

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094766.D
 Acq On : 1 May 2017 23:36
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 01:41:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	108522	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	418484	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	176217	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	266678	20.00	ng	0.00
75) Chrysene-d12	14.47	240	206420	20.00	ng	0.00
86) Perylene-d12	16.09	264	176266	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.32	112	522569	79.89	ng	0.02
7) Phenol-d6	5.40	99	586808	76.10	ng	0.00
23) Nitrobenzene-d5	6.41	82	541717	79.93	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	106593	77.33	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1006287	84.02	ng	0.00
78) Terphenyl-d14	13.19	244	687312	89.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	153650	40.39	ng	93
3) Pyridine	2.62	79	283754	34.13	ng	98
4) n-Nitrosodimethylamine	2.58	42	124483	36.18	ng	84
6) Aniline	5.40	93	331261	32.32	ng	92
8) 2-Chlorophenol	5.54	128	300541	40.38	ng	95
9) Benzaldehyde	5.27	77	251457	42.87	ng	98
10) Phenol	5.41	94	353950	37.36	ng	96
11) bis(2-Chloroethyl)ether	5.47	93	269774	38.98	ng	98
12) 1,3-Dichlorobenzene	5.70	146	337622	40.94	ng	98
13) 1,4-Dichlorobenzene	5.78	146	340839	41.08	ng	94
14) 1,2-Dichlorobenzene	5.95	146	301755	39.48	ng	96
15) Benzyl Alcohol	5.94	79	220823	38.60	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.09	45	354898	39.11	ng	# 17
17) 2-Methylphenol	6.09	107	234573	40.01	ng	# 91
18) Hexachloroethane	6.34	117	107701	37.87	ng	90
19) n-Nitroso-di-n-propylamine	6.25	70	199814	39.11	ng	95
20) 3+4-Methylphenols	6.27	107	309232	38.82	ng	# 61
22) Acetophenone	6.24	105	404374	39.74	ng	# 86
24) Nitrobenzene	6.44	77	274940	38.52	ng	95
25) Isophorone	6.72	82	492765	39.22	ng	96
26) 2-Nitrophenol	6.81	139	155900	40.66	ng	95
27) 2,4-Dimethylphenol	6.89	122	244207	39.21	ng	96
28) bis(2-Chloroethoxy)methane	6.98	93	327204	40.26	ng	100
29) 2,4-Dichlorophenol	7.11	162	243263	41.99	ng	99
30) 1,2,4-Trichlorobenzene	7.20	180	245795	41.03	ng	99
31) Naphthalene	7.28	128	796497	39.59	ng	99
32) Benzoic acid	7.08	122	128792	39.11	ng	96
33) 4-Chloroaniline	7.36	127	292349	34.93	ng	95
34) Hexachlorobutadiene	7.44	225	124524	41.70	ng	99
35) Caprolactam	7.81	113	50654	27.83	ng	89
36) 4-Chloro-3-methylphenol	7.99	107	229630	37.82	ng	92
37) 2-Methylnaphthalene	8.12	142	539126	39.17	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.33	216	212943	42.44	ng	99
40) Hexachlorocyclopentadiene	8.31	237	25463	12.54	ng	98

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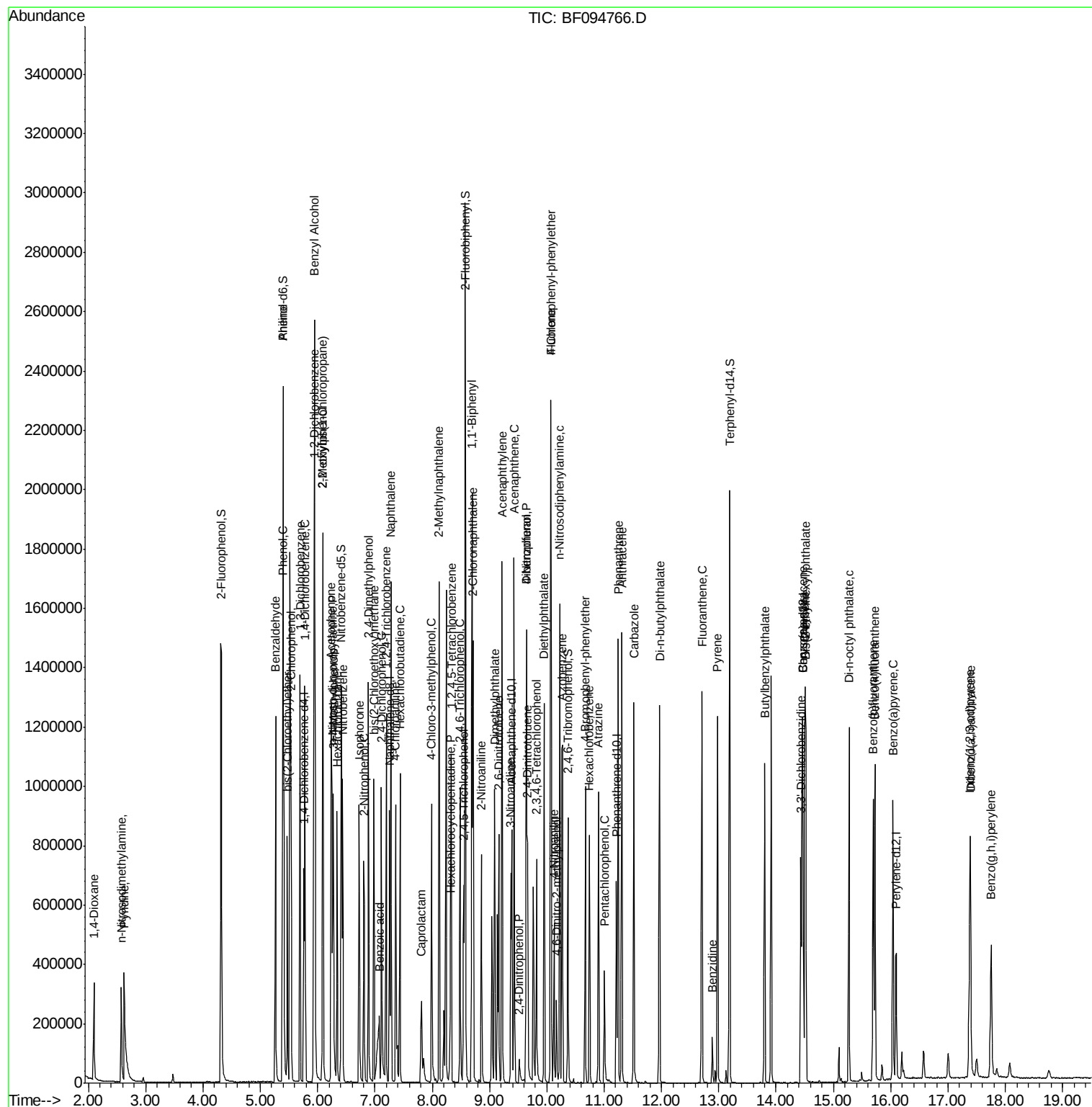
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	148977	42.28	nq	99
43) 2,4,5-Trichlorophenol	8.55	196	151605	41.89	nq	# 93
45) 1,1'-Biphenyl	8.70	154	623621	43.31	nq	99
46) 2-Chloronaphthalene	8.71	162	476724	41.64	nq	94
47) 2-Nitroaniline	8.86	65	132906	40.36	nq	86
48) Acenaphthylene	9.22	152	746502	41.83	nq	99
49) Dimethylphthalate	9.09	163	572631	43.60	nq	99
50) 2,6-Dinitrotoluene	9.17	165	122418	41.53	nq	97
51) Acenaphthene	9.43	154	411424	38.49	nq	99
52) 3-Nitroaniline	9.37	138	129520	37.98	nq	90
53) 2,4-Dinitrophenol	9.52	184	18411	16.44	nq	# 77
54) Dibenzofuran	9.65	168	635746	40.92	nq	96
55) 4-Nitrophenol	9.64	139	327567	135.96	nq	# 42
56) 2,4-Dinitrotoluene	9.67	165	150916	41.73	nq	# 97
57) Fluorene	10.07	166	482713	39.90	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.82	232	105830	40.80	nq	# 96
59) Diethylphthalate	9.95	149	520892	42.04	nq	99
60) 4-Chlorophenyl-phenylether	10.07	204	217909	43.28	nq	94
61) 4-Nitroaniline	10.12	138	108571	31.32	nq	97
62) Azobenzene	10.27	77	478691	39.79	nq	96
64) 4,6-Dinitro-2-methylphenol	10.17	198	43123	24.68	nq	# 74
65) n-Nitrosodiphenylamine	10.22	169	433654	46.76	nq	99
66) 4-Bromophenyl-phenylether	10.67	248	125698	47.47	nq	99
67) Hexachlorobenzene	10.74	284	120349	45.10	nq	# 85
68) Atrazine	10.90	200	127150	45.83	nq	96
69) Pentachlorophenol	11.00	266	51958	49.03	nq	98
70) Phenanthrene	11.24	178	623463	41.52	nq	99
71) Anthracene	11.31	178	653332	42.06	nq	99
72) Carbazole	11.52	167	566937	38.88	nq	97
73) Di-n-butylphthalate	11.97	149	764609	47.63	nq	99
74) Fluoranthene	12.71	202	601769	38.66	nq	99
76) Benzidine	12.88	184	74229	8.88	nq	# 93
77) Pyrene	12.98	202	601500	41.71	nq	98
79) Butylbenzylphthalate	13.80	149	286370	45.31	nq	88
80) Benzo(a)anthracene	14.45	228	500418	41.71	nq	98
81) 3,3'-Dichlorobenzidine	14.43	252	166592	39.22	nq	# 96
82) Chrysene	14.50	228	457561	41.73	nq	97
83) Bis(2-ethylhexyl)phthalate	14.52	149	417320	49.18	nq	# 99
84) Di-n-octyl phthalate	15.27	149	711666	50.00	nq	96
85) Indeno(1,2,3-cd)pyrene	17.38	276	387847	37.18	nq	99
87) Benzo(b)fluoranthene	15.69	252	430787	39.95	nq	99
88) Benzo(k)fluoranthene	15.72	252	437471	42.87	nq	# 94
89) Benzo(a)pyrene	16.04	252	409354	40.81	nq	98
90) Dibenzo(a,h)anthracene	17.39	278	326643	39.21	nq	98
91) Benzo(g,h,i)perylene	17.75	276	323636	38.16	nq	97

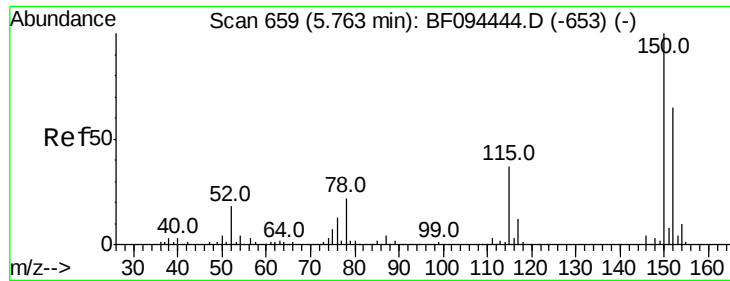
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.76 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

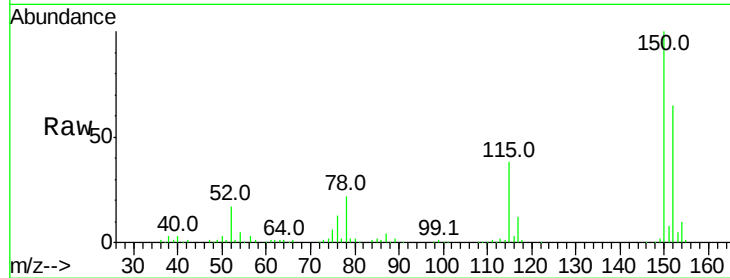
Tot Ion:152 Resp: 108522

Ion Ratio Lower Upper

152 100

150 154.4 126.2 189.2

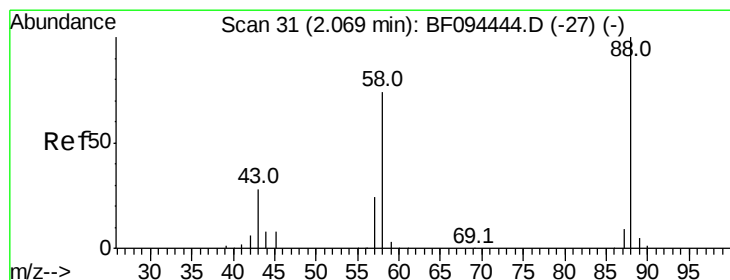
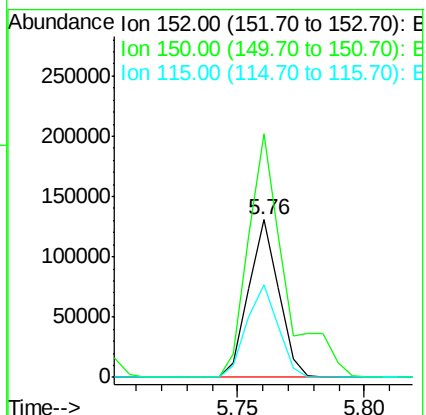
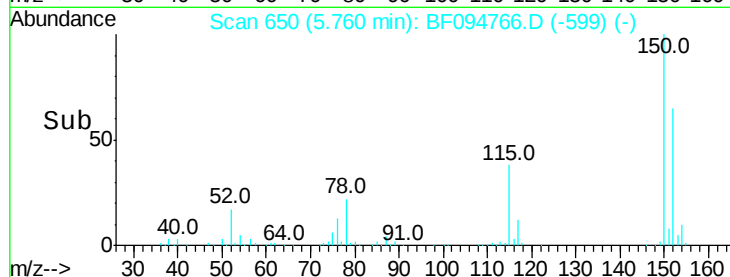
115 58.9 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.39 ng

RT: 2.10 min Scan# 27

Delta R.T. 0.03 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

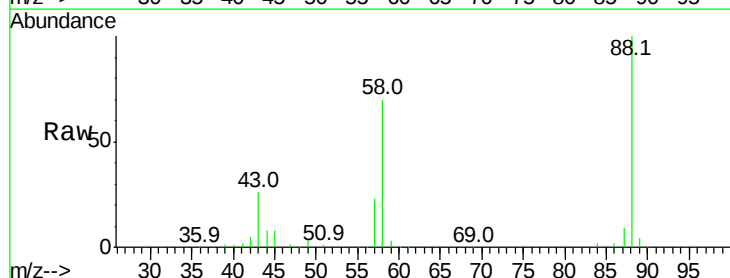
Tgt Ion: 88 Resp: 153650

Ion Ratio Lower Upper

88 100

58 70.6 61.4 92.0

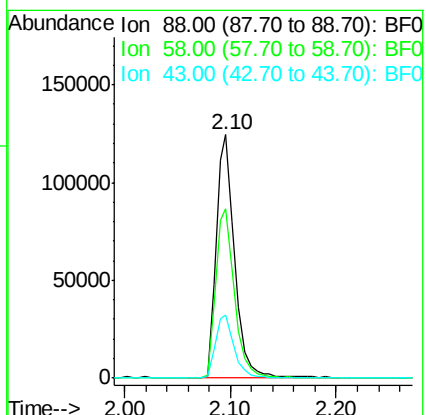
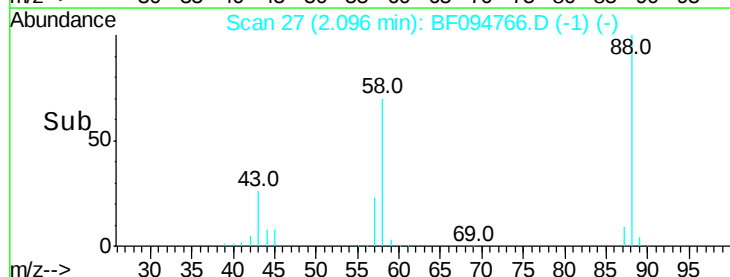
43 26.5 23.4 35.0

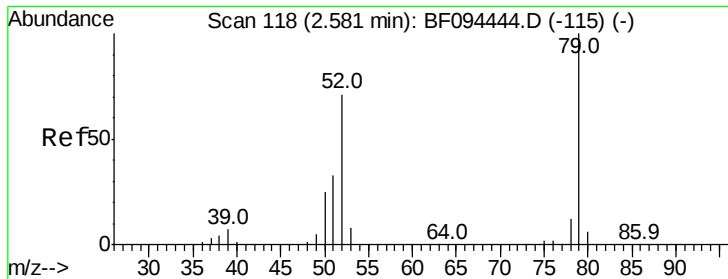


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 34.13 ng

RT: 2.62 min Scan# 116

Delta R.T. 0.04 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

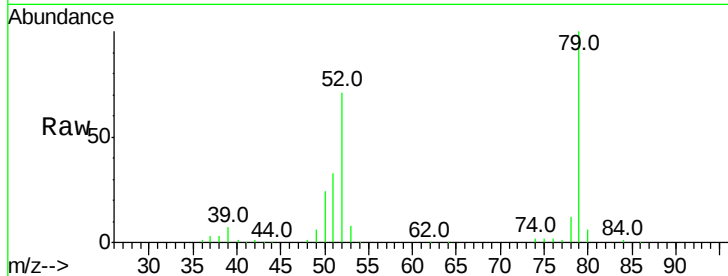
Tot Ion: 79 Resp: 283754

Ion Ratio Lower Upper

79 100

52 70.9 54.8 82.2

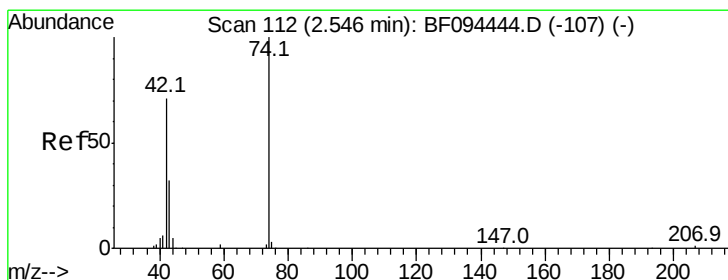
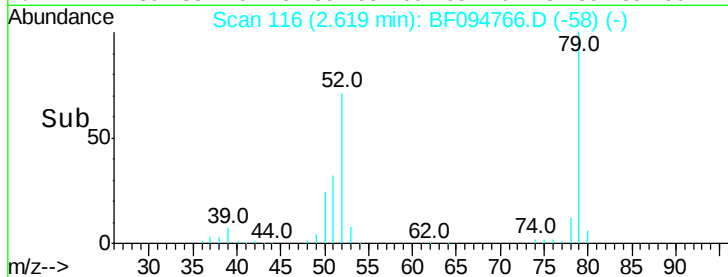
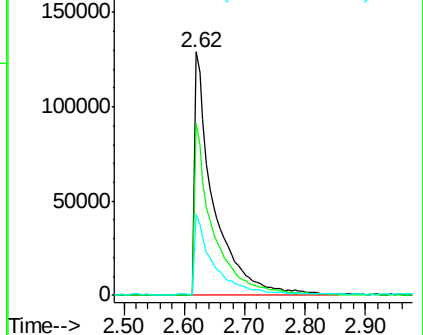
51 33.1 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.18 ng

RT: 2.58 min Scan# 109

Delta R.T. 0.03 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

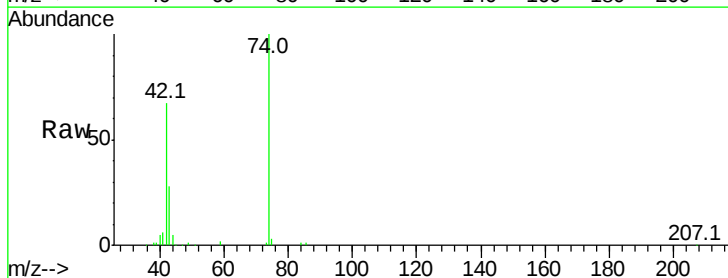
Tgt Ion: 42 Resp: 124483

Ion Ratio Lower Upper

42 100

74 149.7 103.9 155.9

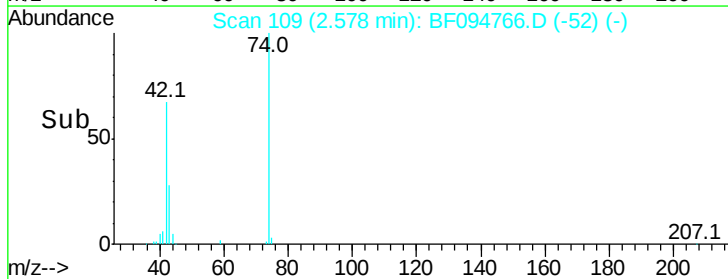
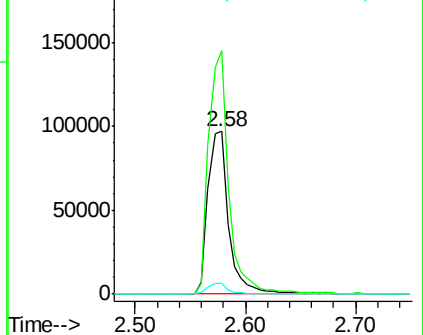
44 6.8 5.7 8.5

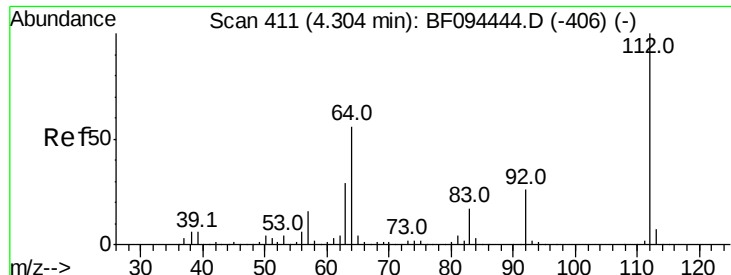


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 79.89 ng

RT: 4.32 min Scan# 405

Delta R.T. 0.02 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :
BNA_F
ClientSampled :

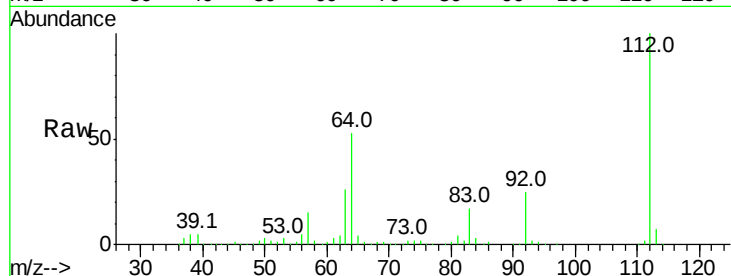
Tot Ion:112 Resp: 522569

Ion Ratio Lower Upper

112 100

64 53.4 46.0 69.0

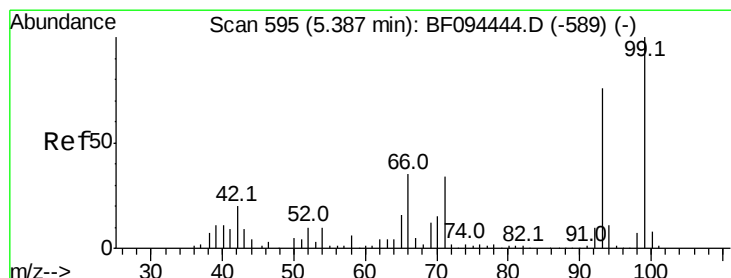
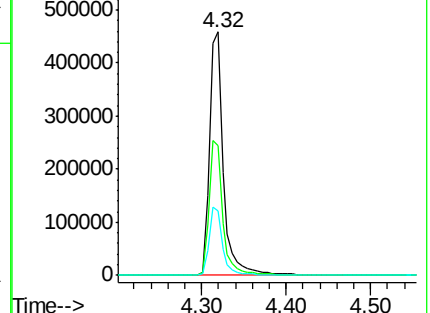
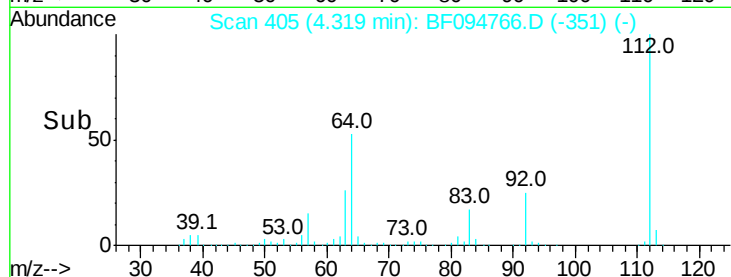
63 26.2 23.4 35.0



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: 32.32 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

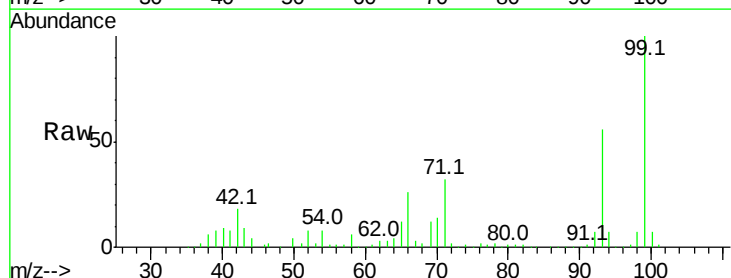
Tgt Ion: 93 Resp: 331261

Ion Ratio Lower Upper

93 100

66 47.0 32.9 49.3

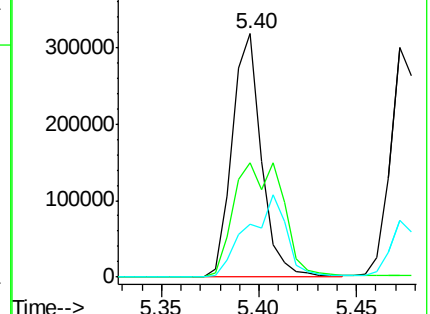
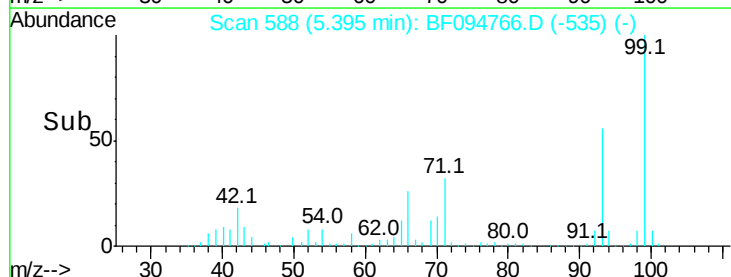
65 21.8 16.0 24.0

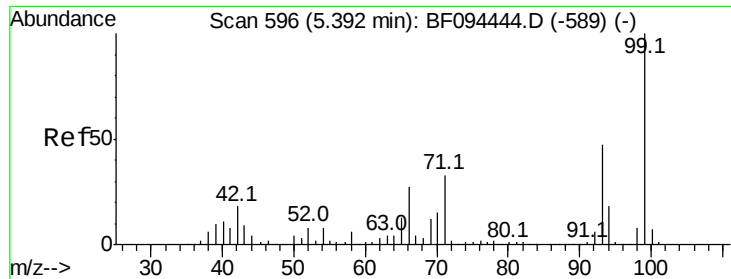


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.10 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

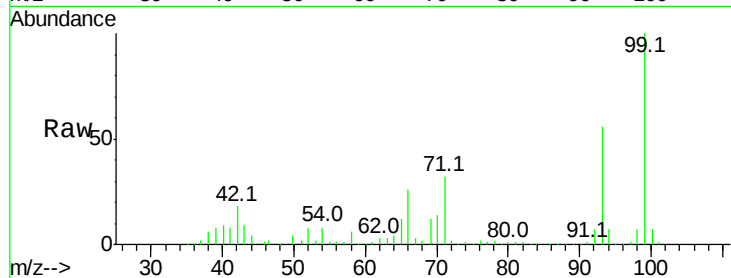
Tot Ion: 99 Resp: 586808

Ion Ratio Lower Upper

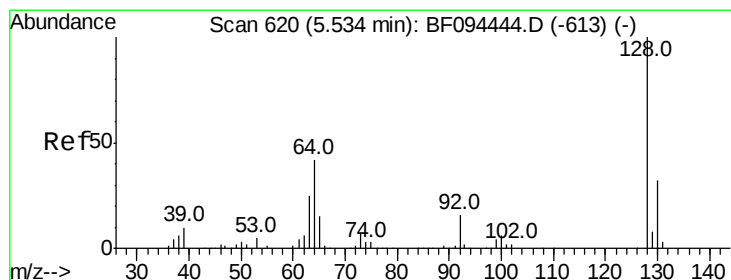
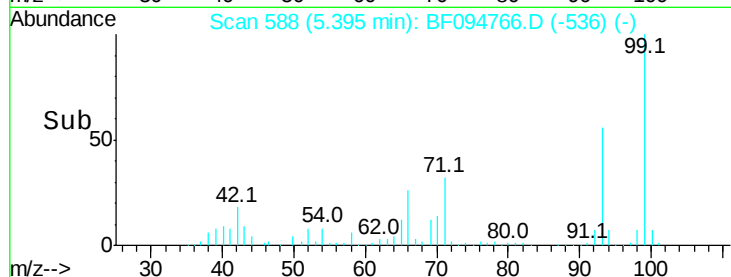
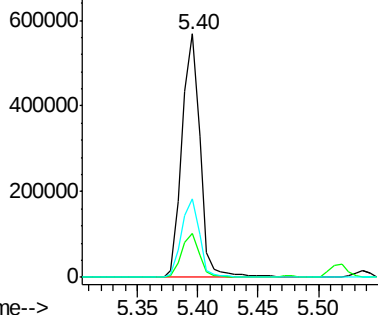
99 100

42 17.8 13.5 20.3

71 32.0 24.5 36.7



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: 40.38 ng

RT: 5.54 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

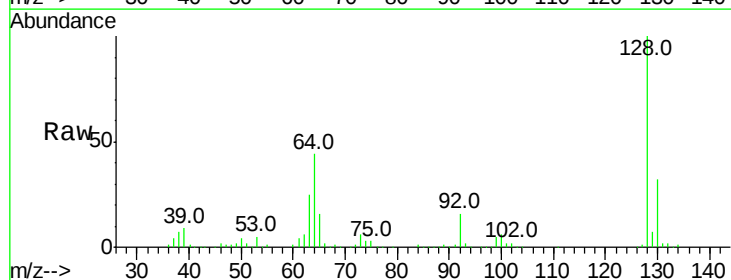
Tgt Ion:128 Resp: 300541

Ion Ratio Lower Upper

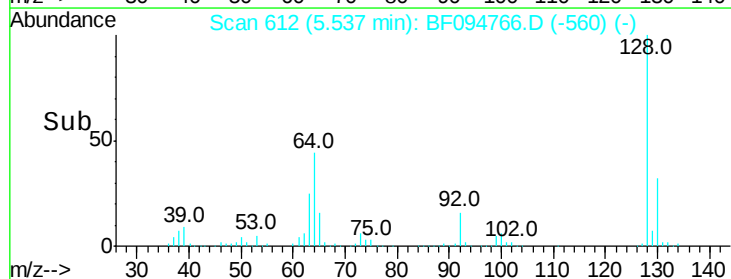
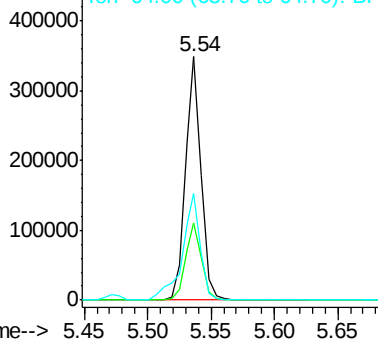
128 100

