

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082198.D
 Acq On : 11 Oct 2015 2:12
 Operator : UM/IZ
 Sample : G3906-09MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 03:03:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 02:59:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	95807	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	374641	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	189112	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	358902	20.00	ng	0.00
75) Chrysene-d12	14.01	240	320949	20.00	ng	0.00
86) Perylene-d12	15.44	264	263494	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	469211	98.84	ng	0.01
7) Phenol-d6	6.47	99	407761	66.01	ng	-0.01
23) Nitrobenzene-d5	7.42	82	607767	108.94	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	263208	148.41	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1214686	106.52	ng	0.00
78) Terphenyl-d14	12.96	244	1245855	102.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	56019	23.49	ng	96
3) Pyridine	3.20	79	107824	19.44	ng	99
4) n-Nitrosodimethylamine	3.15	42	57606	24.48	ng	95
6) Aniline	6.50	93	225891	28.36	ng	97
8) 2-Chlorophenol	6.63	128	239159	41.27	ng	99
9) Benzaldehyde	6.39	77	167671	53.15	ng	96
10) Phenol	6.49	94	157432	22.10	ng	97
11) bis(2-Chloroethyl)ether	6.58	93	284861	47.29	ng	95
12) 1,3-Dichlorobenzene	6.78	146	295682	43.81	ng	99
13) 1,4-Dichlorobenzene	6.86	146	310487	44.05	ng	99
14) 1,2-Dichlorobenzene	7.01	146	274701	41.05	ng	98
15) Benzyl Alcohol	6.98	79	166458	39.03	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	378003	45.07	ng	99
17) 2-Methylphenol	7.10	107	172676	37.68	ng	99
18) Hexachloroethane	7.35	117	103551	42.92	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	189646	43.71	ng	# 86
20) 3+4-Methylphenols	7.26	107	198649	36.38	ng	94
22) Acetophenone	7.26	105	375985	50.73	ng	94
24) Nitrobenzene	7.43	77	273837	45.35	ng	96
25) Isophorone	7.67	82	542132	48.15	ng	99
26) 2-Nitrophenol	7.75	139	159063	52.75	ng	96
27) 2,4-Dimethylphenol	7.78	122	229812	47.31	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	348266	53.16	ng	100
29) 2,4-Dichlorophenol	7.99	162	254649	52.44	ng	100
30) 1,2,4-Trichlorobenzene	8.07	180	264656	47.28	ng	97
31) Naphthalene	8.15	128	848089	52.22	ng	99
32) Benzoic acid	7.90	122	69860	21.43	ng	96
33) 4-Chloroaniline	8.21	127	204712	30.35	ng	97
34) Hexachlorobutadiene	8.26	225	159500	45.73	ng	99
35) Caprolactam	8.59	113	17000	12.06	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	245899	51.78	ng	92
37) 2-Methylnaphthalene	8.85	142	589397	52.35	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	270727	48.13	ng	98
40) Hexachlorocyclopentadiene	8.99	237	259484	90.01	ng	98

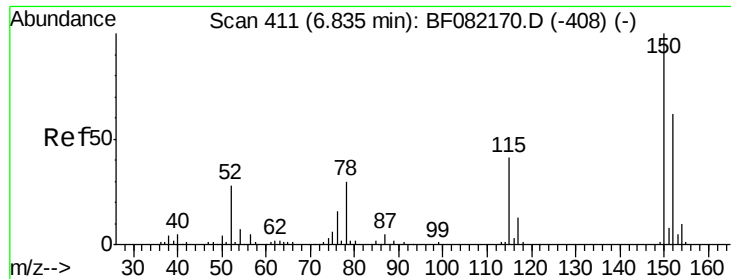
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 02:59:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	180310	48.26	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	195859	48.39	nq	98
45) 1,1'-Biphenyl	9.30	154	667261	46.27	nq	99
46) 2-Chloronaphthalene	9.34	162	549601	48.41	nq	98
47) 2-Nitroaniline	9.43	65	156757	50.30	nq	97
48) Acenaphthylene	9.75	152	855353	48.37	nq	100
49) Dimethylphthalate	9.61	163	647232	48.60	nq	100
50) 2,6-Dinitrotoluene	9.68	165	155059	55.18	nq	97
51) Acenaphthene	9.92	154	525928	49.54	nq	98
52) 3-Nitroaniline	9.85	138	99877	31.47	nq	96
53) 2,4-Dinitrophenol	9.95	184	142832	90.09	nq	# 83
54) Dibenzofuran	10.09	168	738283	50.65	nq	99
55) 4-Nitrophenol	10.01	139	97387	51.69	nq	91
56) 2,4-Dinitrotoluene	10.08	165	176838	50.35	nq	91
57) Fluorene	10.43	166	613010	51.21	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	165040	49.91	nq	97
59) Diethylphthalate	10.31	149	611902	49.30	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	267321	48.75	nq	99
61) 4-Nitroaniline	10.47	138	147542	47.93	nq	99
62) Azobenzene	10.58	77	615158	50.64	nq	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	104371	51.82	nq	88
65) n-Nitrosodiphenylamine	10.55	169	520165	48.41	nq	100
66) 4-Bromophenyl-phenylether	10.91	248	176977	49.27	nq	99
67) Hexachlorobenzene	10.98	284	194745	50.13	nq	99
68) Atrazine	11.07	200	159848	46.95	nq	99
69) Pentachlorophenol	11.18	266	211593	105.85	nq	98
70) Phenanthrene	11.39	178	865138	49.18	nq	99
71) Anthracene	11.45	178	985044	54.34	nq	99
72) Carbazole	11.60	167	810751	49.03	nq	100
73) Di-n-butylphthalate	11.93	149	1028144	50.40	nq	99
74) Fluoranthene	12.58	202	977054	51.71	nq	99
76) Benzidine	12.71	184	181762	19.54	nq	98
77) Pyrene	12.81	202	948394	49.79	nq	100
79) Butylbenzylphthalate	13.43	149	431065	49.59	nq	97
80) Benzo(a)anthracene	14.00	228	832766	49.87	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	234055	36.93	nq	98
82) Chrysene	14.04	228	779468	44.30	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	633357	51.07	nq	99
84) Di-n-octyl phthalate	14.60	149	1045819	49.11	nq	100
85) Indeno(1,2,3-cd)pyrene	16.86	276	712709	50.96	nq	100
87) Benzo(b)fluoranthene	15.06	252	1497506	93.41	nq	98
88) Benzo(k)fluoranthene	15.06	252	1500633	111.37	nq	99
89) Benzo(a)pyrene	15.38	252	708158	51.40	nq	100
90) Dibenzo(a,h)anthracene	16.88	278	602724	53.39	nq	# 96
91) Benzo(g,h,i)perylene	17.28	276	593186	54.08	nq	100

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

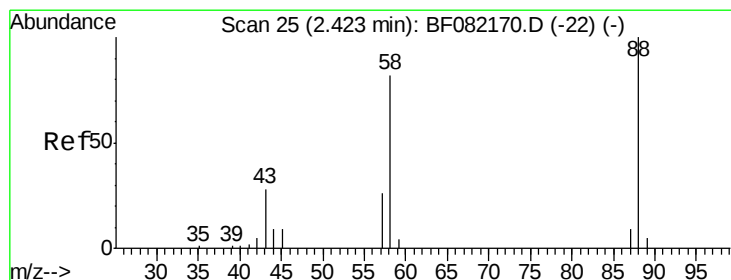
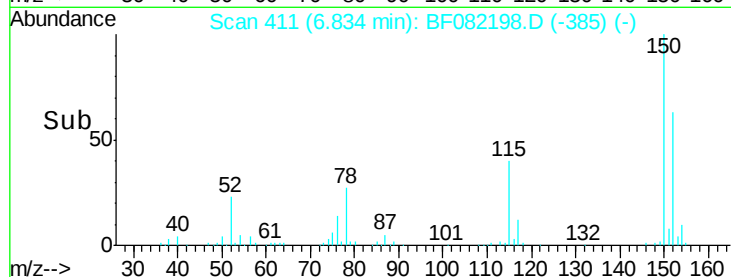
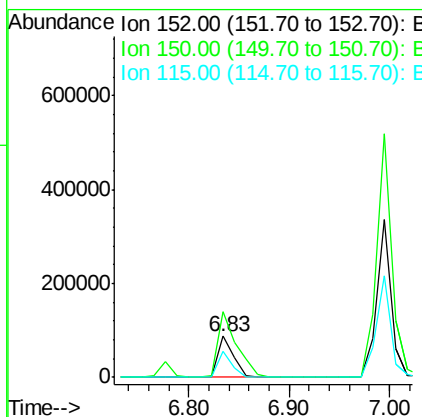
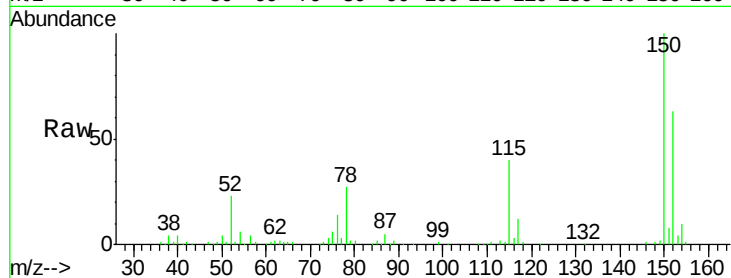


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF082198.D
Acq: 11 Oct 2015 2:12

Instrument :
BNA_F
ClientSampleId :

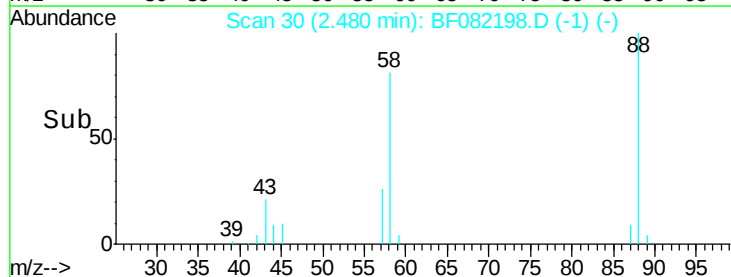
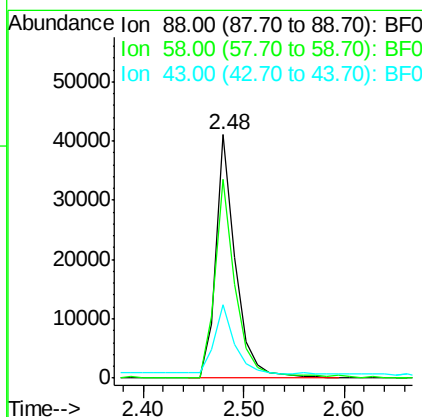
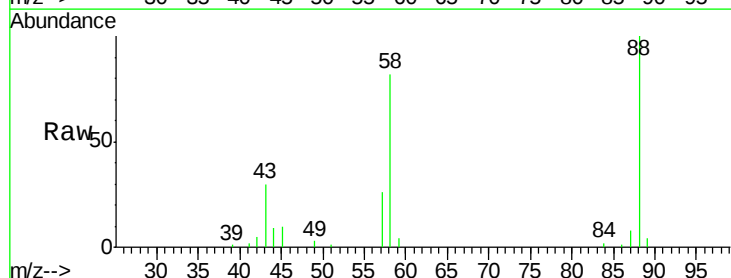
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	129.0	193.4
115	62.8	52.1	78.1

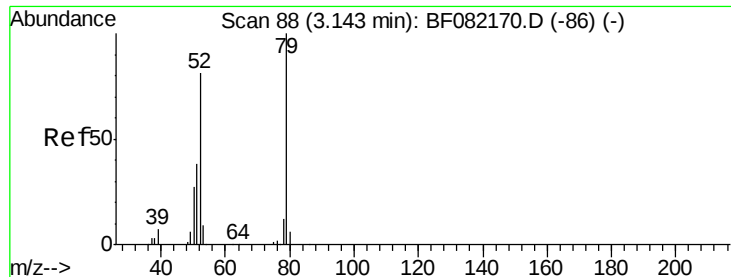


#2

1,4-Dioxane
Concen: 23.49 ng
RT: 2.48 min Scan# 30
Delta R.T. 0.06 min
Lab File: BF082198.D
Acq: 11 Oct 2015 2:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.6	66.2	99.4
43	28.8	23.0	34.4

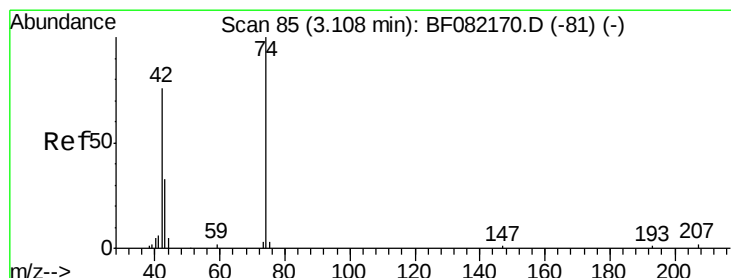
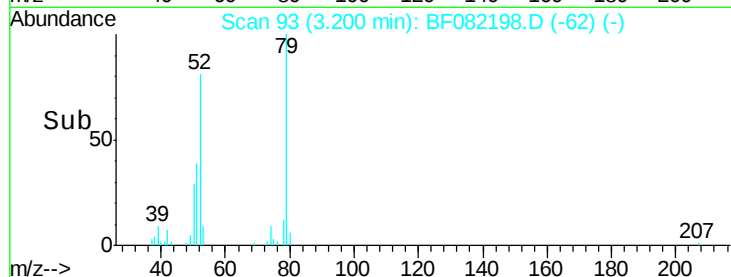
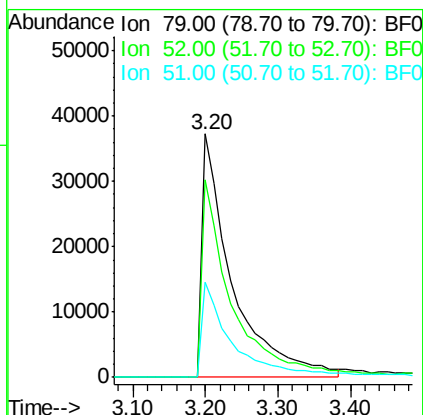
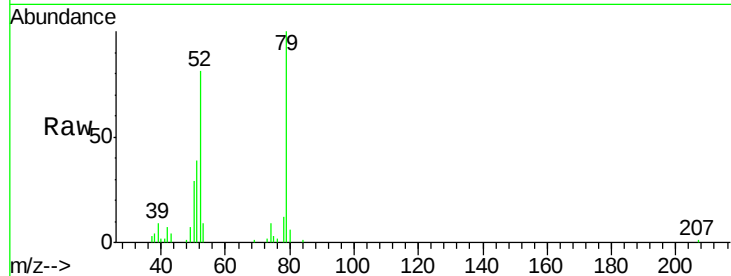




#3
 Pvridine
 Concen: 19.44 ng
 RT: 3.20 min Scan# 93
 Delta R.T. 0.06 min
 Lab File: BF082198.D
 Acq: 11 Oct 2015 2:12

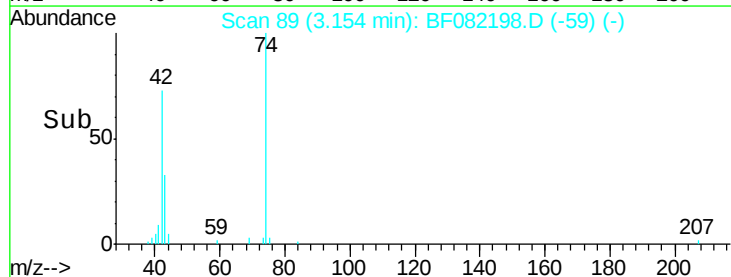
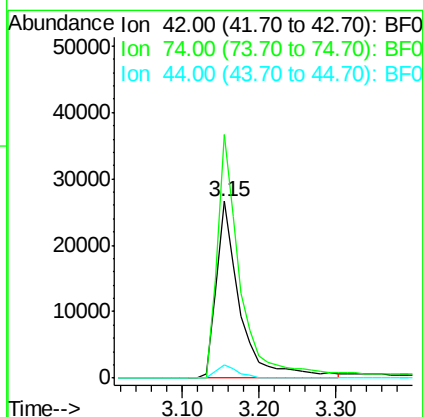
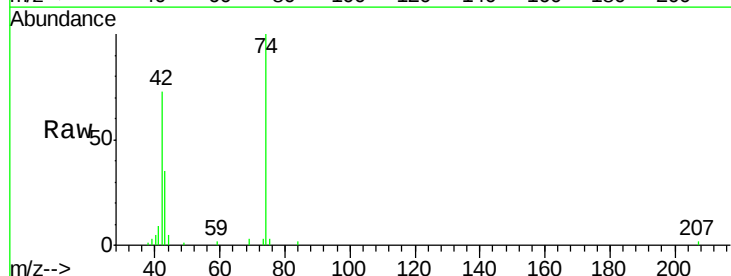
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 107824
 Ion Ratio Lower Upper
 79 100
 52 81.2 64.4 96.6
 51 39.1 30.5 45.7



#4
 n-Nitrosodimethylamine
 Concen: 24.48 ng
 RT: 3.15 min Scan# 89
 Delta R.T. 0.05 min
 Lab File: BF082198.D
 Acq: 11 Oct 2015 2:12

Tgt Ion: 42 Resp: 57606
 Ion Ratio Lower Upper
 42 100
 74 137.9 105.7 158.5
 44 7.4 5.4 8.2





#5

2-Fluorophenol

Concen: 98.84 ng

RT: 5.44 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

Instrument :

BNA_F

ClientSampleId :

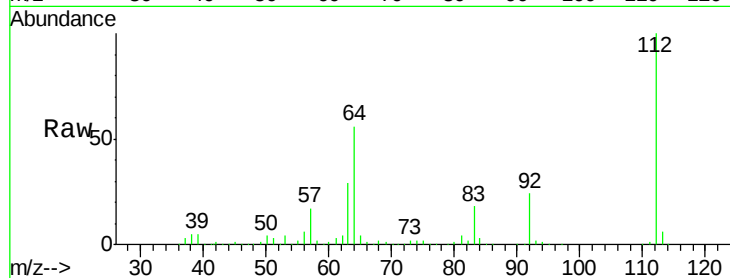
Tot Ion:112 Resp: 469211

Ion Ratio Lower Upper

112 100

64 55.8 48.6 73.0

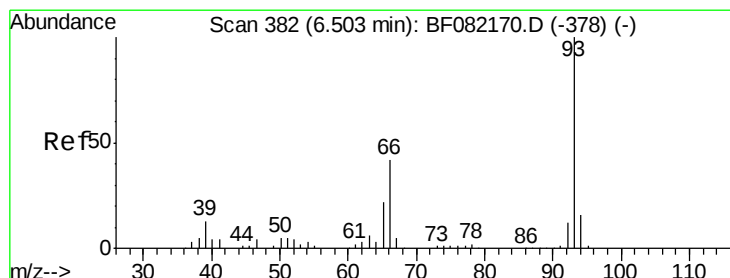
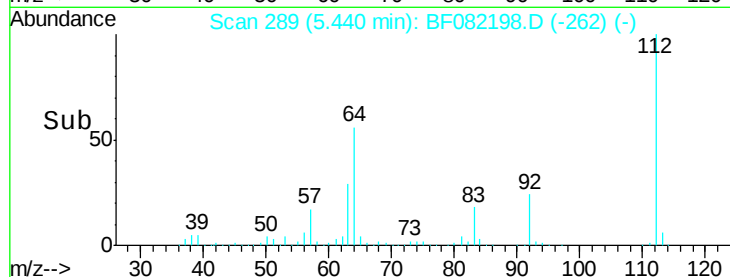
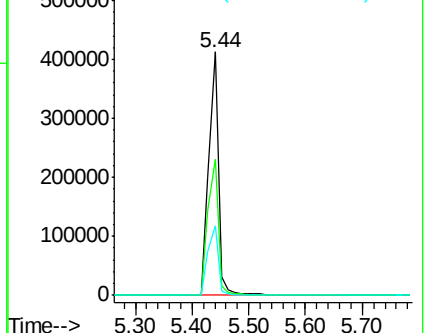
63 28.7 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.36 ng

RT: 6.50 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

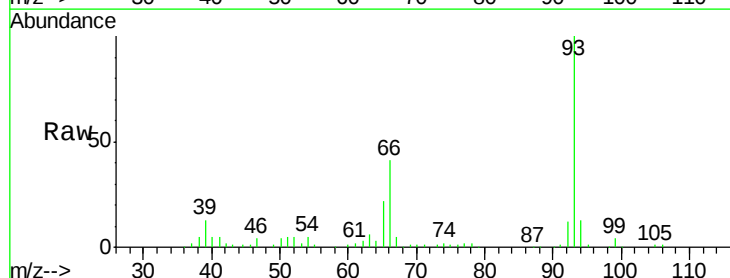
Tgt Ion: 93 Resp: 225891

Ion Ratio Lower Upper

93 100

66 40.8 34.2 51.2

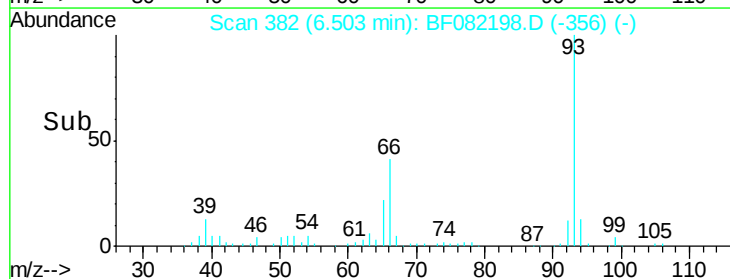
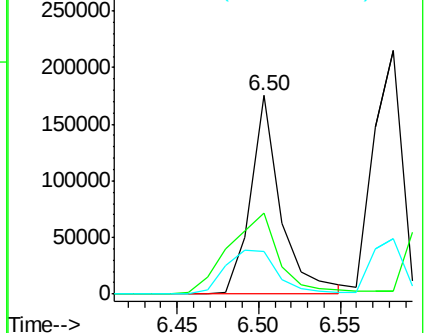
65 21.6 17.9 26.9

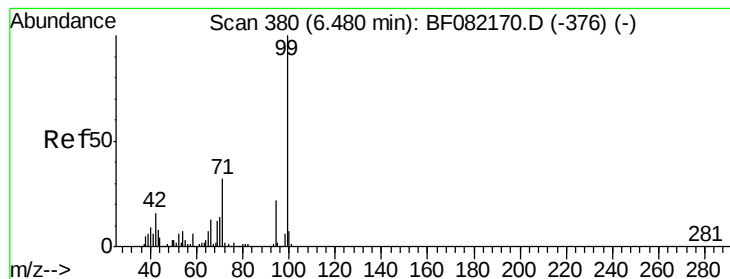


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 66.01 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

Instrument :

BNA_F

ClientSampleId :

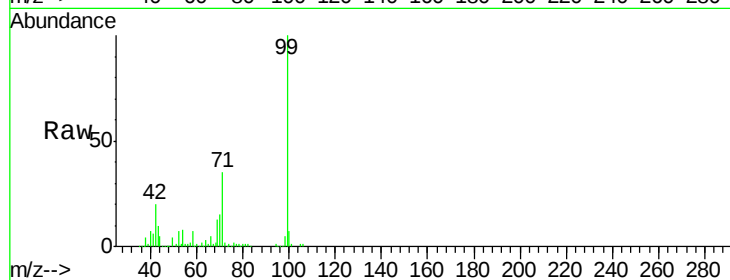
Tot Ion: 99 Resp: 407761

Ion Ratio Lower Upper

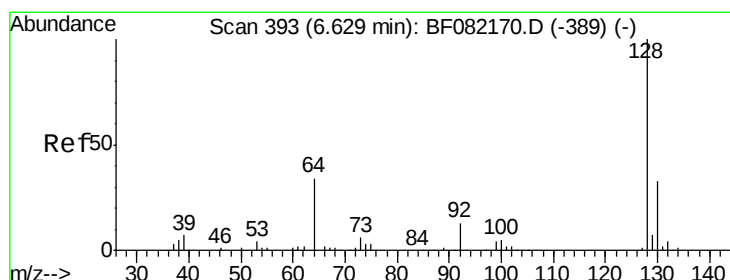
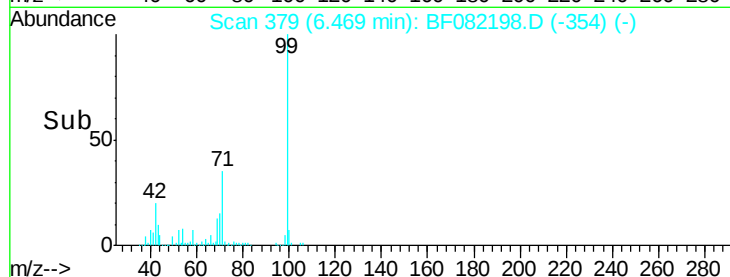
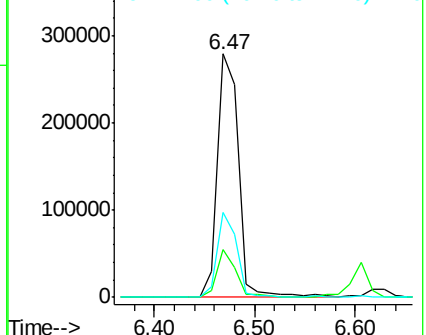
99 100

42 19.6 13.2 19.8

71 34.7 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.27 ng

RT: 6.63 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

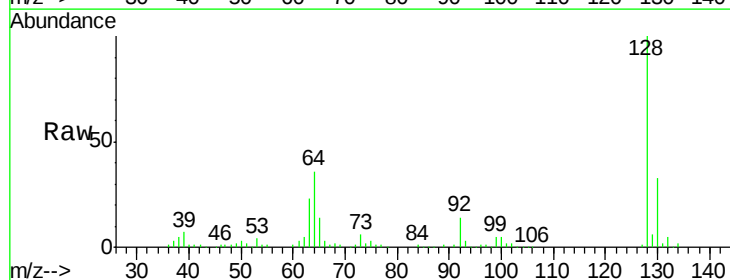
Tgt Ion: 128 Resp: 239159

Ion Ratio Lower Upper

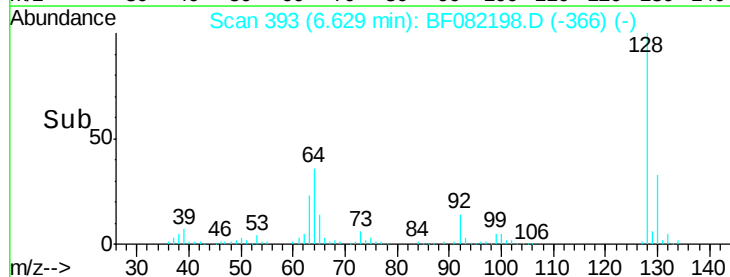
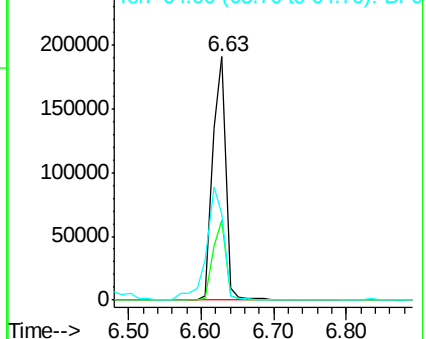
128 100

130 32.8 12.6 52.6

64 35.5 16.7 56.7



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): BF0





#9

Benzaldehyde

Concen: 53.15 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

Instrument :

BNA_F

ClientSampleId :

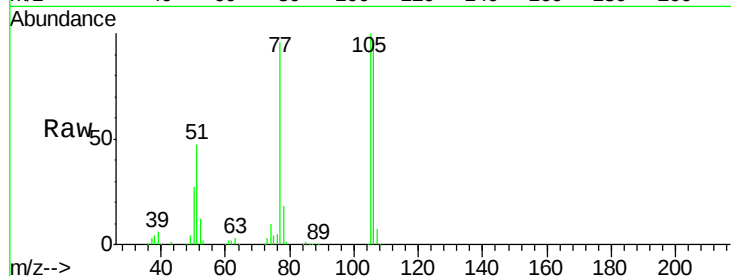
Tot Ion: 77 Resp: 167671

Ion Ratio Lower Upper

77 100

105 104.1 80.6 120.6

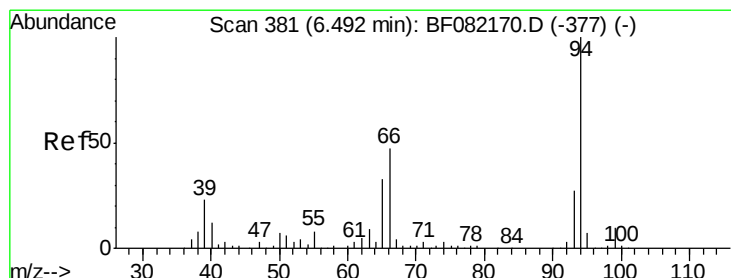
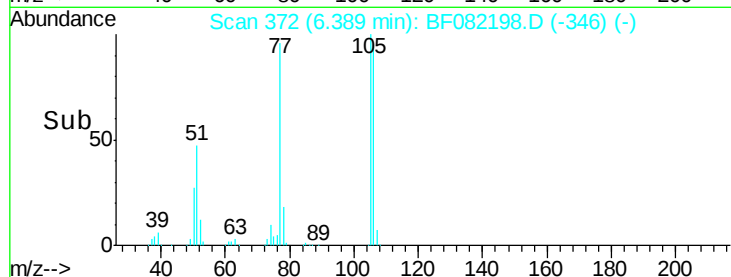
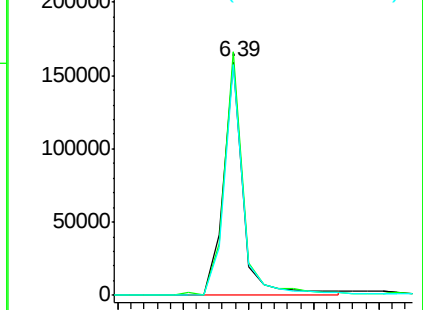
106 99.0 75.5 115.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 22.10 ng

