

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
 Data File : BF094698.D
 Acq On : 28 Apr 2017 21:53
 Operator : SJ/MA
 Sample : I2873-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 28 23:08:04 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	5.77	152	108443	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	419016	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	174897	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	274799	20.00	ng	0.00
75) Chrysene-d12	14.48	240	208678	20.00	ng	0.00
86) Perylene-d12	16.10	264	166941	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	763468	116.80	ng	0.03
7) Phenol-d6	5.41	99	903910	117.30	ng	0.01
23) Nitrobenzene-d5	6.42	82	555971	81.93	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	157353	115.02	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	947225	79.69	ng	0.00
78) Terphenyl-d14	13.20	244	651058	83.39	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.17	88	102114	26.86	ng	95
3) Pyridine	2.68	79	266204	32.04	ng	99
4) n-Nitrosodimethylamine	2.63	42	126420	36.77	ng	89
6) Aniline	5.41	93	222542	21.73	ng	# 69
8) 2-Chlorophenol	5.55	128	291261	39.16	ng	94
9) Benzaldehyde	5.28	77	74333	12.68	ng	99
10) Phenol	5.42	94	366600	38.73	ng	92
11) bis(2-Chloroethyl)ether	5.48	93	269696	39.00	ng	97
12) 1,3-Dichlorobenzene	5.71	146	310937	37.73	ng	99
13) 1,4-Dichlorobenzene	5.79	146	322669	38.92	ng	94
14) 1,2-Dichlorobenzene	5.97	146	291865	38.22	ng	97
15) Benzyl Alcohol	5.95	79	219433	38.39	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.10	45	347638	38.34	ng	# 44
17) 2-Methylphenol	6.10	107	231445	39.51	ng	# 92
18) Hexachloroethane	6.35	117	90863	31.97	ng	# 82
19) n-Nitroso-di-n-propylamine	6.26	70	201973	39.56	ng	96
20) 3+4-Methylphenols	6.28	107	324486	40.76	ng	# 61
22) Acetophenone	6.25	105	409975	40.24	ng	# 84
24) Nitrobenzene	6.44	77	285838	40.00	ng	94
25) Isophorone	6.73	82	508985	40.46	ng	96
26) 2-Nitrophenol	6.82	139	142697	37.17	ng	97
27) 2,4-Dimethylphenol	6.90	122	251190	40.28	ng	97
28) bis(2-Chloroethoxy)methane	6.99	93	328842	40.41	ng	99
29) 2,4-Dichlorophenol	7.12	162	238653	41.14	ng	98
30) 1,2,4-Trichlorobenzene	7.20	180	234432	39.09	ng	98
31) Naphthalene	7.29	128	804187	39.92	ng	99
32) Benzoic acid	7.02	122	12269	3.72	ng	90
33) 4-Chloroaniline	7.37	127	70486	8.41	ng	# 90
34) Hexachlorobutadiene	7.44	225	120182	40.19	ng	98
35) Caprolactam	7.82	113	44850	24.61	ng	# 82
36) 4-Chloro-3-methylphenol	8.00	107	241209	39.68	ng	86
37) 2-Methylnaphthalene	8.13	142	543071	39.41	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	210583	42.28	ng	99
40) Hexachlorocyclopentadiene	8.32	237	52919	26.27	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

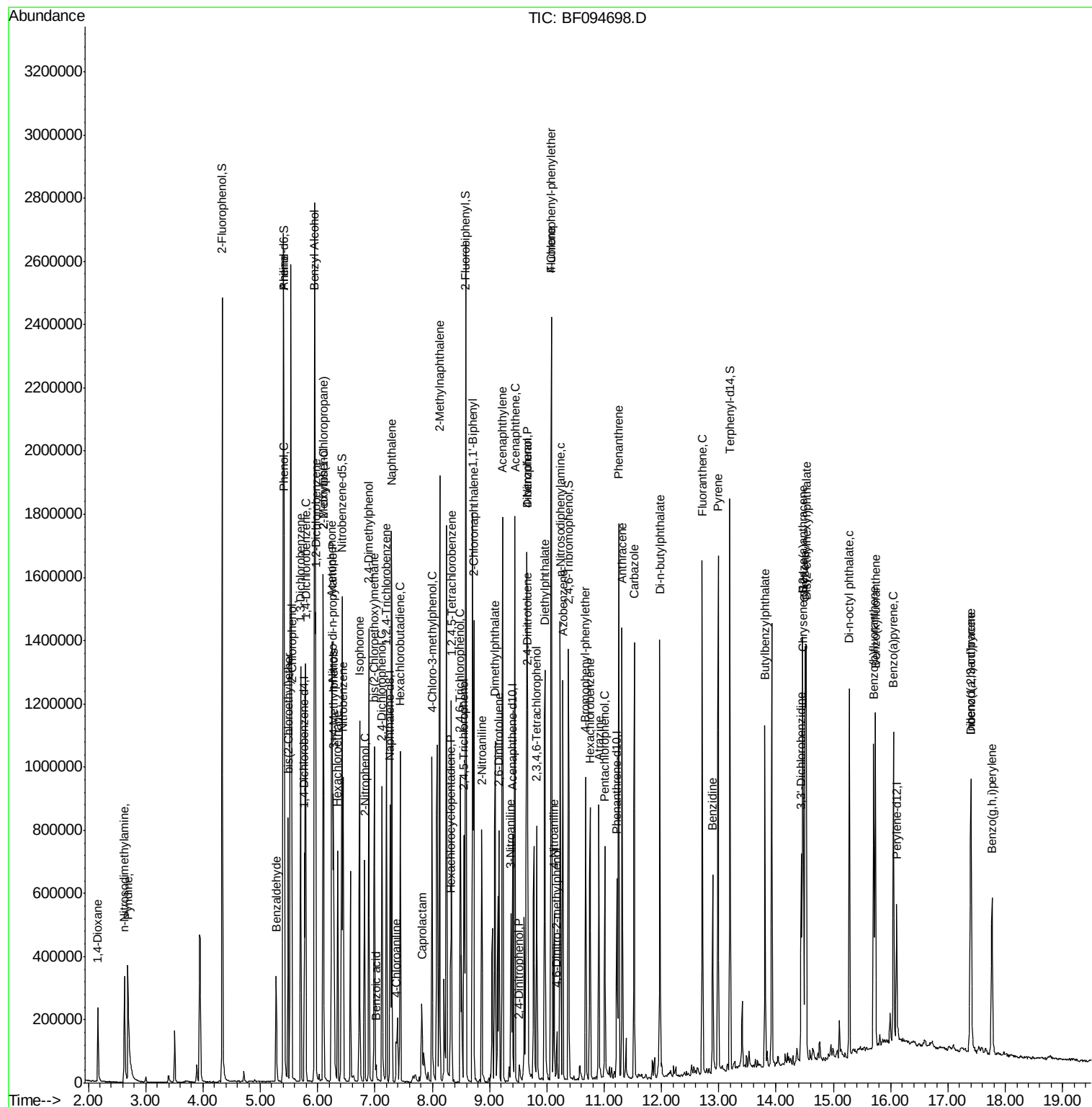
42) 2,4,6-Trichlorophenol	8.50	196	151505	43.32	nq	94
43) 2,4,5-Trichlorophenol	8.55	196	150833	42.00	nq	94
45) 1,1'-Biphenyl	8.70	154	605807	42.39	nq	98
46) 2-Chloronaphthalene	8.72	162	466198	41.03	nq	95
47) 2-Nitroaniline	8.87	65	137620	42.10	nq	# 80
48) Acenaphthylene	9.22	152	716588	40.46	nq	99
49) Dimethylphthalate	9.10	163	607514	46.61	nq	99
50) 2,6-Dinitrotoluene	9.17	165	114155	39.02	nq	# 89
51) Acenaphthene	9.44	154	427281	40.28	nq	99
52) 3-Nitroaniline	9.37	138	89846	26.54	nq	90
53) 2,4-Dinitrophenol	9.52	184	12081	12.82	nq	# 71
54) Dibenzofuran	9.65	168	624424	40.50	nq	96
55) 4-Nitrophenol	9.65	139	382327	159.88	nq	# 35
56) 2,4-Dinitrotoluene	9.67	165	138315	38.53	nq	# 83
57) Fluorene	10.08	166	475173	39.57	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	103714	40.29	nq	97
59) Diethylphthalate	9.97	149	519171	42.22	nq	98
60) 4-Chlorophenyl-phenylether	10.08	204	208134	41.65	nq	91
61) 4-Nitroaniline	10.12	138	109527	31.83	nq	95
62) Azobenzene	10.28	77	462627	38.74	nq	94
64) 4,6-Dinitro-2-methylphenol	10.17	198	23214	12.89	nq	# 72
65) n-Nitrosodiphenylamine	10.24	169	426735	44.65	nq	100
66) 4-Bromophenyl-phenylether	10.68	248	119271	43.71	nq	98
67) Hexachlorobenzene	10.75	284	117326	42.67	nq	# 90
68) Atrazine	10.91	200	119954	41.96	nq	98
69) Pentachlorophenol	11.01	266	96372	88.26	nq	96
70) Phenanthrene	11.25	178	733640	47.41	nq	98
71) Anthracene	11.32	178	666397	41.63	nq	98
72) Carbazole	11.52	167	596726	39.72	nq	98
73) Di-n-butylphthalate	11.97	149	762090	46.07	nq	99
74) Fluoranthene	12.71	202	761355	47.47	nq	98
76) Benzidine	12.90	184	303401	35.91	nq	# 93
77) Pyrene	12.99	202	753315	51.67	nq	99
79) Butylbenzylphthalate	13.81	149	289872	45.37	nq	# 87
80) Benzo(a)anthracene	14.47	228	550676	45.40	nq	98
81) 3,3'-Dichlorobenzidine	14.44	252	149313	34.78	nq	# 95
82) Chrysene	14.51	228	492646	44.44	nq	98
83) Bis(2-ethylhexyl)phthalate	14.52	149	407402	47.49	nq	# 100
84) Di-n-octyl phthalate	15.28	149	661644	45.98	nq	97
85) Indeno(1,2,3-cd)pyrene	17.39	276	396247	37.57	nq	99
87) Benzo(b)fluoranthene	15.71	252	490471	48.03	nq	99
88) Benzo(k)fluoranthene	15.73	252	397846	41.17	nq	97
89) Benzo(a)pyrene	16.05	252	418679	44.07	nq	99
90) Dibenzo(a,h)anthracene	17.41	278	322624	40.90	nq	99
91) Benzo(g,h,i)perylene	17.77	276	330237	41.12	nq	96

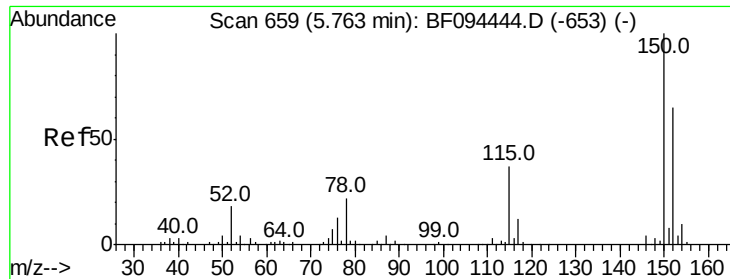
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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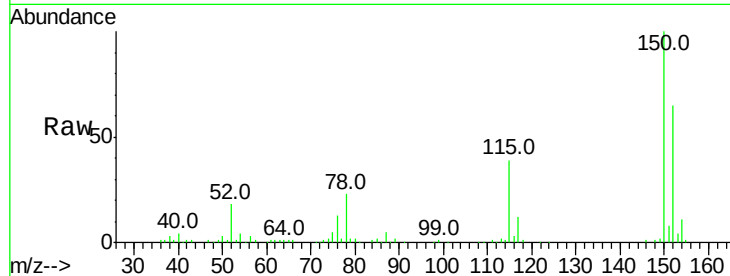


#1

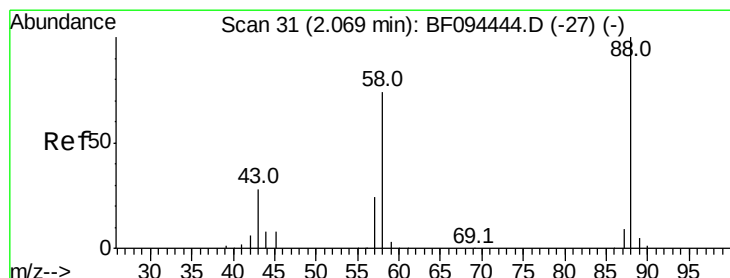
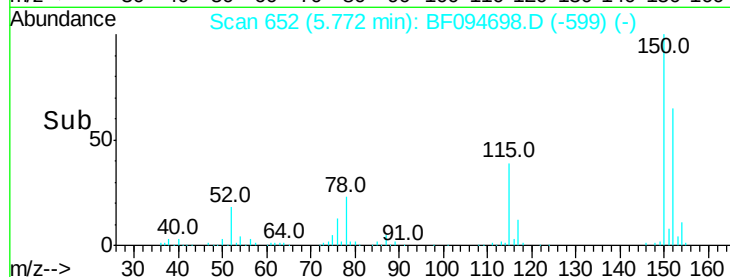
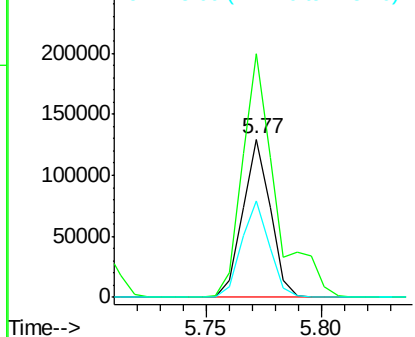
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 108443
Ion Ratio Lower Upper
152 100
150 154.0 126.2 189.2
115 60.7 52.2 78.2



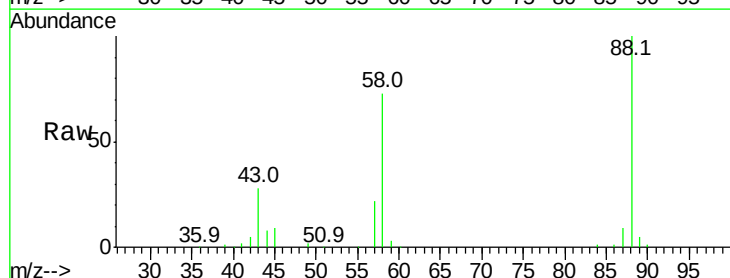
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



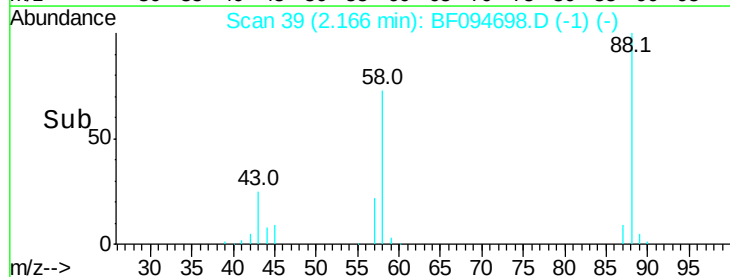
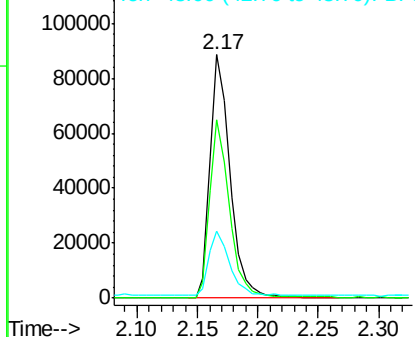
#2

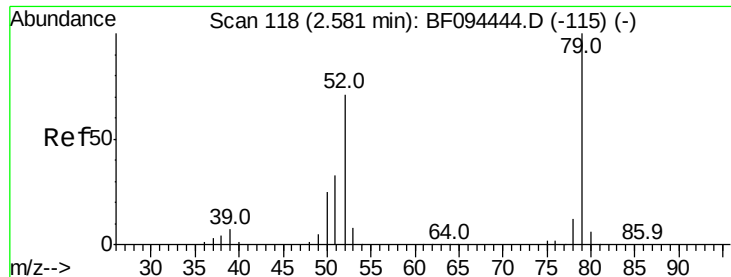
1,4-Dioxane
Concen: 26.86 ng
RT: 2.17 min Scan# 39
Delta R.T. 0.10 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Tgt Ion: 88 Resp: 102114
Ion Ratio Lower Upper
88 100
58 71.8 61.4 92.0
43 28.0 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: 32.04 ng

RT: 2.68 min Scan# 127

Delta R.T. 0.10 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :

BNA_F

ClientSampleId :

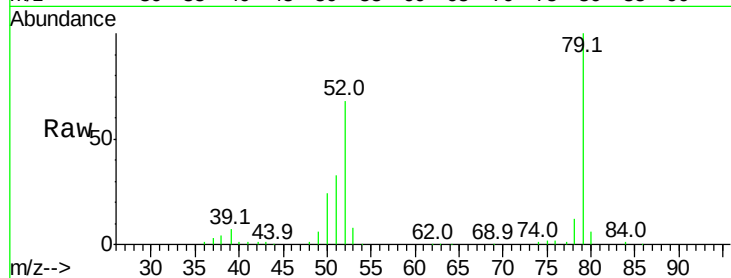
Tot Ion: 79 Resp: 266204

Ion Ratio Lower Upper

79 100

52 68.1 54.8 82.2

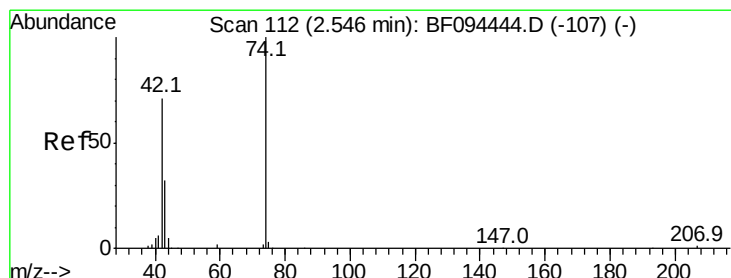
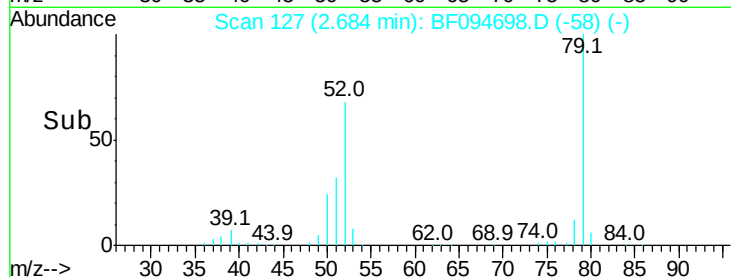
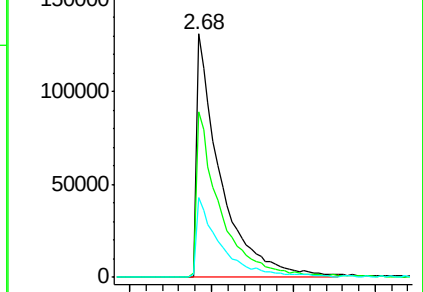
51 32.6 27.0 40.4



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: 36.77 ng

RT: 2.63 min Scan# 118

Delta R.T. 0.09 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

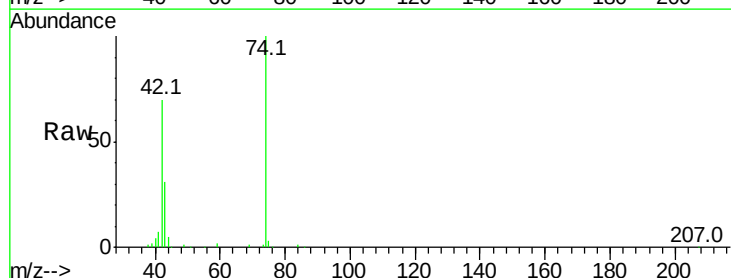
Tgt Ion: 42 Resp: 126420

Ion Ratio Lower Upper

42 100

74 143.4 103.9 155.9

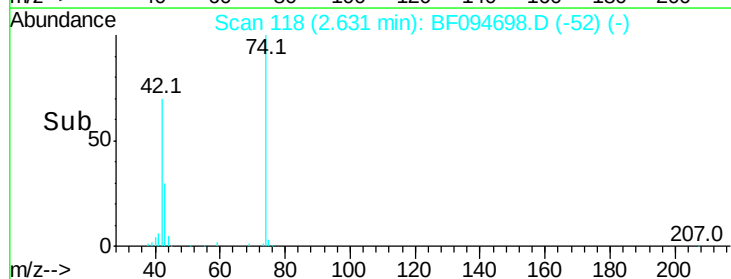
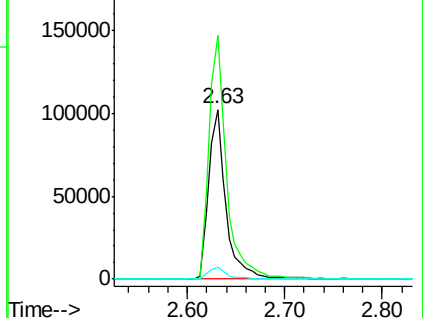
44 7.1 5.7 8.5

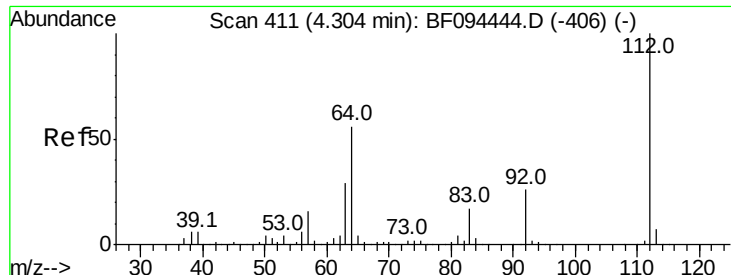


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 116.80 ng

RT: 4.34 min Scan# 408

Delta R.T. 0.03 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :

BNA_F

ClientSampled :

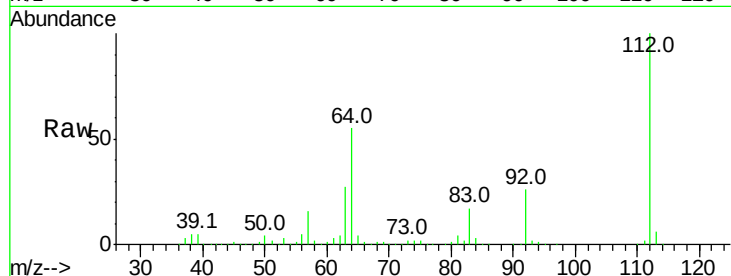
Tot Ion:112 Resp: 763468

Ion Ratio Lower Upper

112 100

64 55.3 46.0 69.0

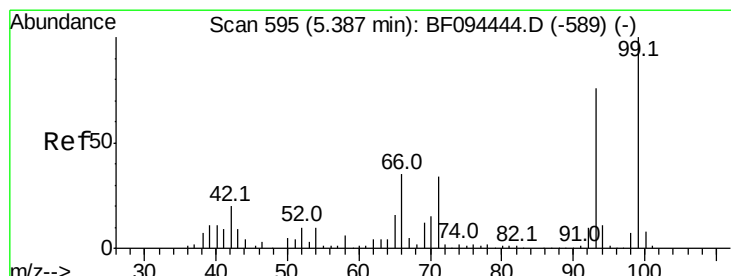
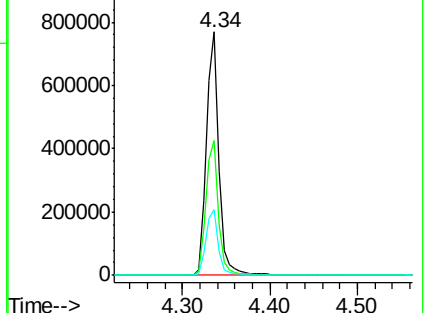
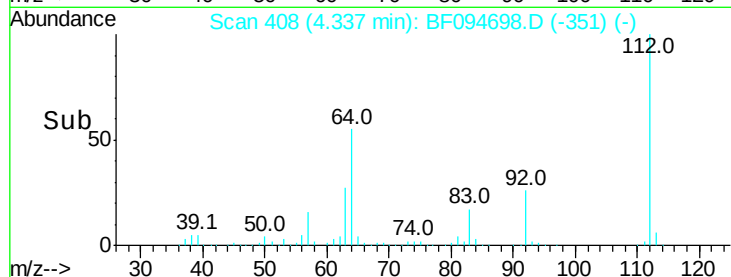
63 27.1 23.4 35.0



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: 21.73 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.02 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

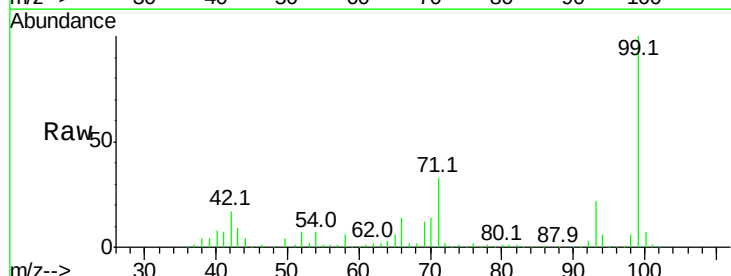
Tgt Ion: 93 Resp: 222542

Ion Ratio Lower Upper

93 100

66 65.6 32.9 49.3#

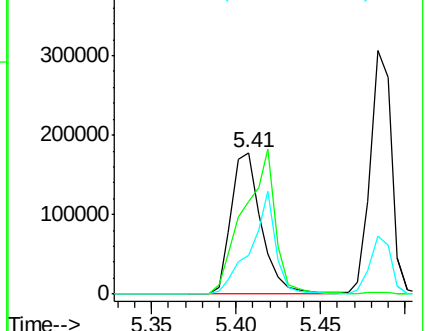
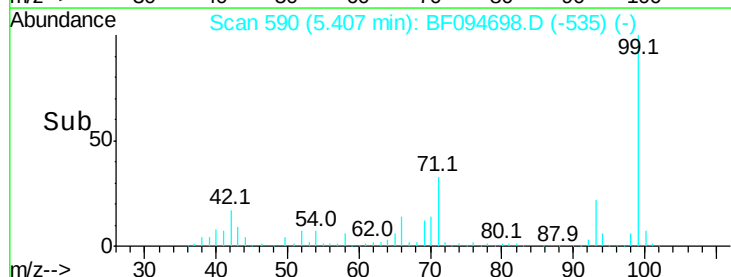
65 27.1 16.0 24.0#

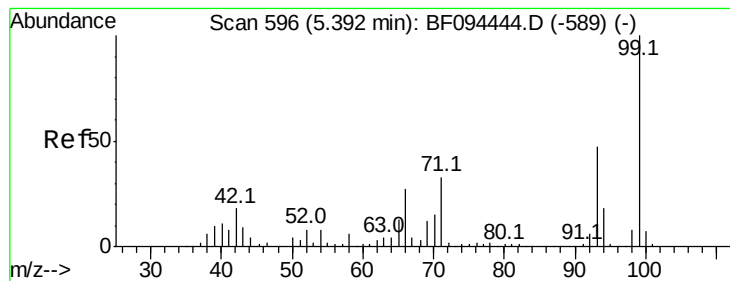


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.30 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

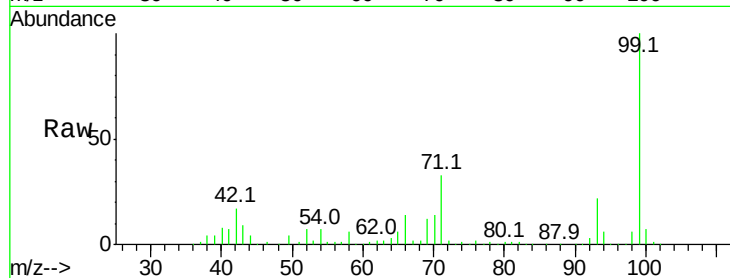
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 903910

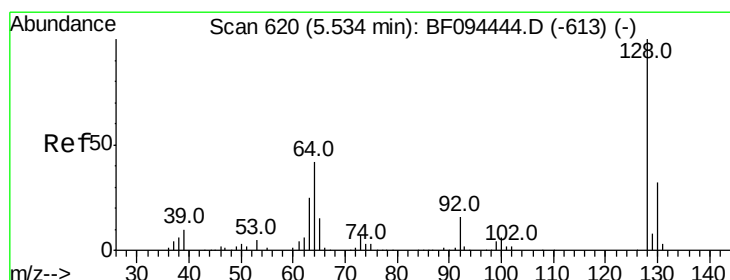
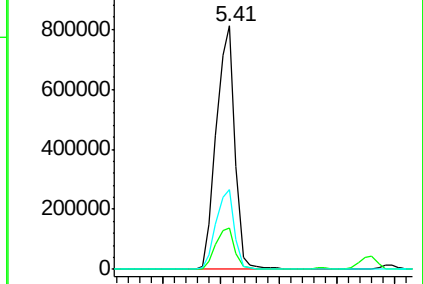
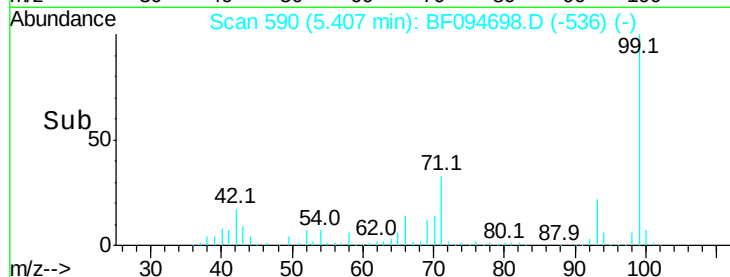
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	32.7	24.5	36.7



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: 39.16 ng

RT: 5.55 min Scan# 614

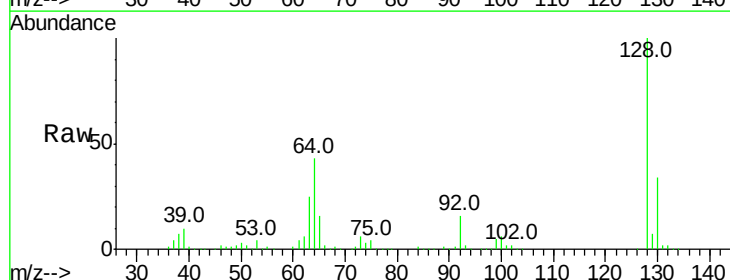
Delta R.T. 0.01 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Tgt Ion:128 Resp: 291261

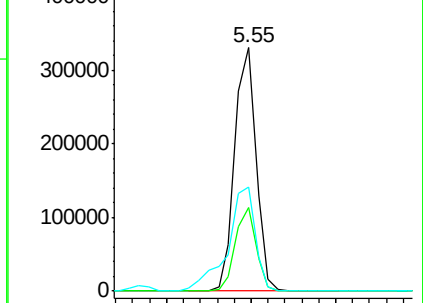
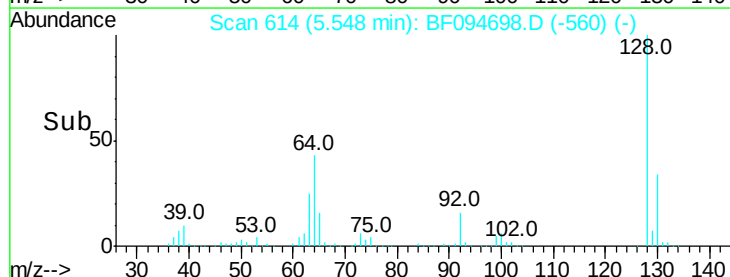
Ion	Ratio	Lower	Upper
128	100		
130	34.4	12.9	52.9
64	42.9	28.4	68.4