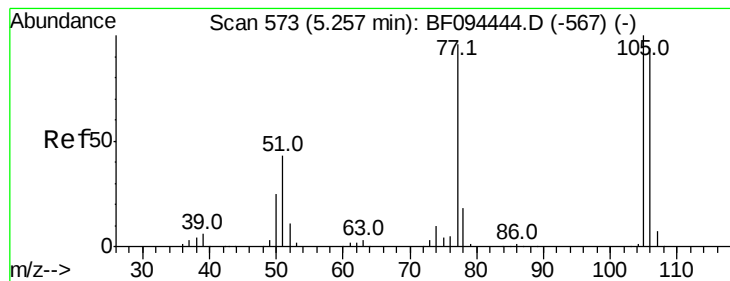
130 31.9 12.9 52.9

64 43.8 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 42.87 ng

RT: 5.27 min Scan# 566

Delta R.T. 0.01 min

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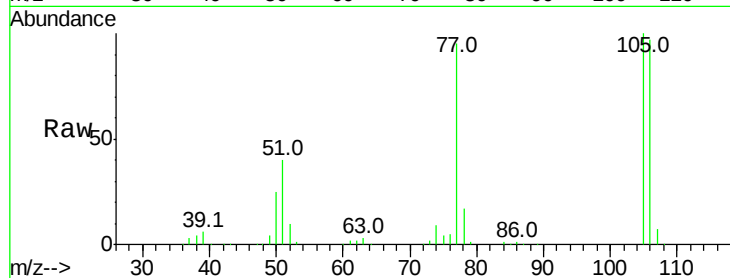
Tot Ion: 77 Resp: 251457

Ion Ratio Lower Upper

77 100

105 105.7 83.8 123.8

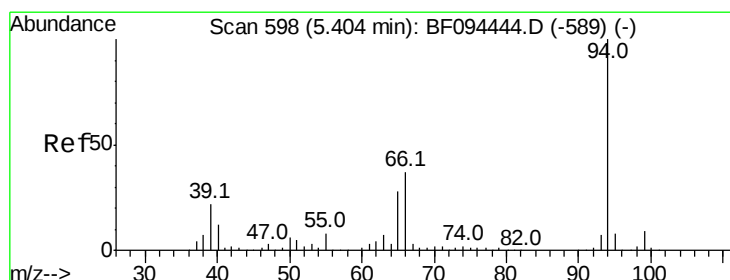
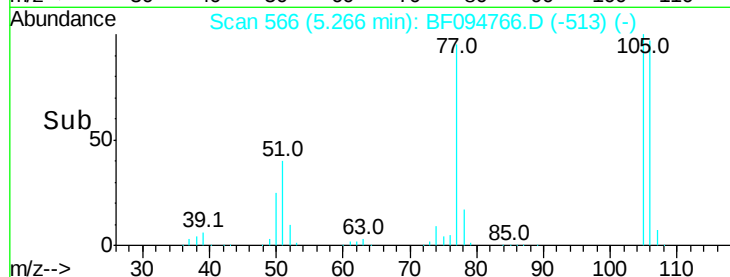
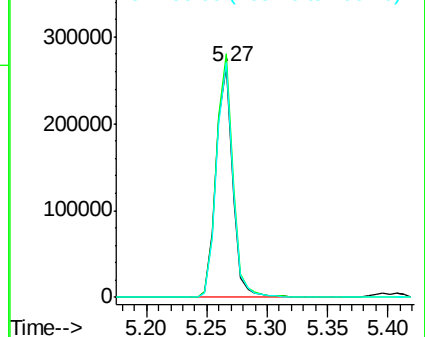
106 102.1 79.1 119.1



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: 37.36 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

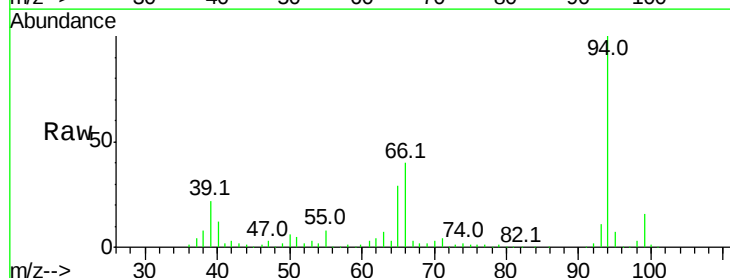
Tgt Ion: 94 Resp: 353950

Ion Ratio Lower Upper

94 100

65 28.6 9.9 49.9

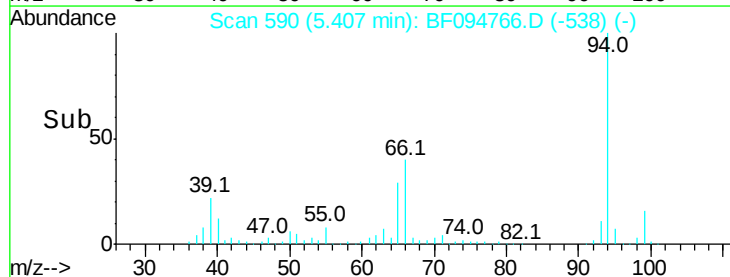
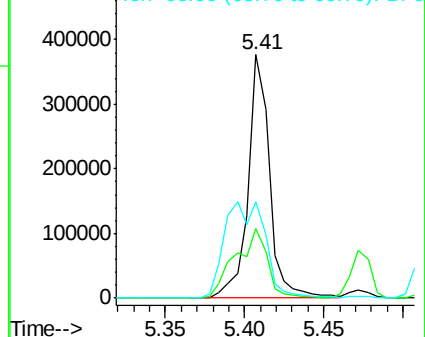
66 39.7 23.1 63.1

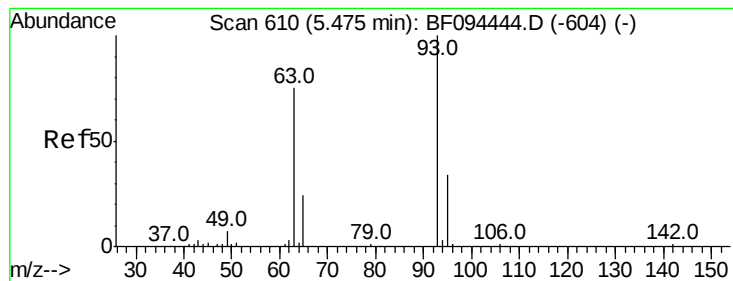


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.98 ng

RT: 5.47 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

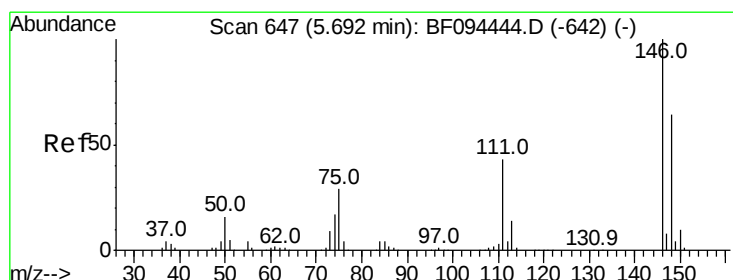
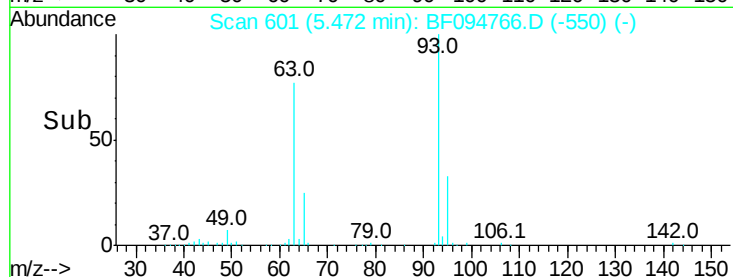
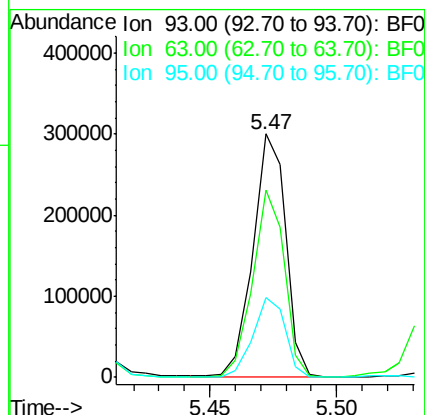
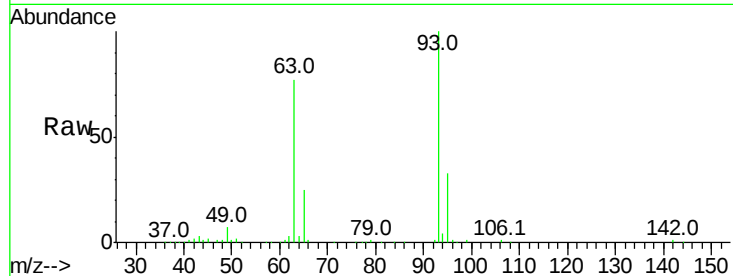
Tot Ion: 93 Resp: 269774

Ion Ratio Lower Upper

93 100

63 76.7 59.2 99.2

95 32.9 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.94 ng

RT: 5.70 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

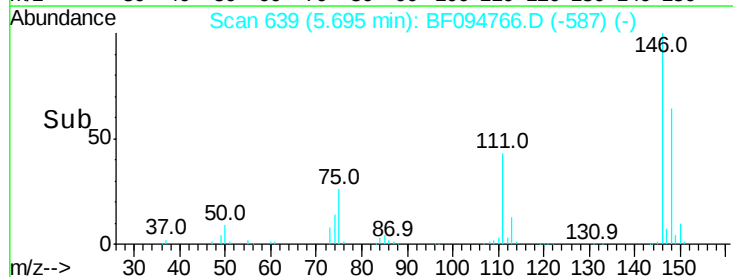
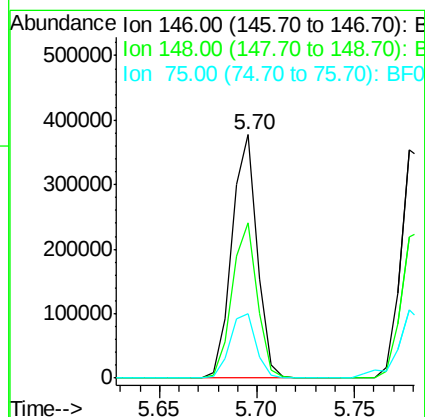
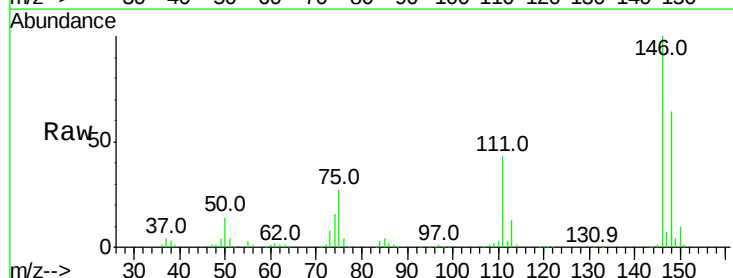
Tgt Ion: 146 Resp: 337622

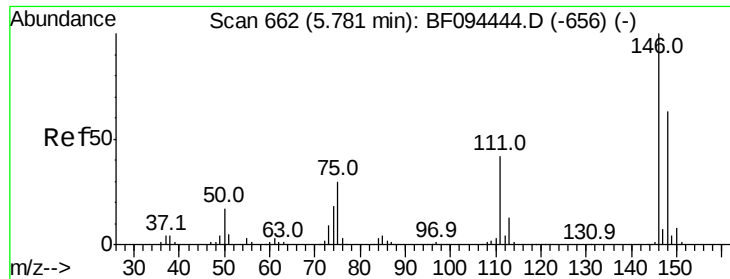
Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.6

75 26.6 23.1 34.7

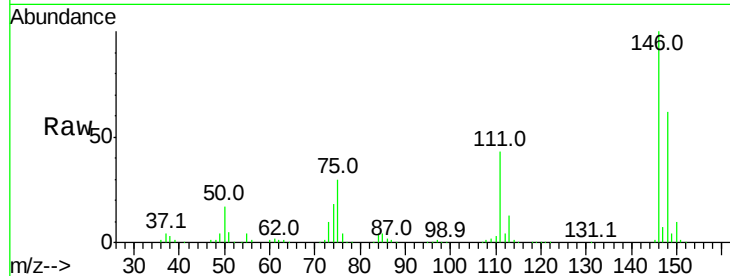




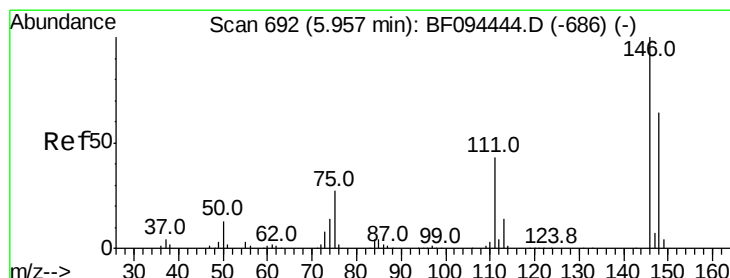
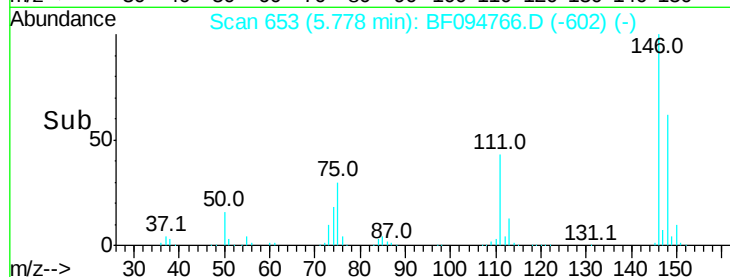
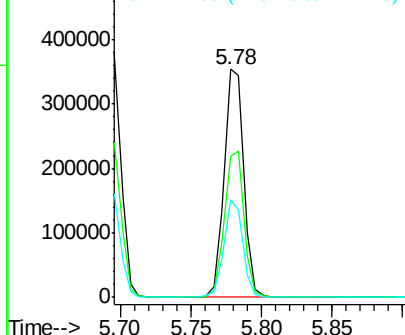
#13
 1,4-Dichlorobenzene
 Concen: 41.08 ng
 RT: 5.78 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 340839
 Ion Ratio Lower Upper
 146 100
 148 61.8 52.2 78.2
 111 42.7 30.3 45.5

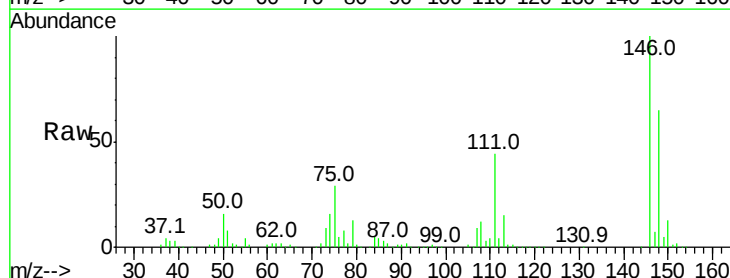


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

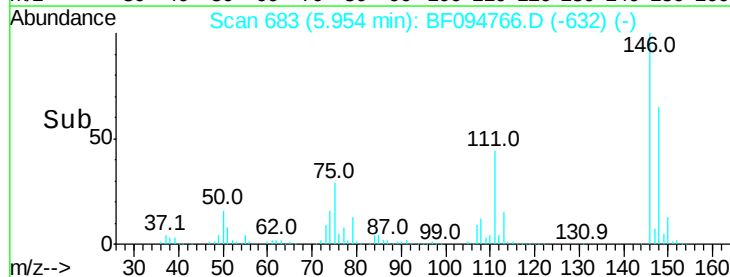
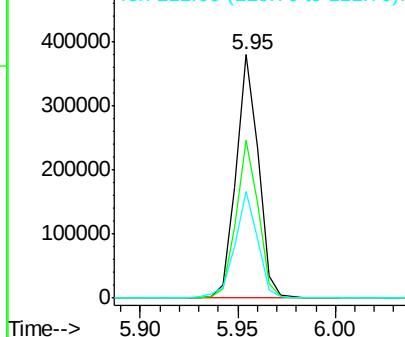


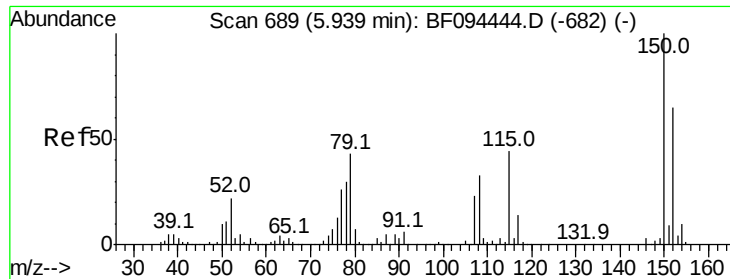
#14
 1,2-Dichlorobenzene
 Concen: 39.48 ng
 RT: 5.95 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion:146 Resp: 301755
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.4 75.6
 111 43.9 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

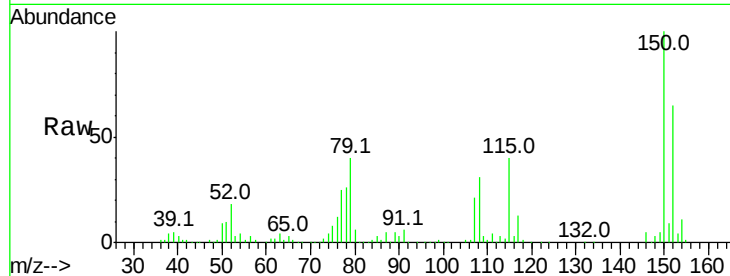




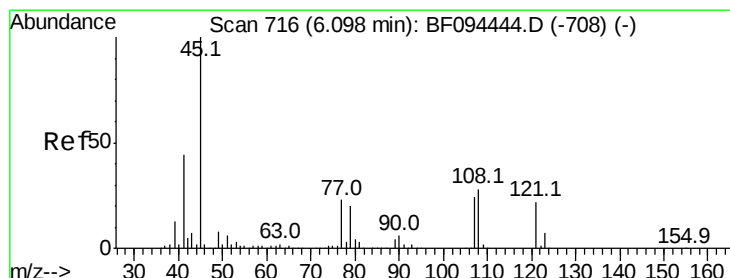
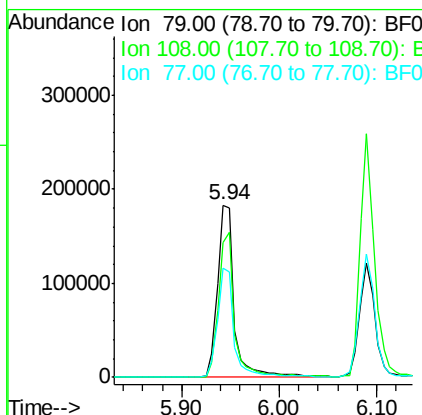
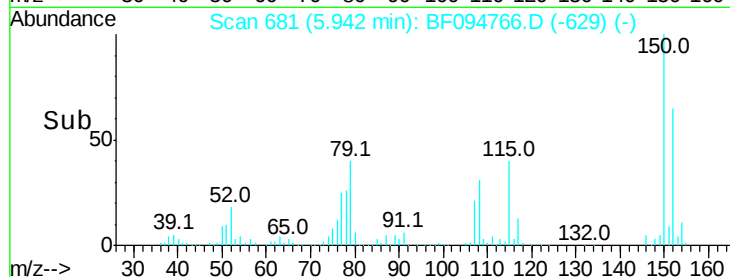
#15
Benzyl Alcohol
Concen: 38.60 ng
RT: 5.94 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 220823
Ion Ratio Lower Upper
79 100
108 78.6 63.4 95.0
77 63.3 49.2 73.8

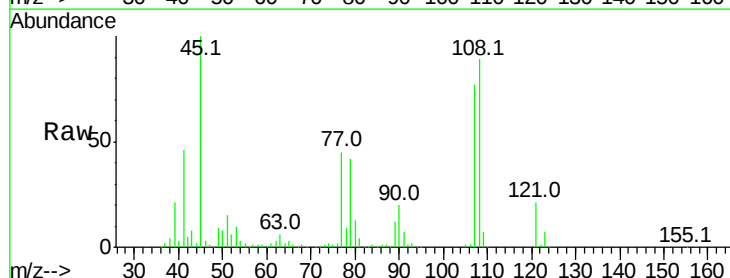


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

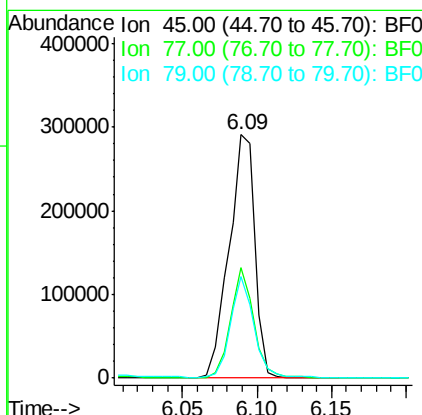
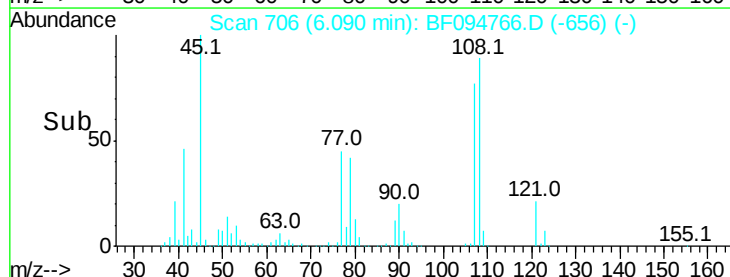


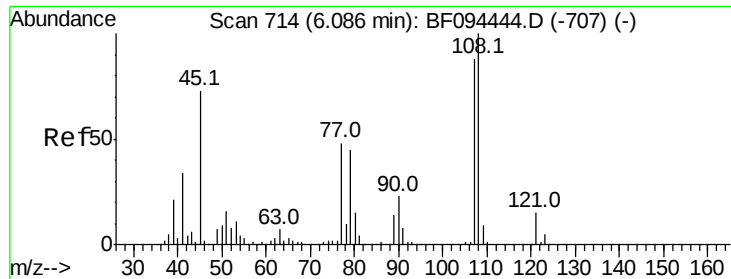
#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.11 ng
RT: 6.09 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

Tgt Ion: 45 Resp: 354898
Ion Ratio Lower Upper
45 100
77 45.3 0.0 33.2#
79 41.8 0.0 30.0#



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

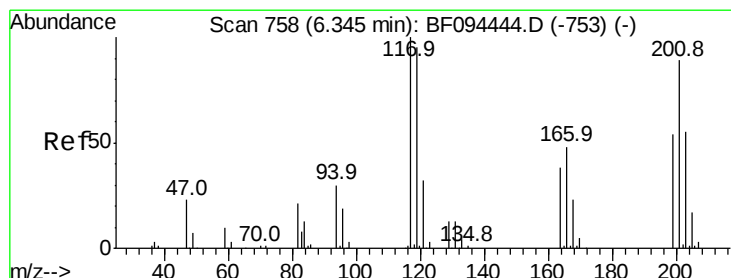
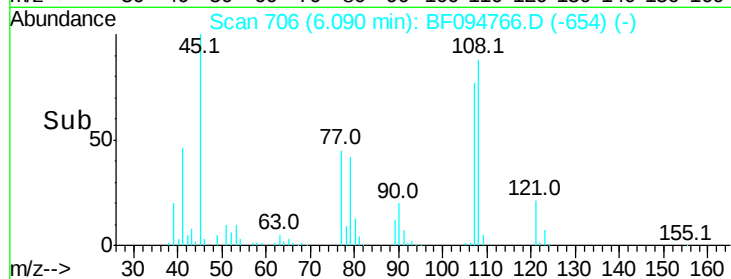
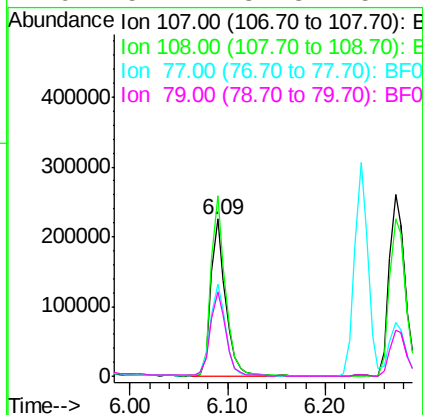
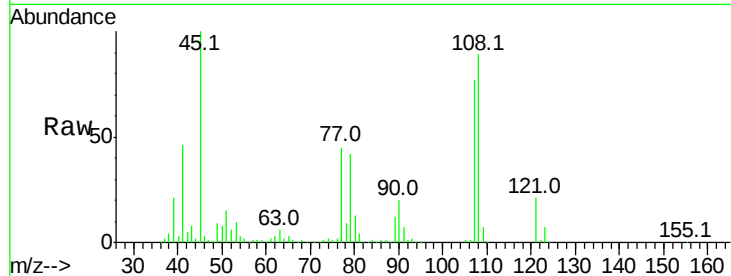




#17
2-Methylphenol
Concen: 40.01 ng
RT: 6.09 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

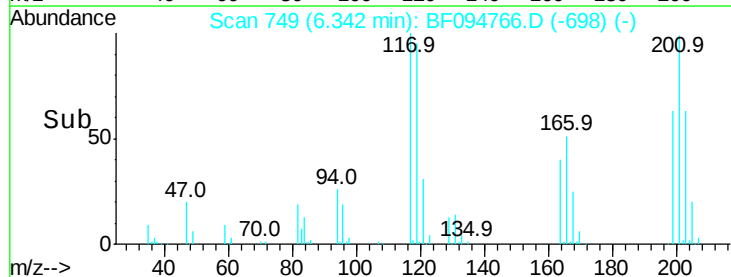
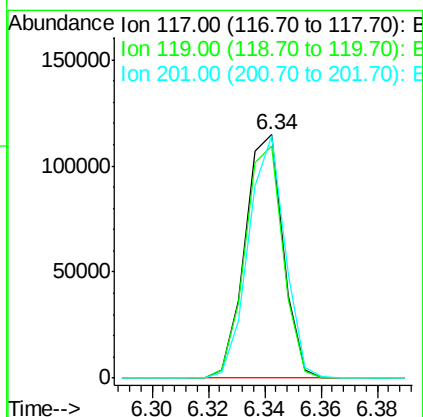
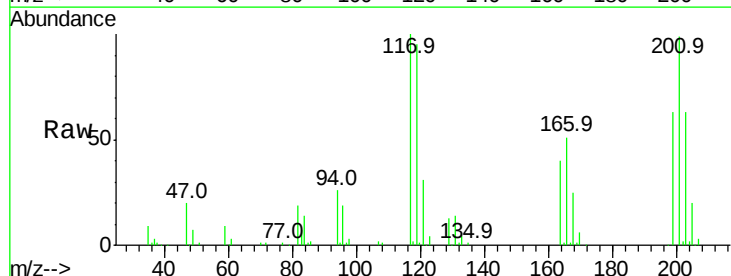
Instrument :
BNA_F
ClientSampleId :

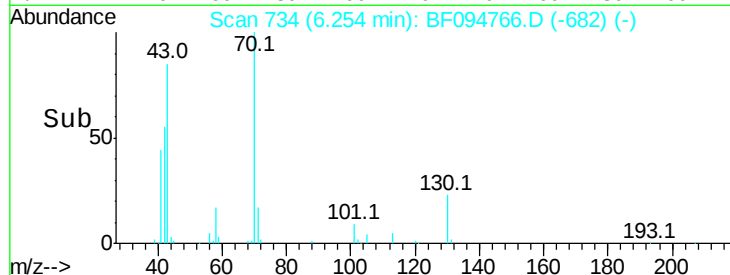
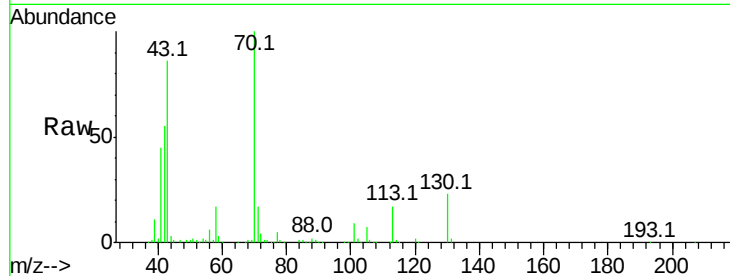
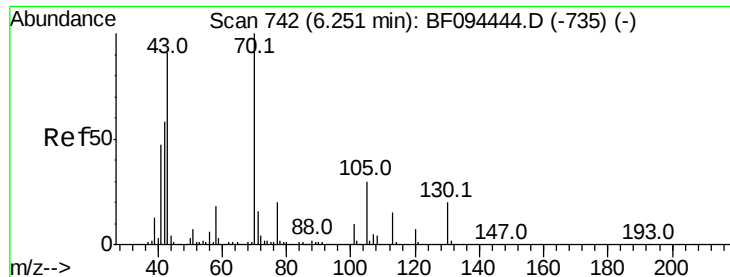
Tot Ion:107 Resp: 234573
Ion Ratio Lower Upper
107 100
108 115.2 93.4 140.0
77 58.6 35.8 53.6#
79 54.1 34.8 52.2#



#18
Hexachloroethane
Concen: 37.87 ng
RT: 6.34 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

Tgt Ion:117 Resp: 107701
Ion Ratio Lower Upper
117 100
119 95.1 77.4 116.0
201 99.4 94.6 141.8

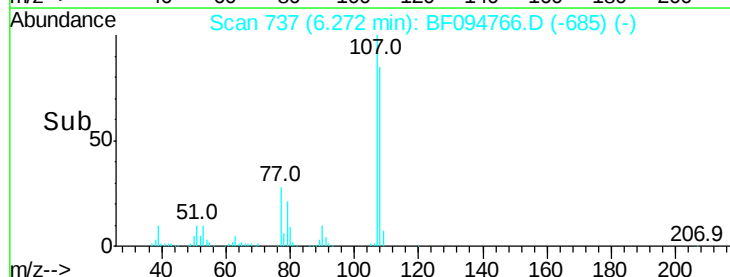
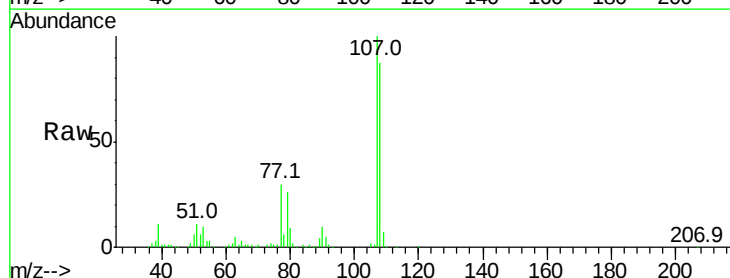
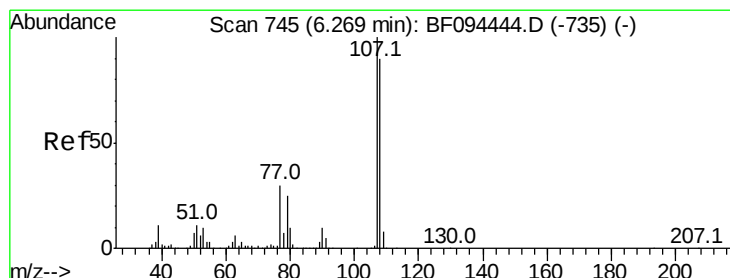
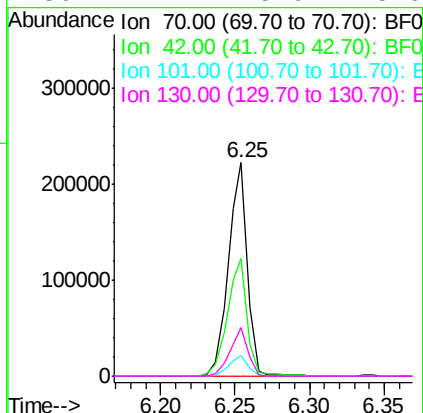