RT: 6.49 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

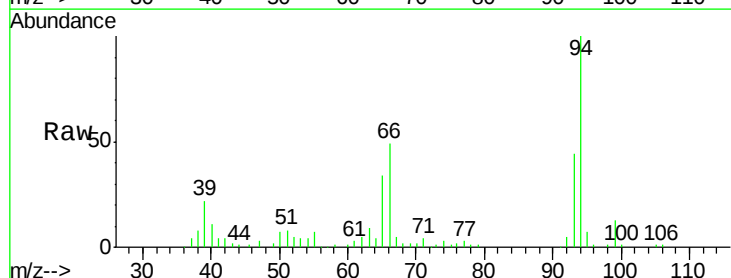
Tgt Ion: 94 Resp: 157432

Ion Ratio Lower Upper

94 100

65 33.9 12.6 52.6

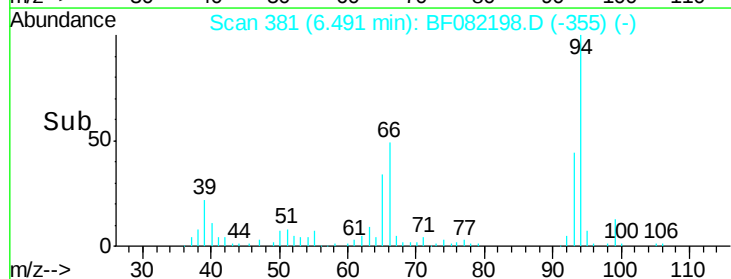
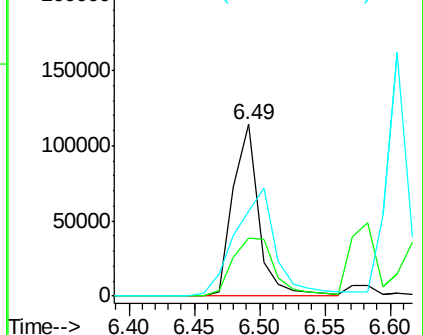
66 49.4 27.3 67.3



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

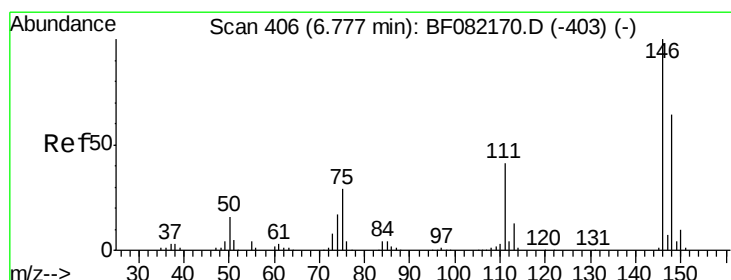
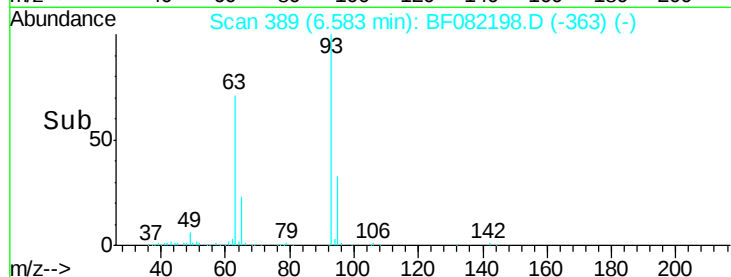
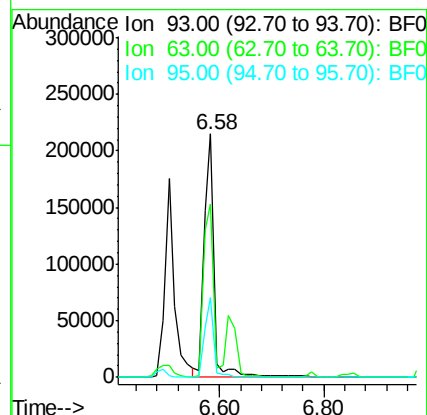
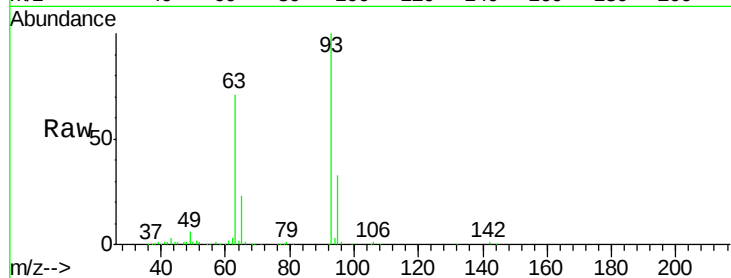




#11
bis(2-Chloroethyl)ether
Concen: 47.29 ng
RT: 6.58 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF082198.D
Acq: 11 Oct 2015 2:12

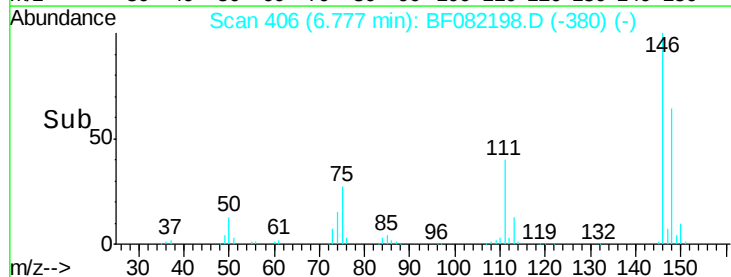
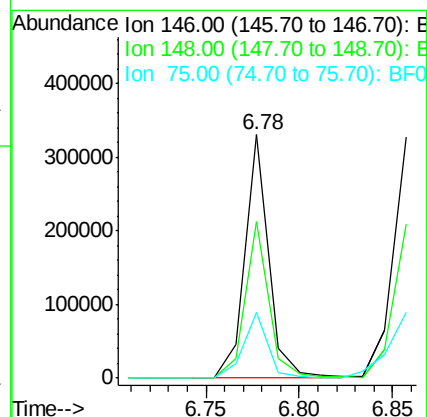
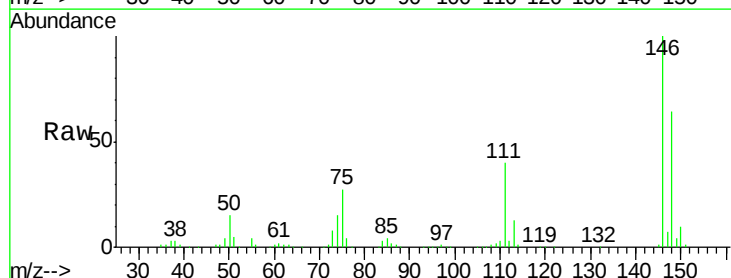
Instrument :
BNA_F
ClientSampleId :

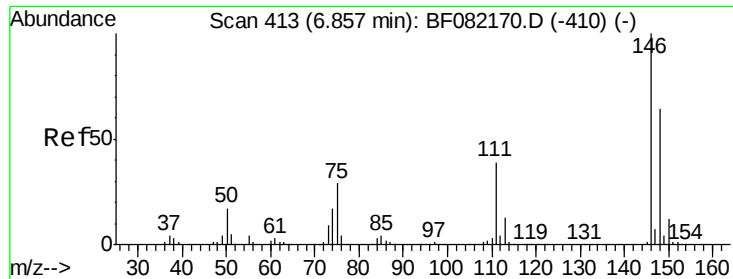
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.0	57.1	97.1
95	32.7	11.9	51.9



#12
1,3-Dichlorobenzene
Concen: 43.81 ng
RT: 6.78 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF082198.D
Acq: 11 Oct 2015 2:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.2
75	27.2	23.0	34.6

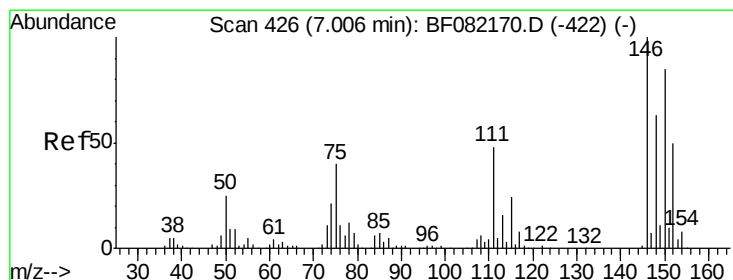
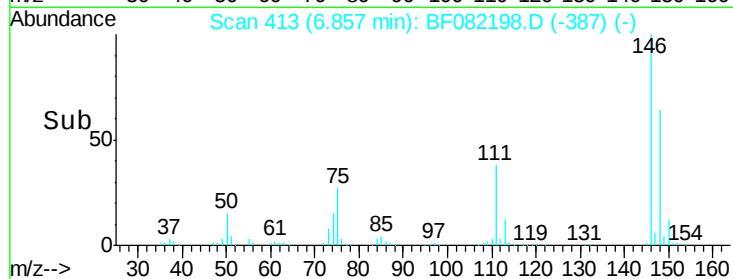
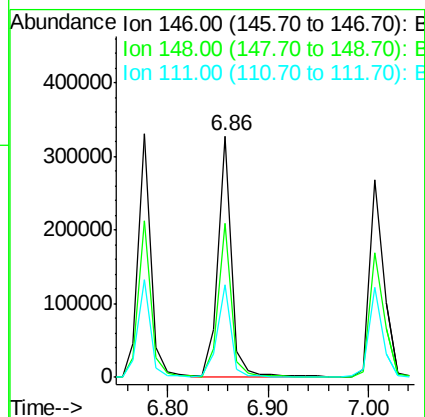
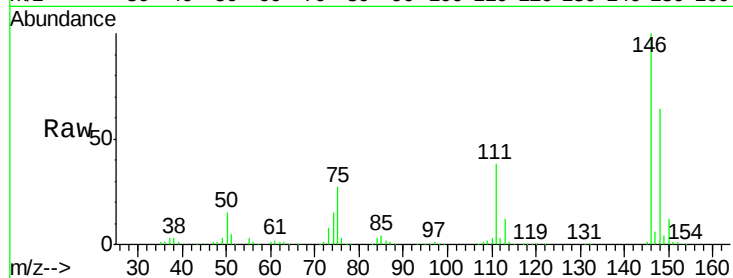




#13
 1,4-Dichlorobenzene
 Concen: 44.05 ng
 RT: 6.86 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BF082198.D
 Acq: 11 Oct 2015 2:12

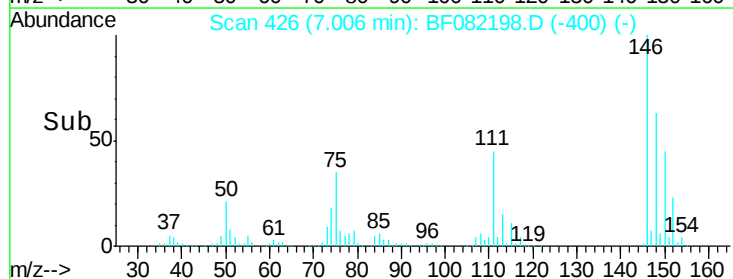
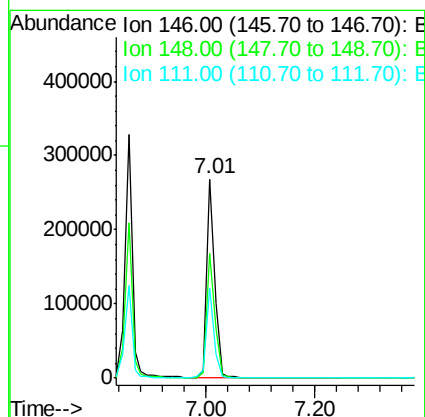
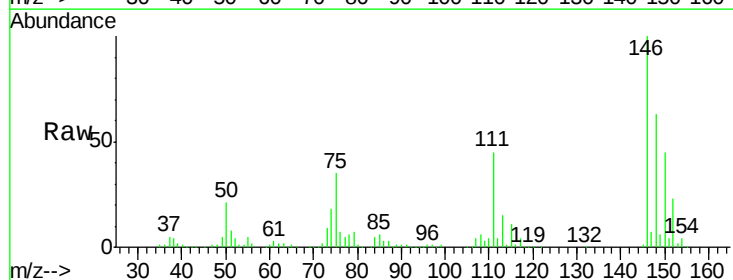
Instrument :
 BNA_F
 ClientSampled :

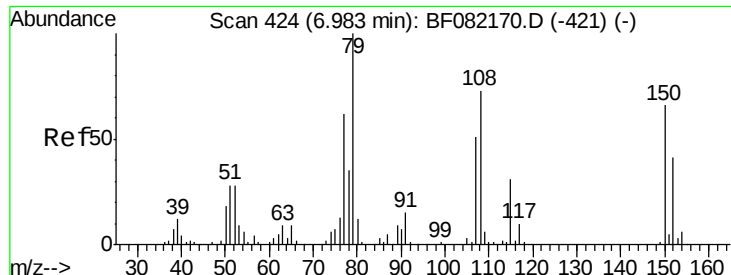
Tot Ion:146 Resp: 310487
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.0 76.4
 111 38.1 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 41.05 ng
 RT: 7.01 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BF082198.D
 Acq: 11 Oct 2015 2:12

Tgt Ion:146 Resp: 274701
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.5 75.7
 111 45.3 38.5 57.7





#15

Benzyl Alcohol

Concen: 39.03 ng

RT: 6.98 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

Instrument :

BNA_F

ClientSampleId :

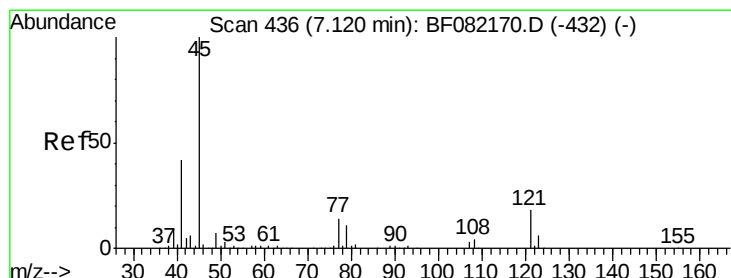
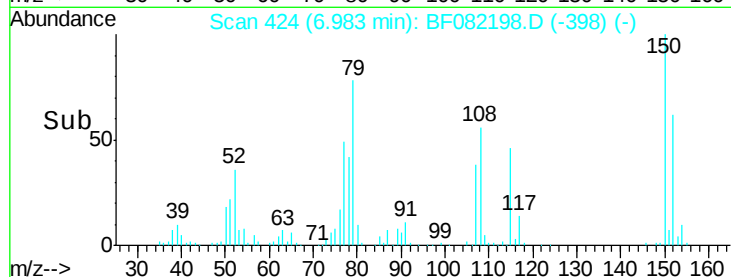
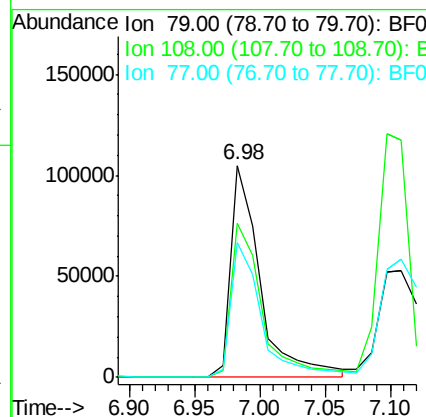
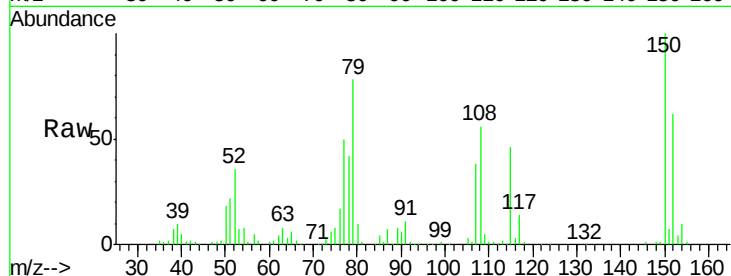
Tot Ion: 79 Resp: 166458

Ion Ratio Lower Upper

79 100

108 72.4 58.4 87.6

77 63.7 49.8 74.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.07 ng

RT: 7.12 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

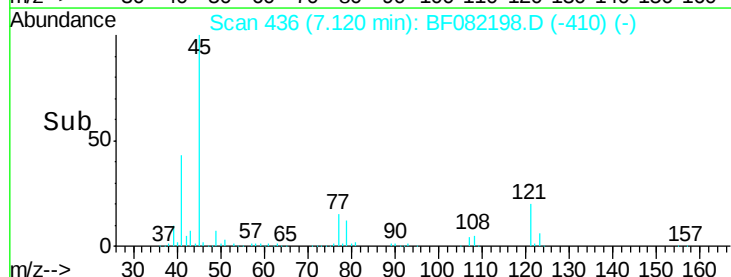
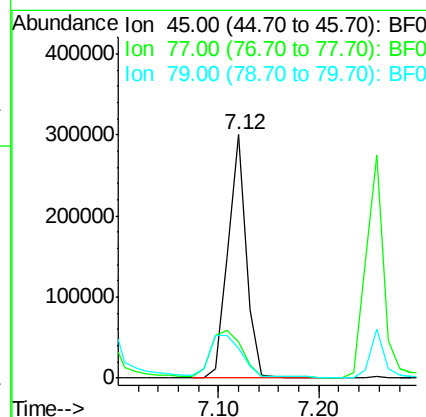
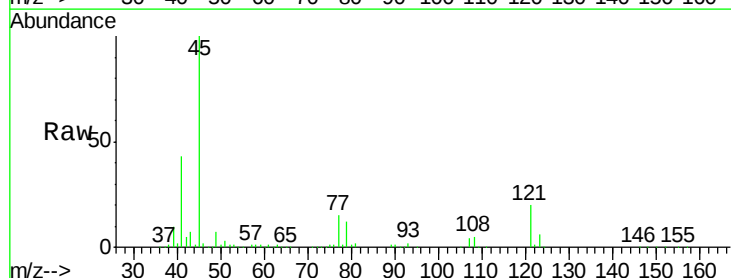
Tgt Ion: 45 Resp: 378003

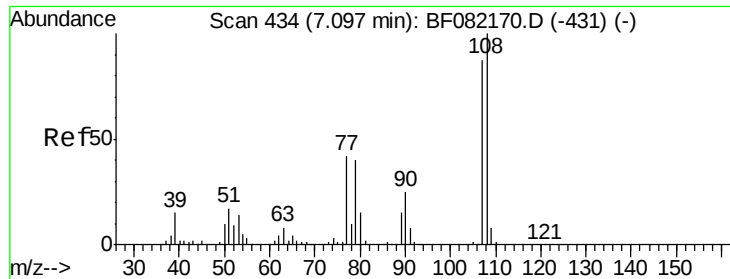
Ion Ratio Lower Upper

45 100

77 14.9 0.0 34.5

79 12.2 0.0 31.6





#17

2-Methylphenol

Concen: 37.68 ng

RT: 7.10 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 172676

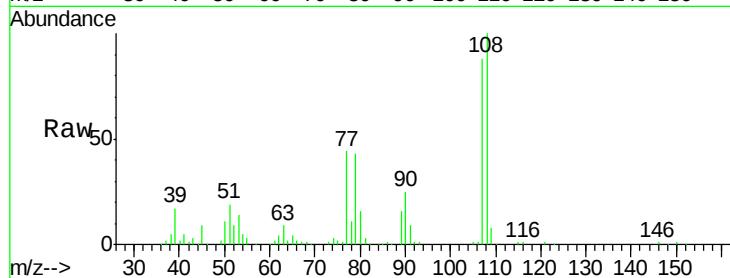
Ion Ratio Lower Upper

107 100

108 113.9 92.2 138.2

77 50.3 39.6 59.4

79 49.3 38.2 57.4

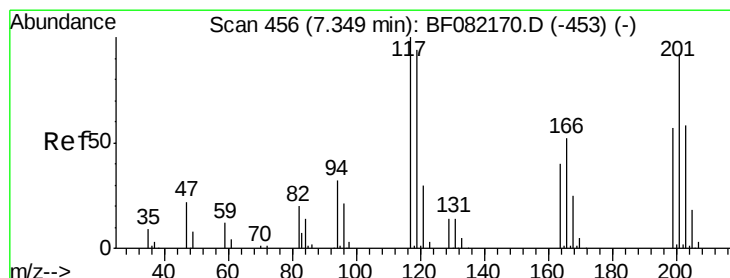
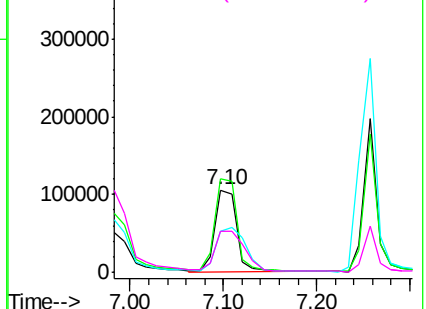
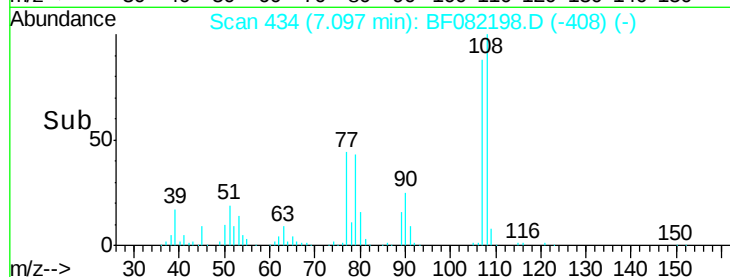


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 42.92 ng

RT: 7.35 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

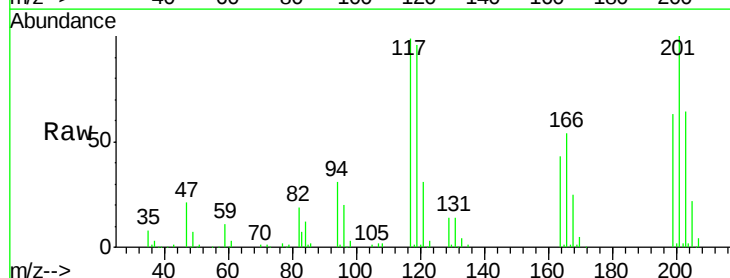
Tgt Ion:117 Resp: 103551

Ion Ratio Lower Upper

117 100

119 97.1 75.4 113.2

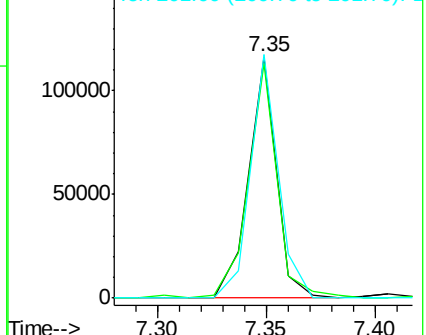
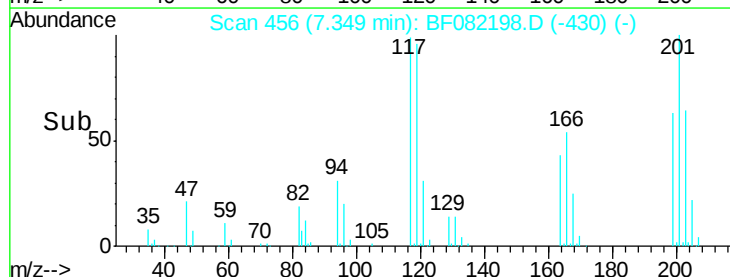
201 101.0 73.4 110.0



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

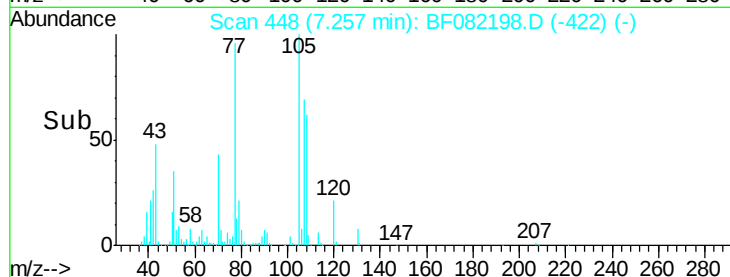
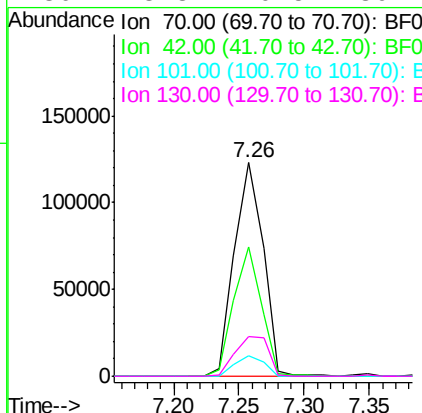
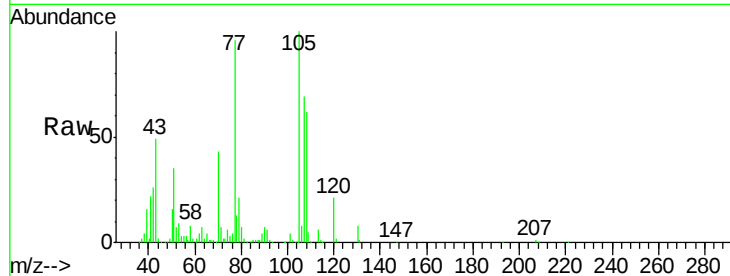




#19
n-Nitroso-di-n-propylamine
Concen: 43.71 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082198.D
Acq: 11 Oct 2015 2:12

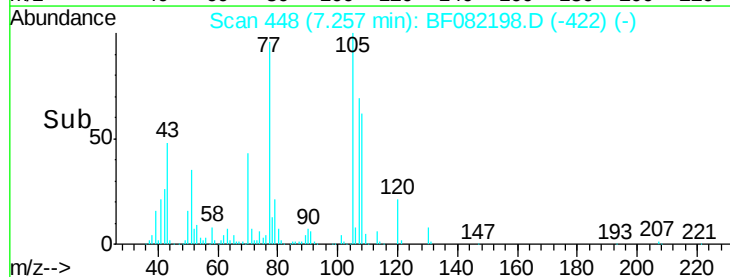
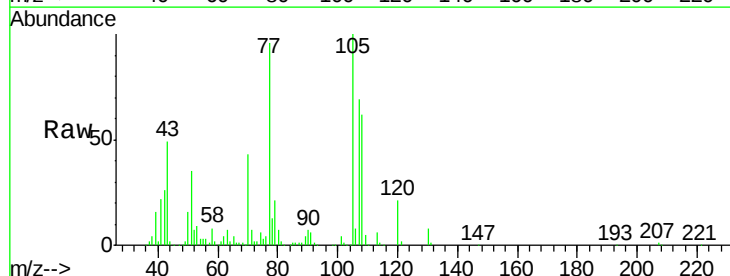
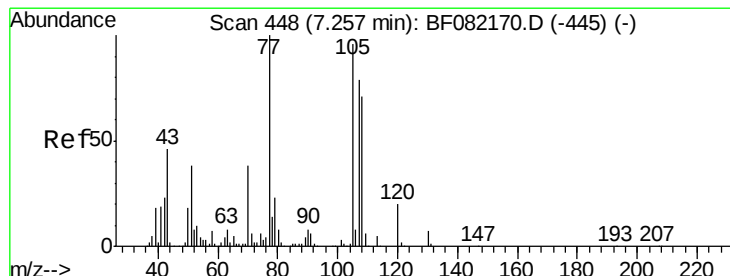
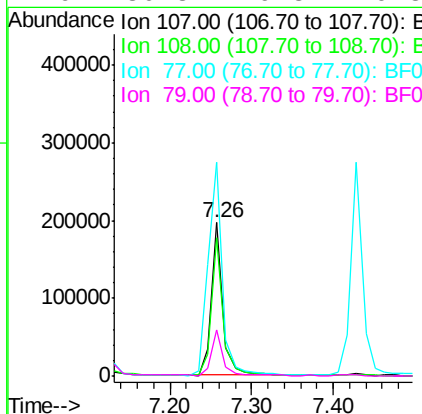
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 189646
Ion Ratio Lower Upper
70 100
42 60.6 39.8 59.8#
101 9.4 8.6 13.0
130 18.8 20.5 30.7#



#20
3+4-Methylphenols
Concen: 36.38 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082198.D
Acq: 11 Oct 2015 2:12

Tgt Ion: 107 Resp: 198649
Ion Ratio Lower Upper
107 100
108 90.2 69.9 109.9
77 139.1 106.0 146.0
79 30.3 9.8 49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 374641

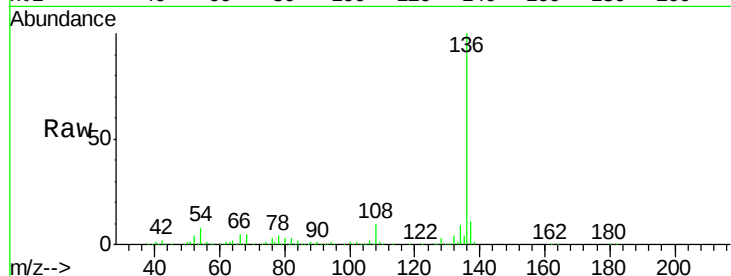
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 8.3 7.5 11.3

68 5.5 4.6 7.0

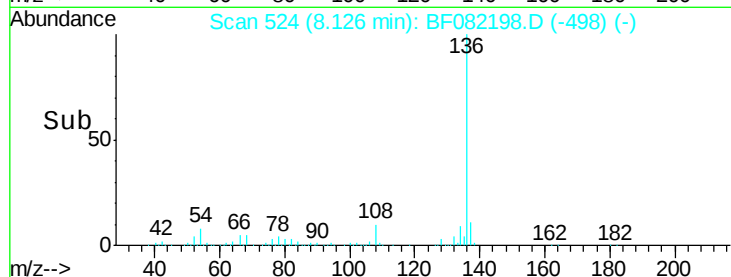


Abundance Ion 136.00 (135.70 to 136.70): E

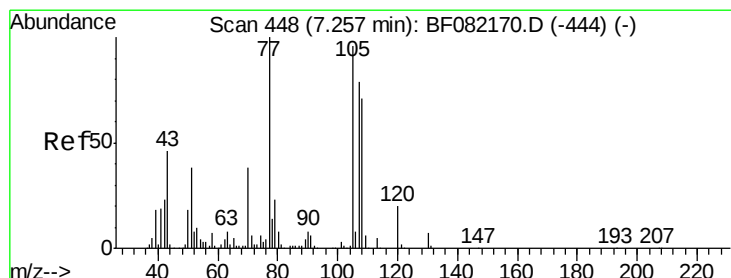
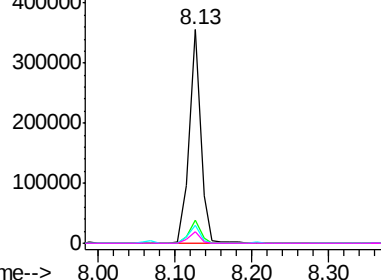
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 50.73 ng