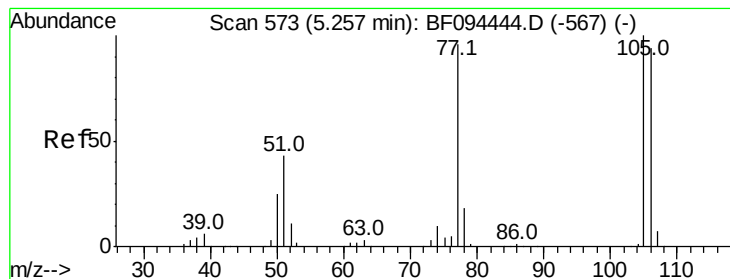


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.68 ng

RT: 5.28 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF094698.D

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Instrument :

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ClientSampled :

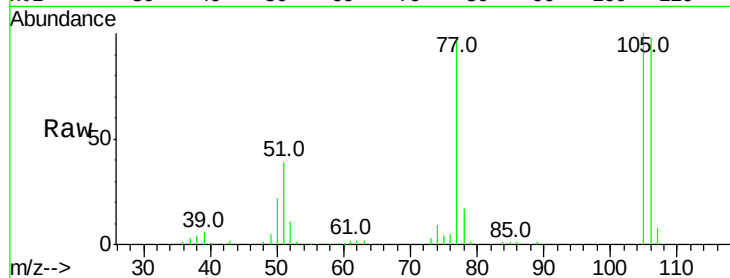
Tot Ion: 77 Resp: 74333

Ion Ratio Lower Upper

77 100

105 102.9 83.8 123.8

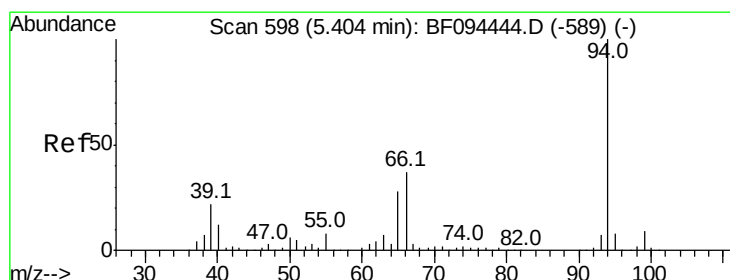
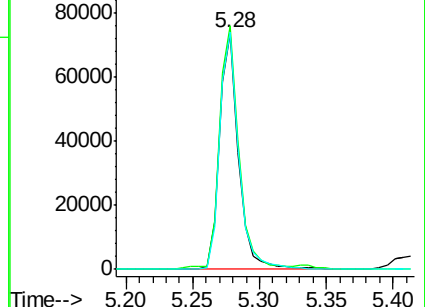
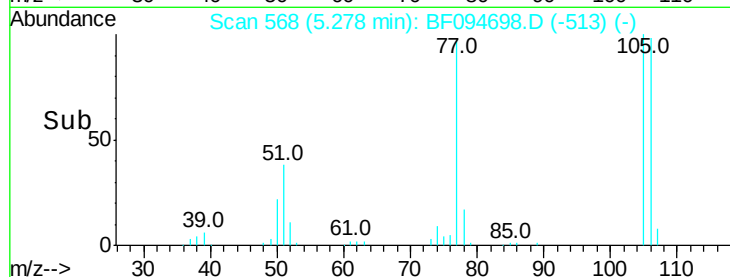
106 100.5 79.1 119.1



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: 38.73 ng

RT: 5.42 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

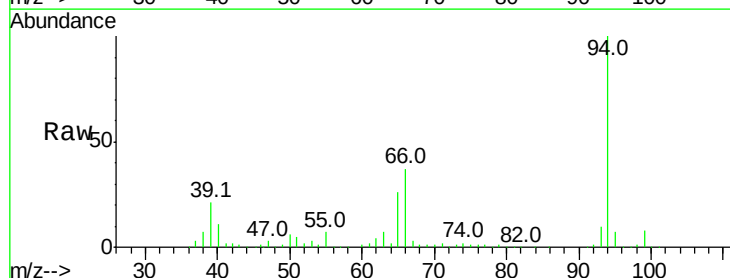
Tgt Ion: 94 Resp: 366600

Ion Ratio Lower Upper

94 100

65 26.5 9.9 49.9

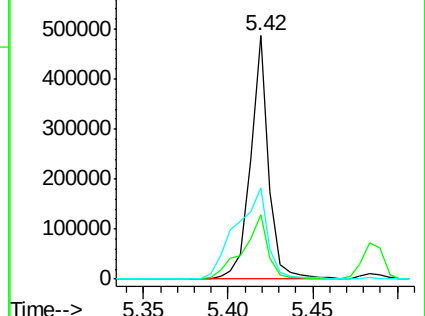
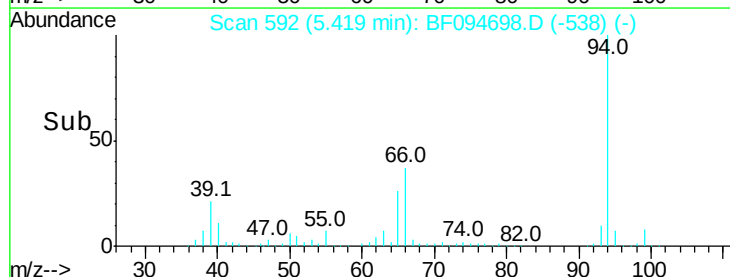
66 37.4 23.1 63.1

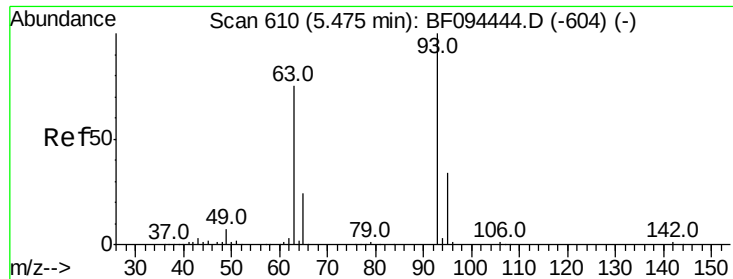


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.00 ng

RT: 5.48 min Scan# 603

Delta R.T. 0.01 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :

BNA_F

ClientSampleId :

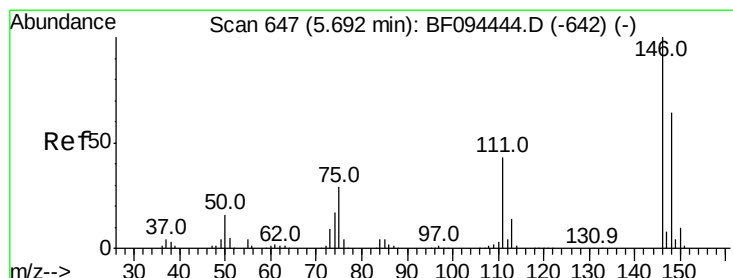
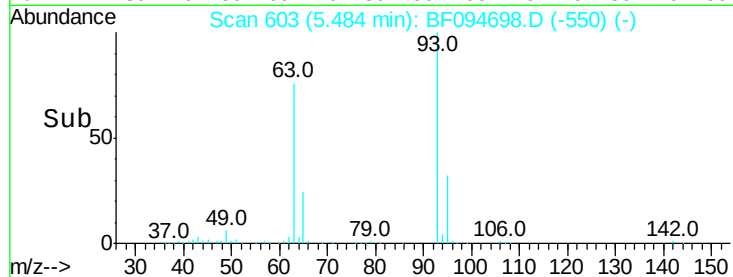
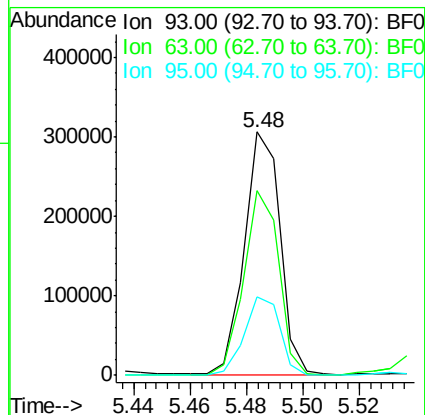
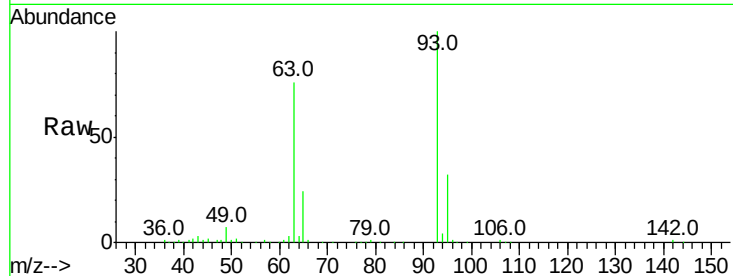
Tot Ion: 93 Resp: 269696

Ion Ratio Lower Upper

93 100

63 75.8 59.2 99.2

95 32.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 37.73 ng

RT: 5.71 min Scan# 641

Delta R.T. 0.01 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

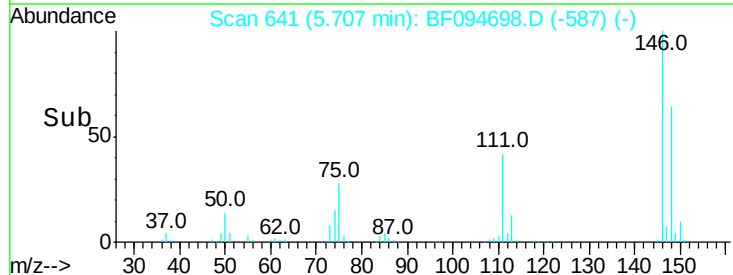
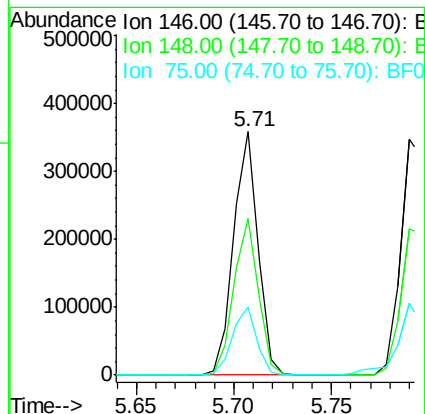
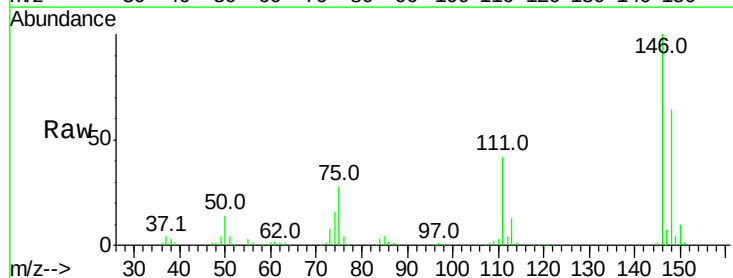
Tgt Ion: 146 Resp: 310937

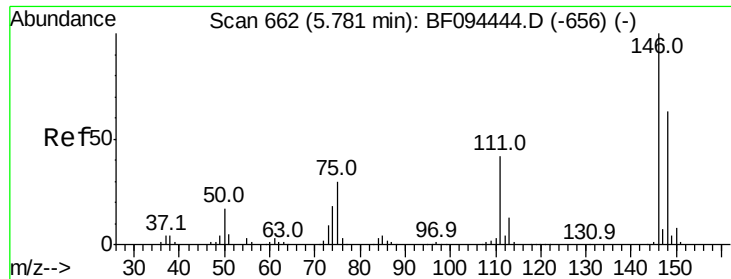
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.6

75 28.1 23.1 34.7

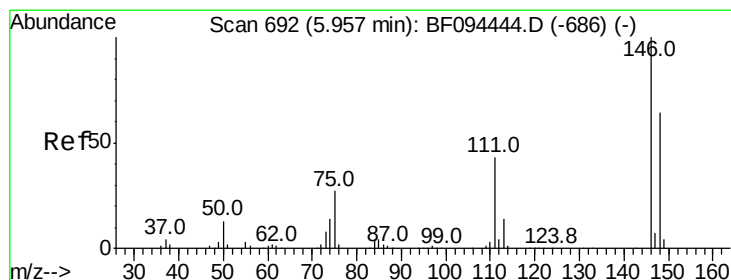
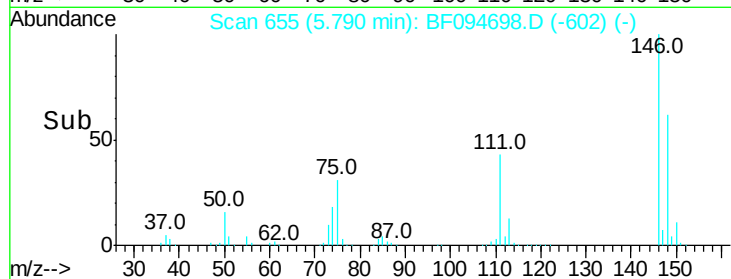
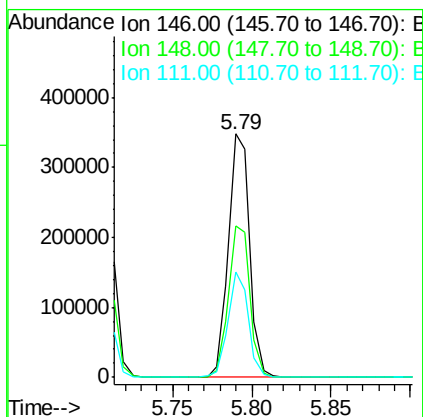
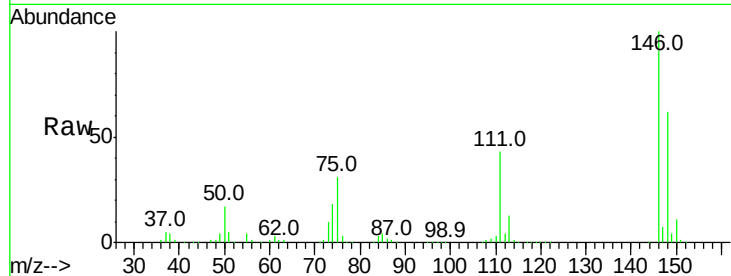




#13
 1,4-Dichlorobenzene
 Concen: 38.92 ng
 RT: 5.79 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

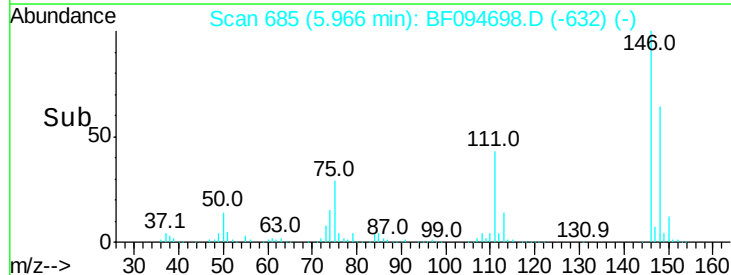
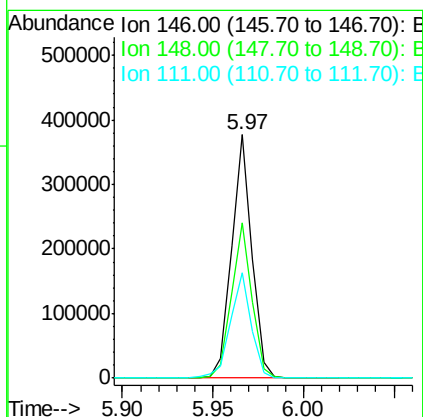
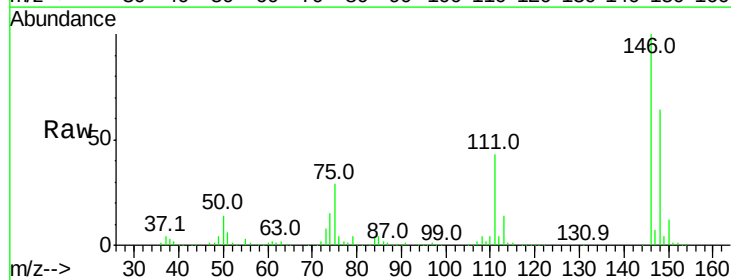
Instrument :
 BNA_F
 ClientSampleId :

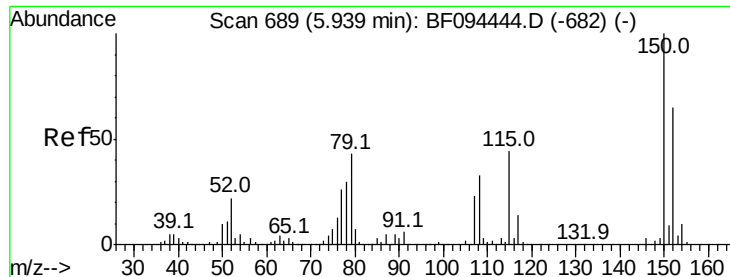
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.2	52.2	78.2
111	43.0	30.3	45.5



#14
 1,2-Dichlorobenzene
 Concen: 38.22 ng
 RT: 5.97 min Scan# 685
 Delta R.T. 0.01 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.4	75.6
111	43.3	38.2	57.4

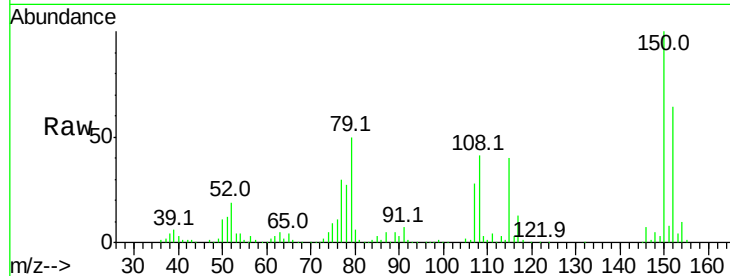




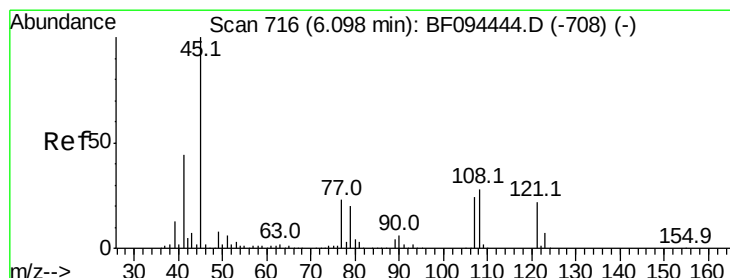
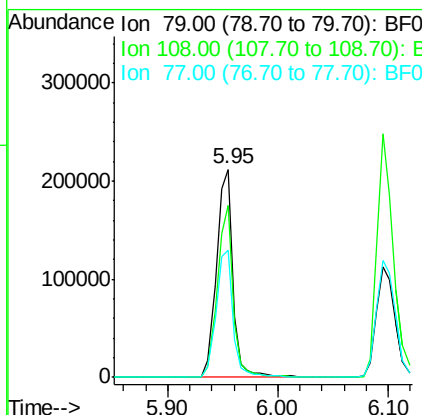
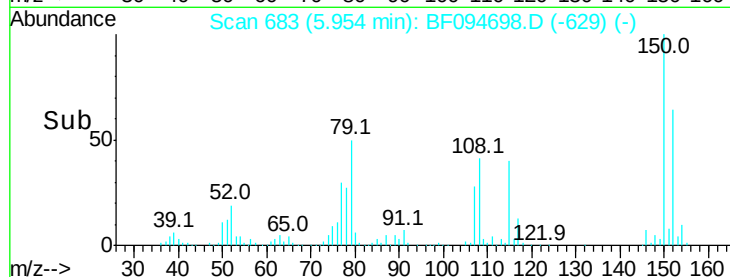
#15
Benzyl Alcohol
Concen: 38.39 ng
RT: 5.95 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 219433
Ion Ratio Lower Upper
79 100
108 82.9 63.4 95.0
77 60.9 49.2 73.8

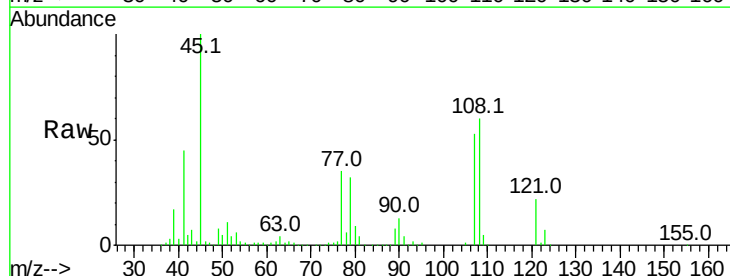


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

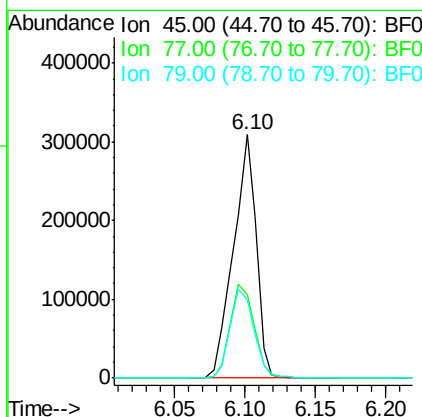
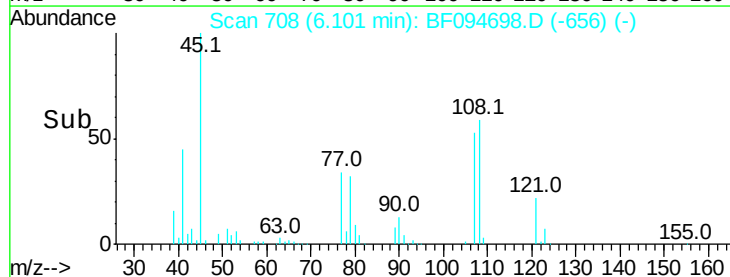


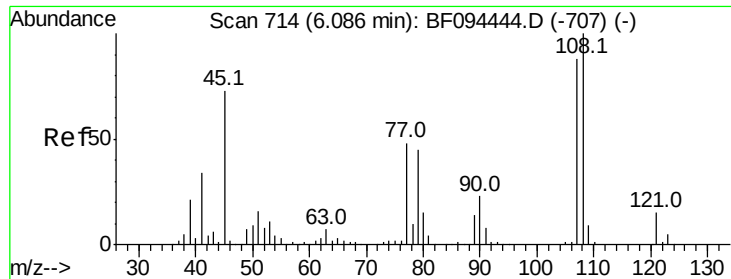
#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.34 ng
RT: 6.10 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Tgt Ion: 45 Resp: 347638
Ion Ratio Lower Upper
45 100
77 34.5 0.0 33.2#
79 32.1 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

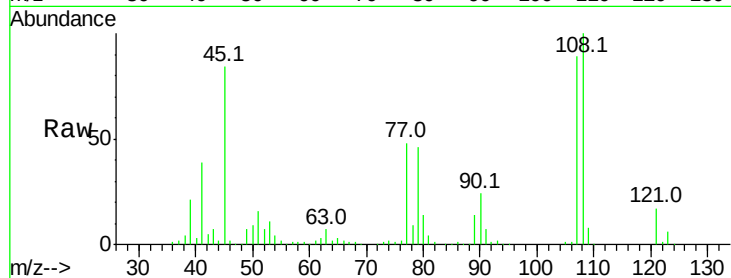




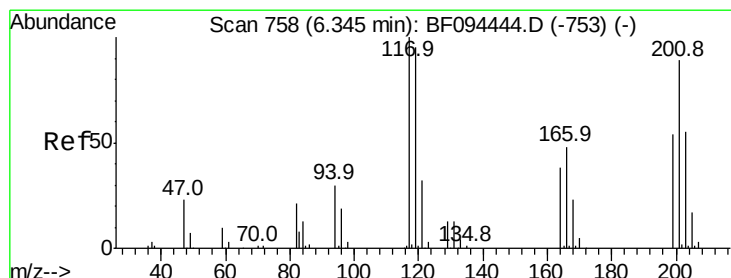
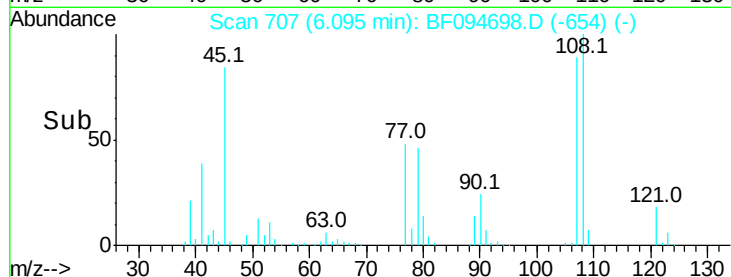
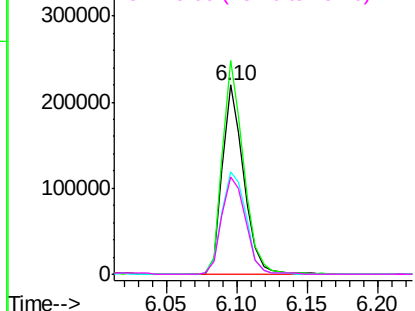
#17
2-Methylphenol
Concen: 39.51 ng
RT: 6.10 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 231445
Ion Ratio Lower Upper
107 100
108 112.9 93.4 140.0
77 54.3 35.8 53.6#
79 51.4 34.8 52.2

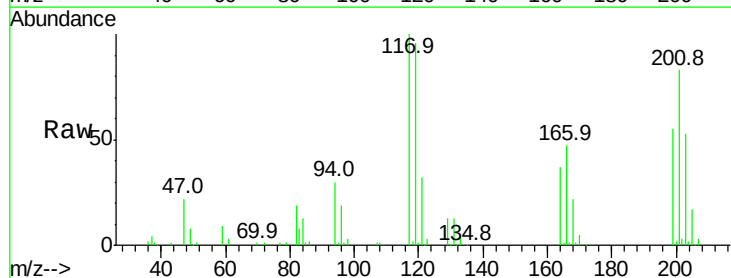


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

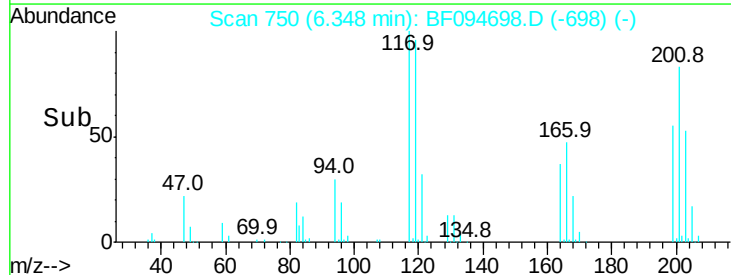
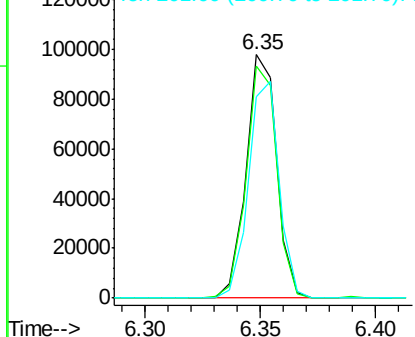


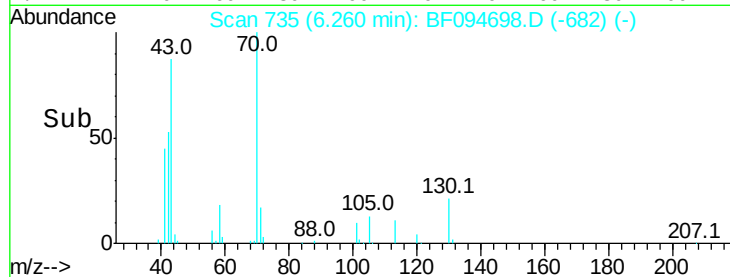
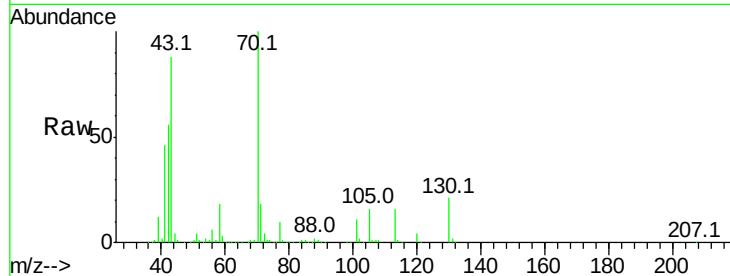
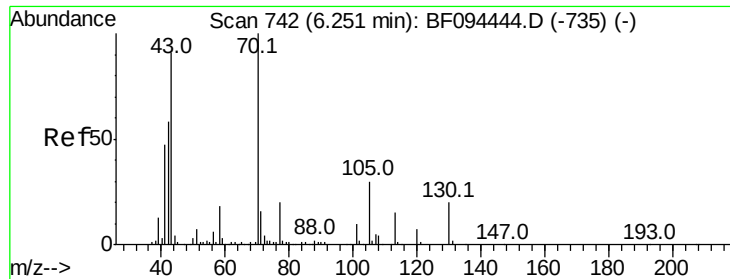
#18
Hexachloroethane
Concen: 31.97 ng
RT: 6.35 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Tgt Ion:117 Resp: 90863
Ion Ratio Lower Upper
117 100
119 95.6 77.4 116.0
201 82.7 94.6 141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

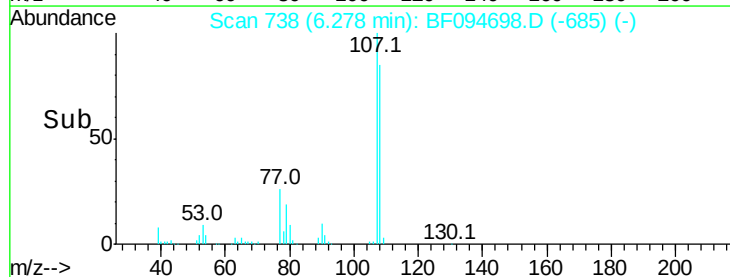
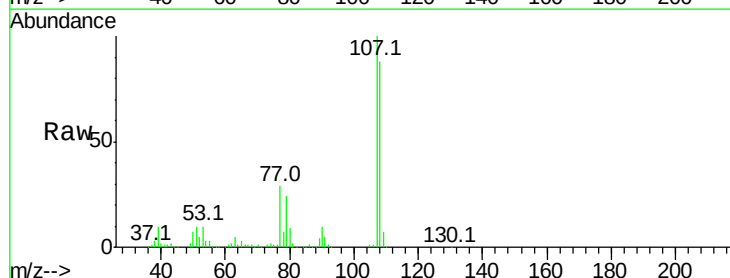
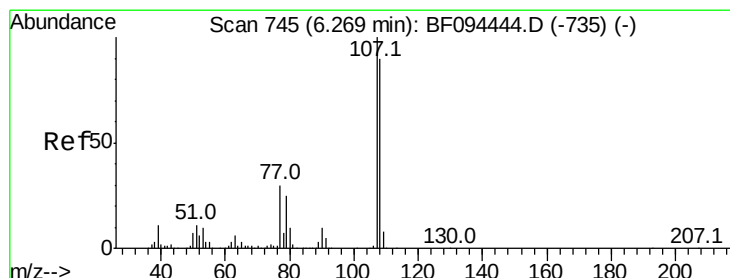
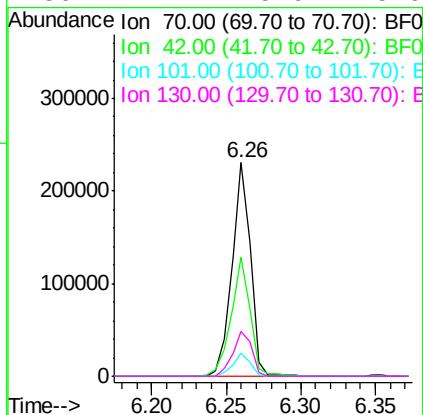




#19
n-Nitroso-di-n-propylamine
Concen: 39.56 ng
RT: 6.26 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