#19
n-Nitroso-di-n-propylamine
Concen: 39.11 ng
RT: 6.25 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

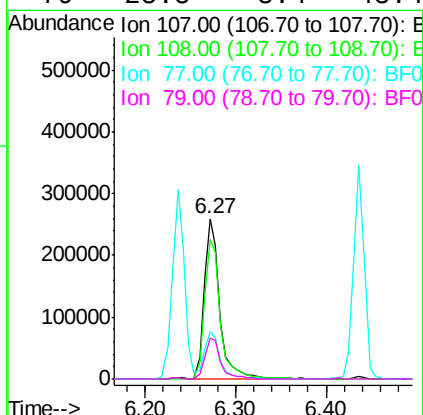
Instrument :
BNA_F
ClientSampleId :

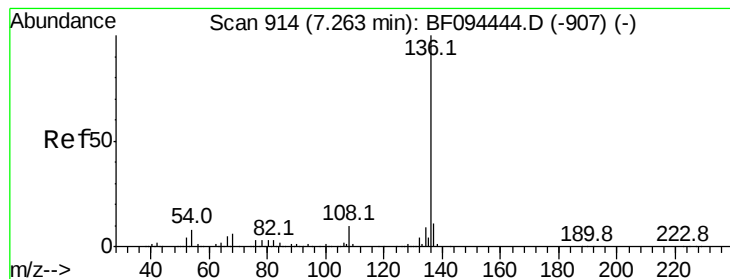
Tot Ion: 70 Resp: 199814
Ion Ratio Lower Upper
70 100
42 55.2 47.2 70.8
101 9.4 7.2 10.8
130 22.7 15.9 23.9



#20
3+4-Methylphenols
Concen: 38.82 ng
RT: 6.27 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

Tgt Ion:107 Resp: 309232
Ion Ratio Lower Upper
107 100
108 86.8 71.0 111.0
77 29.9 90.5 130.5#
79 25.5 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 418484

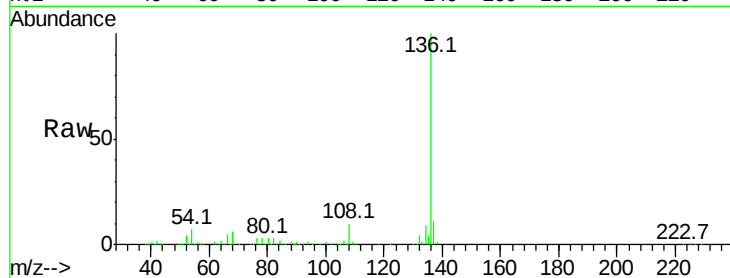
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.3 4.9 7.3

68 5.8 4.1 6.1

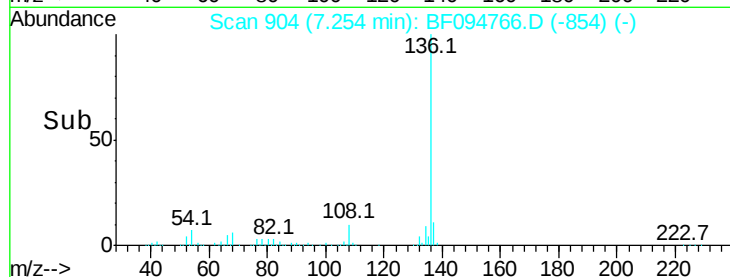


Abundance Ion 136.00 (135.70 to 136.70): E

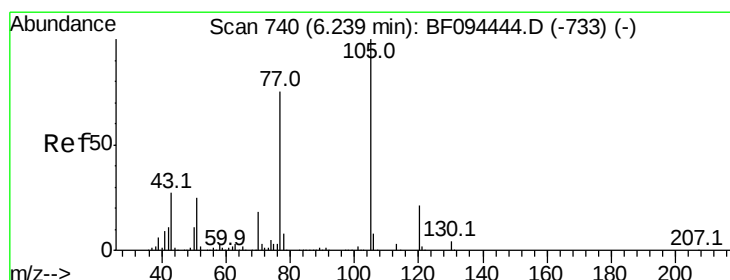
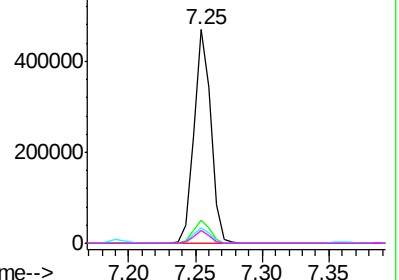
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 39.74 ng

RT: 6.24 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Tgt Ion:105 Resp: 404374

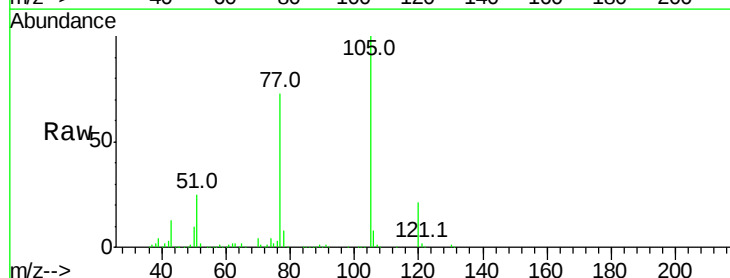
Ion Ratio Lower Upper

105 100

71 0.7 2.8 4.2#

51 24.8 30.7 46.1#

120 21.3 17.4 26.0

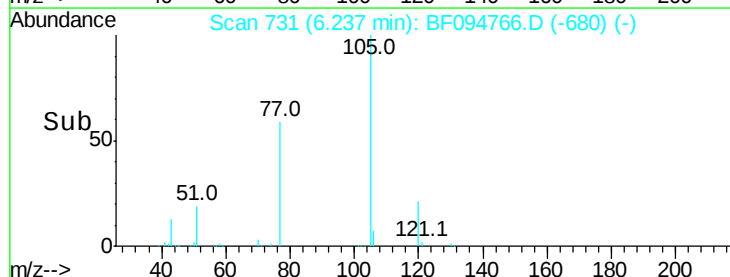


Abundance Ion 105.00 (104.70 to 105.70): E

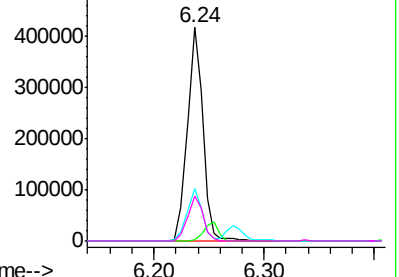
Ion 71.00 (70.70 to 71.70): BF0

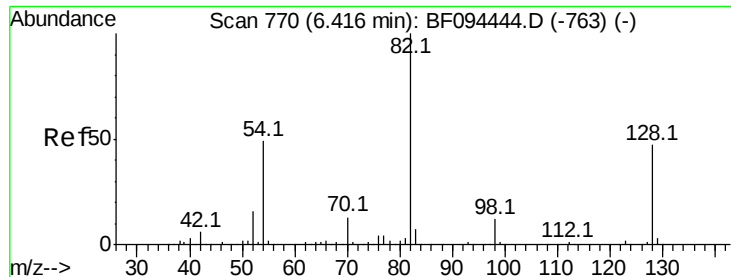
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 79.93 ng

RT: 6.41 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

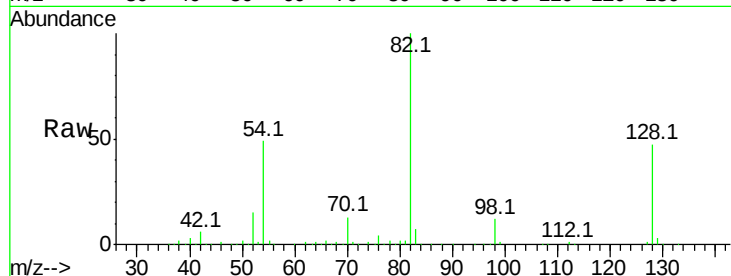
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 541717

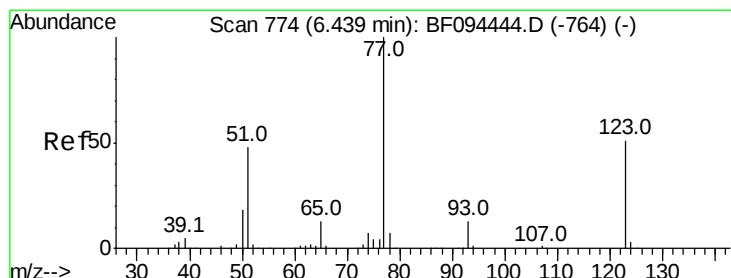
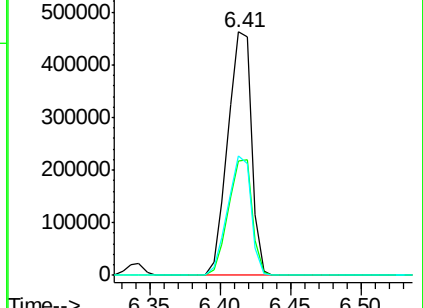
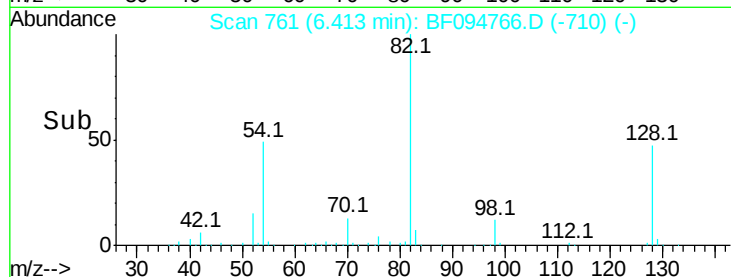
Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.0	51.0
54	49.2	42.2	63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 38.52 ng

RT: 6.44 min Scan# 765

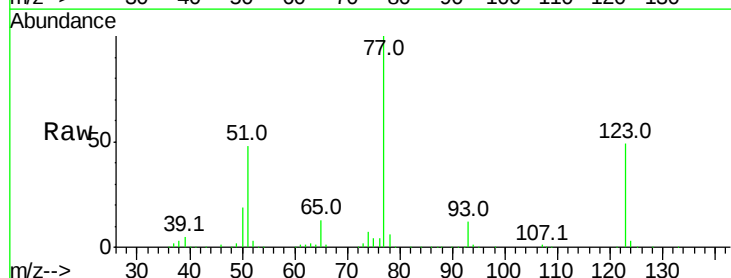
Delta R.T. -0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Tgt Ion: 77 Resp: 274940

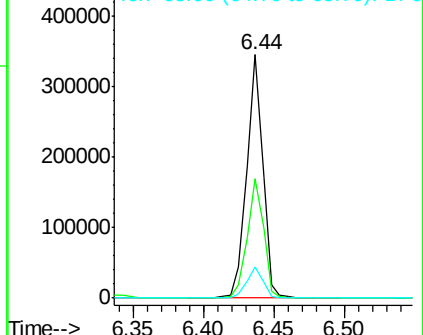
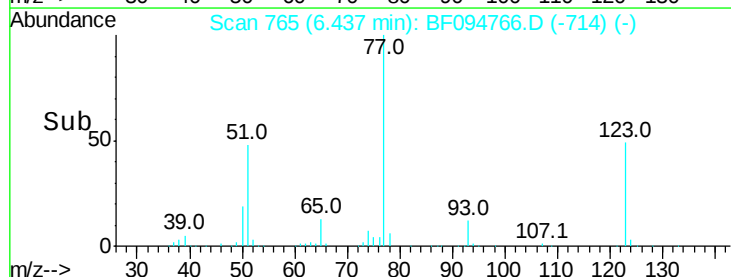
Ion	Ratio	Lower	Upper
77	100		
123	49.2	35.8	53.8
65	13.0	10.6	15.8

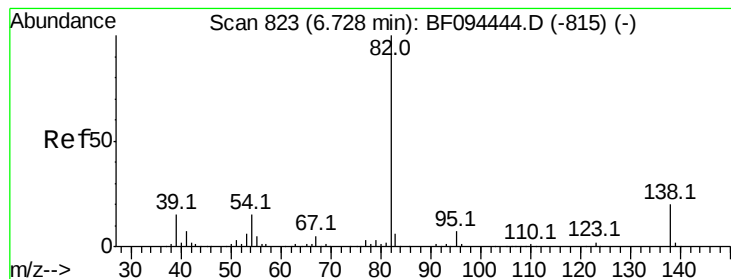


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.22 ng

RT: 6.72 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

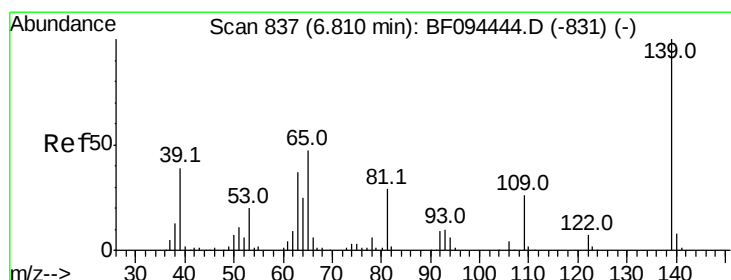
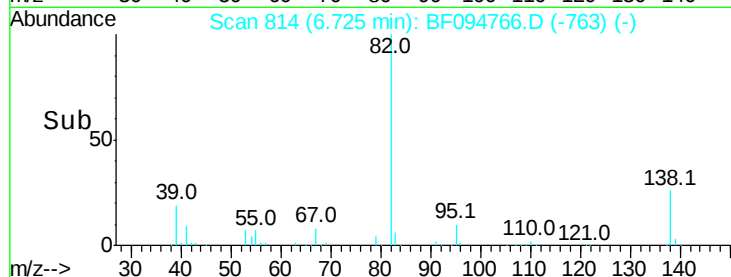
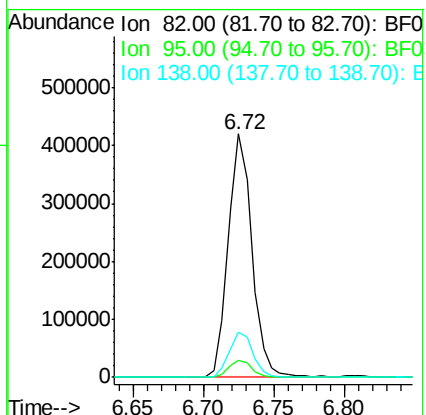
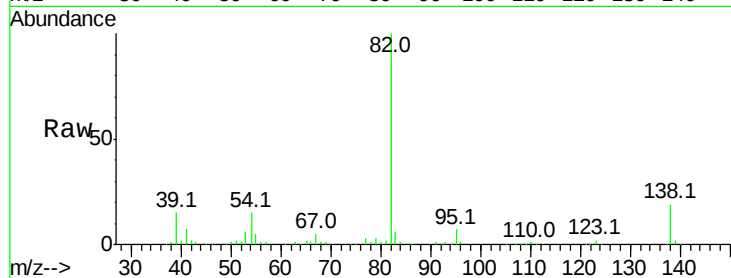
Tot Ion: 82 Resp: 492765

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 18.6 13.1 19.7



#26

2-Nitrophenol

Concen: 40.66 ng

RT: 6.81 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

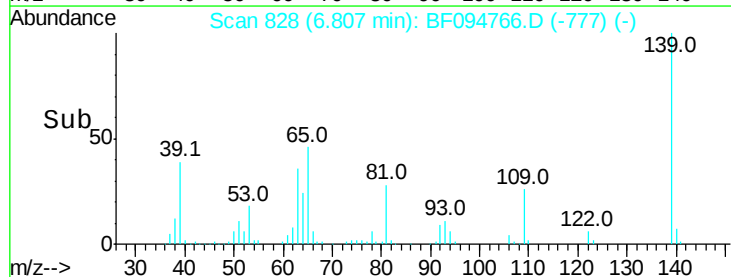
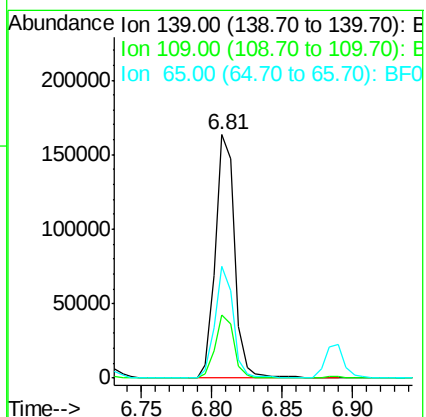
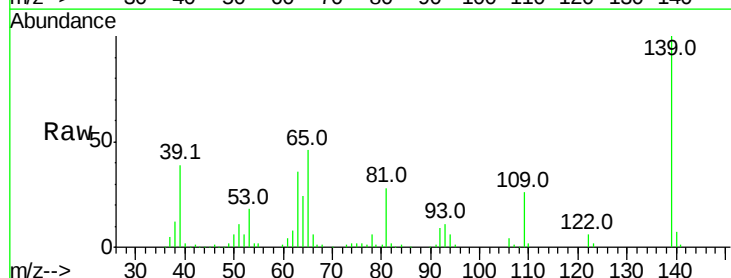
Tgt Ion: 139 Resp: 155900

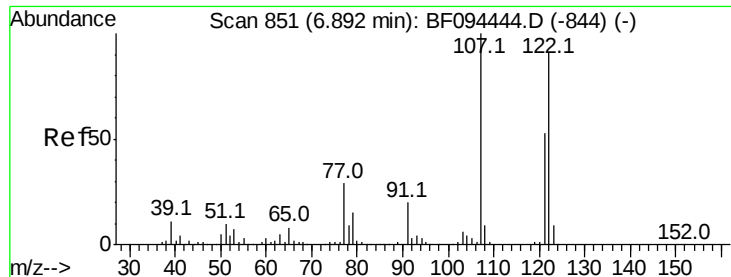
Ion Ratio Lower Upper

139 100

109 25.8 21.0 31.6

65 46.0 33.0 49.6

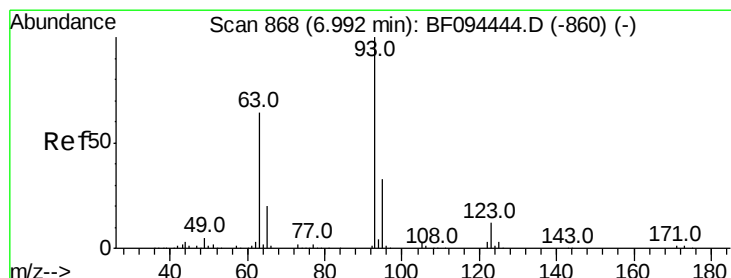
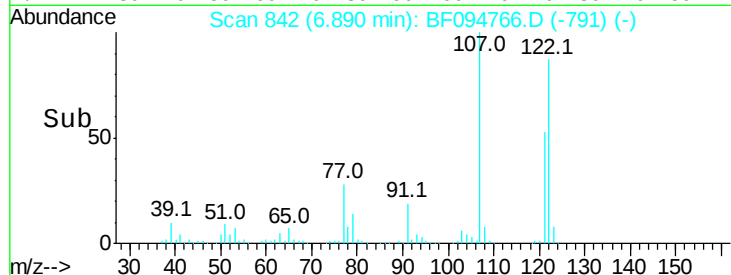
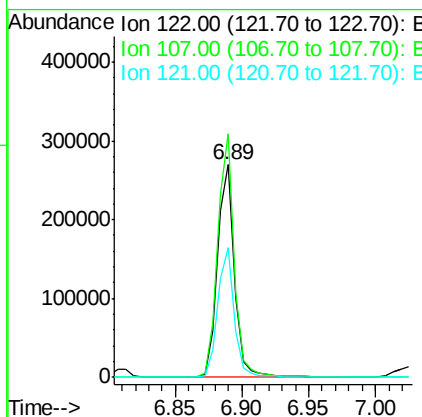
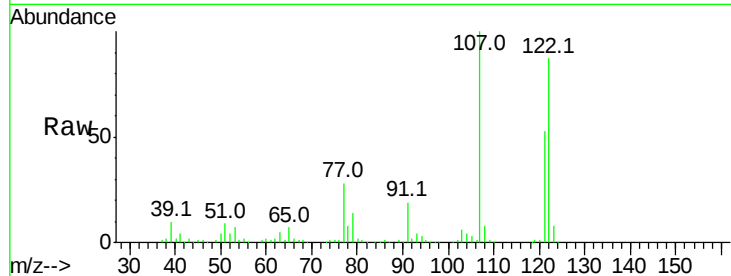




#27
 2,4-Dimethylphenol
 Concen: 39.21 ng
 RT: 6.89 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

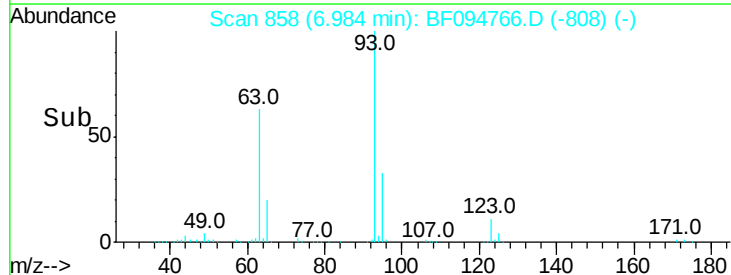
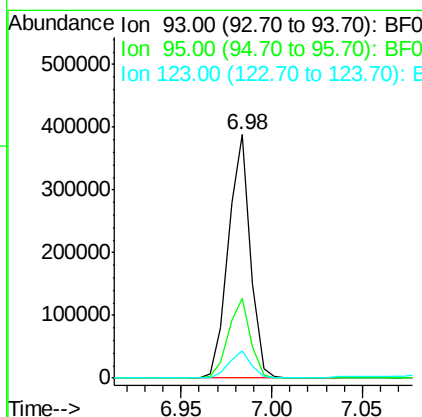
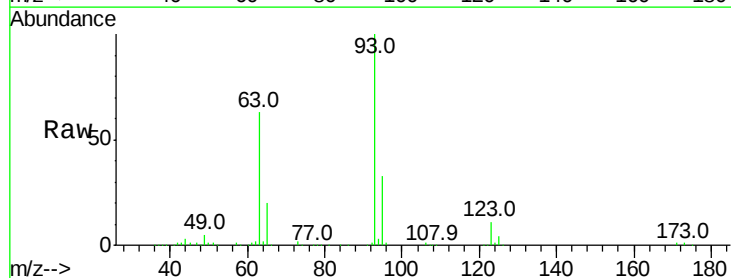
Instrument :
 BNA_F
 ClientSampleId :

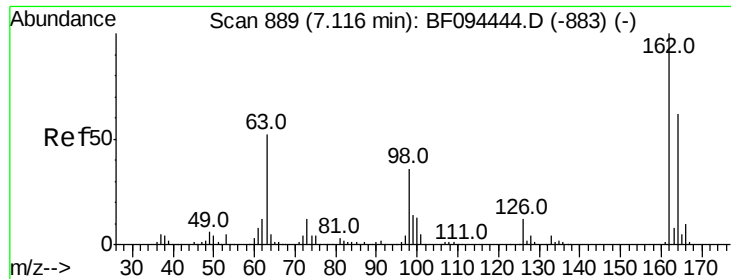
Tot Ion:122 Resp: 244207
 Ion Ratio Lower Upper
 122 100
 107 114.5 89.2 133.8
 121 60.7 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.26 ng
 RT: 6.98 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion: 93 Resp: 327204
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.5 39.7
 123 11.1 9.0 13.4

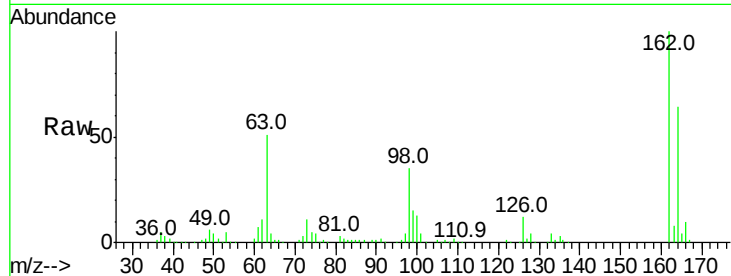




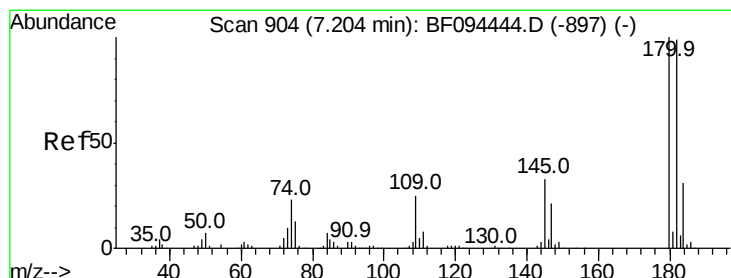
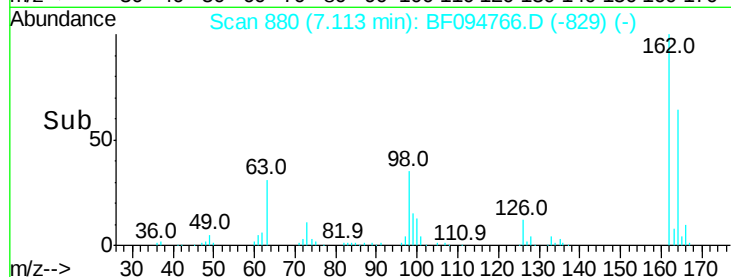
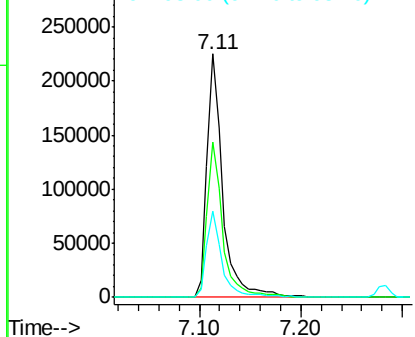
#29
 2,4-Dichlorophenol
 Concen: 41.99 ng
 RT: 7.11 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.6	84.6
98	35.3	14.8	54.8

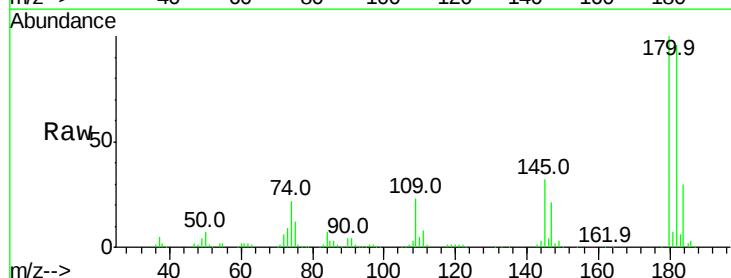


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

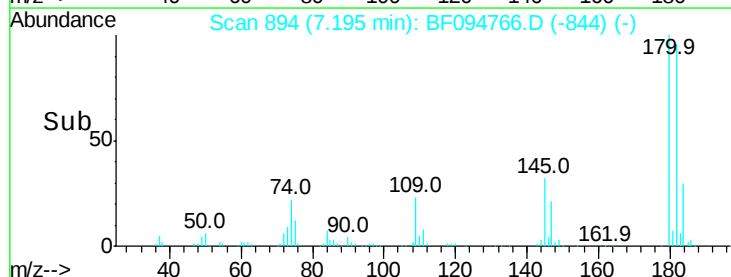
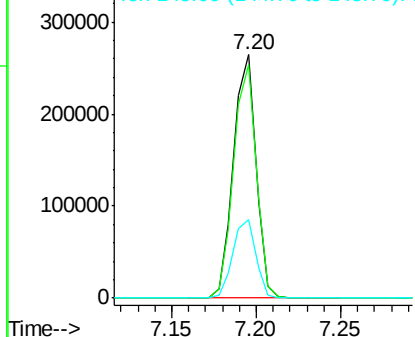


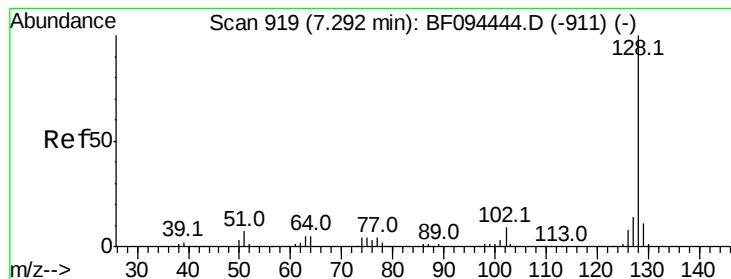
#30
 1,2,4-Trichlorobenzene
 Concen: 41.03 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.8	113.6
145	32.3	25.3	37.9



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





#31

Naphthalene

Concen: 39.59 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

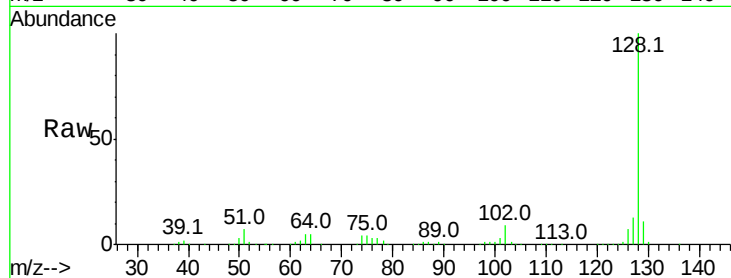
Tot Ion:128 Resp: 796497

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

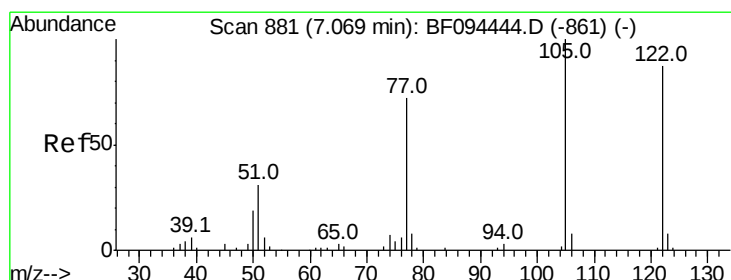
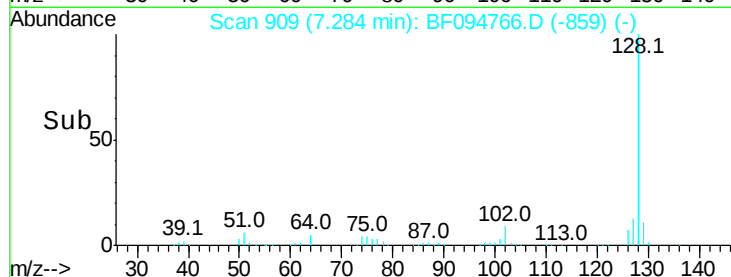
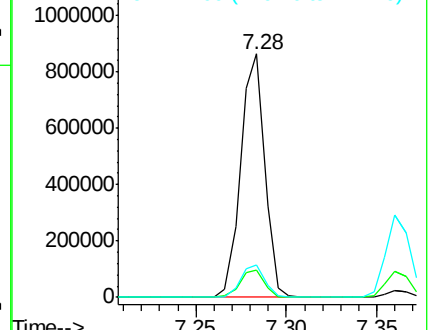
127 13.2 10.8 16.2