RT: 7.26 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

Tgt Ion:105 Resp: 375985

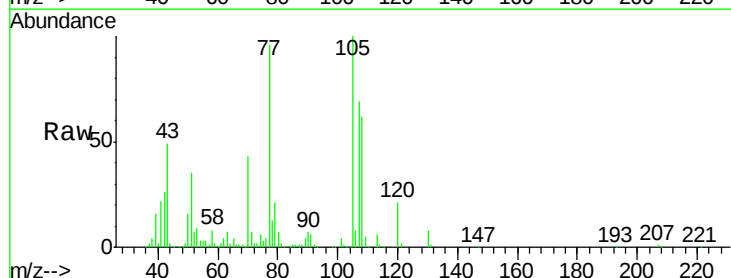
Ion Ratio Lower Upper

105 100

71 7.2 5.4 8.0

51 34.5 31.8 47.6

120 21.3 16.3 24.5

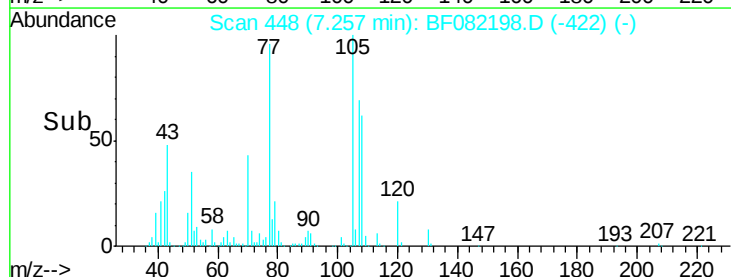


Abundance Ion 105.00 (104.70 to 105.70): E

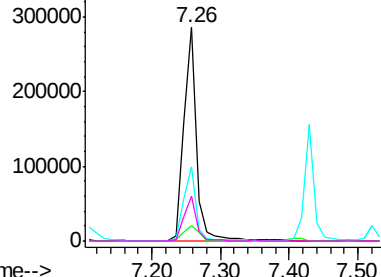
Ion 71.00 (70.70 to 71.70): BF0

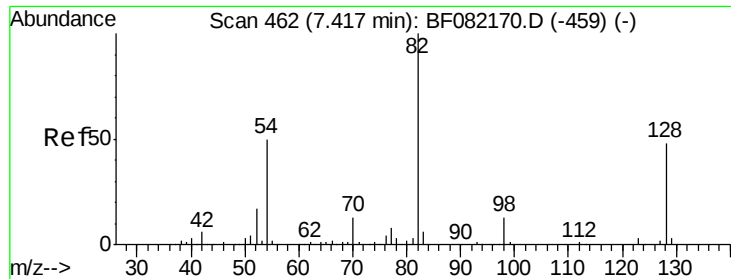
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

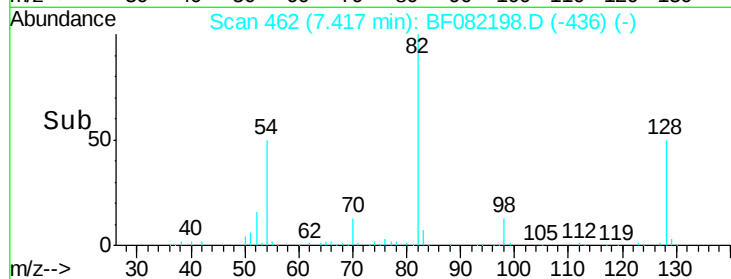
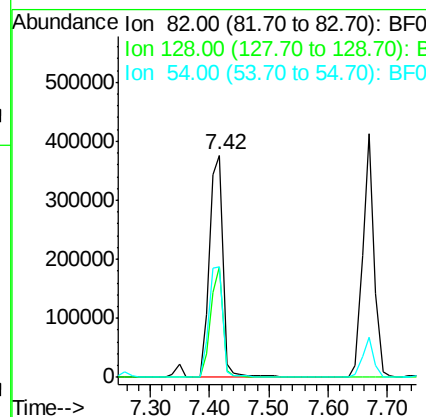
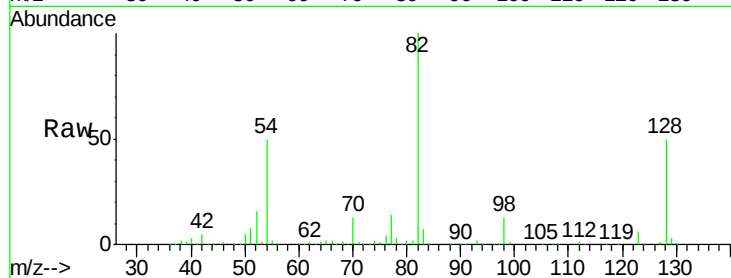




#23
 Nitrobenzene-d5
 Concen: 108.94 ng
 RT: 7.42 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF082198.D
 Acq: 11 Oct 2015 2:12

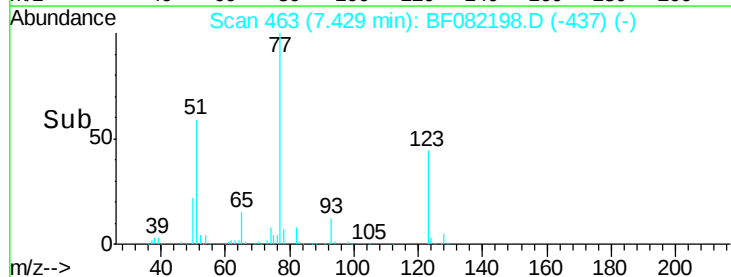
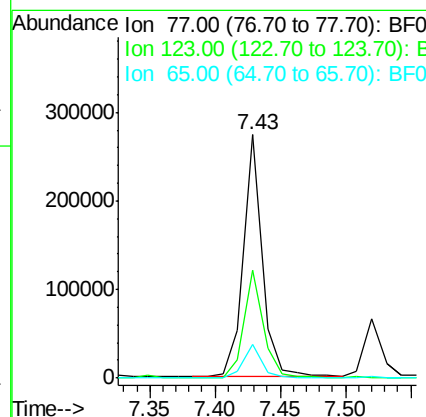
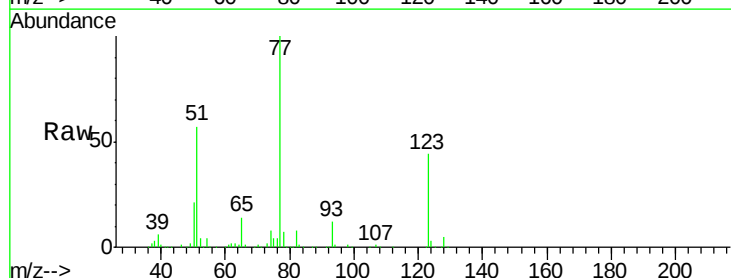
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 607767
 Ion Ratio Lower Upper
 82 100
 128 49.5 38.7 58.1
 54 49.8 40.1 60.1



#24
 Nitrobenzene
 Concen: 45.35 ng
 RT: 7.43 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF082198.D
 Acq: 11 Oct 2015 2:12

Tgt Ion: 77 Resp: 273837
 Ion Ratio Lower Upper
 77 100
 123 44.1 33.0 49.4
 65 13.8 11.2 16.8





#25

Isophorone

Concen: 48.15 ng

RT: 7.67 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

Instrument :

BNA_F

ClientSampleId :

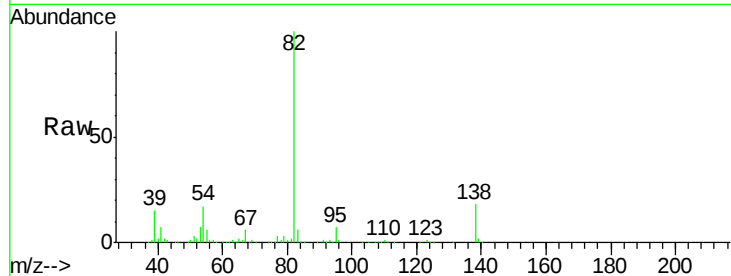
Tot Ion: 82 Resp: 542132

Ion Ratio Lower Upper

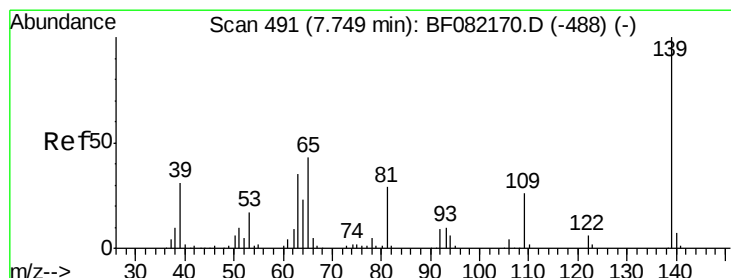
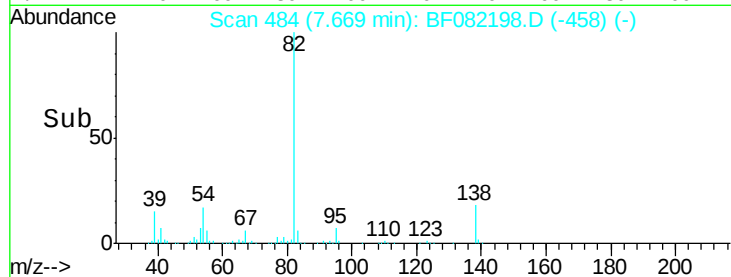
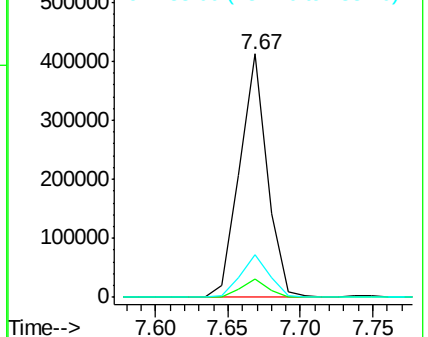
82 100

95 7.3 5.6 8.4

138 17.7 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 52.75 ng

RT: 7.75 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

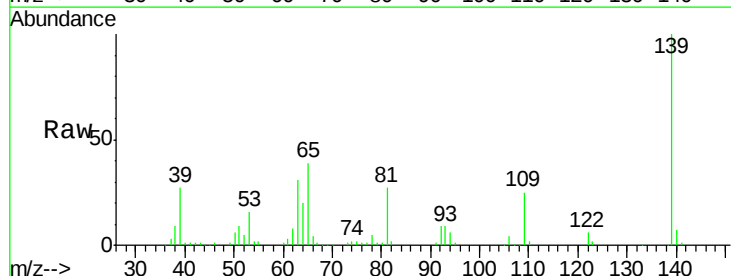
Tgt Ion: 139 Resp: 159063

Ion Ratio Lower Upper

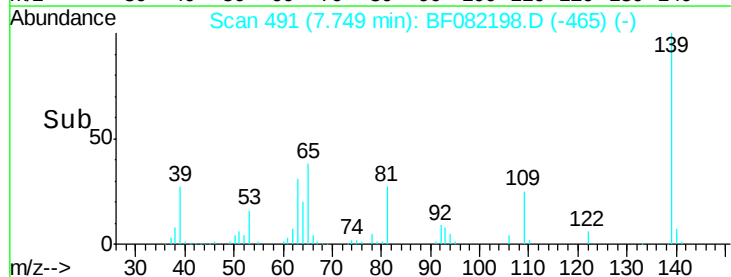
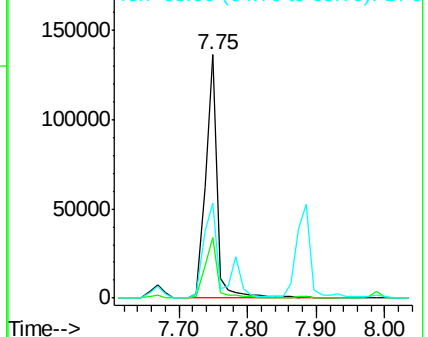
139 100

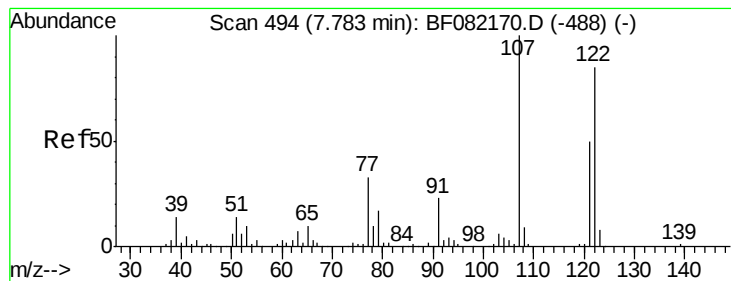
109 25.0 20.6 31.0

65 39.0 34.3 51.5



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 47.31 ng

RT: 7.78 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

Instrument :

BNA_F

ClientSampleId :

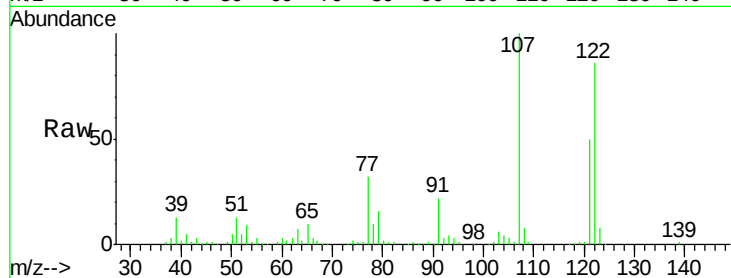
Tot Ion:122 Resp: 229812

Ion Ratio Lower Upper

122 100

107 116.0 94.0 141.0

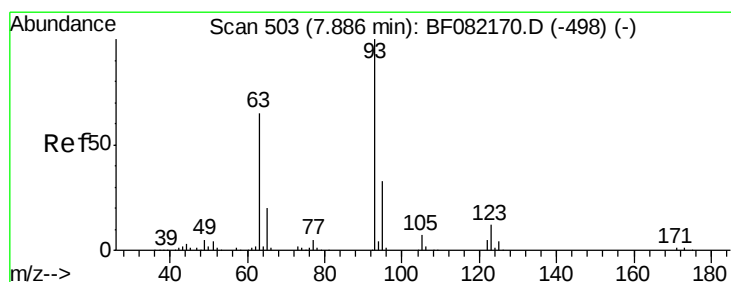
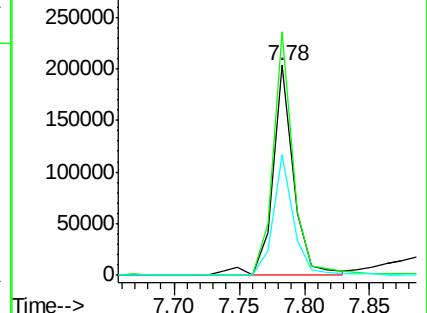
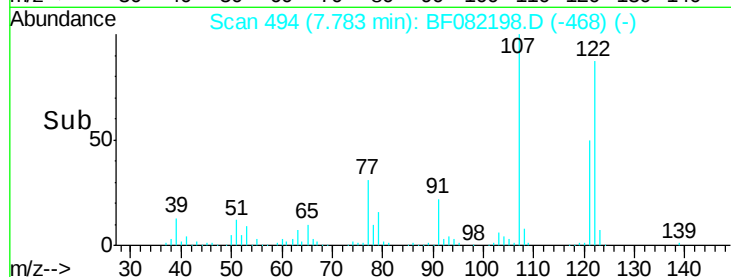
121 57.6 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 53.16 ng

RT: 7.89 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

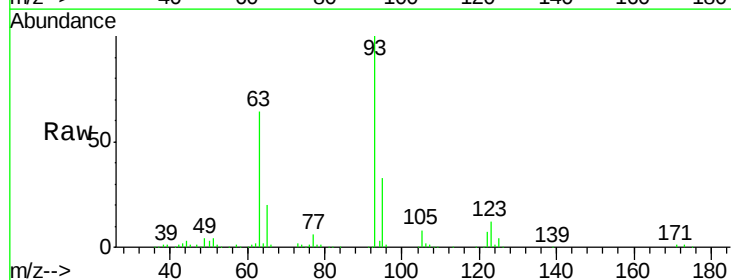
Tgt Ion: 93 Resp: 348266

Ion Ratio Lower Upper

93 100

95 33.2 26.6 39.8

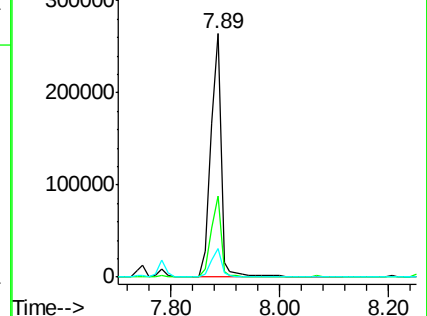
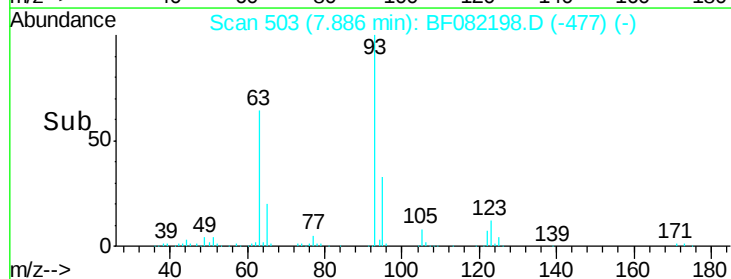
123 11.8 9.5 14.3

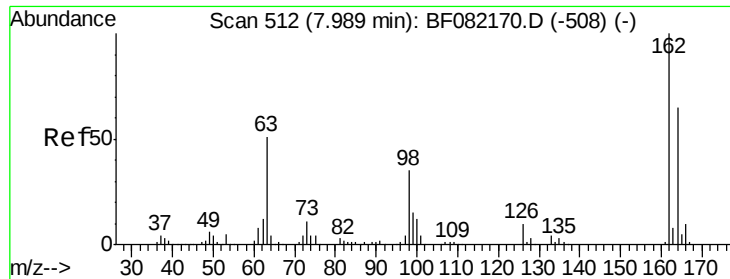


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

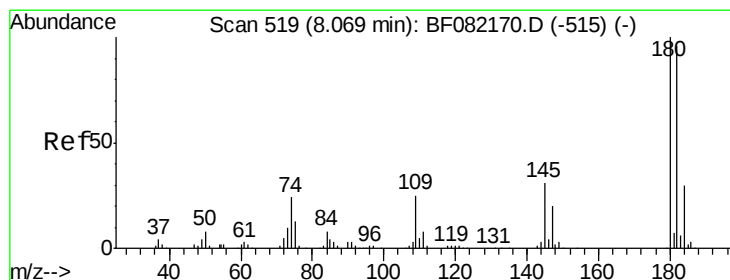
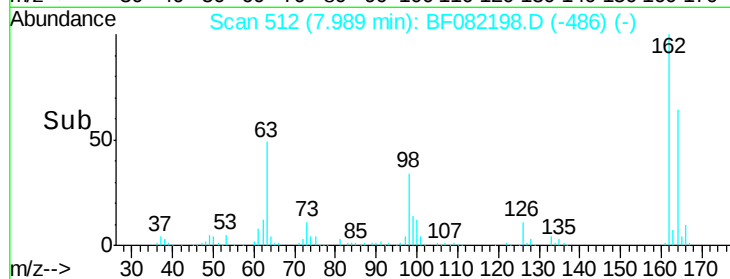
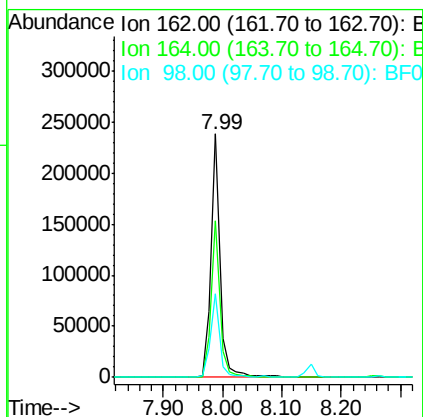
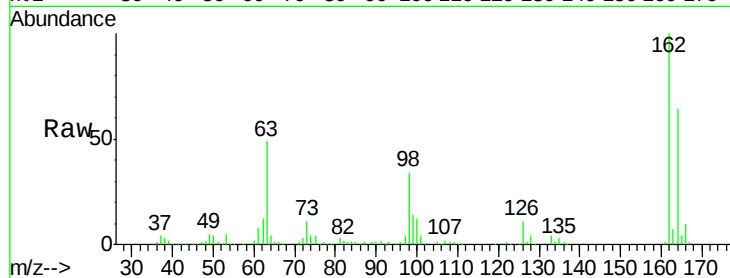




#29
 2,4-Dichlorophenol
 Concen: 52.44 ng
 RT: 7.99 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF082198.D
 Acq: 11 Oct 2015 2:12

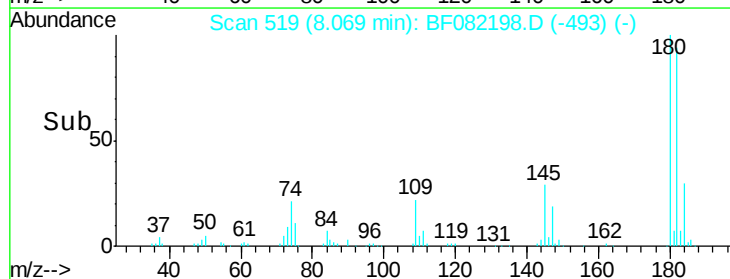
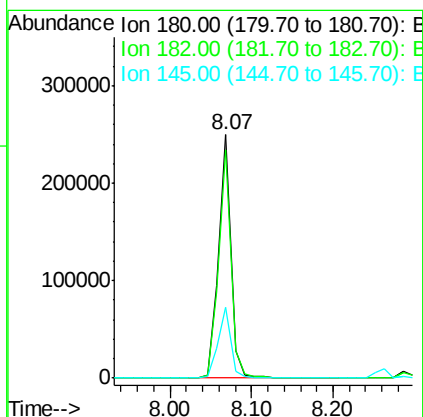
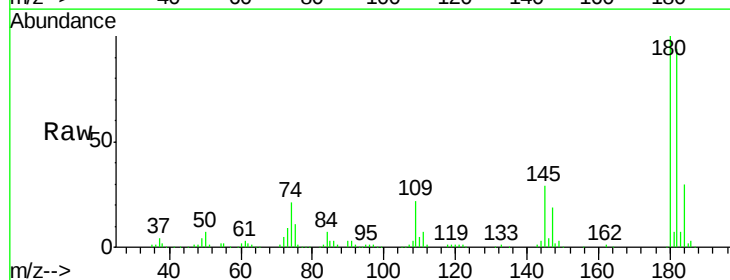
Instrument :
 BNA_F
 ClientSampleId :

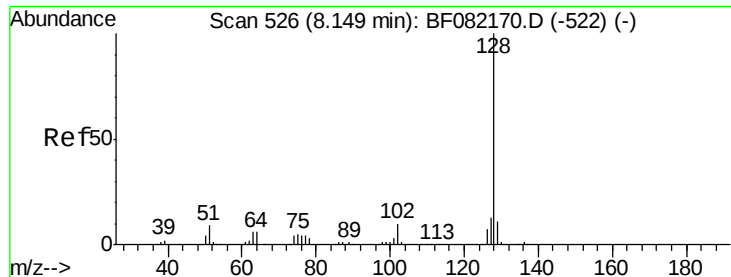
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.6	84.6
98	34.5	15.0	55.0



#30
 1,2,4-Trichlorobenzene
 Concen: 47.28 ng
 RT: 8.07 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF082198.D
 Acq: 11 Oct 2015 2:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.0	115.4
145	29.2	25.0	37.4

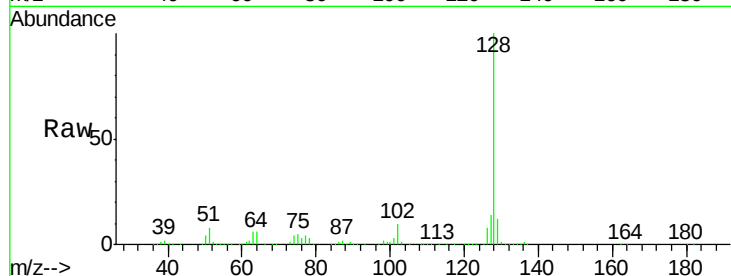




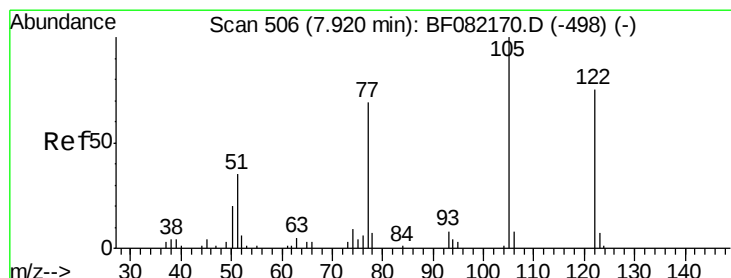
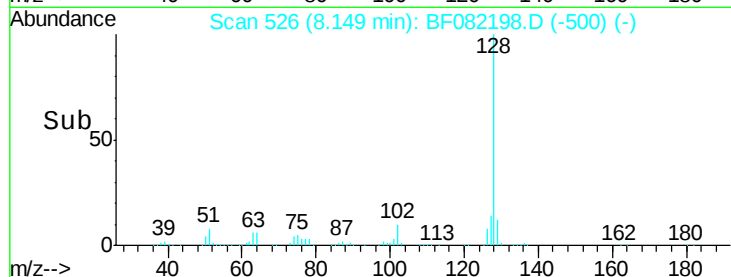
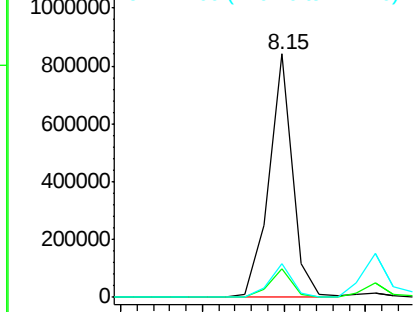
#31
Naphthalene
Concen: 52.22 ng
RT: 8.15 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF082198.D
Acq: 11 Oct 2015 2:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 848089
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.7 10.7 16.1

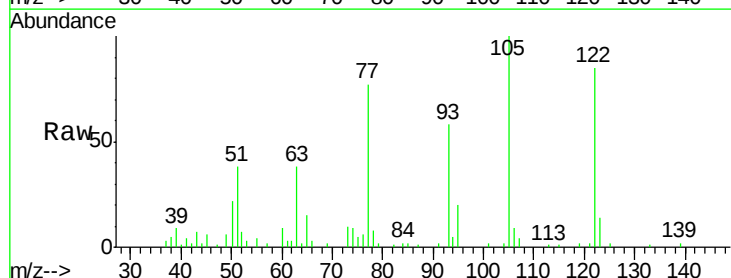


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

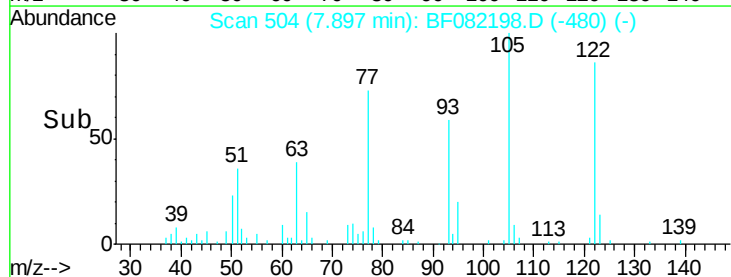
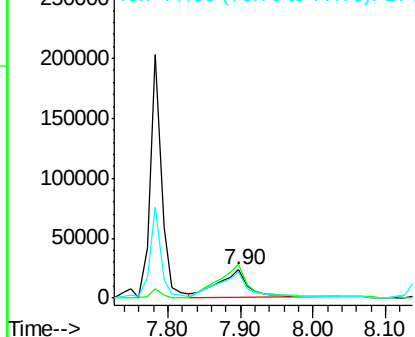


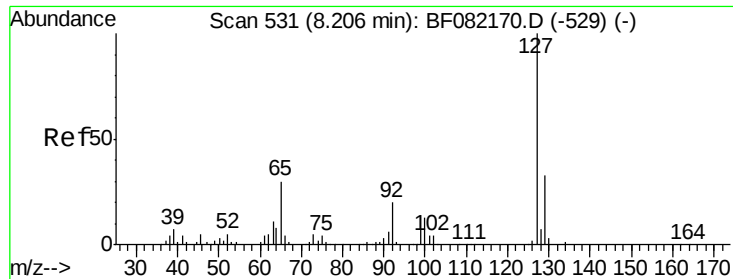
#32
Benzoic acid
Concen: 21.43 ng
RT: 7.90 min Scan# 504
Delta R.T. -0.02 min
Lab File: BF082198.D
Acq: 11 Oct 2015 2:12

Tgt Ion:122 Resp: 69860
Ion Ratio Lower Upper
122 100
105 118.1 104.4 144.4
77 90.6 69.0 109.0



