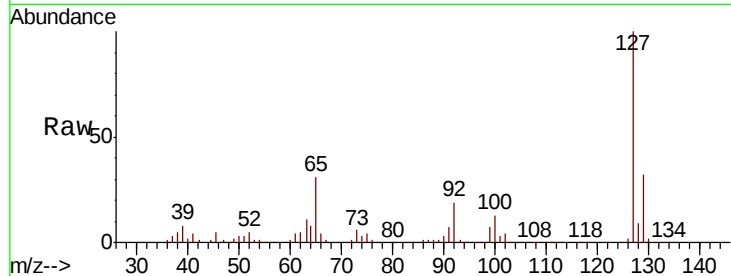




#33
4-Chloroaniline
Concen: 27.306 ng
RT: 8.07 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

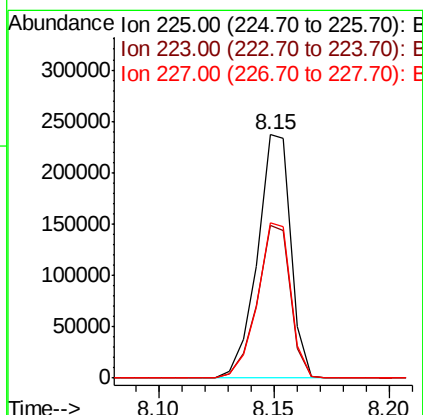
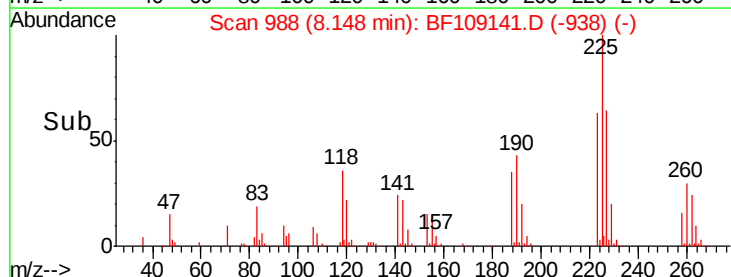
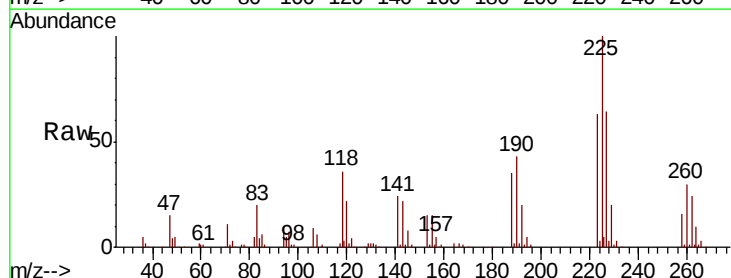
Instrument :
BNA_F
ClientSampleId :

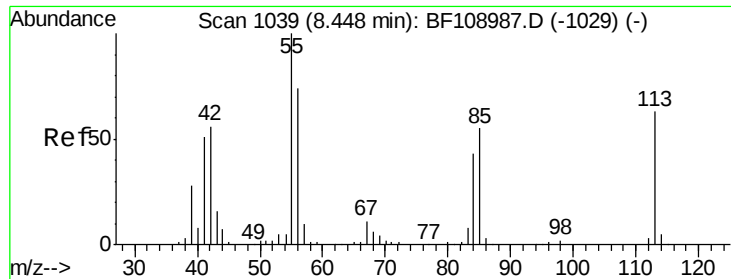
Tot Ion:	127	Resp:	374640
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	30.6	25.0	37.4
92	19.3	15.2	22.8



#34
Hexachlorobutadiene
Concen: 37.914 ng
RT: 8.15 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

Tgt Ion:	225	Resp:	238666
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	63.9	51.9	77.9

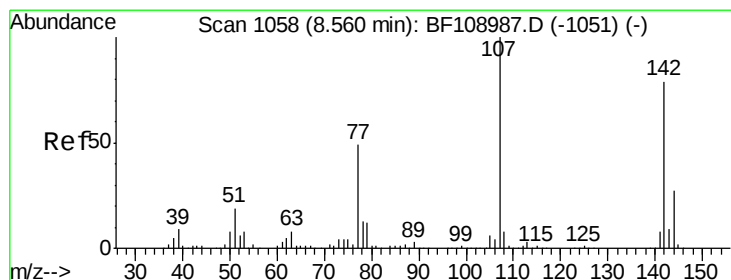
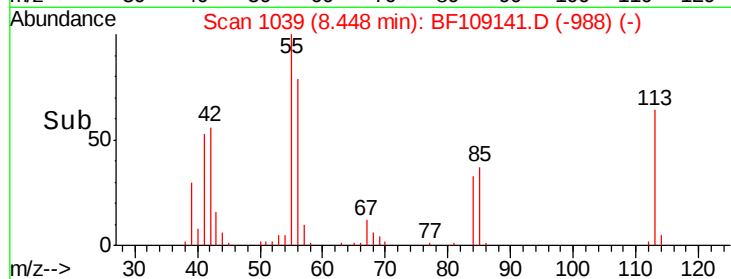
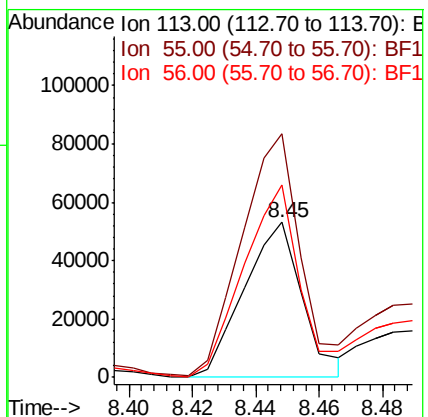
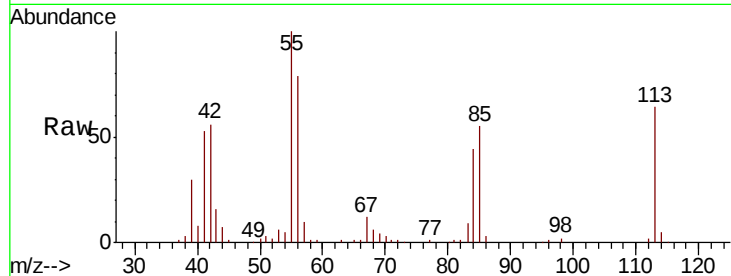




#35
Caprolactam
Concen: 21.808 ng
RT: 8.45 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

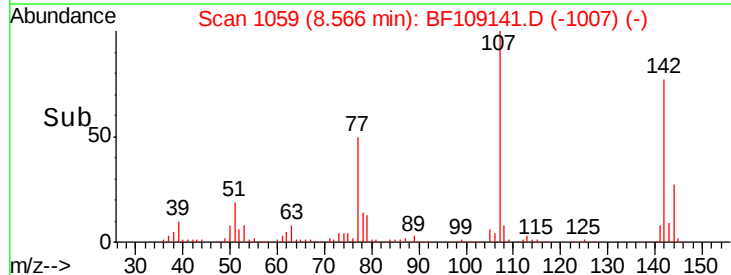
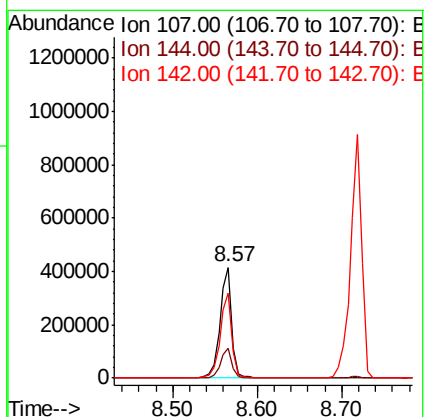
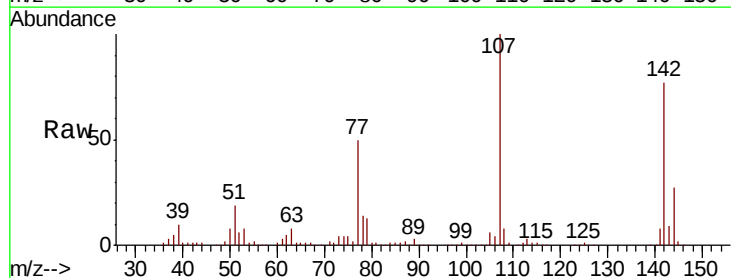
Instrument :
BNA_F
ClientSampled :

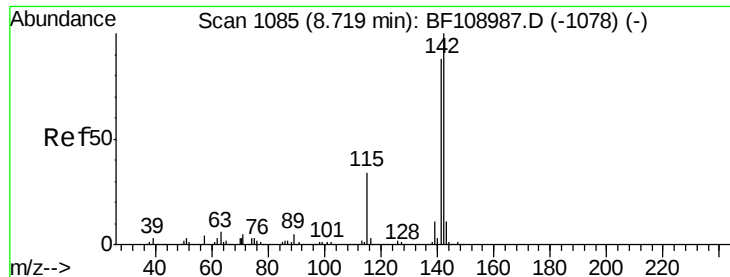
Tot Ion:113 Resp: 67822
Ion Ratio Lower Upper
113 100
55 156.8 163.3 203.3#
56 123.6 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 40.389 ng
RT: 8.57 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

Tgt Ion:107 Resp: 405574
Ion Ratio Lower Upper
107 100
144 26.6 20.5 30.7
142 77.0 62.0 93.0

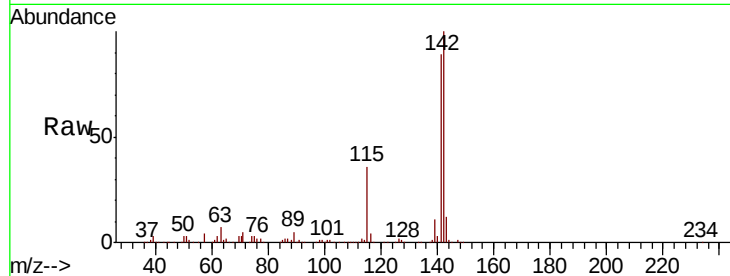




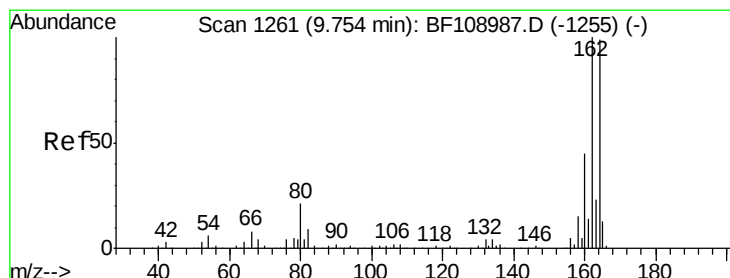
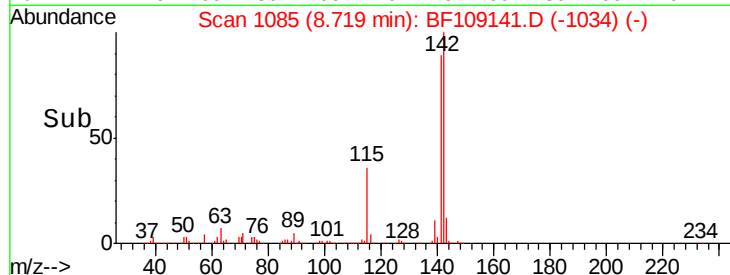
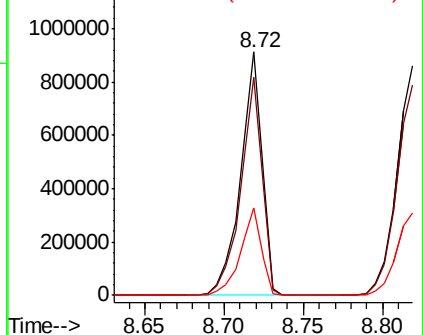
#37
2-Methylnaphthalene
Concen: 42.532 ng
RT: 8.72 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 855523
Ion Ratio Lower Upper
142 100
141 89.4 70.8 106.2
115 35.7 26.1 39.1

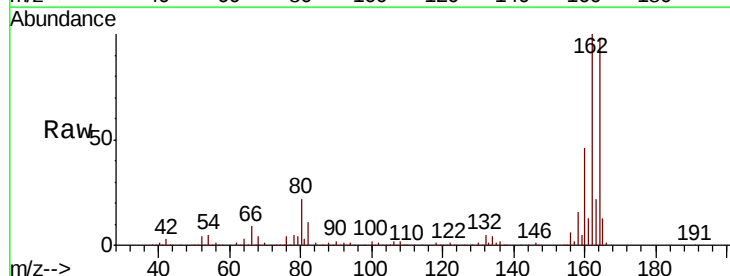


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

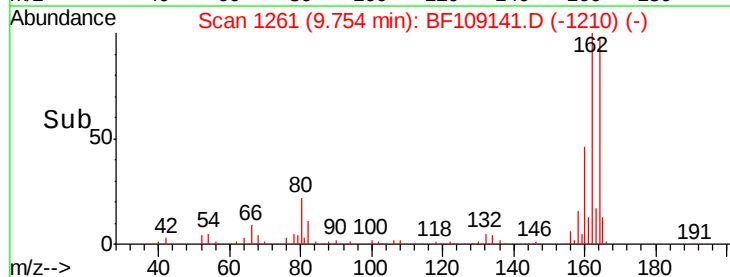
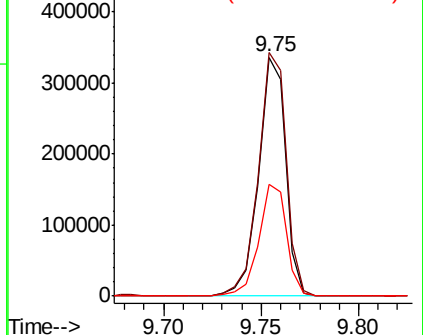


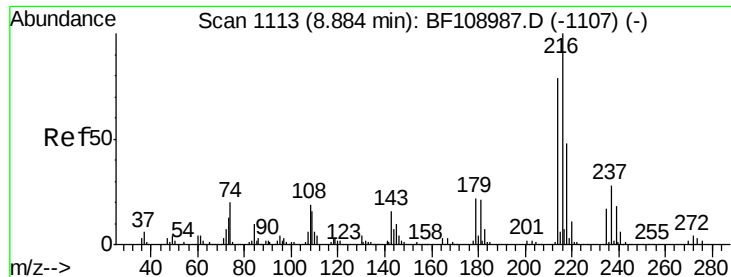
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

Tgt Ion:164 Resp: 323057
Ion Ratio Lower Upper
164 100
162 102.0 86.1 129.1
160 46.9 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: 36.608 ng

RT: 8.89 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BF109141.D

Acq: 19 Sep 2018 14:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 372226

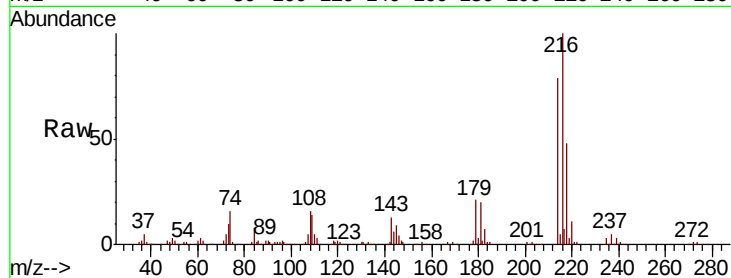
Ion Ratio Lower Upper

216 100

214 79.9 63.0 94.4

179 21.4 18.1 27.1

108 20.9 17.2 25.8

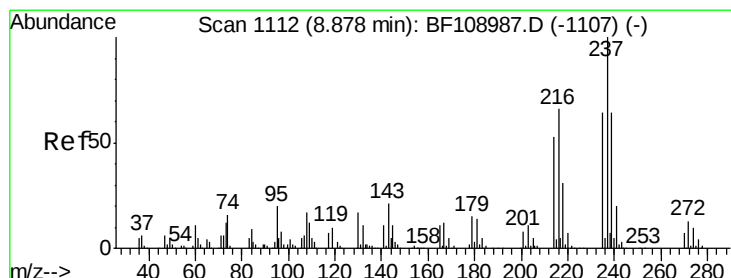
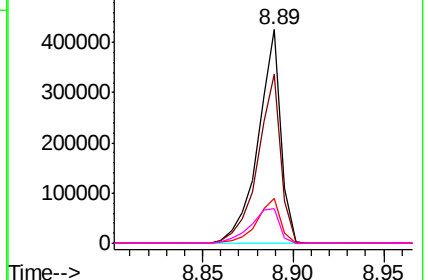
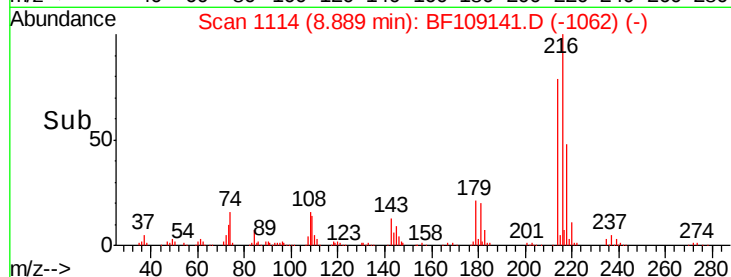


Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.007 ng

RT: 8.88 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BF109141.D

Acq: 19 Sep 2018 14:06

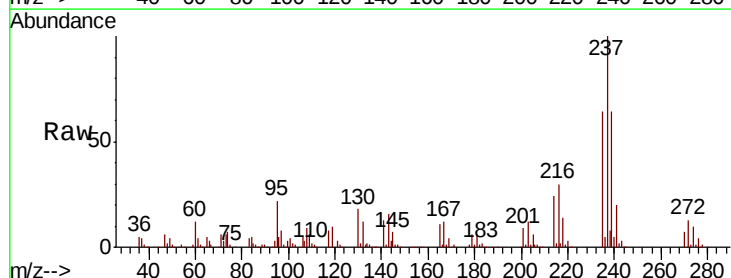
Tgt Ion:237 Resp: 399627

Ion Ratio Lower Upper

237 100

235 64.4 44.8 84.8

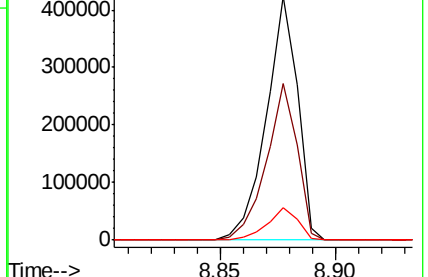
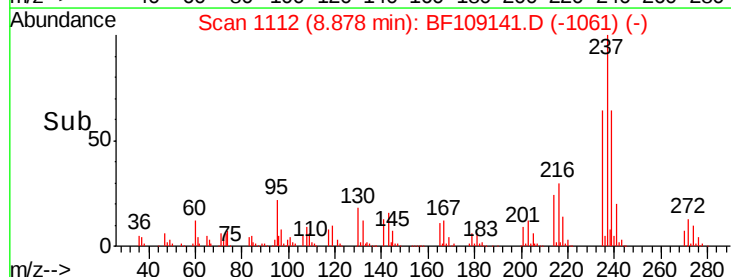
272 13.1 0.0 33.3