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: 39.11 ng

RT: 7.08 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

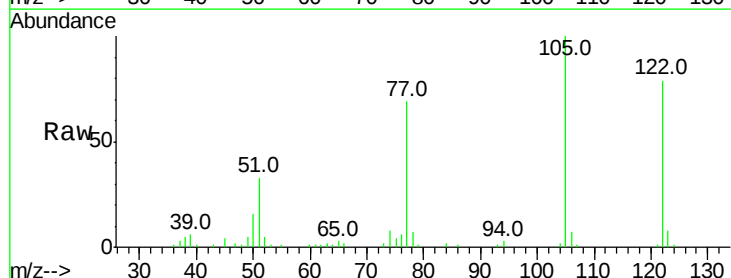
Tgt Ion:122 Resp: 128792

Ion Ratio Lower Upper

122 100

105 127.0 103.3 143.3

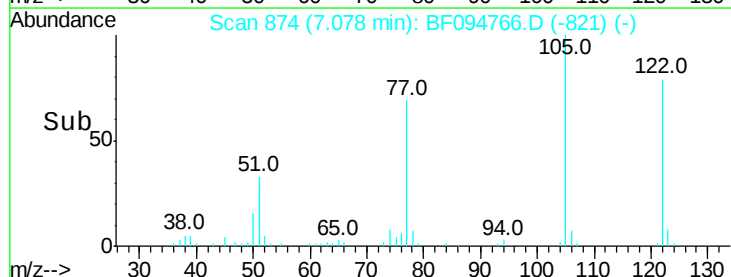
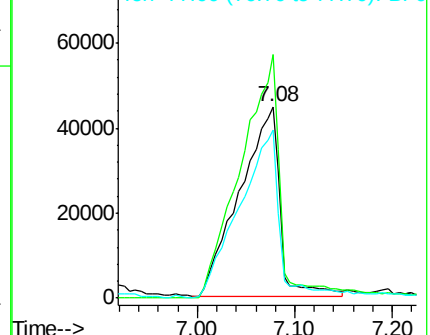
77 88.0 73.7 113.7

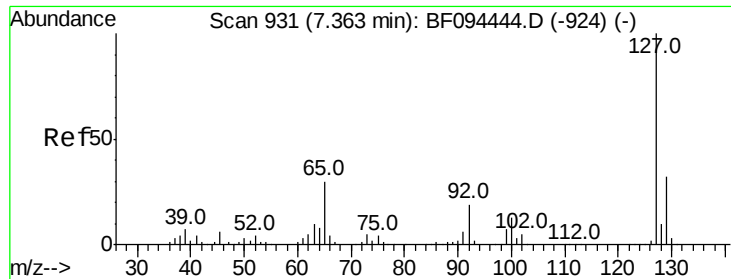


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

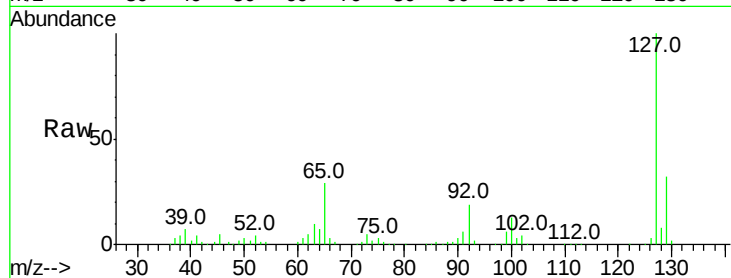




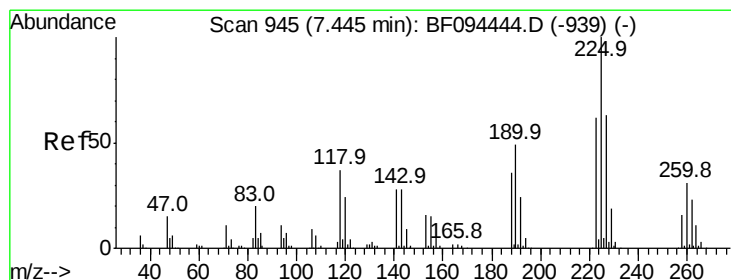
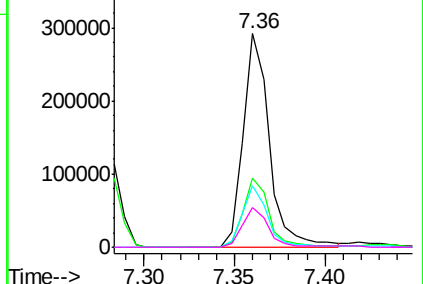
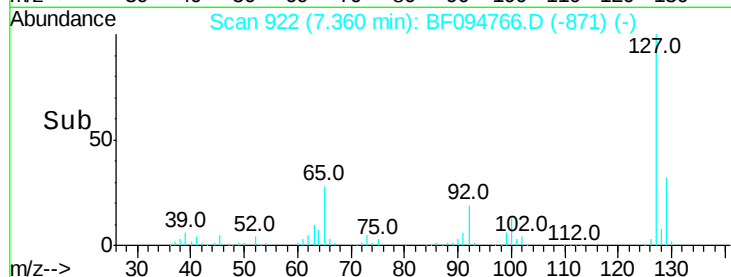
#33
 4-Chloroaniline
 Concen: 34.93 ng
 RT: 7.36 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	292349
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	28.7	27.8	41.8
92	18.9	16.8	25.2

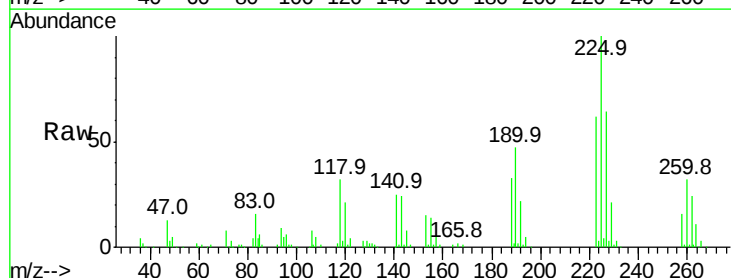


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

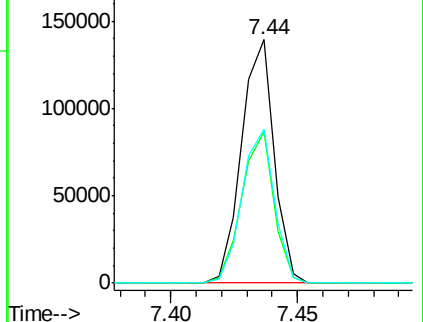
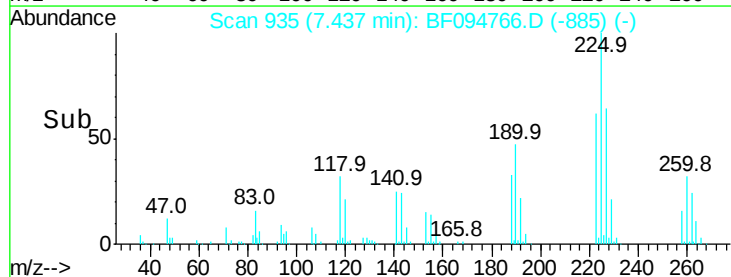


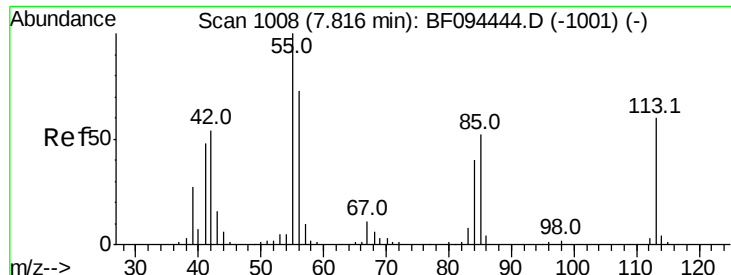
#34
 Hexachlorobutadiene
 Concen: 41.70 ng
 RT: 7.44 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion:	225	Resp:	124524
Ion	Ratio	Lower	Upper
225	100		
223	62.0	48.8	73.2
227	63.5	51.1	76.7



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

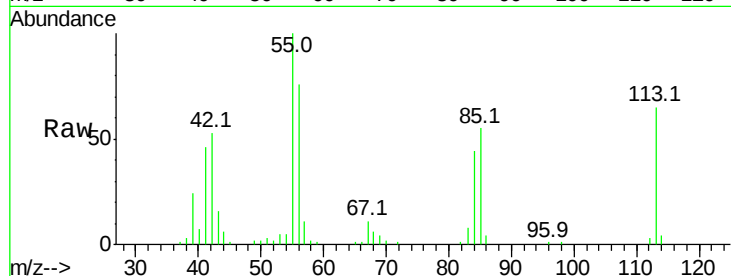




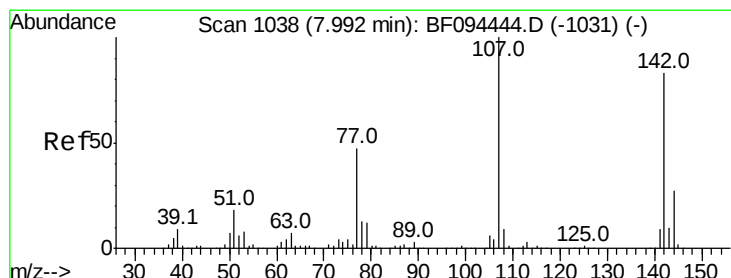
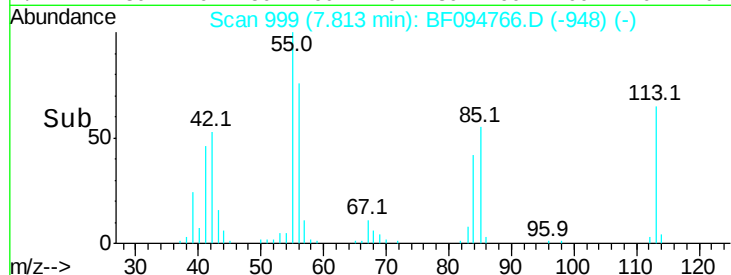
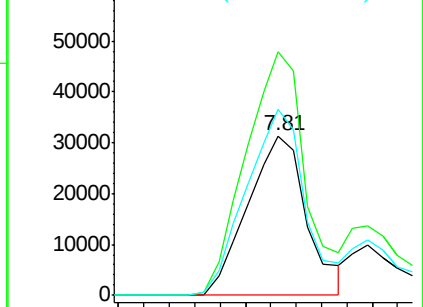
#35
 Caprolactam
 Concen: 27.83 ng
 RT: 7.81 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 50654
 Ion Ratio Lower Upper
 113 100
 55 152.8 150.2 190.2
 56 116.4 107.8 147.8

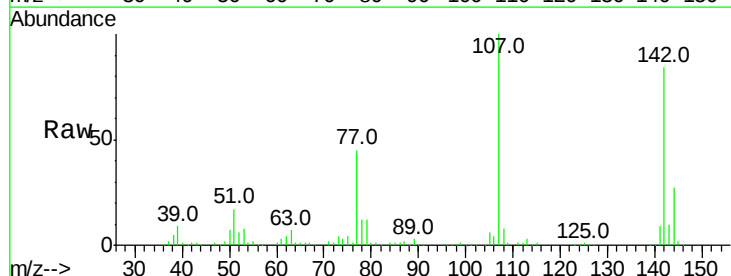


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

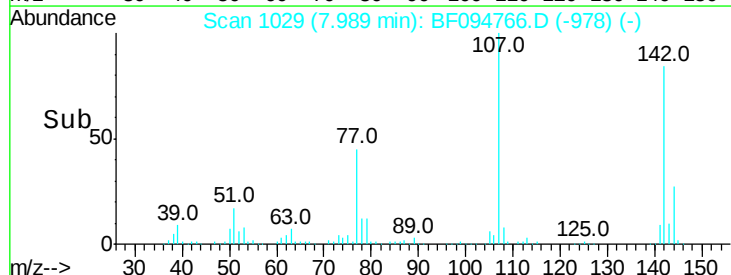
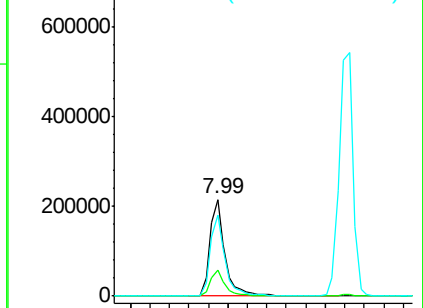


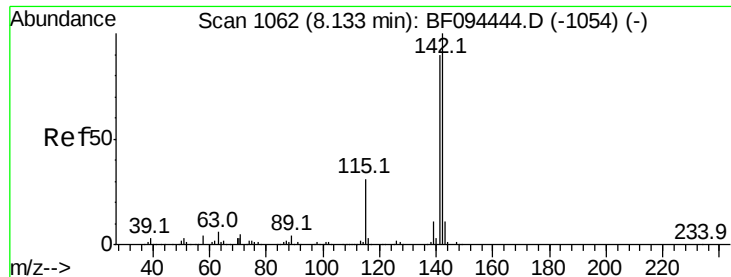
#36
 4-Chloro-3-methylphenol
 Concen: 37.82 ng
 RT: 7.99 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion:107 Resp: 229630
 Ion Ratio Lower Upper
 107 100
 144 27.0 24.2 36.4
 142 83.6 73.4 110.0



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

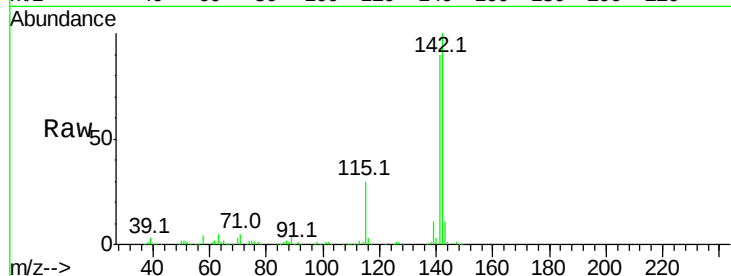




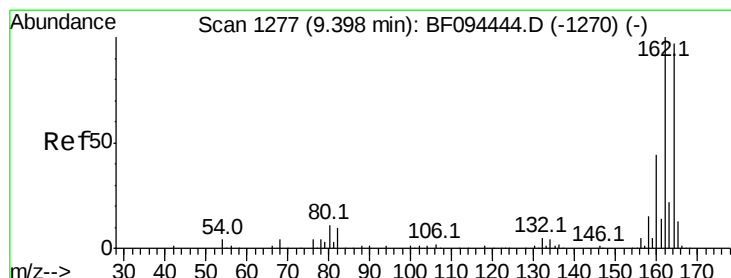
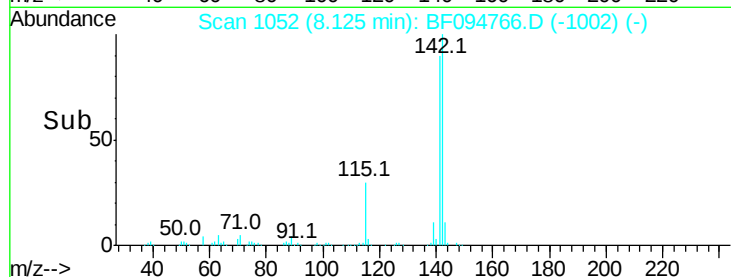
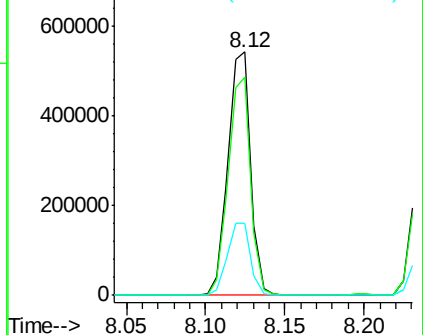
#37
2-Methylnaphthalene
Concen: 39.17 ng
RT: 8.12 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 539126
Ion Ratio Lower Upper
142 100
141 89.7 71.3 106.9
115 29.8 27.1 40.7

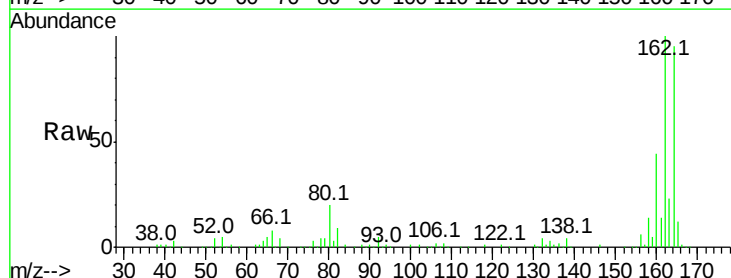


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

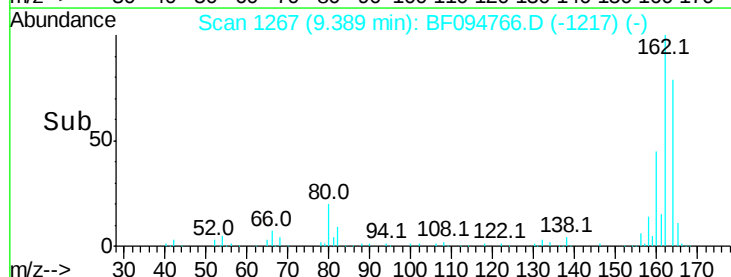
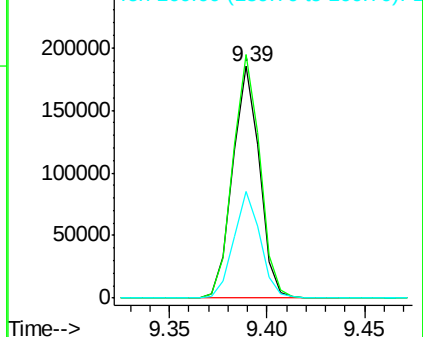


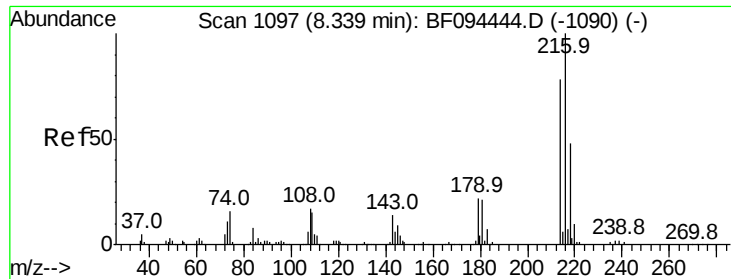
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

Tgt Ion:164 Resp: 176217
Ion Ratio Lower Upper
164 100
162 104.9 82.6 123.8
160 45.9 36.2 54.2



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

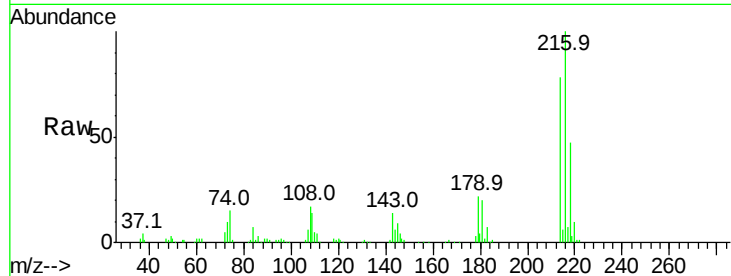




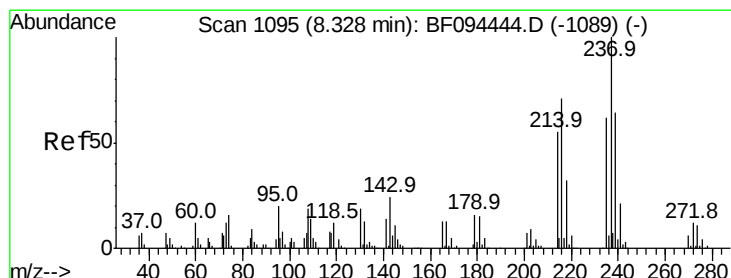
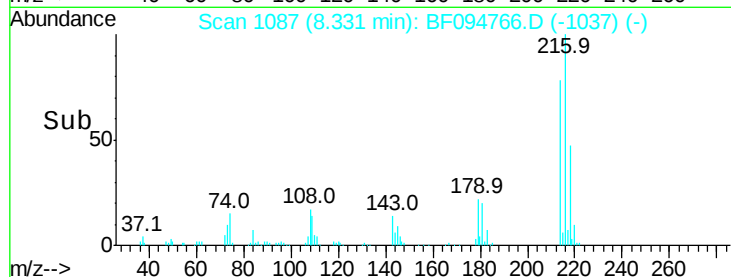
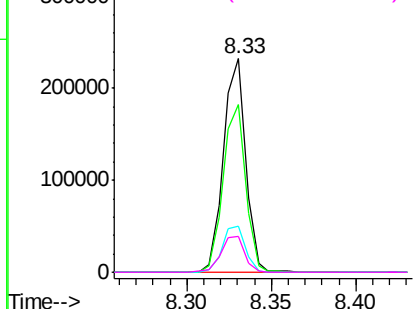
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.44 ng
 RT: 8.33 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	212943
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.2
179	22.6	17.9	26.9
108	18.2	16.5	24.7

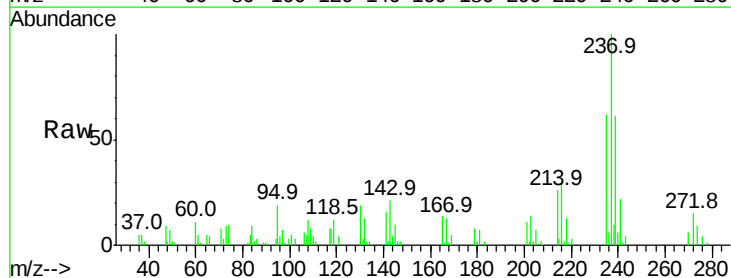


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

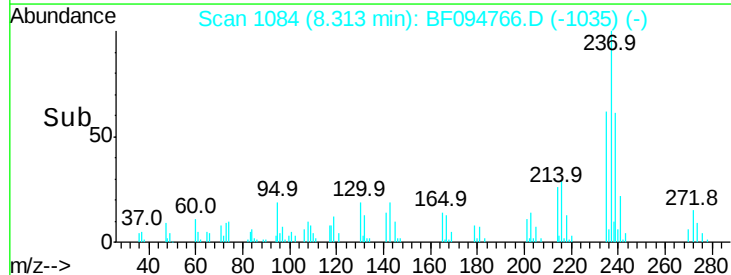
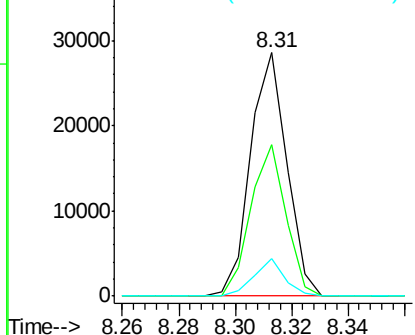


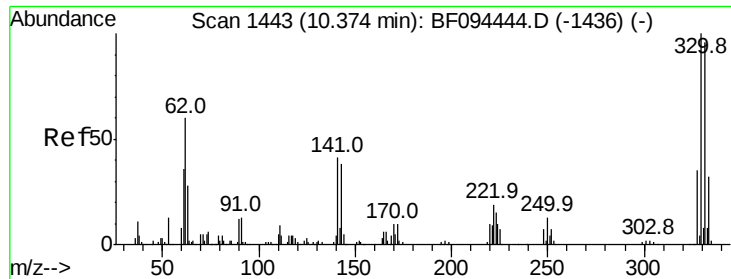
#40
 Hexachlorocyclopentadiene
 Concen: 12.54 ng
 RT: 8.31 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion:	237	Resp:	25463
Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.6	82.6
272	15.4	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

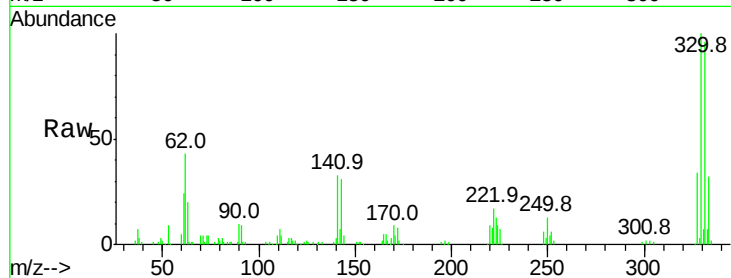




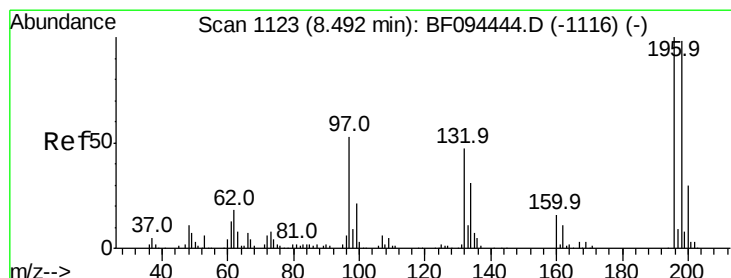
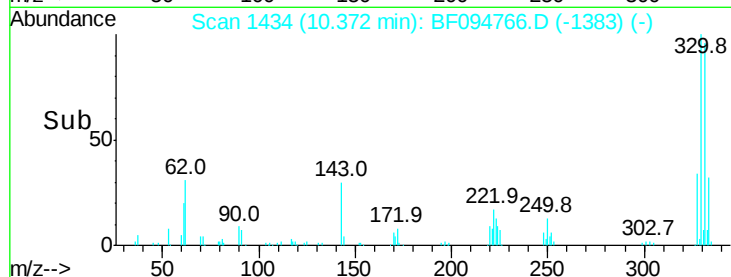
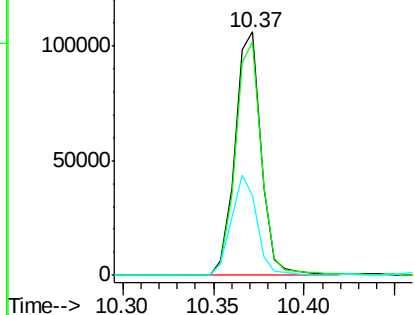
#41
 2,4,6-Tribromophenol
 Concen: 77.33 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 106593
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 40.6 31.4 47.2

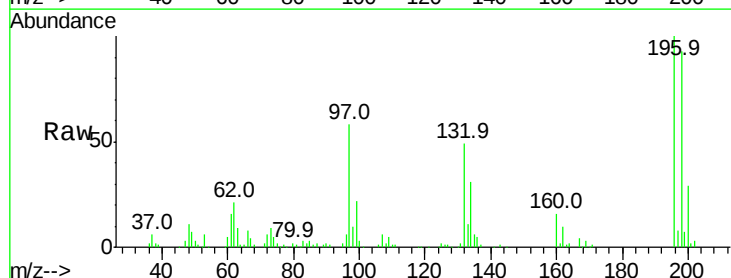


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

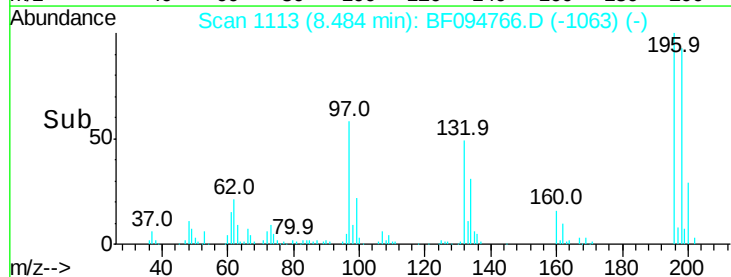
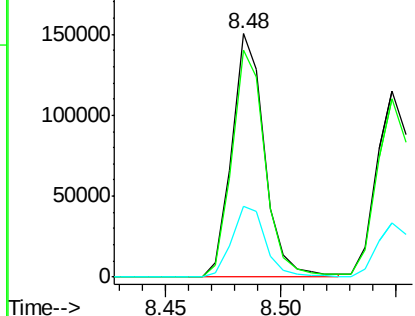


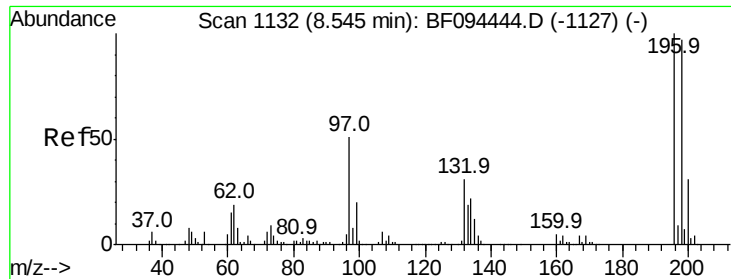
#42
 2,4,6-Trichlorophenol
 Concen: 42.28 ng
 RT: 8.48 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion:196 Resp: 148977
 Ion Ratio Lower Upper
 196 100
 198 93.4 74.2 111.4
 200 29.1 24.0 36.0



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

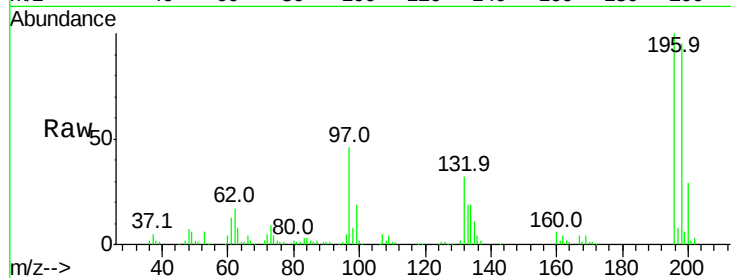




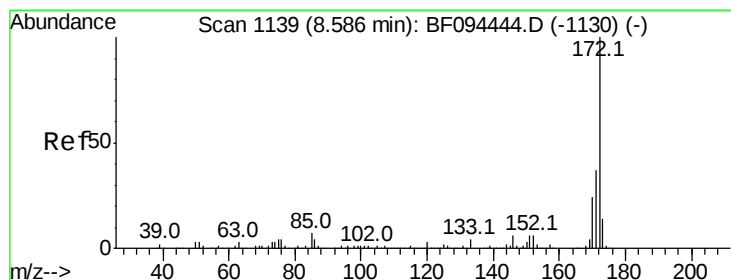
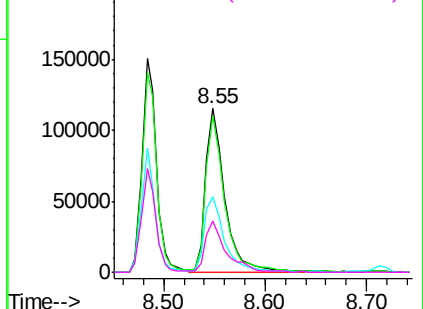
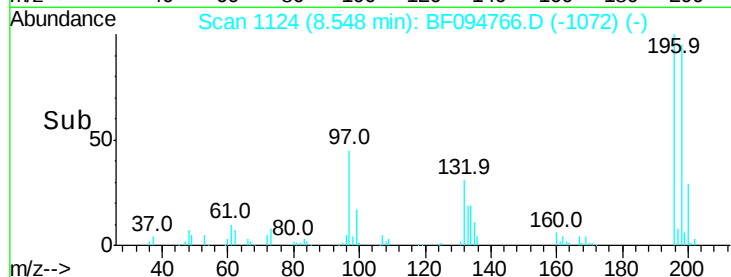
#43
 2,4,5-Trichlorophenol
 Concen: 41.89 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 151605
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.7 113.5
 97 46.0 47.7 71.5#
 132 31.7 28.0 42.0