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): BF0

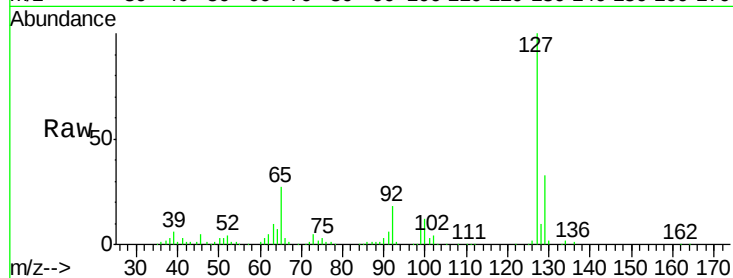




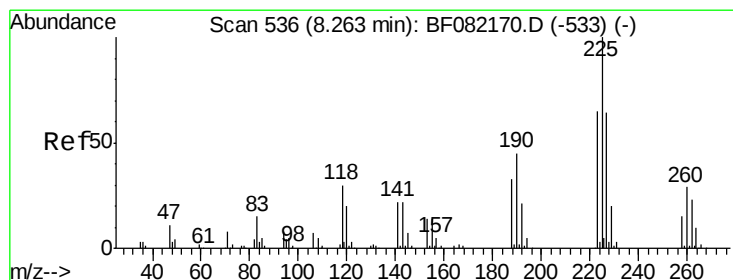
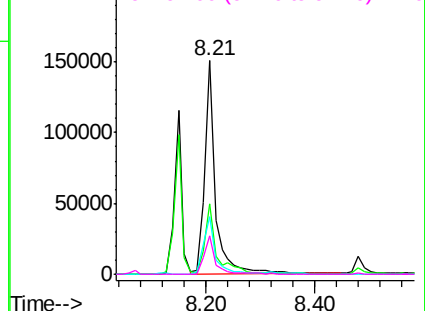
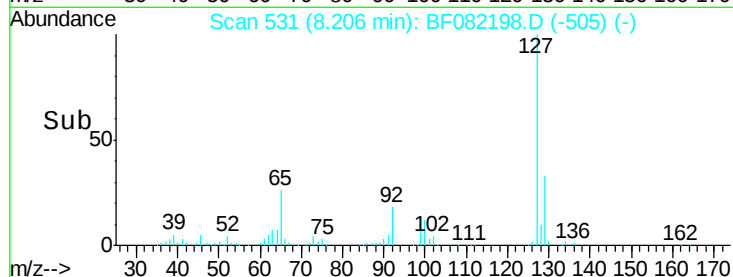
#33
4-Chloroaniline
Concen: 30.35 ng
RT: 8.21 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF082198.D
Acq: 11 Oct 2015 2:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	204712
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	27.1	24.4	36.6
92	17.8	15.7	23.5

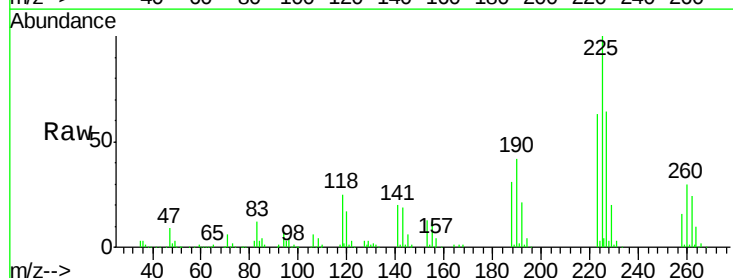


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

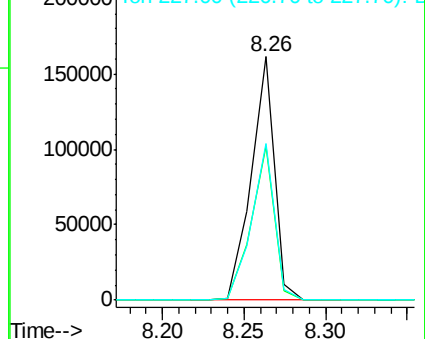
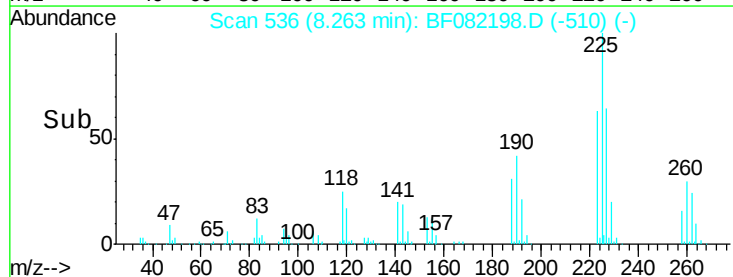


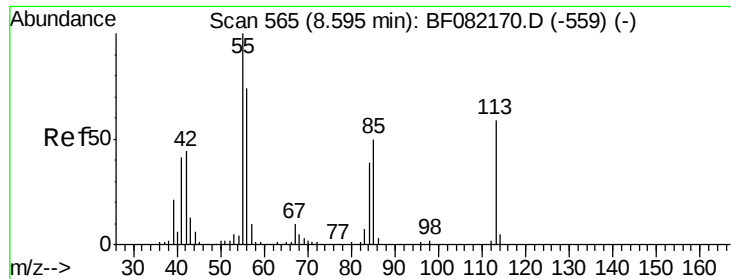
#34
Hexachlorobutadiene
Concen: 45.73 ng
RT: 8.26 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF082198.D
Acq: 11 Oct 2015 2:12

Tgt Ion:	225	Resp:	159500
Ion	Ratio	Lower	Upper
225	100		
223	63.1	52.2	78.2
227	64.1	51.3	76.9



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

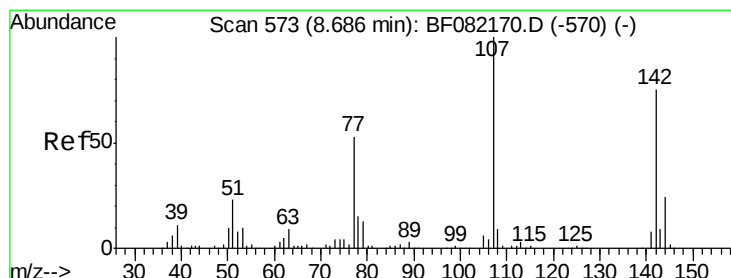
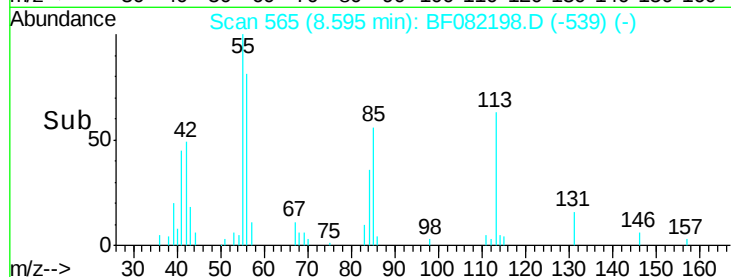
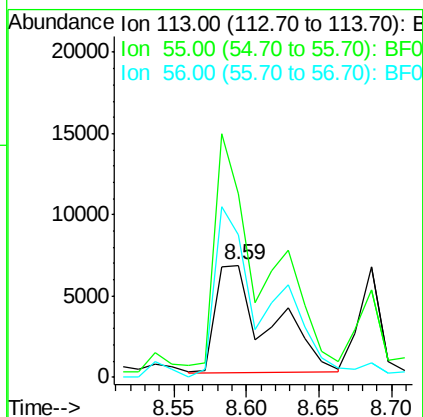
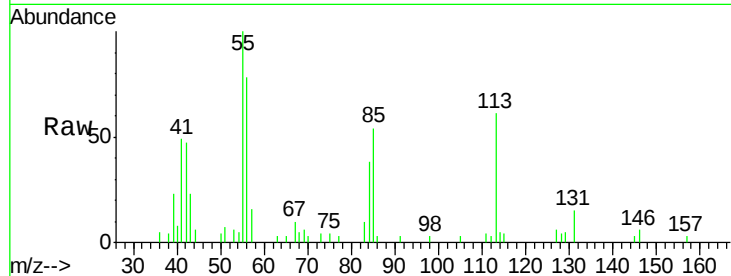




#35
 Caprolactam
 Concen: 12.06 ng
 RT: 8.59 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF082198.D
 Acq: 11 Oct 2015 2:12

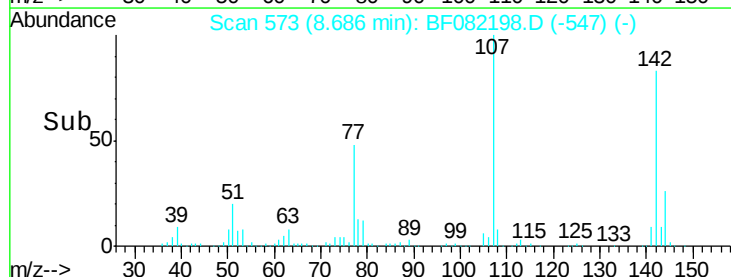
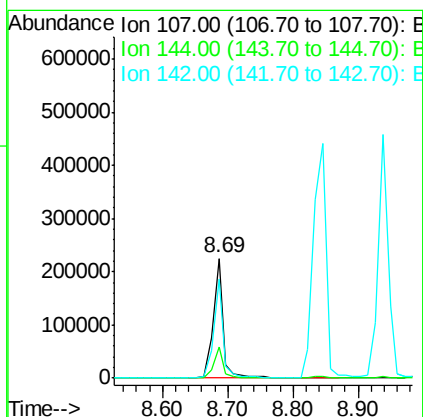
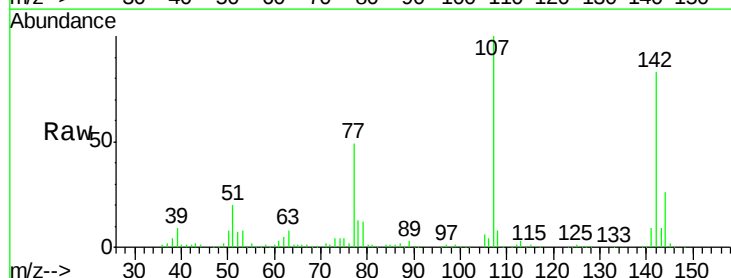
Instrument :
 BNA_F
 ClientSampled :

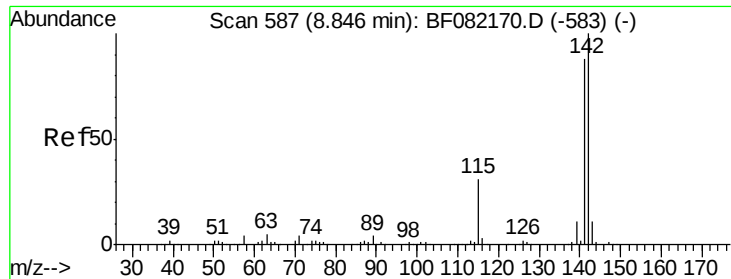
Tot Ion:113 Resp: 17000
 Ion Ratio Lower Upper
 113 100
 55 163.7 149.7 189.7
 56 127.4 105.4 145.4



#36
 4-Chloro-3-methylphenol
 Concen: 51.78 ng
 RT: 8.69 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF082198.D
 Acq: 11 Oct 2015 2:12

Tgt Ion:107 Resp: 245899
 Ion Ratio Lower Upper
 107 100
 144 26.4 19.3 28.9
 142 82.9 59.9 89.9

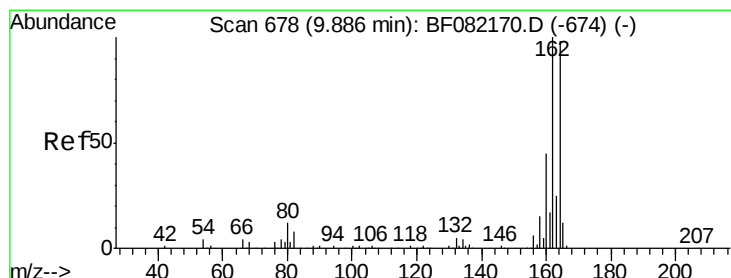
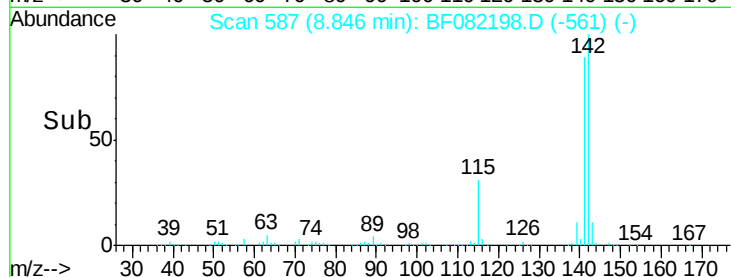
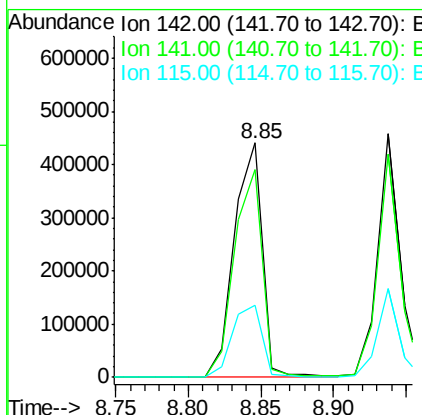
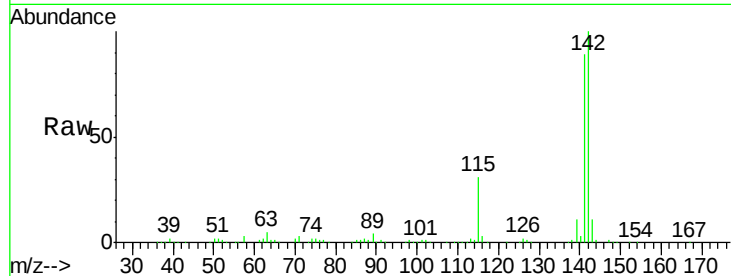




#37
2-Methylnaphthalene
Concen: 52.35 ng
RT: 8.85 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF082198.D
Acq: 11 Oct 2015 2:12

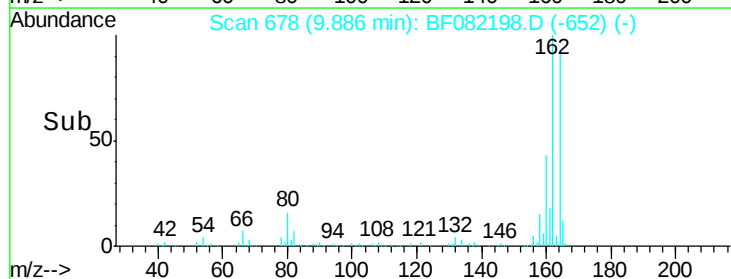
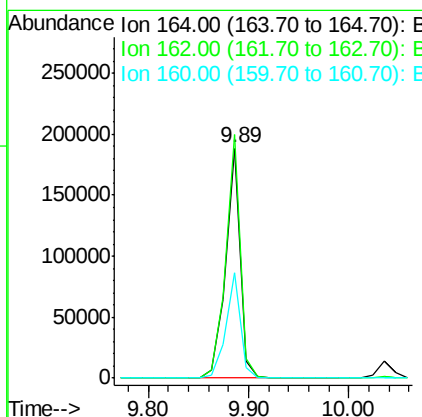
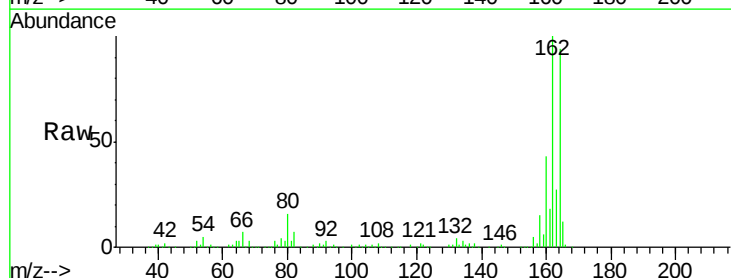
Instrument :
BNA_F
ClientSampleId :

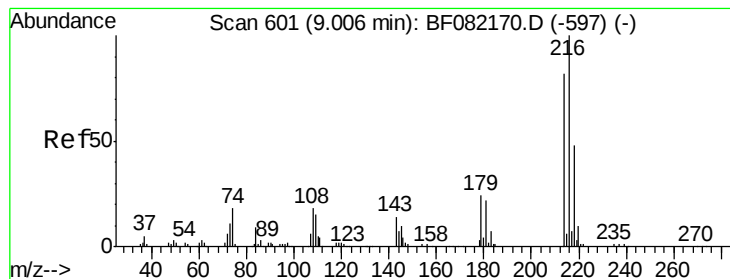
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.4	105.6
115	30.5	24.6	37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF082198.D
Acq: 11 Oct 2015 2:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	81.6	122.4
160	45.6	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.13 ng

RT: 9.01 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 270727

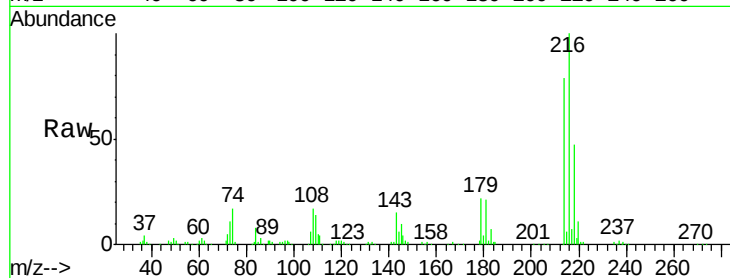
Ion Ratio Lower Upper

216 100

214 78.8 64.6 97.0

179 21.5 17.6 26.4

108 19.2 14.5 21.7

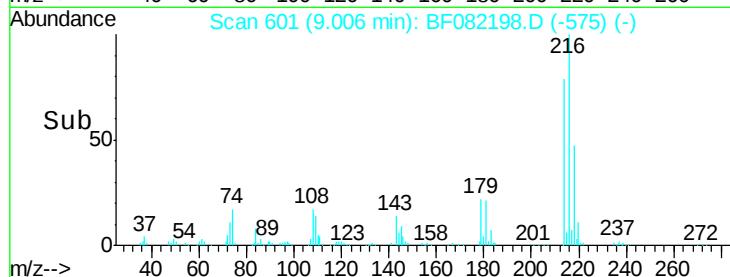


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Abundance

9.01

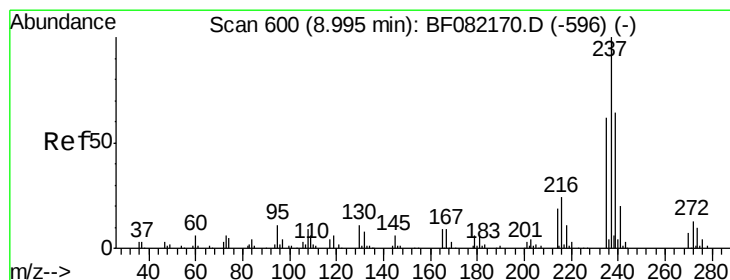
300000

200000

100000

0

Time-->



#40

Hexachlorocyclopentadiene

Concen: 90.01 ng

RT: 8.99 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

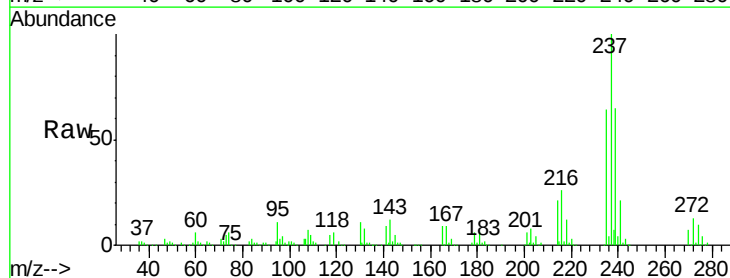
Tgt Ion:237 Resp: 259484

Ion Ratio Lower Upper

237 100

235 63.9 41.7 81.7

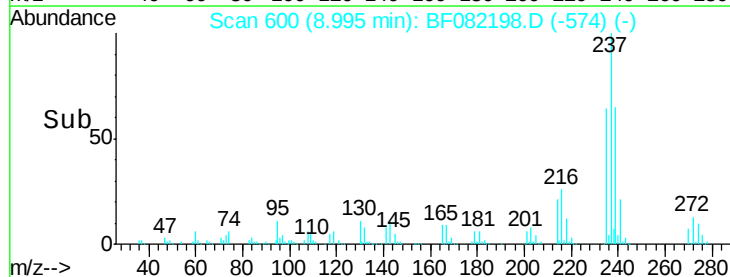
272 13.0 0.0 32.8



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



Time-->

8.99

300000

250000

200000

150000

100000

50000

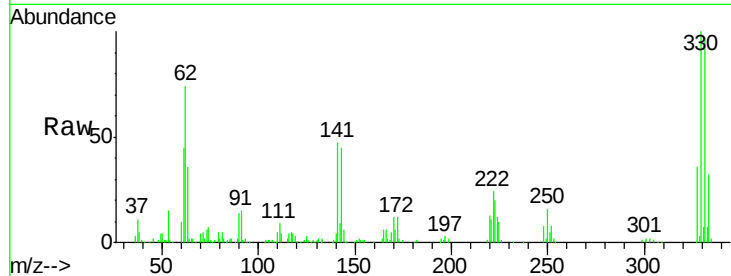
0



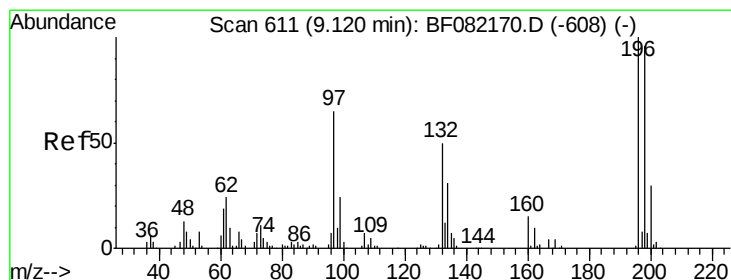
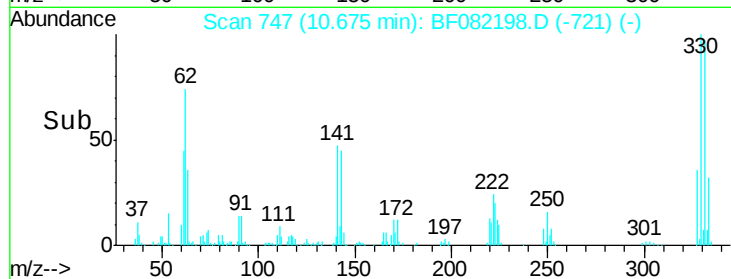
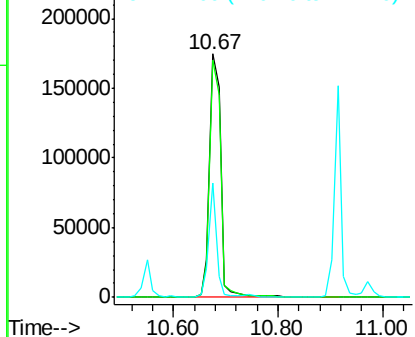
#41
 2,4,6-Tribromophenol
 Concen: 148.41 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082198.D
 Acq: 11 Oct 2015 2:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 263208
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.1 115.7
 141 33.0 29.8 44.8

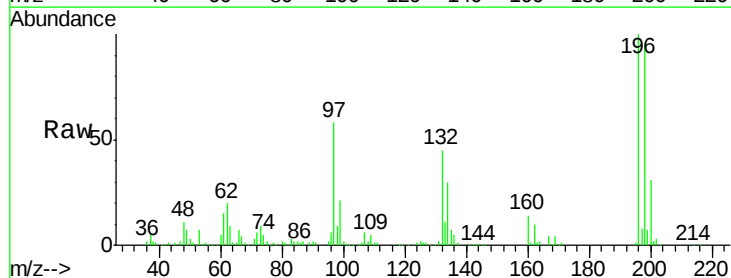


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

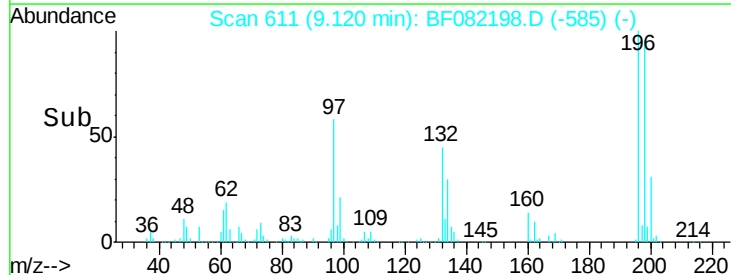
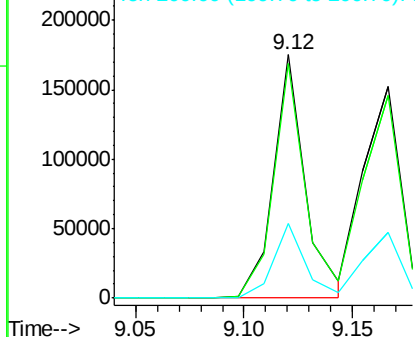


#42
 2,4,6-Trichlorophenol
 Concen: 48.26 ng
 RT: 9.12 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF082198.D
 Acq: 11 Oct 2015 2:12

Tgt Ion:196 Resp: 180310
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.6 115.0
 200 30.7 23.7 35.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

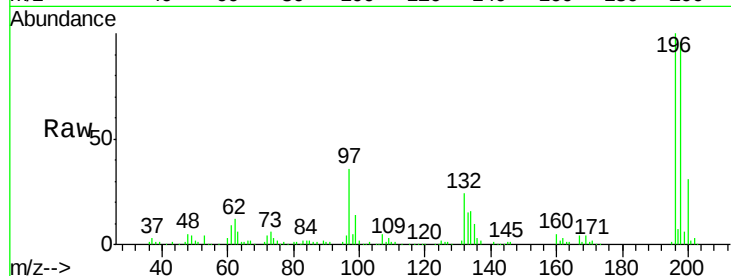




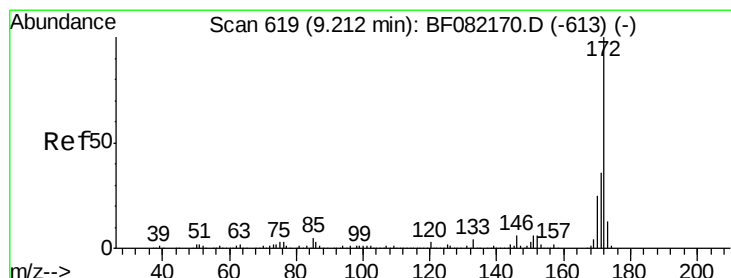
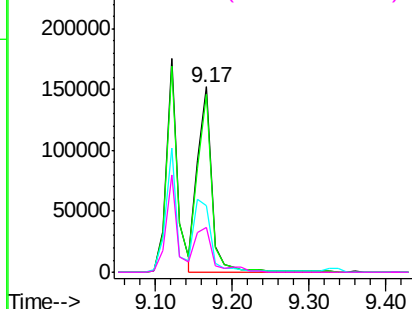
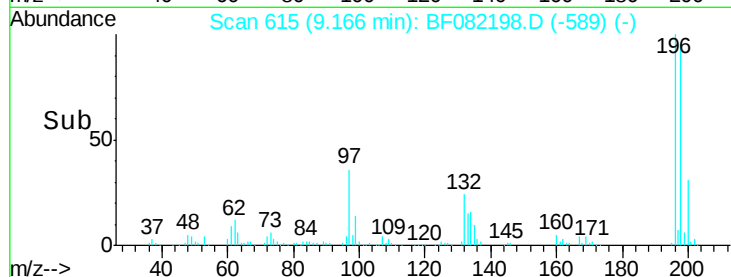
#43
 2,4,5-Trichlorophenol
 Concen: 48.39 ng
 RT: 9.17 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF082198.D
 Acq: 11 Oct 2015 2:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.0	77.0	115.4
97	36.2	31.9	47.9
132	23.8	20.3	30.5

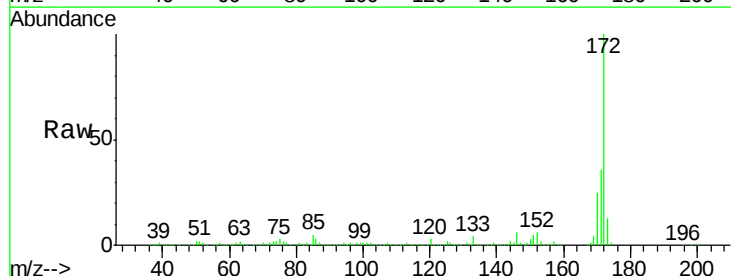


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

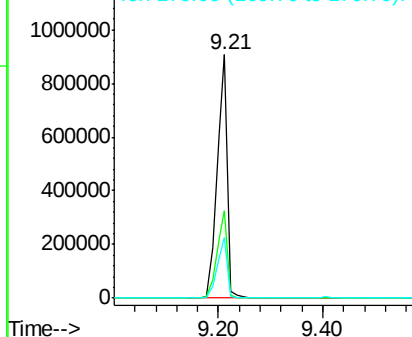
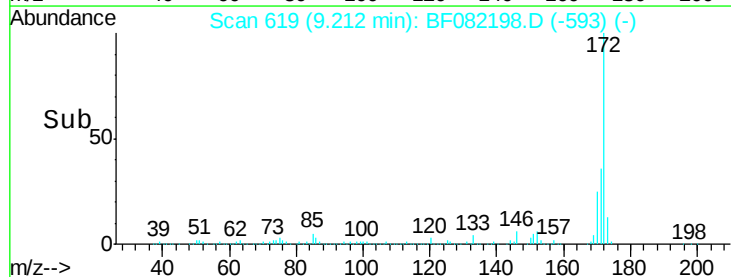


#44
 2-Fluorobiphenyl
 Concen: 106.52 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082198.D
 Acq: 11 Oct 2015 2:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	24.8	19.7	29.5



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

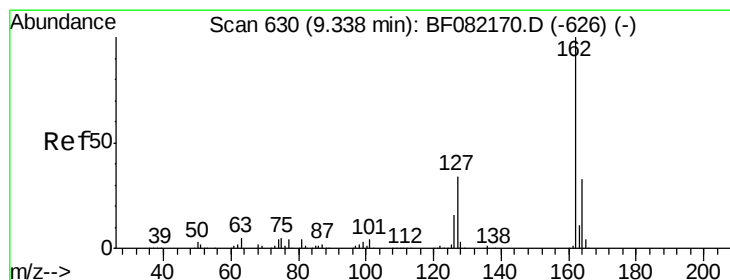
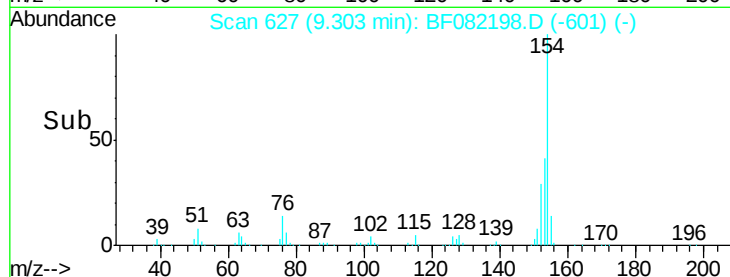
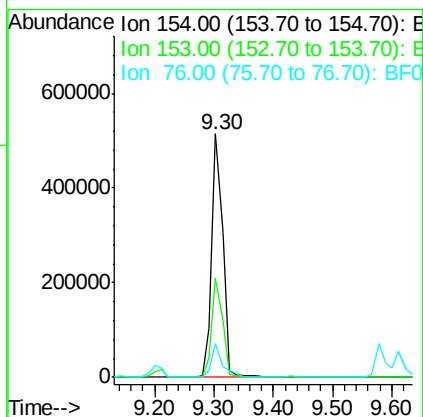
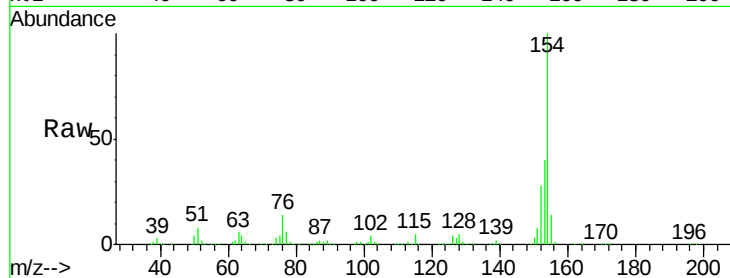