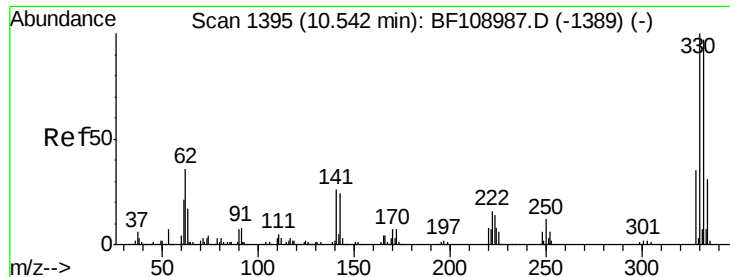


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

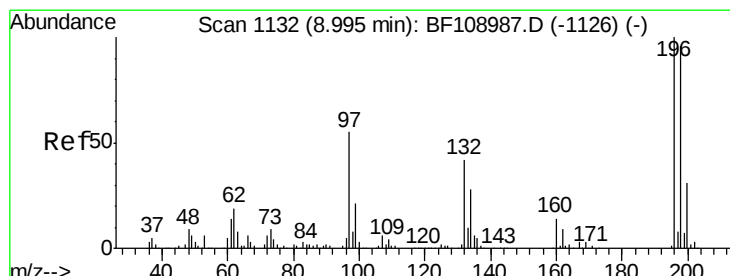
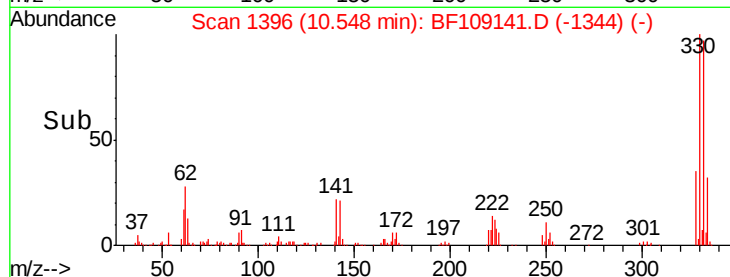
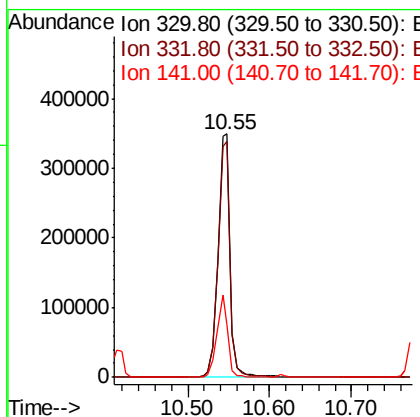
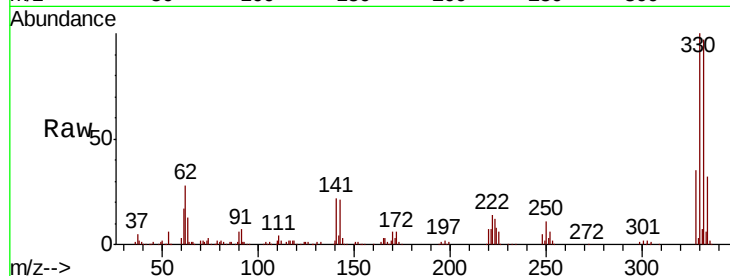




#41
 2,4,6-Tribromophenol
 Concen: 103.660 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. 0.01 min
 Lab File: BF109141.D
 Acq: 19 Sep 2018 14:06

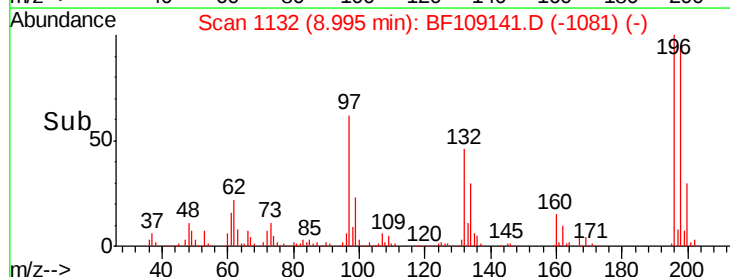
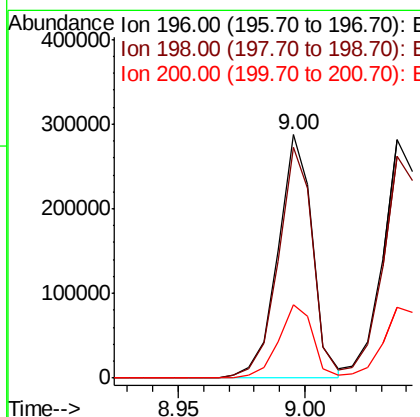
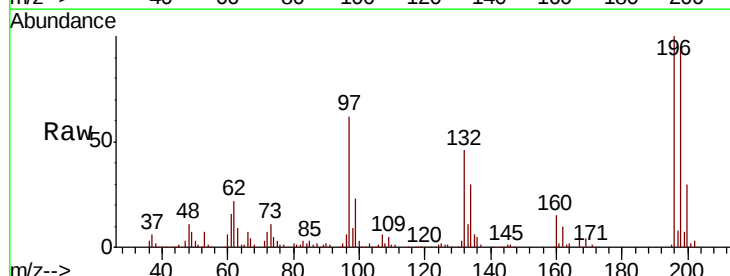
Instrument :
 BNA_F
 ClientSampleId :

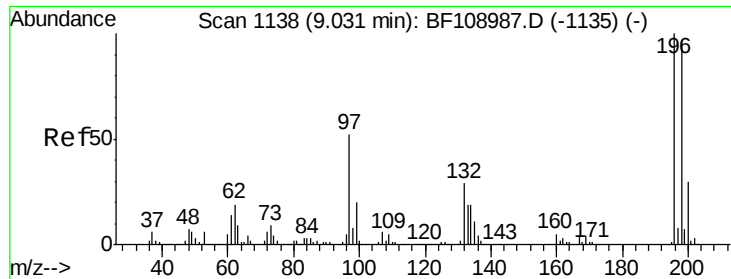
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	31.0	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 39.981 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF109141.D
 Acq: 19 Sep 2018 14:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.7	113.5
200	30.2	24.5	36.7

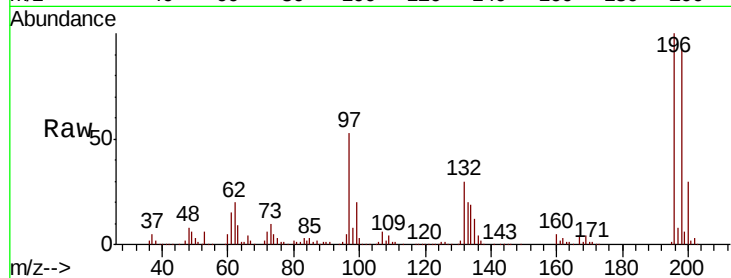




#43
 2,4,5-Trichlorophenol
 Concen: 40.528 ng
 RT: 9.04 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF109141.D
 Acq: 19 Sep 2018 14:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.3	74.6	112.0
97	52.6	42.9	64.3
132	29.6	26.3	39.5



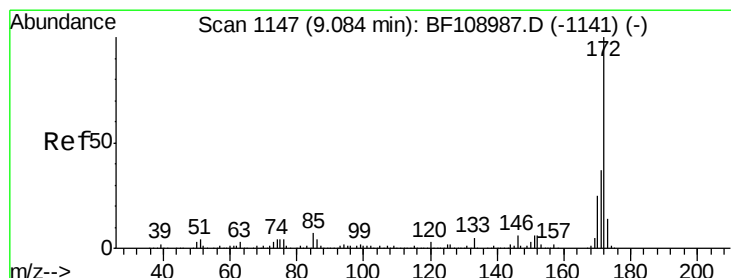
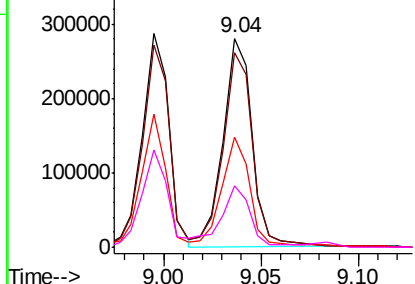
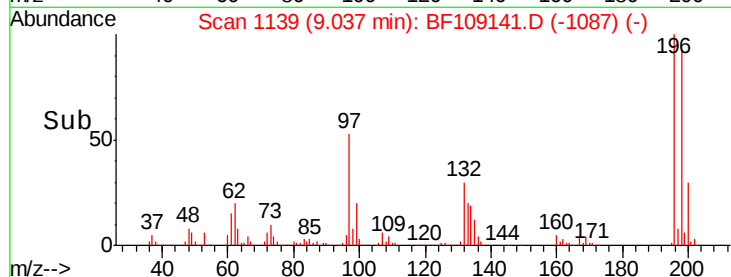
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

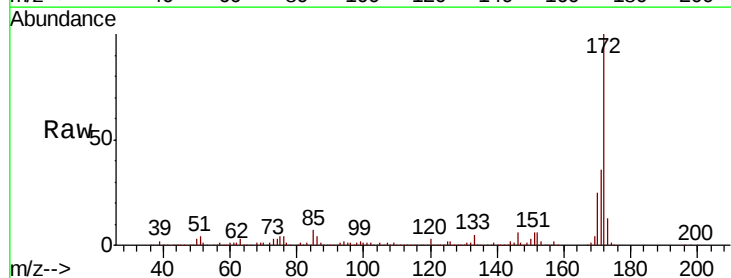
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.539 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF109141.D
 Acq: 19 Sep 2018 14:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.8	19.6	29.4

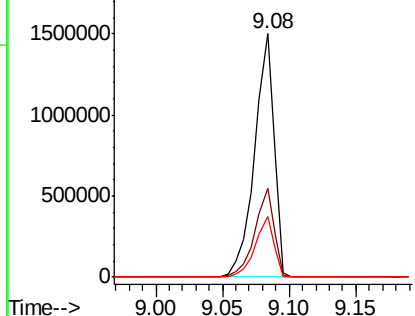
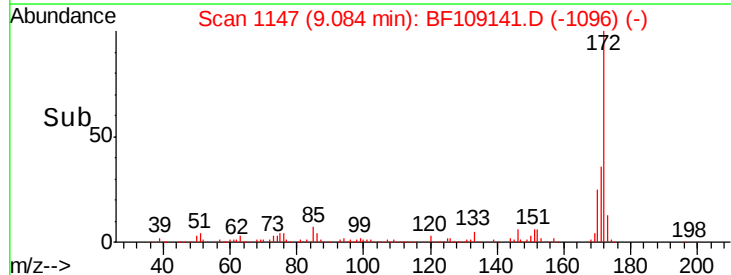


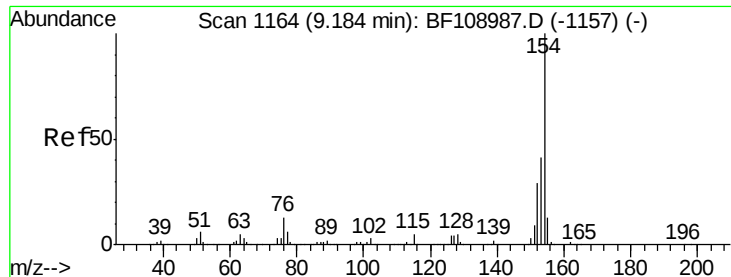
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

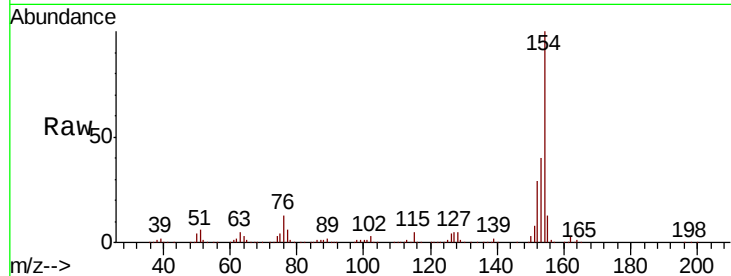




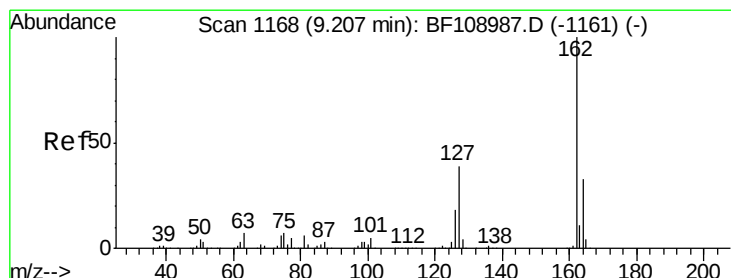
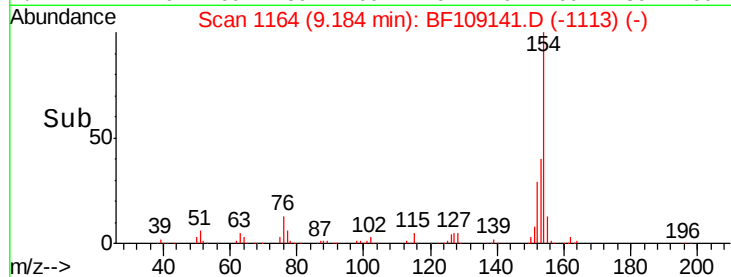
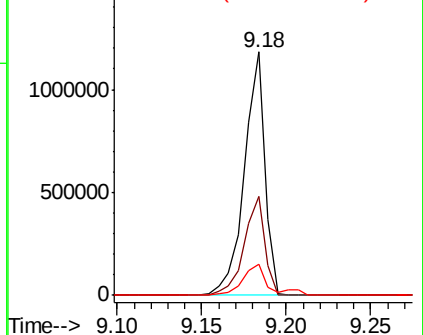
#45
 1,1'-Biphenyl
 Concen: 39.205 ng
 RT: 9.18 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF109141.D
 Acq: 19 Sep 2018 14:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1013275
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.3 61.3
 76 12.6 0.0 34.0

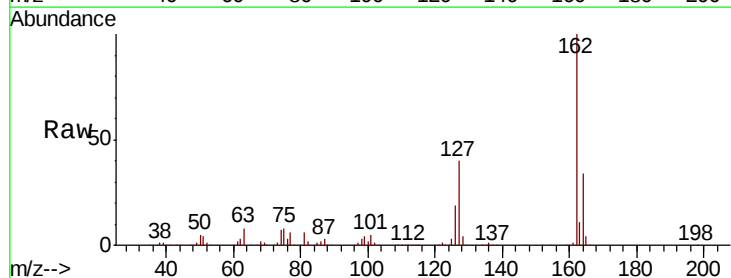


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

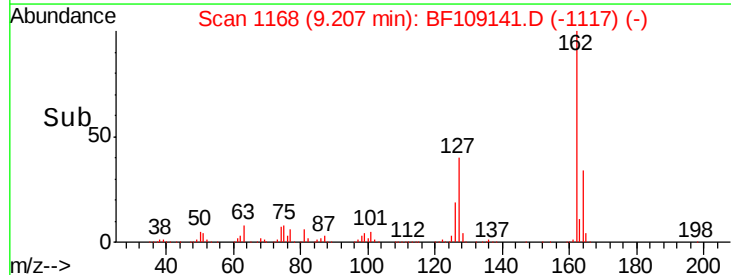
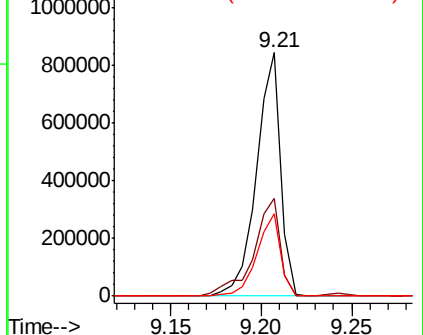


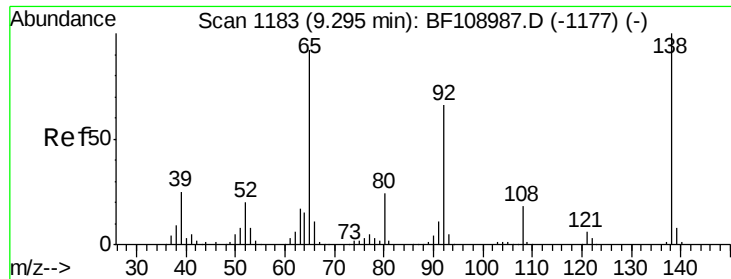
#46
 2-Chloronaphthalene
 Concen: 37.667 ng
 RT: 9.21 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF109141.D
 Acq: 19 Sep 2018 14:06

Tgt Ion:162 Resp: 779660
 Ion Ratio Lower Upper
 162 100
 127 40.0 33.9 50.9
 164 33.6 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

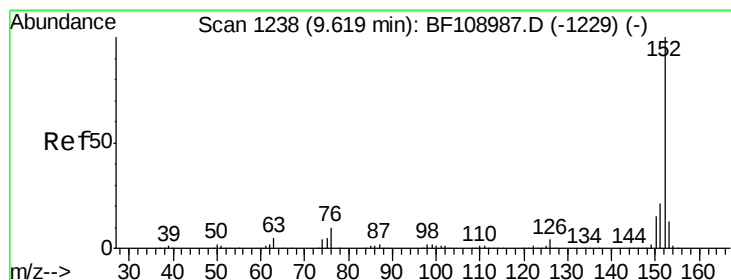
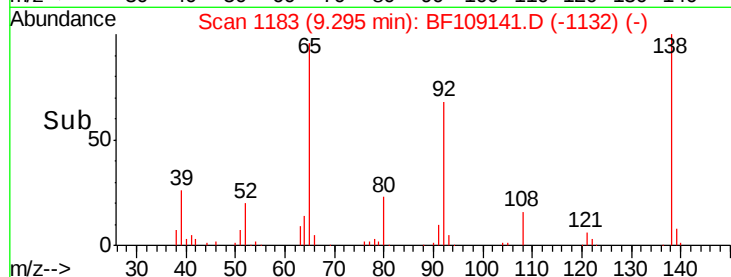
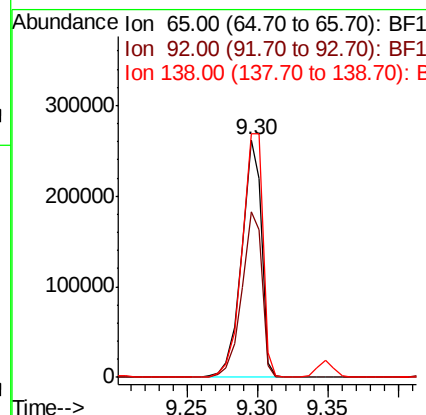
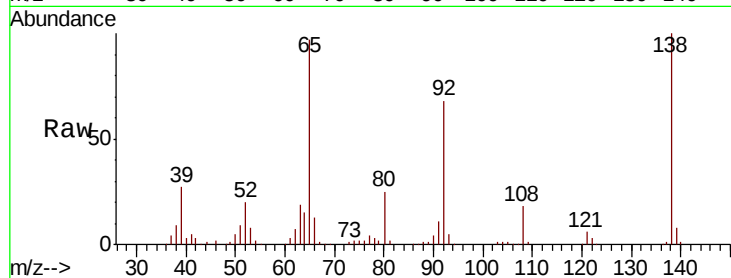




#47
 2-Nitroaniline
 Concen: 40.125 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF109141.D
 Acq: 19 Sep 2018 14:06

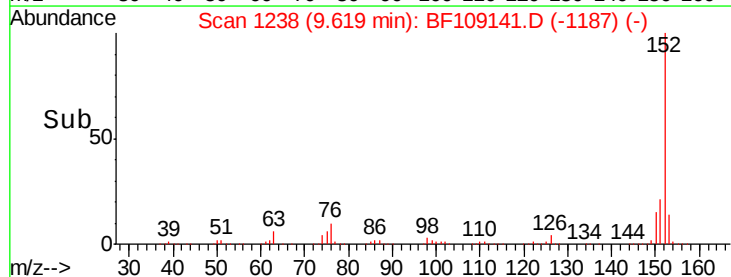
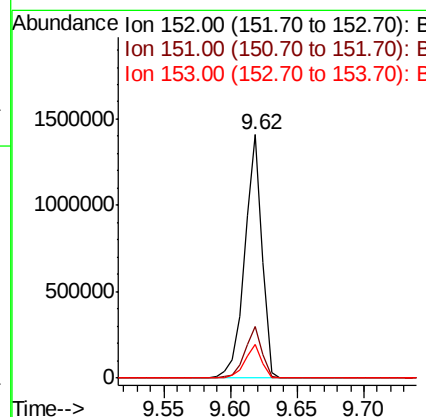
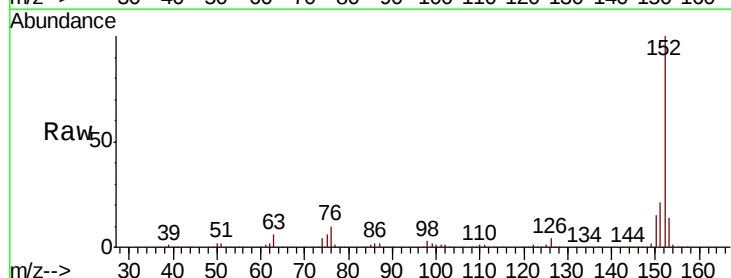
Instrument :
 BNA_F
 ClientSampleId :