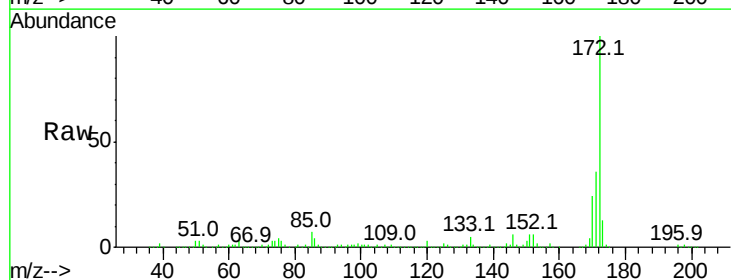


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

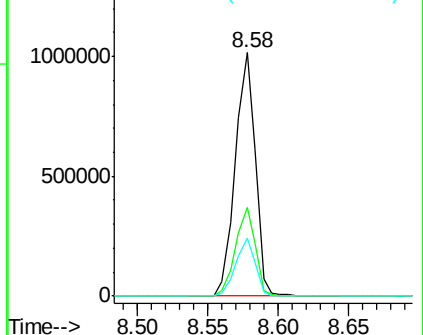
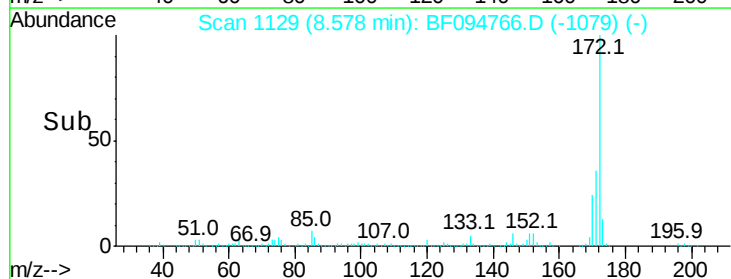


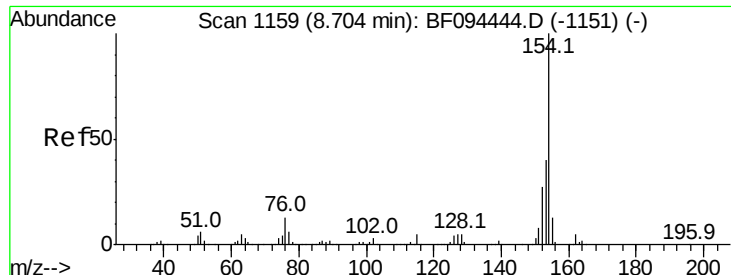
#44
 2-Fluorobiphenyl
 Concen: 84.02 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion:172 Resp: 1006287
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.6 19.8 29.8



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: 43.31 ng

RT: 8.70 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

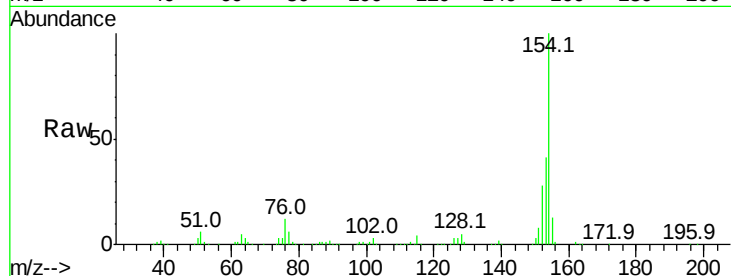
Tot Ion:154 Resp: 623621

Ion Ratio Lower Upper

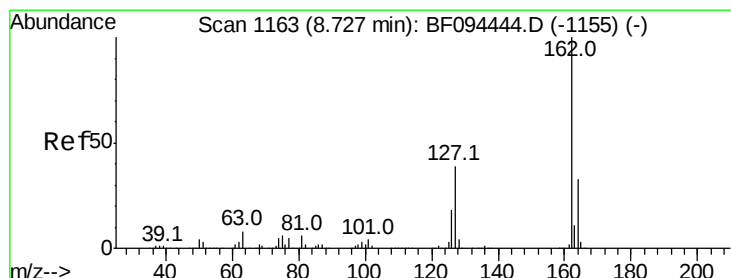
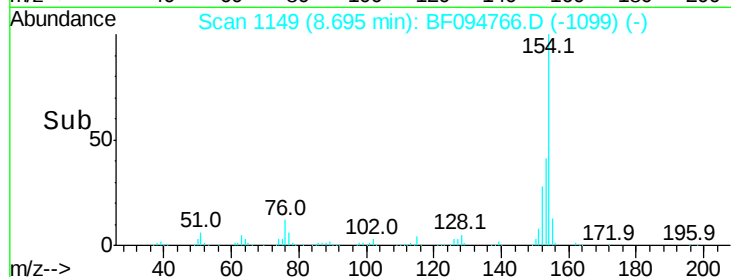
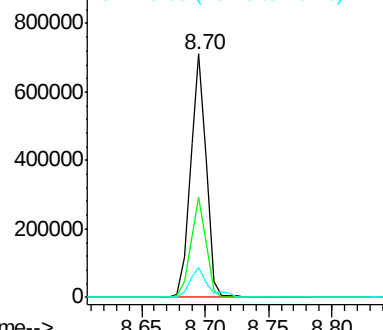
154 100

153 41.2 21.2 61.2

76 12.4 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.64 ng

RT: 8.71 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

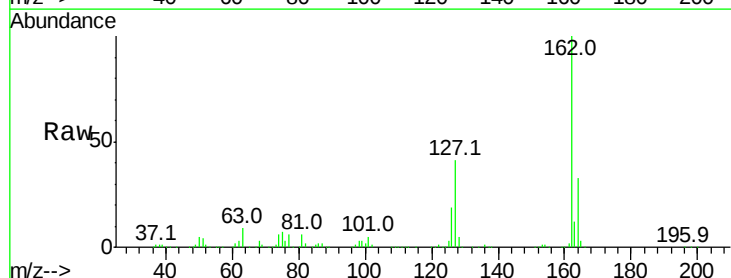
Tgt Ion:162 Resp: 476724

Ion Ratio Lower Upper

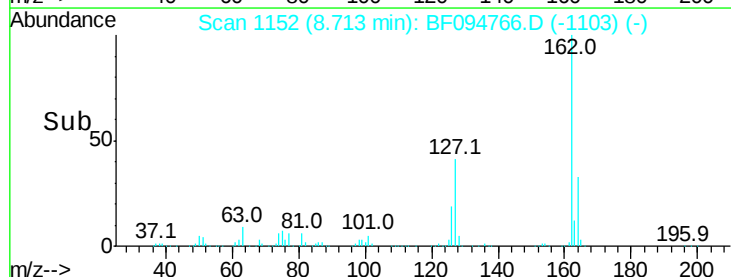
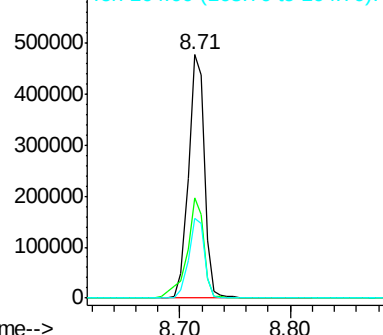
162 100

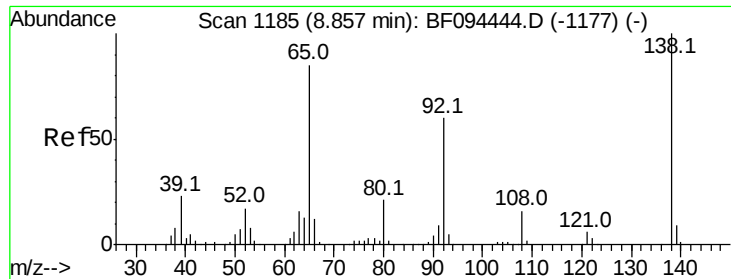
127 41.3 28.3 42.5

164 32.5 27.0 40.4



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

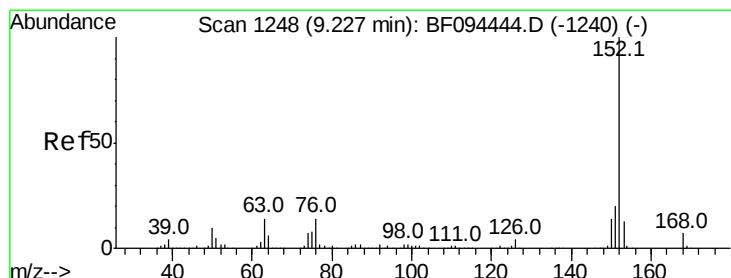
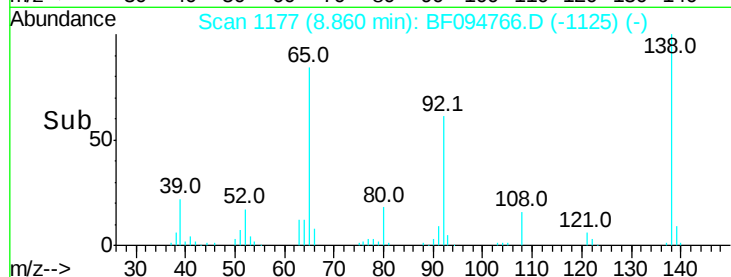
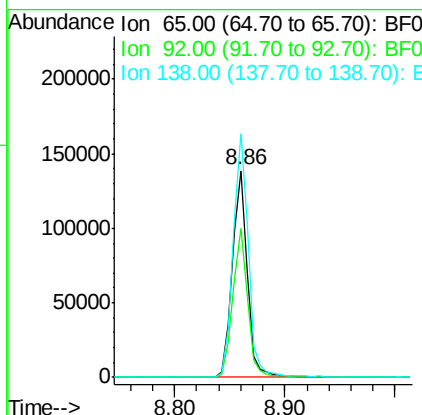
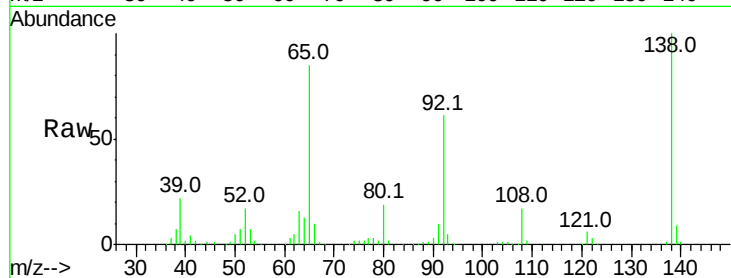




#47
 2-Nitroaniline
 Concen: 40.36 ng
 RT: 8.86 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

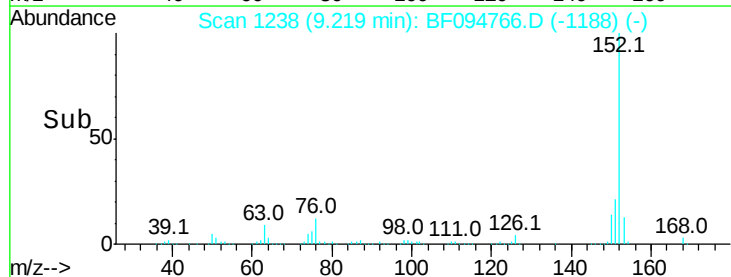
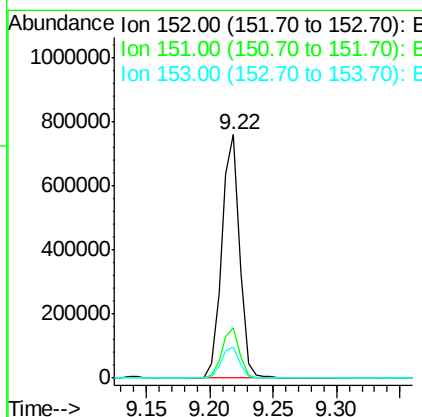
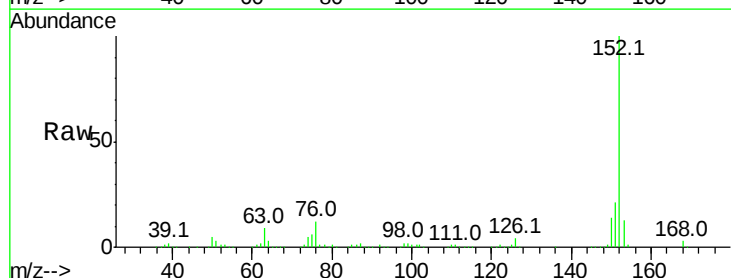
Instrument :
 BNA_F
 ClientSampleId :

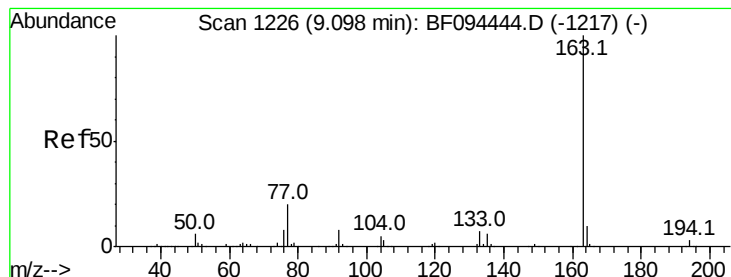
Tot Ion: 65 Resp: 132906
 Ion Ratio Lower Upper
 65 100
 92 71.9 53.9 80.9
 138 117.8 78.8 118.2



#48
 Acenaphthylene
 Concen: 41.83 ng
 RT: 9.22 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion: 152 Resp: 746502
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.8 25.2
 153 12.8 10.8 16.2





#49

Dimethylphthalate

Concen: 43.60 ng

RT: 9.09 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

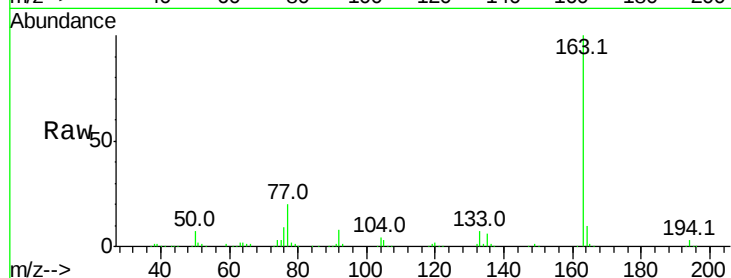
Tot Ion:163 Resp: 572631

Ion Ratio Lower Upper

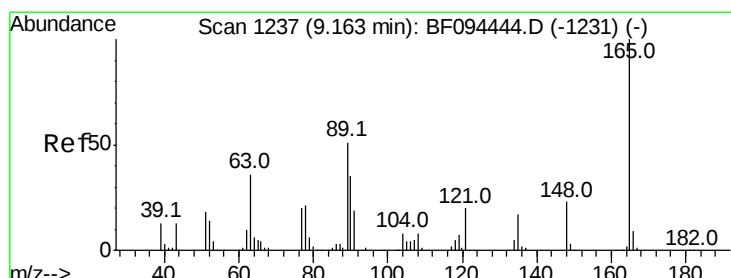
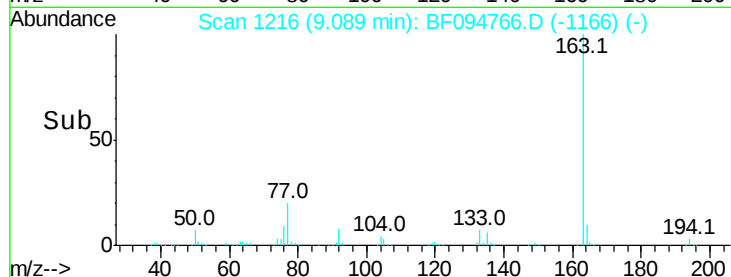
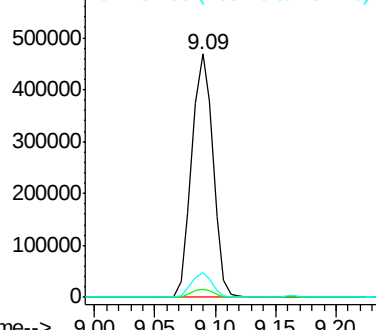
163 100

194 3.4 2.6 4.0

164 10.2 8.4 12.6



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: 41.53 ng

RT: 9.17 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

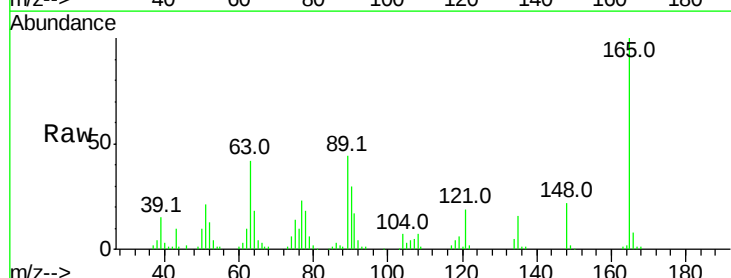
Tgt Ion:165 Resp: 122418

Ion Ratio Lower Upper

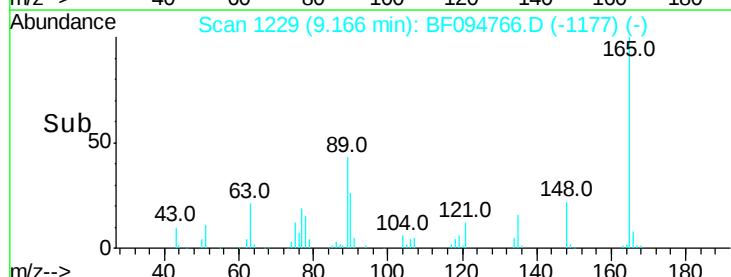
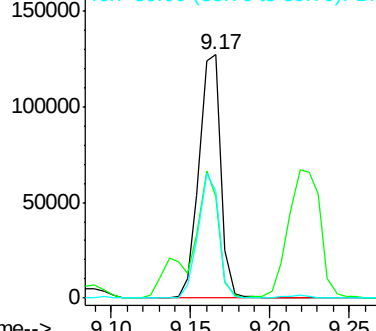
165 100

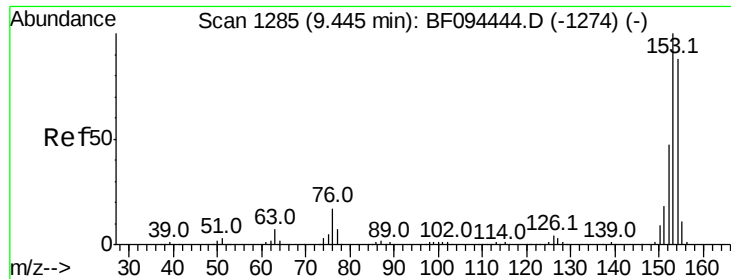
63 41.7 34.3 51.5

89 44.0 37.1 55.7



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: 38.49 ng

RT: 9.43 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

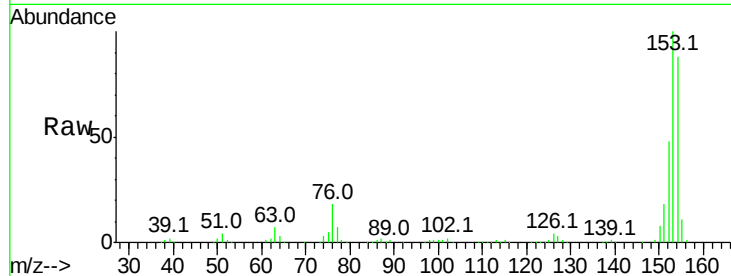
Tot Ion:154 Resp: 411424

Ion Ratio Lower Upper

154 100

153 114.1 90.5 135.7

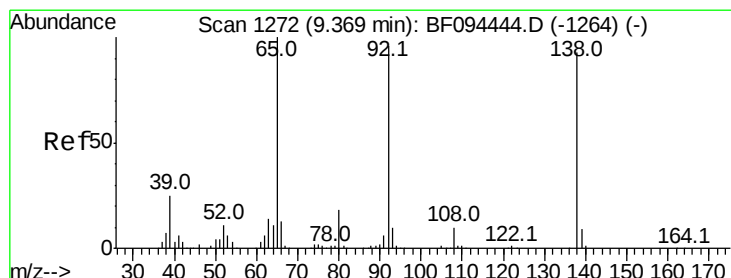
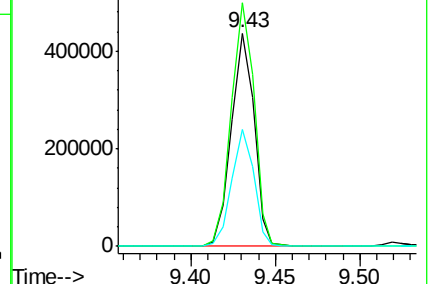
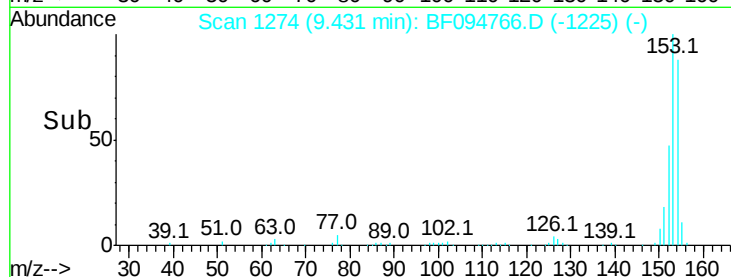
152 54.6 43.6 65.4



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: 37.98 ng

RT: 9.37 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

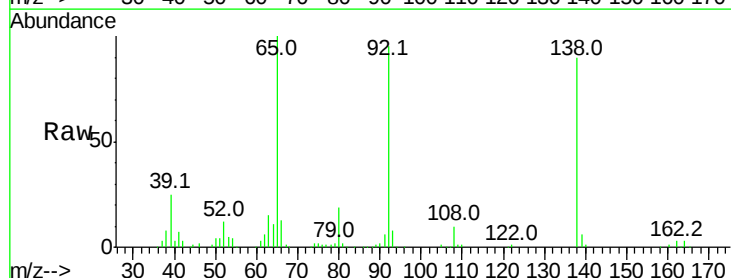
Tgt Ion:138 Resp: 129520

Ion Ratio Lower Upper

138 100

108 10.8 9.1 13.7

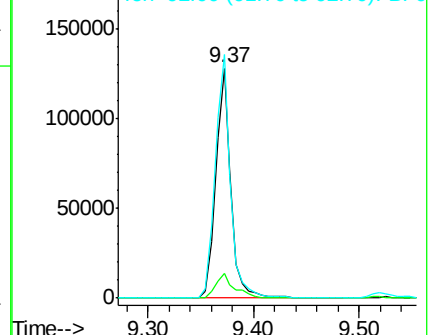
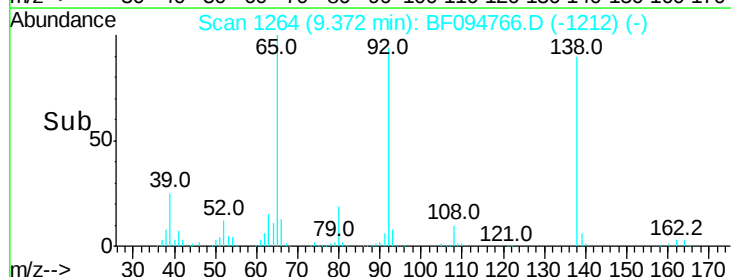
92 105.8 93.8 140.6

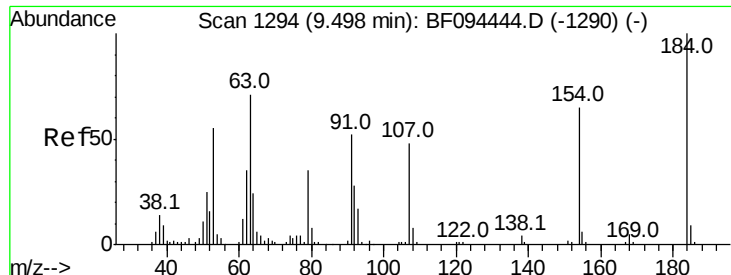


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

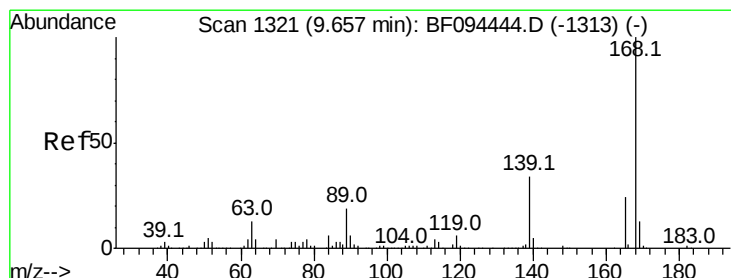
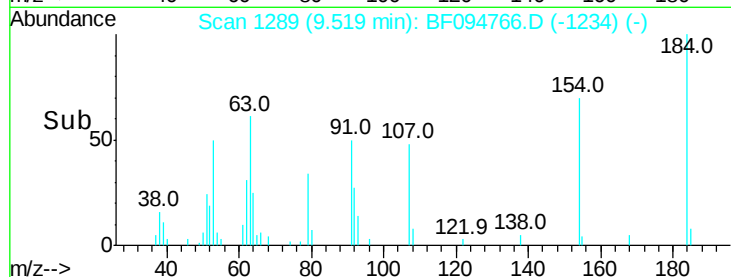
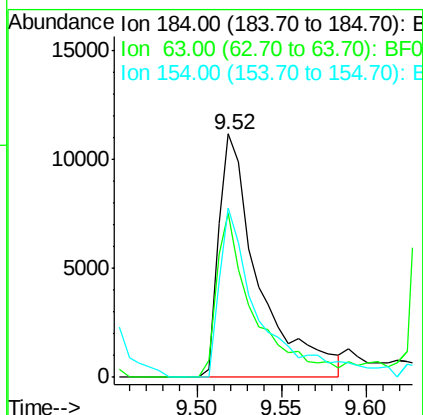
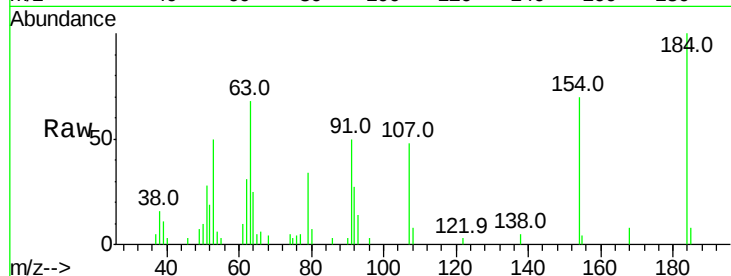




#53
 2,4-Dinitrophenol
 Concen: 16.44 ng
 RT: 9.52 min Scan# 1289
 Delta R.T. 0.02 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

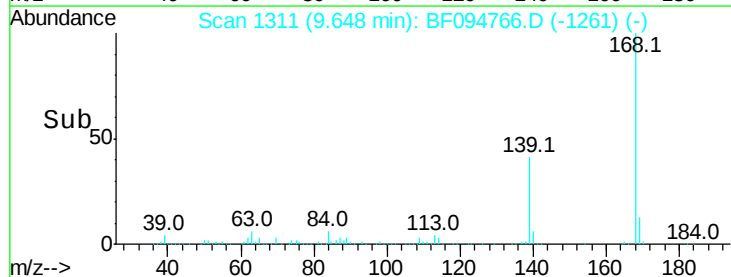
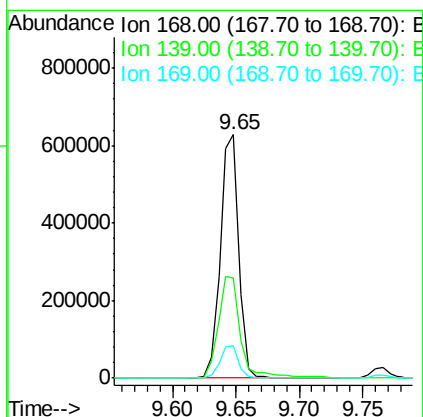
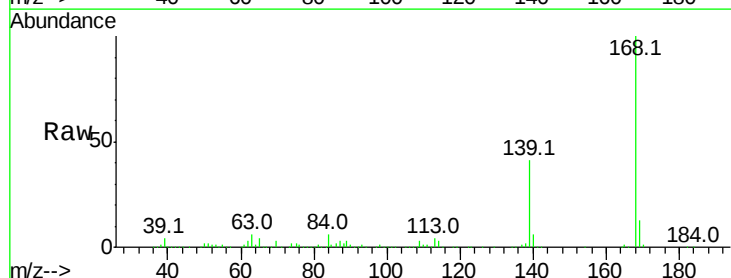
Instrument :
 BNA_F
 ClientSampleId :

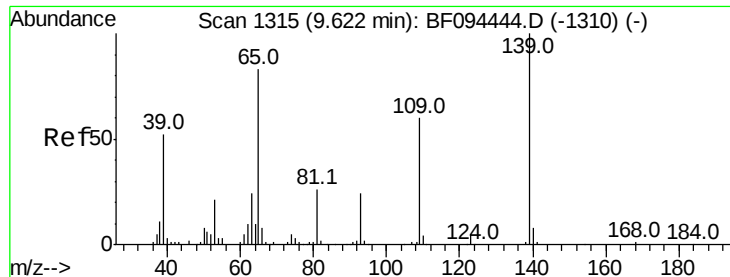
Tot Ion:184 Resp: 18411
 Ion Ratio Lower Upper
 184 100
 63 67.7 62.7 94.1
 154 69.5 81.1 121.7#



#54
 Dibenzofuran
 Concen: 40.92 ng
 RT: 9.65 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion:168 Resp: 635746
 Ion Ratio Lower Upper
 168 100
 139 41.4 30.6 45.8
 169 13.4 10.8 16.2

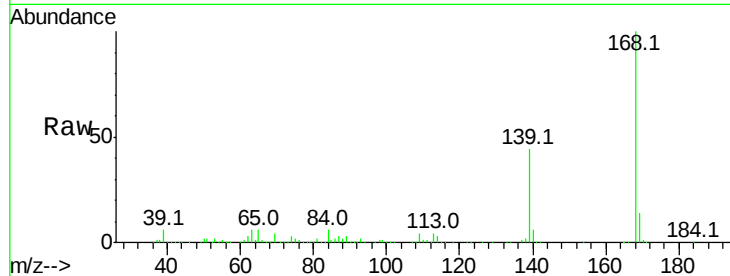




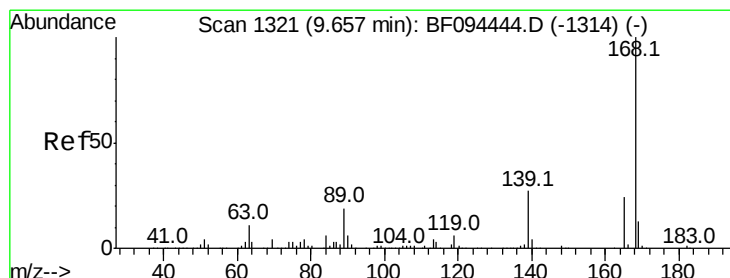
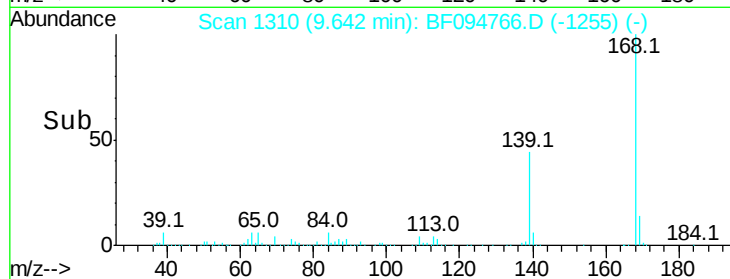
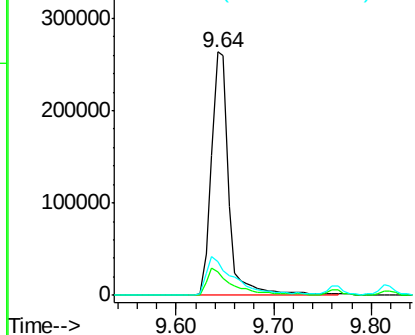
#55
4-Nitrophenol
Concen: 135.96 ng
RT: 9.64 min Scan# 1310
Delta R.T. 0.02 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 327567
Ion Ratio Lower Upper
139 100
109 9.8 34.1 74.1#
65 13.7 31.4 71.4#