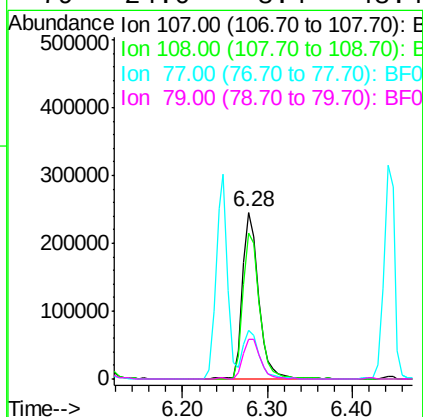
Instrument :
BNA_F
ClientSampleId :

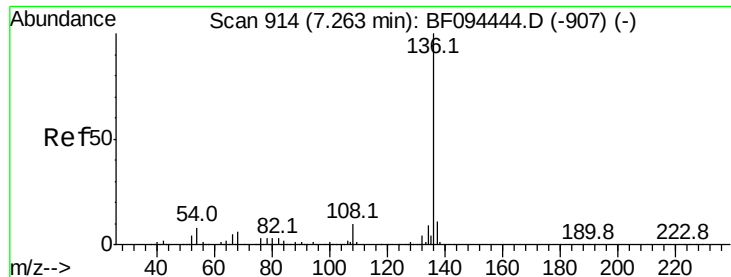
Tot Ion:	70	Resp:	201973
Ion	Ratio	Lower	Upper
70	100		
42	55.8	47.2	70.8
101	10.5	7.2	10.8
130	21.2	15.9	23.9



#20
3+4-Methylphenols
Concen: 40.76 ng
RT: 6.28 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Tgt Ion:	107	Resp:	324486
Ion	Ratio	Lower	Upper
107	100		
108	87.8	71.0	111.0
77	29.2	90.5	130.5#
79	24.0	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.27 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 419016

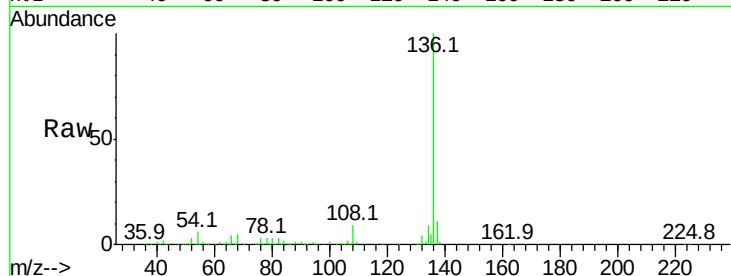
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.3 4.9 7.3

68 5.4 4.1 6.1

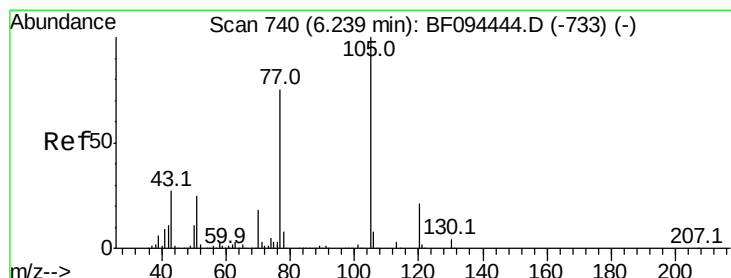
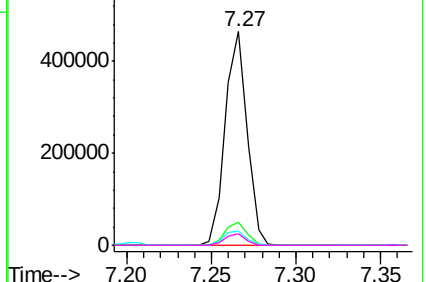
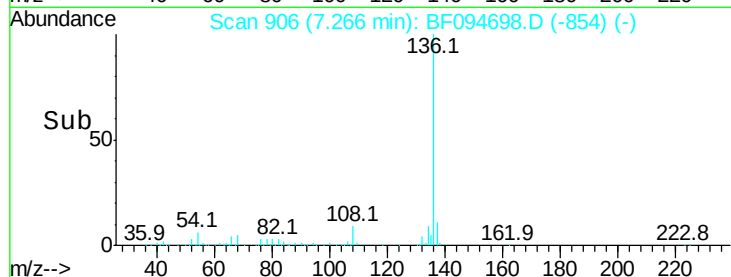


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 40.24 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Tgt Ion:105 Resp: 409975

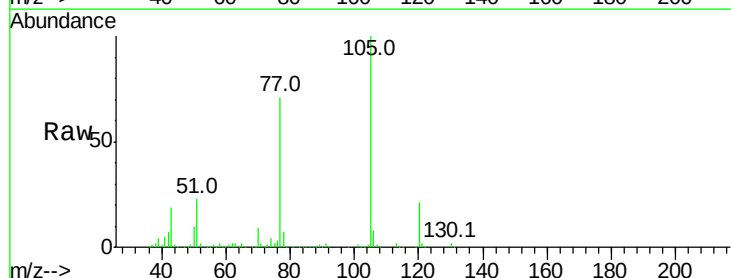
Ion Ratio Lower Upper

105 100

71 1.7 2.8 4.2#

51 22.8 30.7 46.1#

120 21.4 17.4 26.0

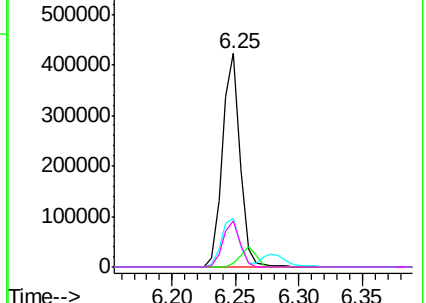
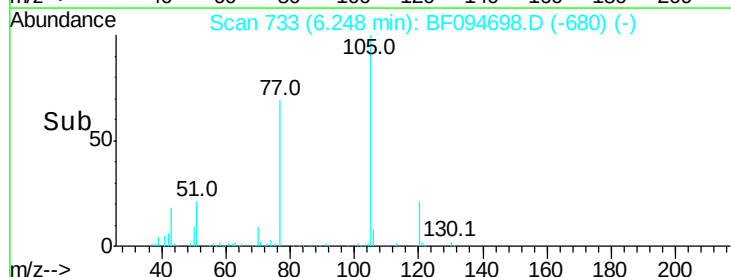


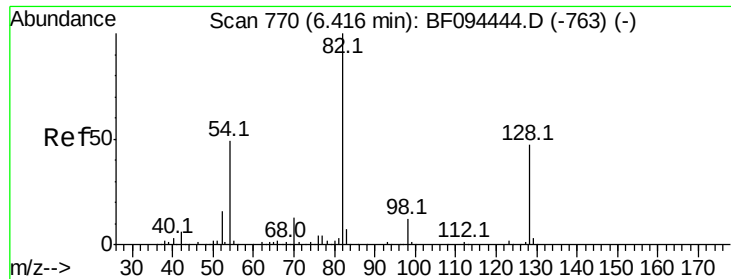
Abundance Ion 105.00 (104.70 to 105.70): E

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





#23

Nitrobenzene-d5

Concen: 81.93 ng

RT: 6.42 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :

BNA_F

ClientSampleId :

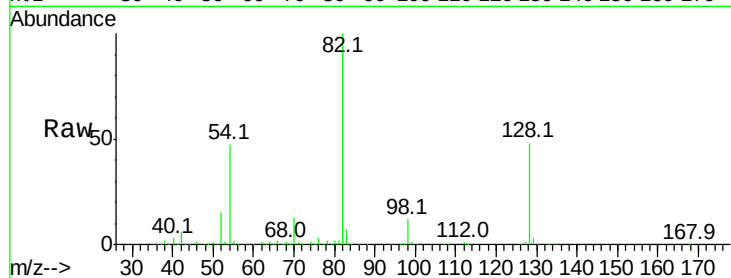
Tot Ion: 82 Resp: 555971

Ion Ratio Lower Upper

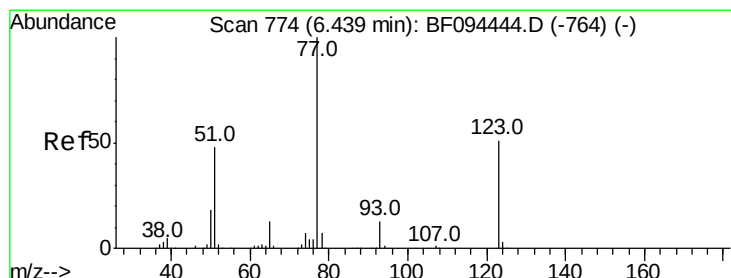
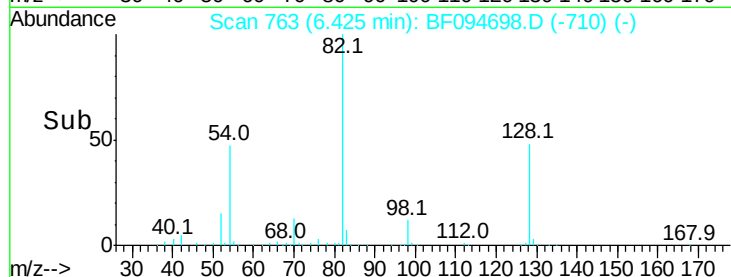
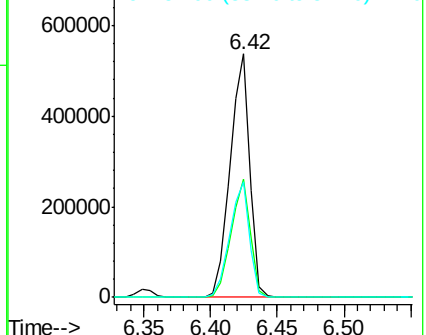
82 100

128 48.4 34.0 51.0

54 47.4 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: 40.00 ng

RT: 6.44 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

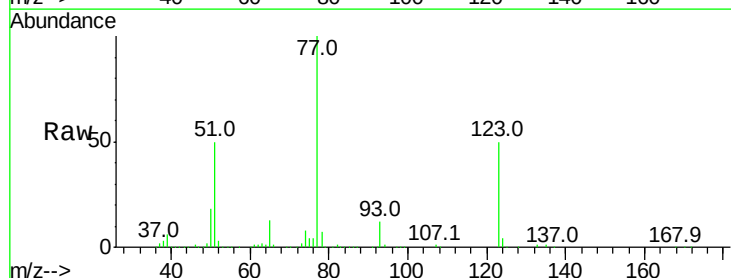
Tgt Ion: 77 Resp: 285838

Ion Ratio Lower Upper

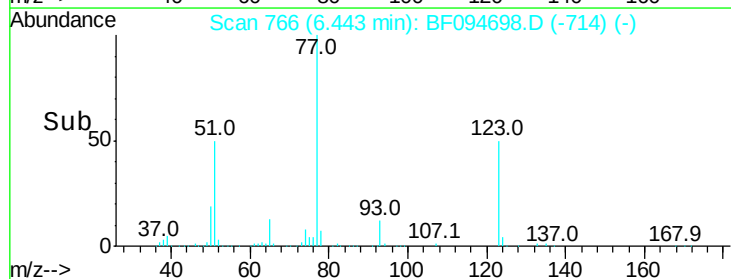
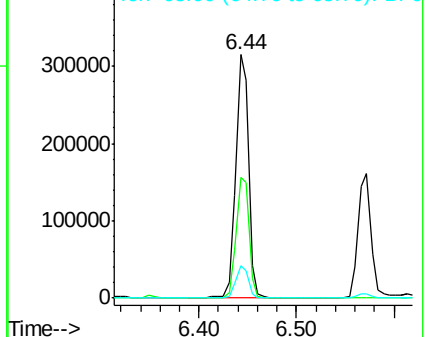
77 100

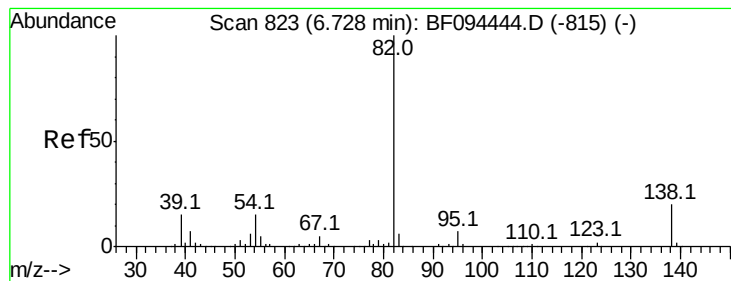
123 49.7 35.8 53.8

65 13.4 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: 40.46 ng

RT: 6.73 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :

BNA_F

ClientSampleId :

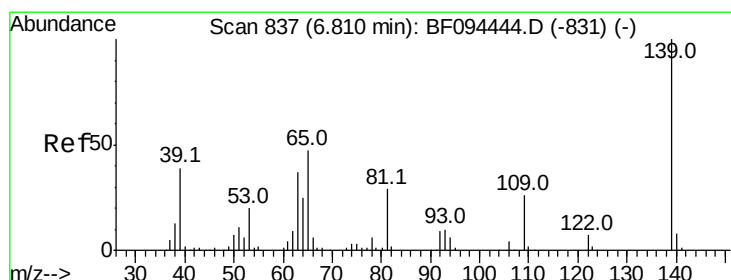
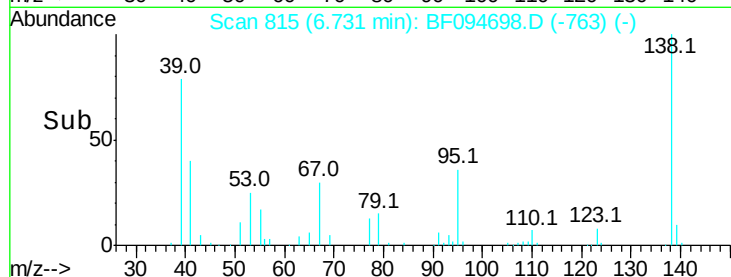
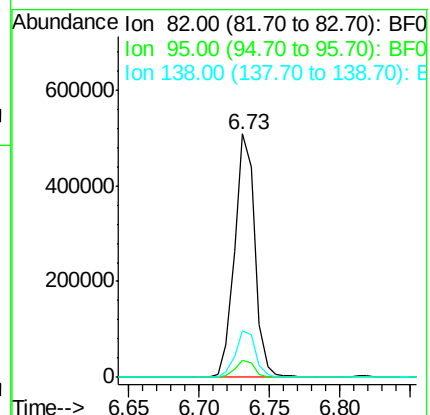
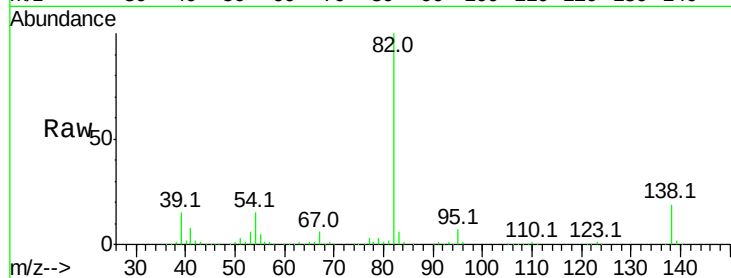
Tot Ion: 82 Resp: 508985

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.8 13.1 19.7



#26

2-Nitrophenol

Concen: 37.17 ng

RT: 6.82 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

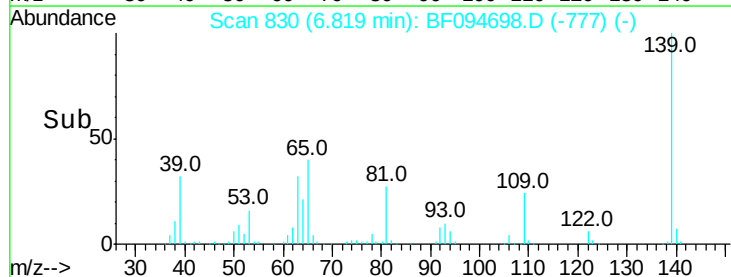
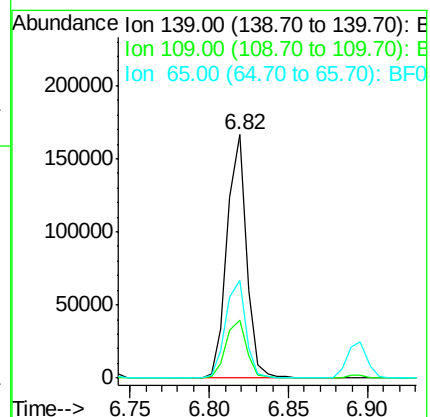
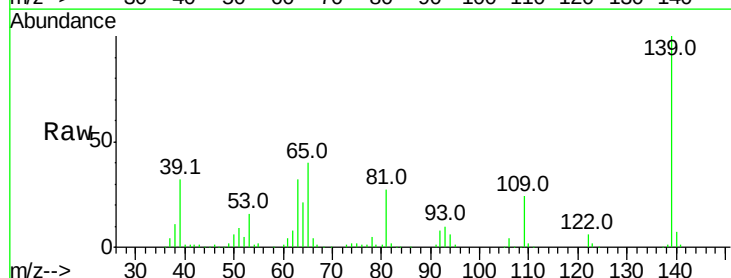
Tgt Ion:139 Resp: 142697

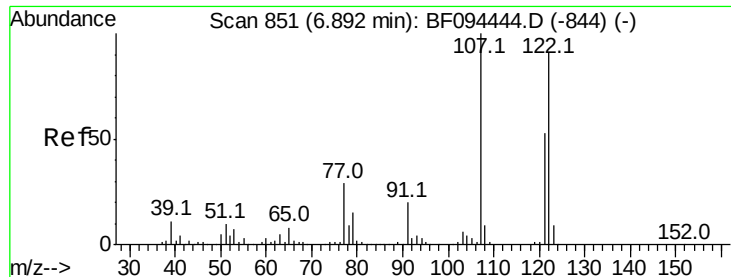
Ion Ratio Lower Upper

139 100

109 23.6 21.0 31.6

65 40.1 33.0 49.6

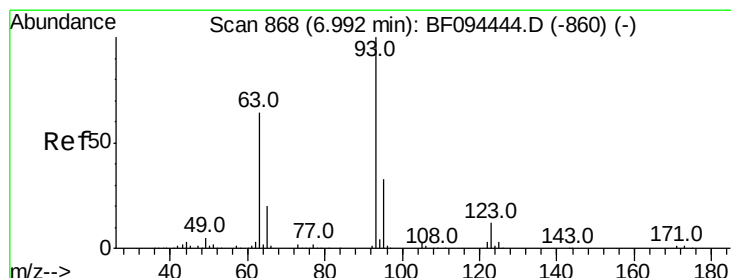
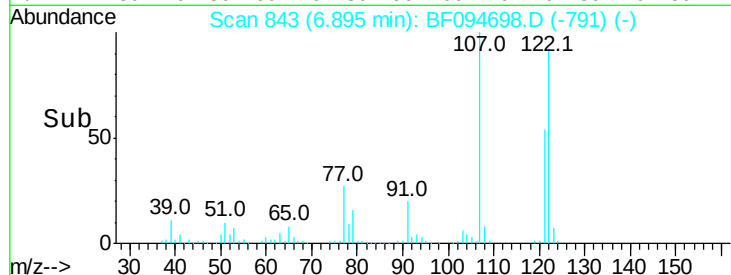
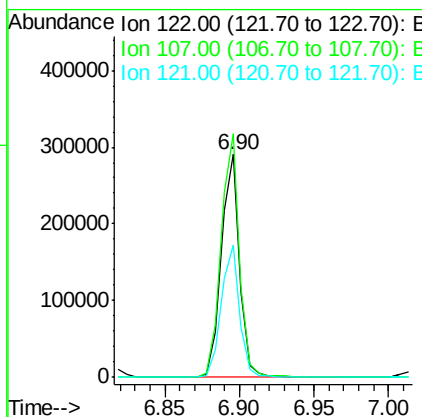
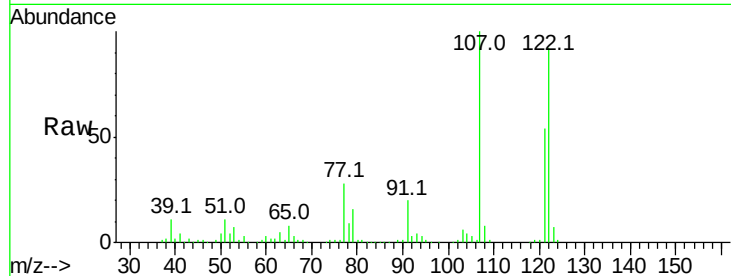




#27
 2,4-Dimethylphenol
 Concen: 40.28 ng
 RT: 6.90 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

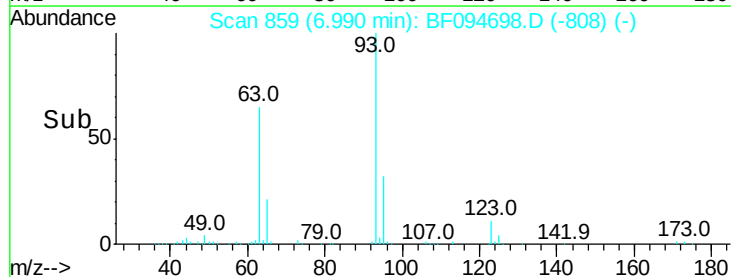
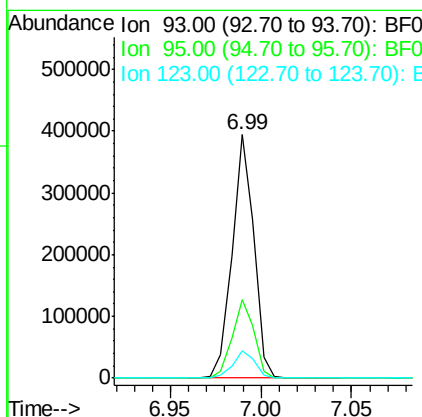
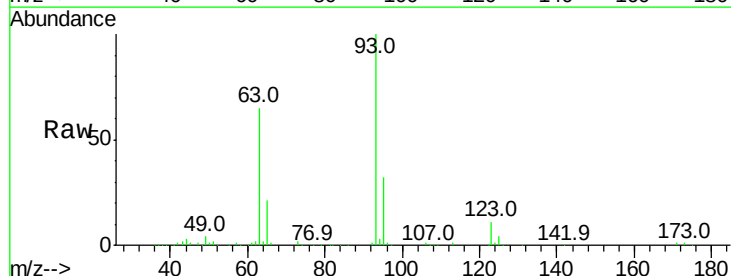
Instrument :
 BNA_F
 ClientSampleId :

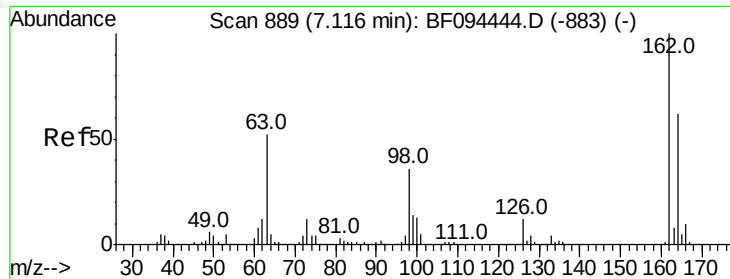
Tot Ion:122 Resp: 251190
 Ion Ratio Lower Upper
 122 100
 107 109.2 89.2 133.8
 121 59.2 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.41 ng
 RT: 6.99 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion: 93 Resp: 328842
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.5 39.7
 123 11.4 9.0 13.4

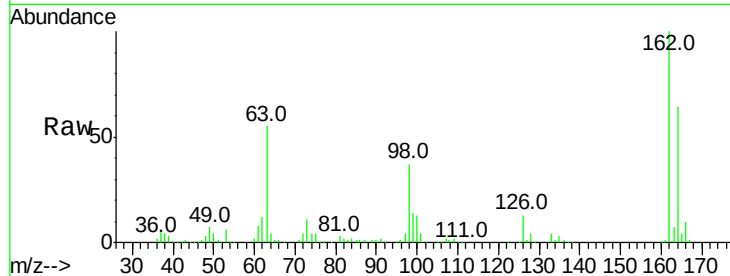




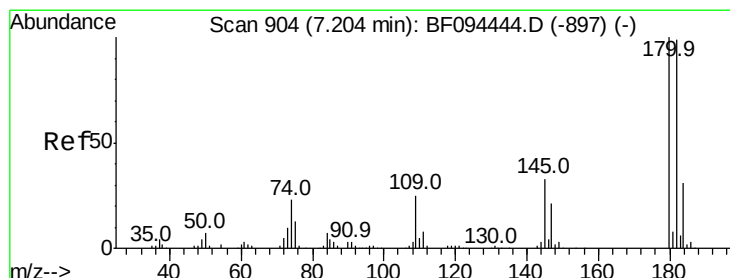
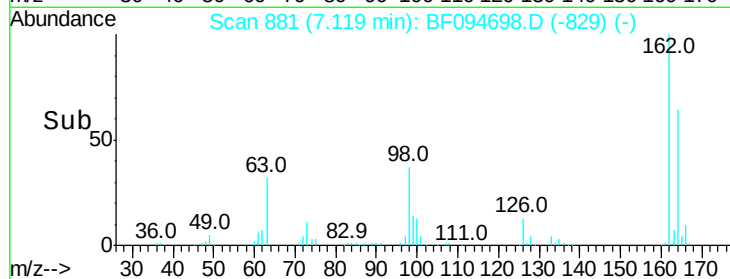
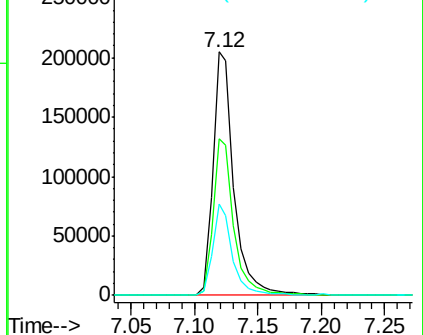
#29
 2,4-Dichlorophenol
 Concen: 41.14 ng
 RT: 7.12 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.6	84.6
98	37.4	14.8	54.8

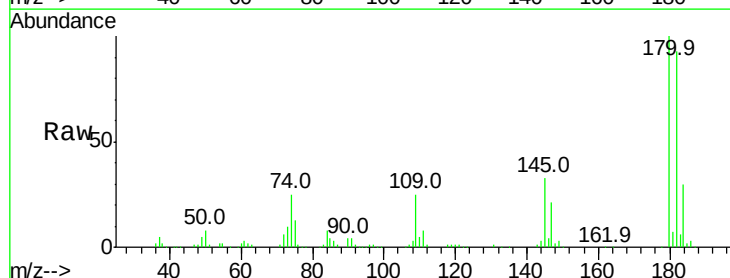


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): E

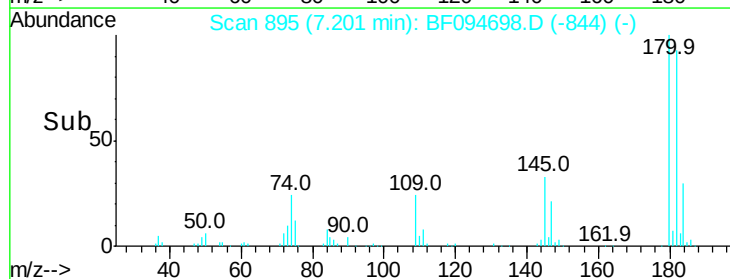
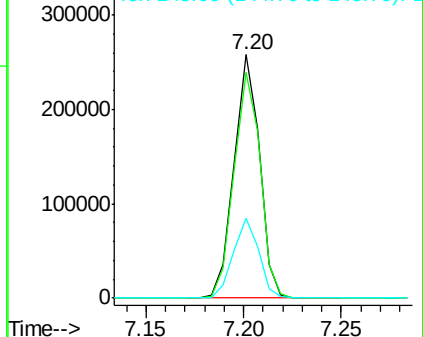


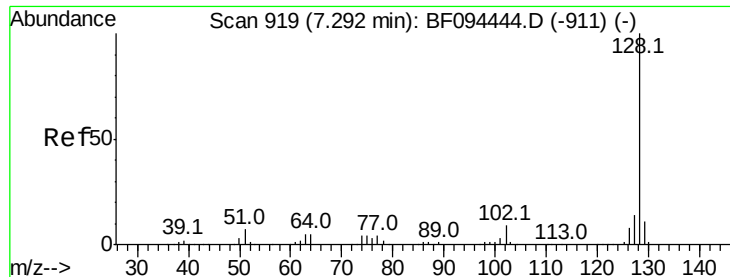
#30
 1,2,4-Trichlorobenzene
 Concen: 39.09 ng
 RT: 7.20 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	75.8	113.6
145	32.9	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

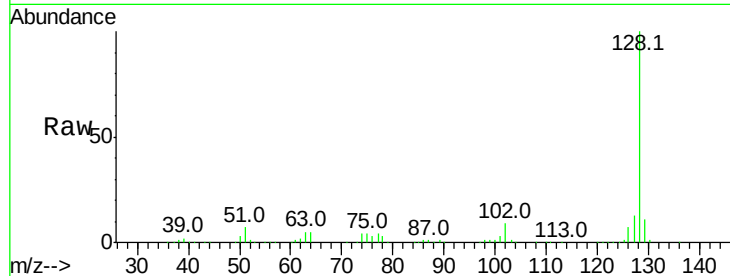




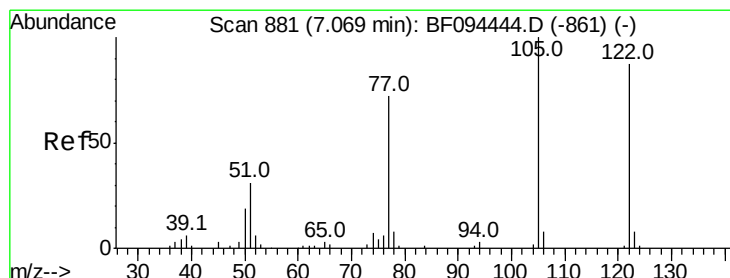
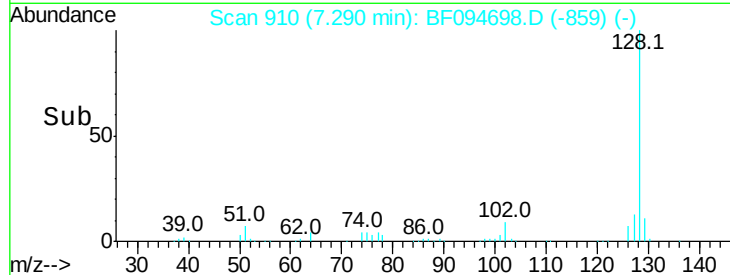
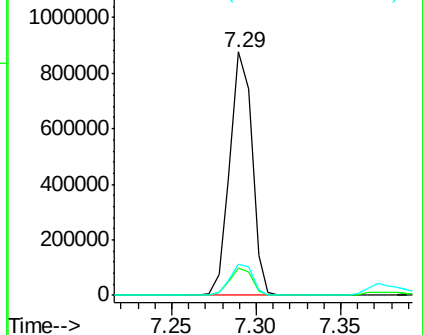
#31
Naphthalene
Concen: 39.92 ng
RT: 7.29 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 804187
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 12.9 10.8 16.2