#45
 1,1'-Biphenyl
 Concen: 46.27 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF082198.D
 Acq: 11 Oct 2015 2:12

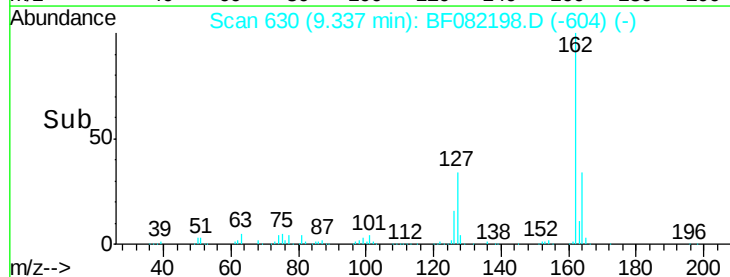
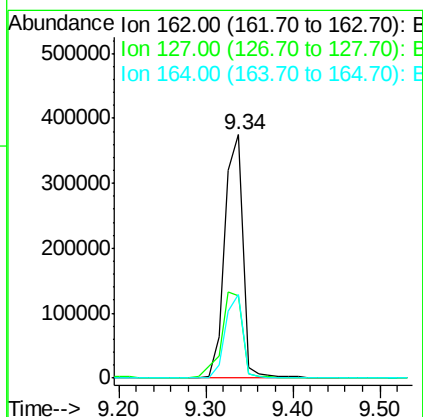
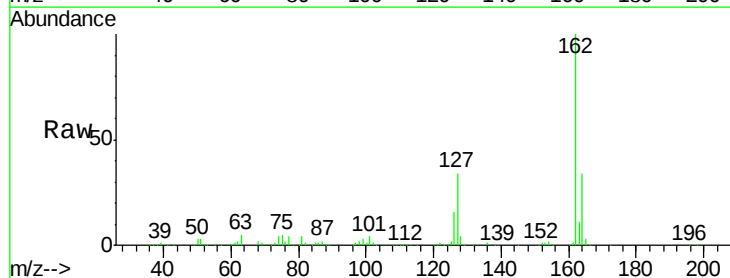
Instrument :
 BNA_F
 ClientSampleId :

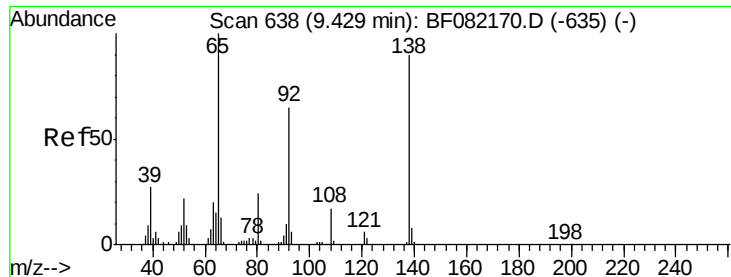
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.6	60.6
76	13.9	0.0	35.2



#46
 2-Chloronaphthalene
 Concen: 48.41 ng
 RT: 9.34 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF082198.D
 Acq: 11 Oct 2015 2:12

Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.7	27.5	41.3
164	34.4	26.6	39.8

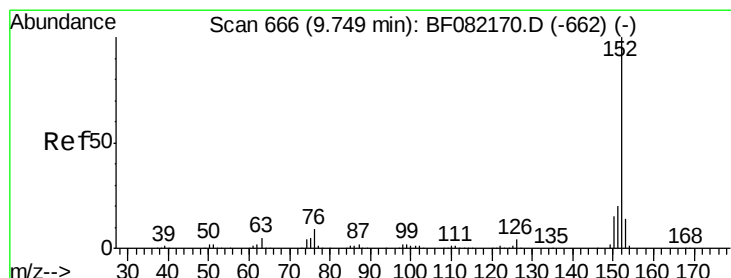
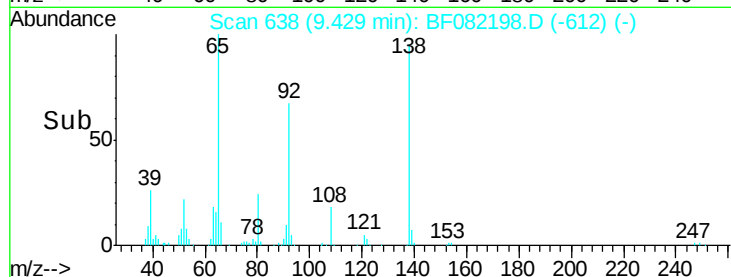
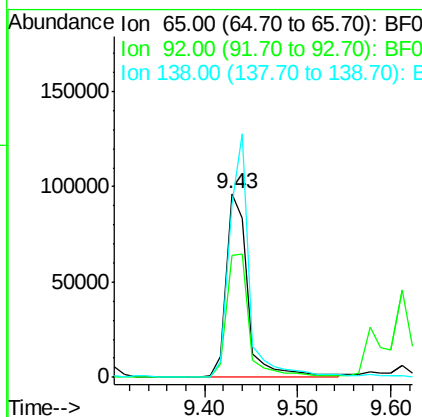
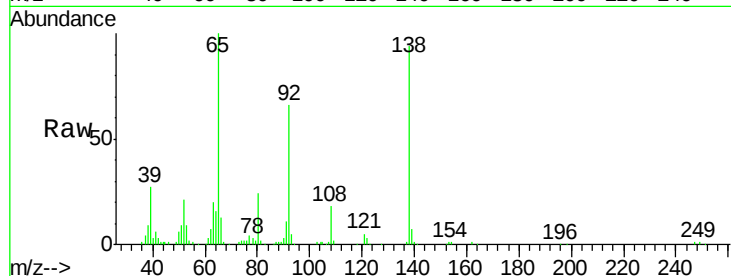




#47
2-Nitroaniline
Concen: 50.30 ng
RT: 9.43 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF082198.D
Acq: 11 Oct 2015 2:12

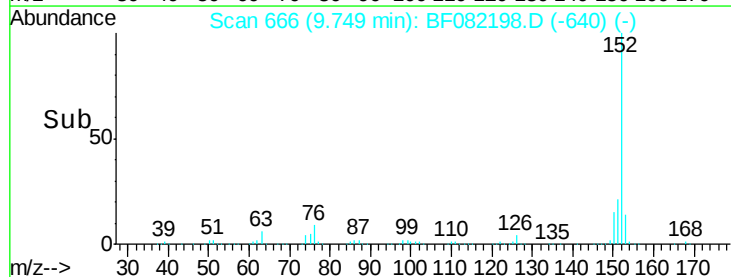
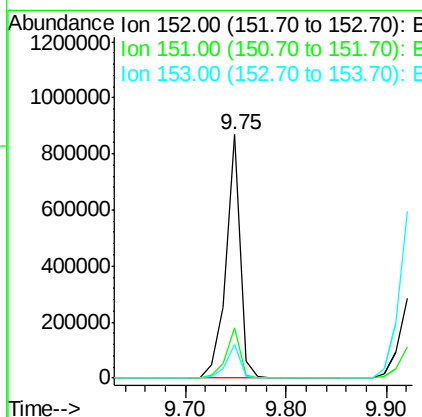
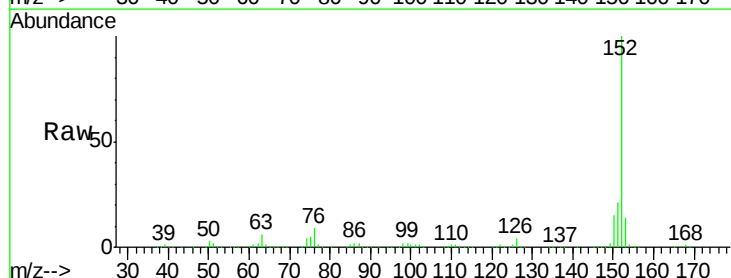
Instrument :
BNA_F
ClientSampleId :

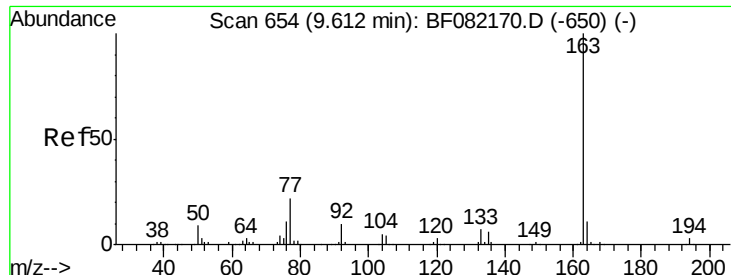
Tot Ion: 65 Resp: 156757
Ion Ratio Lower Upper
65 100
92 66.2 52.3 78.5
138 94.4 72.2 108.4



#48
Acenaphthylene
Concen: 48.37 ng
RT: 9.75 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF082198.D
Acq: 11 Oct 2015 2:12

Tgt Ion: 152 Resp: 855353
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 13.7 10.8 16.2

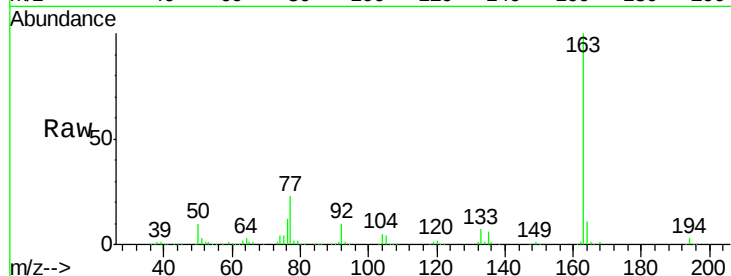




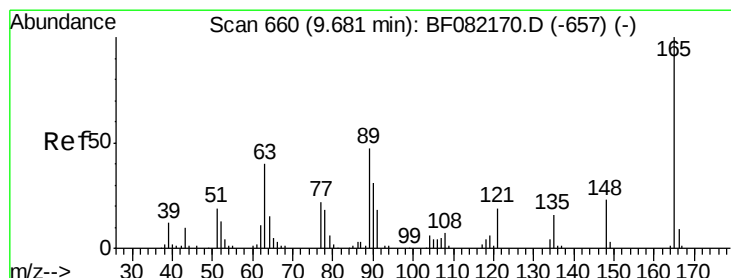
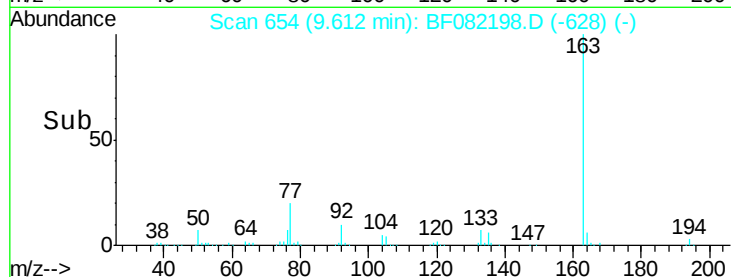
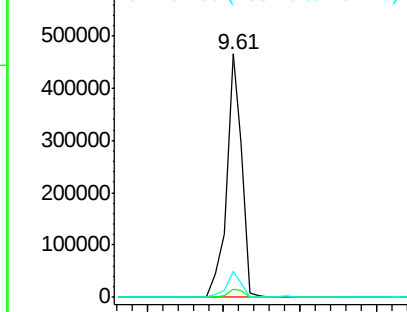
#49
Dimethylphthalate
Concen: 48.60 ng
RT: 9.61 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF082198.D
Acq: 11 Oct 2015 2:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 647232
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.7 8.5 12.7

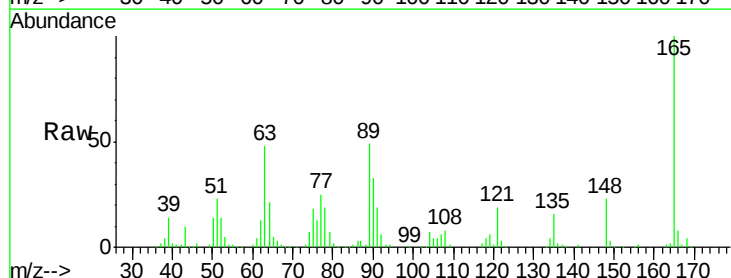


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

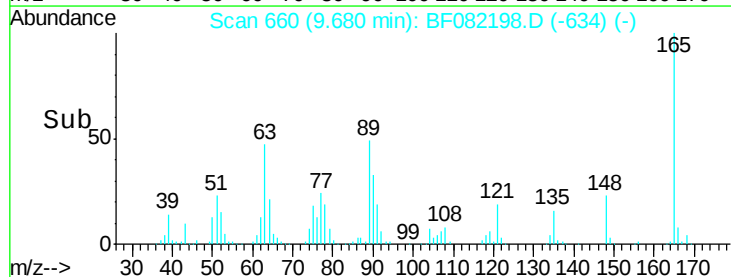
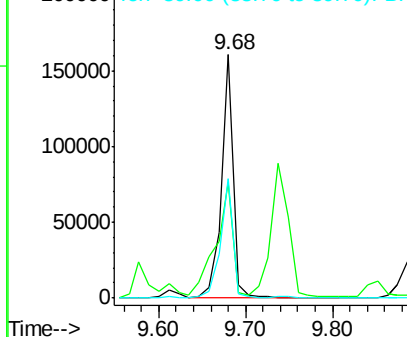


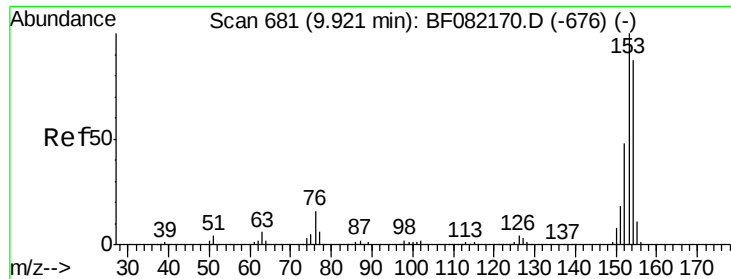
#50
2,6-Dinitrotoluene
Concen: 55.18 ng
RT: 9.68 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF082198.D
Acq: 11 Oct 2015 2:12

Tgt Ion:165 Resp: 155059
Ion Ratio Lower Upper
165 100
63 47.6 36.7 55.1
89 48.9 37.8 56.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 49.54 ng

RT: 9.92 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

Instrument :

BNA_F

ClientSampleId :

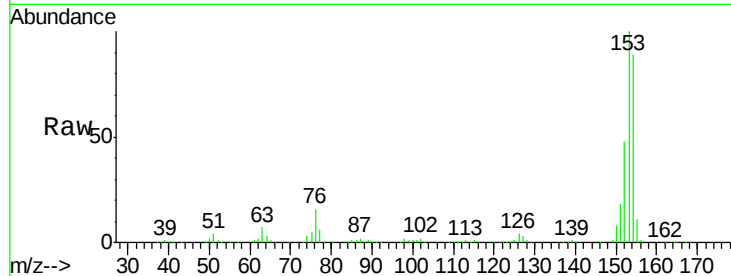
Tot Ion:154 Resp: 525928

Ion Ratio Lower Upper

154 100

153 112.7 91.4 137.2

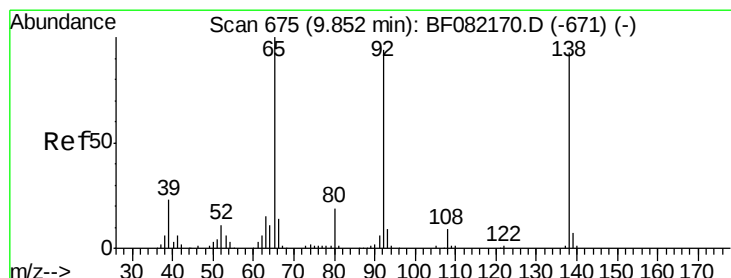
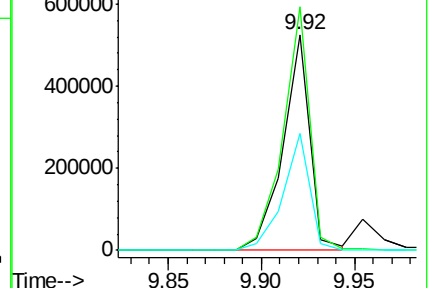
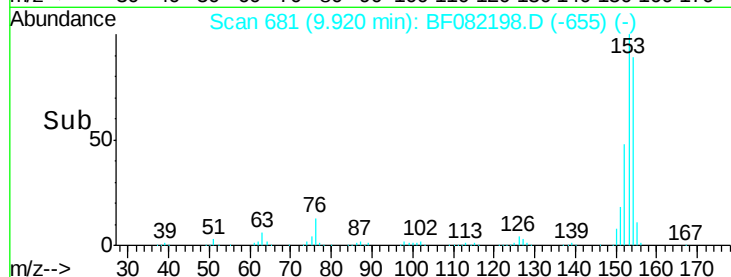
152 54.1 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.47 ng

RT: 9.85 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

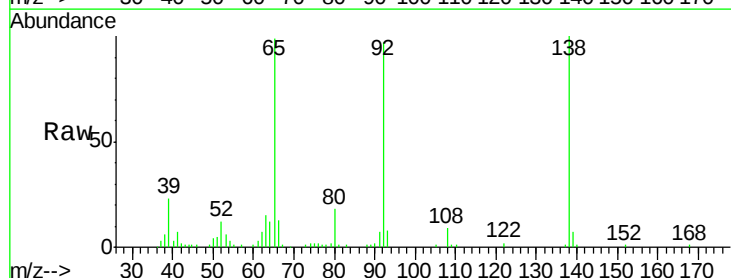
Tgt Ion:138 Resp: 99877

Ion Ratio Lower Upper

138 100

108 9.1 7.4 11.0

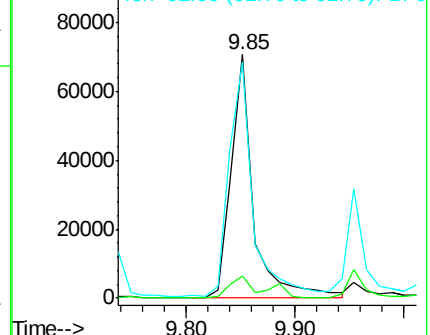
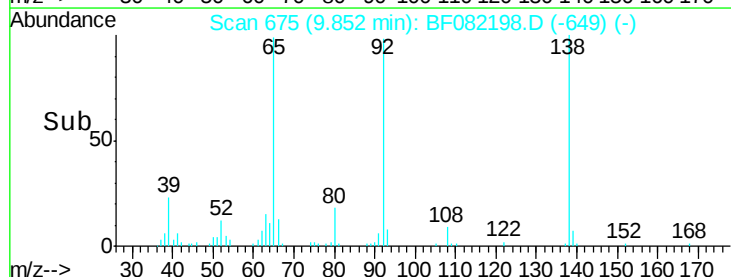
92 97.0 81.3 121.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

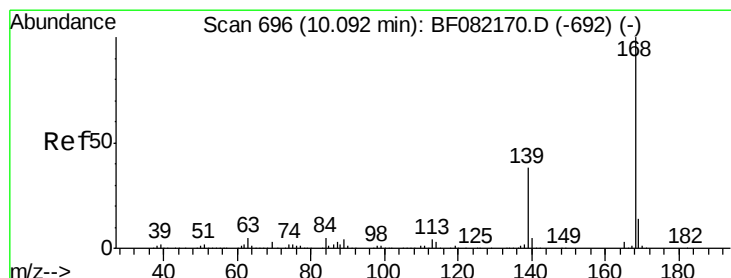
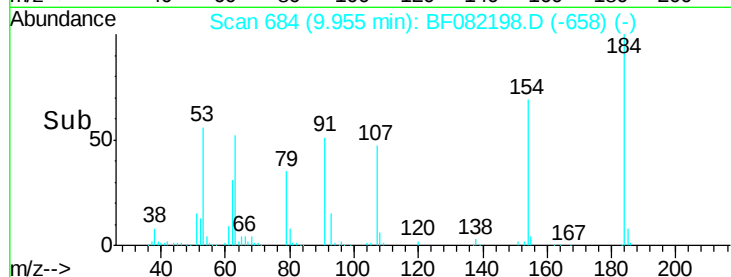
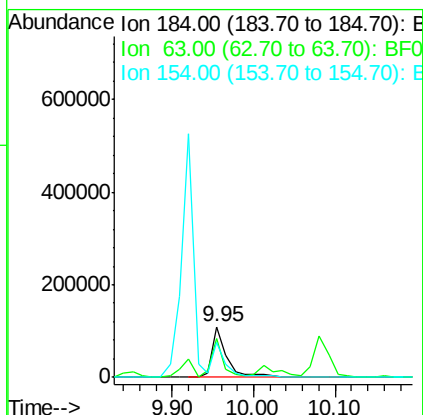
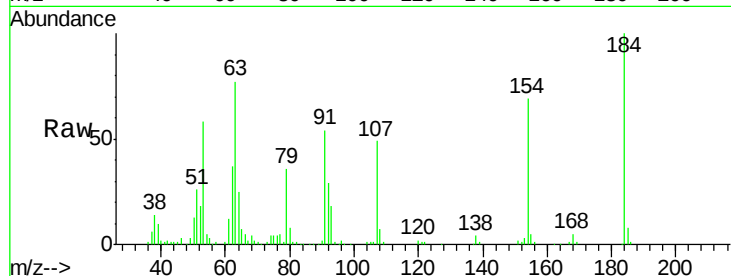




#53
2,4-Dinitrophenol
Concen: 90.09 ng
RT: 9.95 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF082198.D
Acq: 11 Oct 2015 2:12

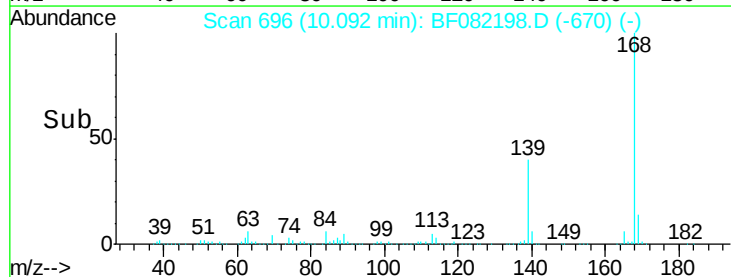
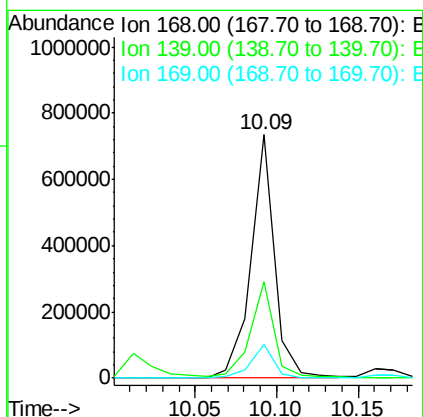
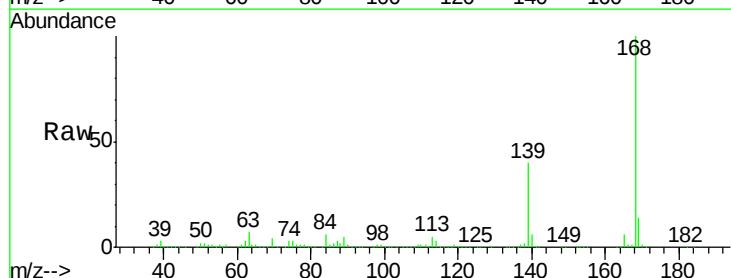
Instrument :
BNA_F
ClientSampleId :

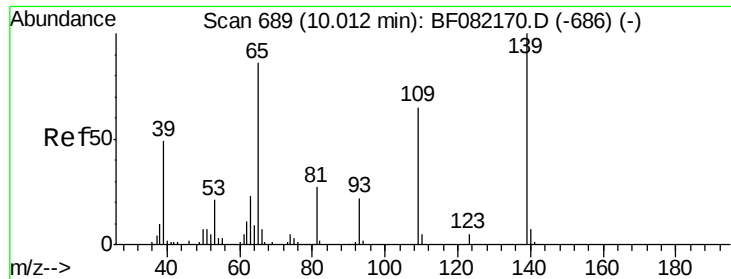
Tot Ion:184 Resp: 142832
Ion Ratio Lower Upper
184 100
63 77.1 45.1 67.7#
154 69.1 51.2 76.8



#54
Dibenzofuran
Concen: 50.65 ng
RT: 10.09 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF082198.D
Acq: 11 Oct 2015 2:12

Tgt Ion:168 Resp: 738283
Ion Ratio Lower Upper
168 100
139 39.7 31.0 46.6
169 13.8 10.9 16.3

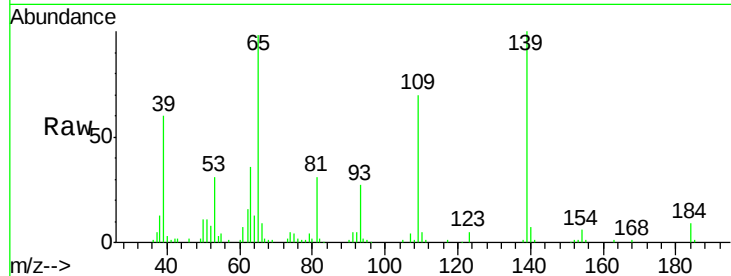




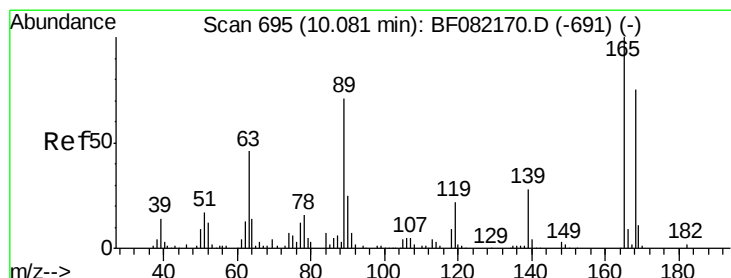
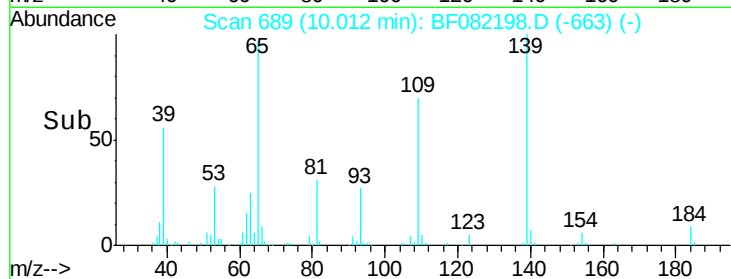
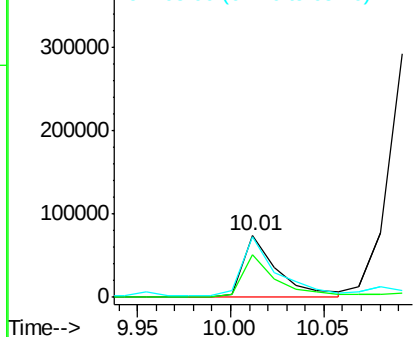
#55
4-Nitrophenol
Concen: 51.69 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082198.D
Acq: 11 Oct 2015 2:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	69.6	44.8	84.8
65	98.3	67.7	107.7

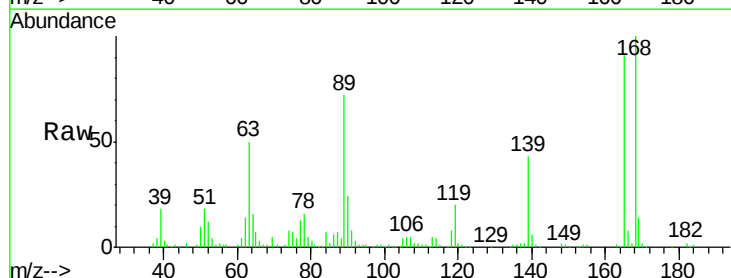


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

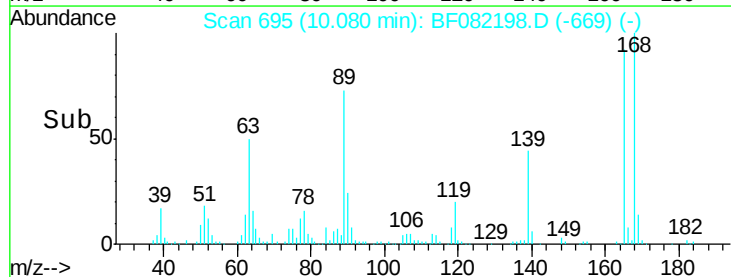
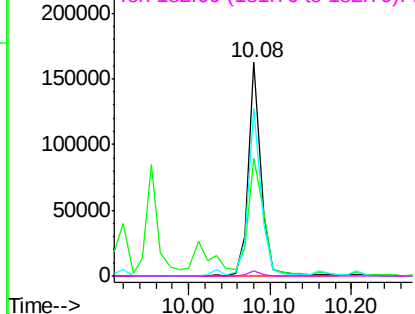


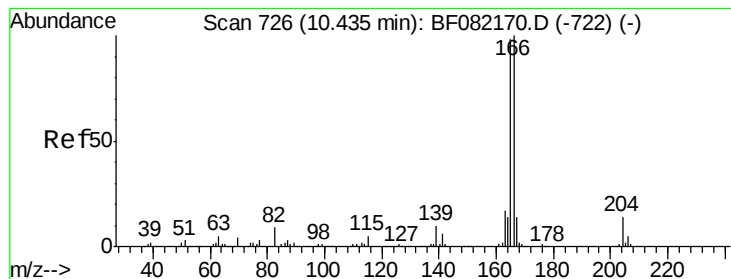
#56
2,4-Dinitrotoluene
Concen: 50.35 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF082198.D
Acq: 11 Oct 2015 2:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.9	38.6	58.0
89	78.7	57.0	85.6
182	2.2	1.8	2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 51.21 ng