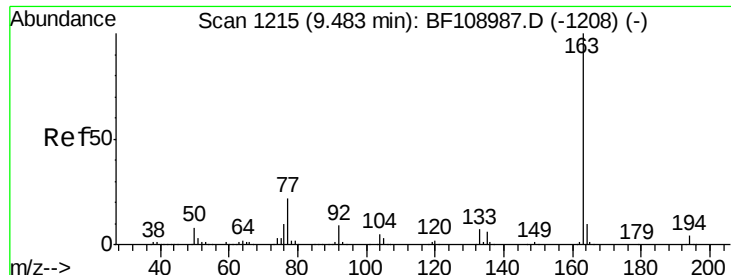
Tot Ion: 65 Resp: 255329
 Ion Ratio Lower Upper
 65 100
 92 69.6 55.8 83.6
 138 102.6 91.2 136.8



#48
 Acenaphthylene
 Concen: 40.472 ng
 RT: 9.62 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF109141.D
 Acq: 19 Sep 2018 14:06

Tgt Ion: 152 Resp: 1263054
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.3 24.5
 153 13.6 10.7 16.1





#49

Dimethylphthalate

Concen: 39.944 ng

RT: 9.49 min Scan# 1216

Delta R.T. 0.01 min

Lab File: BF109141.D

Acq: 19 Sep 2018 14:06

Instrument :

BNA_F

ClientSampled :

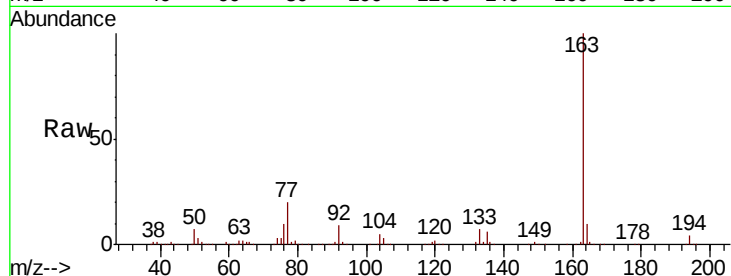
Tot Ion:163 Resp: 922315

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1

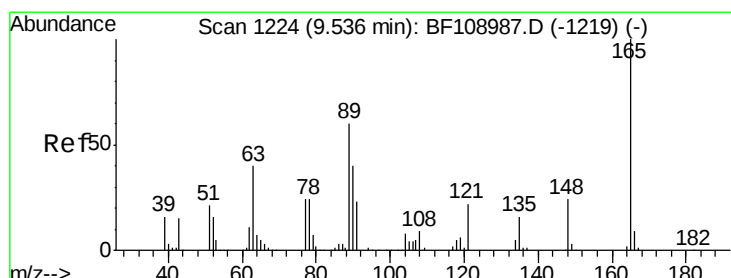
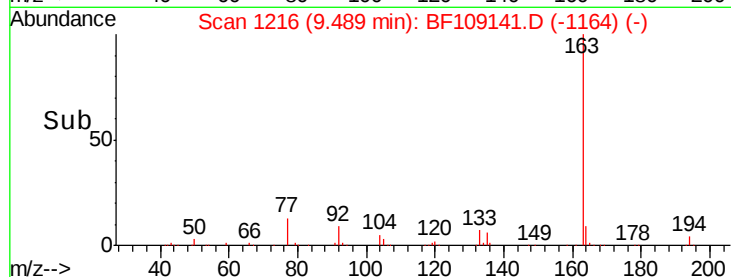
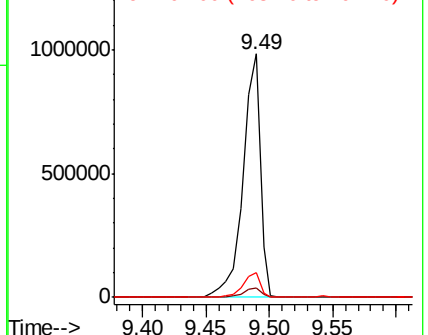
164 10.0 8.2 12.2



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: 40.557 ng

RT: 9.54 min Scan# 1225

Delta R.T. 0.01 min

Lab File: BF109141.D

Acq: 19 Sep 2018 14:06

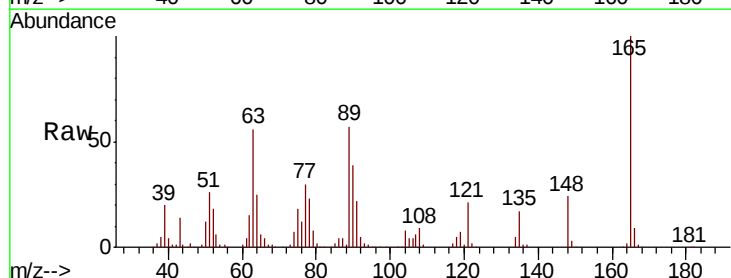
Tgt Ion:165 Resp: 207674

Ion Ratio Lower Upper

165 100

63 56.3 44.7 67.1

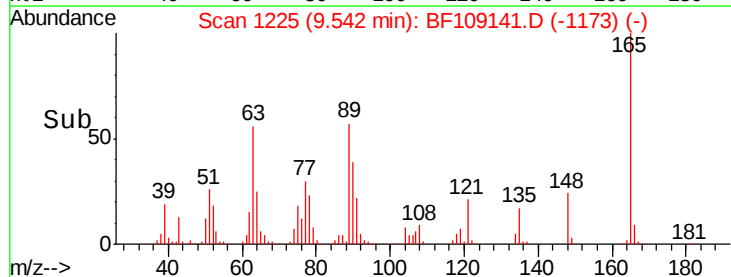
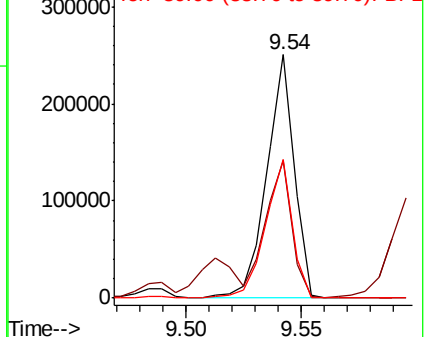
89 56.9 44.0 66.0

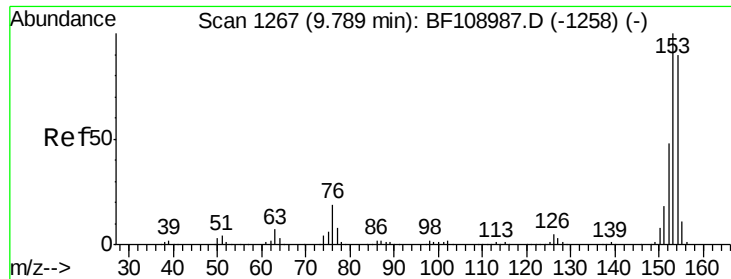


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

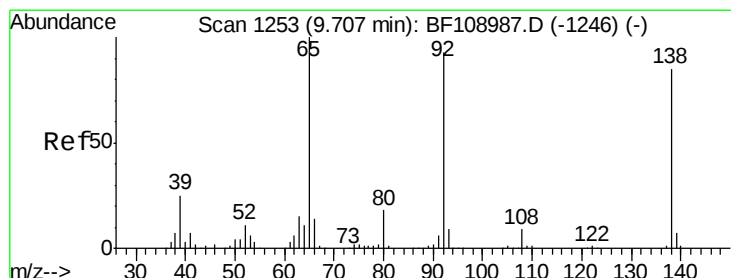
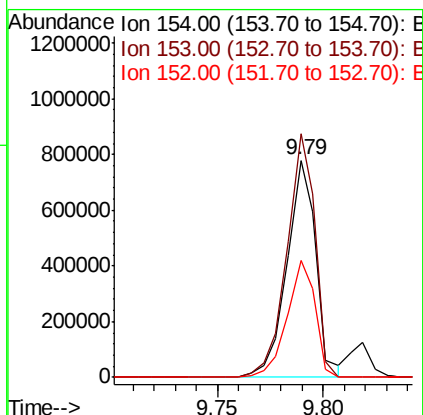
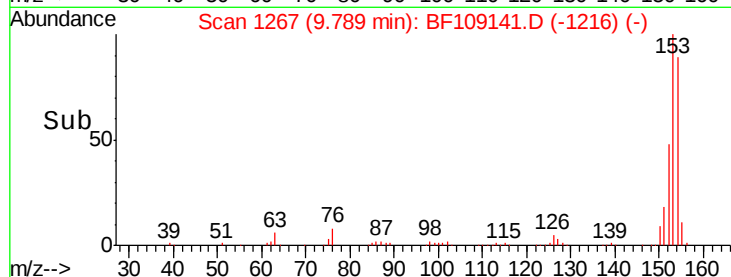
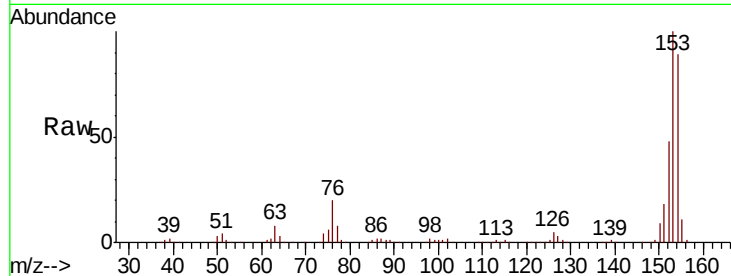




#51
Acenaphthene
Concen: 38.543 ng
RT: 9.79 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

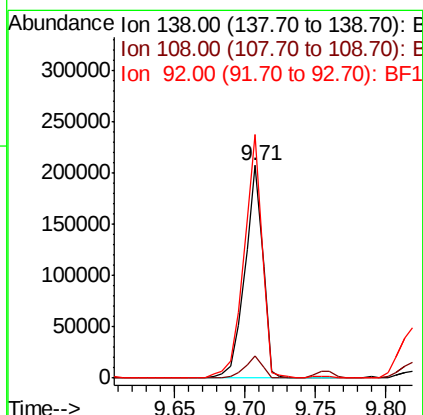
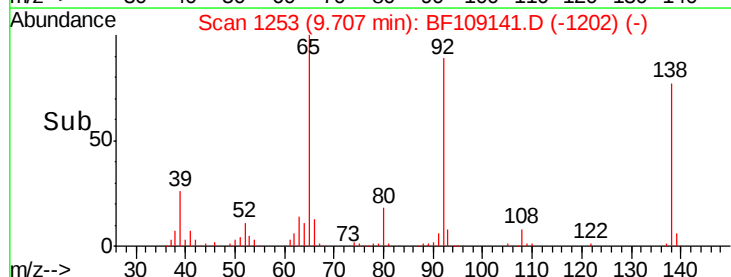
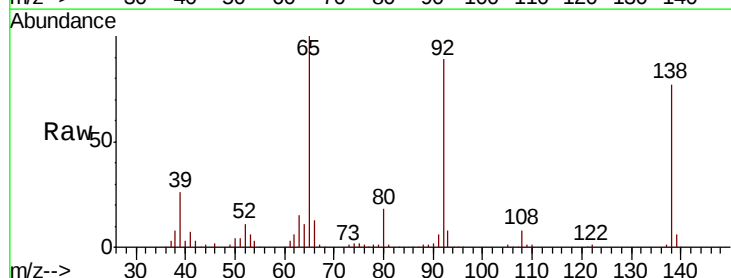
Instrument :
BNA_F
ClientSampled :

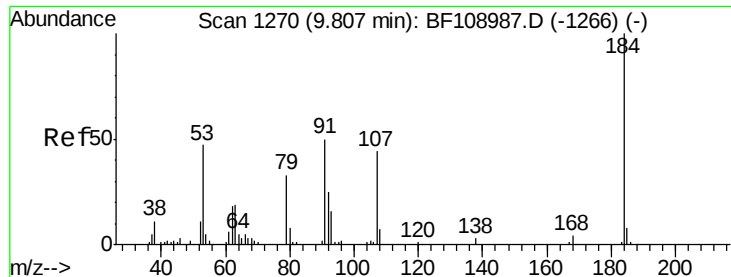
Tot Ion:154 Resp: 749002
Ion Ratio Lower Upper
154 100
153 112.1 91.2 136.8
152 54.0 43.8 65.8



#52
3-Nitroaniline
Concen: 30.592 ng
RT: 9.71 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

Tgt Ion:138 Resp: 184455
Ion Ratio Lower Upper
138 100
108 10.2 9.4 14.0
92 114.6 89.4 134.2

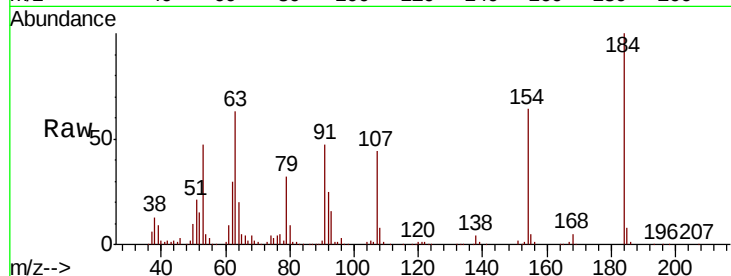




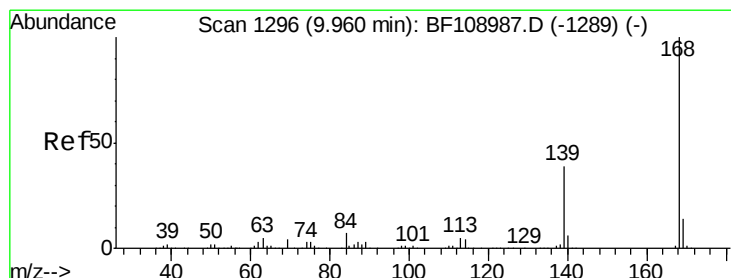
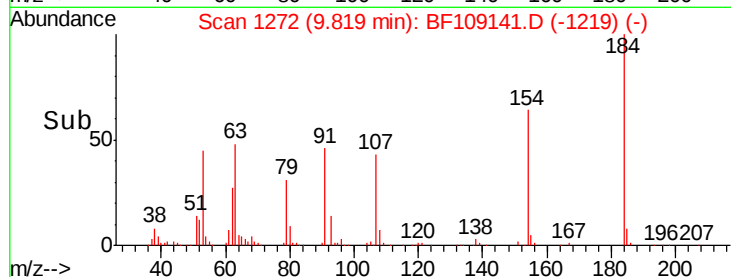
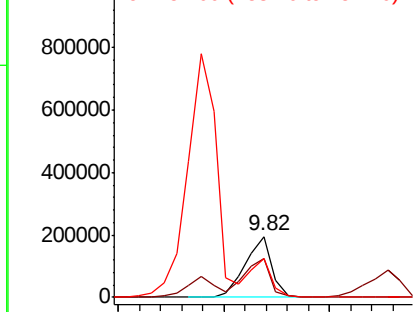
#53
 2,4-Dinitrophenol
 Concen: 86.294 ng
 RT: 9.82 min Scan# 1272
 Delta R.T. 0.01 min
 Lab File: BF109141.D
 Acq: 19 Sep 2018 14:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 170297
 Ion Ratio Lower Upper
 184 100
 63 62.8 54.2 81.2
 154 64.0 184.0 276.0#

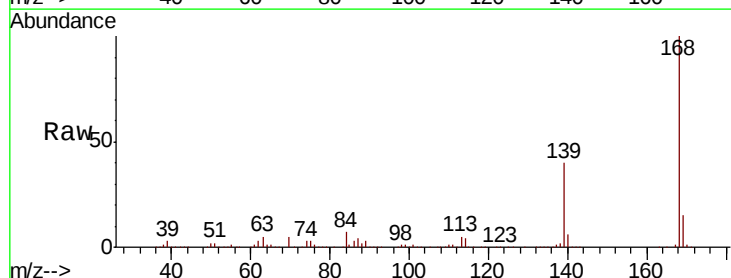


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

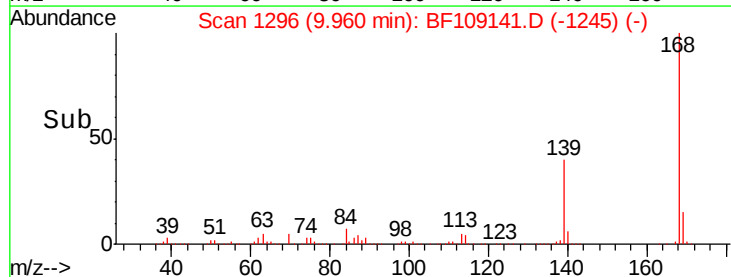
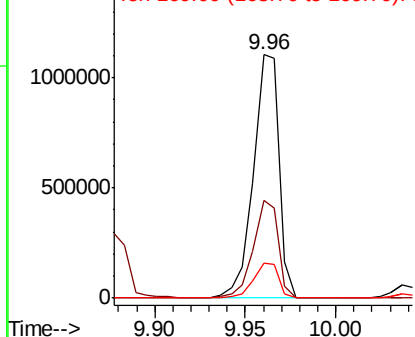


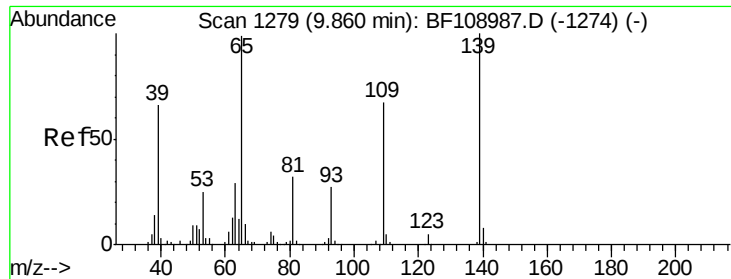
#54
 Dibenzofuran
 Concen: 38.812 ng
 RT: 9.96 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF109141.D
 Acq: 19 Sep 2018 14:06

Tgt Ion:168 Resp: 1089929
 Ion Ratio Lower Upper
 168 100
 139 40.1 30.1 45.1
 169 14.6 10.9 16.3



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





#55

4-Nitrophenol

Concen: 78.415 ng

RT: 9.88 min Scan# 1282

Delta R.T. 0.02 min

Lab File: BF109141.D

Acq: 19 Sep 2018 14:06

Instrument :

BNA_F

ClientSampled :