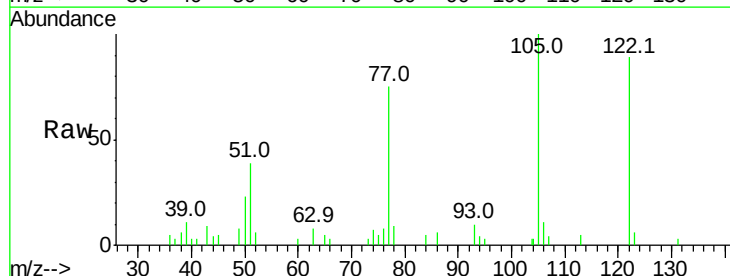


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

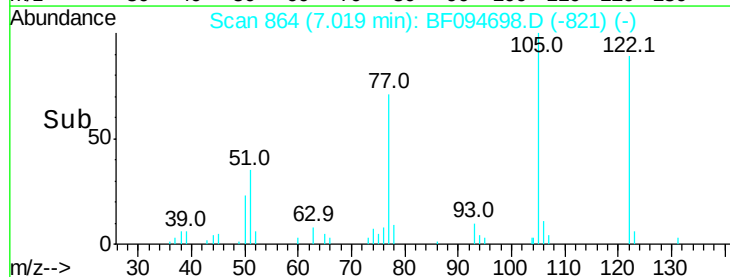
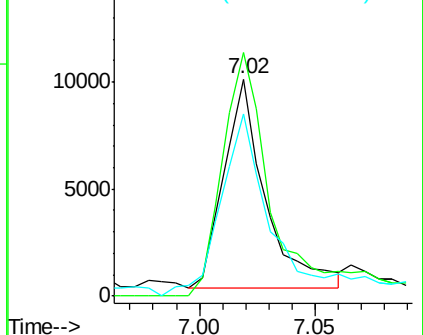


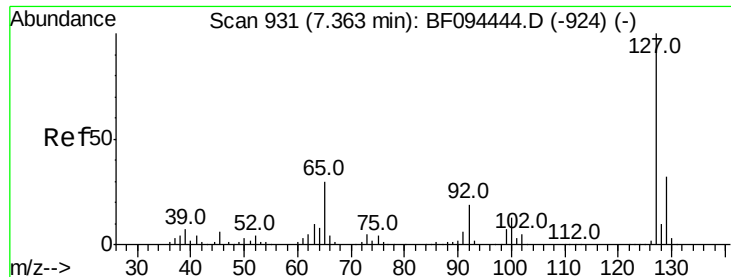
#32
Benzoic acid
Concen: 3.72 ng
RT: 7.02 min Scan# 864
Delta R.T. -0.05 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Tgt Ion:122 Resp: 12269
Ion Ratio Lower Upper
122 100
105 112.1 103.3 143.3
77 83.6 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

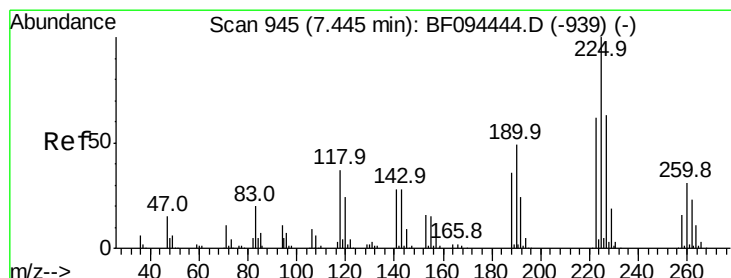
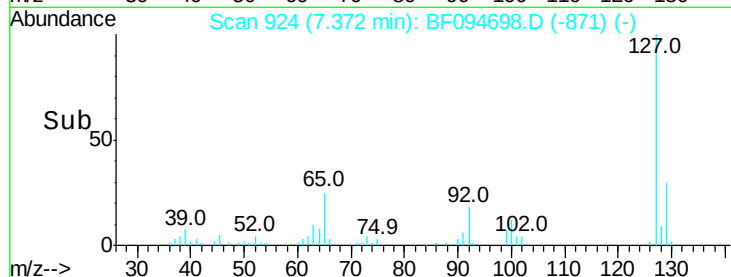
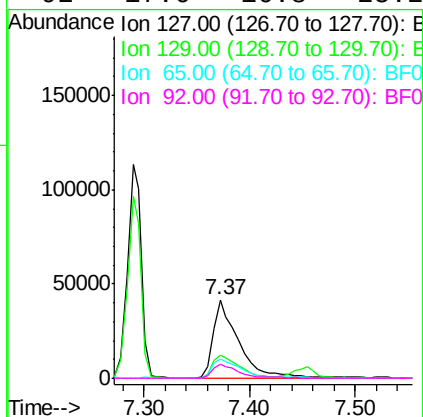
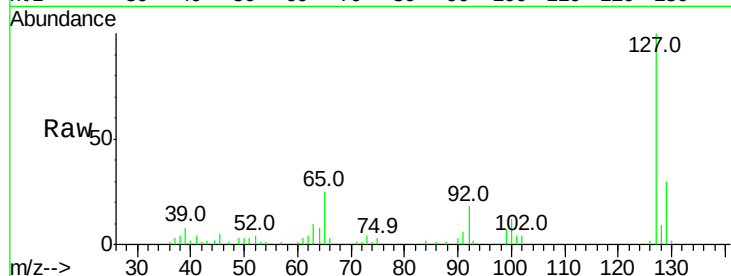




#33
 4-Chloroaniline
 Concen: 8.41 ng
 RT: 7.37 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

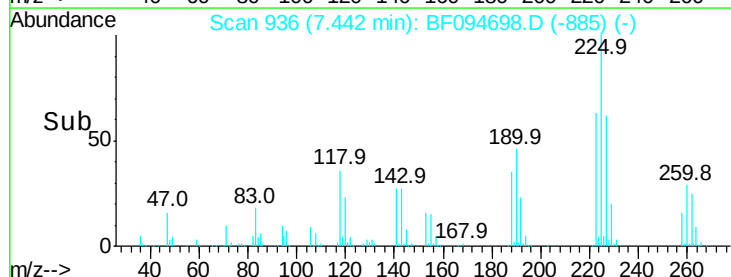
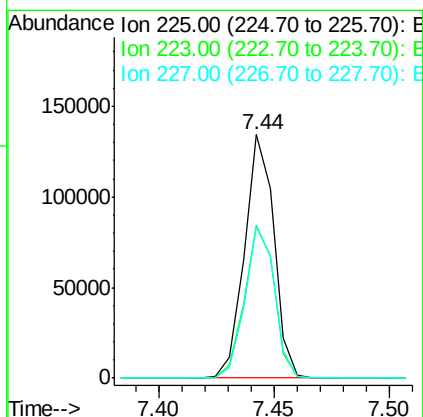
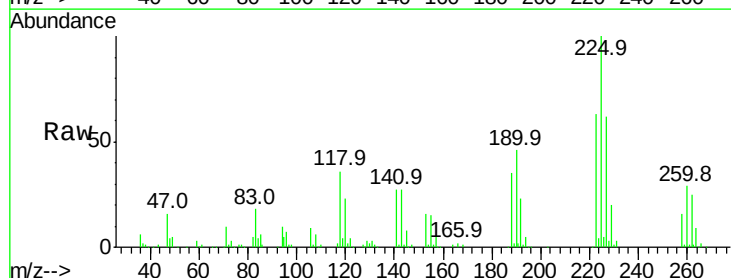
Instrument :
 BNA_F
 ClientSampled :

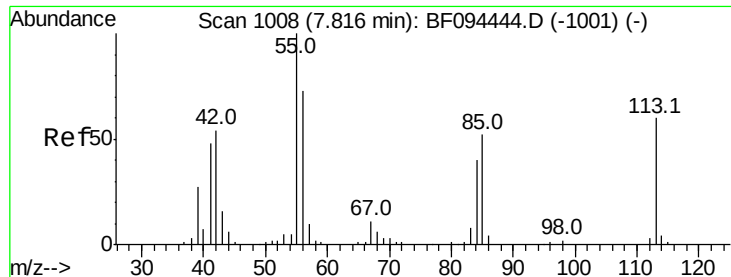
Tot Ion:	127	Resp:	70486
Ion	Ratio	Lower	Upper
127	100		
129	30.2	26.2	39.2
65	24.9	27.8	41.8#
92	17.6	16.8	25.2



#34
 Hexachlorobutadiene
 Concen: 40.19 ng
 RT: 7.44 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion:	225	Resp:	120182
Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.8	73.2
227	62.4	51.1	76.7

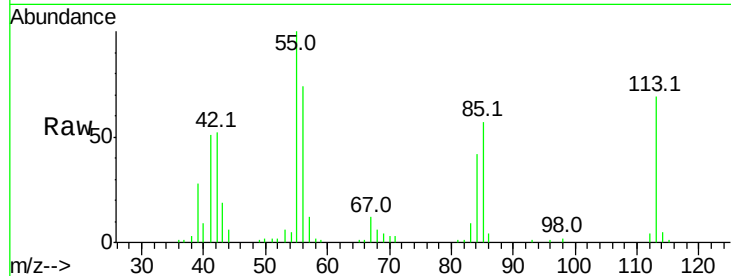




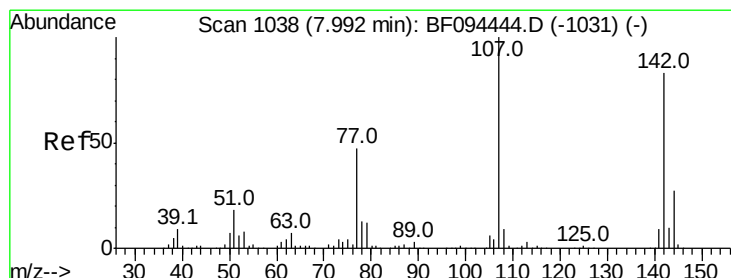
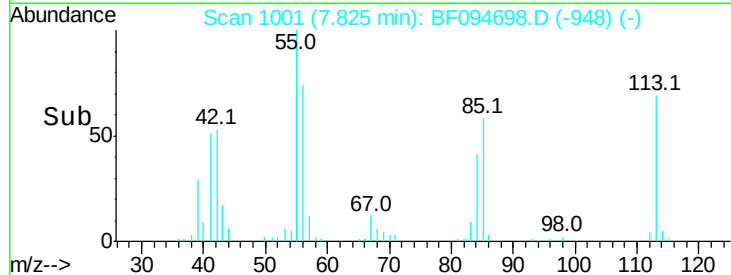
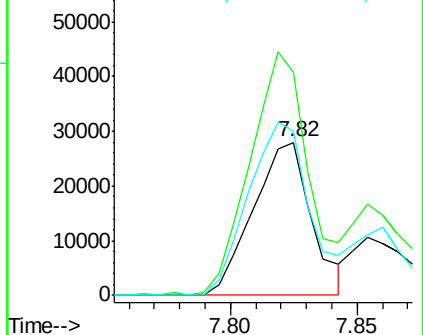
#35
 Caprolactam
 Concen: 24.61 ng
 RT: 7.82 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 44850
 Ion Ratio Lower Upper
 113 100
 55 145.5 150.2 190.2#
 56 107.3 107.8 147.8#

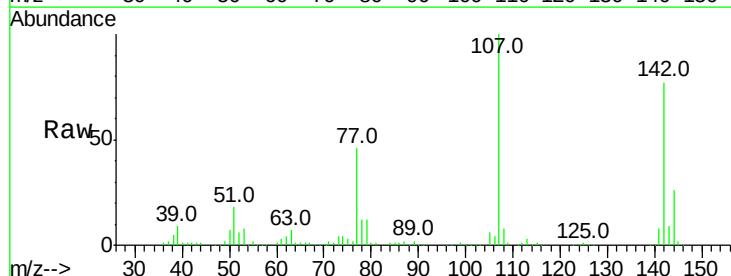


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

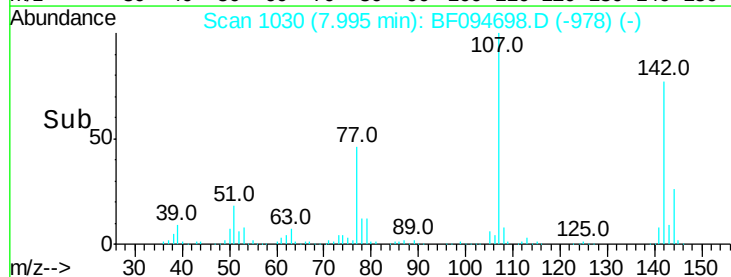
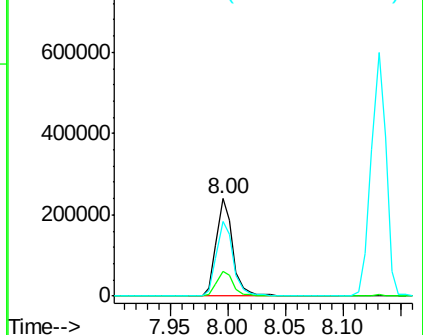


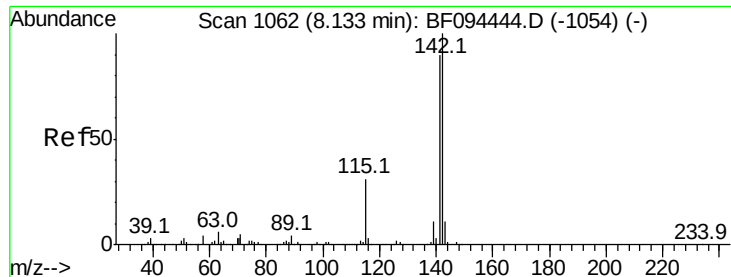
#36
 4-Chloro-3-methylphenol
 Concen: 39.68 ng
 RT: 8.00 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion:107 Resp: 241209
 Ion Ratio Lower Upper
 107 100
 144 25.8 24.2 36.4
 142 77.1 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

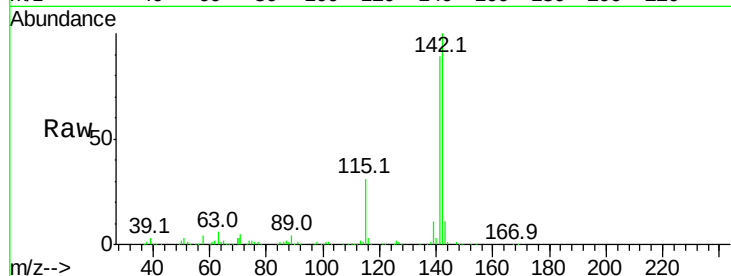




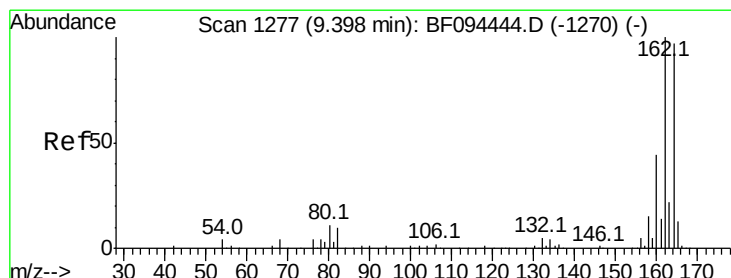
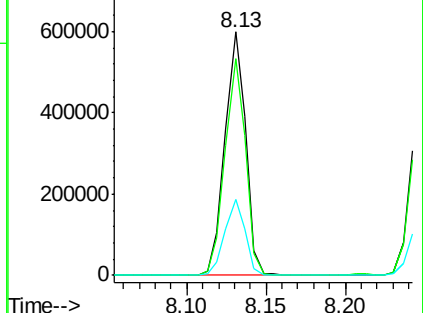
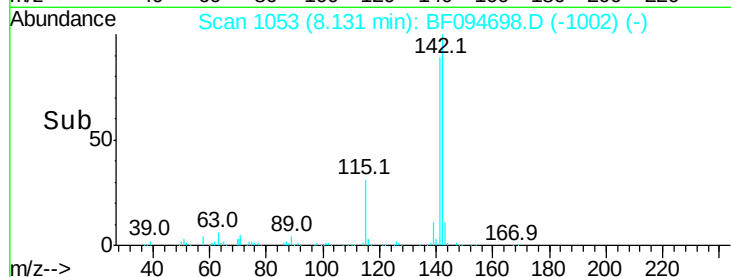
#37
 2-Methylnaphthalene
 Concen: 39.41 ng
 RT: 8.13 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.3	106.9
115	31.3	27.1	40.7

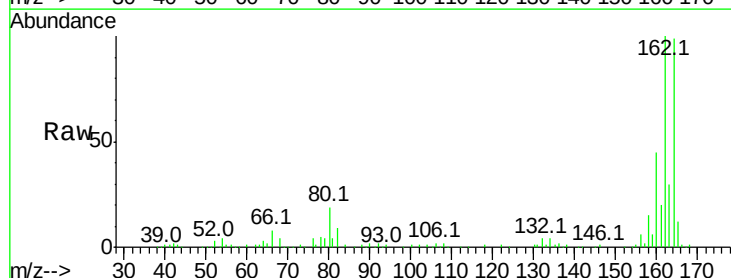


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

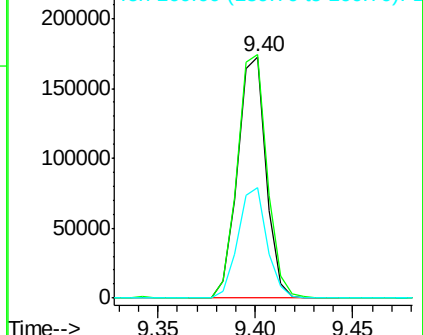
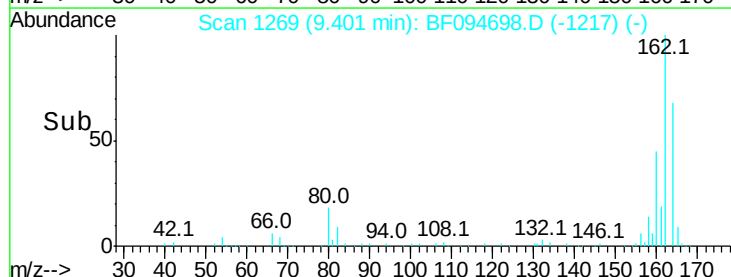


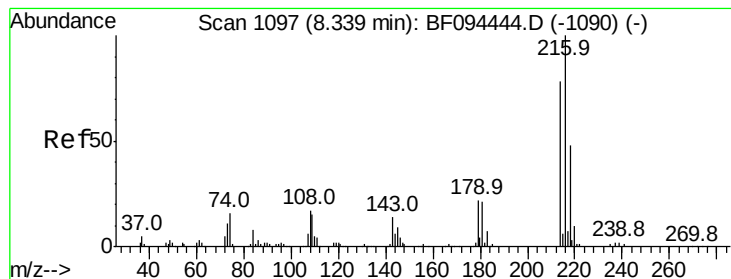
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.6	123.8
160	45.7	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: 42.28 ng

RT: 8.34 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 210583

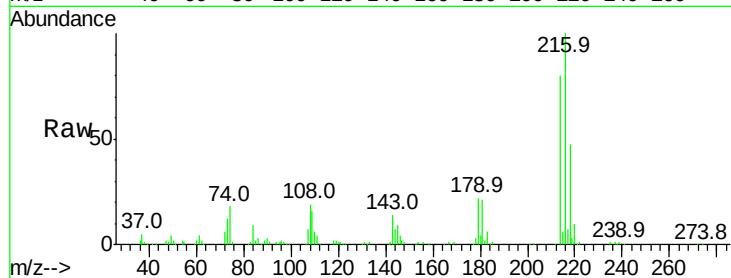
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.2

179 21.9 17.9 26.9

108 18.6 16.5 24.7

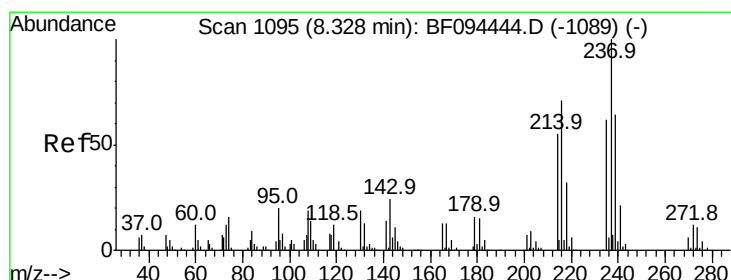
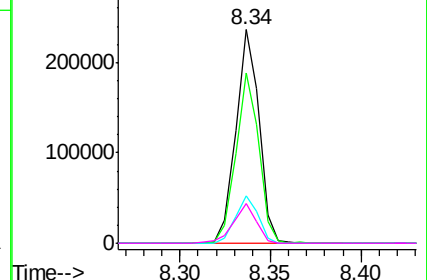
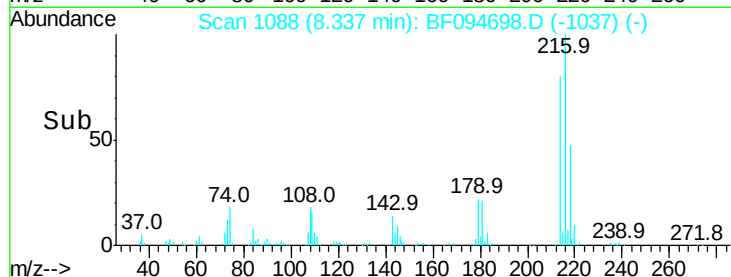


Abundance Ion 216.00 (215.70 to 216.70): E

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: 26.27 ng

RT: 8.32 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

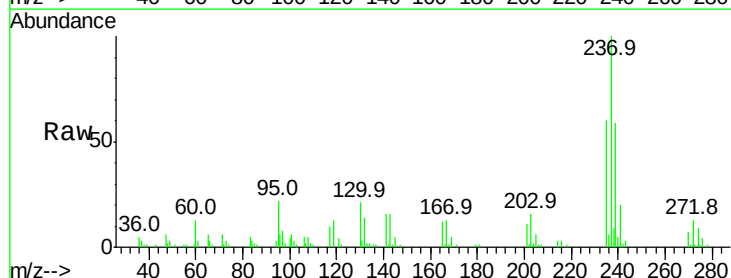
Tgt Ion:237 Resp: 52919

Ion Ratio Lower Upper

237 100

235 59.9 42.6 82.6

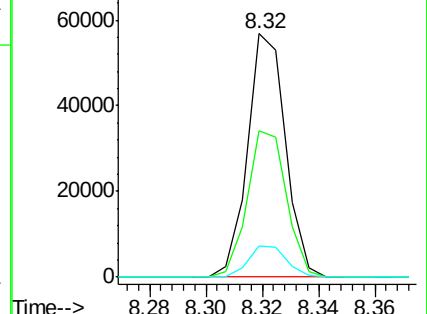
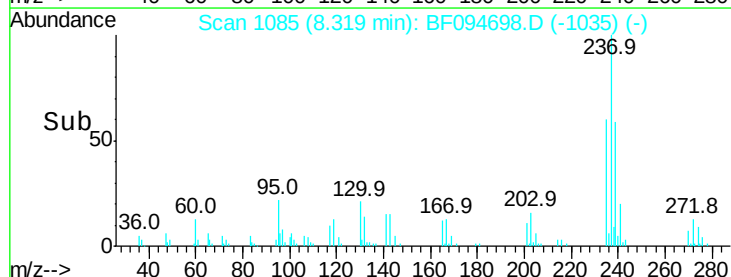
272 12.7 0.0 31.9

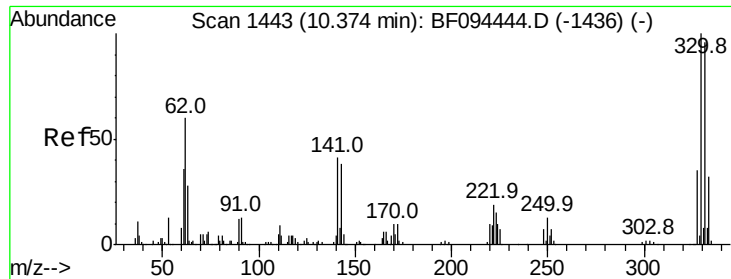


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 115.02 ng

RT: 10.38 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :

BNA_F

ClientSampleId :

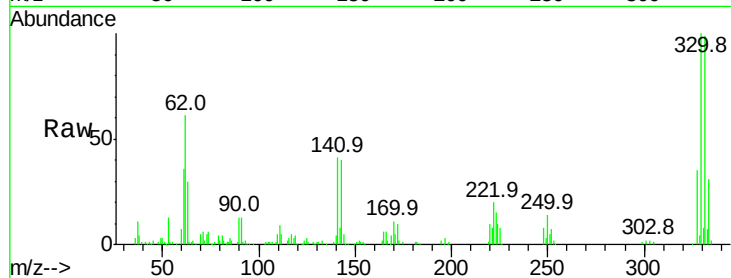
Tot Ion:330 Resp: 157353

Ion Ratio Lower Upper

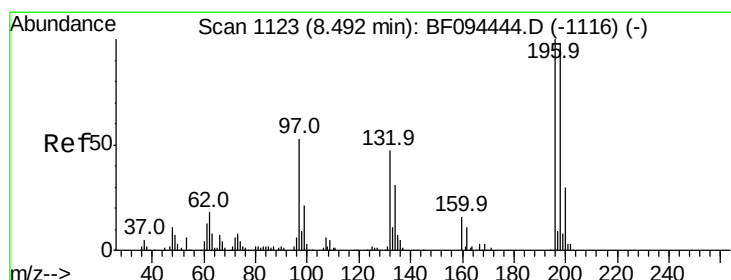
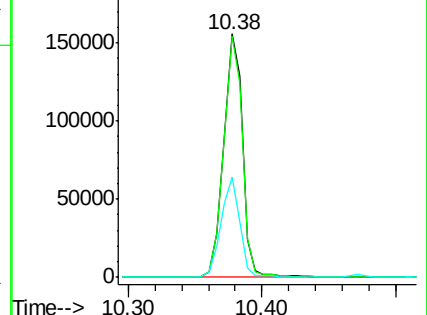
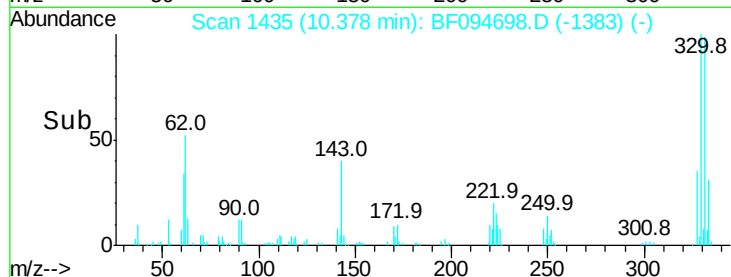
330 100

332 97.6 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: 43.32 ng

RT: 8.50 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

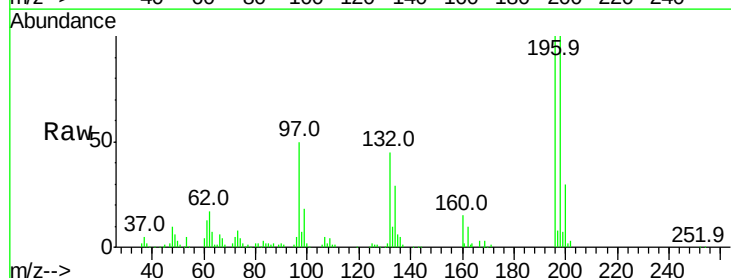
Tgt Ion:196 Resp: 151505

Ion Ratio Lower Upper

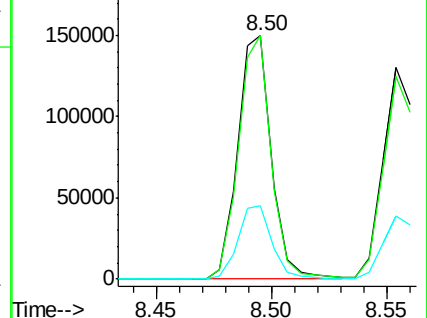
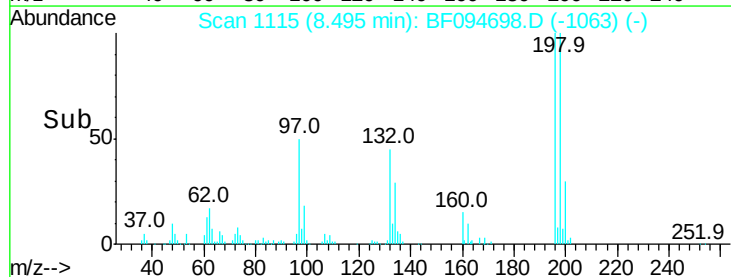
196 100

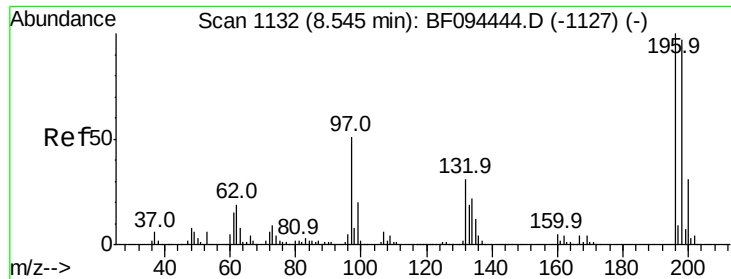
198 100.2 74.2 111.4

200 30.4 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

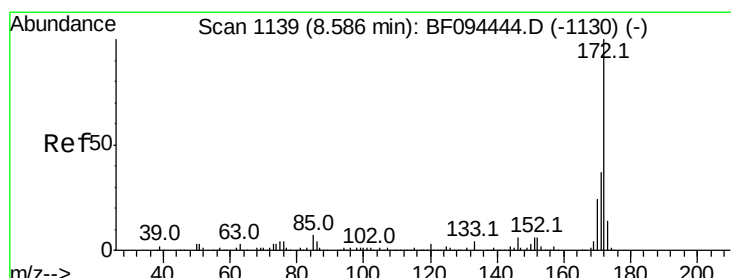
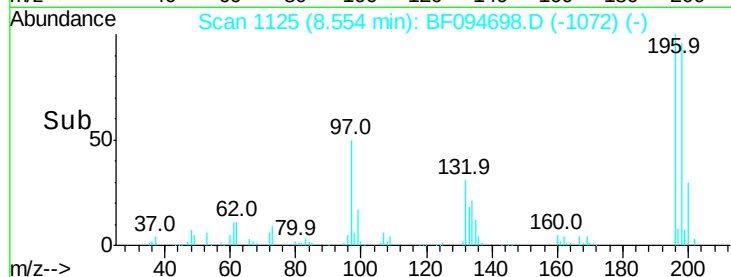
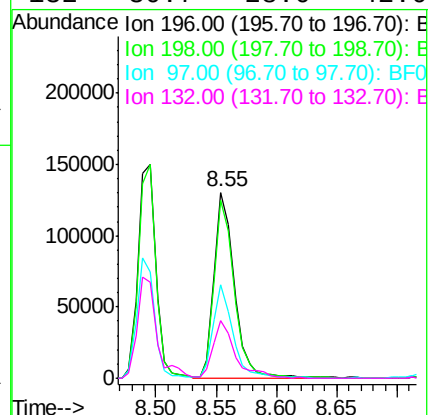
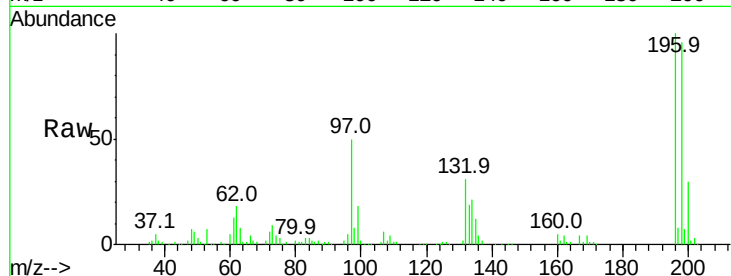




#43
 2,4,5-Trichlorophenol
 Concen: 42.00 ng
 RT: 8.55 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