RT: 10.43 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

Instrument :

BNA_F

ClientSampled :

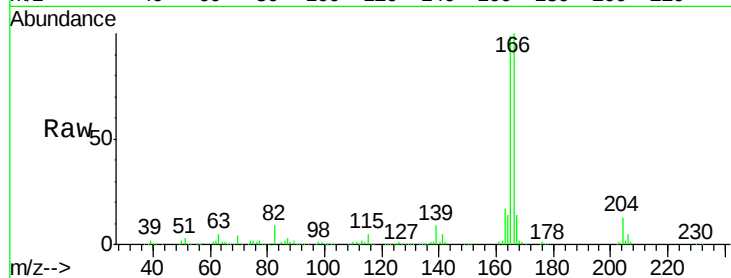
Tot Ion:166 Resp: 613010

Ion Ratio Lower Upper

166 100

165 98.6 78.3 117.5

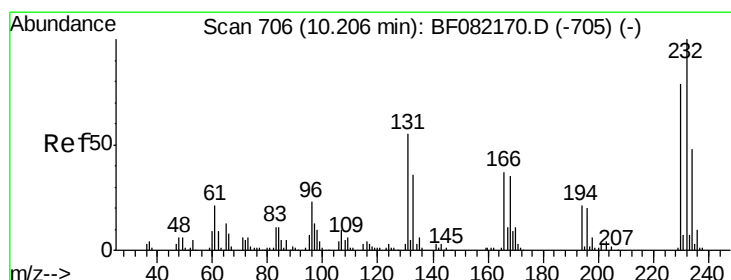
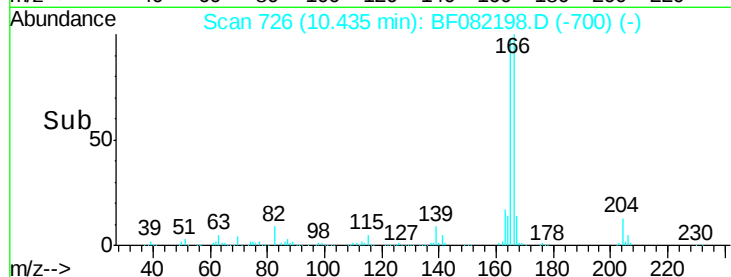
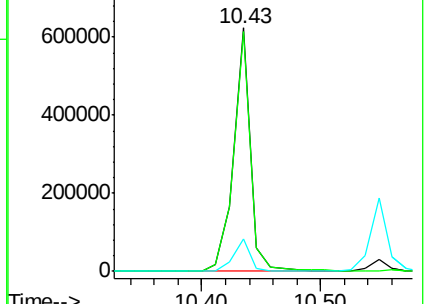
167 13.5 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.91 ng

RT: 10.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

Tgt Ion:232 Resp: 165040

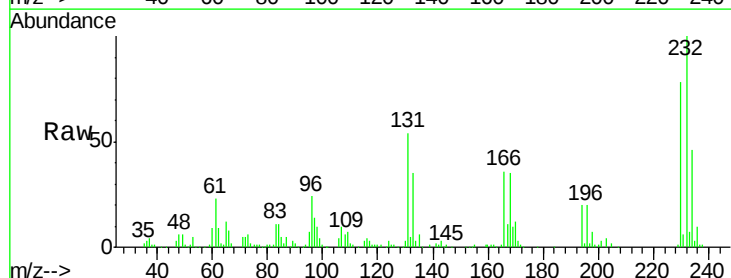
Ion Ratio Lower Upper

232 100

131 43.3 36.6 54.8

130 2.0 1.5 2.3

166 29.2 24.6 37.0

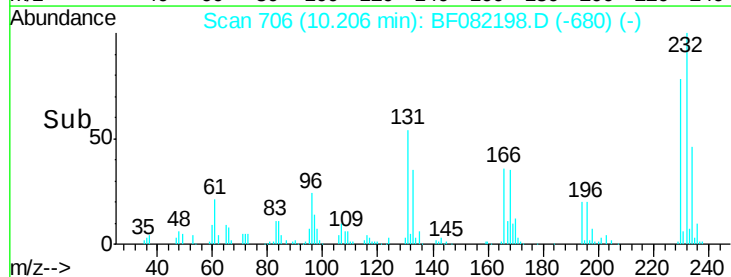
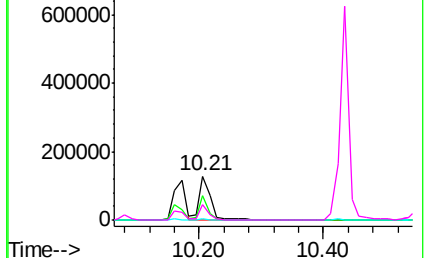


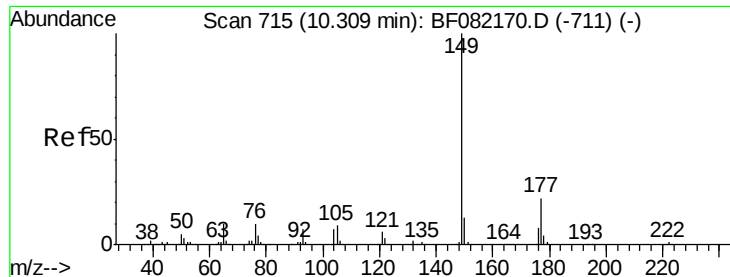
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

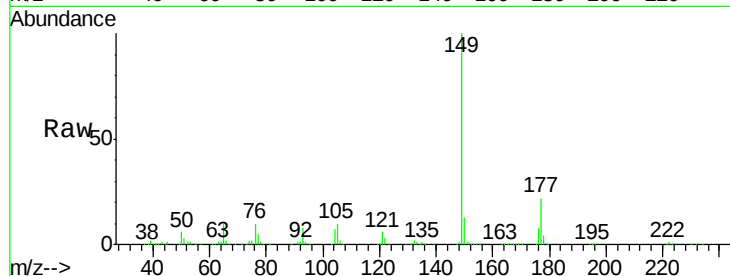




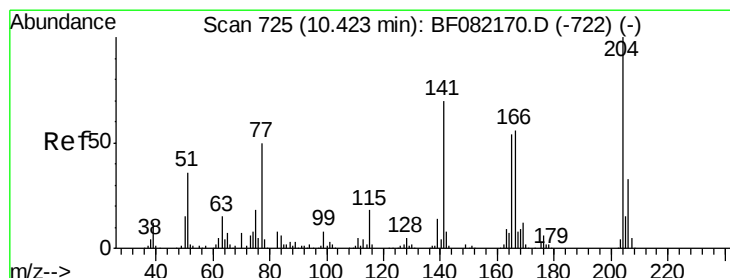
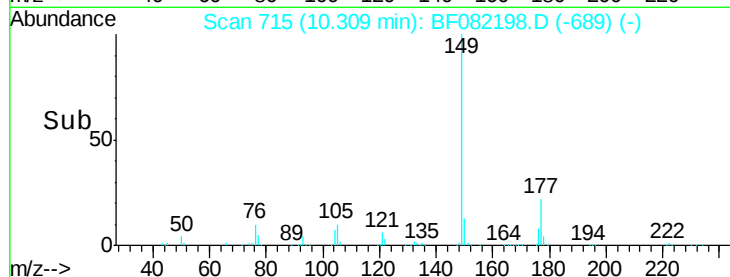
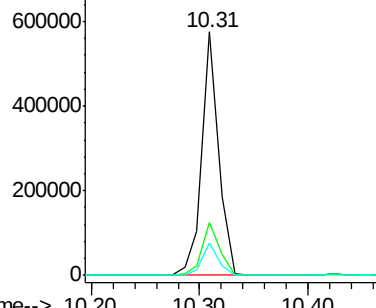
#59
Diethylphthalate
Concen: 49.30 ng
RT: 10.31 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF082198.D
Acq: 11 Oct 2015 2:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 611902
Ion Ratio Lower Upper
149 100
177 21.7 17.6 26.4
150 13.1 10.3 15.5

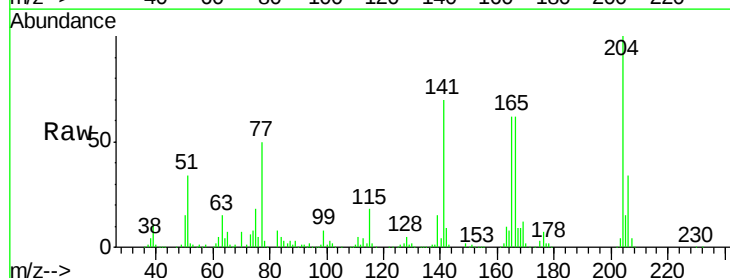


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

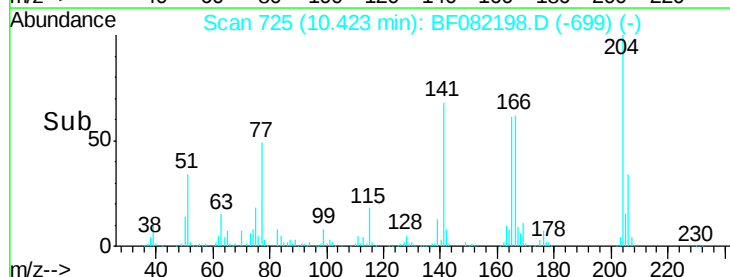
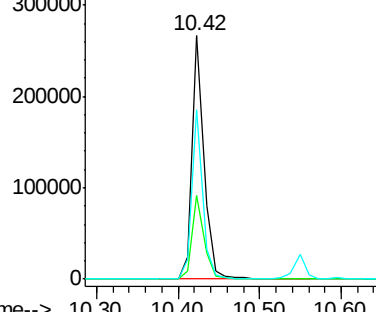


#60
4-Chlorophenyl-phenylether
Concen: 48.75 ng
RT: 10.42 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF082198.D
Acq: 11 Oct 2015 2:12

Tgt Ion:204 Resp: 267321
Ion Ratio Lower Upper
204 100
206 34.3 26.8 40.2
141 69.8 56.1 84.1



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: 47.93 ng

RT: 10.47 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

Instrument :

BNA_F

ClientSampleId :

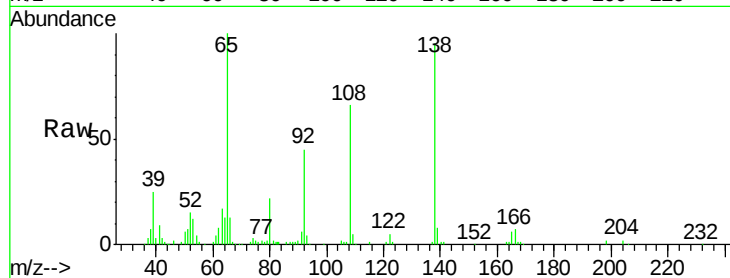
Tot Ion:138 Resp: 147542

Ion Ratio Lower Upper

138 100

92 47.2 26.8 66.8

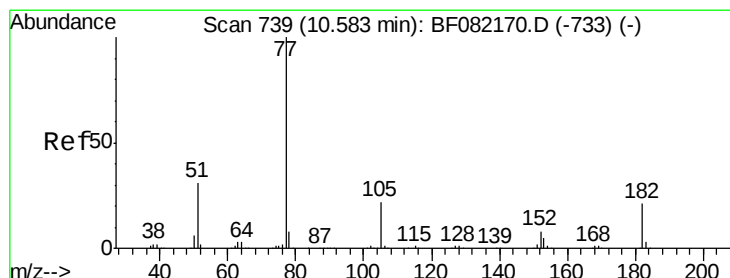
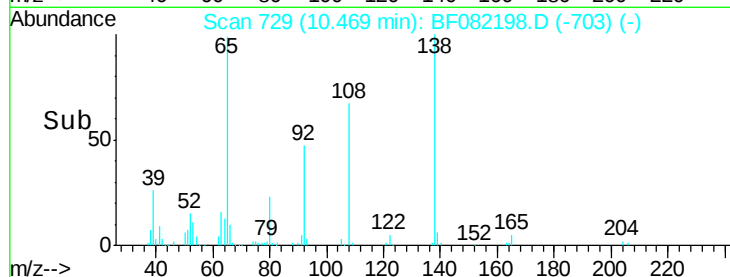
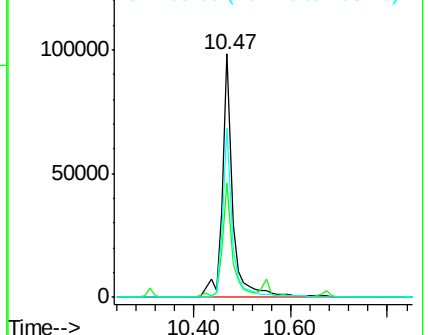
108 69.6 48.4 88.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.64 ng

RT: 10.58 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

Tgt Ion: 77 Resp: 615158

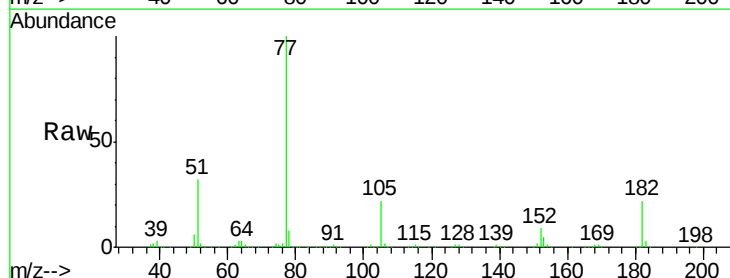
Ion Ratio Lower Upper

77 100

182 22.0 0.5 40.5

105 21.9 1.8 41.8

51 31.7 11.2 51.2

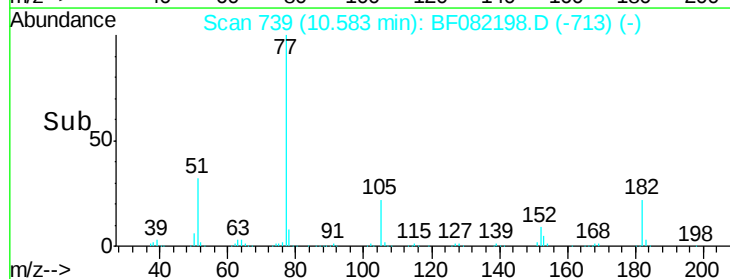
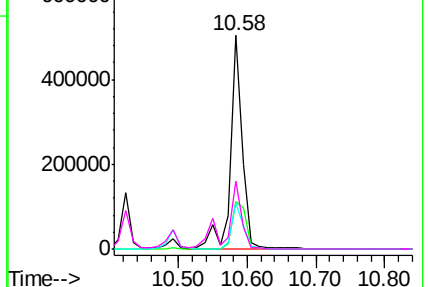


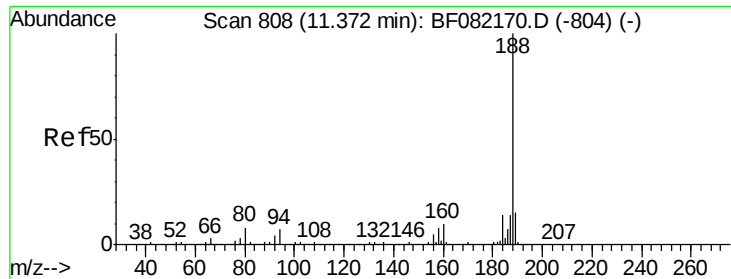
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

Instrument :
BNA_F
ClientSampleId :

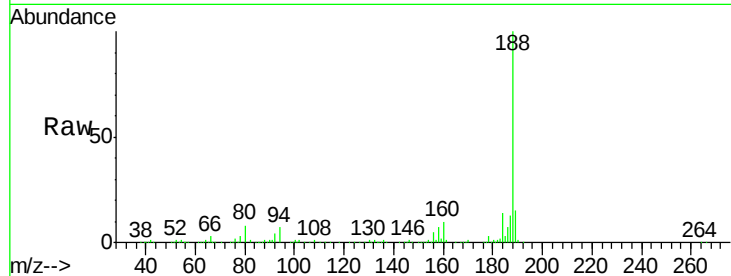
Tot Ion:188 Resp: 358902

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

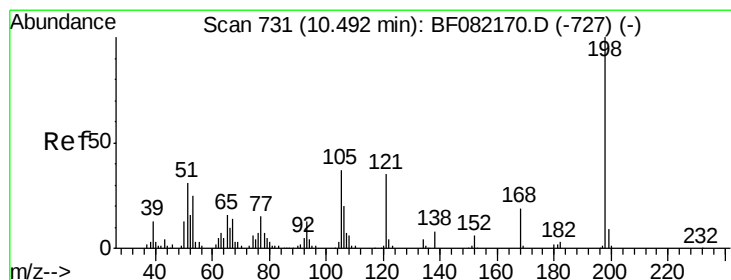
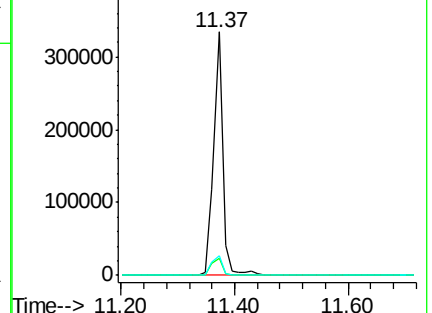
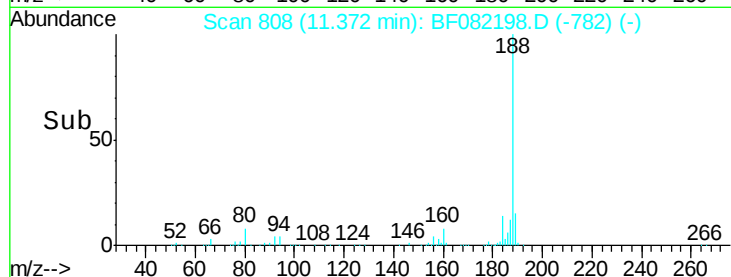
80 8.2 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 51.82 ng

RT: 10.49 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

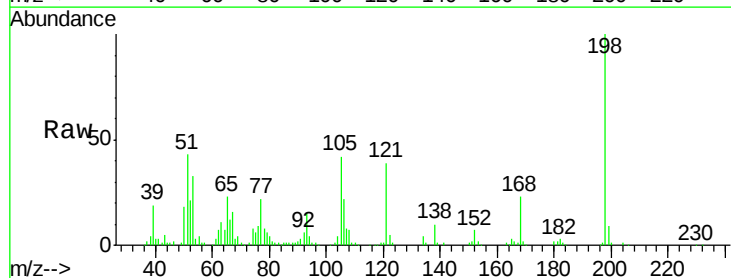
Tgt Ion:198 Resp: 104371

Ion Ratio Lower Upper

198 100

51 42.6 13.6 53.6

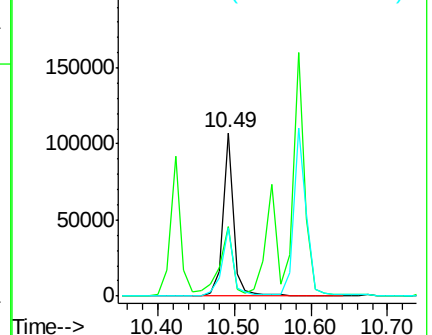
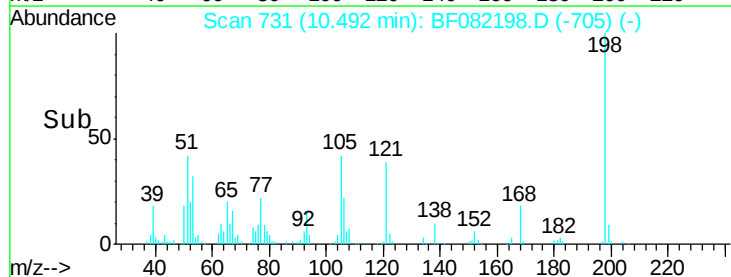
105 42.1 17.1 57.1

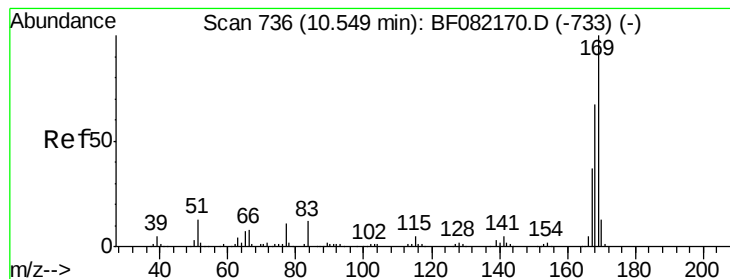


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 48.41 ng

RT: 10.55 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

Instrument :

BNA_F

ClientSampleId :

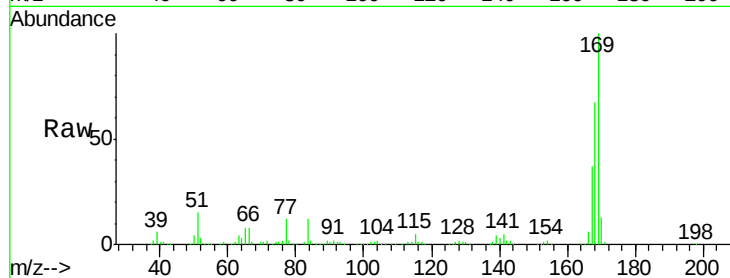
Tot Ion:169 Resp: 520165

Ion Ratio Lower Upper

169 100

168 67.3 54.0 81.0

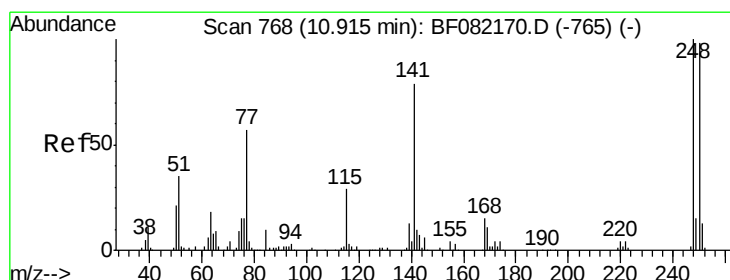
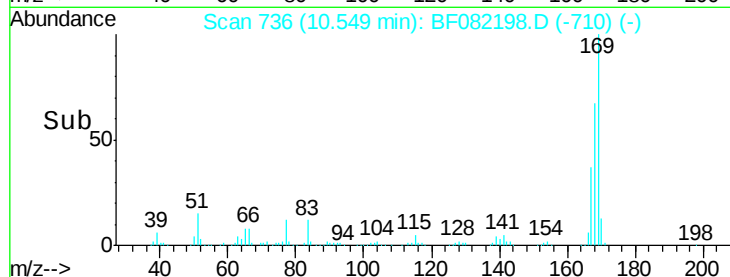
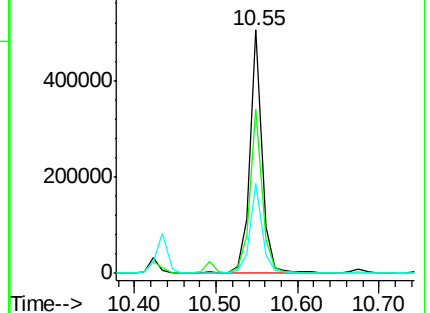
167 37.2 29.6 44.4



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: 49.27 ng

RT: 10.91 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

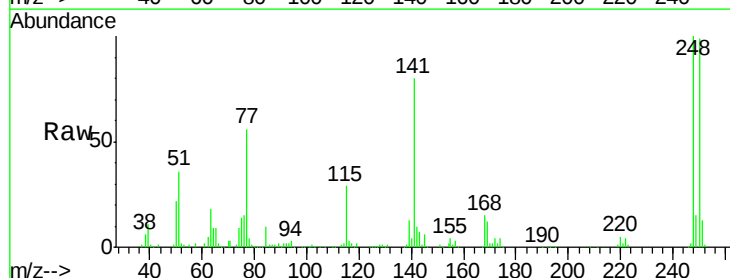
Tgt Ion:248 Resp: 176977

Ion Ratio Lower Upper

248 100

250 98.6 78.6 117.8

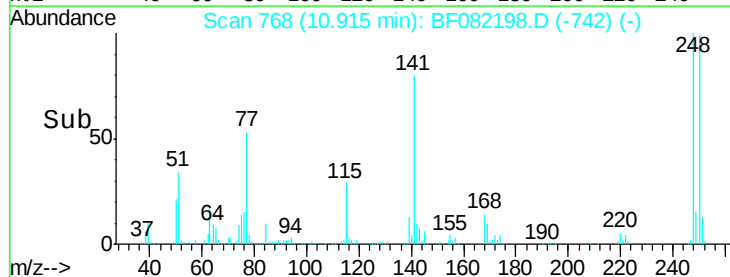
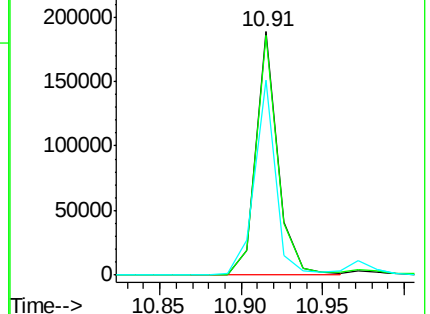
141 80.3 63.3 94.9

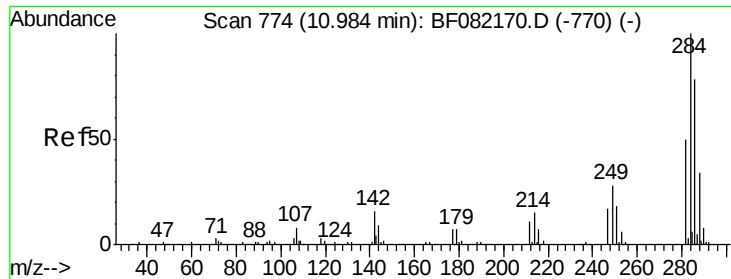


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

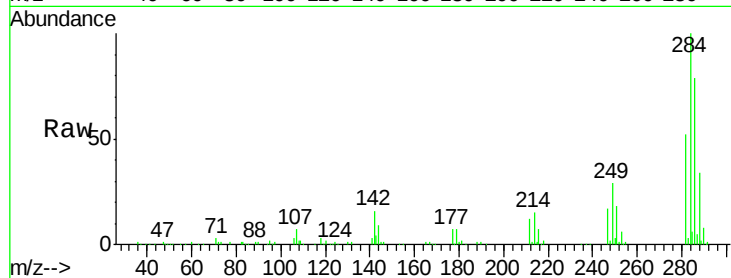




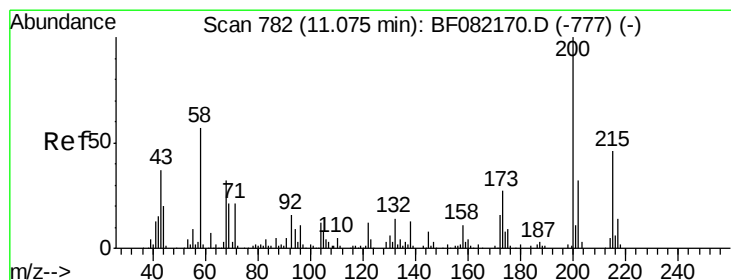
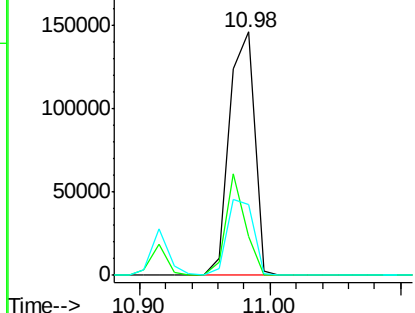
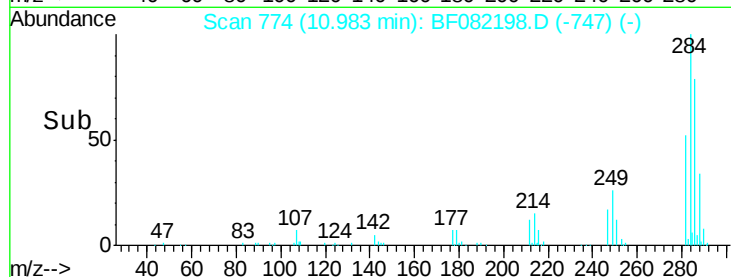
#67
Hexachlorobenzene
Concen: 50.13 ng
RT: 10.98 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF082198.D
Acq: 11 Oct 2015 2:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	15.8	13.0	19.6
249	28.9	22.5	33.7

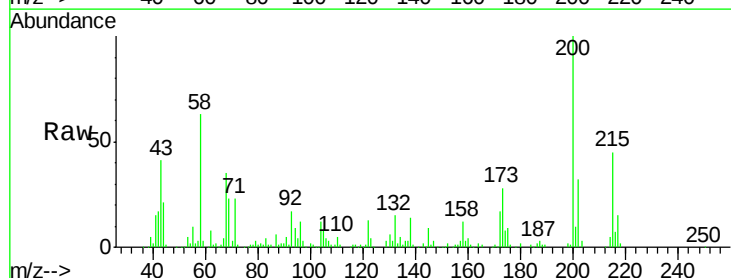


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

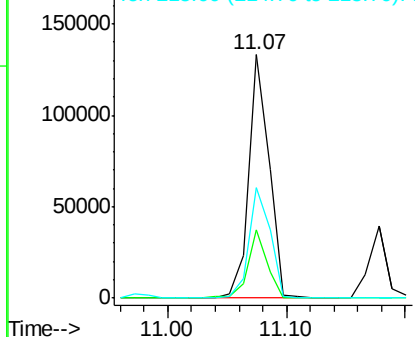
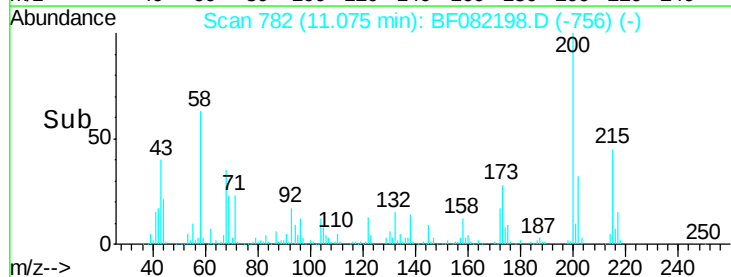