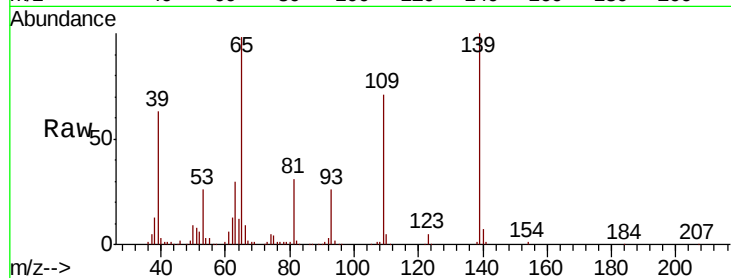
Tot Ion:139 Resp: 348356

Ion Ratio Lower Upper

139 100

109 70.9 48.4 88.4

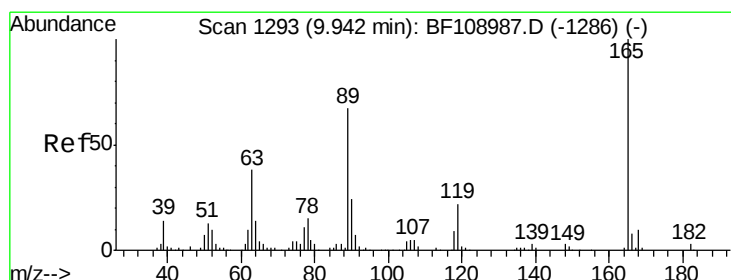
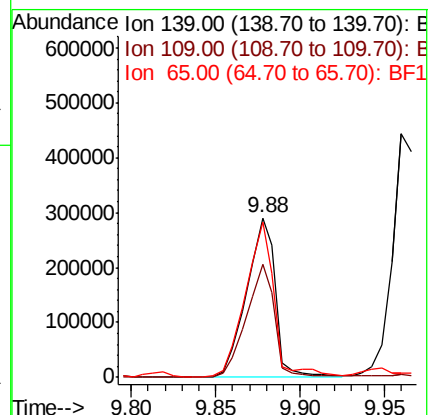
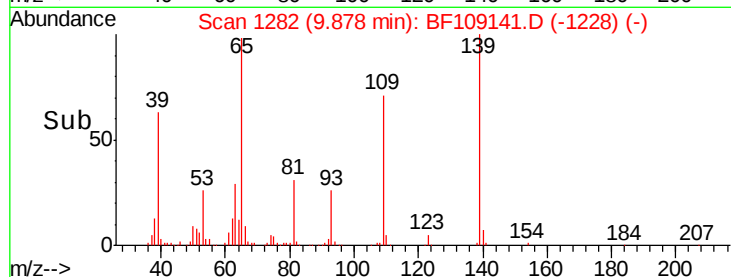
65 97.7 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 41.924 ng

RT: 9.95 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF109141.D

Acq: 19 Sep 2018 14:06

Tgt Ion:165 Resp: 280753

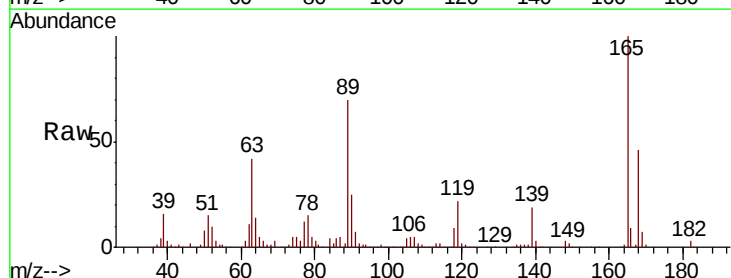
Ion Ratio Lower Upper

165 100

63 42.4 36.4 54.6

89 69.9 57.8 86.6

182 2.8 1.6 2.4#

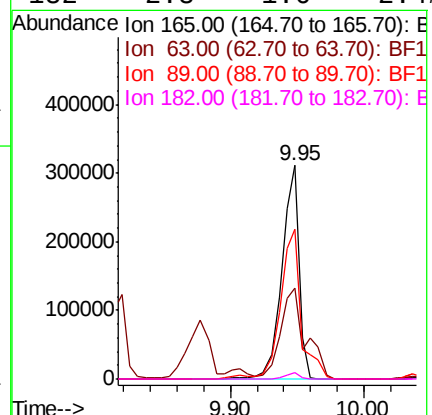
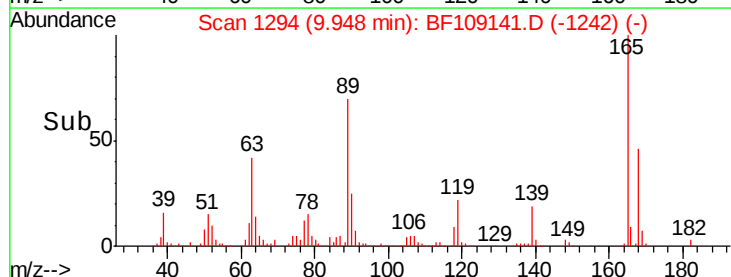


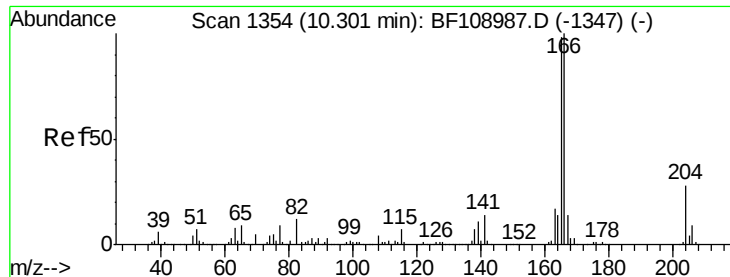
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

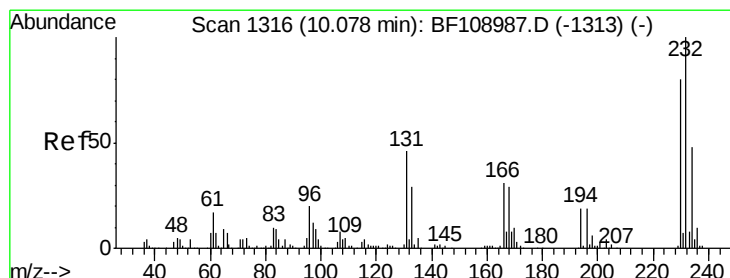
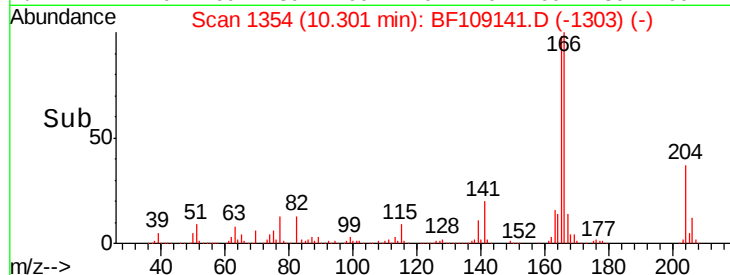
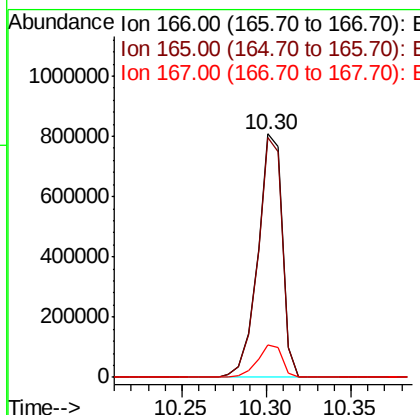
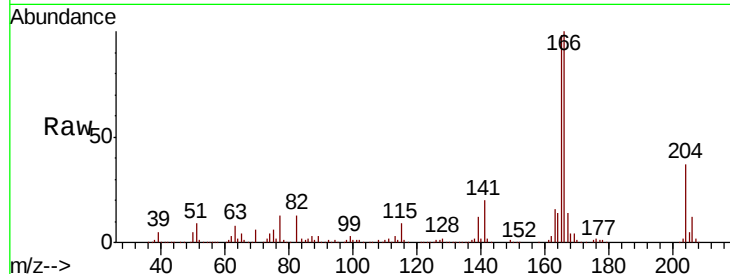




#57
 Fluorene
 Concen: 43.372 ng
 RT: 10.30 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF109141.D
 Acq: 19 Sep 2018 14:06

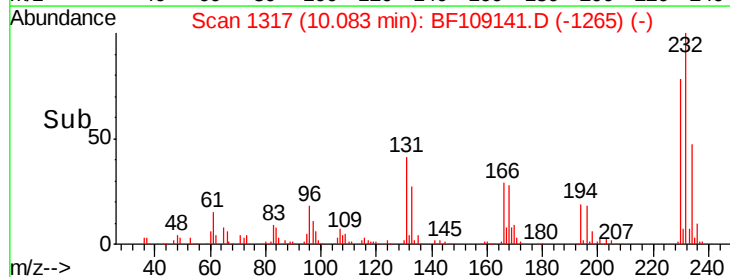
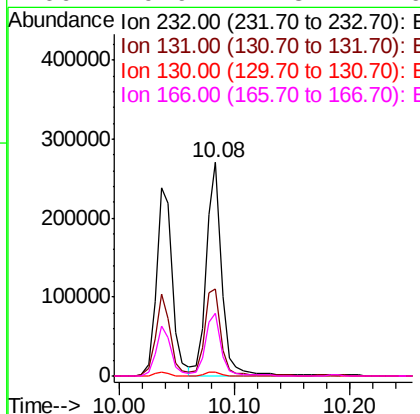
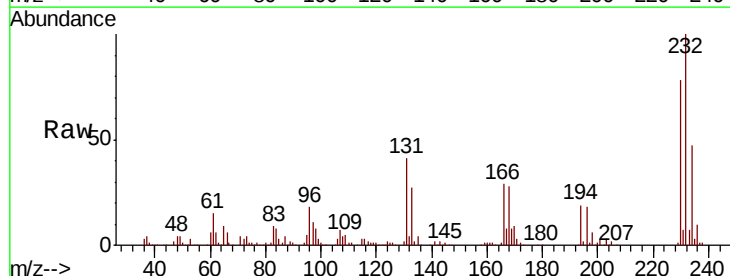
Instrument :
 BNA_F
 ClientSampleId :

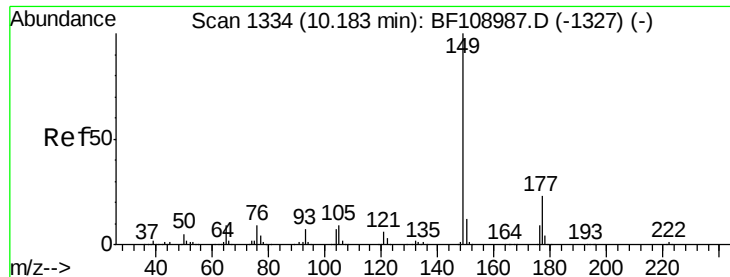
Tot Ion:166 Resp: 811664
 Ion Ratio Lower Upper
 166 100
 165 98.2 79.8 119.8
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.285 ng
 RT: 10.08 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: BF109141.D
 Acq: 19 Sep 2018 14:06

Tgt Ion:232 Resp: 250057
 Ion Ratio Lower Upper
 232 100
 131 43.6 43.8 65.8#
 130 2.2 2.1 3.1
 166 29.9 27.8 41.6

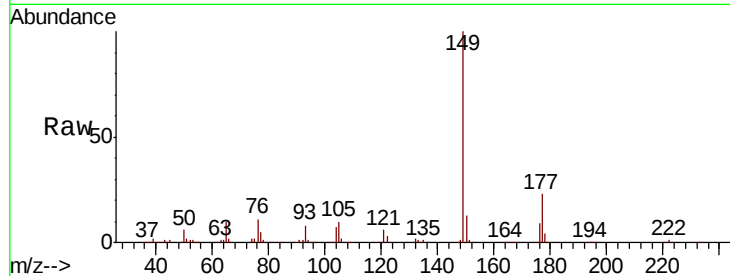




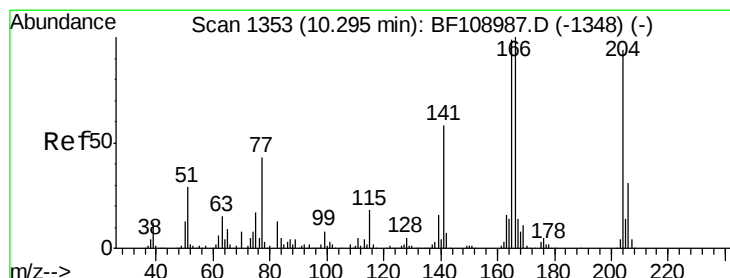
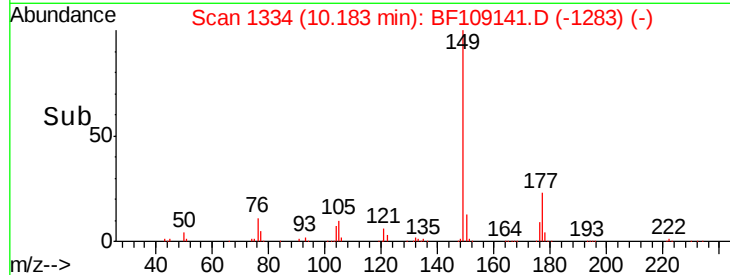
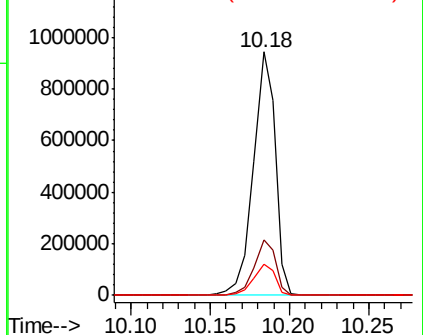
#59
Diethylphthalate
Concen: 39.024 ng
RT: 10.18 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 909918
Ion Ratio Lower Upper
149 100
177 22.6 16.1 24.1
150 12.7 10.1 15.1

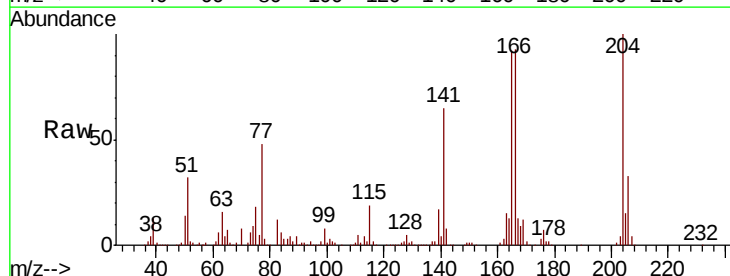


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

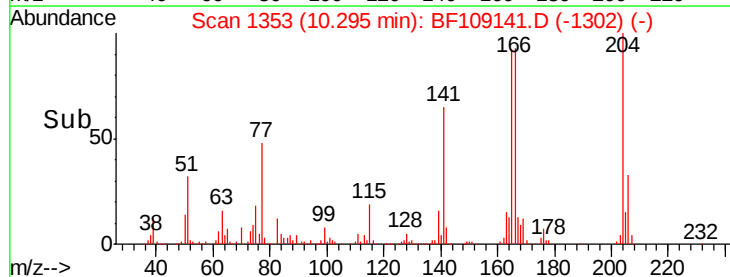
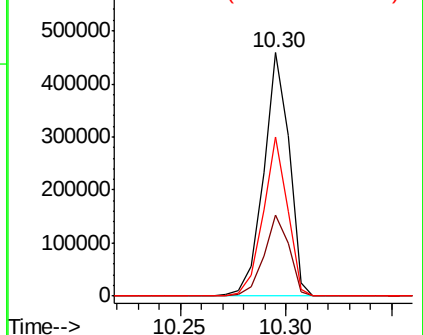


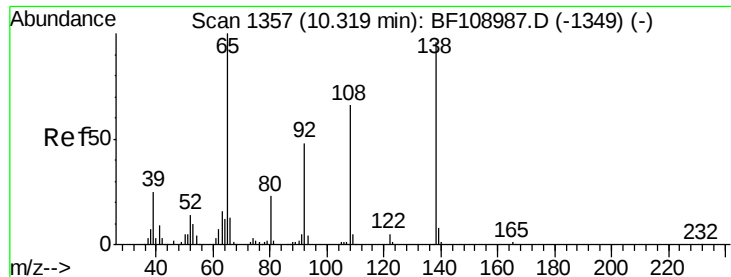
#60
4-Chlorophenyl-phenylether
Concen: 38.375 ng
RT: 10.30 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

Tgt Ion:204 Resp: 384549
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 65.5 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

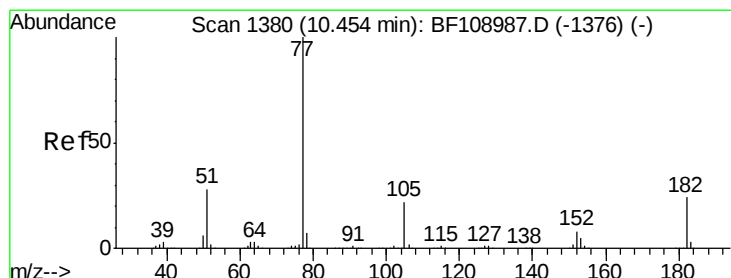
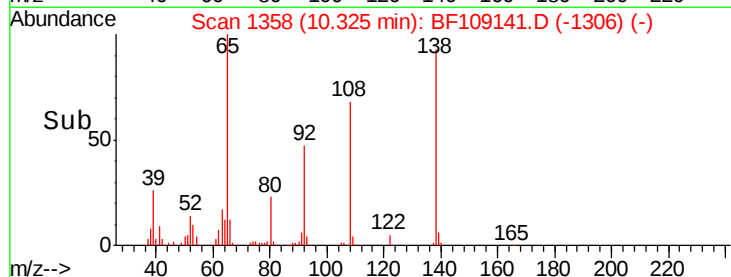
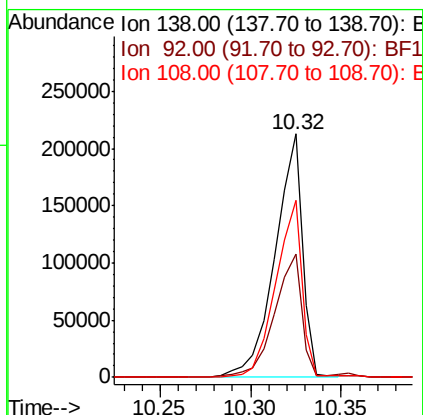
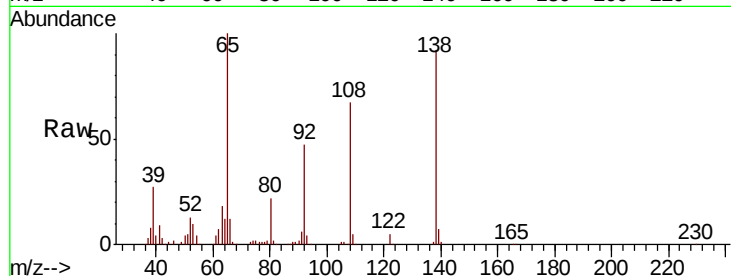




#61
4-Nitroaniline
Concen: 39.074 ng
RT: 10.32 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

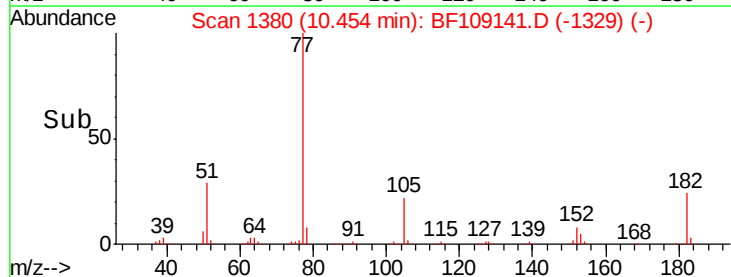
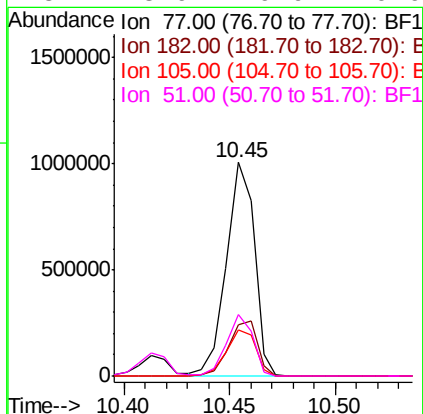
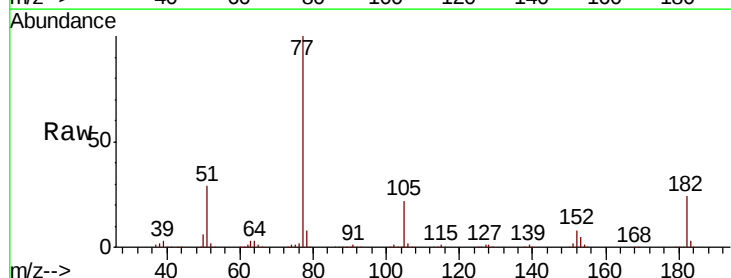
Instrument :
BNA_F
ClientSampleId :