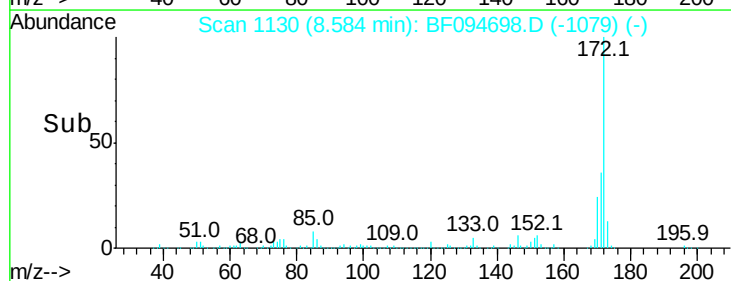
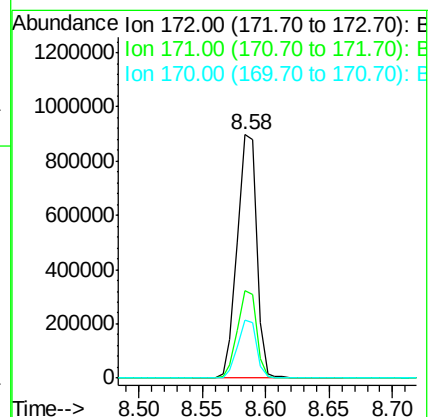
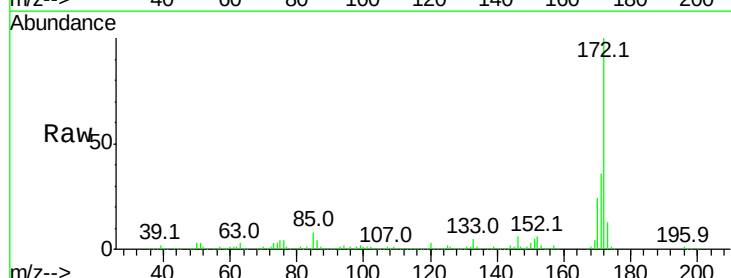
Instrument :
 BNA_F
 ClientSampleId :

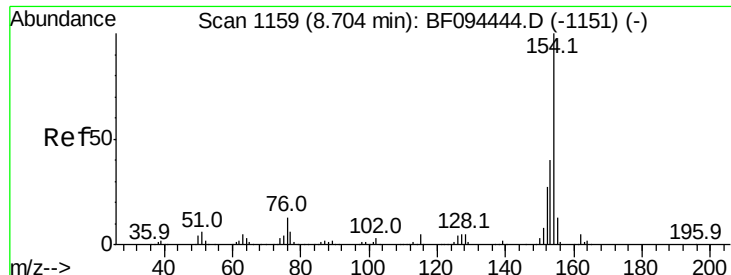
Tot Ion:196 Resp: 150833
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.7 113.5
 97 50.4 47.7 71.5
 132 30.7 28.0 42.0



#44
 2-Fluorobiphenyl
 Concen: 79.69 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion:172 Resp: 947225
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.0 19.8 29.8





#45

1,1'-Biphenyl

Concen: 42.39 ng

RT: 8.70 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :

BNA_F

ClientSampleId :

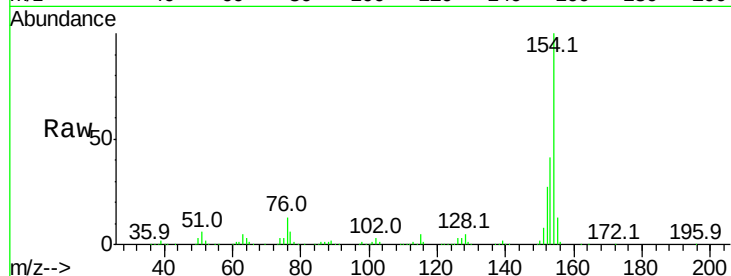
Tot Ion:154 Resp: 605807

Ion Ratio Lower Upper

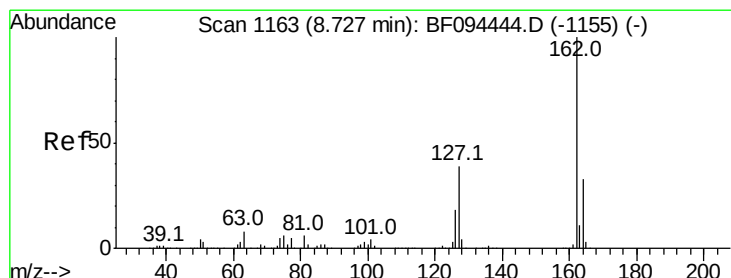
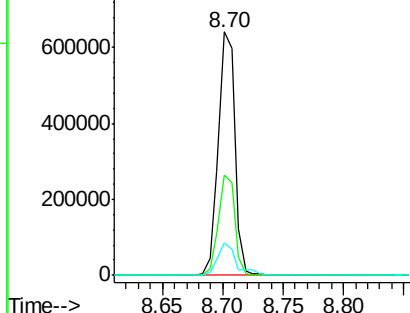
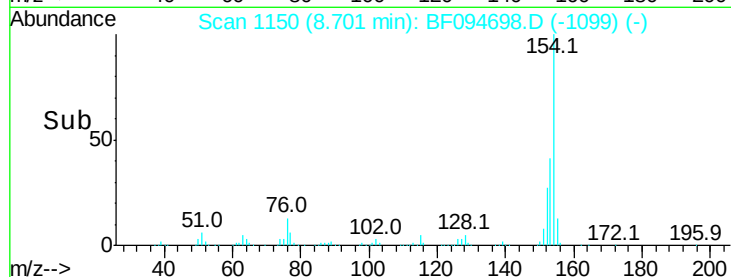
154 100

153 41.3 21.2 61.2

76 13.3 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: 41.03 ng

RT: 8.72 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

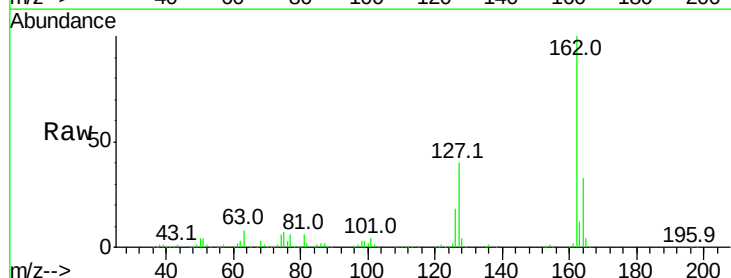
Tgt Ion:162 Resp: 466198

Ion Ratio Lower Upper

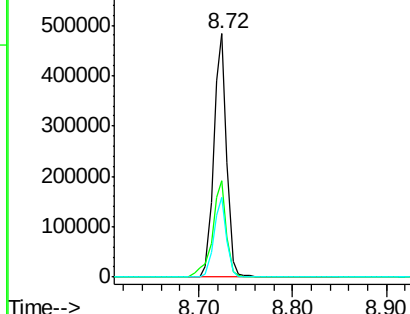
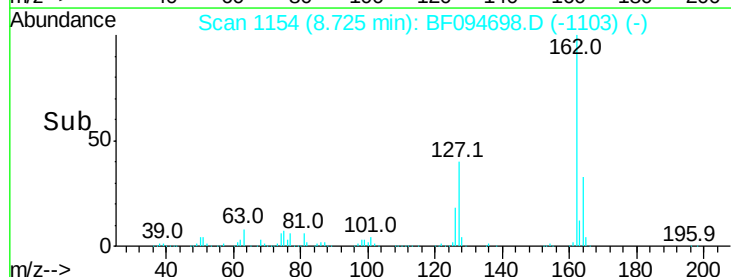
162 100

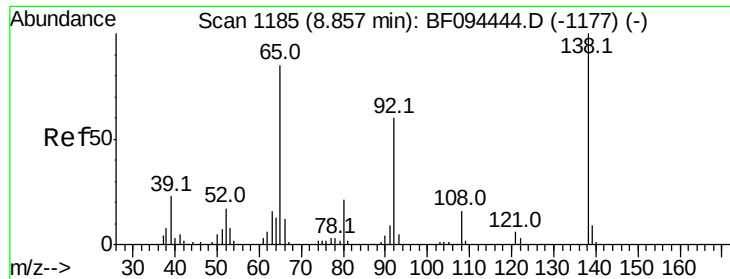
127 39.8 28.3 42.5

164 32.6 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: 42.10 ng

RT: 8.87 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :

BNA_F

ClientSampled :

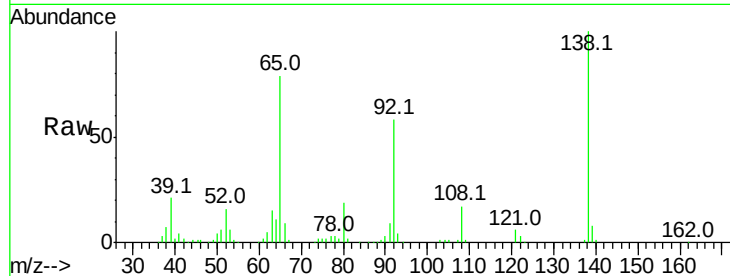
Tot Ion: 65 Resp: 137620

Ion Ratio Lower Upper

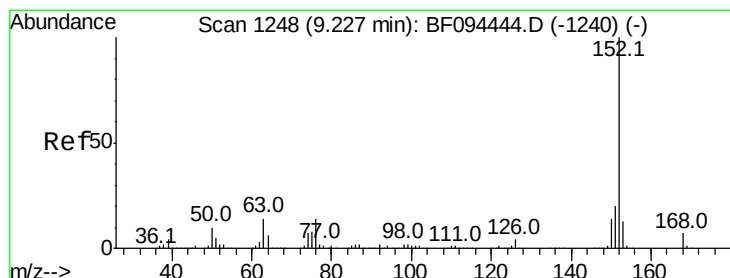
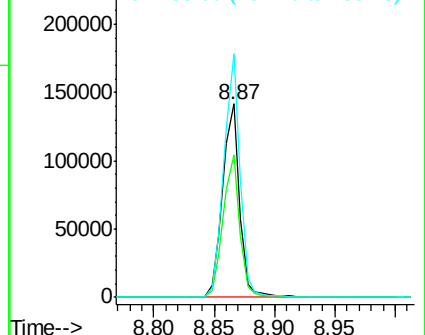
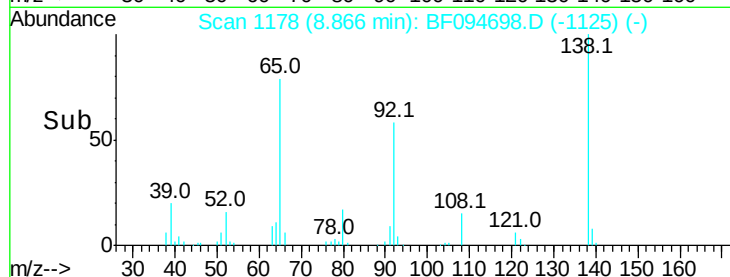
65 100

92 73.6 53.9 80.9

138 126.1 78.8 118.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 40.46 ng

RT: 9.22 min Scan# 1239

Delta R.T. -0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

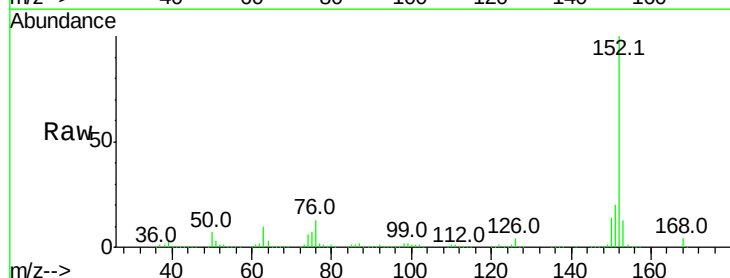
Tgt Ion:152 Resp: 716588

Ion Ratio Lower Upper

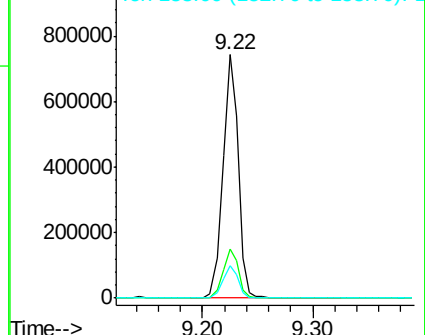
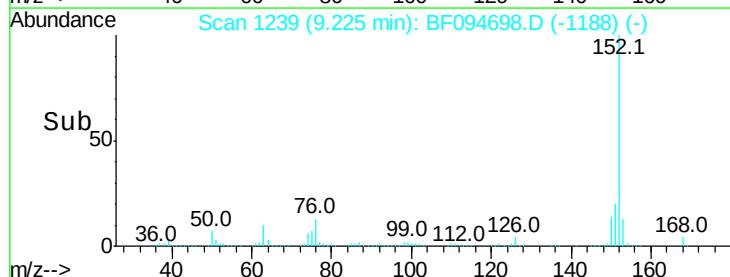
152 100

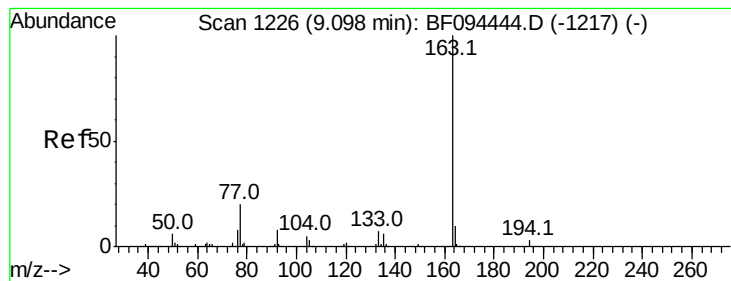
151 20.1 16.8 25.2

153 13.3 10.8 16.2



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





#49

Dimethylphthalate

Concen: 46.61 ng

RT: 9.10 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :
BNA_F
ClientSampleId :

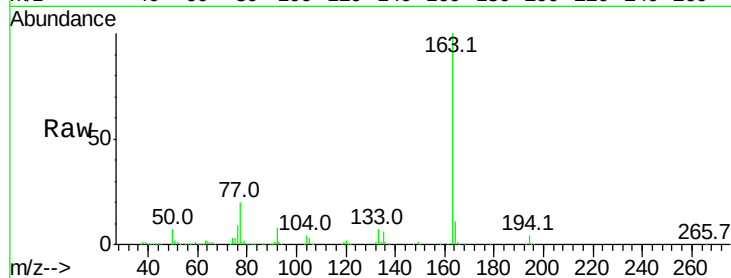
Tot Ion:163 Resp: 607514

Ion Ratio Lower Upper

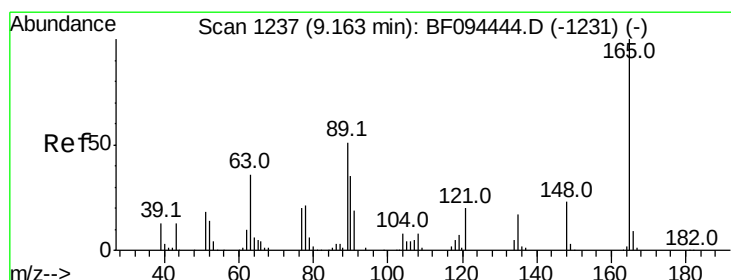
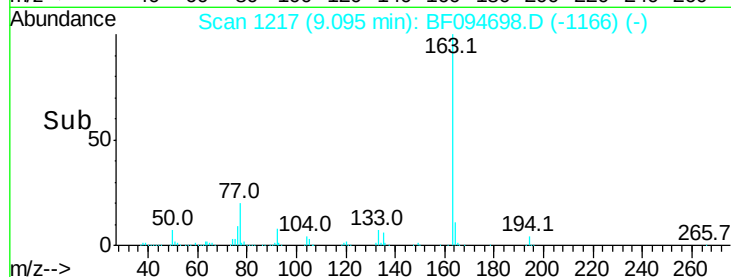
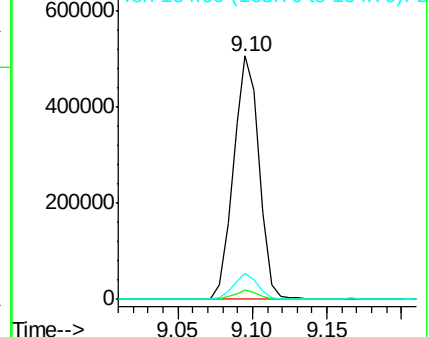
163 100

194 3.7 2.6 4.0

164 10.6 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: 39.02 ng

RT: 9.17 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

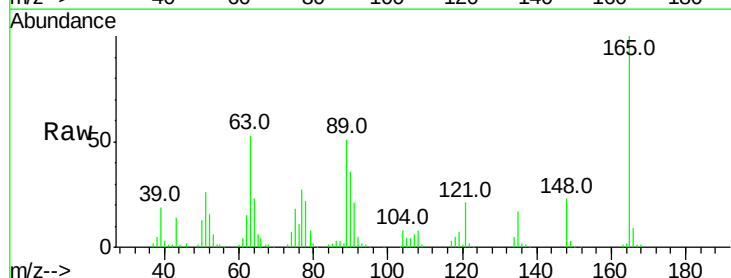
Tgt Ion:165 Resp: 114155

Ion Ratio Lower Upper

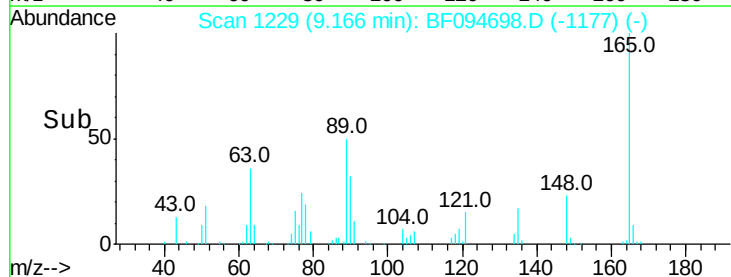
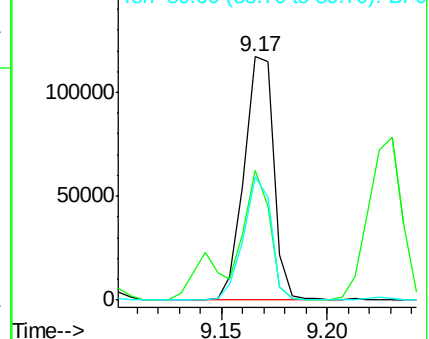
165 100

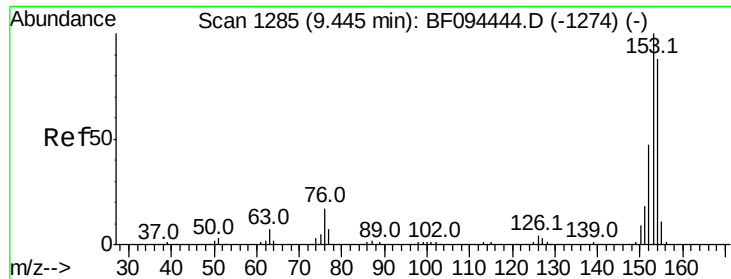
63 53.5 34.3 51.5#

89 50.7 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: 40.28 ng

RT: 9.44 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :

BNA_F

ClientSampleId :

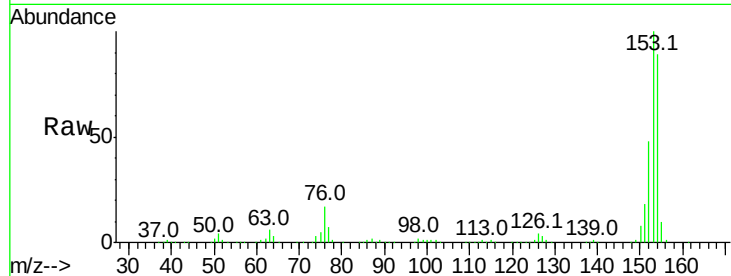
Tot Ion:154 Resp: 427281

Ion Ratio Lower Upper

154 100

153 112.1 90.5 135.7

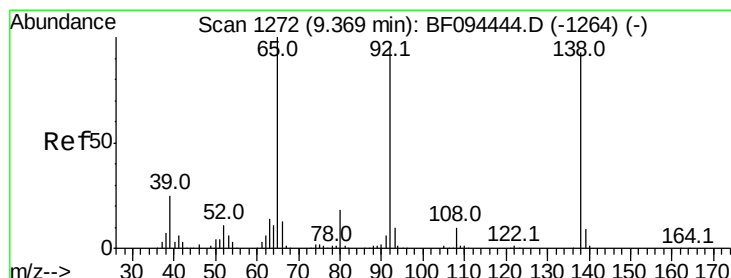
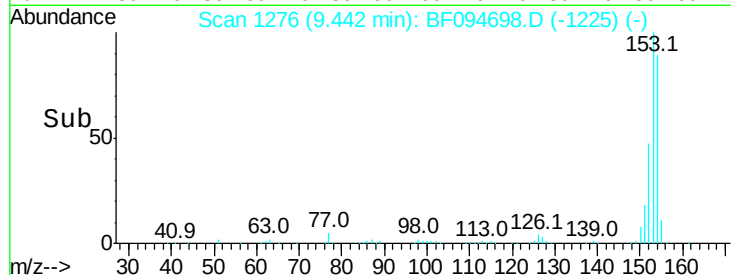
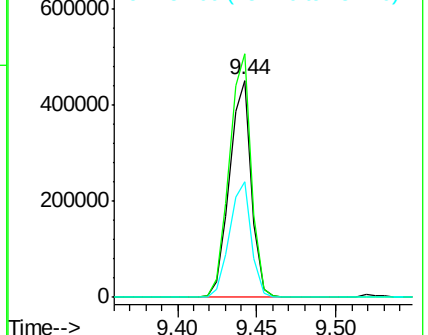
152 53.3 43.6 65.4



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: 26.54 ng

RT: 9.37 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

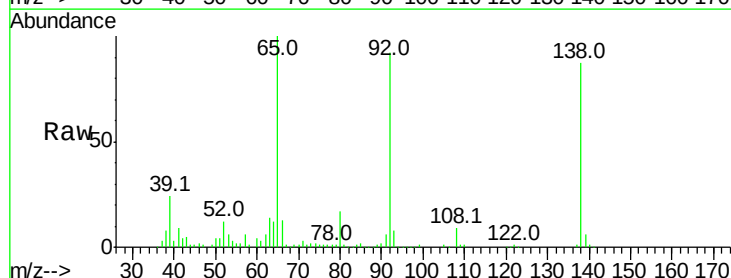
Tgt Ion:138 Resp: 89846

Ion Ratio Lower Upper

138 100

108 10.7 9.1 13.7

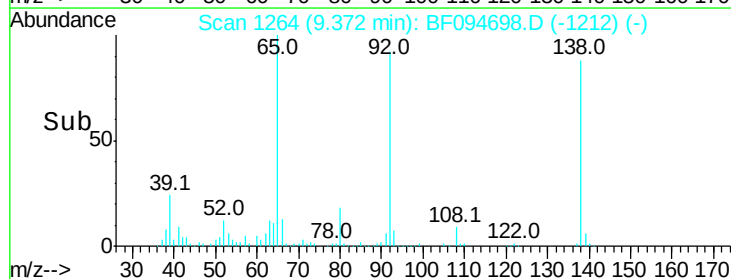
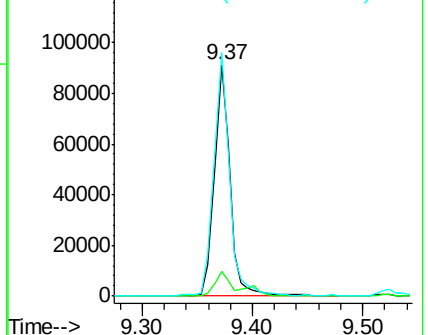
92 105.4 93.8 140.6

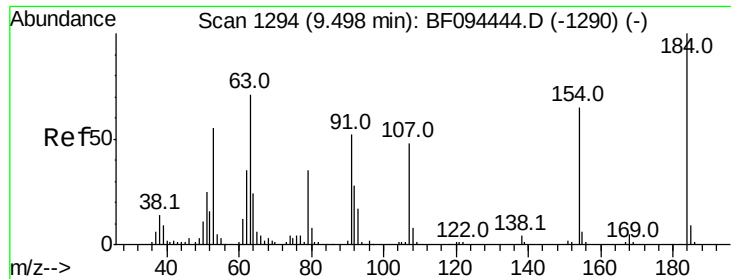


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

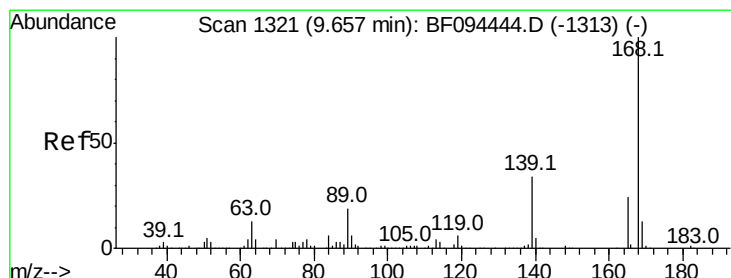
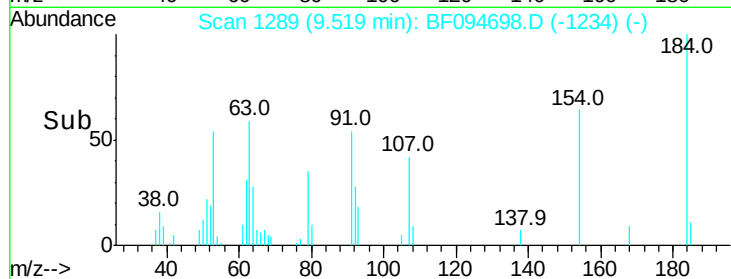
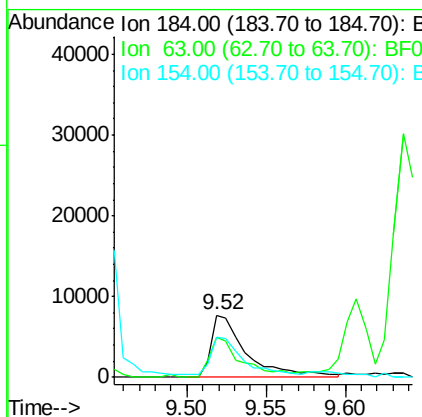
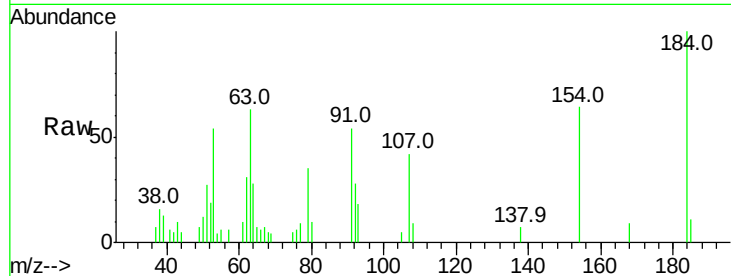




#53
 2,4-Dinitrophenol
 Concen: 12.82 ng
 RT: 9.52 min Scan# 1289
 Delta R.T. 0.02 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

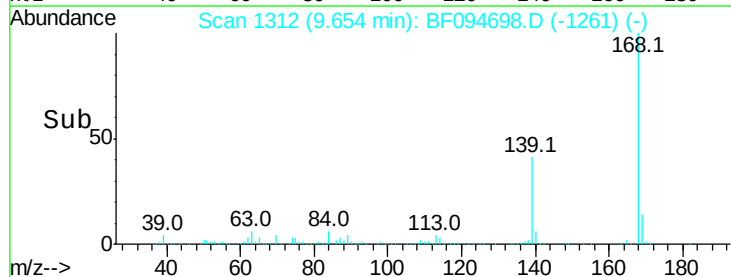
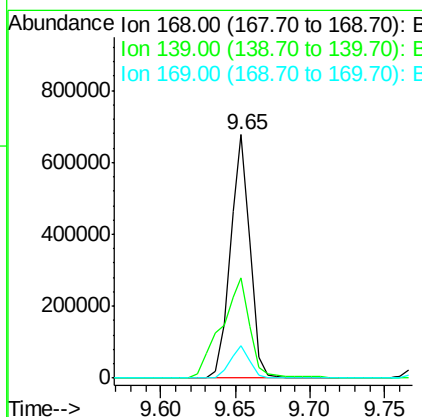
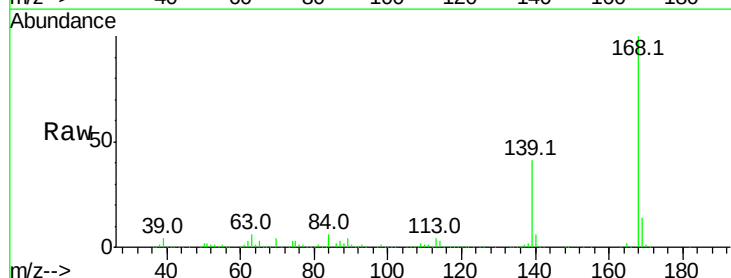
Instrument :
 BNA_F
 ClientSampleId :

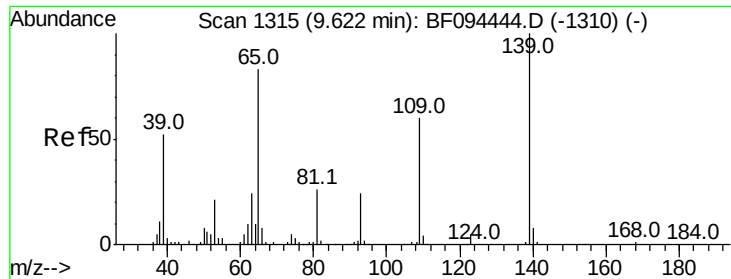
Tot Ion:184 Resp: 12081
 Ion Ratio Lower Upper
 184 100
 63 63.3 62.7 94.1
 154 63.8 81.1 121.7#



#54
 Dibenzofuran
 Concen: 40.50 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion:168 Resp: 624424
 Ion Ratio Lower Upper
 168 100
 139 41.1 30.6 45.8
 169 13.6 10.8 16.2





#55

4-Nitrophenol

Concen: 159.88 ng

RT: 9.65 min Scan# 1312

Delta R.T. 0.03 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :

BNA_F

ClientSampleId :

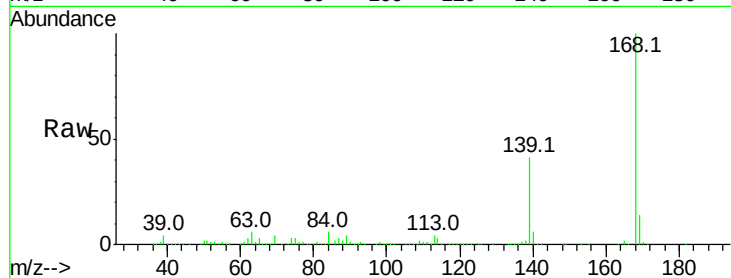
Tot Ion:139 Resp: 382327

Ion Ratio Lower Upper

139 100

109 5.7 34.1 74.1#

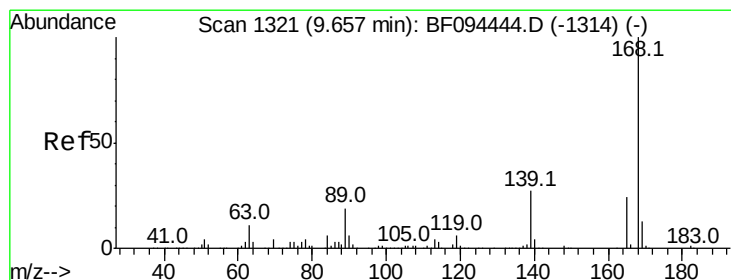
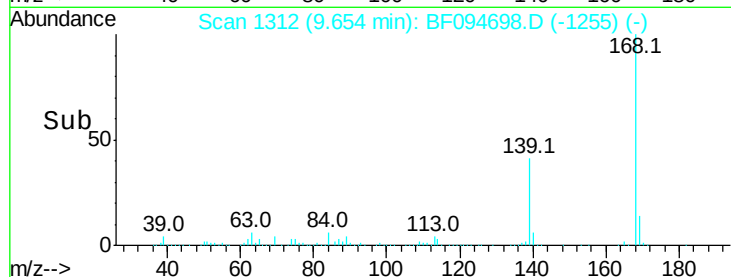
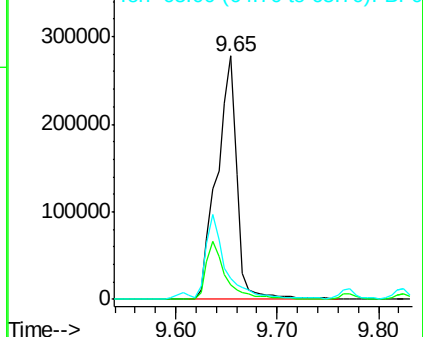
65 8.5 31.4 71.4#