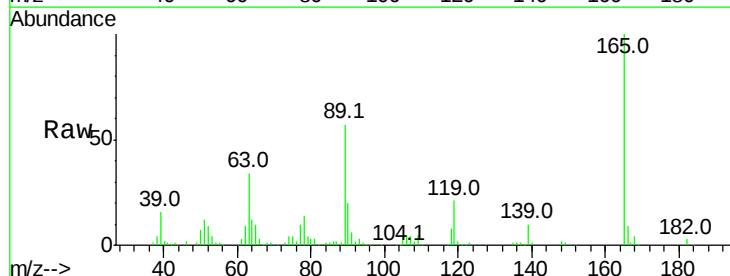


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

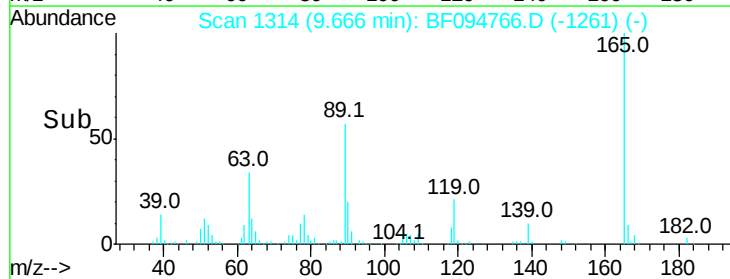
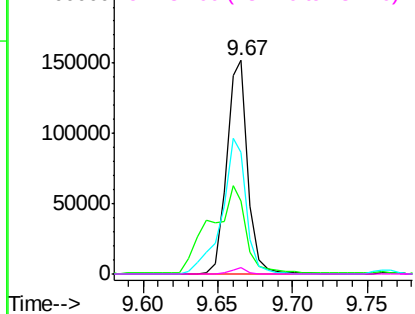


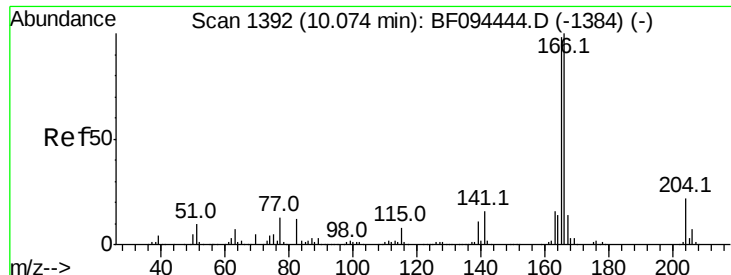
#56
2,4-Dinitrotoluene
Concen: 41.73 ng
RT: 9.67 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

Tgt Ion:165 Resp: 150916
Ion Ratio Lower Upper
165 100
63 34.5 25.4 38.0
89 56.7 46.4 69.6
182 2.8 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

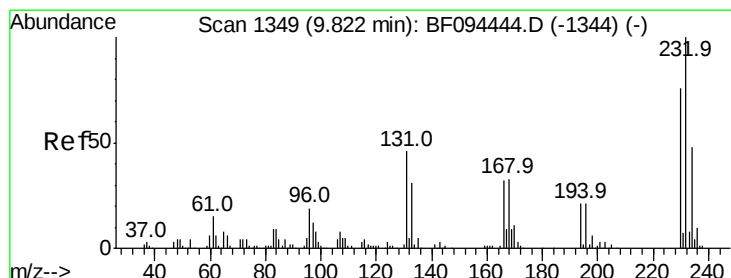
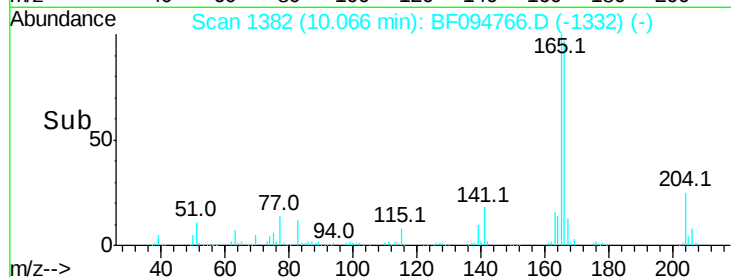
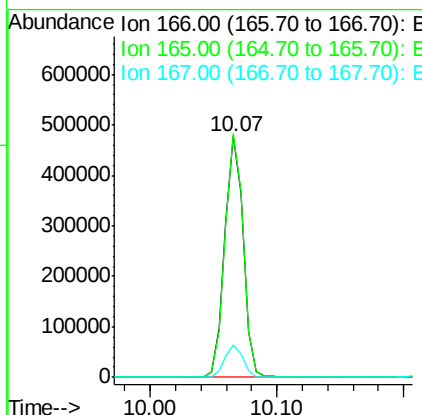
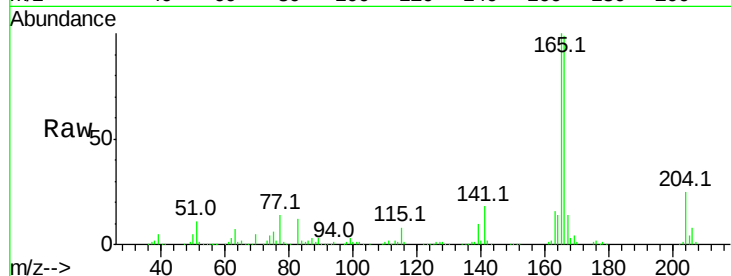




#57
 Fluorene
 Concen: 39.90 ng
 RT: 10.07 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

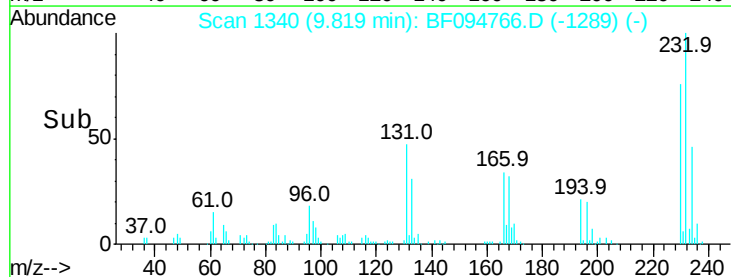
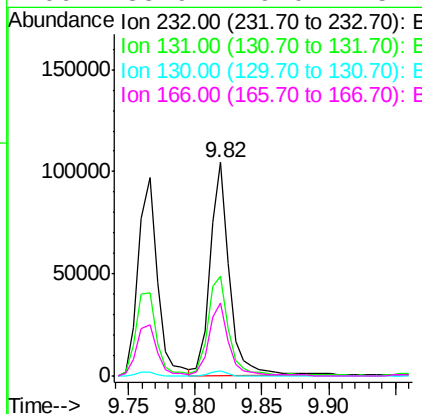
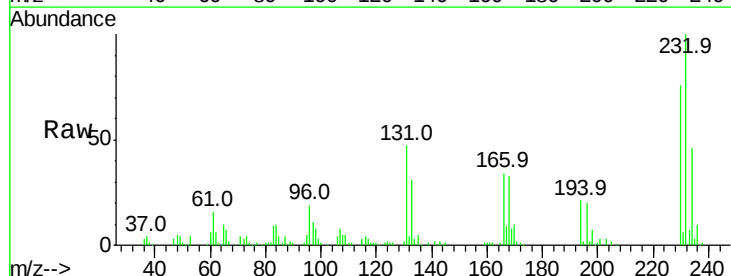
Instrument :
 BNA_F
 ClientSampleId :

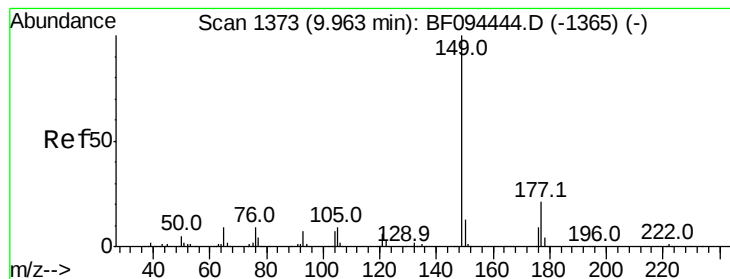
Tot Ion:166 Resp: 482713
 Ion Ratio Lower Upper
 166 100
 165 101.0 78.8 118.2
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.80 ng
 RT: 9.82 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion:232 Resp: 105830
 Ion Ratio Lower Upper
 232 100
 131 51.9 44.8 67.2
 130 2.2 2.3 3.5#
 166 35.9 29.0 43.4





#59

Diethylphthalate

Concen: 42.04 ng

RT: 9.95 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

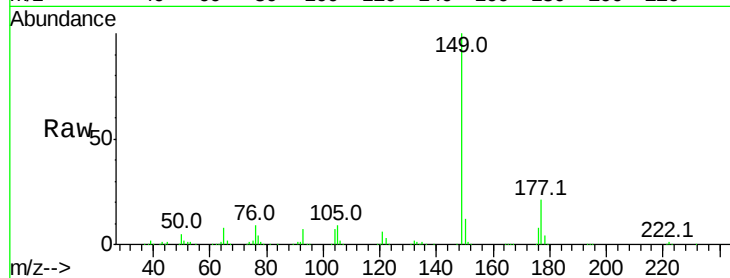
Tot Ion:149 Resp: 520892

Ion Ratio Lower Upper

149 100

177 21.5 16.7 25.1

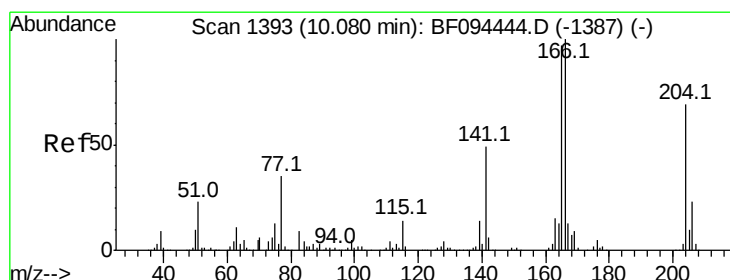
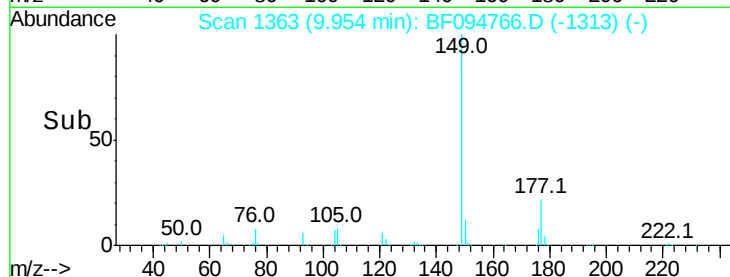
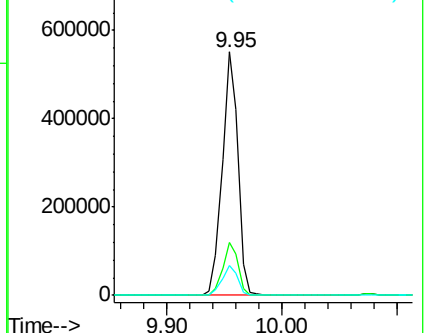
150 12.4 10.2 15.2



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: 43.28 ng

RT: 10.07 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

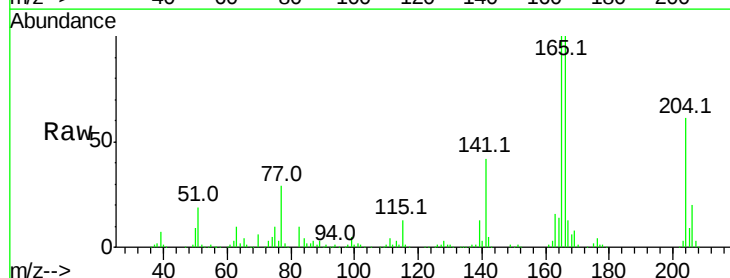
Tgt Ion:204 Resp: 217909

Ion Ratio Lower Upper

204 100

206 33.0 26.2 39.2

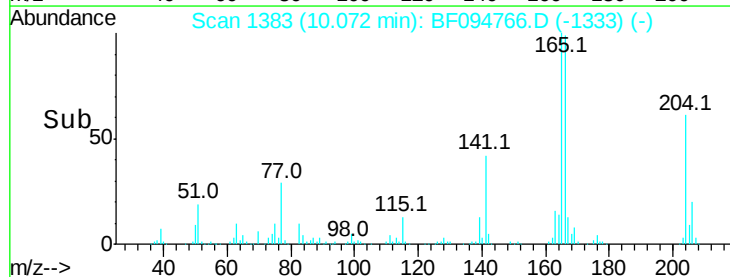
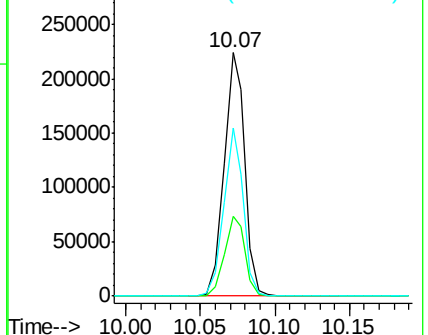
141 68.9 60.8 91.2

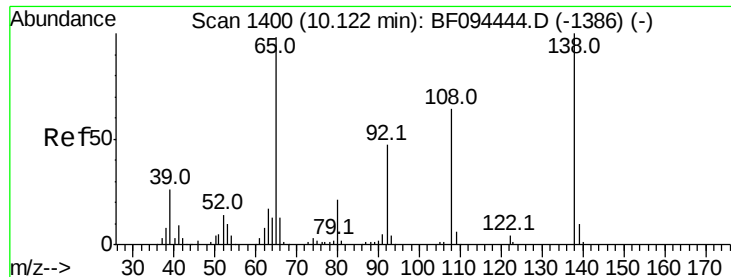


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

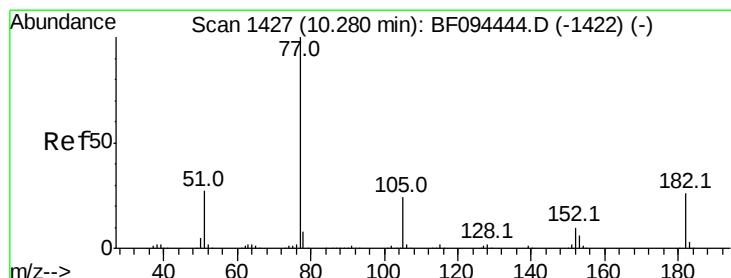
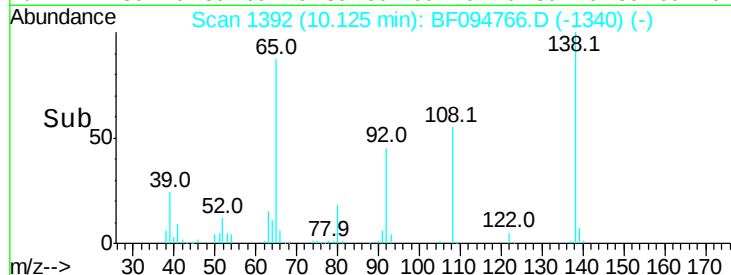
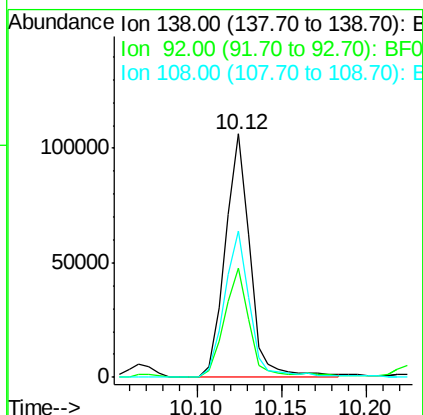
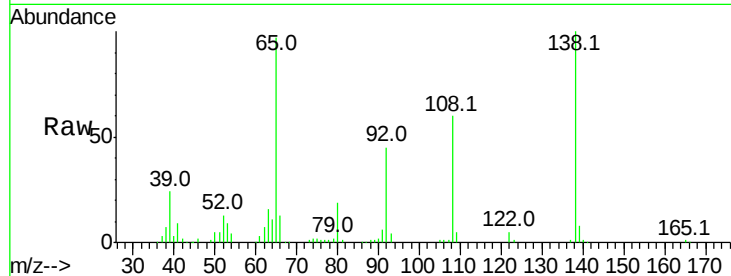




#61
4-Nitroaniline
Concen: 31.32 ng
RT: 10.12 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

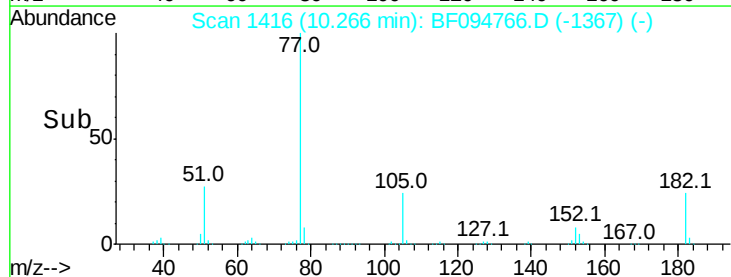
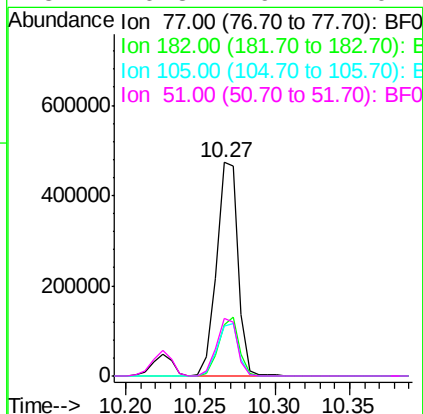
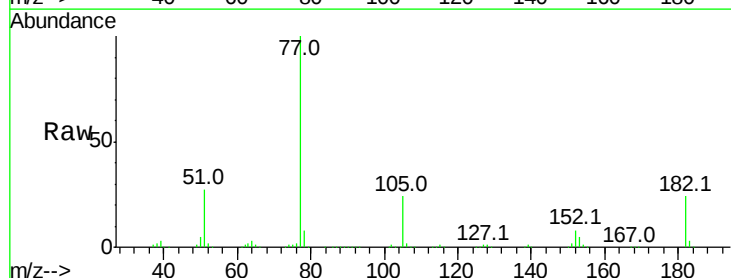
Instrument :
BNA_F
ClientSampleId :

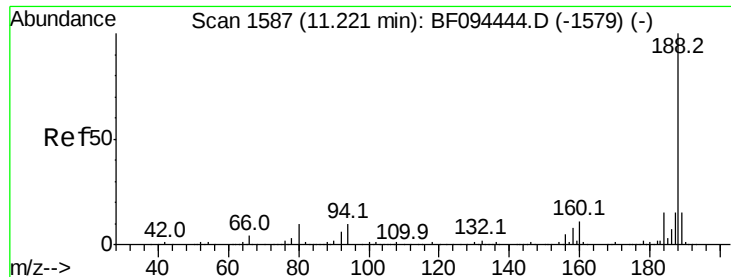
Tot Ion:138 Resp: 108571
Ion Ratio Lower Upper
138 100
92 44.6 21.8 61.8
108 60.3 42.3 82.3



#62
Azobenzene
Concen: 39.79 ng
RT: 10.27 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

Tgt Ion: 77 Resp: 478691
Ion Ratio Lower Upper
77 100
182 23.9 0.1 40.1
105 23.6 3.6 43.6
51 26.8 9.4 49.4

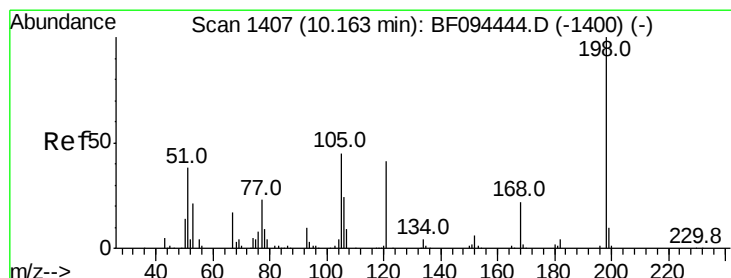
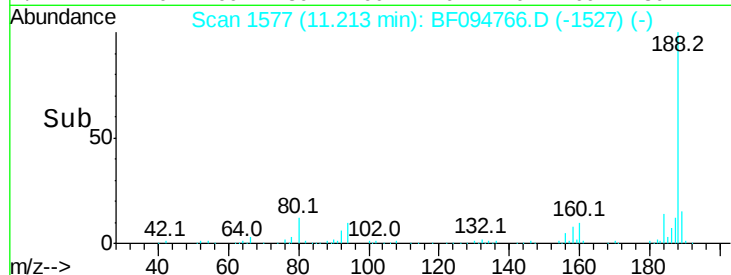
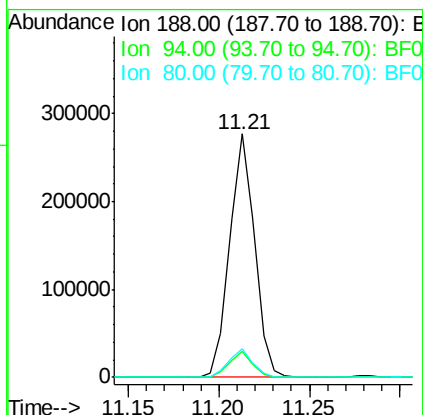
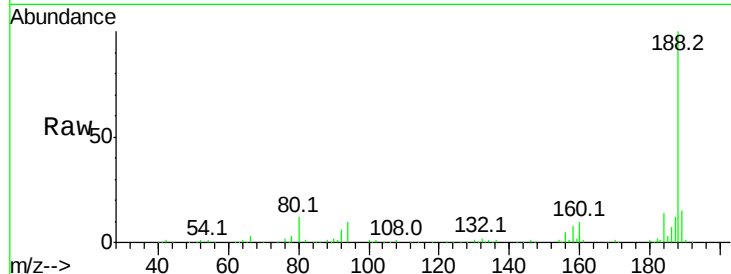




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

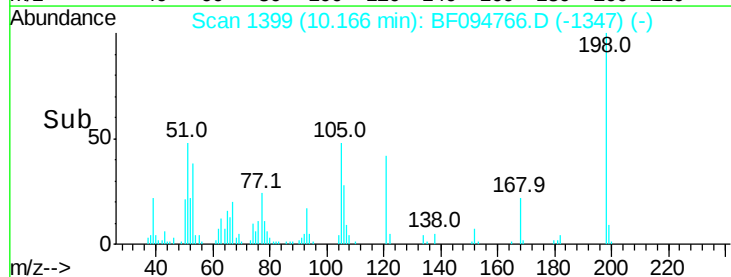
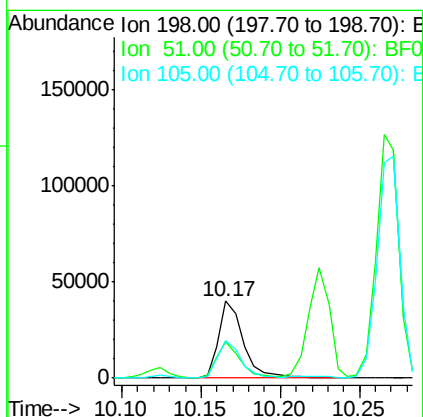
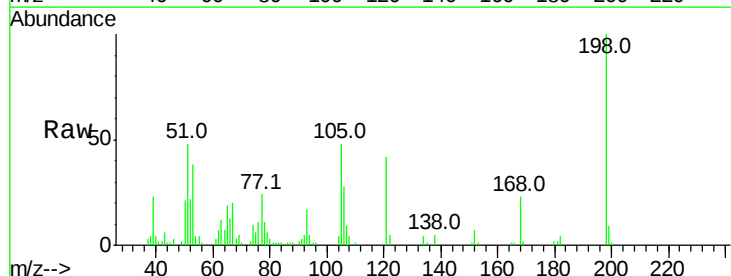
Instrument :
 BNA_F
 ClientSampleId :

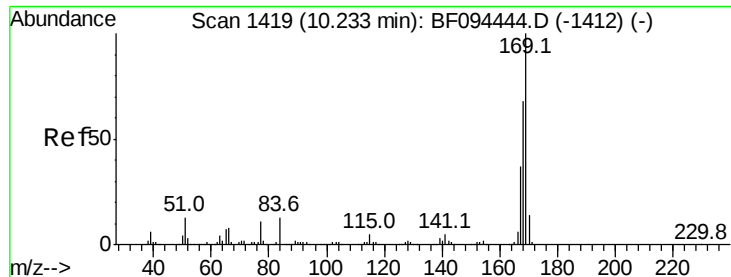
Tot Ion:188 Resp: 266678
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 11.6 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 24.68 ng
 RT: 10.17 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion:198 Resp: 43123
 Ion Ratio Lower Upper
 198 100
 51 47.8 53.2 93.2#
 105 48.5 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 46.76 ng

RT: 10.22 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

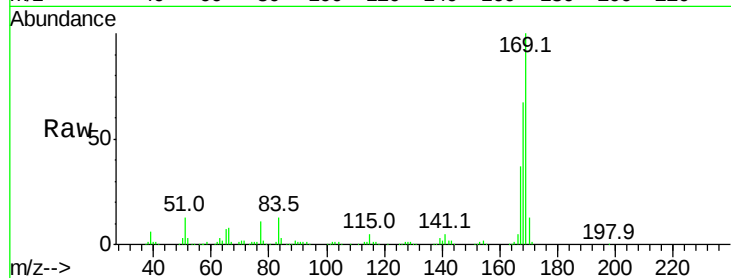
Tot Ion:169 Resp: 433654

Ion Ratio Lower Upper

169 100

168 67.1 53.2 79.8

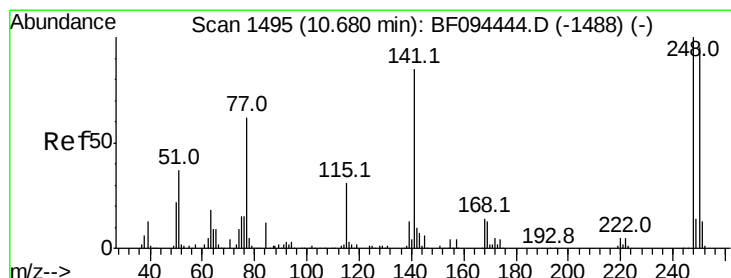
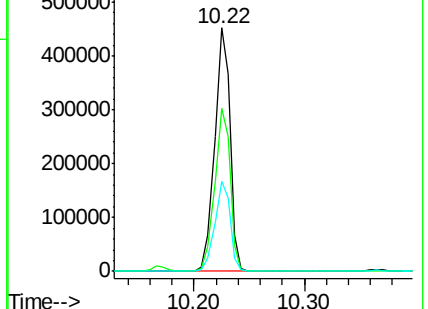
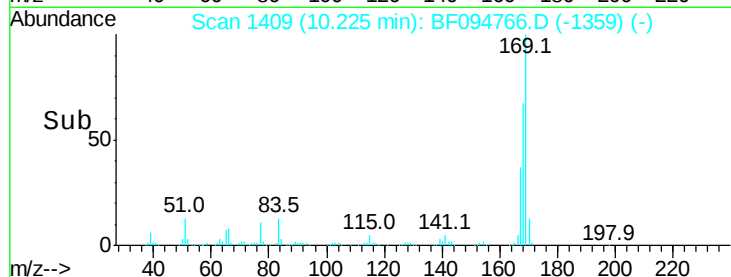
167 37.0 29.5 44.3



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: 47.47 ng

RT: 10.67 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

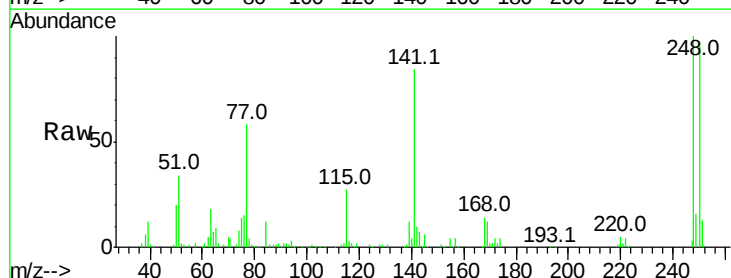
Tgt Ion:248 Resp: 125698

Ion Ratio Lower Upper

248 100

250 97.0 76.8 115.2

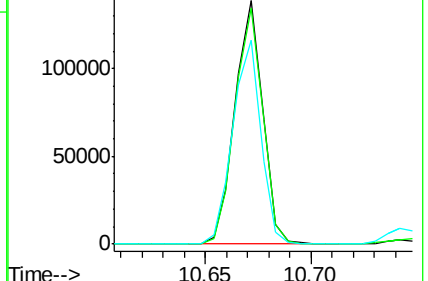
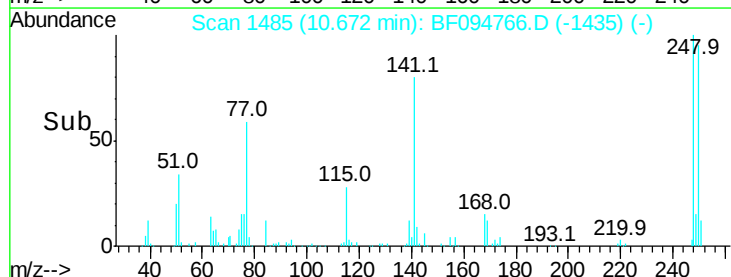
141 83.9 68.6 103.0

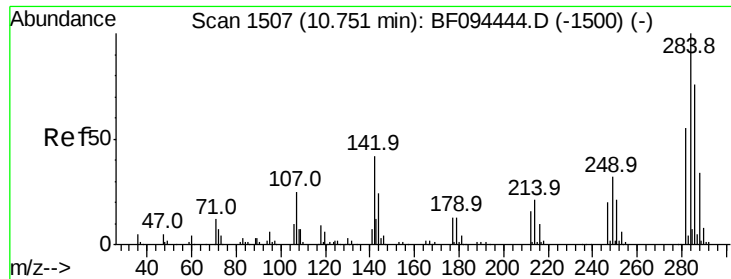


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

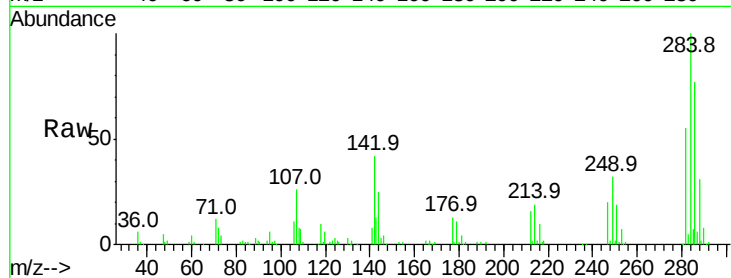




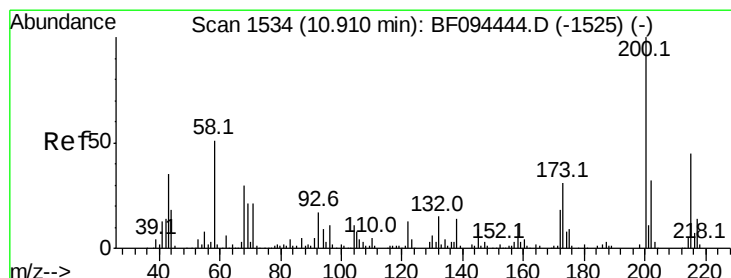
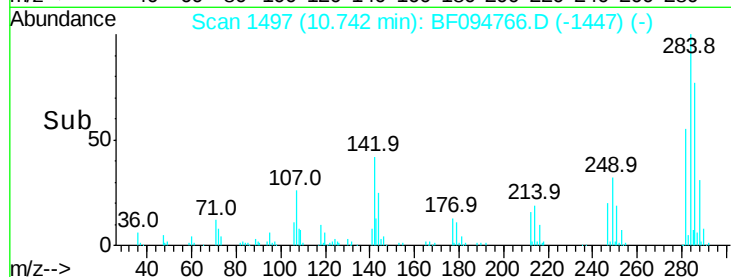
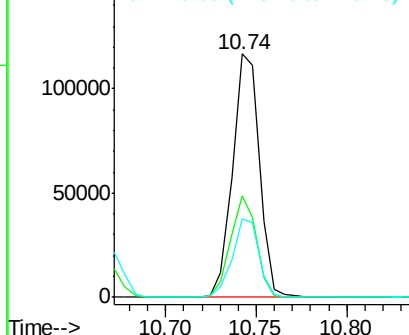
#67
Hexachlorobenzene
Concen: 45.10 ng
RT: 10.74 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 120349
Ion Ratio Lower Upper
284 100
142 41.9 22.8 34.2#
249 32.4 24.0 36.0