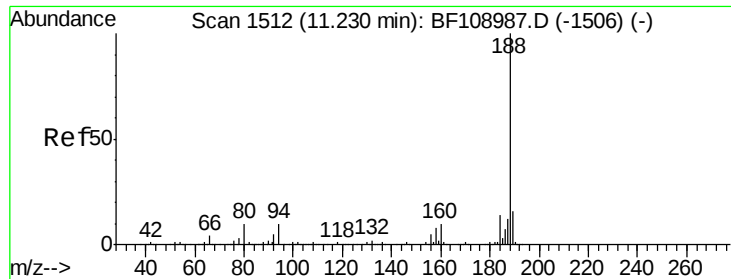
Tot Ion:138 Resp: 223838
Ion Ratio Lower Upper
138 100
92 50.5 30.2 70.2
108 72.8 52.5 92.5



#62
Azobenzene
Concen: 38.640 ng
RT: 10.45 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

Tgt Ion: 77 Resp: 922247
Ion Ratio Lower Upper
77 100
182 23.9 1.7 41.7
105 21.8 3.0 43.0
51 28.9 9.9 49.9

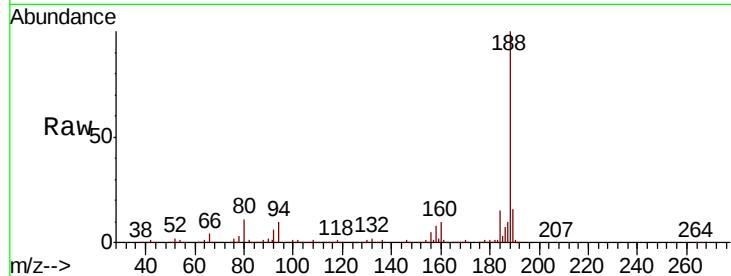




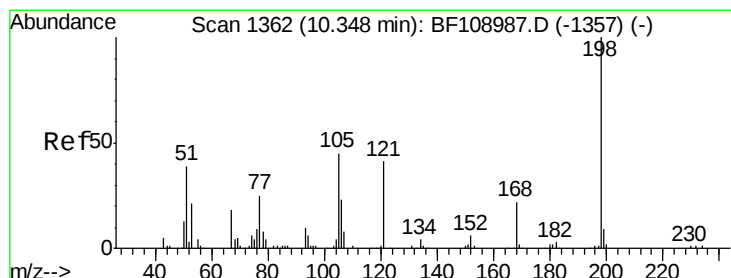
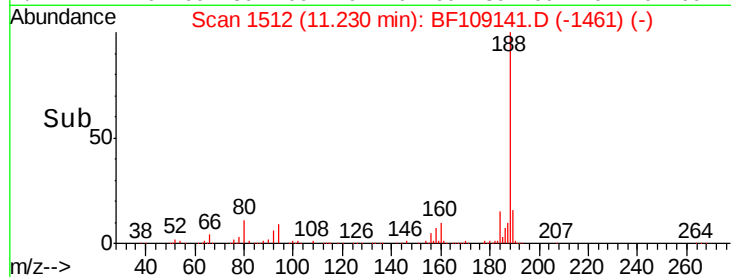
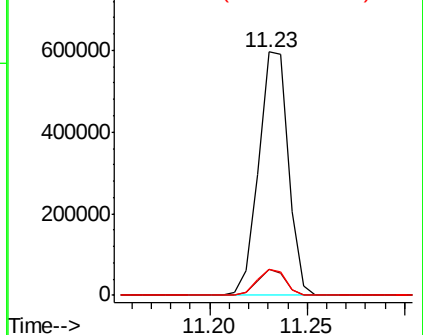
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 630222
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 10.8 9.2 13.8

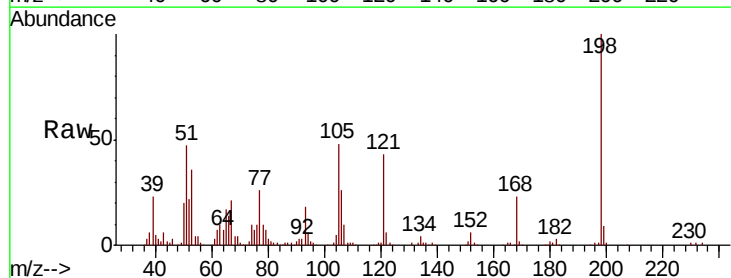


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

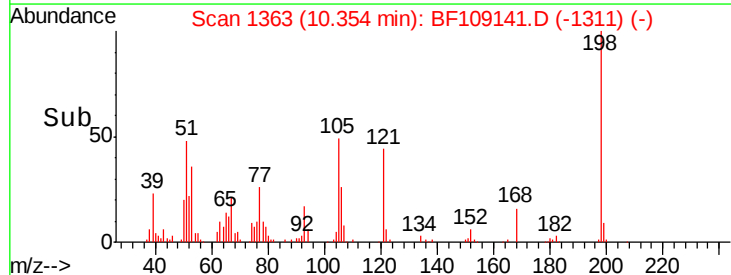
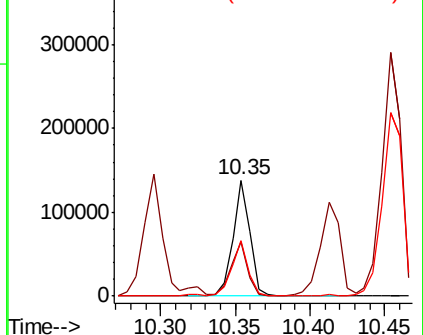


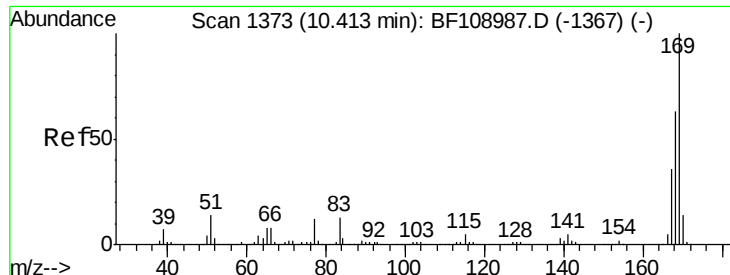
#64
4,6-Dinitro-2-methylphenol
Concen: 37.164 ng
RT: 10.35 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

Tgt Ion:198 Resp: 112061
Ion Ratio Lower Upper
198 100
51 47.0 37.7 77.7
105 48.2 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

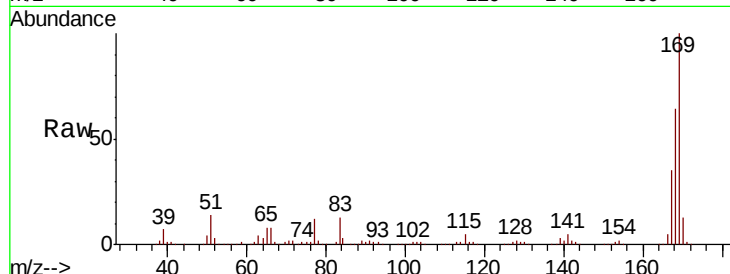




#65
 n-Nitrosodiphenylamine
 Concen: 38.411 ng
 RT: 10.41 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF109141.D
 Acq: 19 Sep 2018 14:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.4	54.4	81.6
167	35.3	29.8	44.6

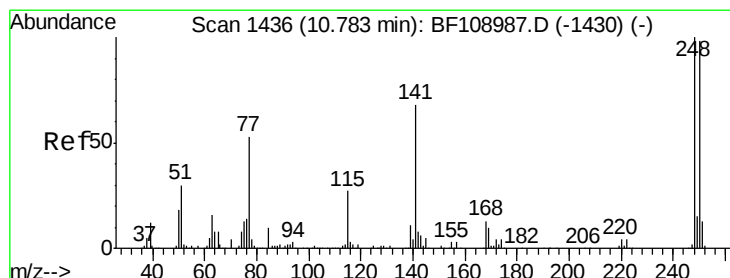
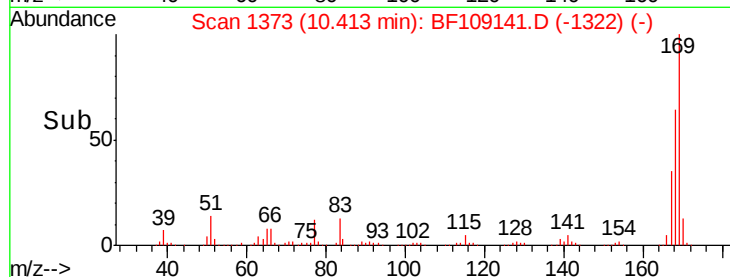
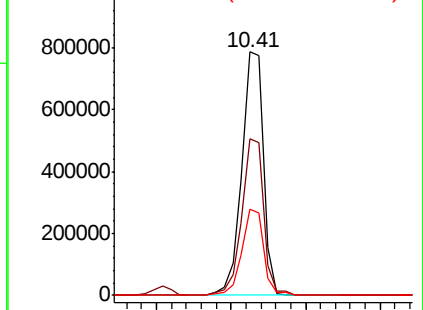


Abundance

Ion 169.00 (168.70 to 169.70): E

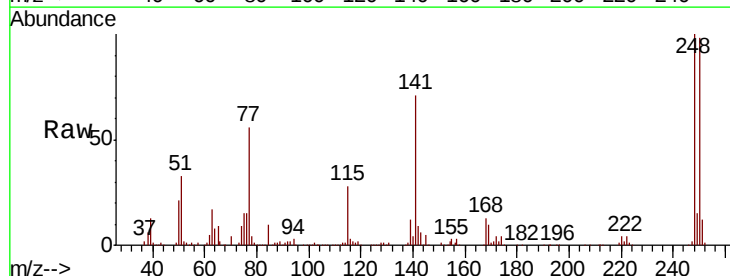
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 38.327 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF109141.D
 Acq: 19 Sep 2018 14:06

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.9	115.3
141	71.2	74.4	111.6#

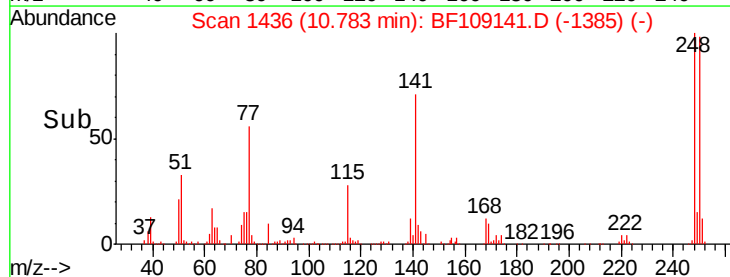
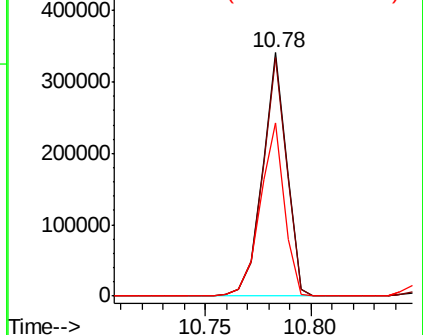


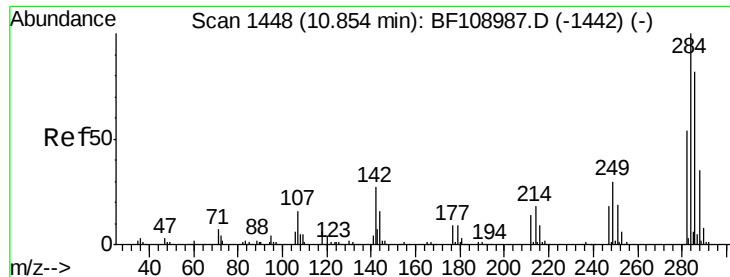
Abundance

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

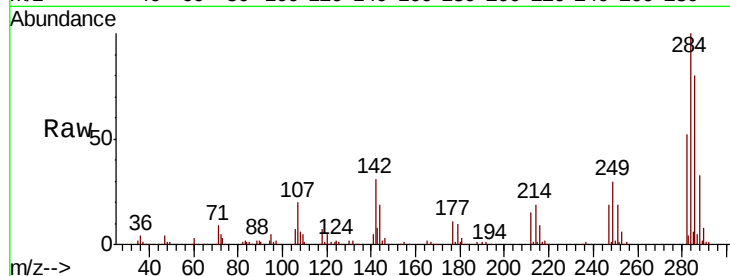




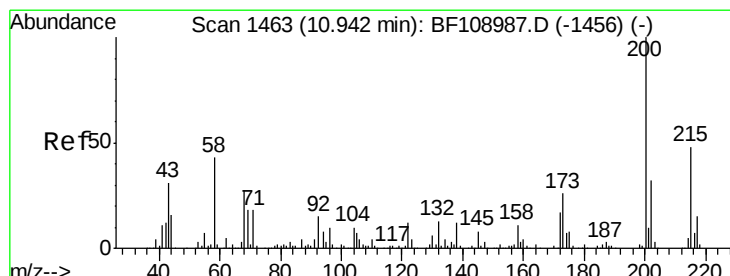
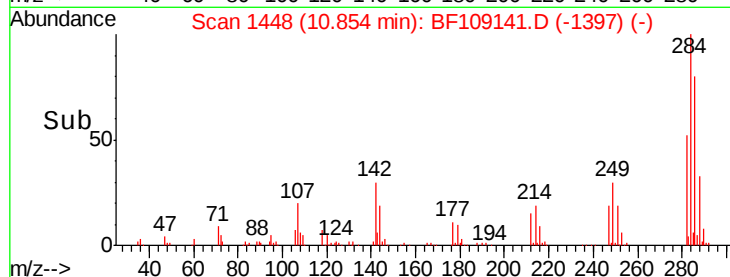
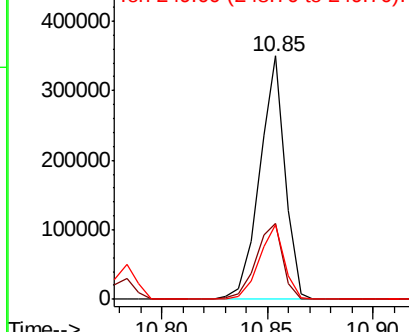
#67
Hexachlorobenzene
Concen: 38.244 ng
RT: 10.85 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	30.9	34.6	52.0#
249	30.5	24.8	37.2

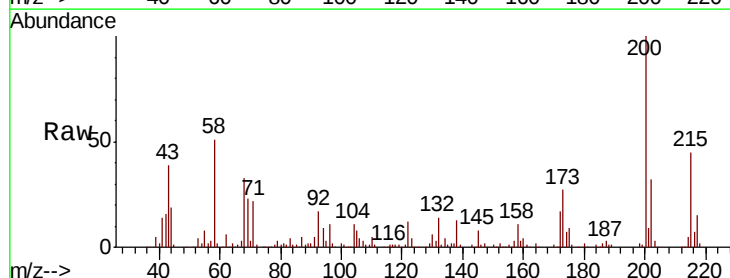


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

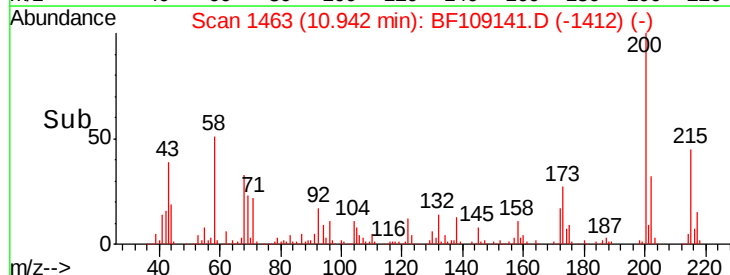
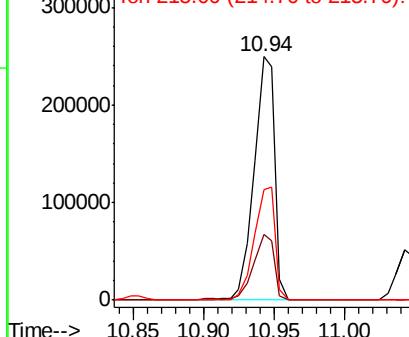


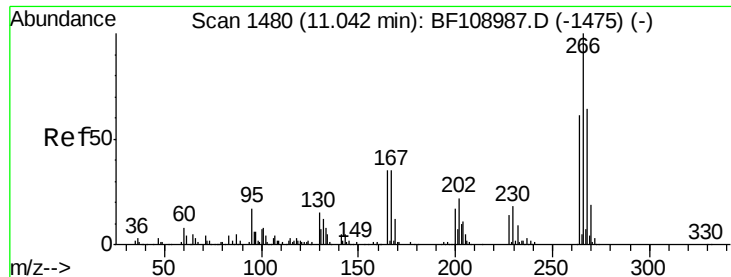
#68
Atrazine
Concen: 39.080 ng
RT: 10.94 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.9	8.6	48.6
215	45.4	25.1	65.1



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

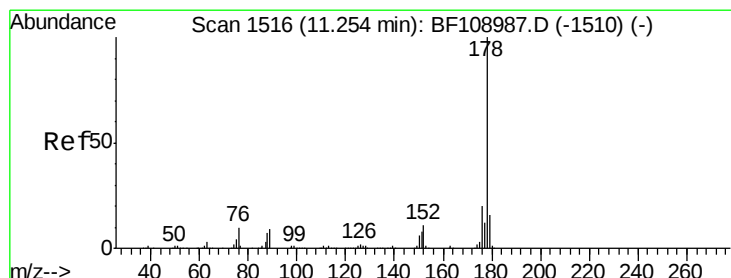
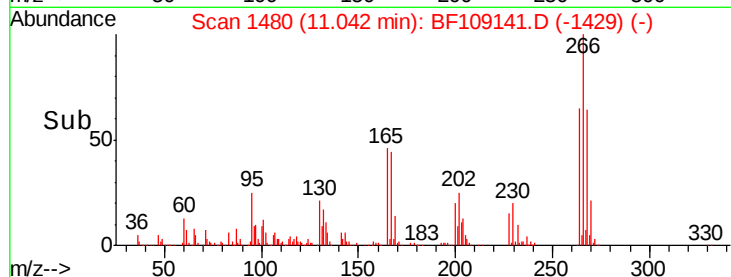
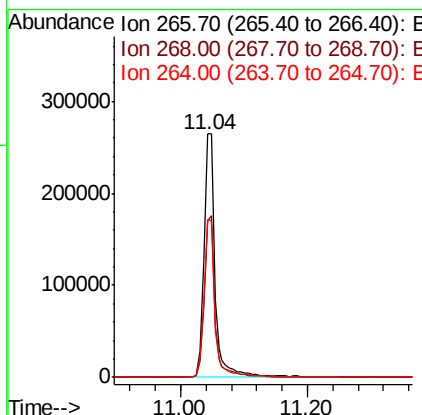
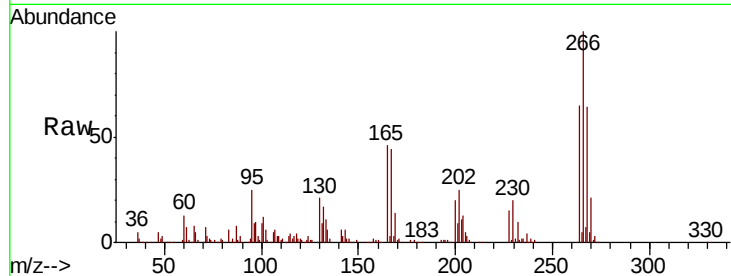




#69
 Pentachlorophenol
 Concen: 65.809 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF109141.D
 Acq: 19 Sep 2018 14:06