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: 38.53 ng

RT: 9.67 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Tgt Ion:165 Resp: 138315

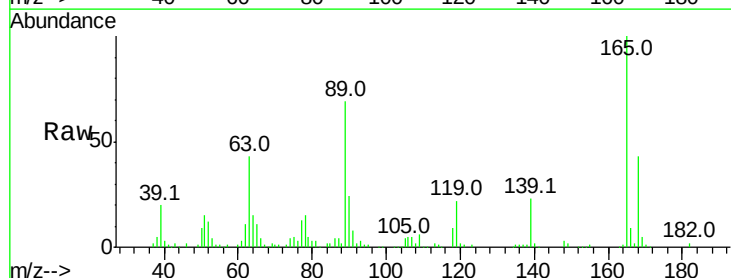
Ion Ratio Lower Upper

165 100

63 43.5 25.4 38.0#

89 69.4 46.4 69.6

182 2.4 1.8 2.6

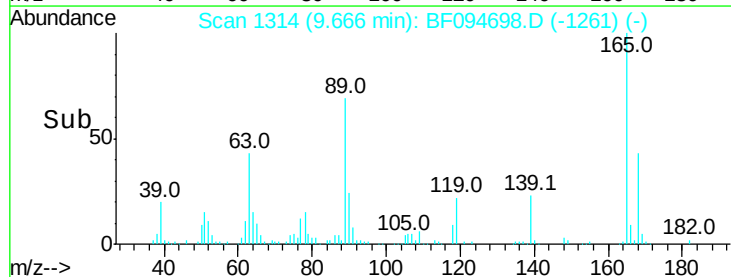
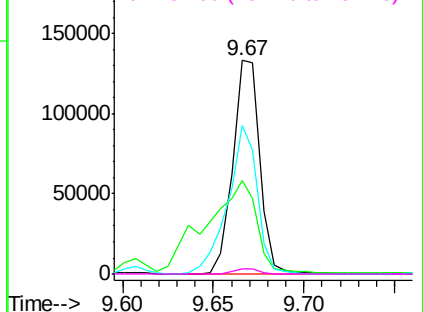


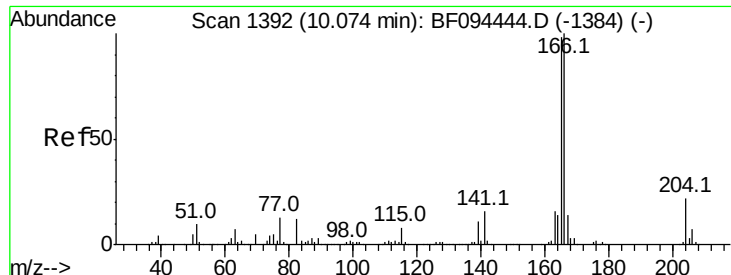
Abundance Ion 165.00 (164.70 to 165.70): E

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

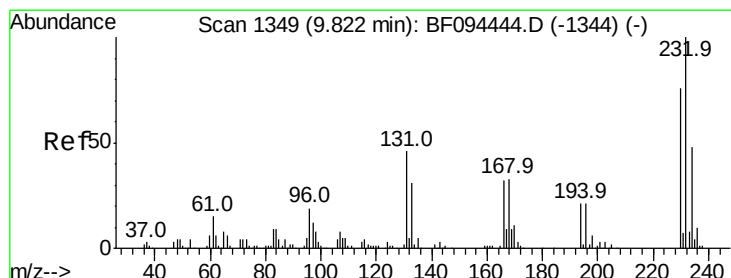
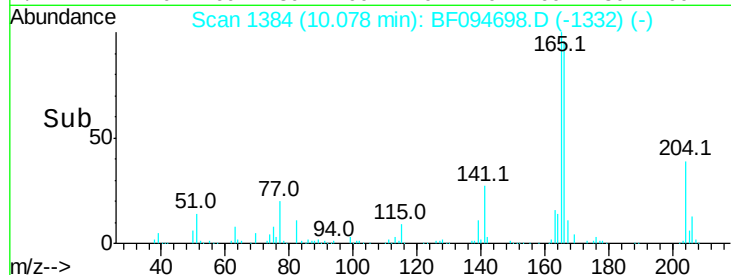
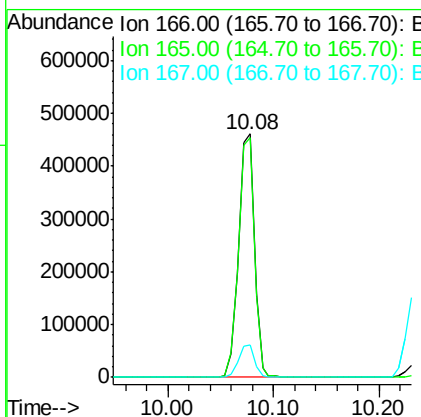
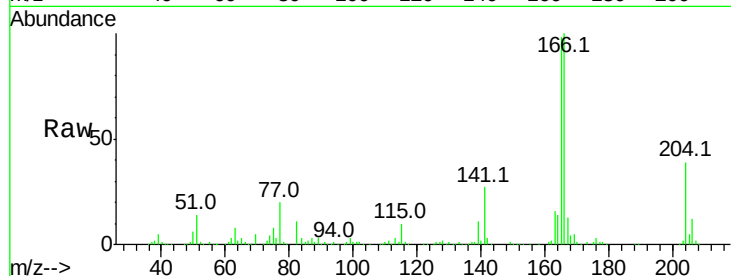




#57
 Fluorene
 Concen: 39.57 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

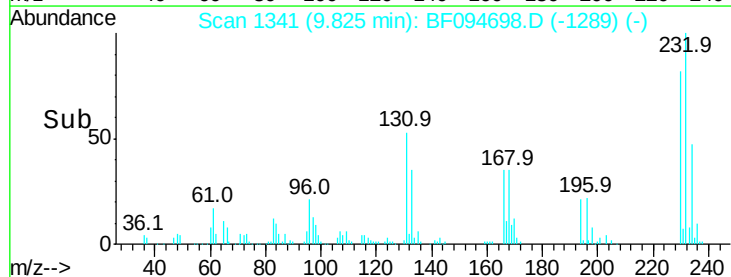
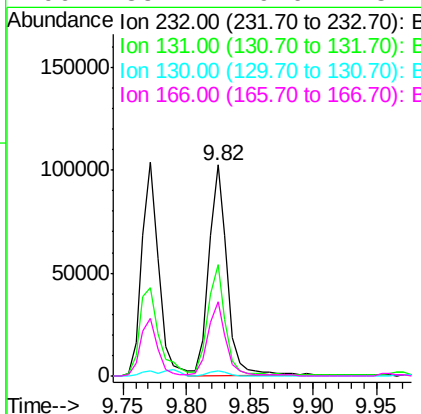
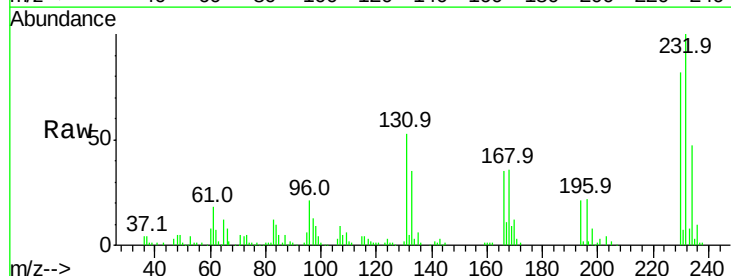
Instrument :
 BNA_F
 ClientSampleId :

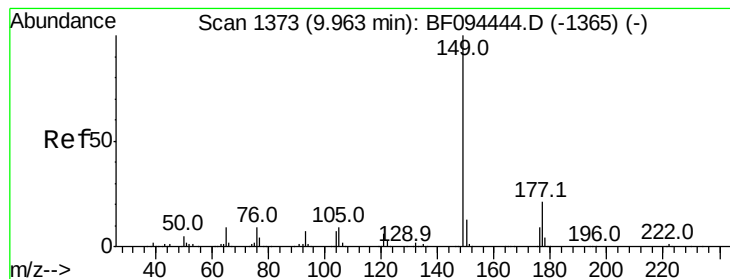
Tot Ion:166 Resp: 475173
 Ion Ratio Lower Upper
 166 100
 165 98.5 78.8 118.2
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.29 ng
 RT: 9.82 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion:232 Resp: 103714
 Ion Ratio Lower Upper
 232 100
 131 52.5 44.8 67.2
 130 2.6 2.3 3.5
 166 35.2 29.0 43.4





#59

Diethylphthalate

Concen: 42.22 ng

RT: 9.97 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :

BNA_F

ClientSampleId :

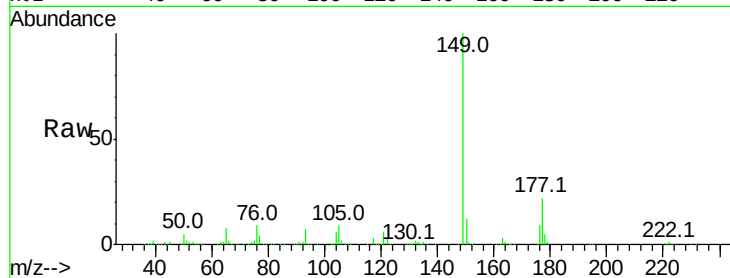
Tot Ion:149 Resp: 519171

Ion Ratio Lower Upper

149 100

177 22.2 16.7 25.1

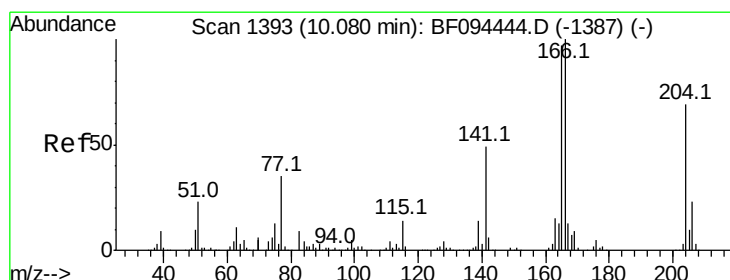
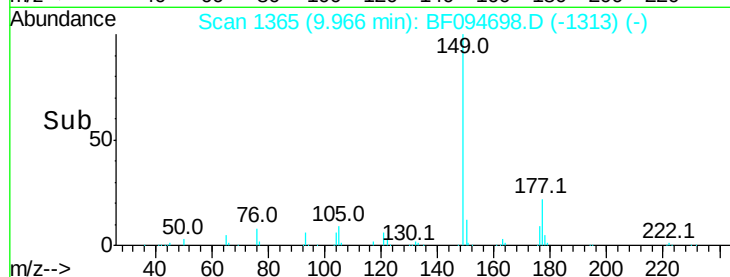
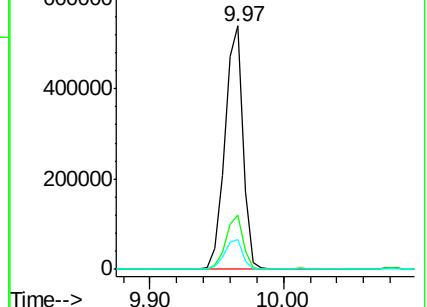
150 12.3 10.2 15.2



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: 41.65 ng

RT: 10.08 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

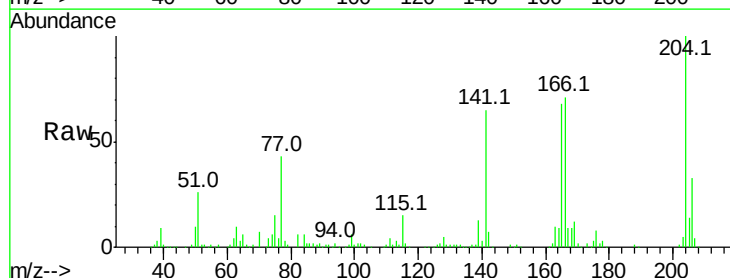
Tgt Ion:204 Resp: 208134

Ion Ratio Lower Upper

204 100

206 32.8 26.2 39.2

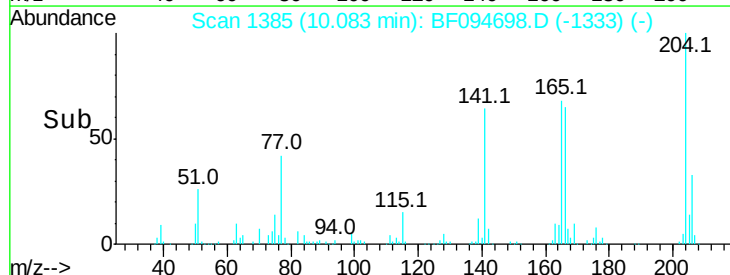
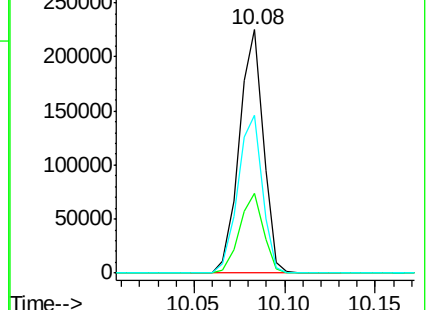
141 64.8 60.8 91.2

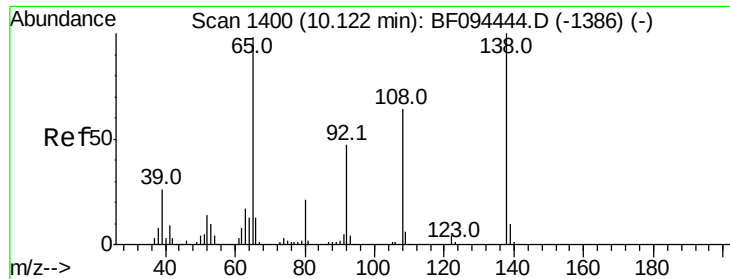


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

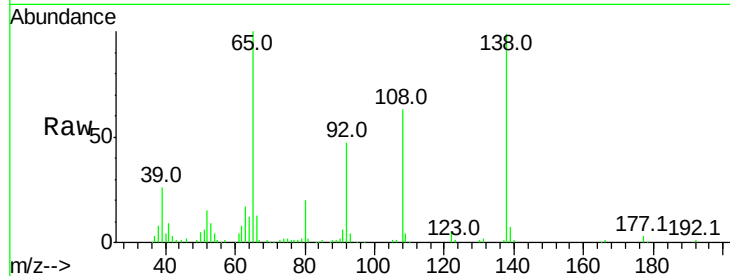




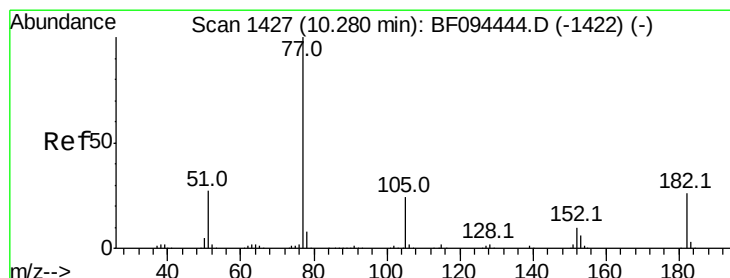
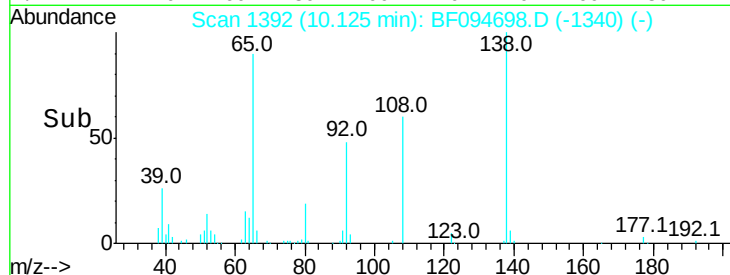
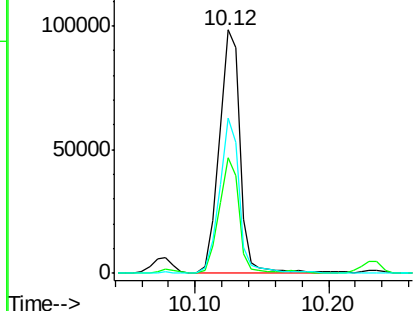
#61
4-Nitroaniline
Concen: 31.83 ng
RT: 10.12 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.8	21.8	61.8
108	63.7	42.3	82.3

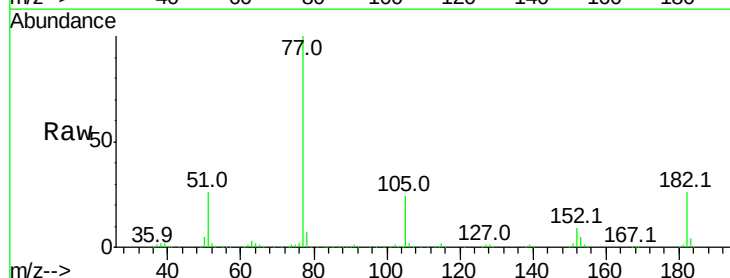


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

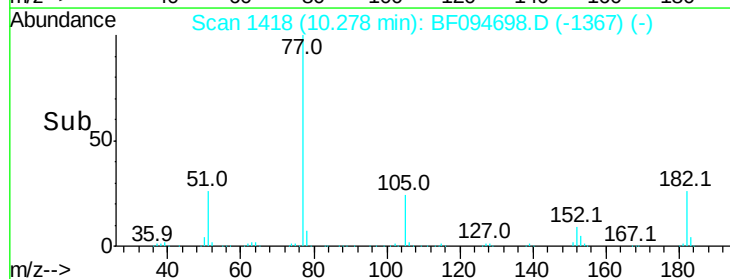
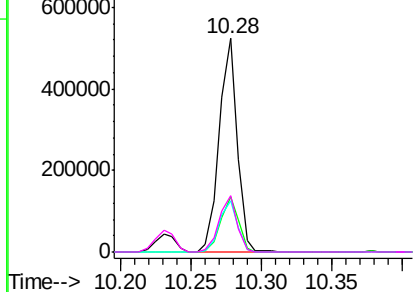


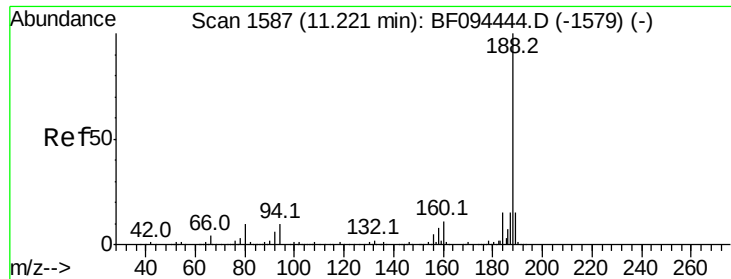
#62
Azobenzene
Concen: 38.74 ng
RT: 10.28 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.7	0.1	40.1
105	24.2	3.6	43.6
51	26.2	9.4	49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

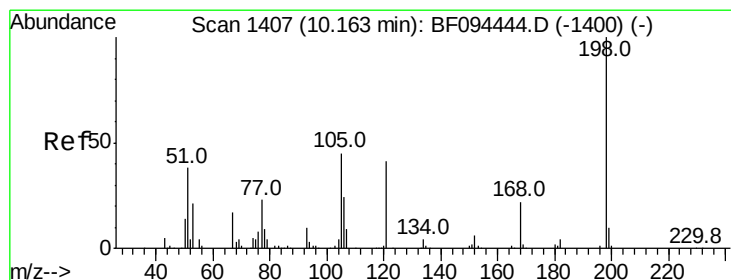
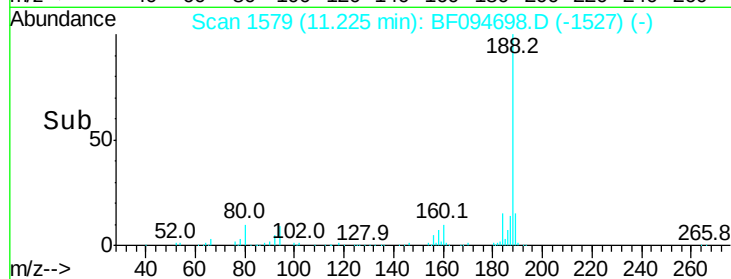
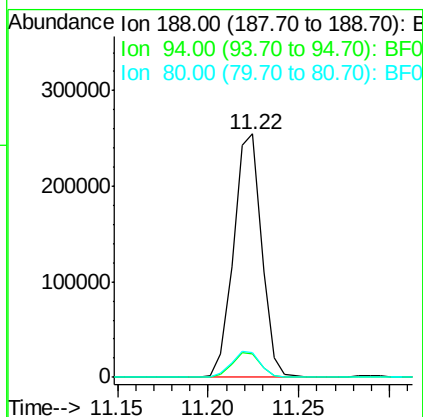
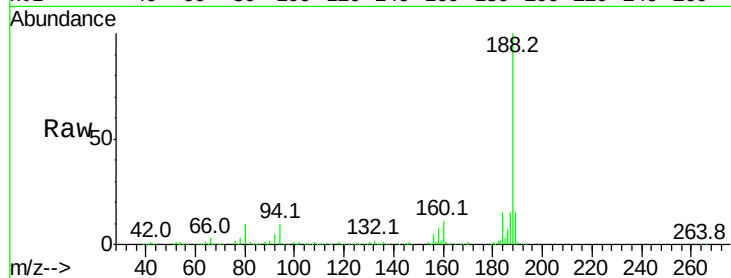




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

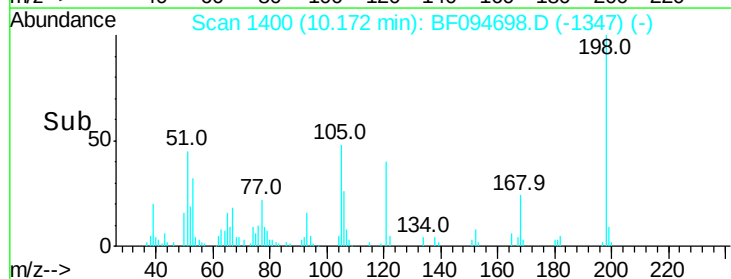
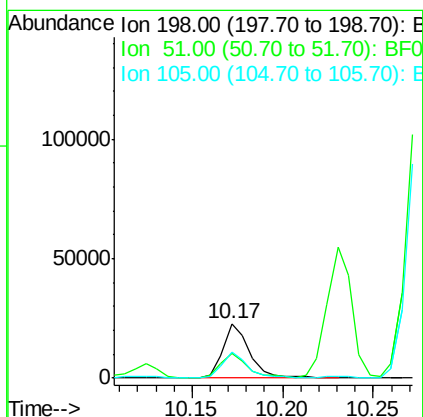
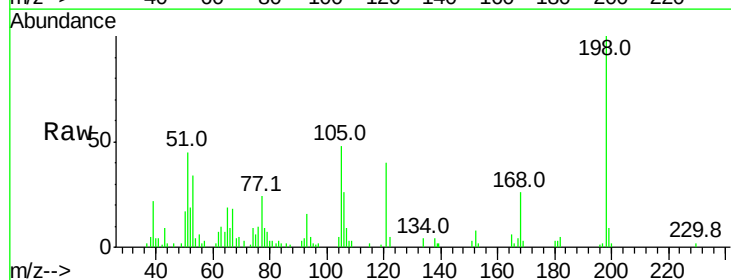
Instrument :
BNA_F
ClientSampleId :

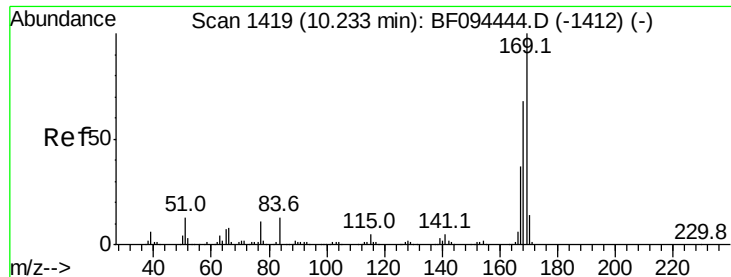
Tot Ion:188 Resp: 274799
Ion Ratio Lower Upper
188 100
94 9.7 9.4 14.2
80 10.2 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 12.89 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Tgt Ion:198 Resp: 23214
Ion Ratio Lower Upper
198 100
51 45.2 53.2 93.2#
105 48.0 45.8 85.8

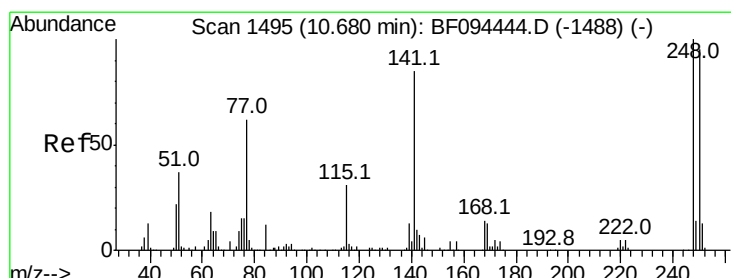
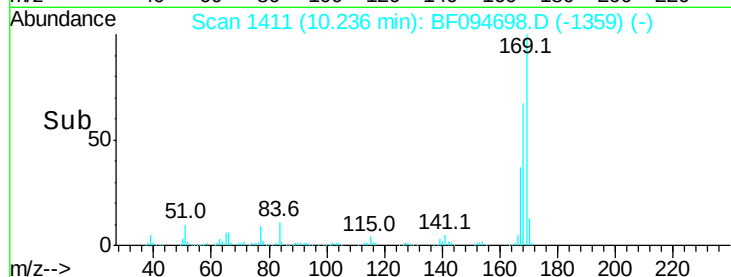
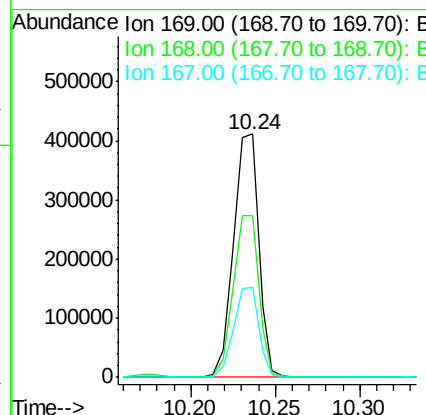
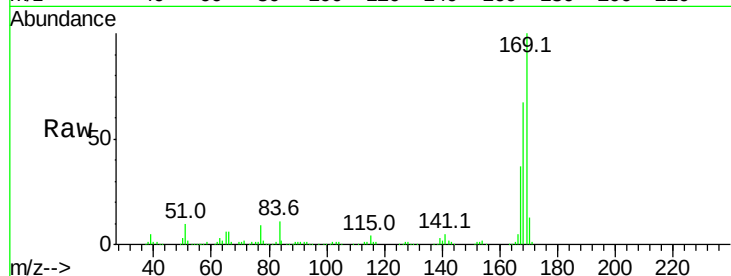




#65
 n-Nitrosodiphenylamine
 Concen: 44.65 ng
 RT: 10.24 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

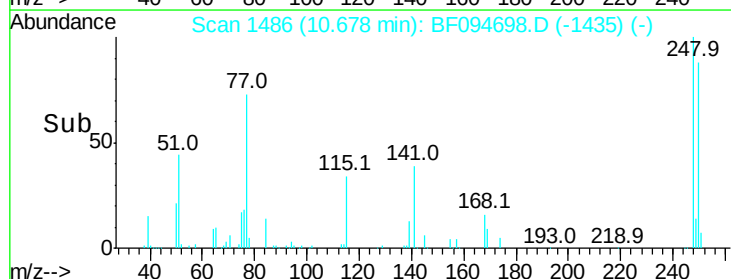
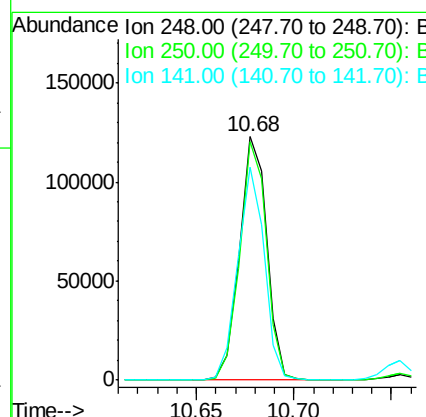
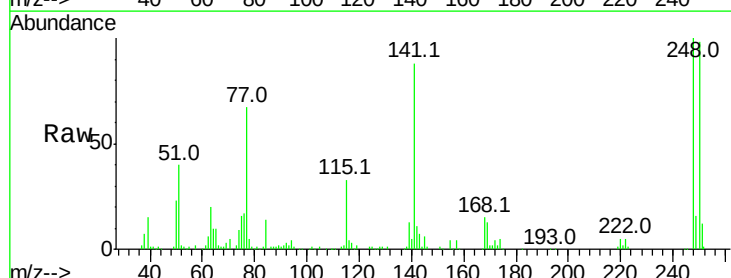
Instrument :
 BNA_F
 ClientSampleId :

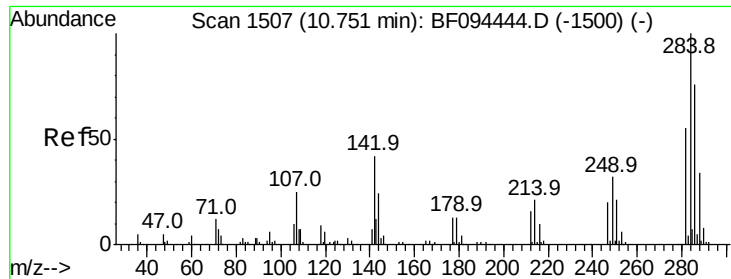
Tot Ion:169 Resp: 426735
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.2 79.8
 167 37.0 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 43.71 ng
 RT: 10.68 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion:248 Resp: 119271
 Ion Ratio Lower Upper
 248 100
 250 98.0 76.8 115.2
 141 87.6 68.6 103.0

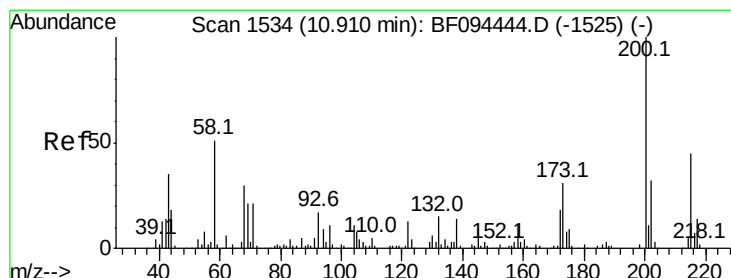
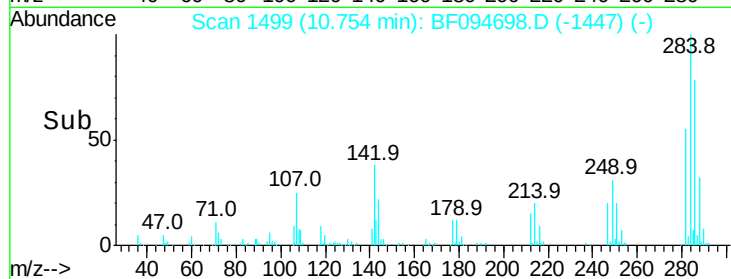
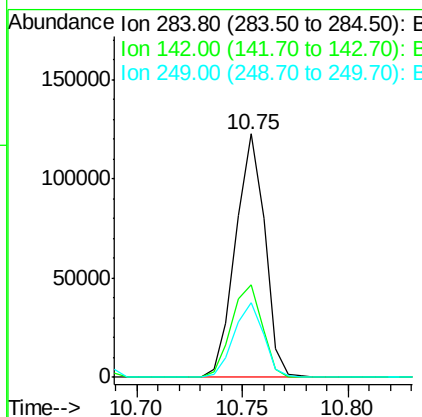
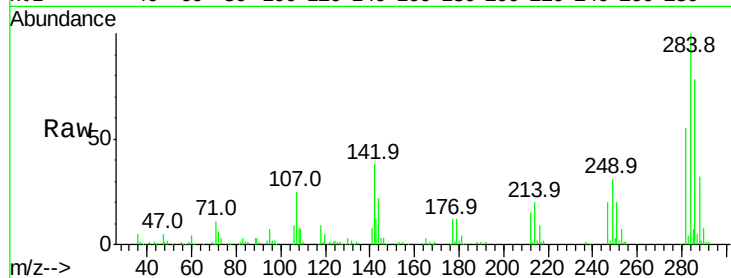