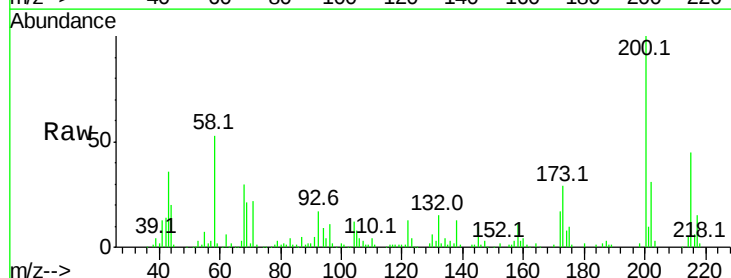


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

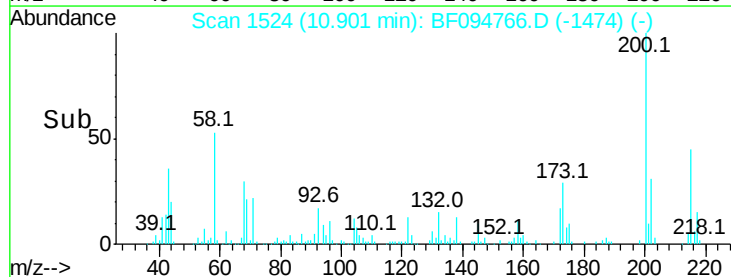
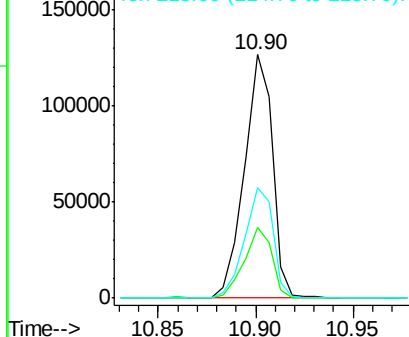


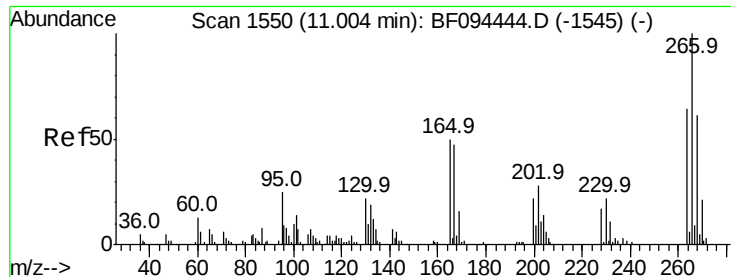
#68
Atrazine
Concen: 45.83 ng
RT: 10.90 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

Tgt Ion:200 Resp: 127150
Ion Ratio Lower Upper
200 100
173 29.2 6.3 46.3
215 45.1 27.2 67.2



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

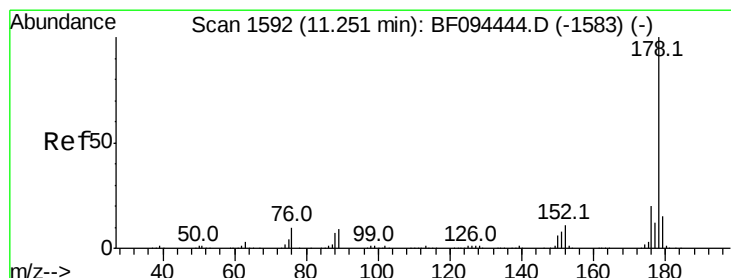
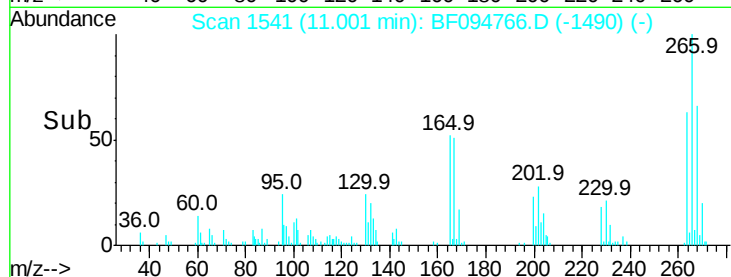
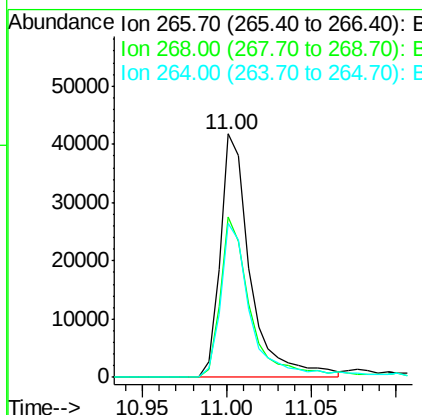
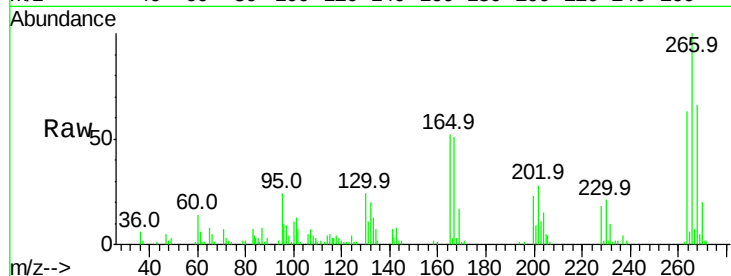




#69
 Pentachlorophenol
 Concen: 49.03 ng
 RT: 11.00 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

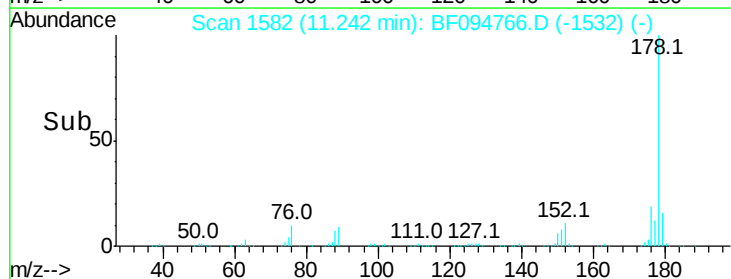
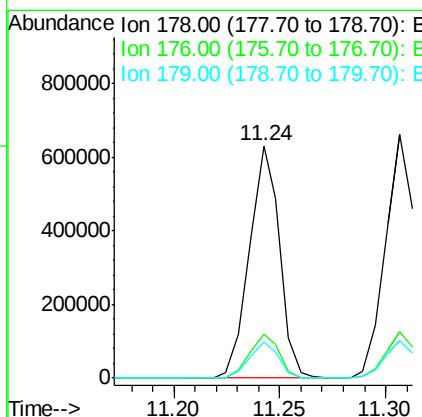
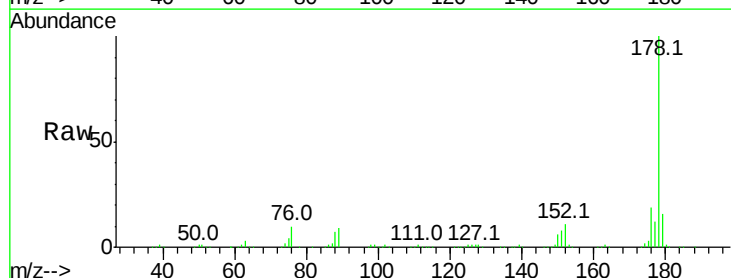
Instrument :
 BNA_F
 ClientSampleId :

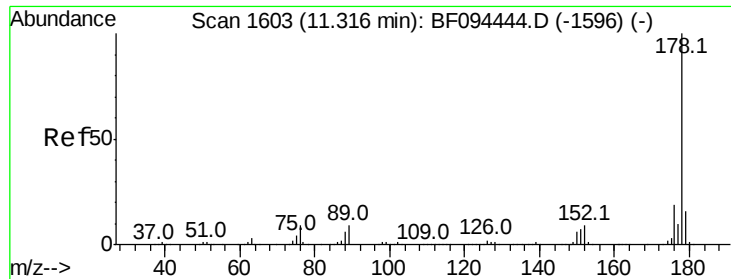
Tot Ion:266 Resp: 51958
 Ion Ratio Lower Upper
 266 100
 268 65.7 51.1 76.7
 264 63.2 51.7 77.5



#70
 Phenanthrene
 Concen: 41.52 ng
 RT: 11.24 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion:178 Resp: 623463
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.2 24.4
 179 15.8 12.6 19.0

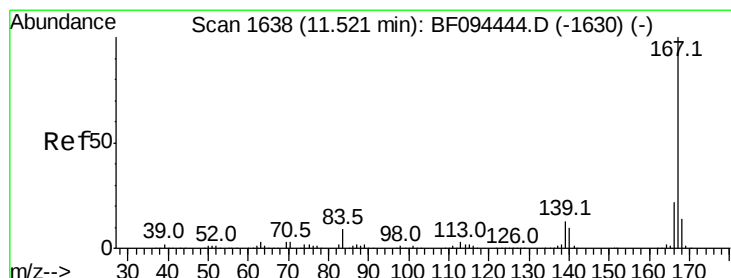
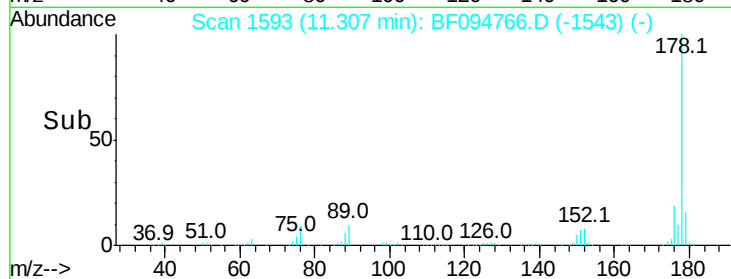
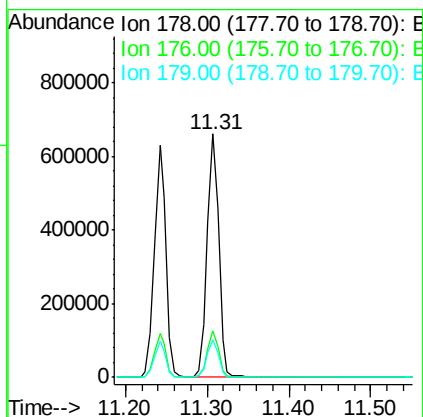
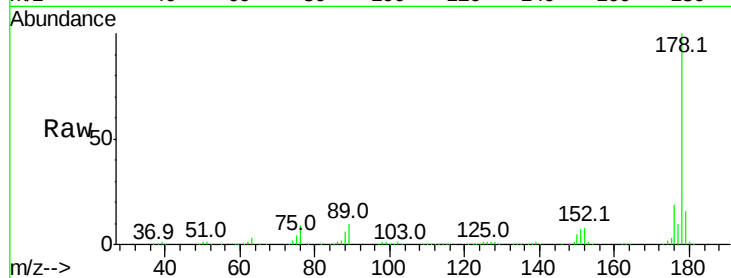




#71
 Anthracene
 Concen: 42.06 ng
 RT: 11.31 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

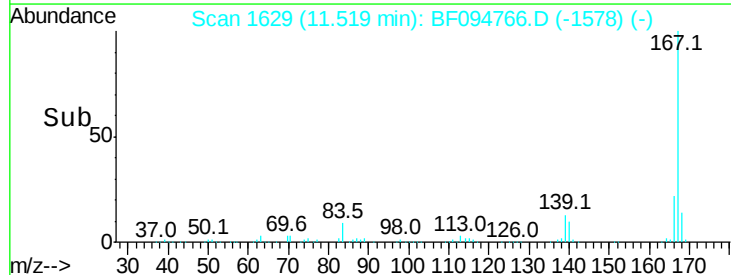
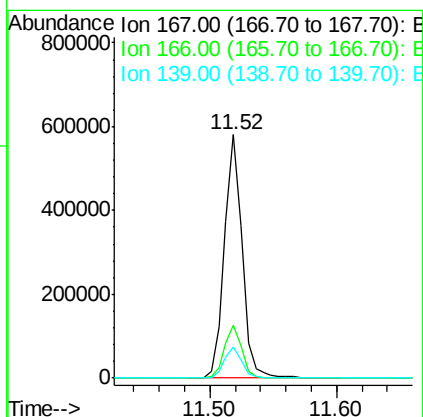
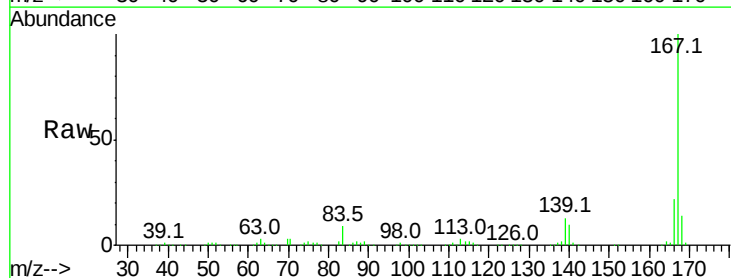
Instrument :
 BNA_F
 ClientSampleId :

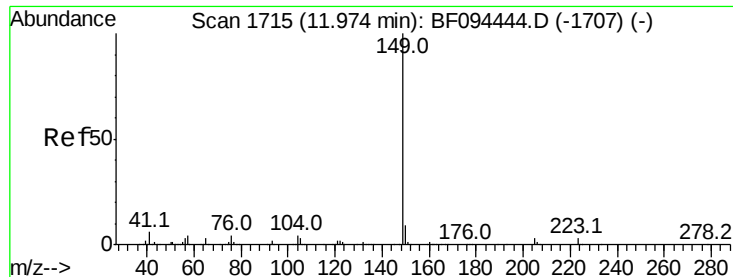
Tot Ion:178 Resp: 653332
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 38.88 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion:167 Resp: 566937
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 13.0 11.7 17.5





#73

Di-n-butylphthalate

Concen: 47.63 ng

RT: 11.97 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

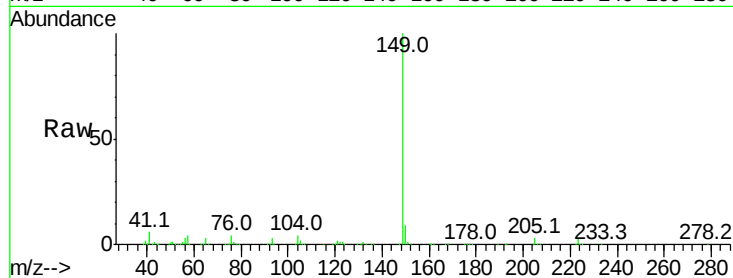
Tot Ion:149 Resp: 764609

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

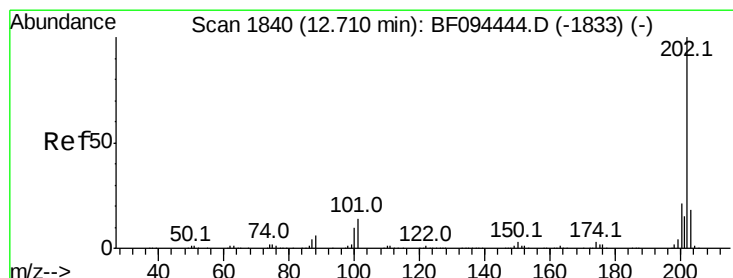
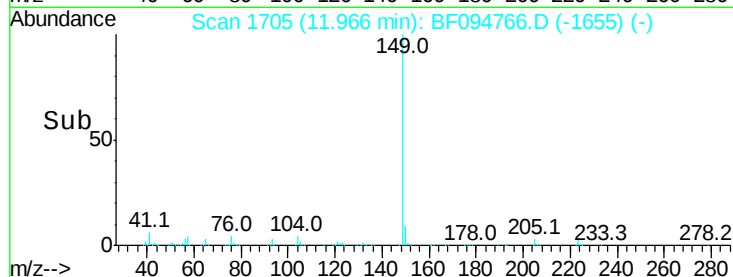
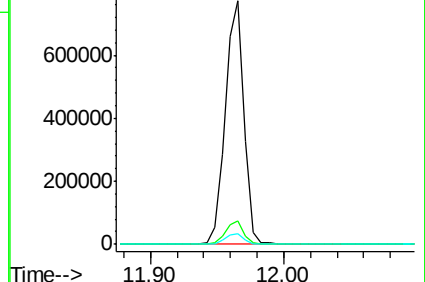
104 4.3 4.0 6.0



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: 38.66 ng

RT: 12.71 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

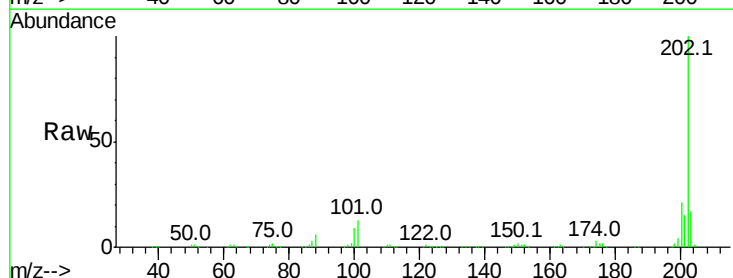
Tgt Ion:202 Resp: 601769

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.2

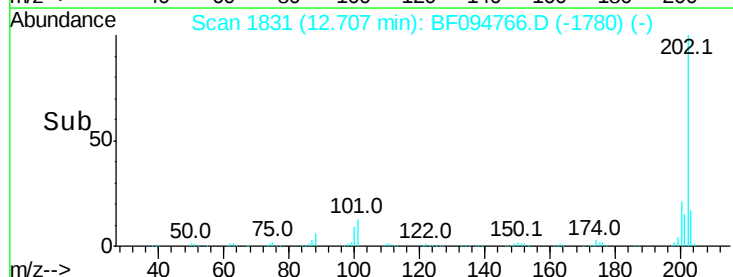
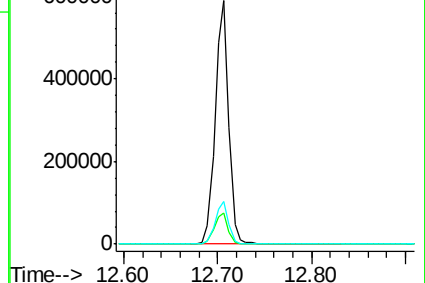
203 17.5 0.0 38.1

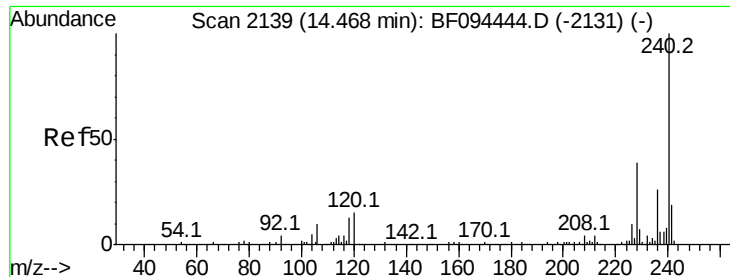


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampled :

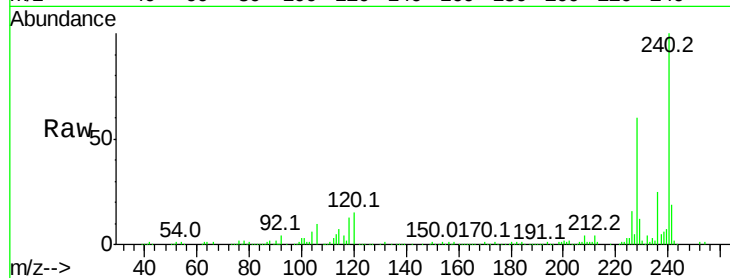
Tot Ion:240 Resp: 206420

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

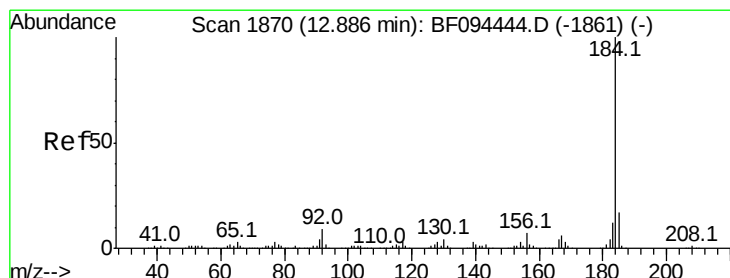
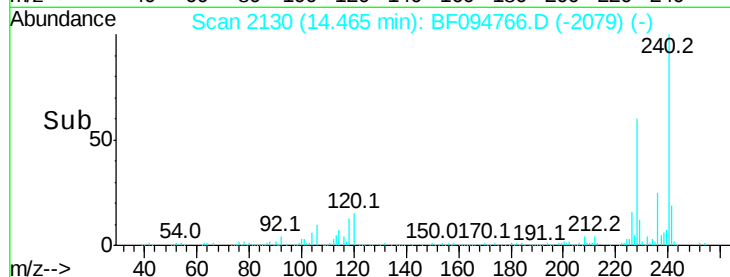
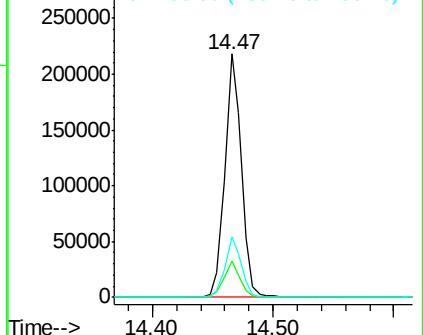
236 24.9 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 8.88 ng

RT: 12.88 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

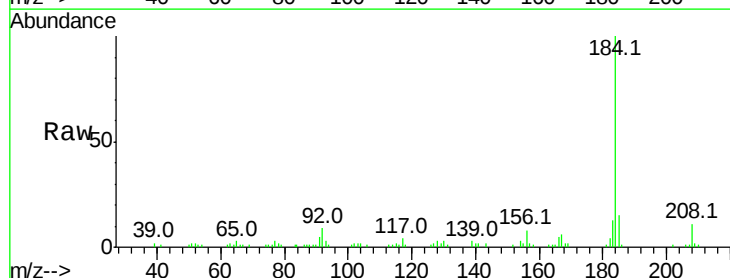
Tgt Ion:184 Resp: 74229

Ion Ratio Lower Upper

184 100

185 14.9 15.5 23.3#

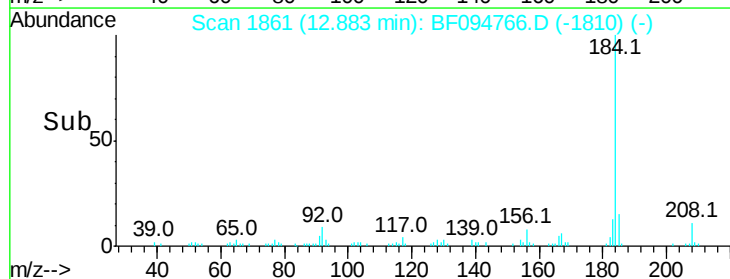
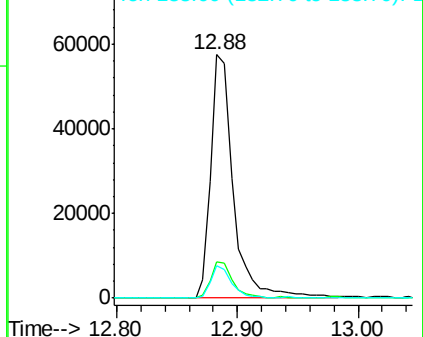
183 13.3 9.8 14.6

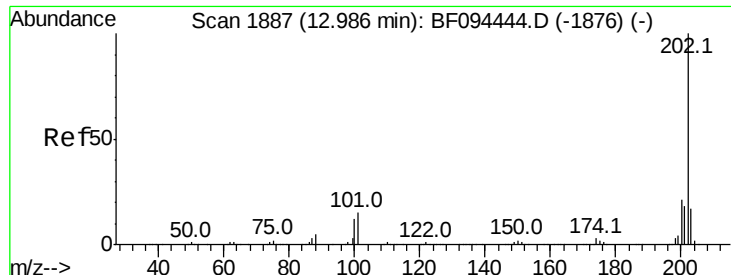


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

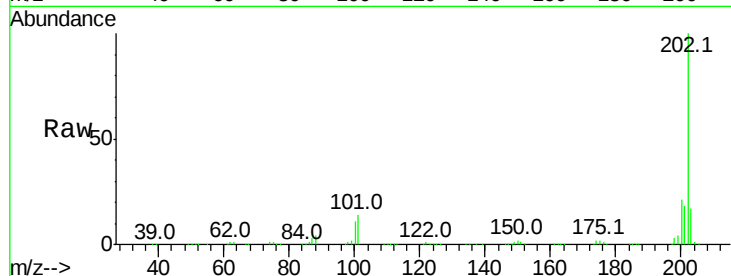




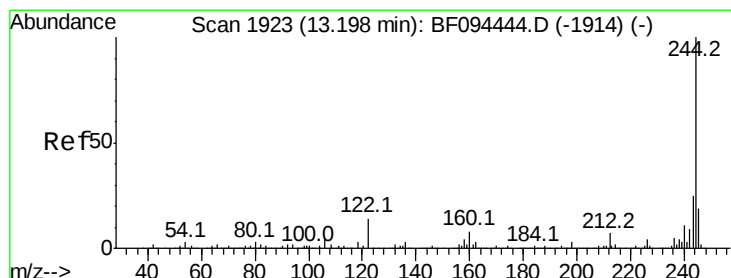
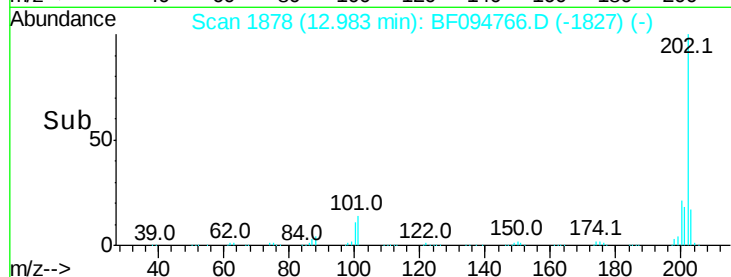
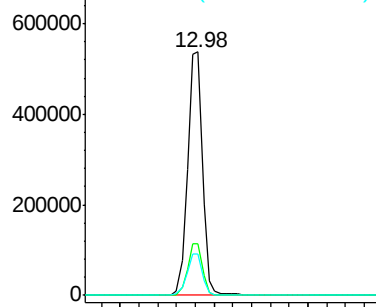
#77
Pvrene
Concen: 41.71 ng
RT: 12.98 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 601500
Ion Ratio Lower Upper
202 100
200 21.0 17.6 26.4
203 17.1 14.4 21.6

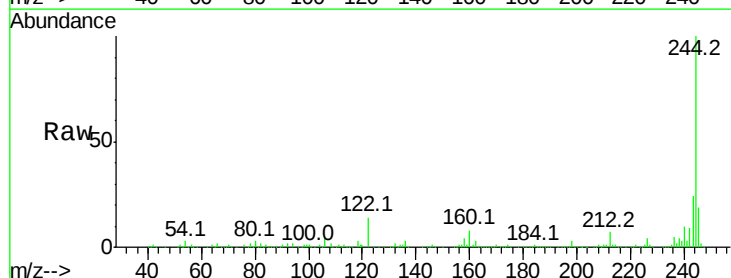


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

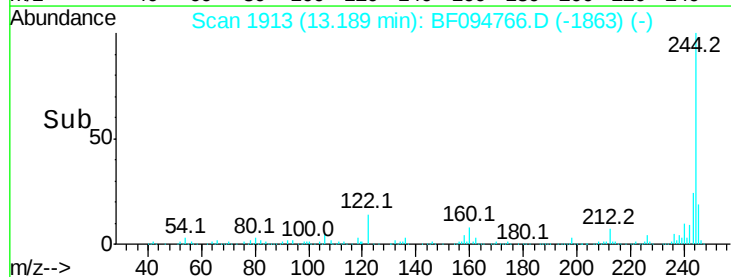
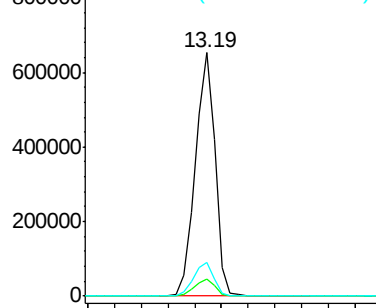


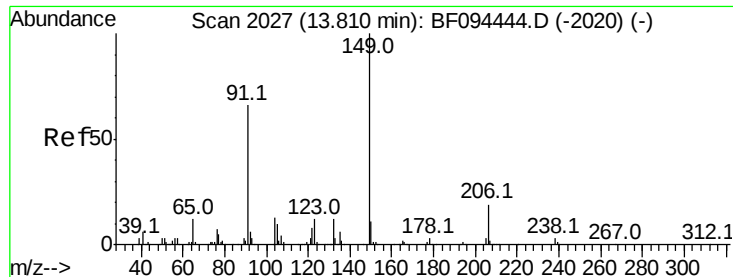
#78
Terphenyl-d14
Concen: 89.00 ng
RT: 13.19 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

Tgt Ion:244 Resp: 687312
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 14.1 10.3 15.5



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

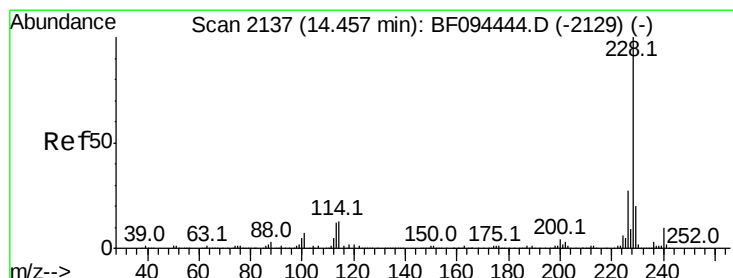
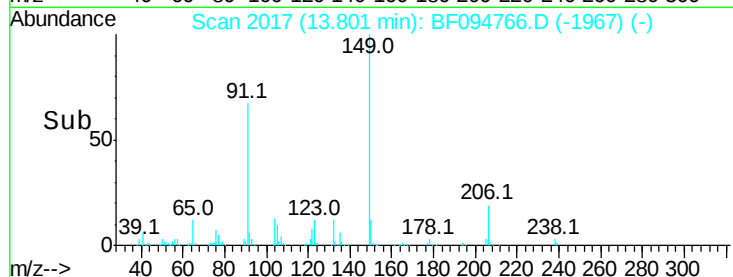
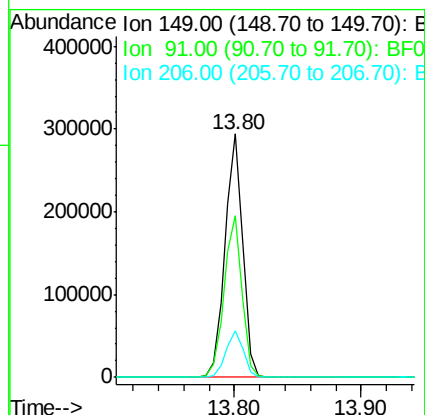
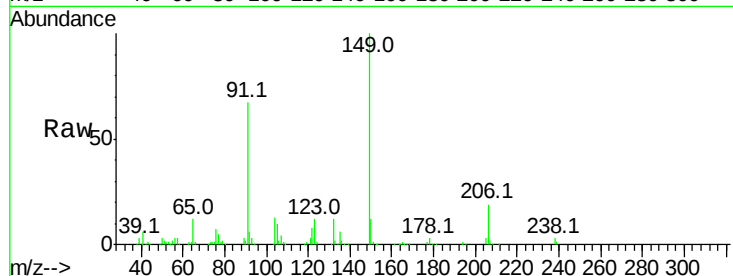