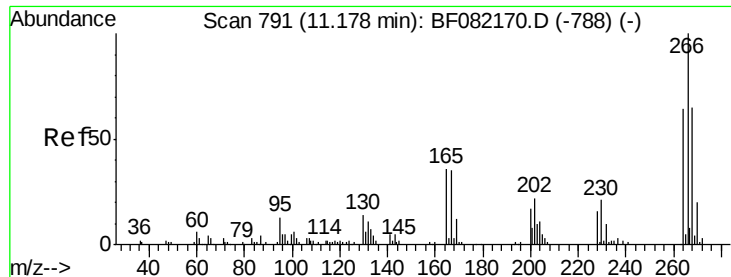
#68
Atrazine
Concen: 46.95 ng
RT: 11.07 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF082198.D
Acq: 11 Oct 2015 2:12

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.1	7.3	47.3
215	45.5	26.2	66.2



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

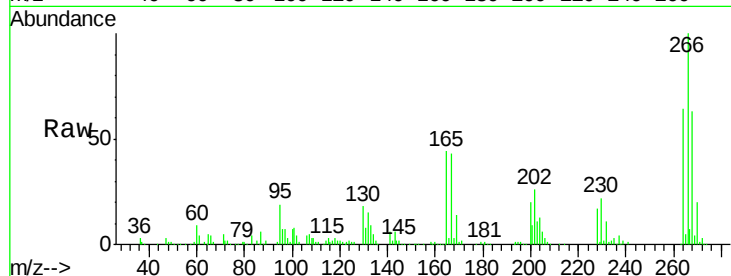




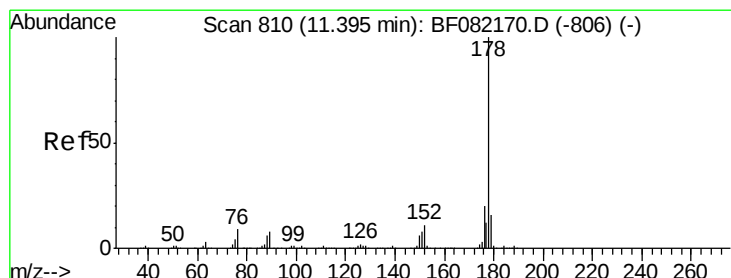
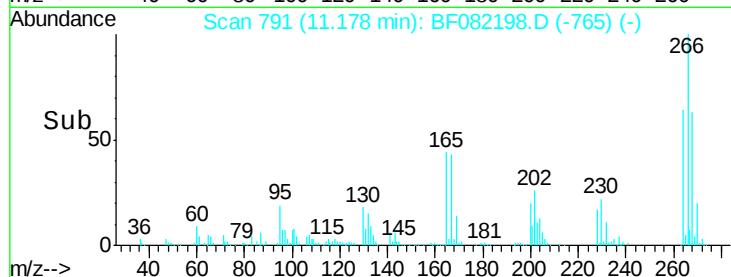
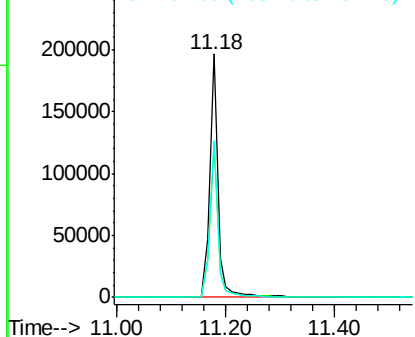
#69
 Pentachlorophenol
 Concen: 105.85 ng
 RT: 11.18 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF082198.D
 Acq: 11 Oct 2015 2:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 211593
 Ion Ratio Lower Upper
 266 100
 268 62.7 52.0 78.0
 264 64.3 51.4 77.0

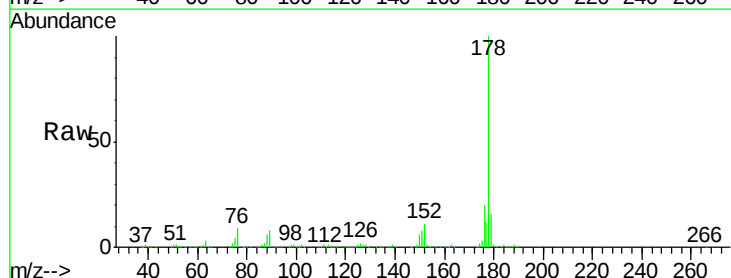


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

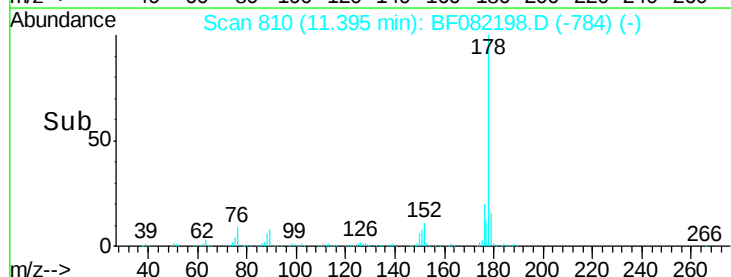
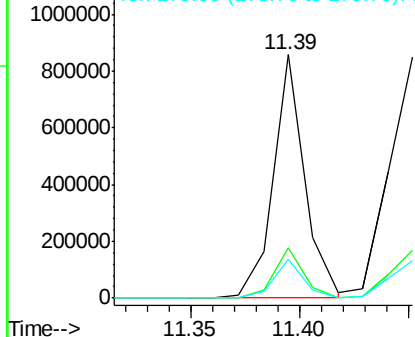


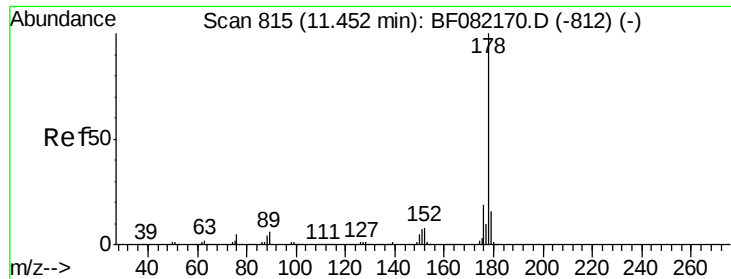
#70
 Phenanthrene
 Concen: 49.18 ng
 RT: 11.39 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082198.D
 Acq: 11 Oct 2015 2:12

Tgt Ion:178 Resp: 865138
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.0 24.0
 179 16.2 12.6 19.0



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

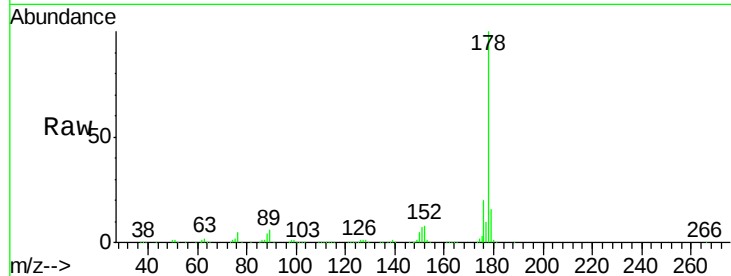




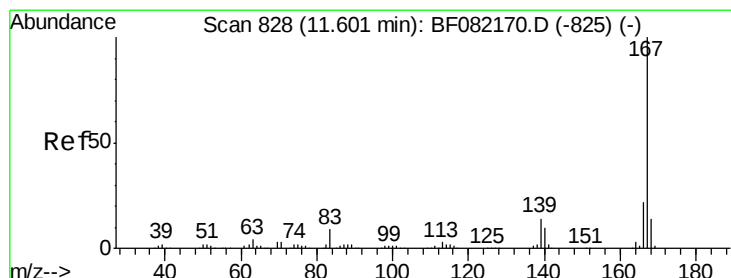
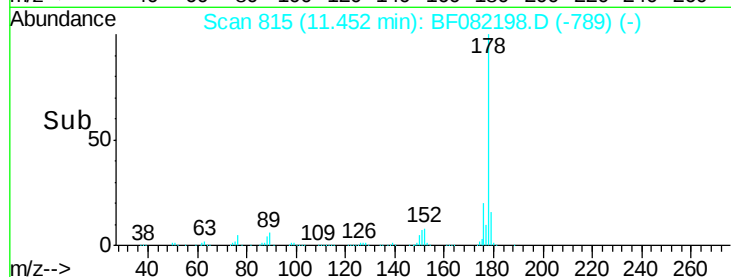
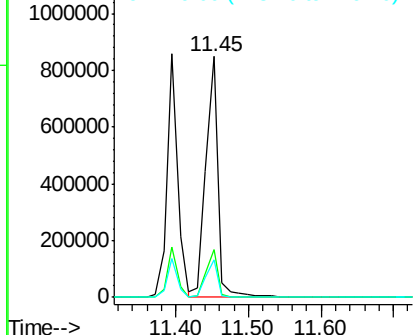
#71
 Anthracene
 Concen: 54.34 ng
 RT: 11.45 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082198.D
 Acq: 11 Oct 2015 2:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 985044
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.0
 179 15.7 12.5 18.7

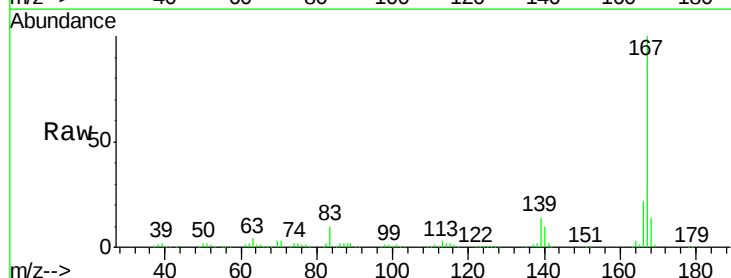


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

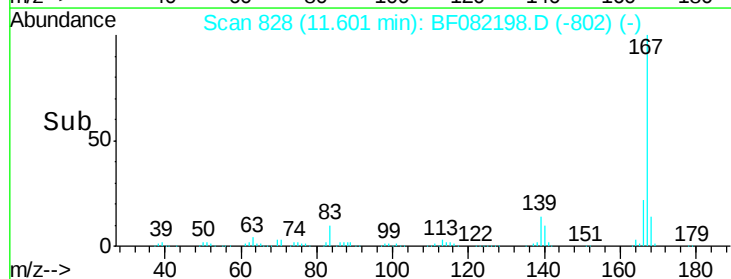
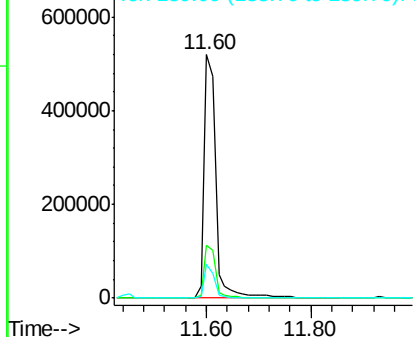


#72
 Carbazole
 Concen: 49.03 ng
 RT: 11.60 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF082198.D
 Acq: 11 Oct 2015 2:12

Tgt Ion:167 Resp: 810751
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.3 25.9
 139 14.1 11.2 16.8



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





#73

Di-n-butylphthalate

Concen: 50.40 ng

RT: 11.93 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

Instrument :

BNA_F

ClientSampleId :

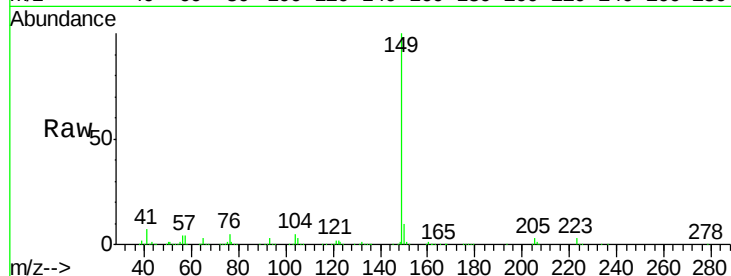
Tot Ion:149 Resp: 1028144

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

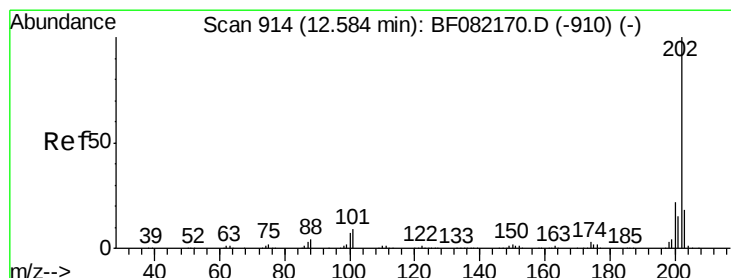
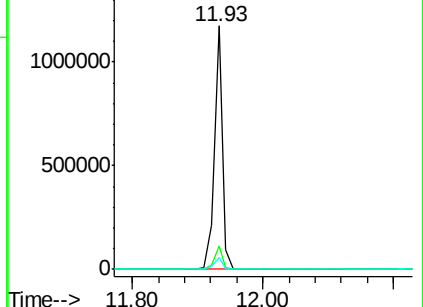
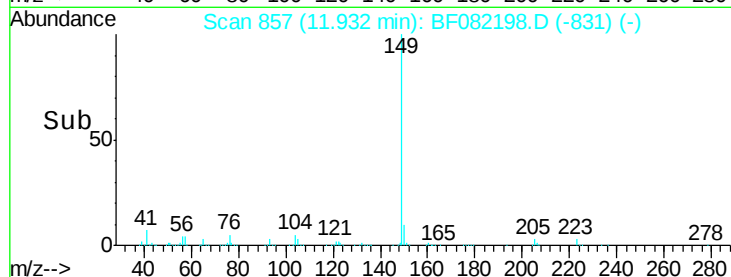
104 5.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 51.71 ng

RT: 12.58 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

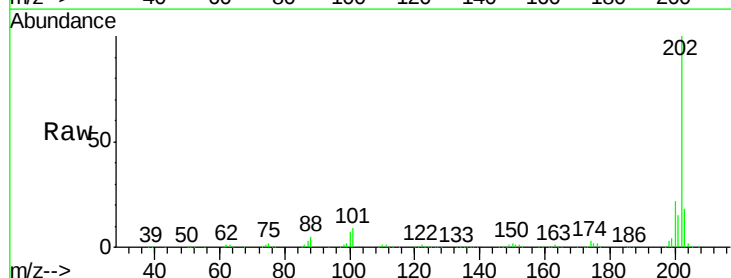
Tgt Ion:202 Resp: 977054

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.3

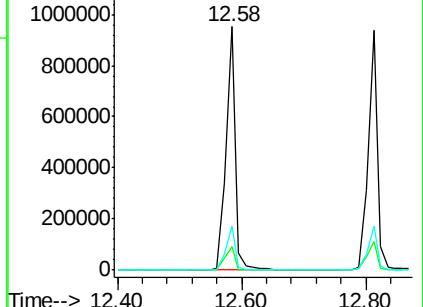
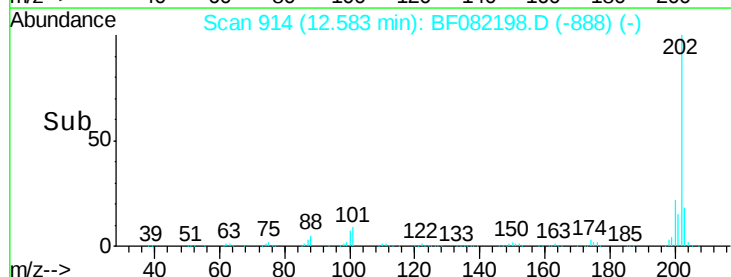
203 18.1 0.0 37.8

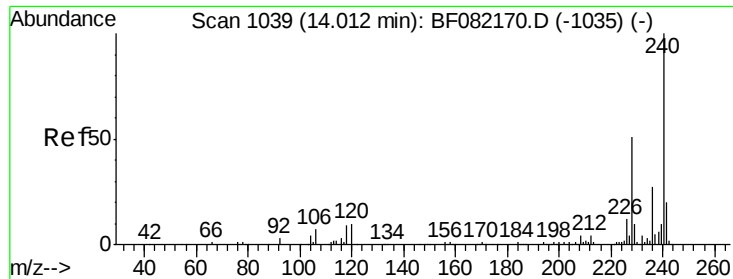


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

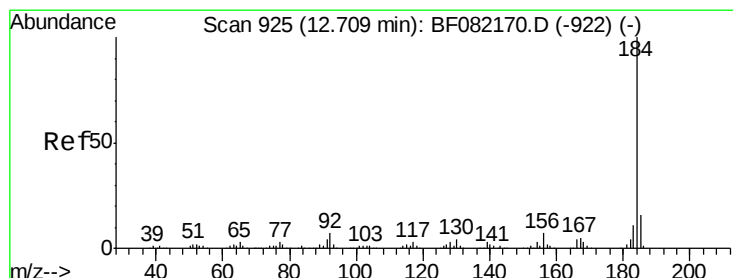
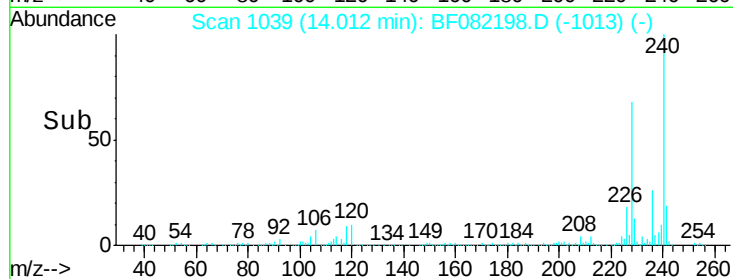
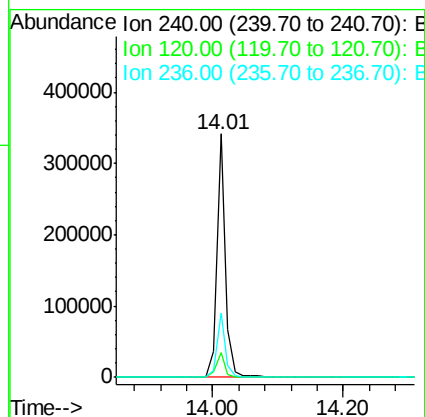
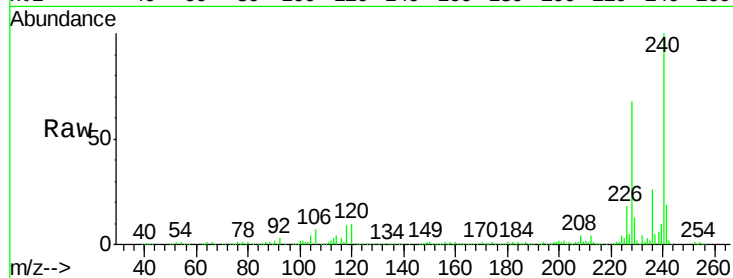




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF082198.D
Acq: 11 Oct 2015 2:12

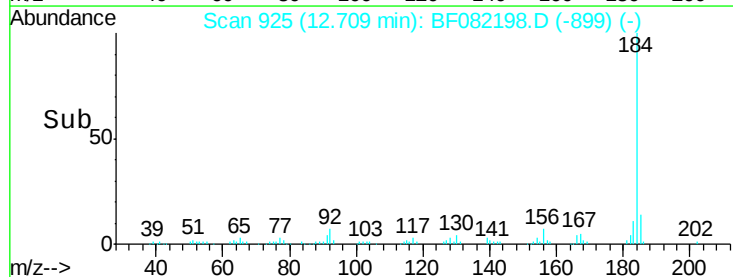
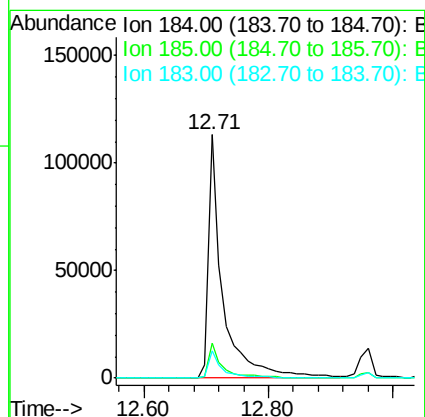
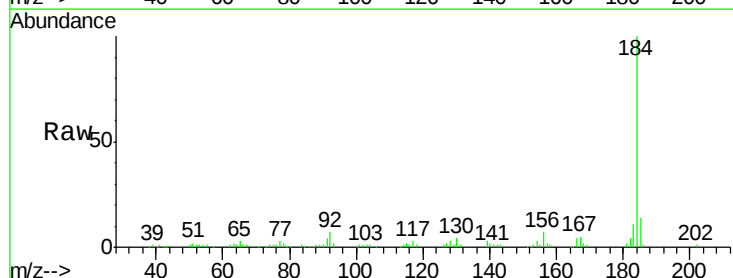
Instrument :
BNA_F
ClientSampleId :

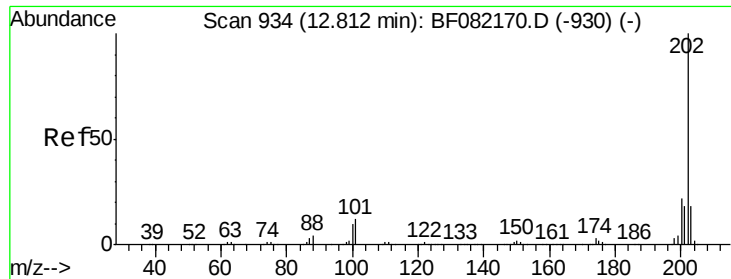
Tot Ion:240 Resp: 320949
Ion Ratio Lower Upper
240 100
120 10.4 8.1 12.1
236 26.4 21.3 31.9



#76
Benzidine
Concen: 19.54 ng
RT: 12.71 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF082198.D
Acq: 11 Oct 2015 2:12

Tgt Ion:184 Resp: 181762
Ion Ratio Lower Upper
184 100
185 14.2 12.5 18.7
183 11.3 9.1 13.7

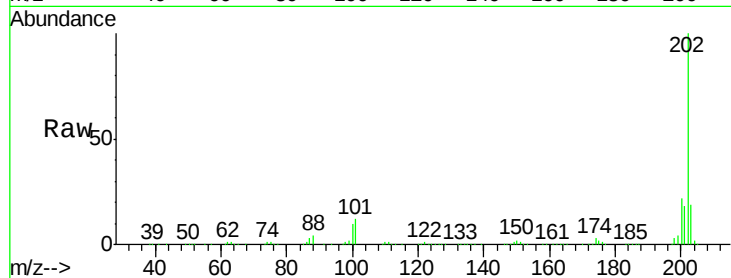




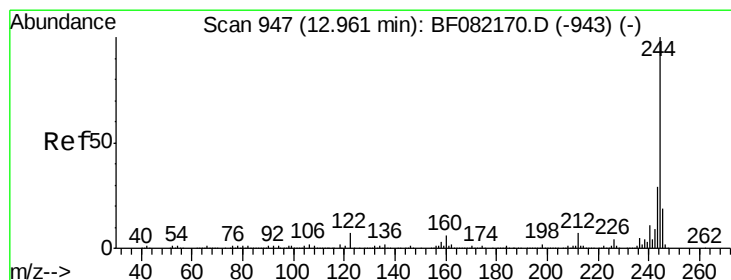
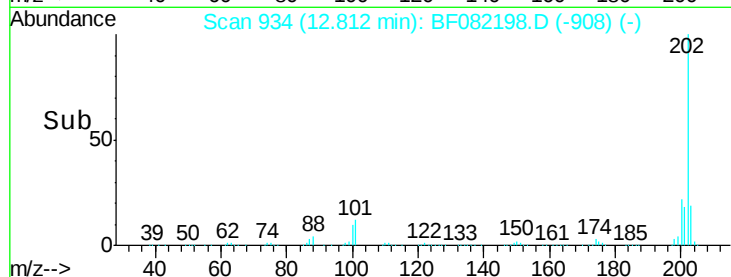
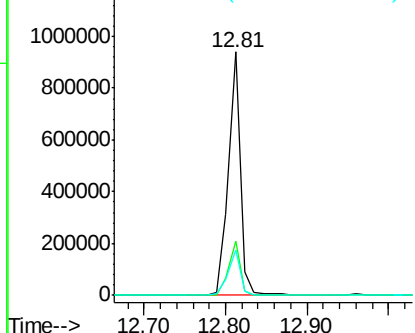
#77
Pvrene
Concen: 49.79 ng
RT: 12.81 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF082198.D
Acq: 11 Oct 2015 2:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 948394
Ion Ratio Lower Upper
202 100
200 22.4 17.9 26.9
203 18.5 14.5 21.7

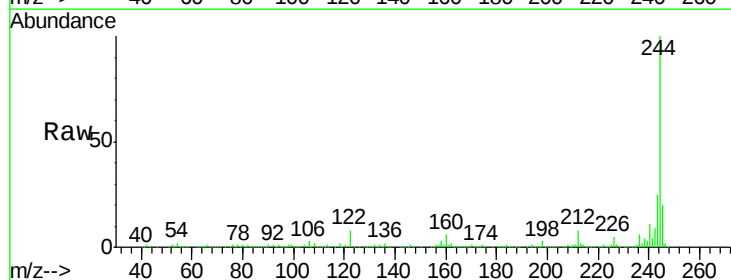


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

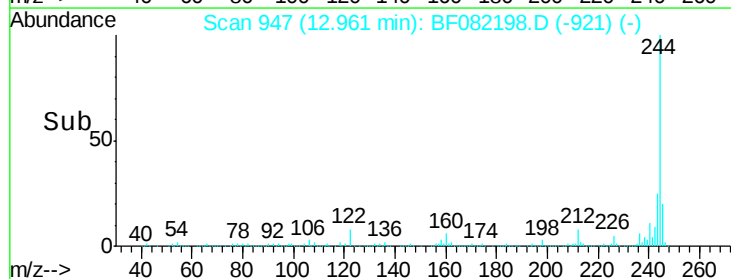
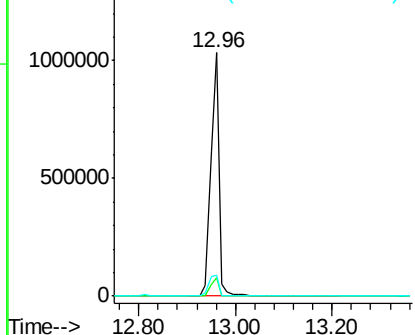


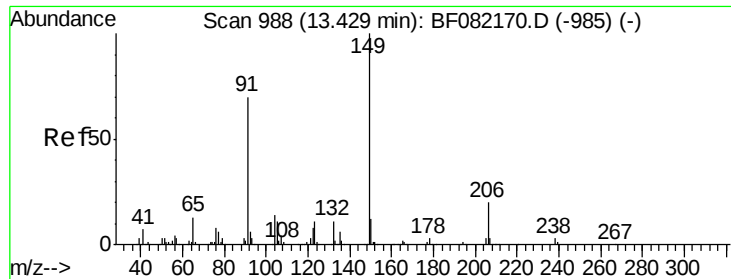
#78
Terphenyl-d14
Concen: 102.86 ng
RT: 12.96 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF082198.D
Acq: 11 Oct 2015 2:12

Tgt Ion:244 Resp: 1245855
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 8.3 5.9 8.9



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

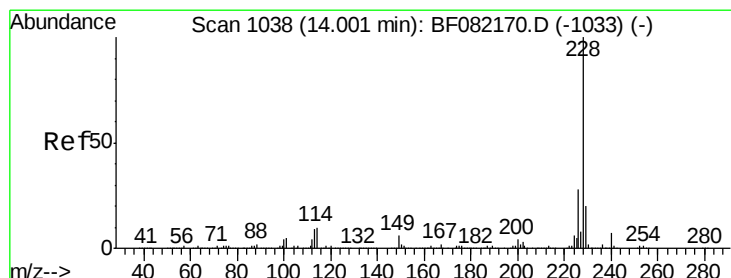
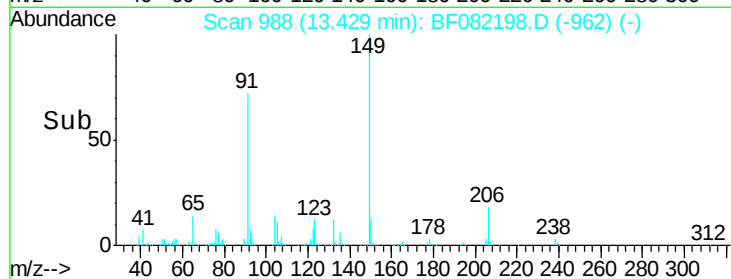
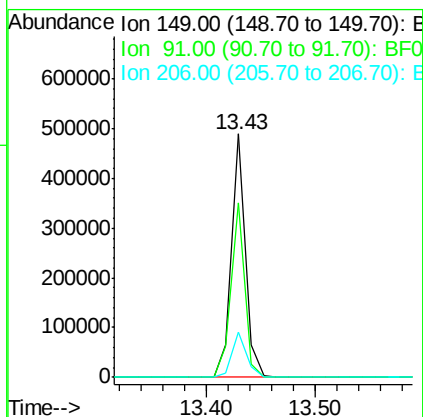
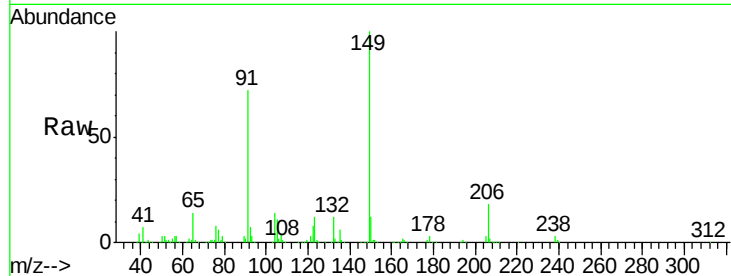




#79
Butylbenzylphthalate
Concen: 49.59 ng
RT: 13.43 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF082198.D
Acq: 11 Oct 2015 2:12