#67
Hexachlorobenzene
Concen: 42.67 ng
RT: 10.75 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

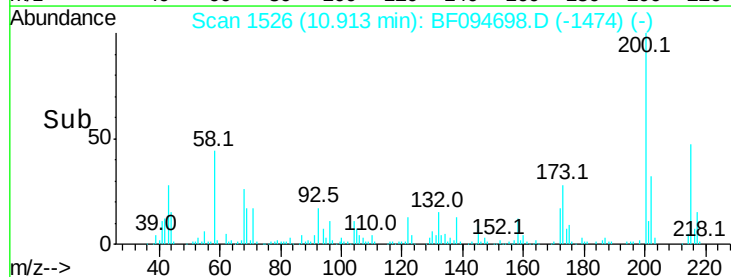
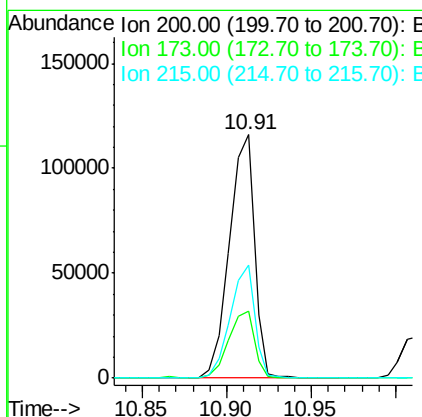
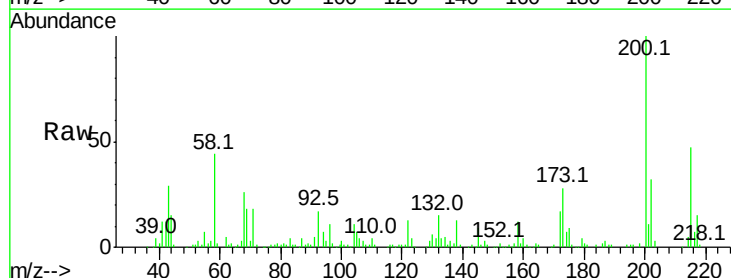
Instrument :
BNA_F
ClientSampleId :

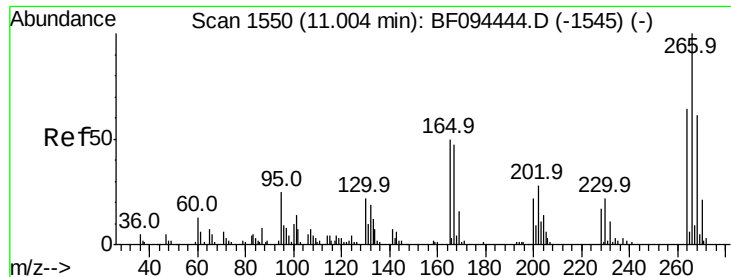
Tot Ion:284 Resp: 117326
Ion Ratio Lower Upper
284 100
142 38.3 22.8 34.2#
249 30.8 24.0 36.0



#68
Atrazine
Concen: 41.96 ng
RT: 10.91 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Tgt Ion:200 Resp: 119954
Ion Ratio Lower Upper
200 100
173 27.7 6.3 46.3
215 46.6 27.2 67.2

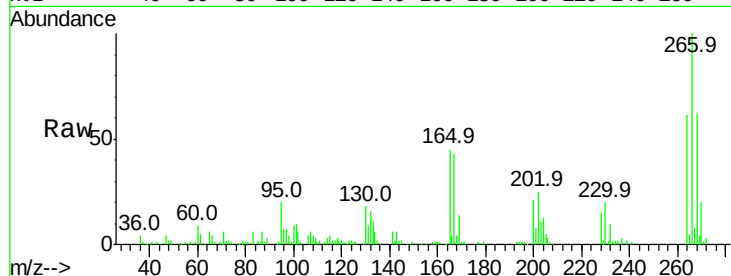




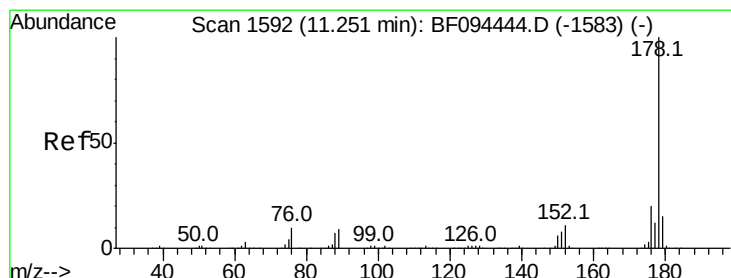
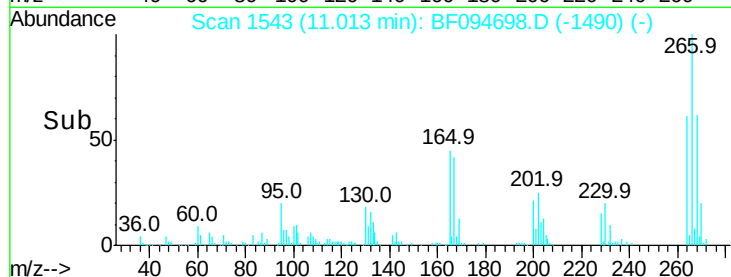
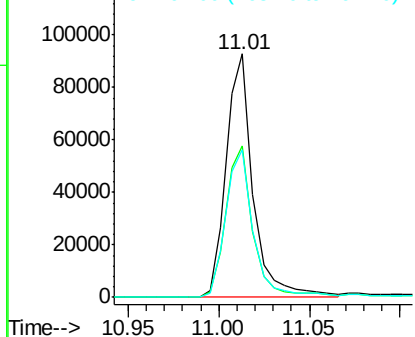
#69
 Pentachlorophenol
 Concen: 88.26 ng
 RT: 11.01 min Scan# 1543
 Delta R.T. 0.01 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 96372
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.1 76.7
 264 60.5 51.7 77.5

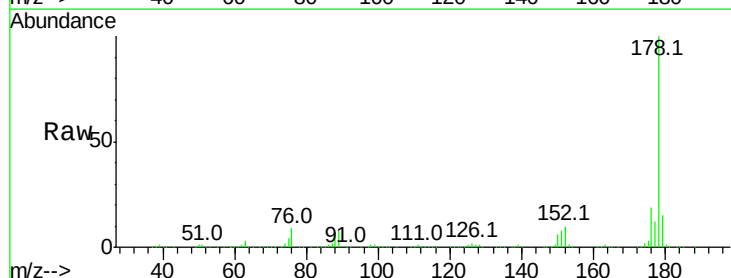


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

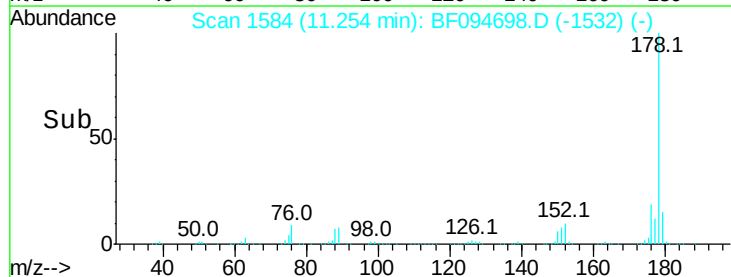
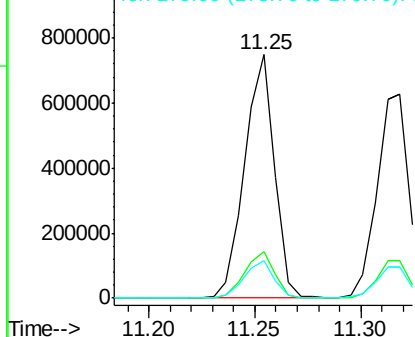


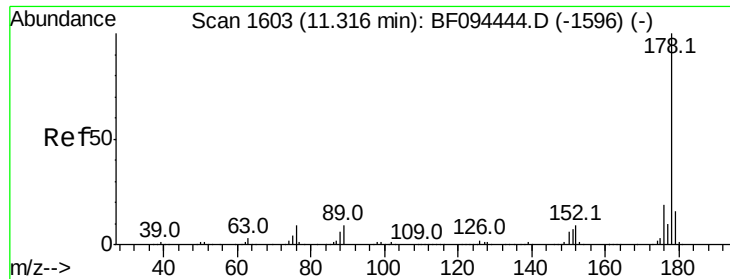
#70
 Phenanthrene
 Concen: 47.41 ng
 RT: 11.25 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion:178 Resp: 733640
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.2 24.4
 179 15.4 12.6 19.0



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

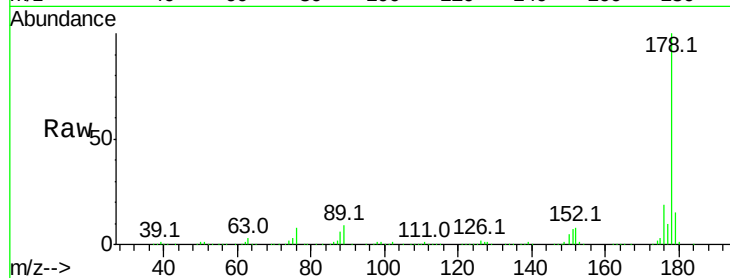




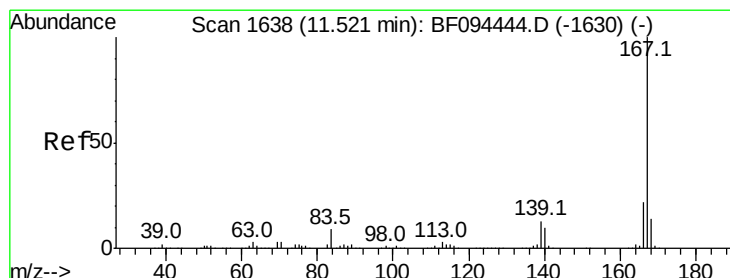
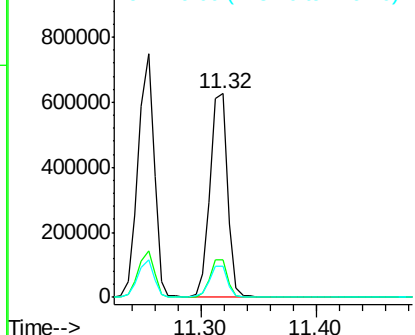
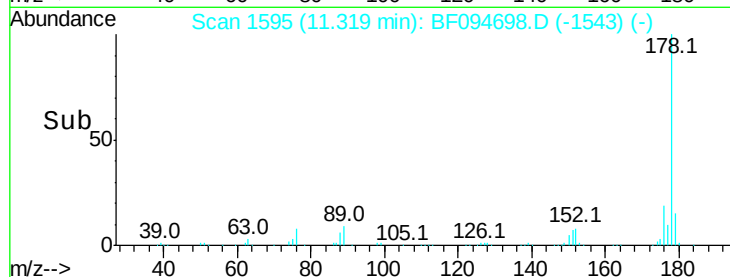
#71
 Anthracene
 Concen: 41.63 ng
 RT: 11.32 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 666397
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.1 12.7 19.1

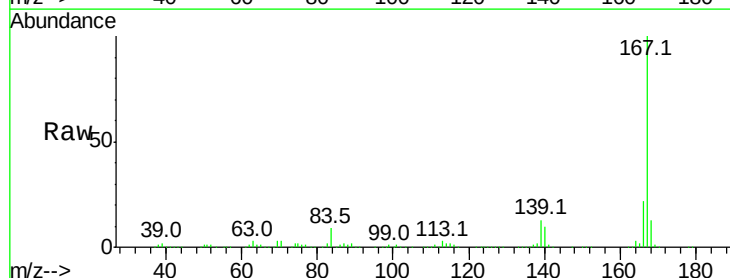


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

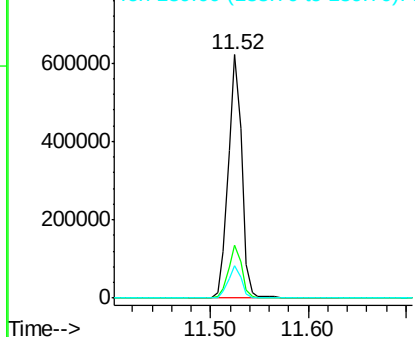
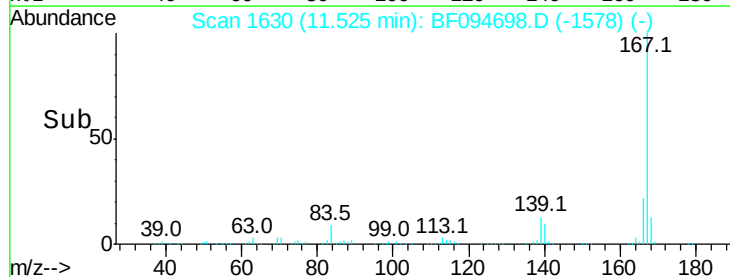


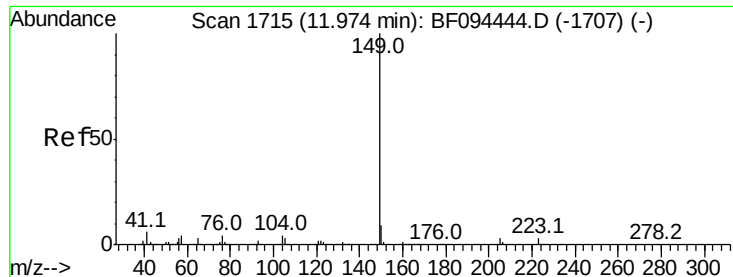
#72
 Carbazole
 Concen: 39.72 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion:167 Resp: 596726
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 13.1 11.7 17.5



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





#73

Di-n-butylphthalate

Concen: 46.07 ng

RT: 11.97 min Scan# 1706

Delta R.T. -0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :

BNA_F

ClientSampleId :

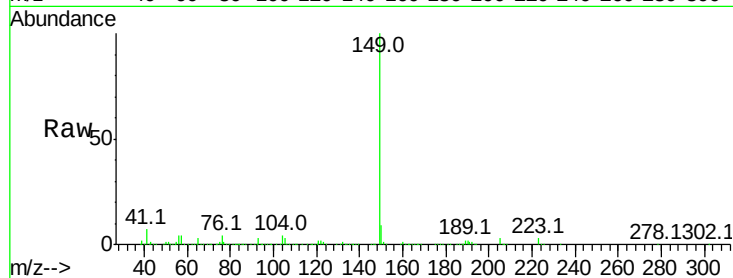
Tot Ion:149 Resp: 762090

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

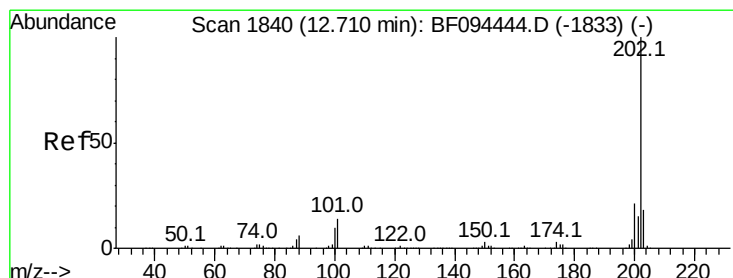
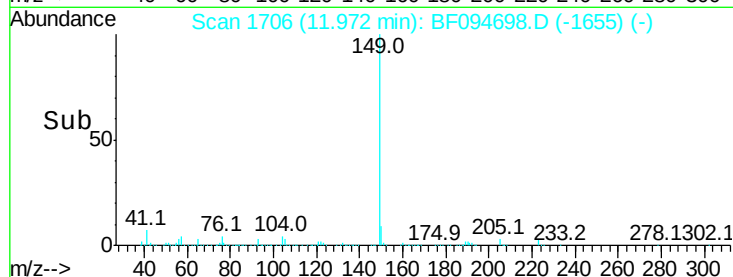
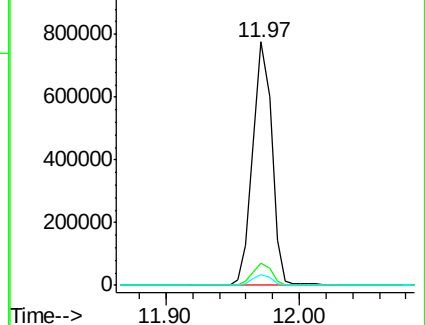
104 4.5 4.0 6.0



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: 47.47 ng

RT: 12.71 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

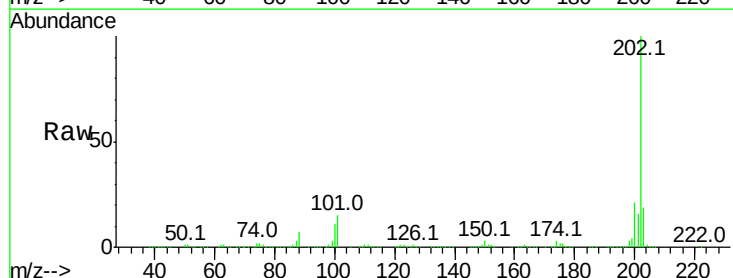
Tgt Ion:202 Resp: 761355

Ion Ratio Lower Upper

202 100

101 14.6 0.0 33.2

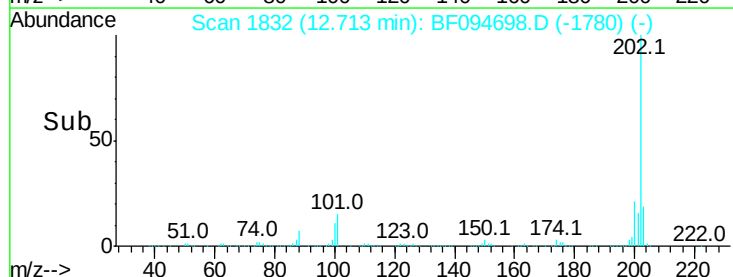
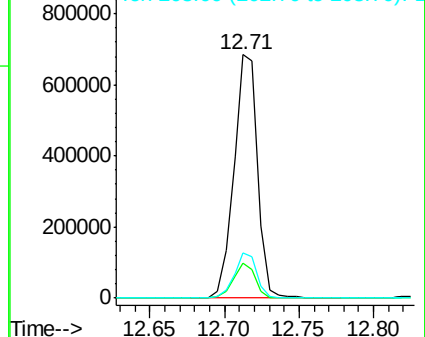
203 18.7 0.0 38.1

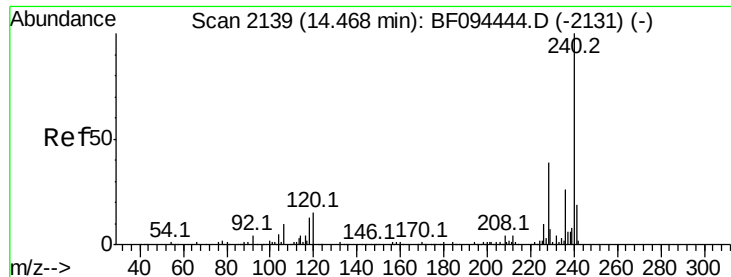


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.48 min Scan# 2132

Delta R.T. 0.01 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :

BNA_F

ClientSampleID :

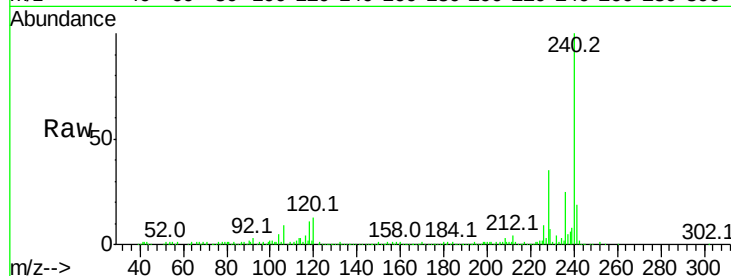
Tot Ion:240 Resp: 208678

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

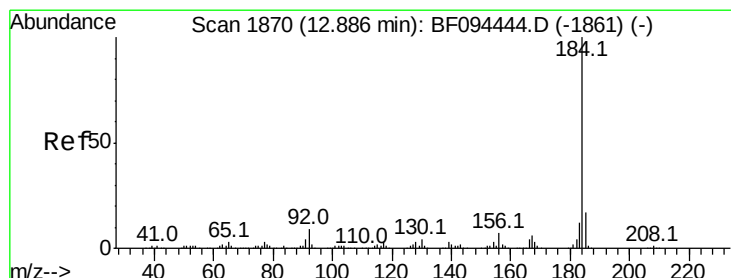
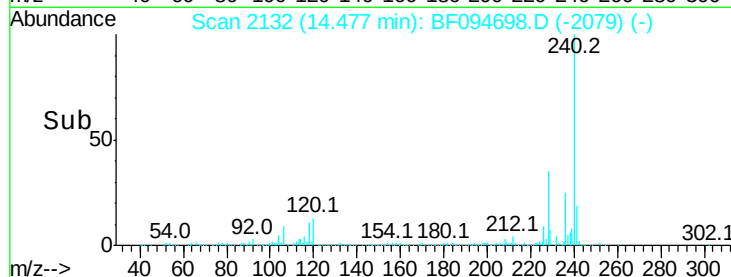
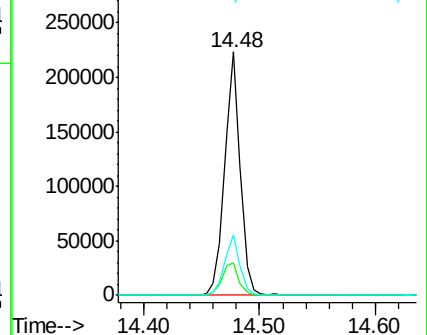
236 24.9 20.5 30.7



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: 35.91 ng

RT: 12.90 min Scan# 1863

Delta R.T. 0.01 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

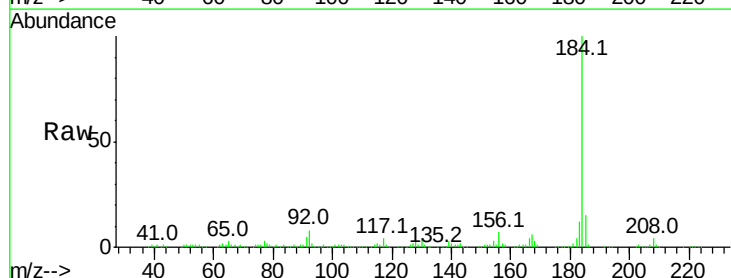
Tgt Ion:184 Resp: 303401

Ion Ratio Lower Upper

184 100

185 14.6 15.5 23.3#

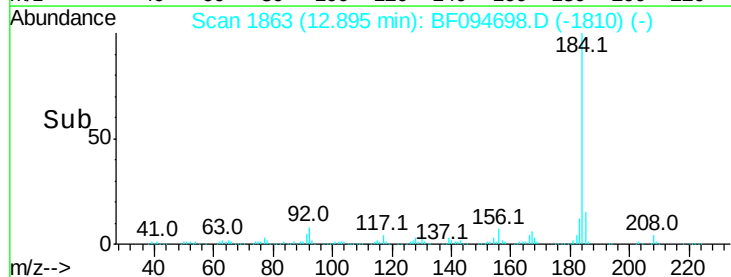
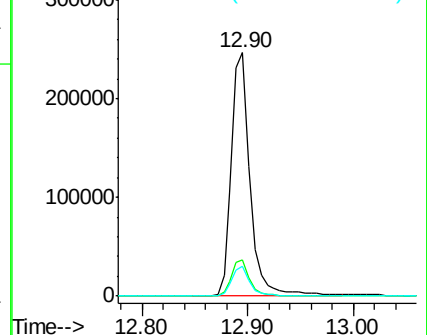
183 12.4 9.8 14.6

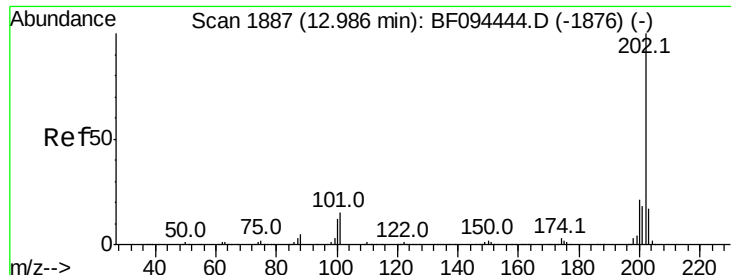


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 51.67 ng

RT: 12.99 min Scan# 1879

Delta R.T. 0.00 min

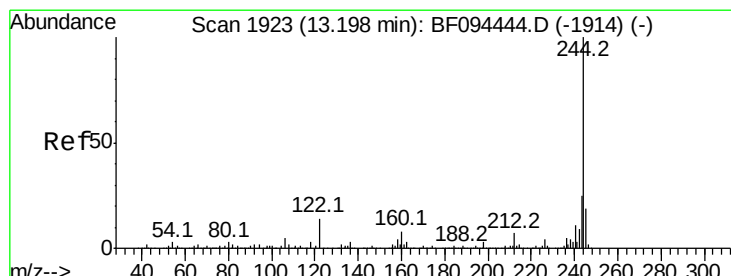
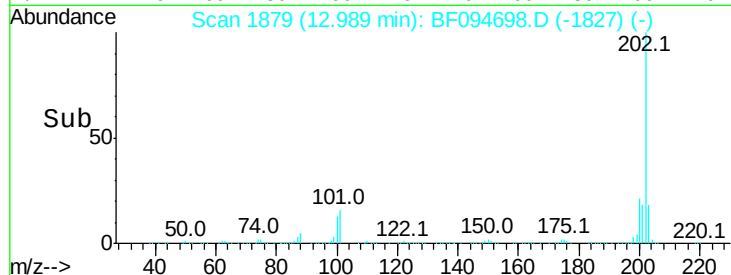
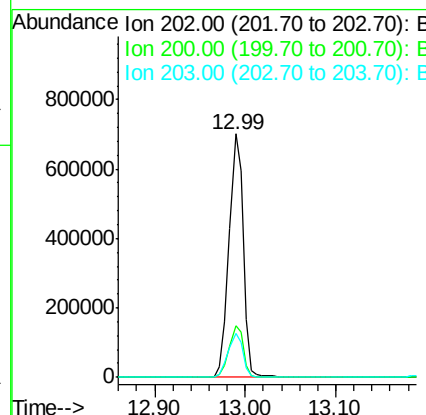
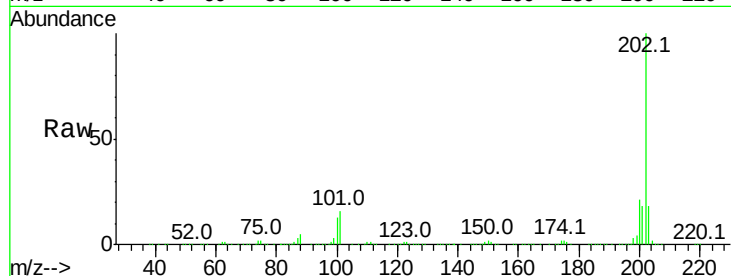
Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 753315

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	18.3	14.4	21.6



#78

Terphenyl-d14

Concen: 83.39 ng

RT: 13.20 min Scan# 1914

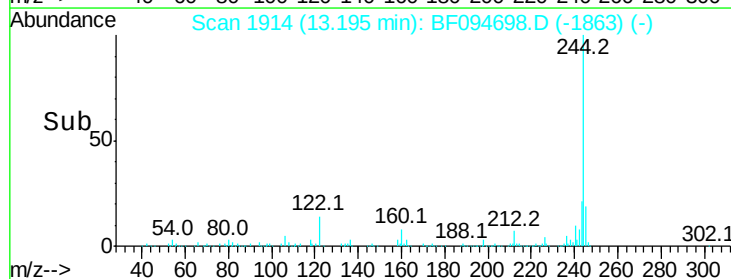
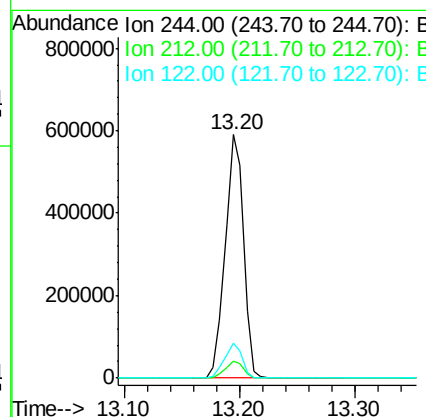
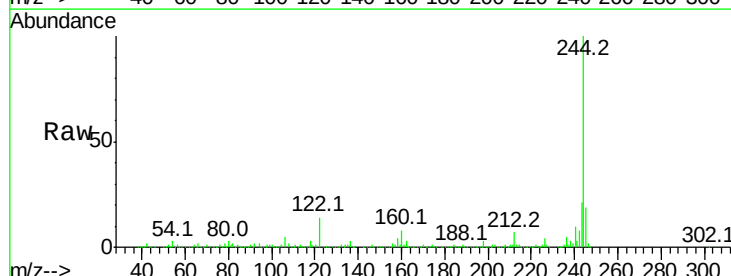
Delta R.T. -0.00 min

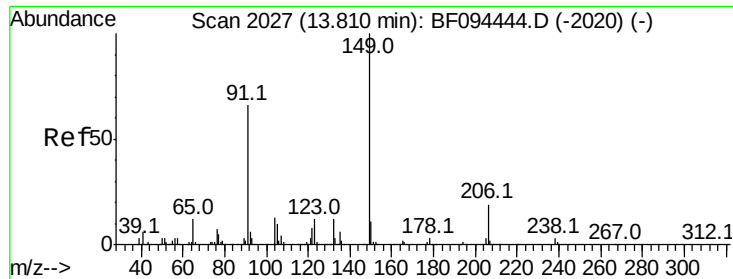
Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Tgt Ion:244 Resp: 651058