#79
Butylbenzylphthalate
Concen: 45.31 ng
RT: 13.80 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

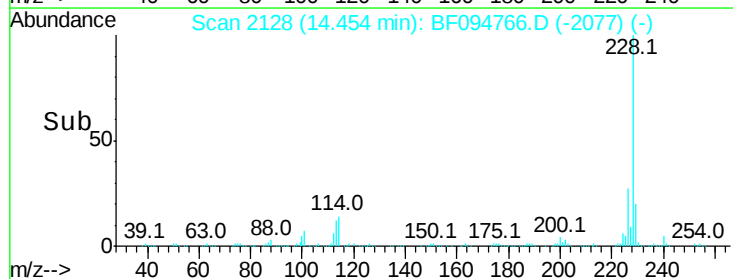
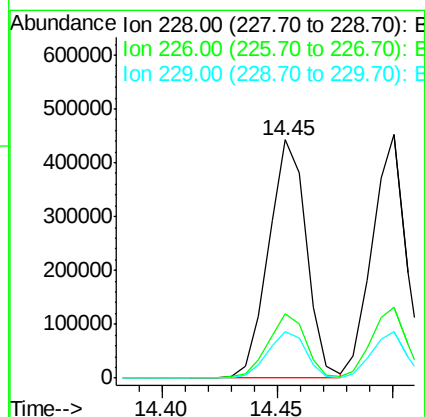
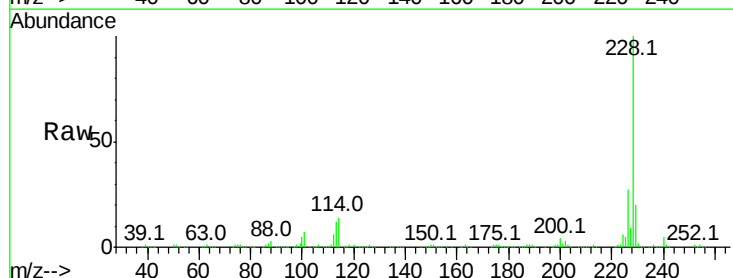
Instrument :
BNA_F
ClientSampleId :

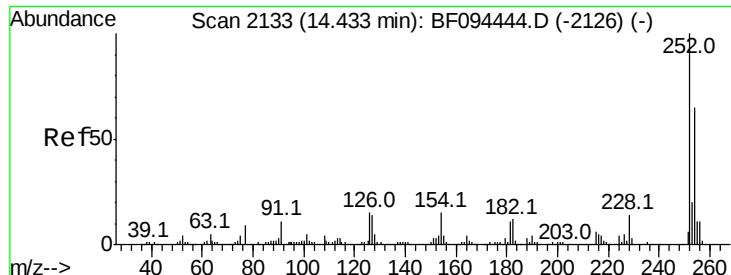
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.7	45.0	67.4
206	18.9	17.0	25.6



#80
Benzo(a)anthracene
Concen: 41.71 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	19.5	16.3	24.5

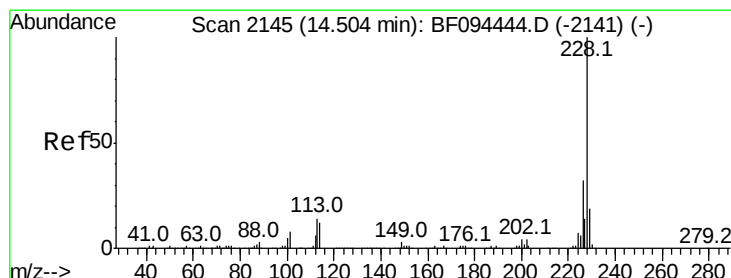
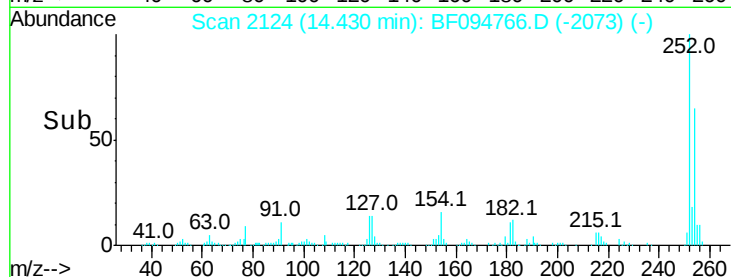
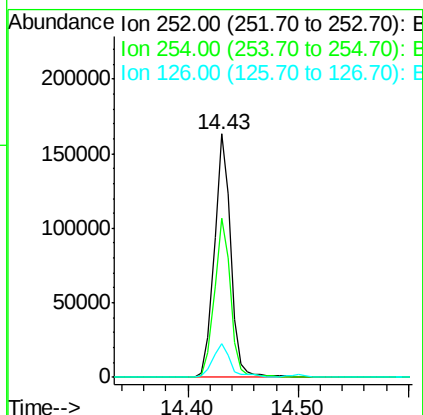
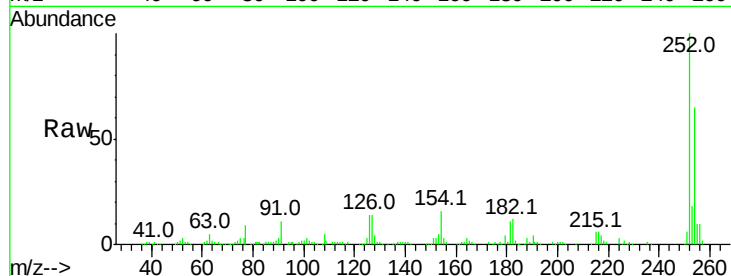




#81
 3,3'-Dichlorobenzidine
 Concen: 39.22 ng
 RT: 14.43 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

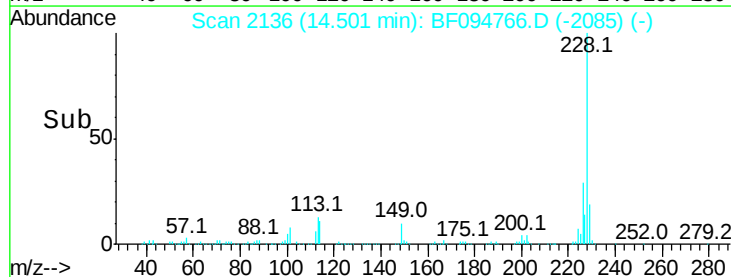
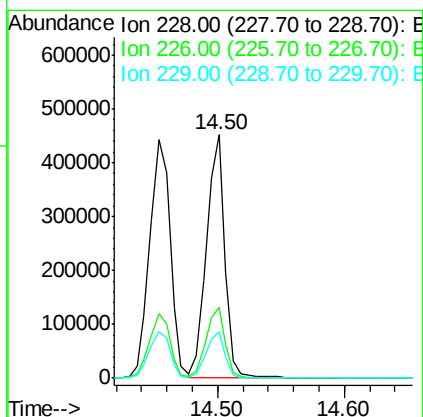
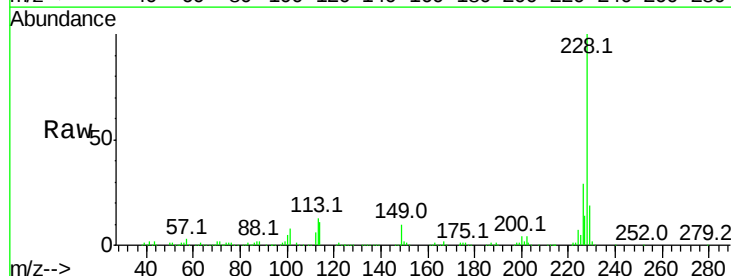
Instrument :
 BNA_F
 ClientSampled :

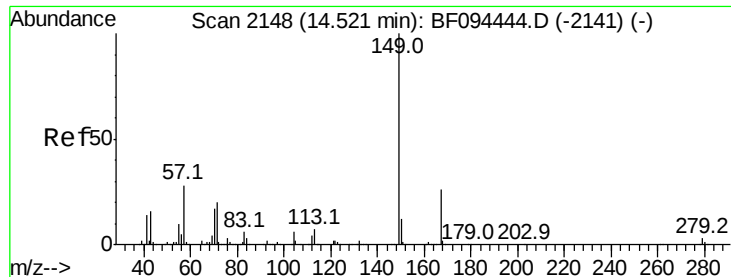
Tot Ion:252 Resp: 166592
 Ion Ratio Lower Upper
 252 100
 254 65.2 51.5 77.3
 126 13.9 15.8 23.8#



#82
 Chrysene
 Concen: 41.73 ng
 RT: 14.50 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion:228 Resp: 457561
 Ion Ratio Lower Upper
 228 100
 226 29.3 24.9 37.3
 229 18.9 15.8 23.6

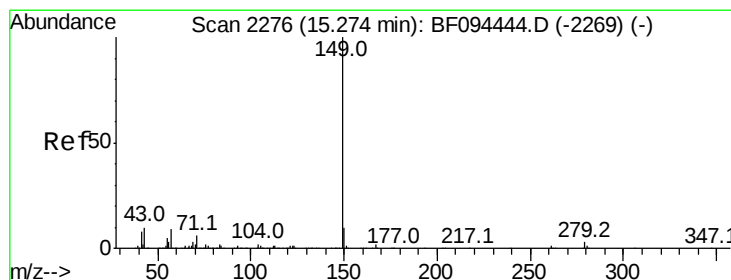
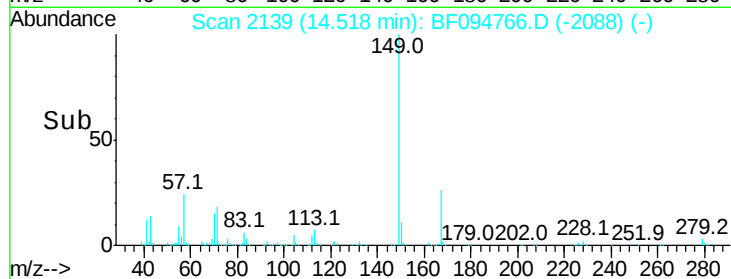
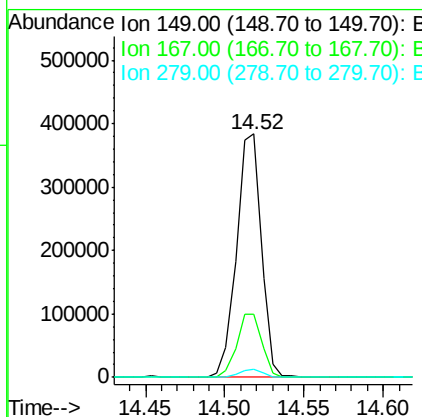
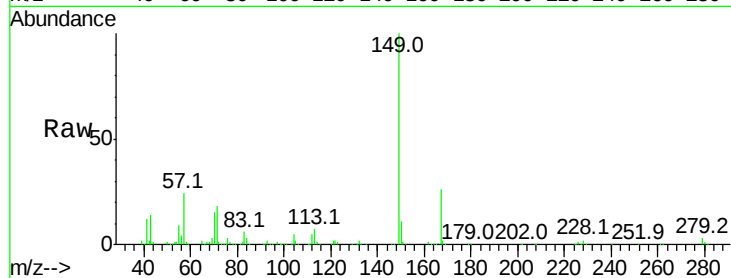




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.18 ng
 RT: 14.52 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

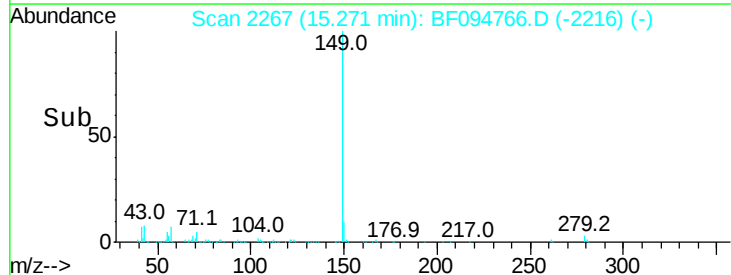
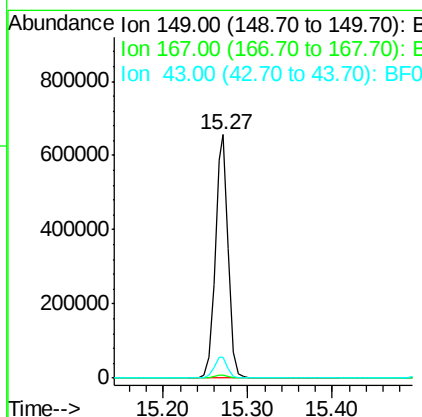
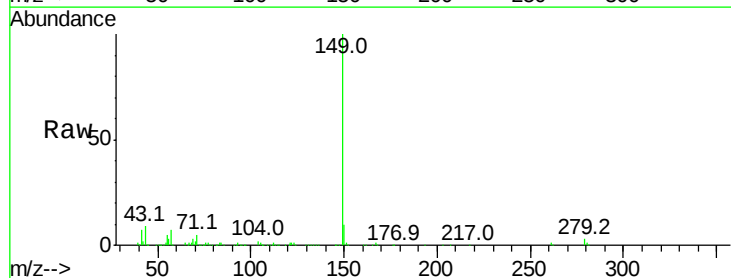
Instrument :
 BNA_F
 ClientSampleId :

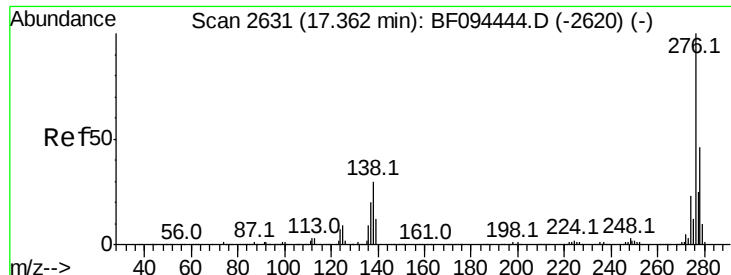
Tot Ion:149 Resp: 417320
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.0 31.4
 279 3.2 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 50.00 ng
 RT: 15.27 min Scan# 2267
 Delta R.T. -0.00 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion:149 Resp: 711666
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.0 8.5 12.7

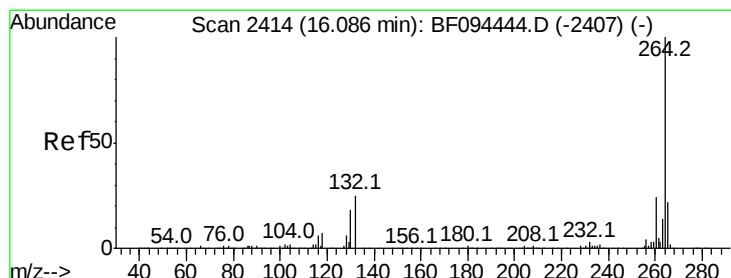
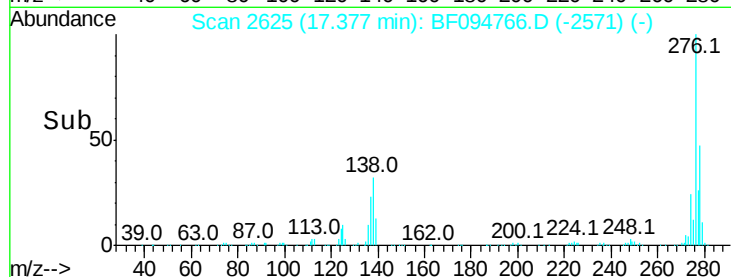
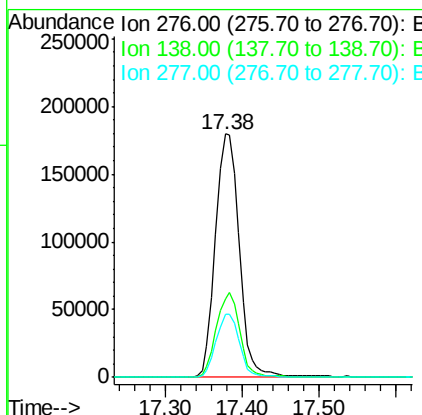
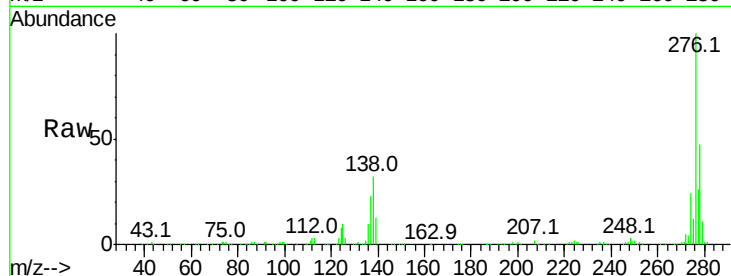




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.18 ng
 RT: 17.38 min Scan# 2625
 Delta R.T. 0.01 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

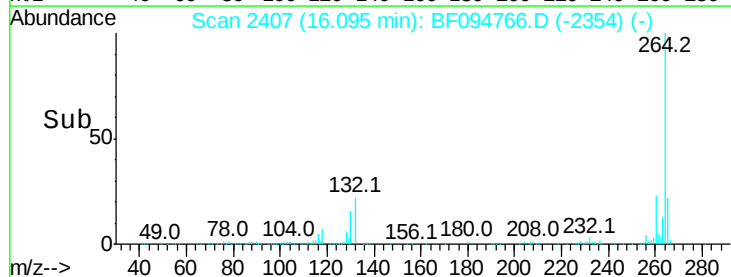
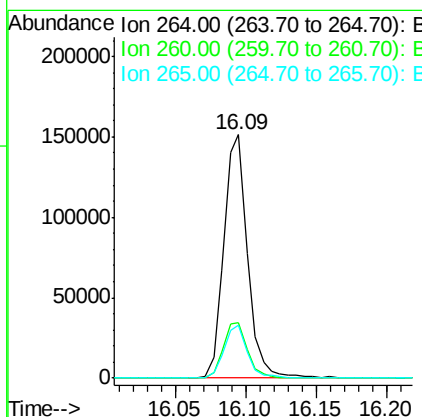
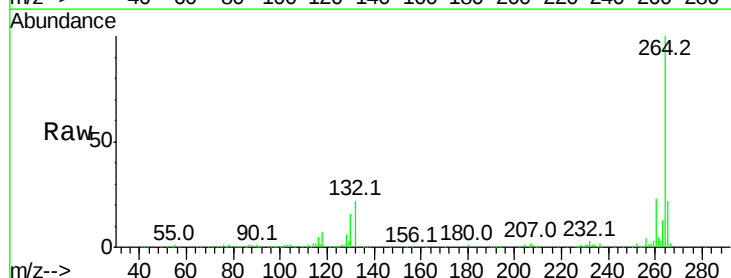
Instrument :
 BNA_F
 ClientSampleId :

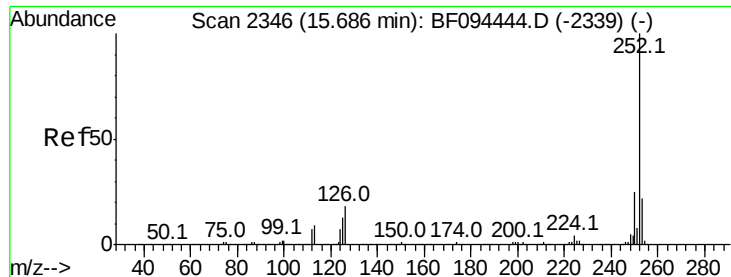
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.2	27.8	41.6
277	25.3	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094766.D
 Acq: 1 May 2017 23:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 39.95 ng

RT: 15.69 min Scan# 2339

Delta R.T. 0.01 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

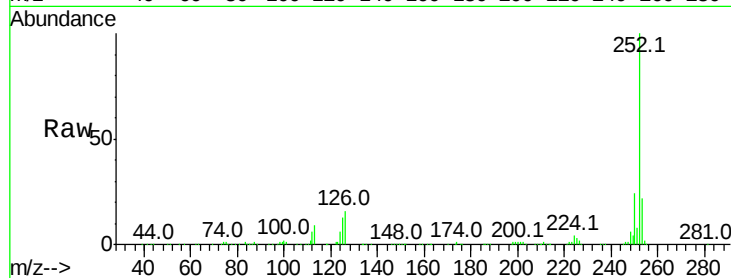
Tot Ion:252 Resp: 430787

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

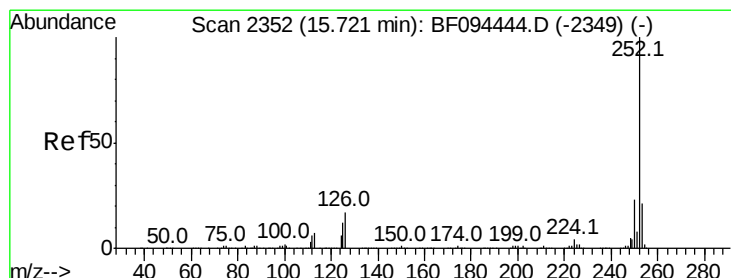
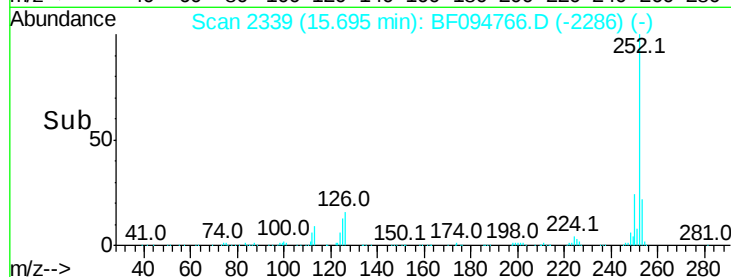
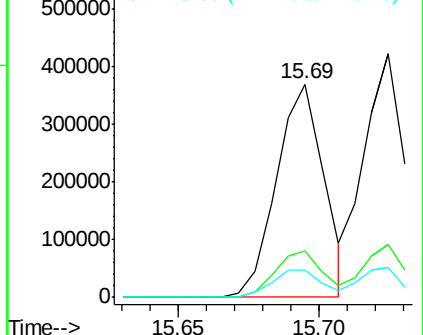
125 12.7 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.87 ng

RT: 15.72 min Scan# 2344

Delta R.T. 0.00 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

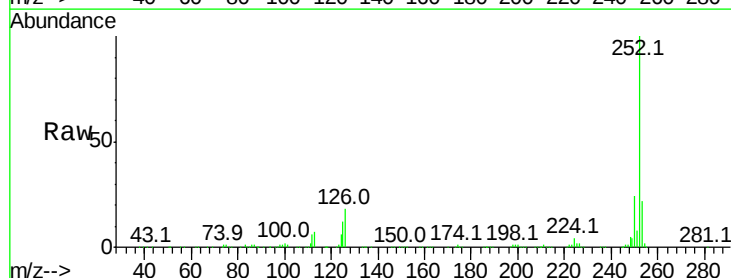
Tgt Ion:252 Resp: 437471

Ion Ratio Lower Upper

252 100

253 21.5 18.4 27.6

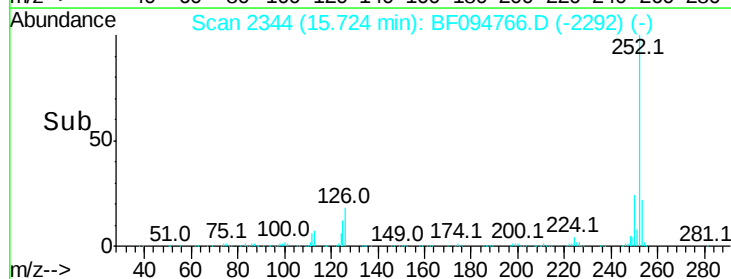
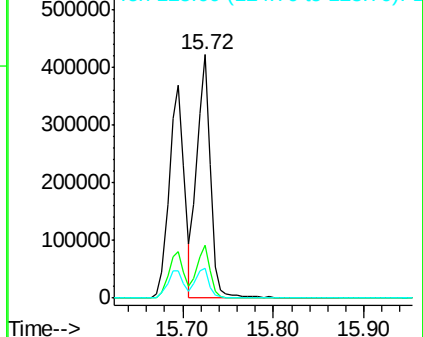
125 12.2 13.1 19.7#

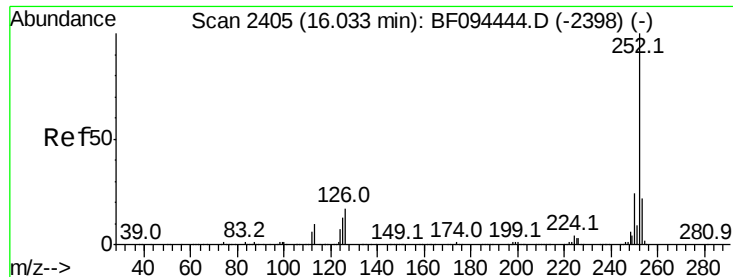


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

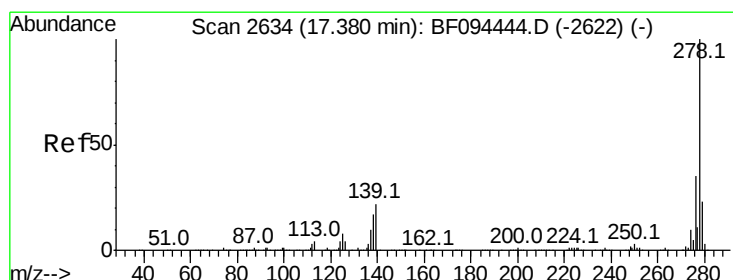
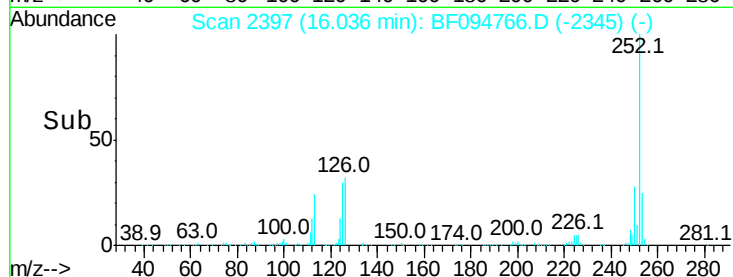
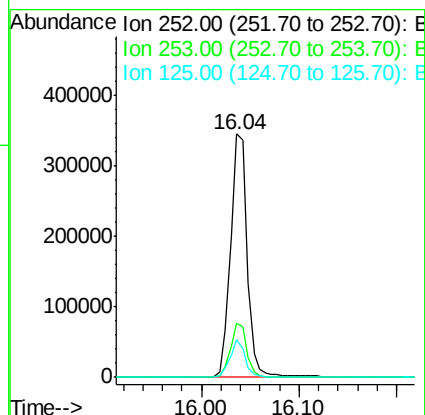
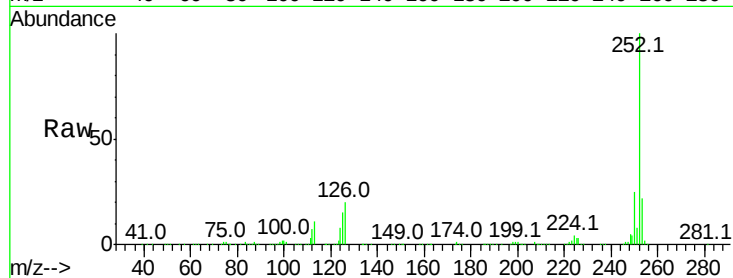




#89
Benzo(a)pyrene
Concen: 40.81 ng
RT: 16.04 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

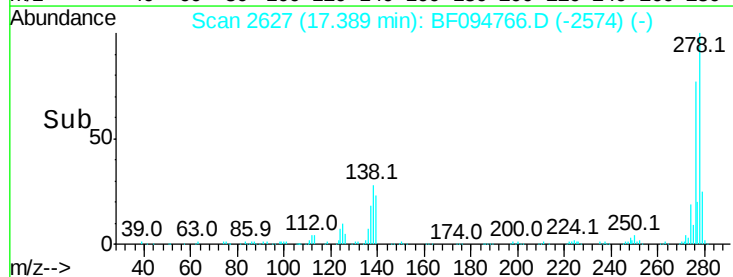
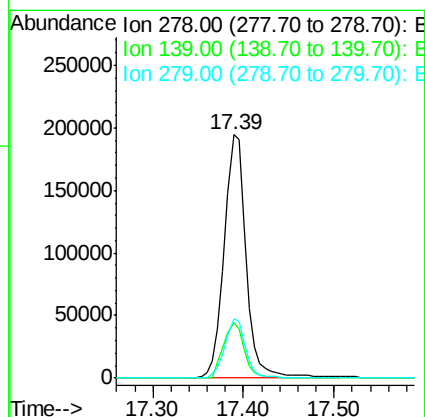
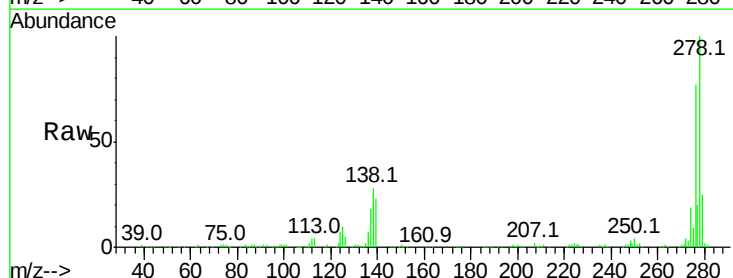
Instrument :
BNA_F
ClientSampleId :

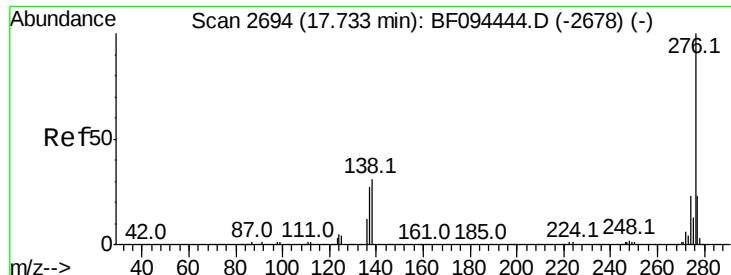
Tot Ion:252 Resp: 409354
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 15.3 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 39.21 ng
RT: 17.39 min Scan# 2627
Delta R.T. 0.01 min
Lab File: BF094766.D
Acq: 1 May 2017 23:36

Tgt Ion:278 Resp: 326643
Ion Ratio Lower Upper
278 100
139 22.7 16.6 24.8
279 24.5 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 38.16 ng

RT: 17.75 min Scan# 2689

Delta R.T. 0.02 min

Lab File: BF094766.D

Acq: 1 May 2017 23:36

Instrument :

BNA_F

ClientSampleId :

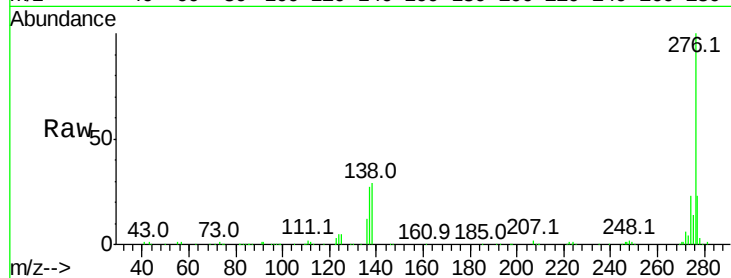
Tot Ion:276 Resp: 323636

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 29.2 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