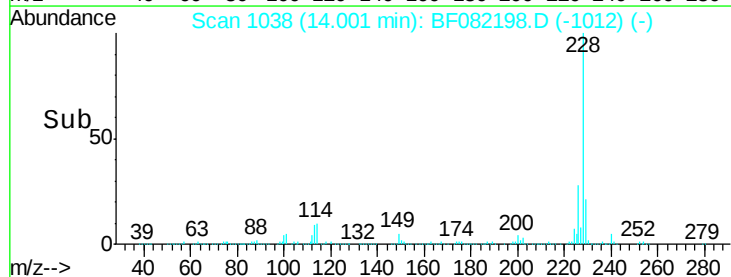
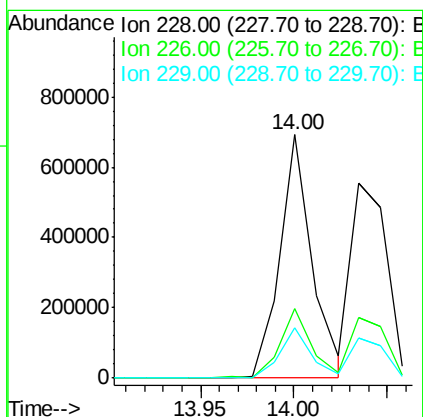
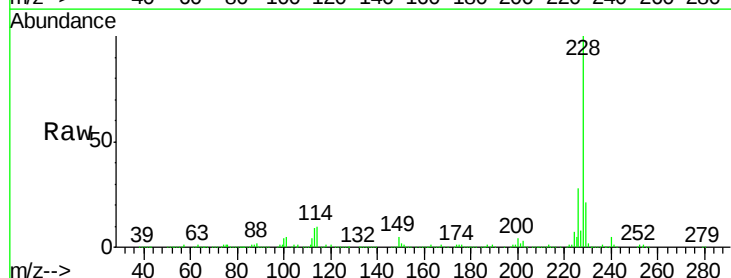
Instrument :
BNA_F
ClientSampleId :

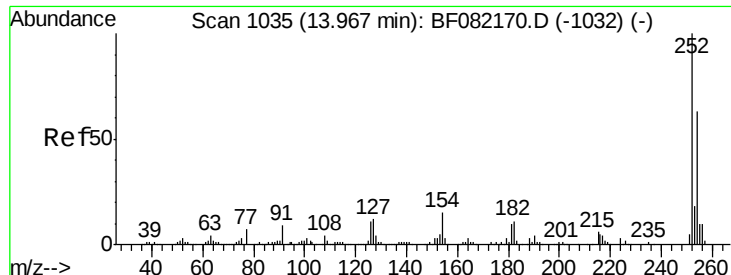
Tot Ion	Ion	Ratio	Lower	Upper
149	100			
91	71.9	55.7	83.5	
206	18.3	15.6	23.4	



#80
Benzo(a)anthracene
Concen: 49.87 ng
RT: 14.00 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF082198.D
Acq: 11 Oct 2015 2:12

Tgt Ion	Ion	Ratio	Lower	Upper
228	100			
226	28.4	22.3	33.5	
229	20.5	16.2	24.2	

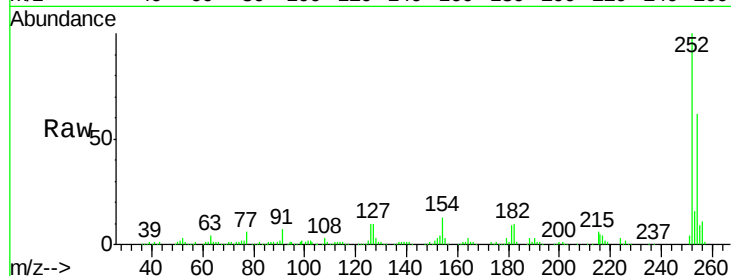




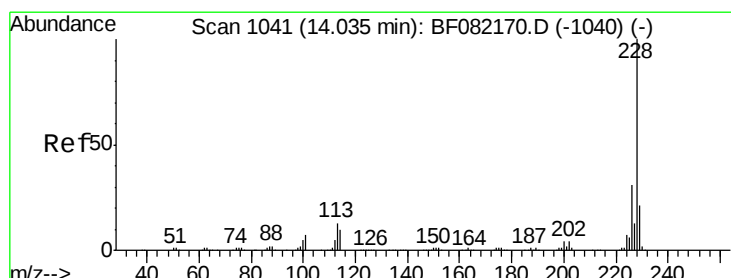
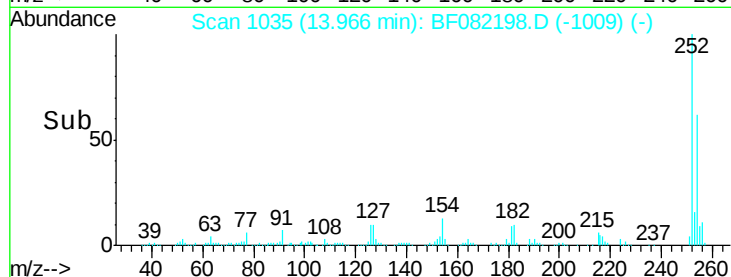
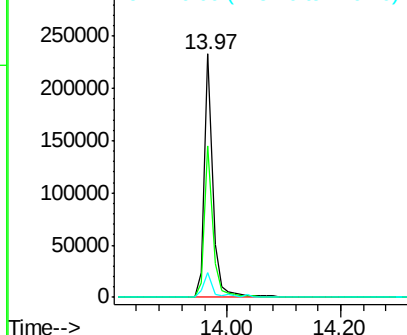
#81
 3,3'-Dichlorobenzidine
 Concen: 36.93 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF082198.D
 Acq: 11 Oct 2015 2:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 234055
 Ion Ratio Lower Upper
 252 100
 254 62.3 50.7 76.1
 126 10.2 9.0 13.6

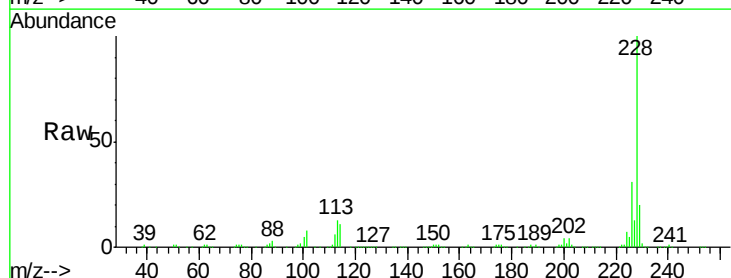


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

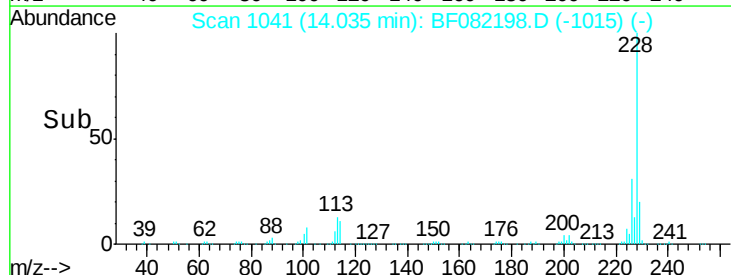
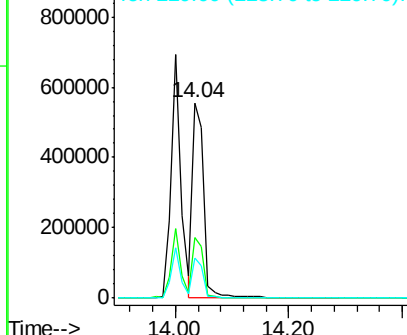


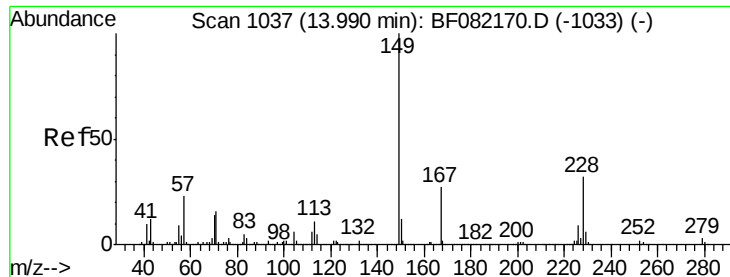
#82
 Chrysene
 Concen: 44.30 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF082198.D
 Acq: 11 Oct 2015 2:12

Tgt Ion:228 Resp: 779468
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.4 36.6
 229 20.3 16.3 24.5



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

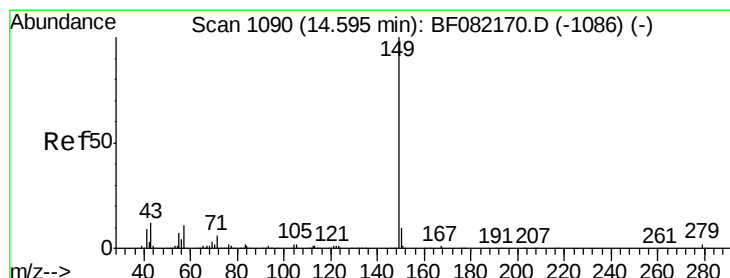
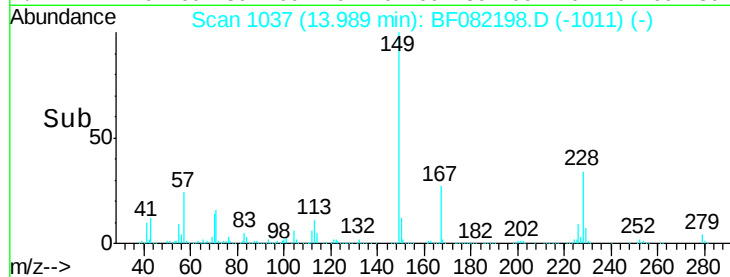
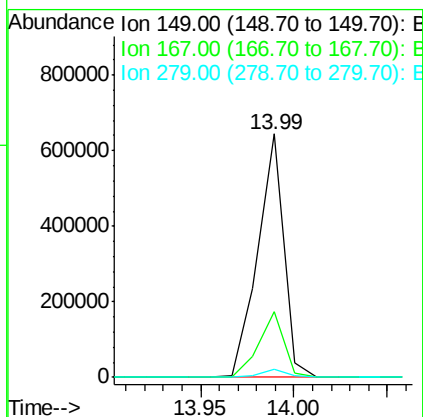
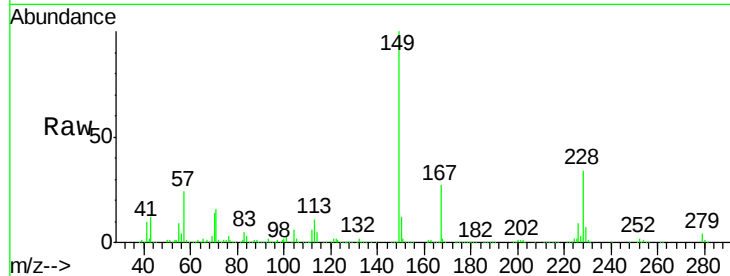




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.07 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF082198.D
 Acq: 11 Oct 2015 2:12

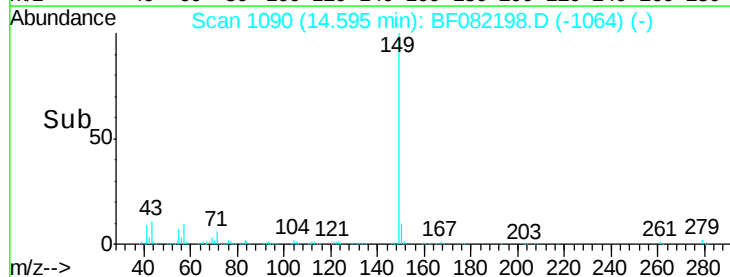
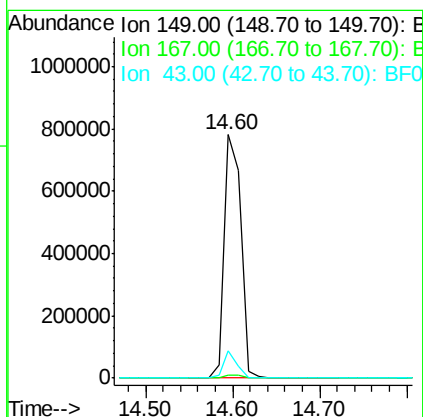
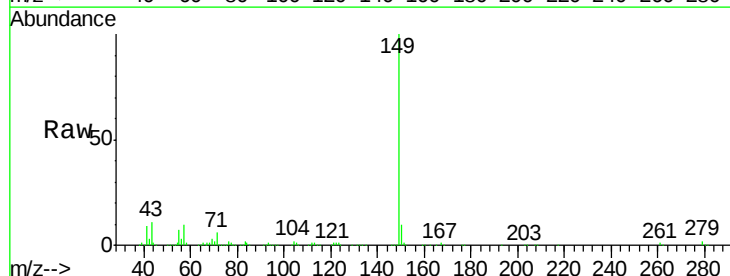
Instrument :
 BNA_F
 ClientSampleId :

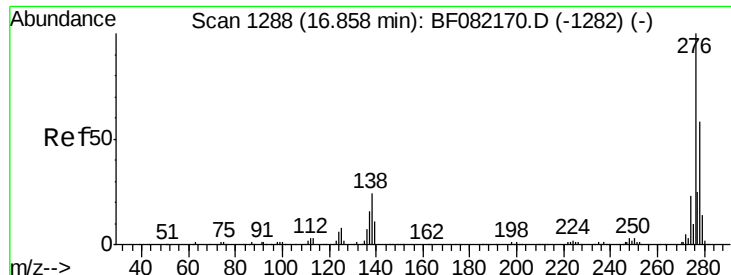
Tot Ion:149 Resp: 633357
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.3 31.9
 279 3.6 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 49.11 ng
 RT: 14.60 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF082198.D
 Acq: 11 Oct 2015 2:12

Tgt Ion:149 Resp: 1045819
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.2 7.4 11.2

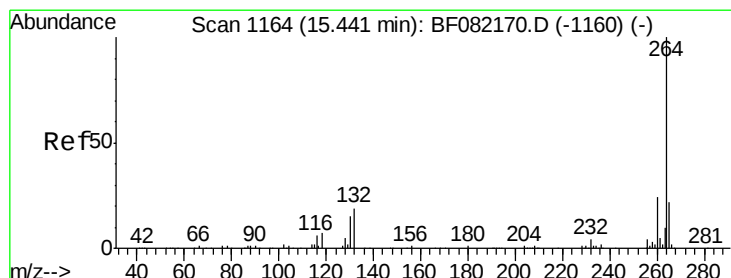
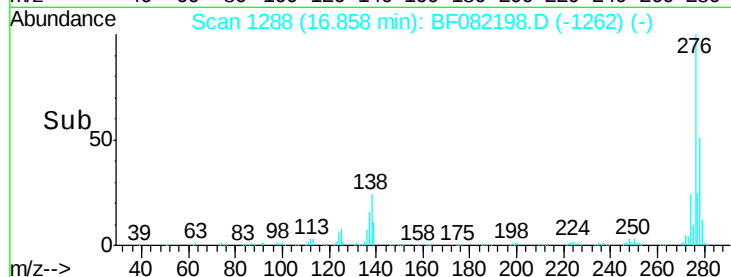
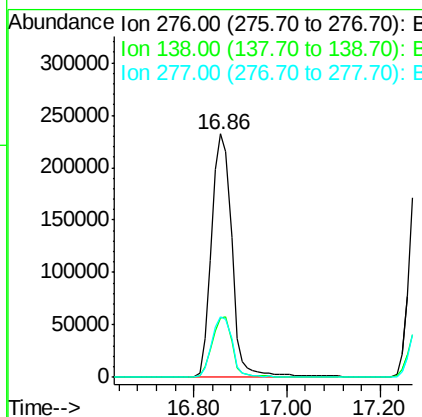
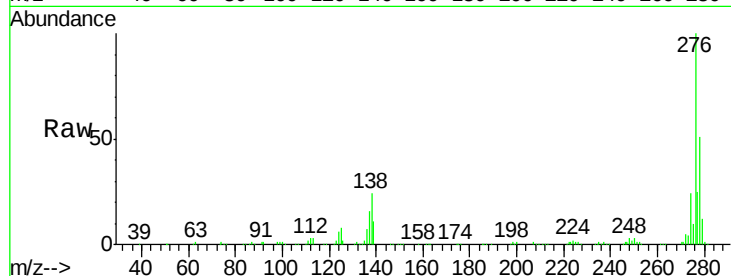




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.96 ng
 RT: 16.86 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: BF082198.D
 Acq: 11 Oct 2015 2:12

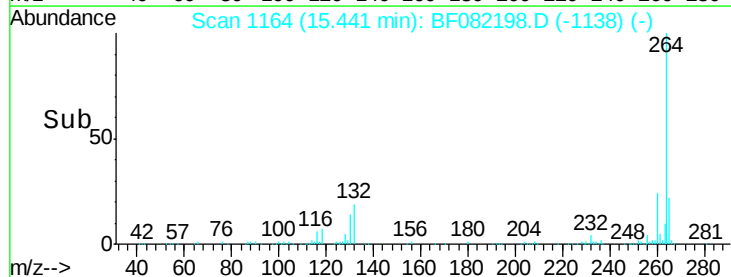
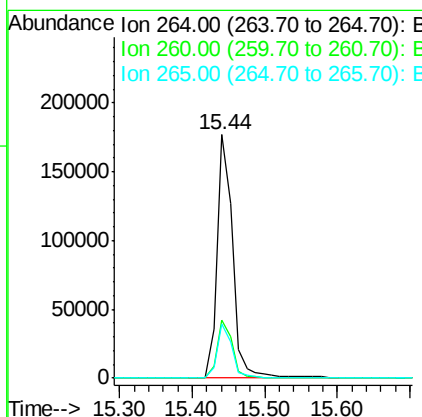
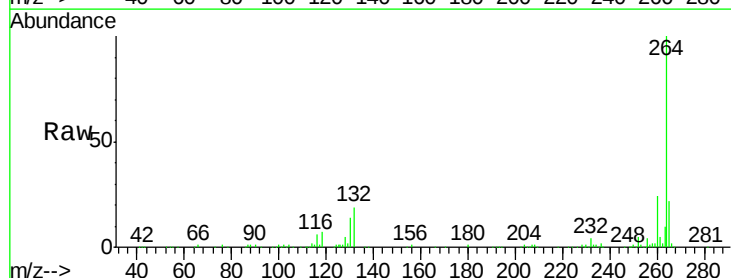
Instrument :
 BNA_F
 ClientSampleId :

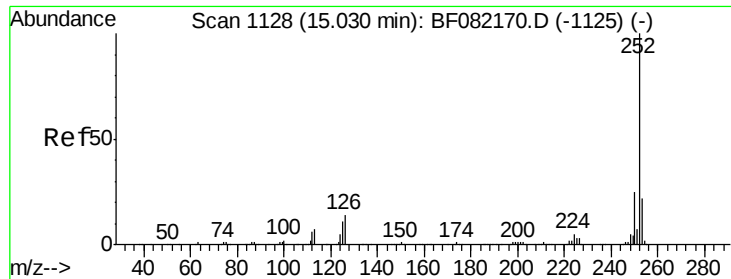
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.7	29.5
277	25.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF082198.D
 Acq: 11 Oct 2015 2:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	22.1	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 93.41 ng

RT: 15.06 min Scan# 1131

Delta R.T. 0.03 min

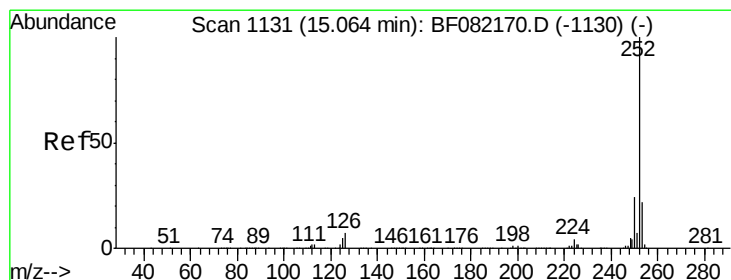
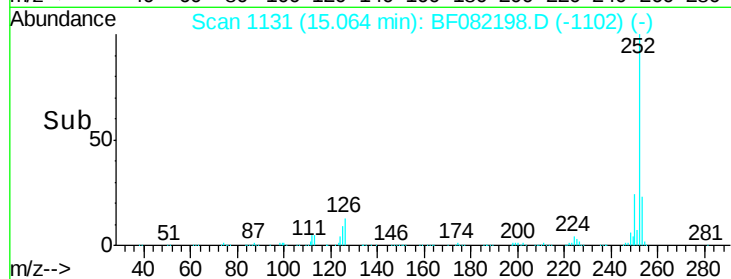
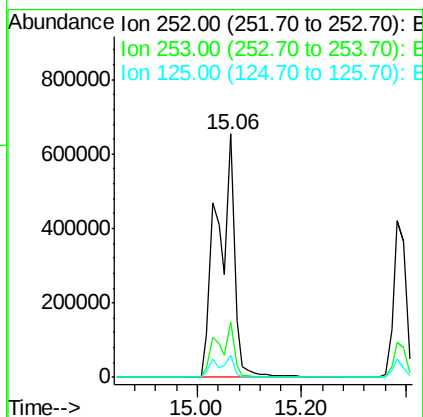
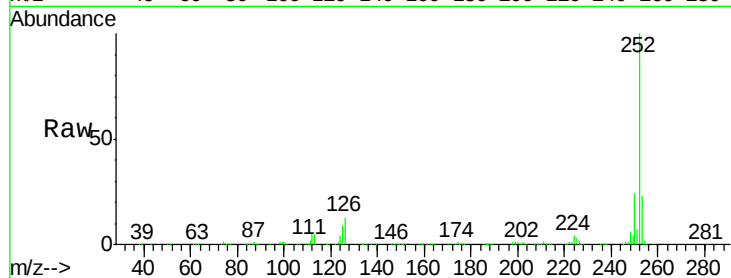
Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1497506

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	8.9	8.6	12.8



#88

Benzo(k)fluoranthene

Concen: 111.37 ng

RT: 15.06 min Scan# 1131

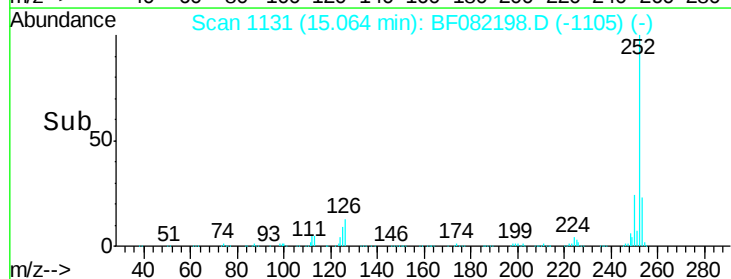
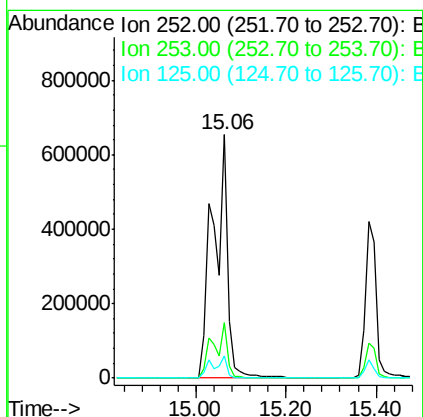
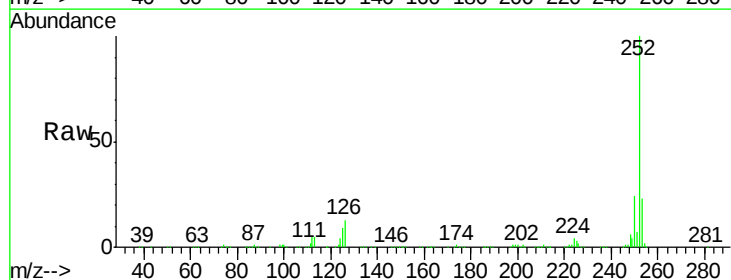
Delta R.T. 0.00 min

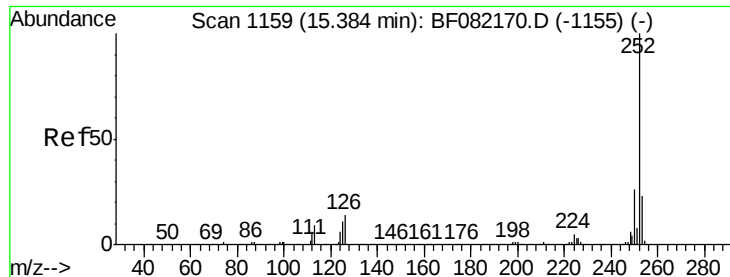
Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

Tgt Ion:252 Resp: 1500633

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	8.9	6.7	10.1





#89

Benzo(a)pyrene

Concen: 51.40 ng

RT: 15.38 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

Instrument :

BNA_F

ClientSampleId :

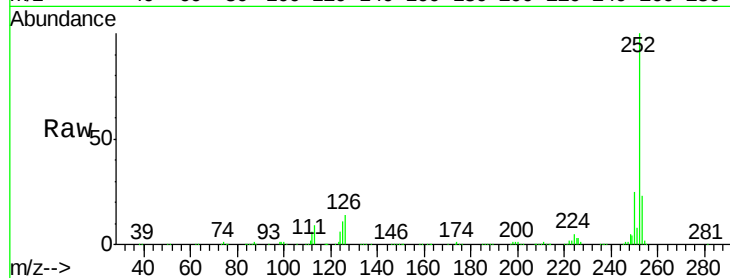
Tot Ion:252 Resp: 708158

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

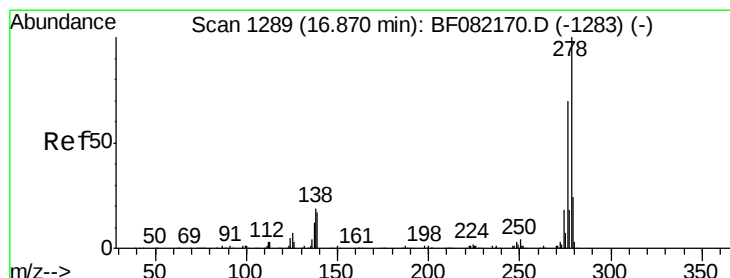
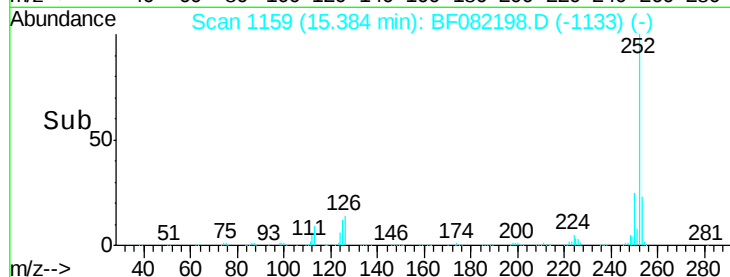
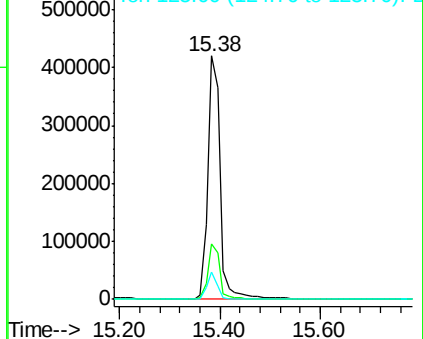
125 11.4 8.9 13.3



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: 53.39 ng

RT: 16.88 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF082198.D

Acq: 11 Oct 2015 2:12

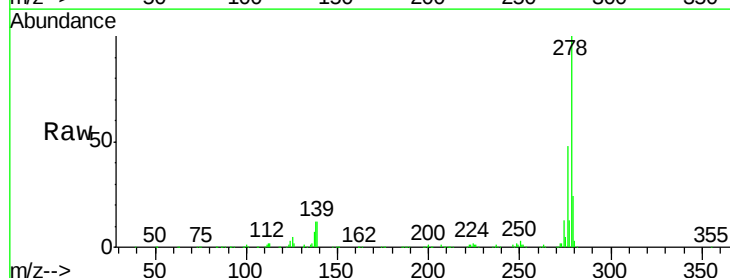
Tgt Ion:278 Resp: 602724

Ion Ratio Lower Upper

278 100

139 12.3 13.3 19.9#

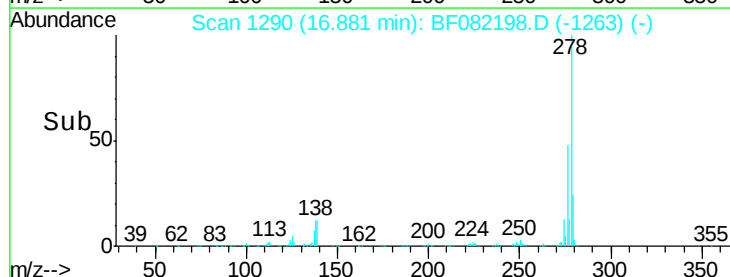
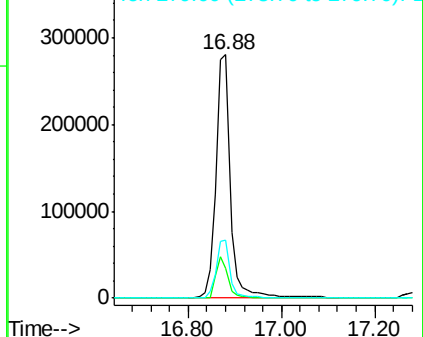
279 23.8 18.9 28.3

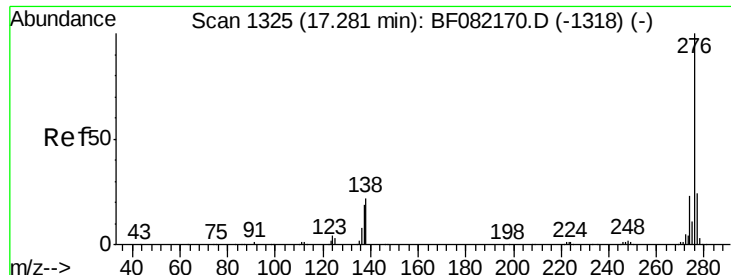


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

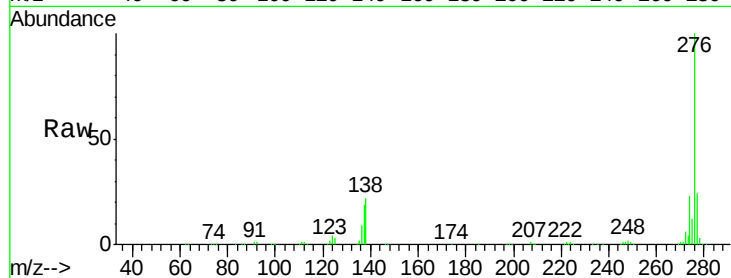




#91
 Benzo(a,h,i)perylene
 Concen: 54.08 ng
 RT: 17.28 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BF082198.D
 Acq: 11 Oct 2015 2:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	21.8	17.4	26.2



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