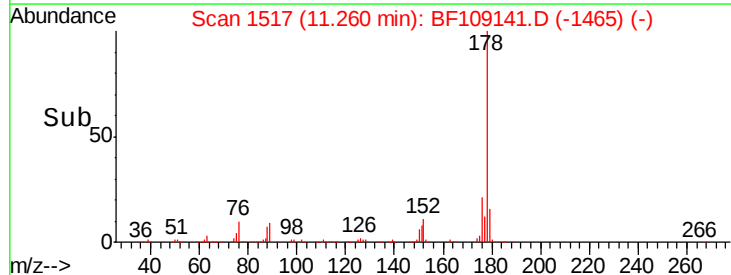
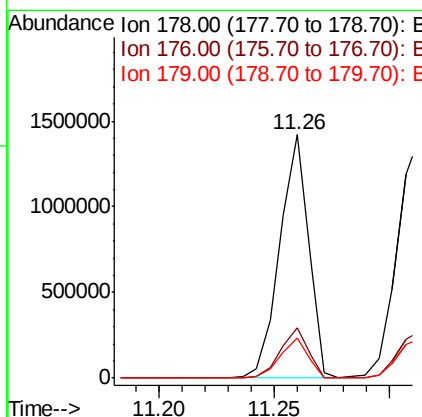
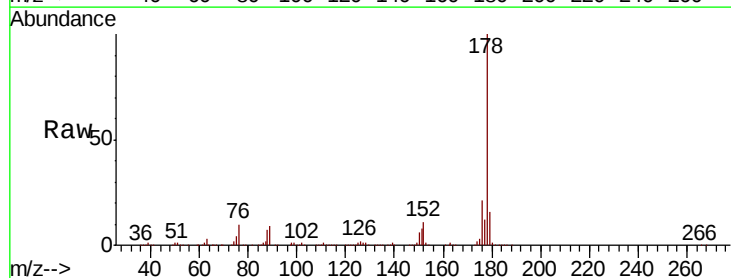
Instrument :
 BNA_F
 ClientSampleId :

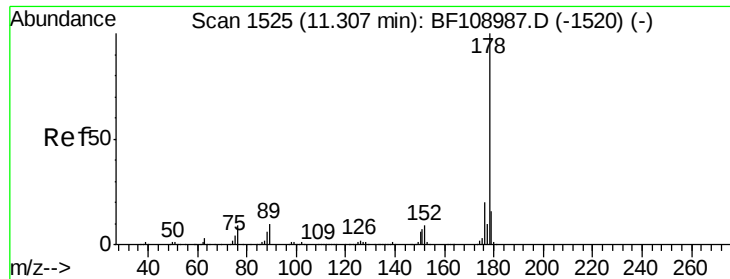
Tot Ion:266 Resp: 319981
 Ion Ratio Lower Upper
 266 100
 268 64.5 51.1 76.7
 264 64.9 49.5 74.3



#70
 Phenanthrene
 Concen: 39.691 ng
 RT: 11.26 min Scan# 1517
 Delta R.T. 0.01 min
 Lab File: BF109141.D
 Acq: 19 Sep 2018 14:06

Tgt Ion:178 Resp: 1226202
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.8 23.8
 179 16.2 13.0 19.6

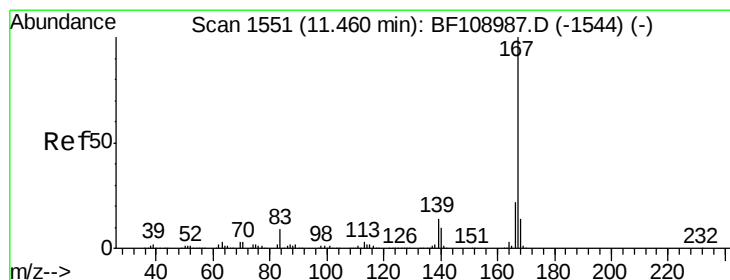
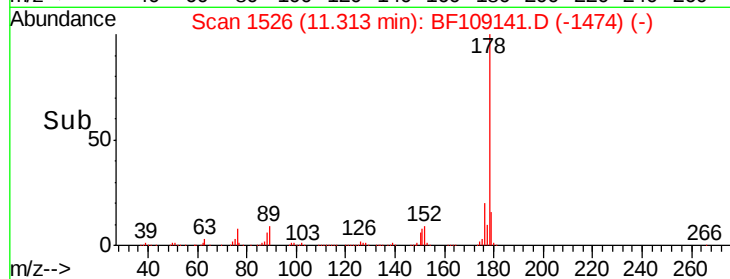
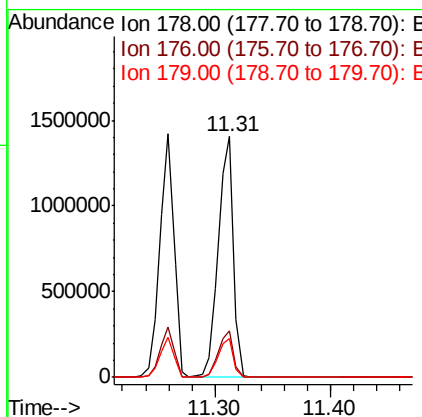
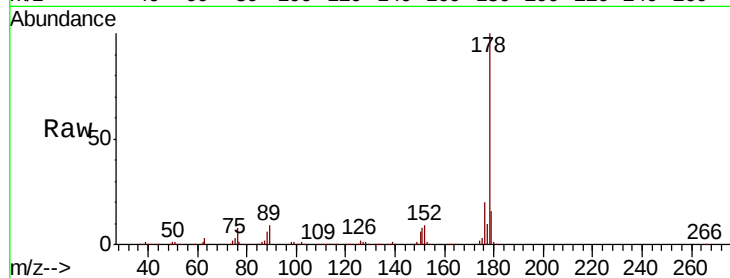




#71
 Anthracene
 Concen: 40.726 ng
 RT: 11.31 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF109141.D
 Acq: 19 Sep 2018 14:06

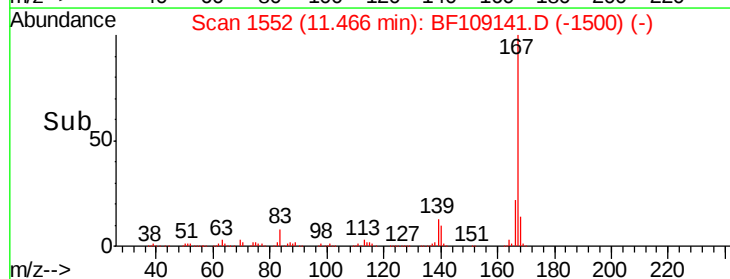
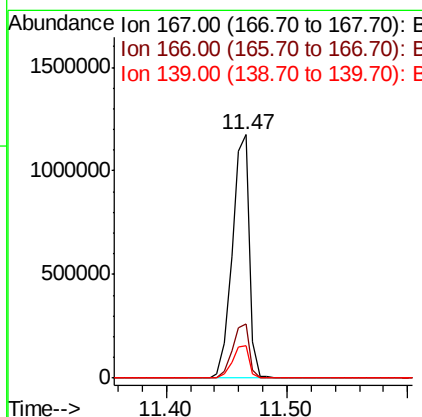
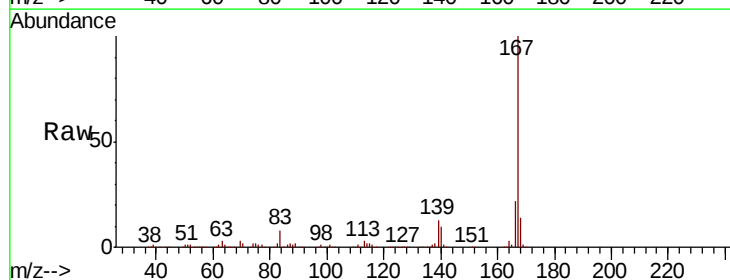
Instrument :
 BNA_F
 ClientSampleId :

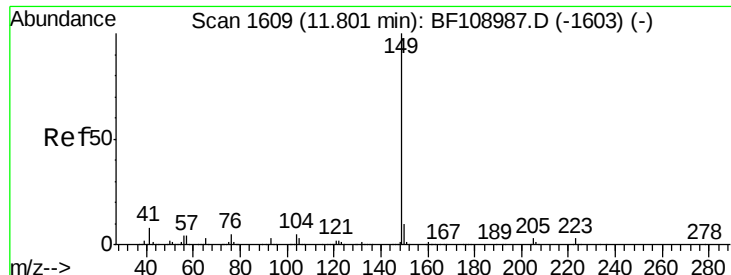
Tot Ion:178 Resp: 1275387
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 37.155 ng
 RT: 11.47 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF109141.D
 Acq: 19 Sep 2018 14:06

Tgt Ion:167 Resp: 1151819
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.2 10.9 16.3

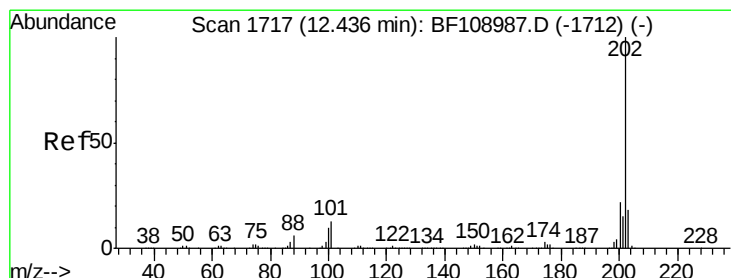
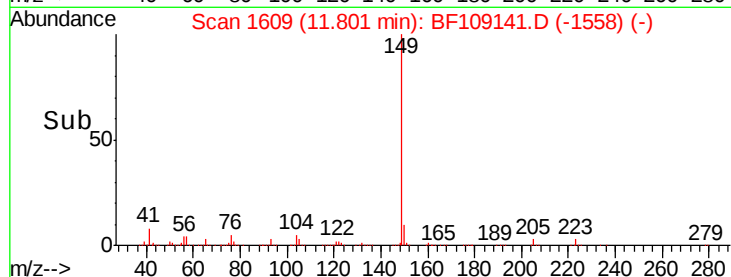
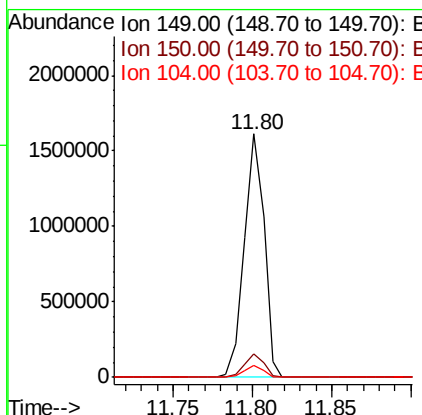
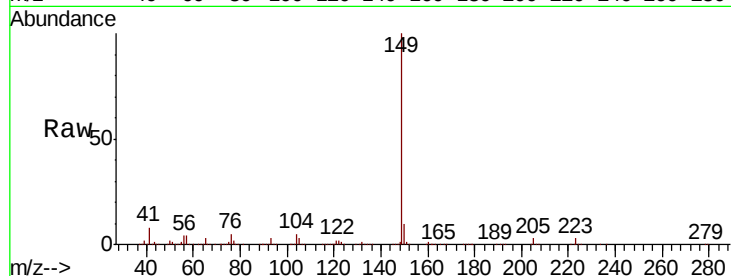




#73
Di-n-butylphthalate
Concen: 38.469 ng
RT: 11.80 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

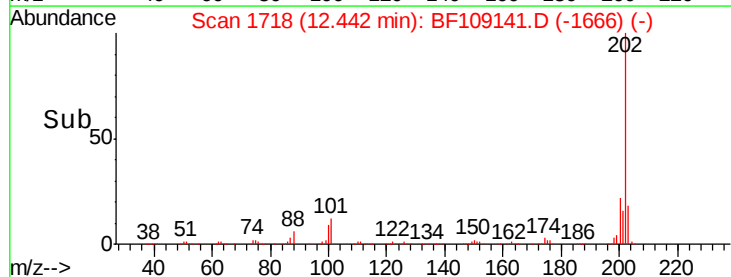
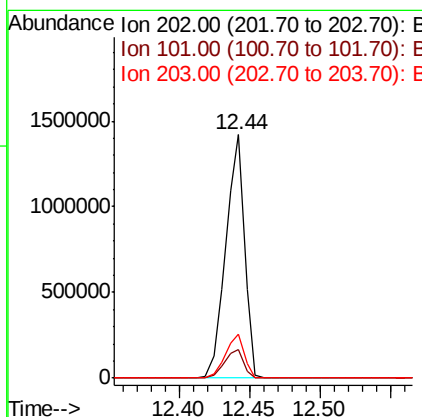
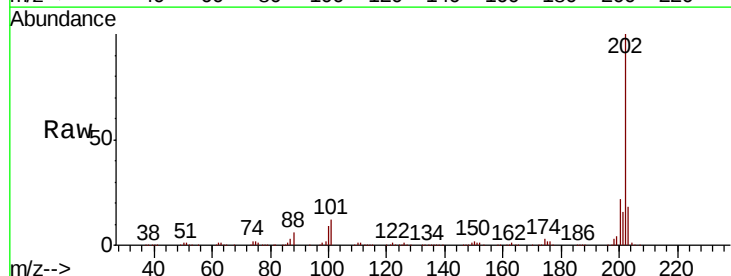
Instrument :
BNA_F
ClientSampleId :

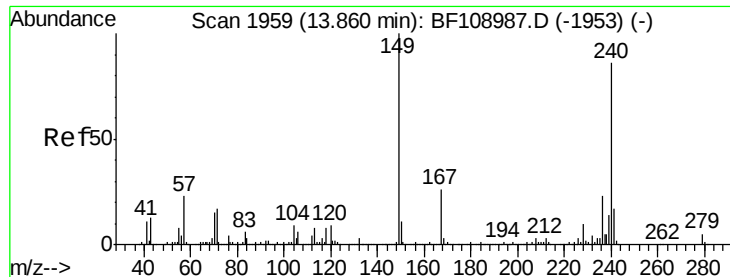
Tot Ion:149 Resp: 1396001
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 4.9 3.8 5.8



#74
Fluoranthene
Concen: 40.198 ng
RT: 12.44 min Scan# 1718
Delta R.T. 0.01 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

Tgt Ion:202 Resp: 1311045
Ion Ratio Lower Upper
202 100
101 11.6 0.0 34.1
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1960

Delta R.T. 0.01 min

Lab File: BF109141.D

Acq: 19 Sep 2018 14:06

Instrument :

BNA_F

ClientSampleId :

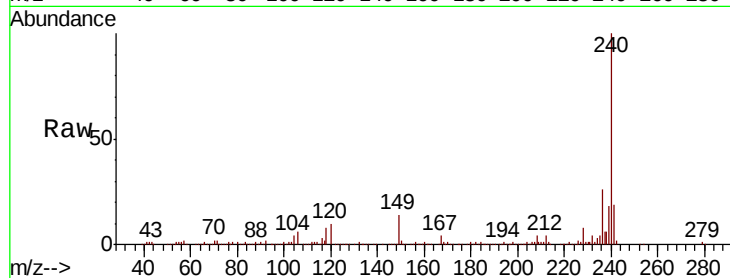
Tot Ion:240 Resp: 456383

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

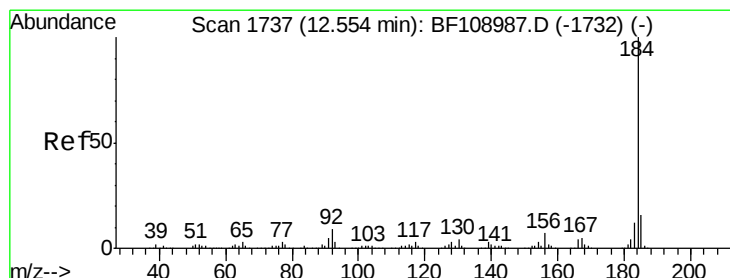
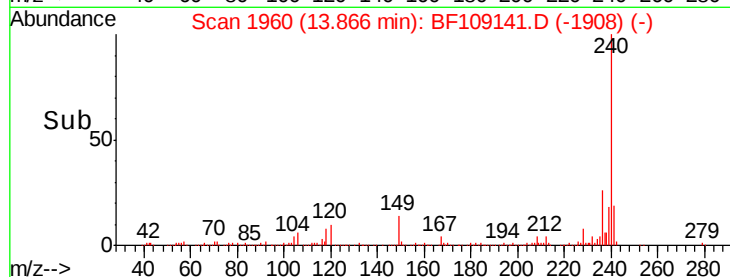
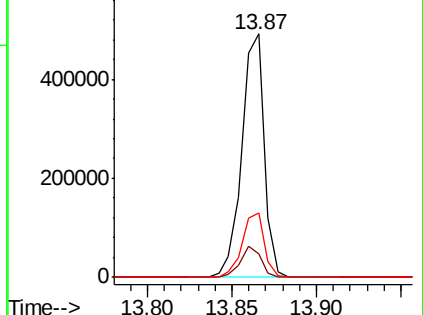
236 26.2 20.7 31.1



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: 29.708 ng

RT: 12.56 min Scan# 1738

Delta R.T. 0.01 min

Lab File: BF109141.D

Acq: 19 Sep 2018 14:06

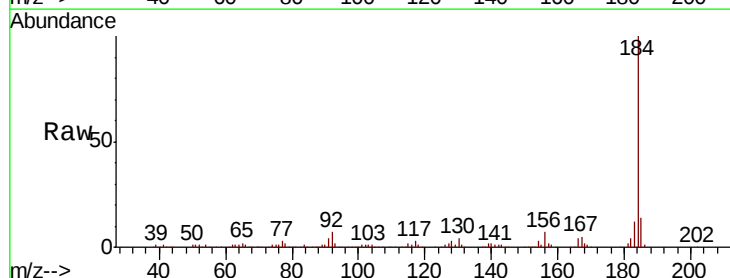
Tgt Ion:184 Resp: 479941

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

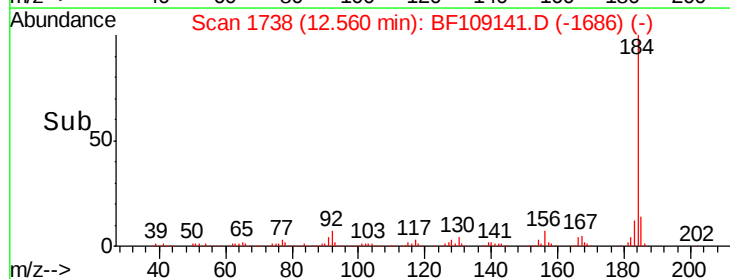
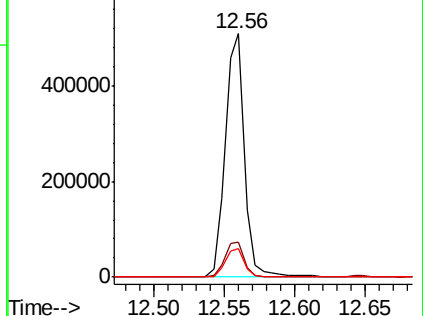
183 11.8 9.3 13.9

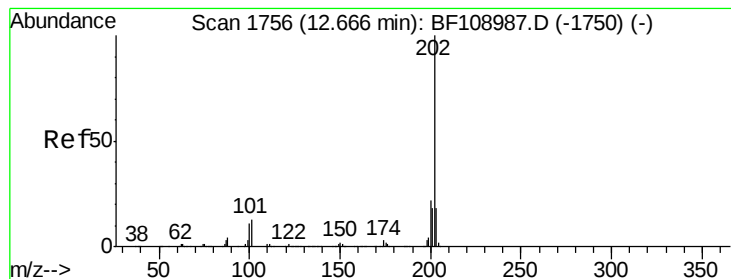


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.991 ng

RT: 12.67 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BF109141.D

Acq: 19 Sep 2018 14:06

Instrument :

BNA_F

ClientSampleId :

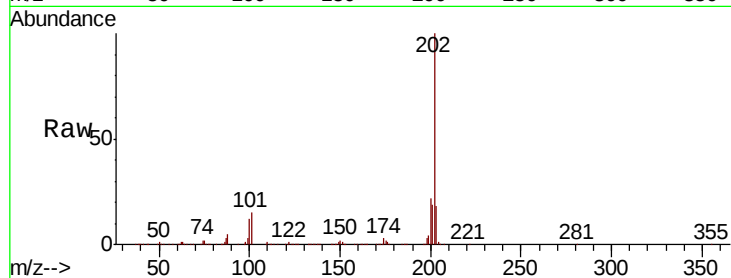
Tot Ion:202 Resp: 1321765

Ion Ratio Lower Upper

202 100

200 22.4 17.4 26.2

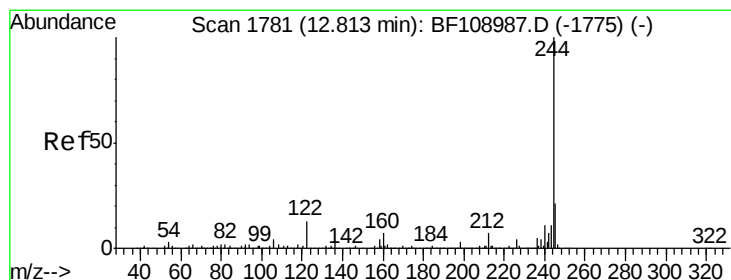
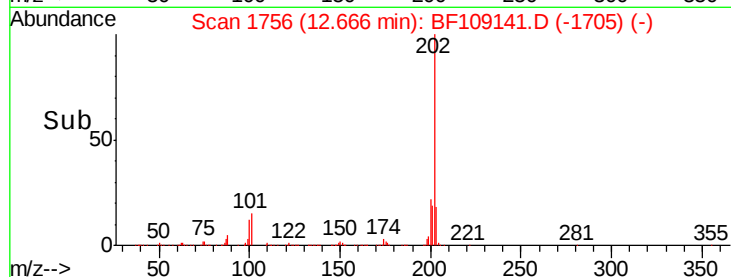
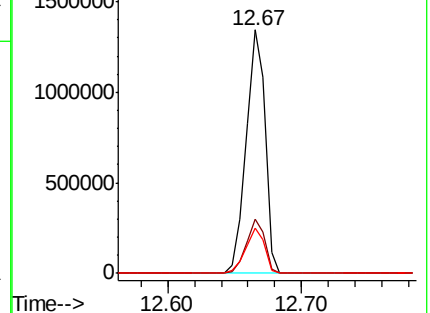
203 18.5 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.904 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109141.D

Acq: 19 Sep 2018 14:06

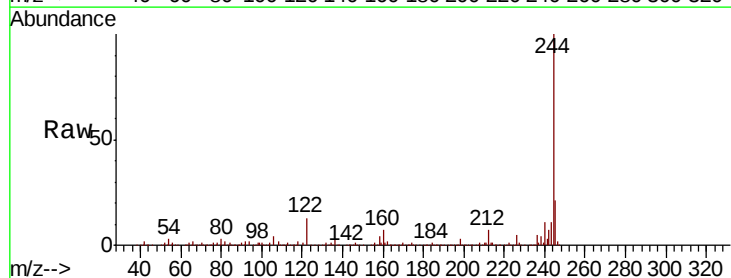
Tgt Ion:244 Resp: 1500001

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

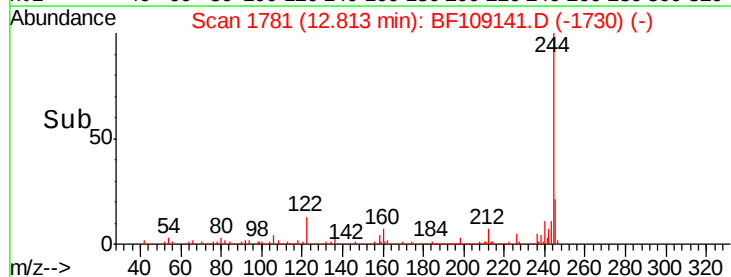
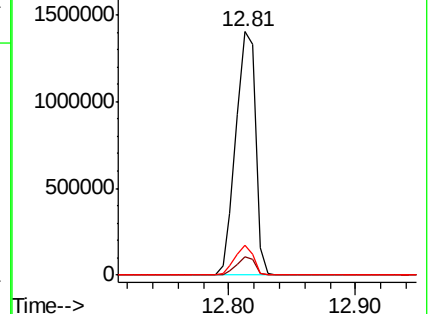
122 12.5 11.0 16.4

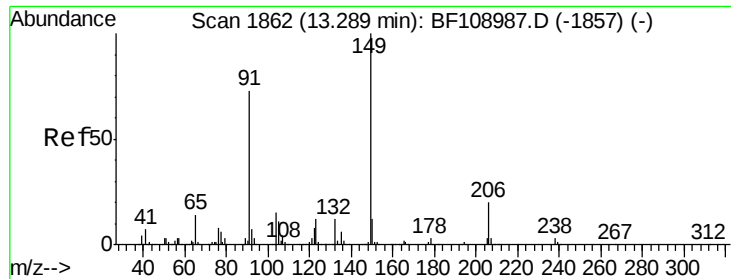


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

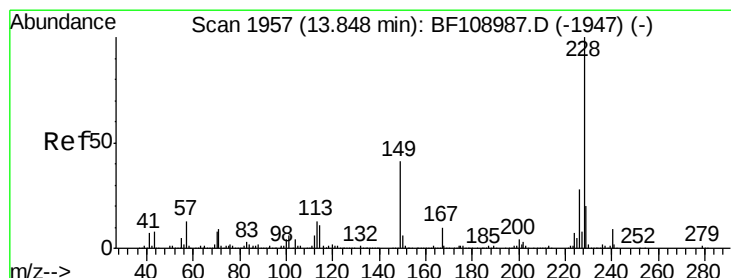
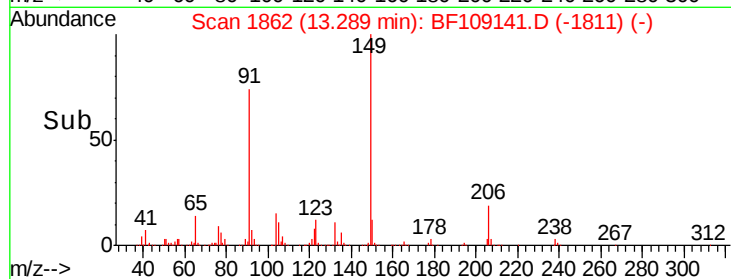
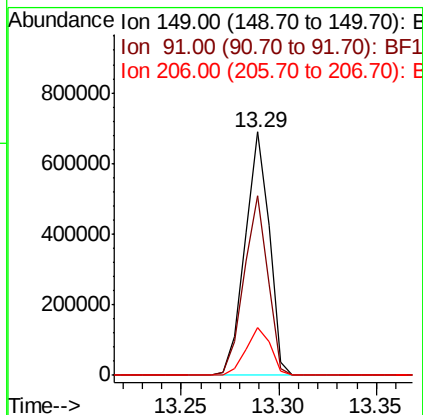
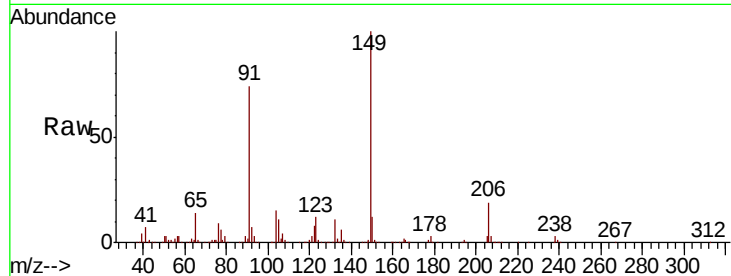




#79
Butylbenzylphthalate
Concen: 39.147 ng
RT: 13.29 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

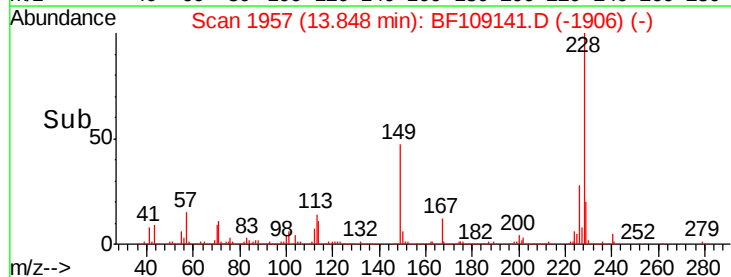
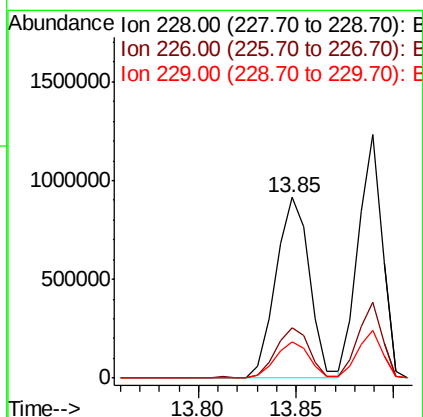
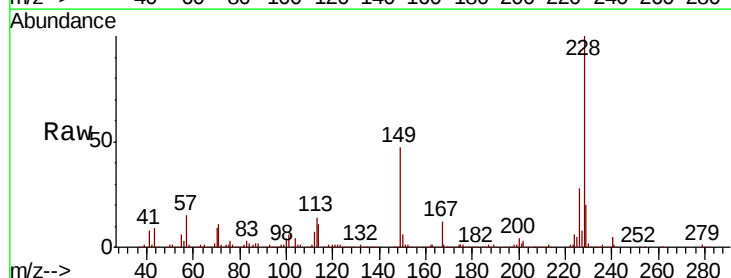
Instrument :
BNA_F
ClientSampleId :

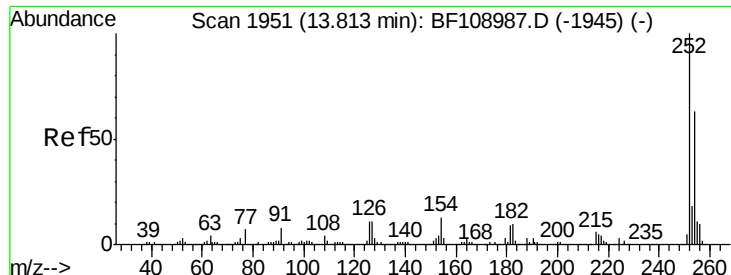
Tot Ion:149 Resp: 592723
Ion Ratio Lower Upper
149 100
91 73.6 56.8 85.2
206 19.5 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.719 ng
RT: 13.85 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

Tgt Ion:228 Resp: 1097468
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 20.1 15.8 23.6

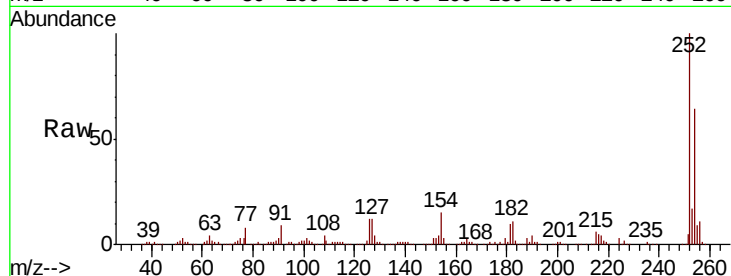




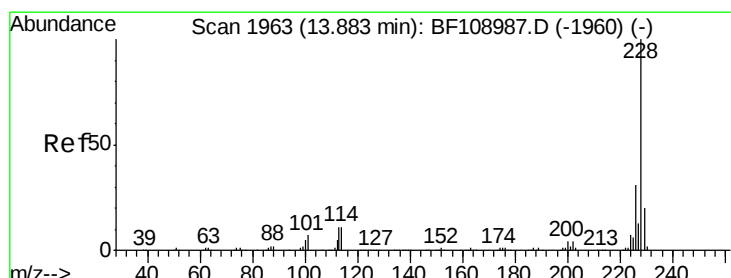
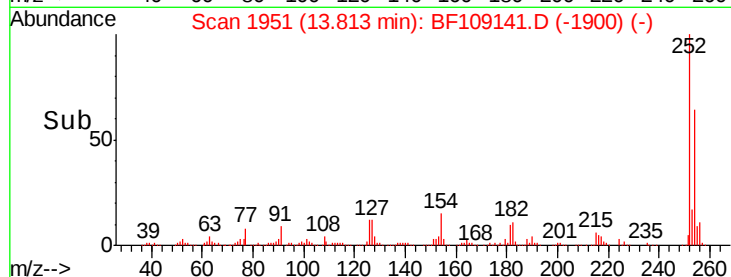
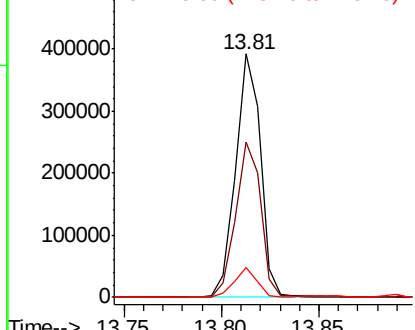
#81
 3,3'-Dichlorobenzidine
 Concen: 31.241 ng
 RT: 13.81 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BF109141.D
 Acq: 19 Sep 2018 14:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 348330
 Ion Ratio Lower Upper
 252 100
 254 63.7 50.4 75.6
 126 12.5 11.3 16.9

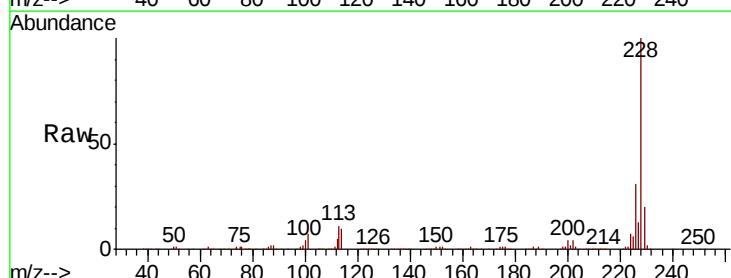


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

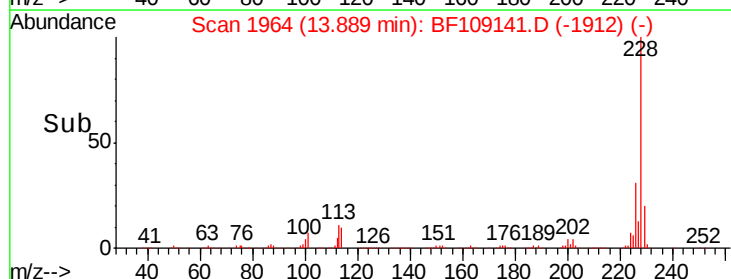
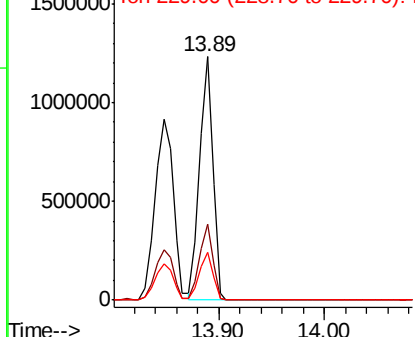


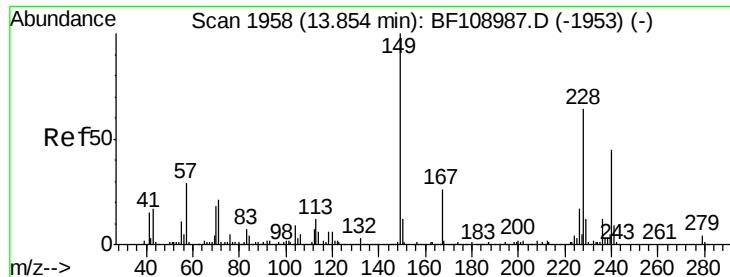
#82
 Chrysene
 Concen: 38.384 ng
 RT: 13.89 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: BF109141.D
 Acq: 19 Sep 2018 14:06

Tgt Ion:228 Resp: 1061133
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.0 37.6
 229 19.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

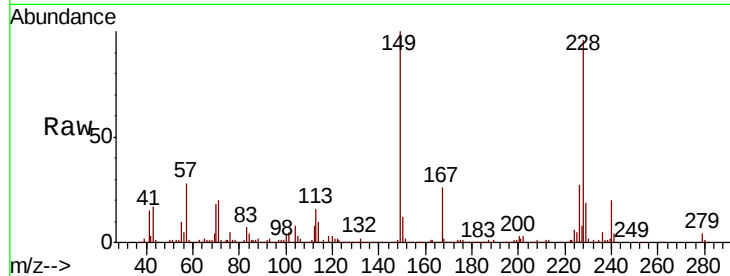




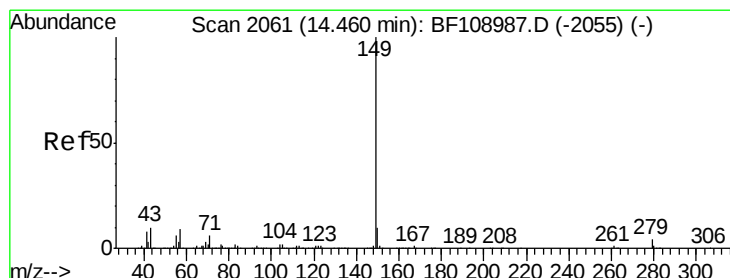
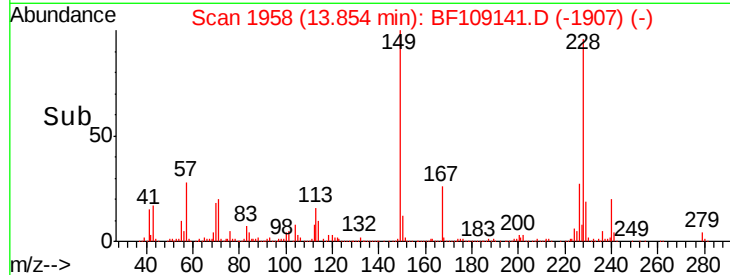
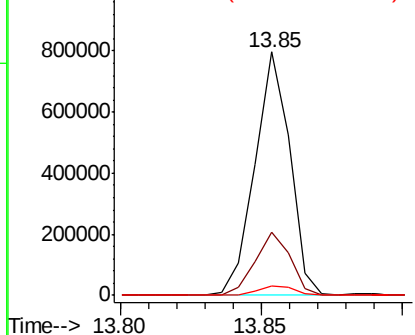
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.474 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. 0.00 min
 Lab File: BF109141.D
 Acq: 19 Sep 2018 14:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.3	31.9
279	3.7	3.0	4.4

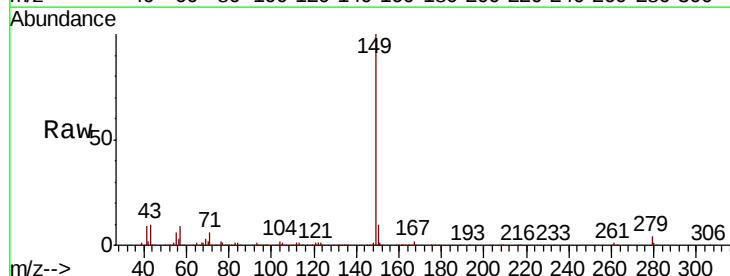


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

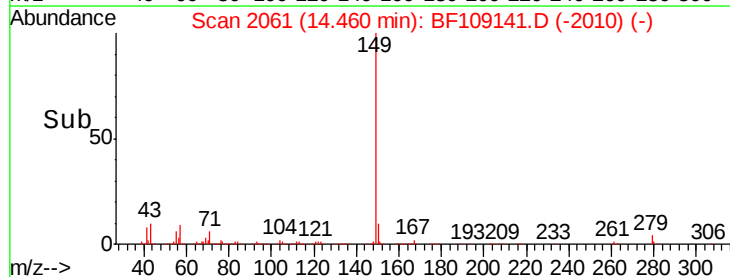
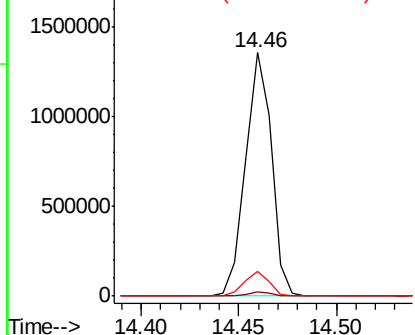


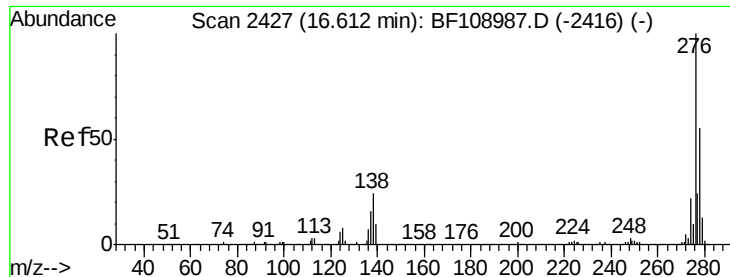
#84
 Di-n-octyl phthalate
 Concen: 40.221 ng
 RT: 14.46 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: BF109141.D
 Acq: 19 Sep 2018 14:06

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

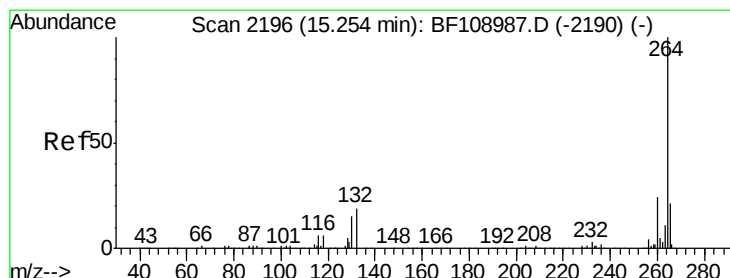
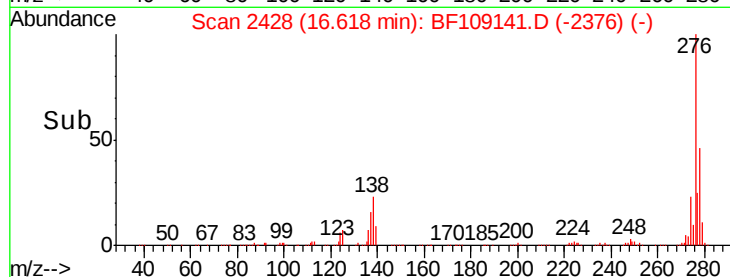
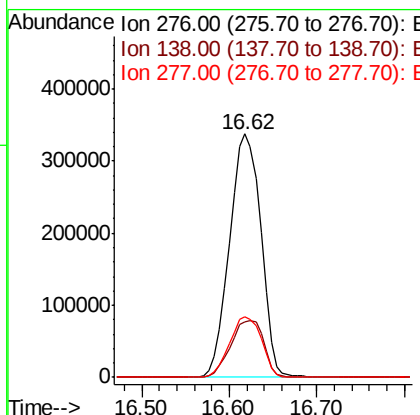
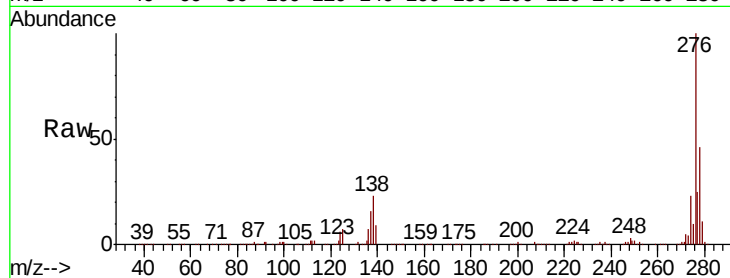




#85
Indeno(1,2,3-cd)pyrene
Concen: 37.252 ng
RT: 16.62 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

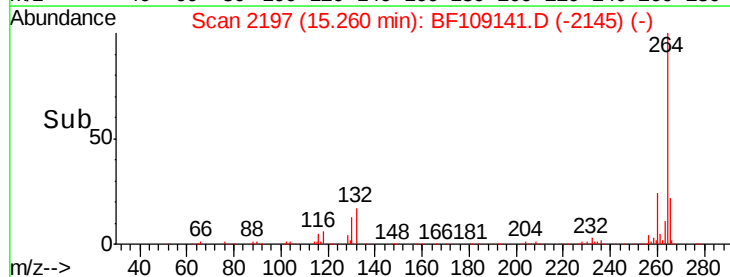
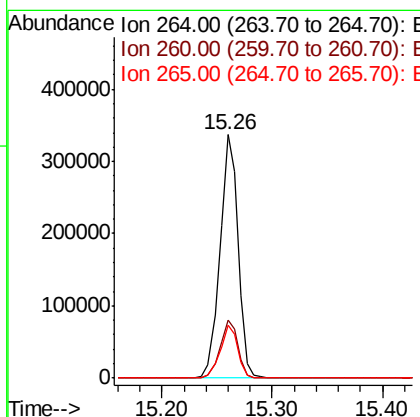
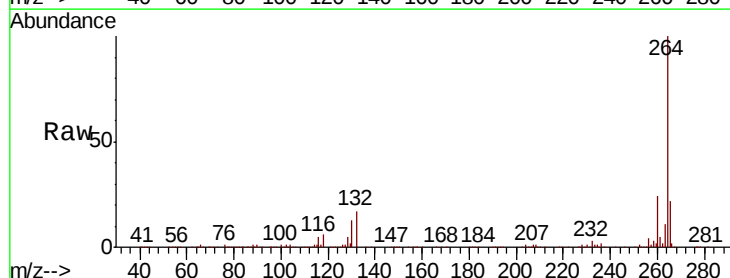
Instrument :
BNA_F
ClientSampleId :

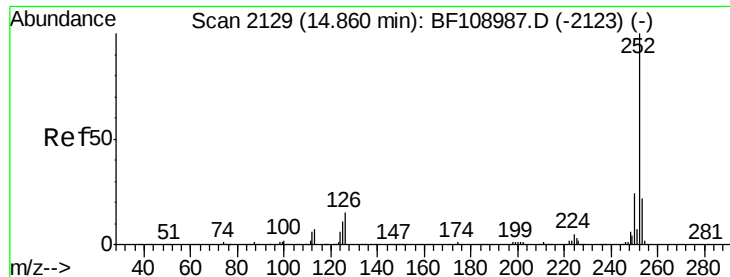
Tot Ion:276 Resp: 823323
Ion Ratio Lower Upper
276 100
138 24.6 25.0 37.6#
277 25.5 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109141.D
Acq: 19 Sep 2018 14:06

Tgt Ion:264 Resp: 384205
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.5 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 48.502 ng

RT: 14.87 min Scan# 2130

Delta R.T. 0.01 min

Lab File: BF109141.D

Acq: 19 Sep 2018 14:06

Instrument :

BNA_F

ClientSampled :

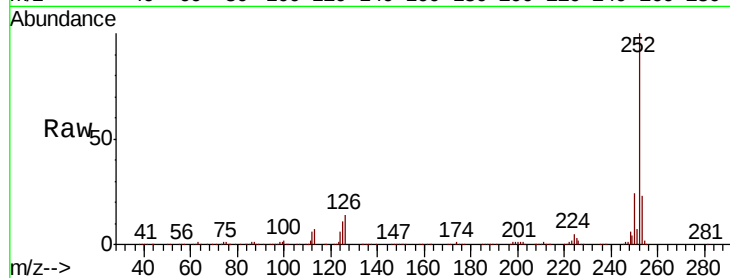
Tot Ion:252 Resp: 1030903

Ion Ratio Lower Upper

252 100

253 22.9 17.0 25.6

125 11.0 9.0 13.6

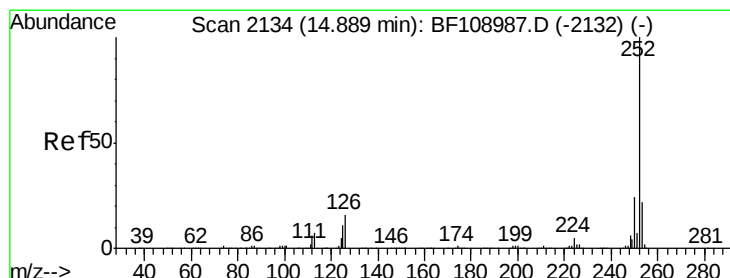
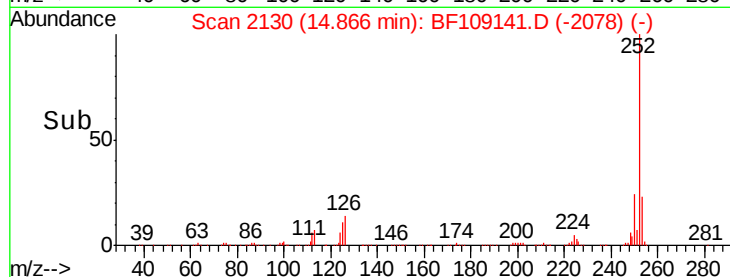
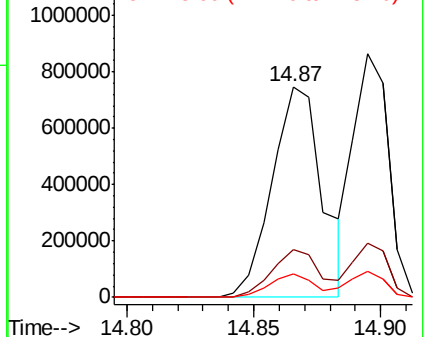


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.472 ng

RT: 14.89 min Scan# 2135

Delta R.T. 0.01 min

Lab File: BF109141.D

Acq: 19 Sep 2018 14:06

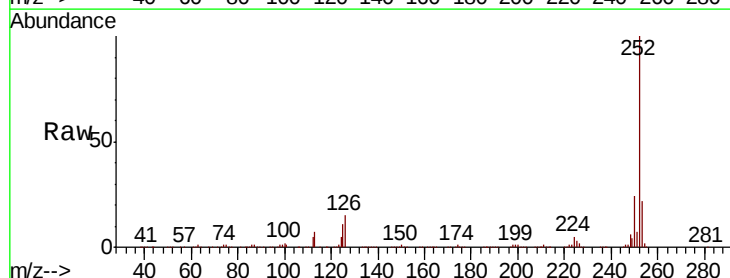
Tgt Ion:252 Resp: 843180

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

125 10.9 10.2 15.2

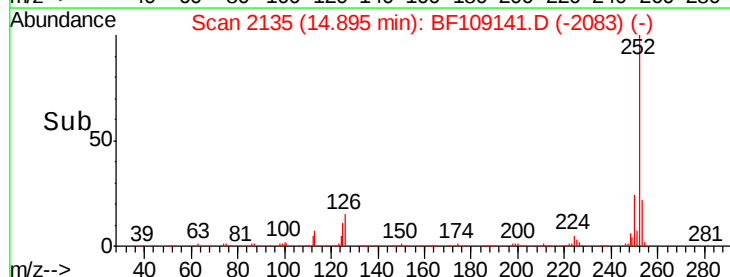
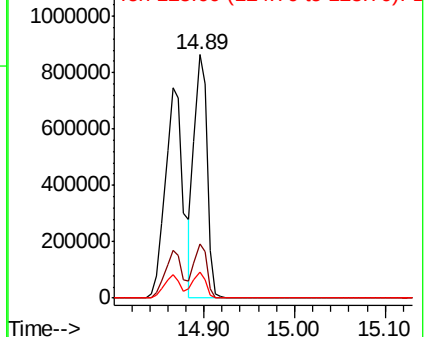


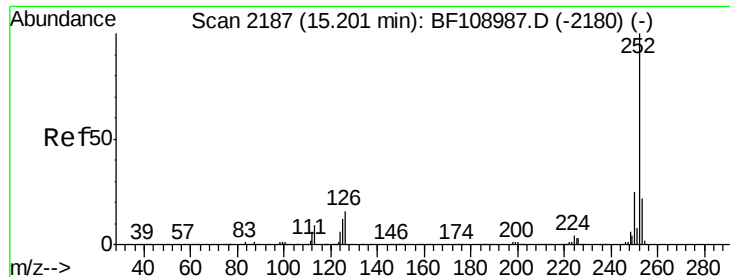
Abundance

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





#89

Benzo(a)pyrene

Concen: 45.307 ng

RT: 15.21 min Scan# 2188

Delta R.T. 0.01 min

Lab File: BF109141.D

Acq: 19 Sep 2018 14:06

Instrument :

BNA_F

ClientSampled :

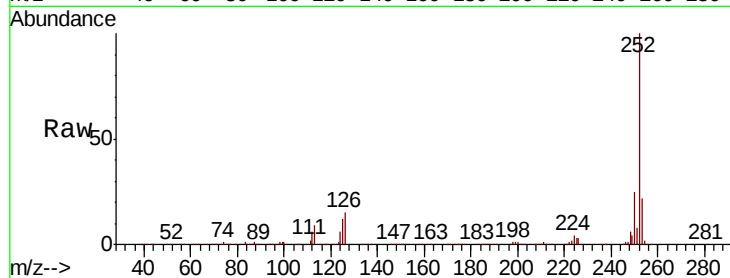
Tot Ion:252 Resp: 855213

Ion Ratio Lower Upper

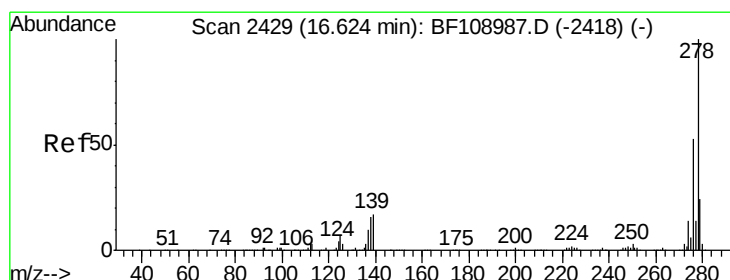
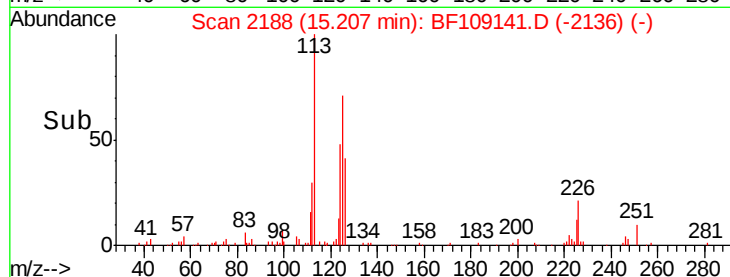
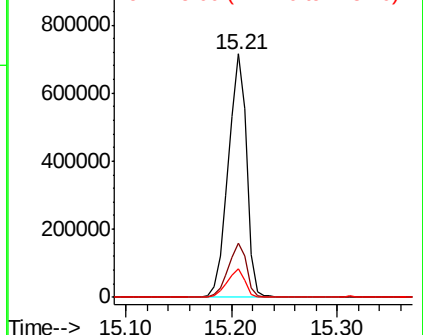
252 100

253 22.1 17.1 25.7

125 11.7 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: 43.576 ng

RT: 16.64 min Scan# 2431

Delta R.T. 0.01 min

Lab File: BF109141.D

Acq: 19 Sep 2018 14:06

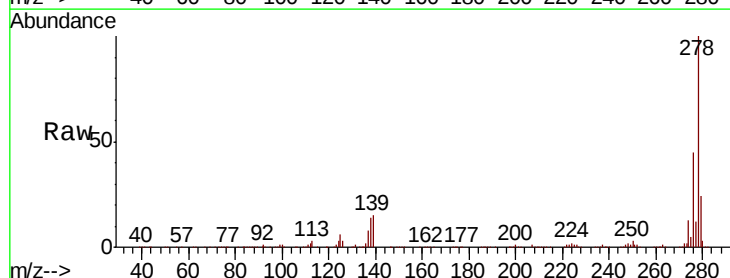
Tgt Ion:278 Resp: 691042

Ion Ratio Lower Upper

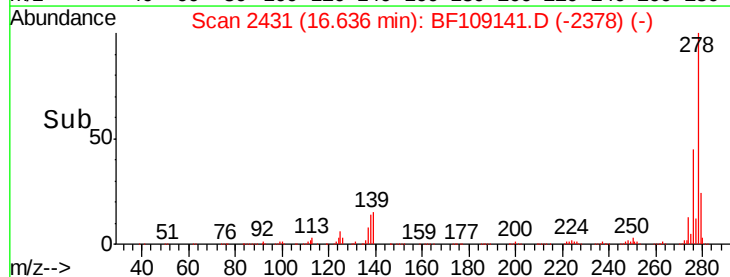
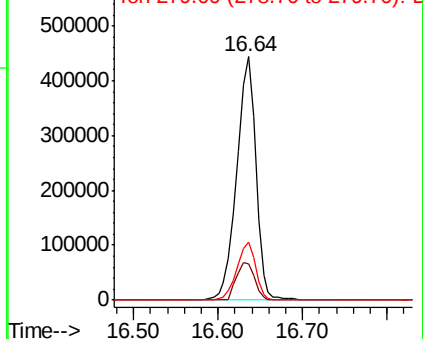
278 100

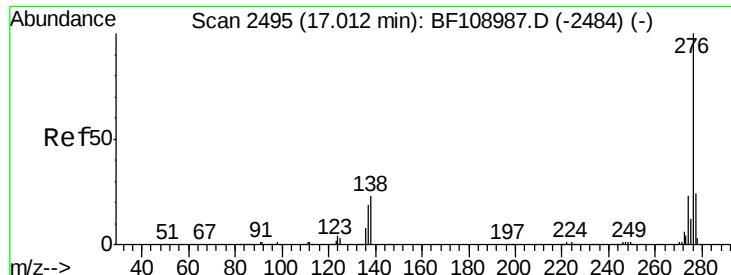
139 15.1 15.9 23.9#

279 23.6 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: 44.631 ng

RT: 17.03 min Scan# 2498

Delta R.T. 0.02 min

Lab File: BF109141.D

Acq: 19 Sep 2018 14:06

Instrument :

BNA_F

ClientSampleId :

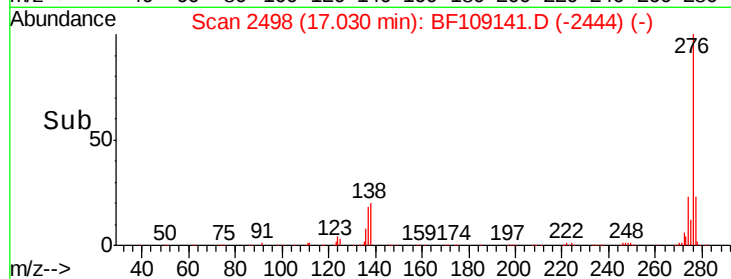
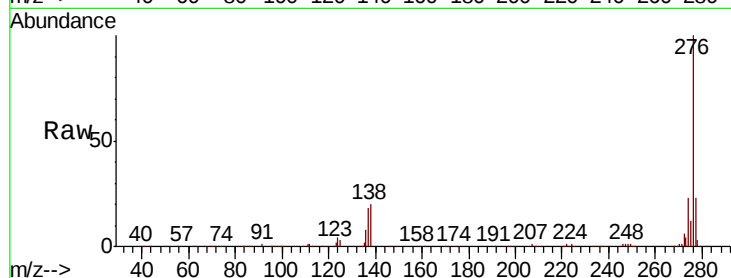
Tot Ion: 276 Resp: 707613

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 20.3 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