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.4	10.3	15.5

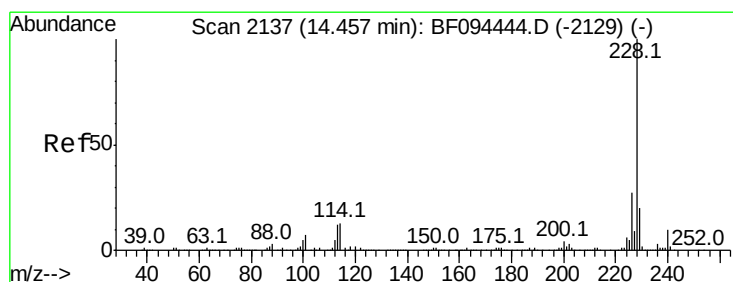
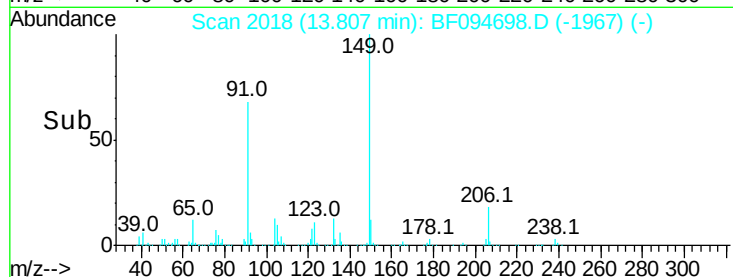
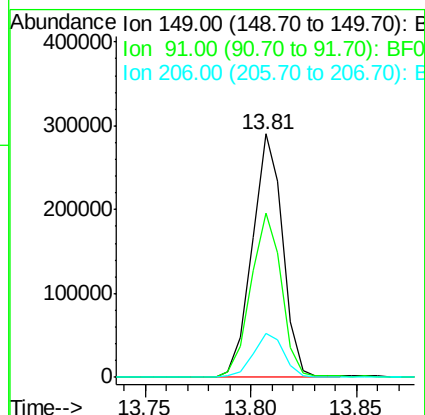
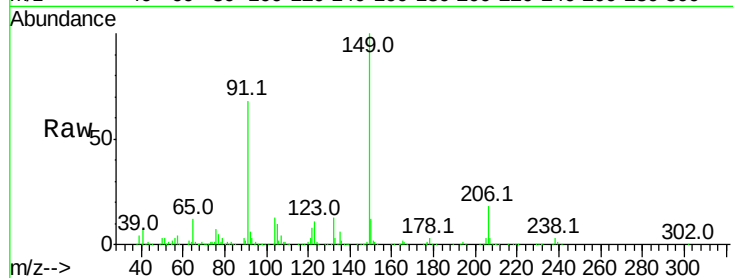




#79
Butylbenzylphthalate
Concen: 45.37 ng
RT: 13.81 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

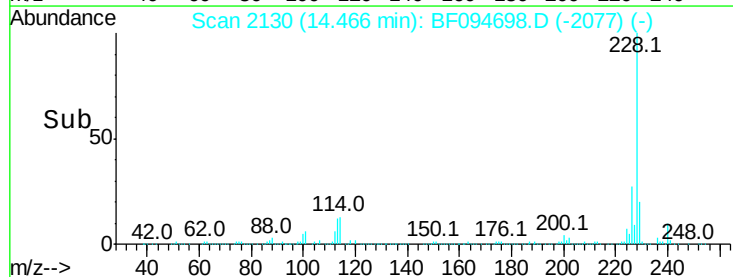
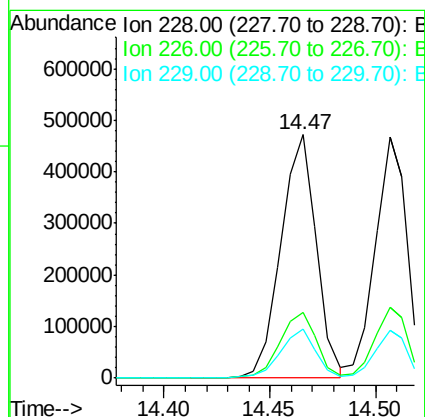
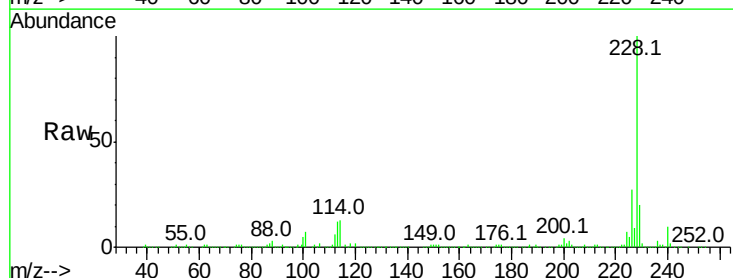
Instrument :
BNA_F
ClientSampleId :

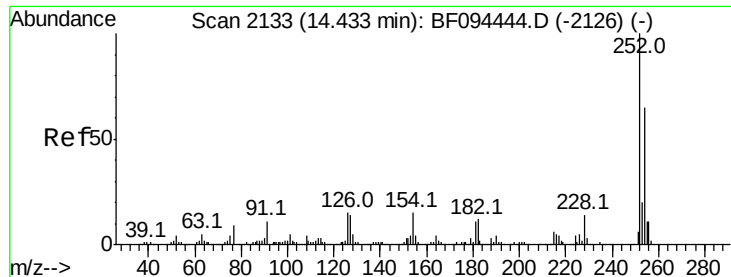
Tot Ion:149 Resp: 289872
Ion Ratio Lower Upper
149 100
91 67.7 45.0 67.4#
206 18.3 17.0 25.6



#80
Benzo(a)anthracene
Concen: 45.40 ng
RT: 14.47 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF094698.D
Acq: 28 Apr 2017 21:53

Tgt Ion:228 Resp: 550676
Ion Ratio Lower Upper
228 100
226 27.1 22.6 33.8
229 20.1 16.3 24.5

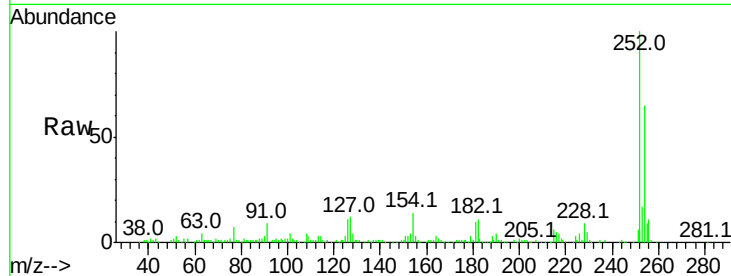




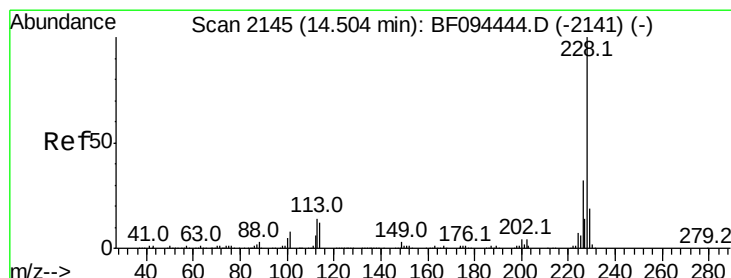
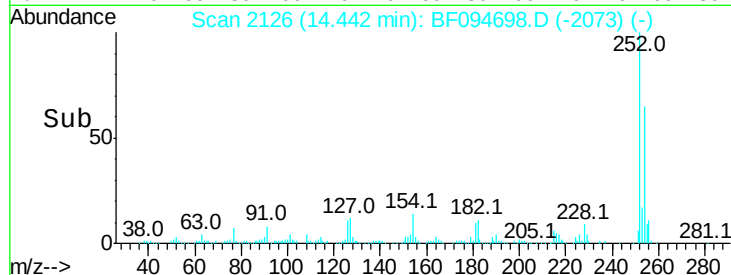
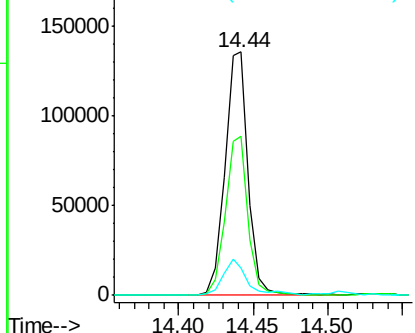
#81
 3,3'-Dichlorobenzidine
 Concen: 34.78 ng
 RT: 14.44 min Scan# 2126
 Delta R.T. 0.01 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.5	77.3
126	11.3	15.8	23.8

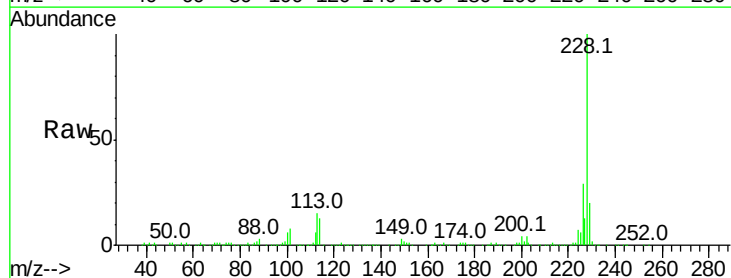


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

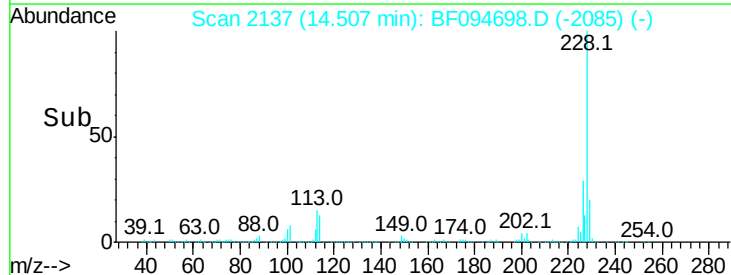
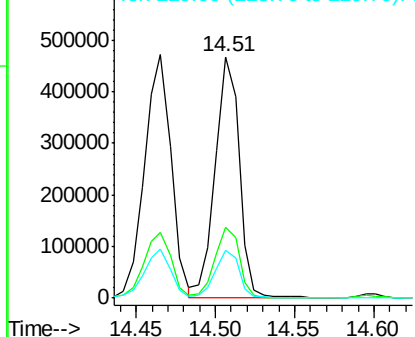


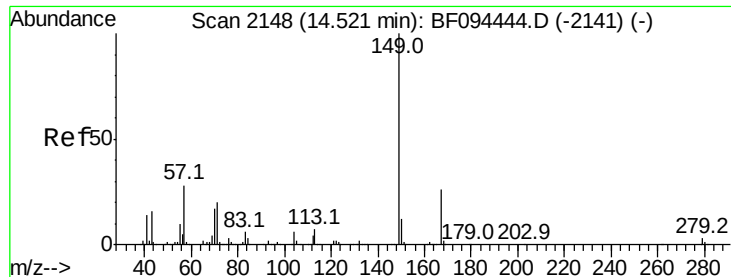
#82
 Chrysene
 Concen: 44.44 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.9	37.3
229	19.9	15.8	23.6



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

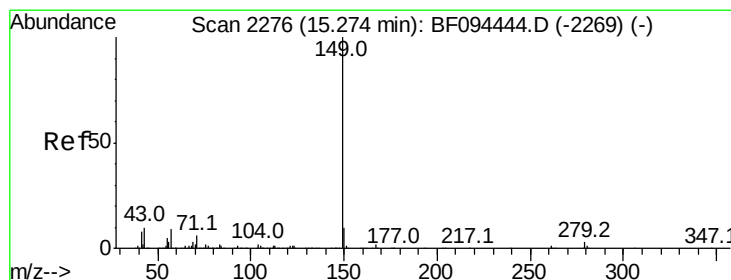
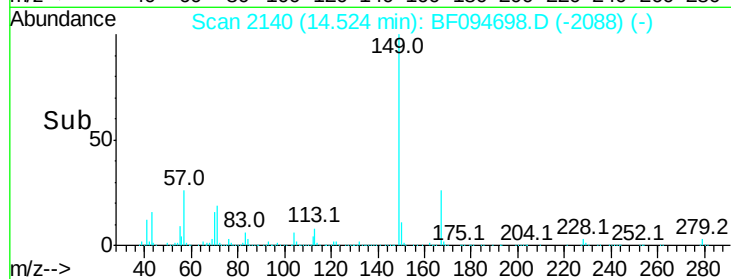
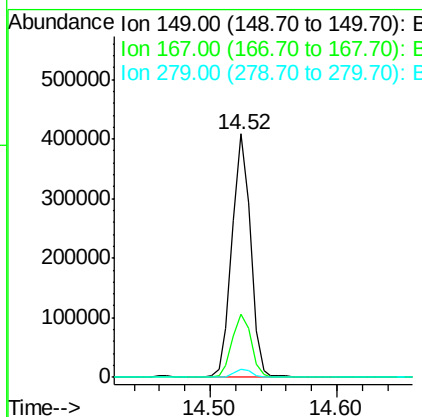
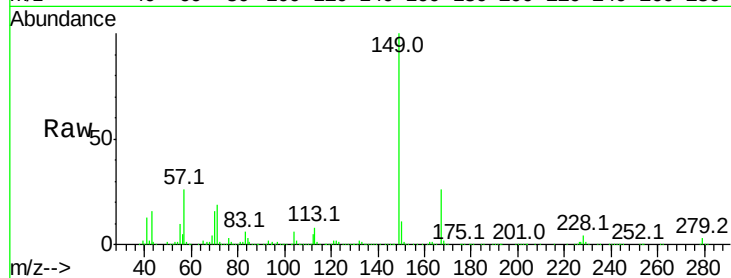




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.49 ng
 RT: 14.52 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

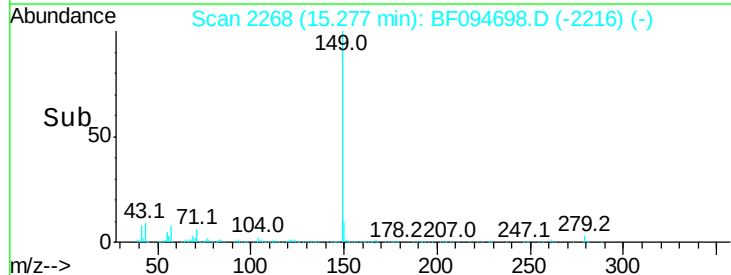
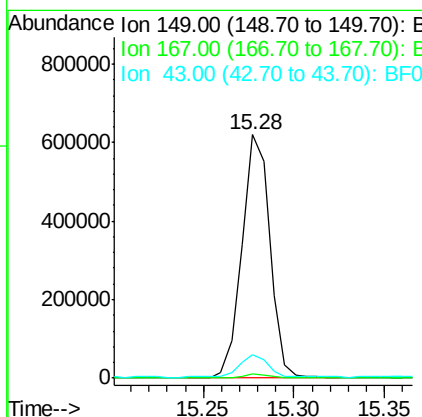
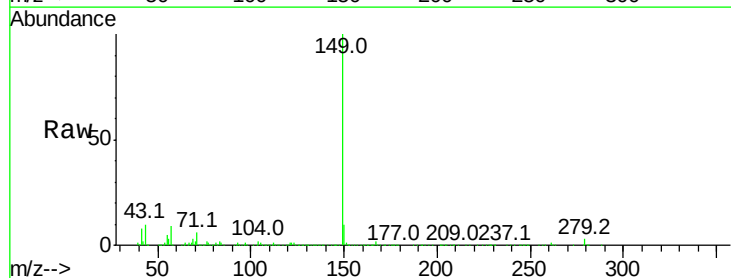
Instrument :
 BNA_F
 ClientSampleId :

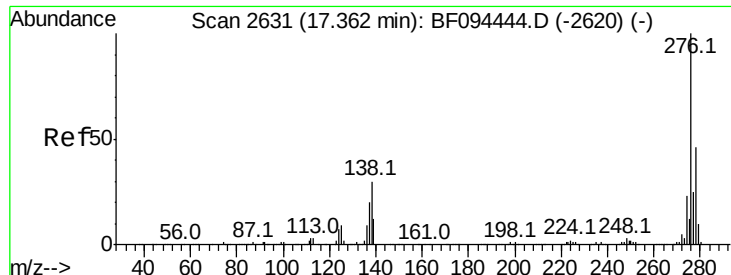
Tot Ion:149 Resp: 407402
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.0 31.4
 279 3.1 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 45.98 ng
 RT: 15.28 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion:149 Resp: 661644
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.4 8.5 12.7

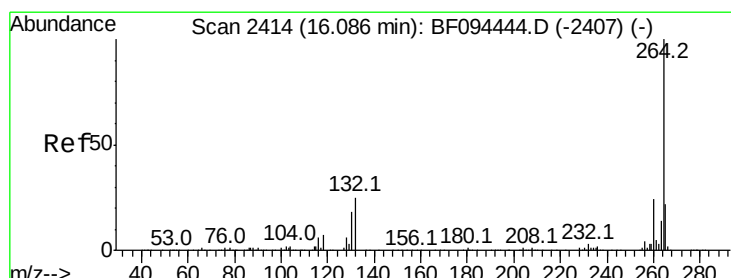
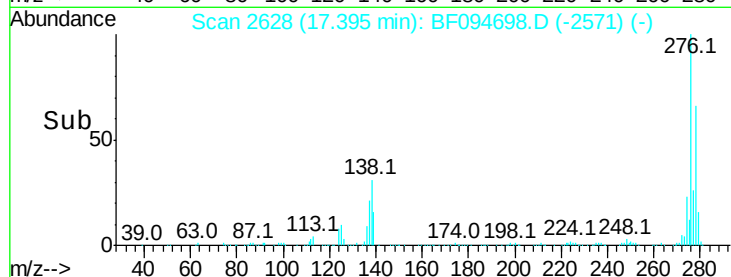
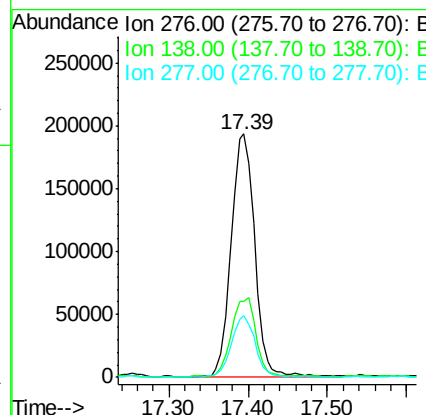
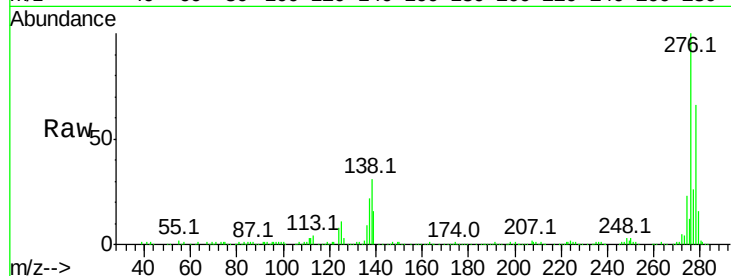




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.57 ng
 RT: 17.39 min Scan# 2628
 Delta R.T. 0.03 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

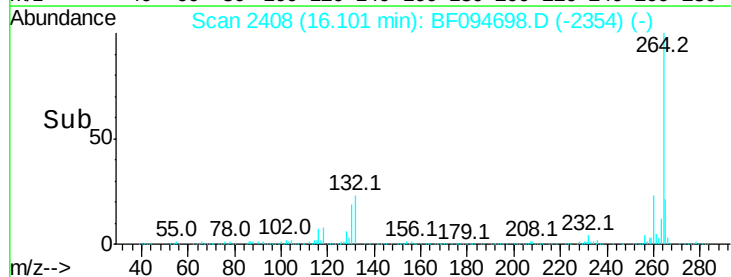
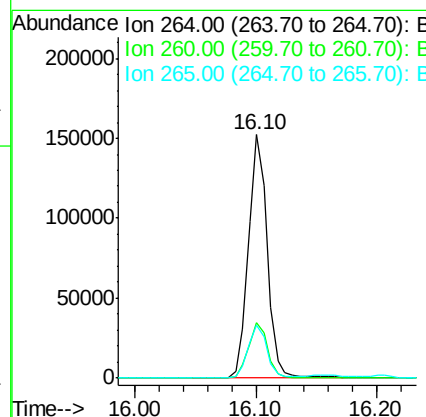
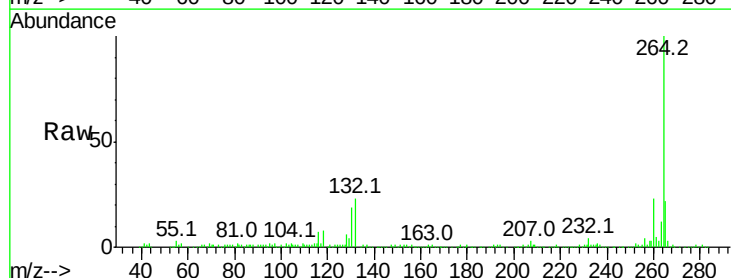
Instrument :
 BNA_F
 ClientSampleId :

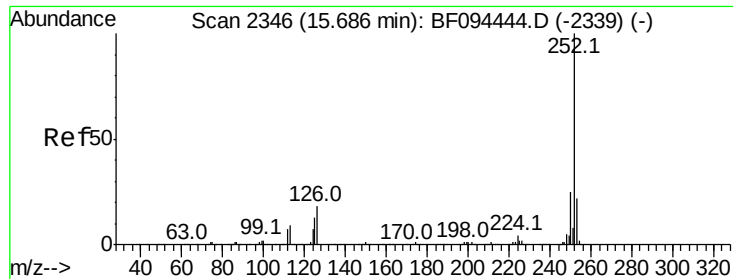
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.8	27.8	41.6
277	25.1	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.10 min Scan# 2408
 Delta R.T. 0.01 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 48.03 ng

RT: 15.71 min Scan# 2341

Delta R.T. 0.02 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :

BNA_F

ClientSampled :

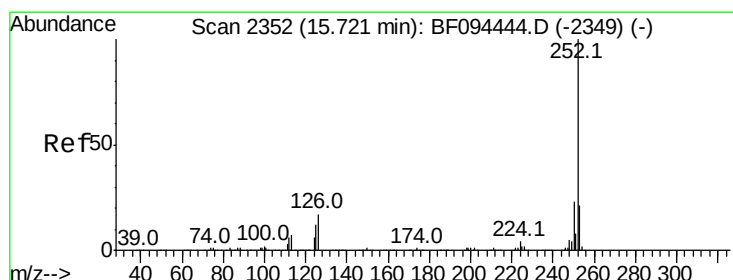
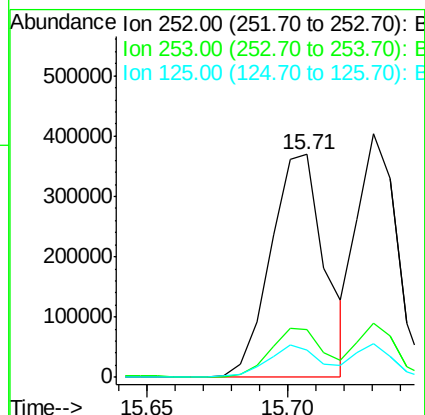
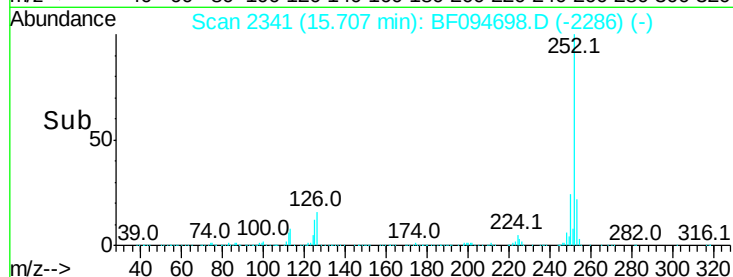
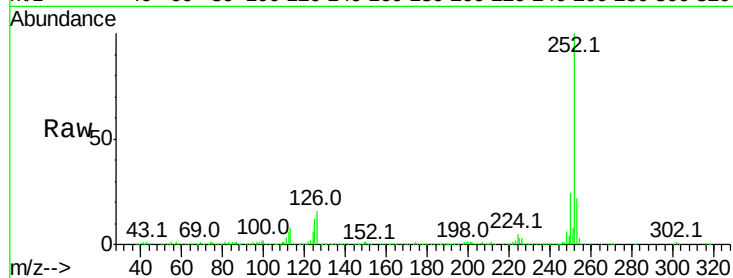
Tot Ion:252 Resp: 490471

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

125 12.3 9.8 14.8



#88

Benzo(k)fluoranthene

Concen: 41.17 ng

RT: 15.73 min Scan# 2345

Delta R.T. 0.01 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

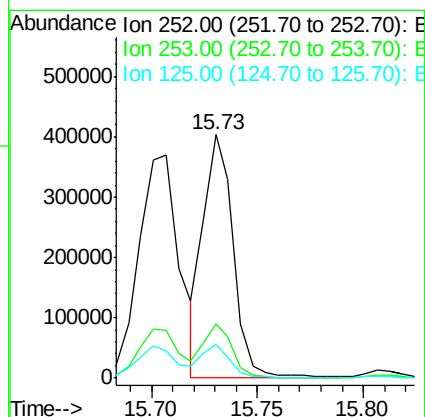
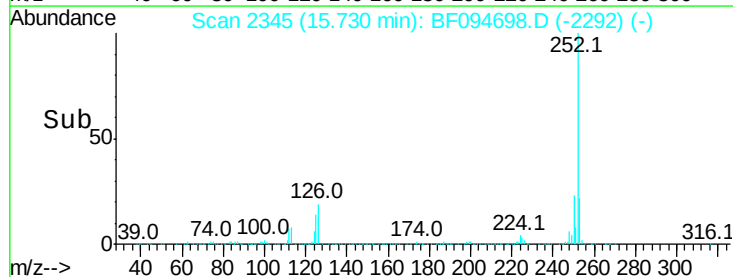
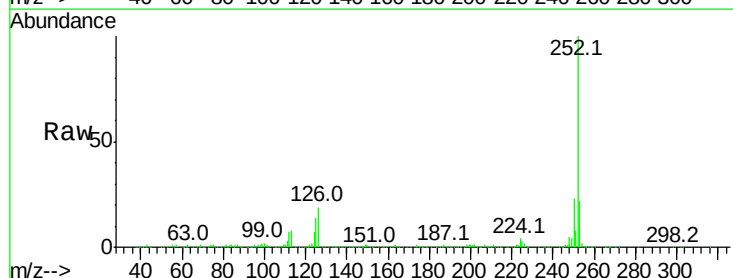
Tgt Ion:252 Resp: 397846

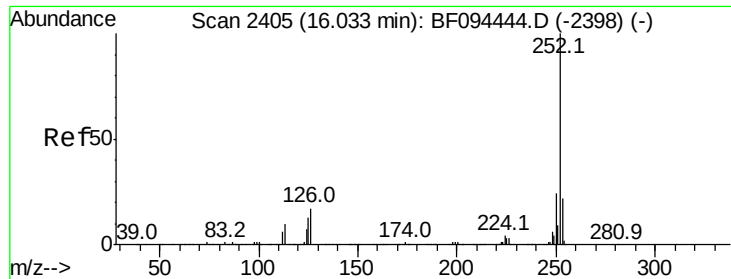
Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

125 13.8 13.1 19.7





#89

Benzo(a)pyrene

Concen: 44.07 ng

RT: 16.05 min Scan# 2399

Delta R.T. 0.01 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

Instrument :

BNA_F

ClientSampleId :

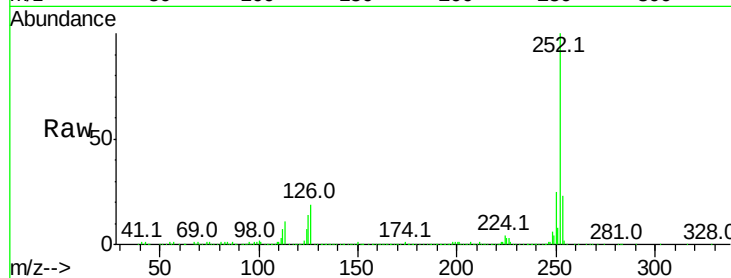
Tot Ion:252 Resp: 418679

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

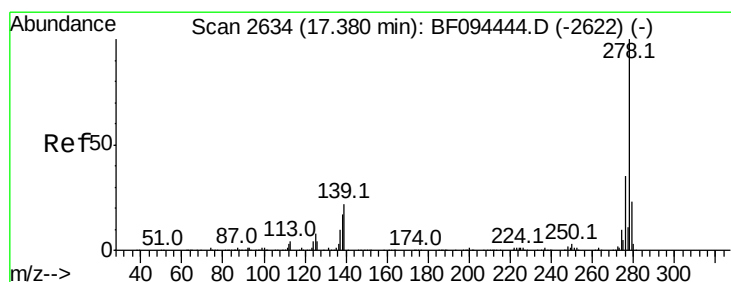
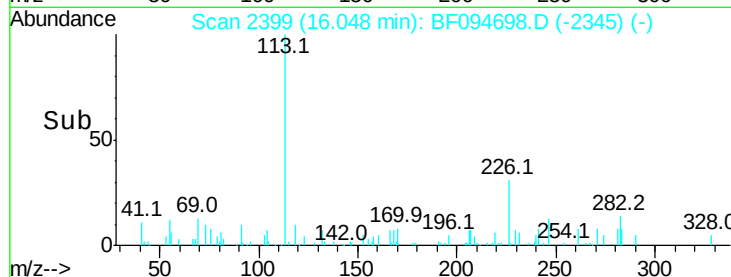
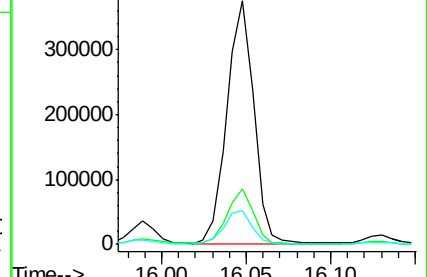
125 14.1 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.90 ng

RT: 17.41 min Scan# 2630

Delta R.T. 0.03 min

Lab File: BF094698.D

Acq: 28 Apr 2017 21:53

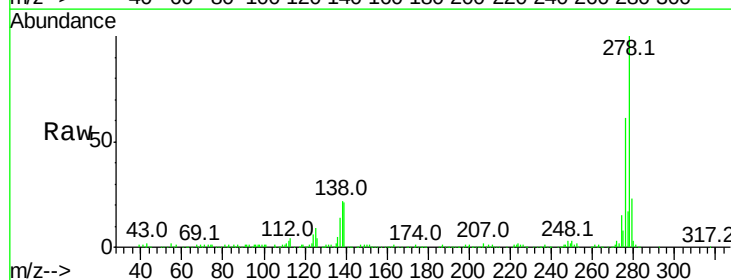
Tgt Ion:278 Resp: 322624

Ion Ratio Lower Upper

278 100

139 20.7 16.6 24.8

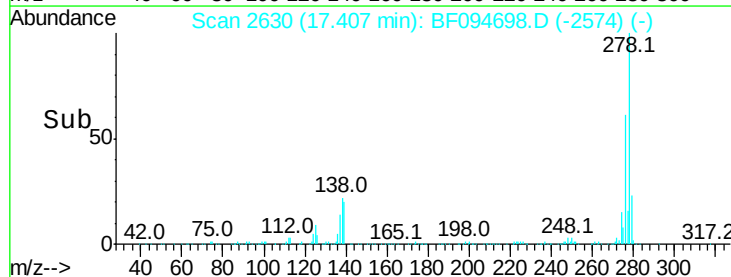
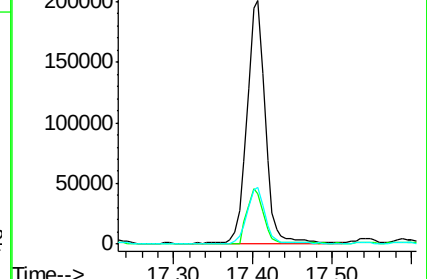
279 23.4 19.3 28.9

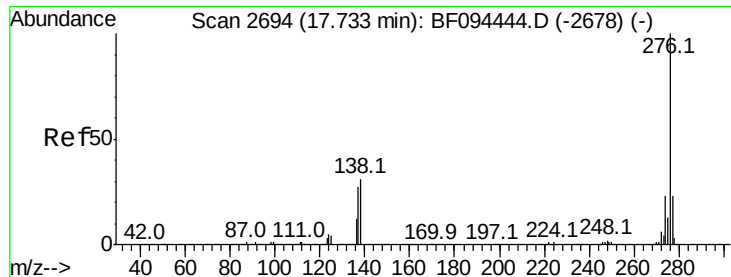


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

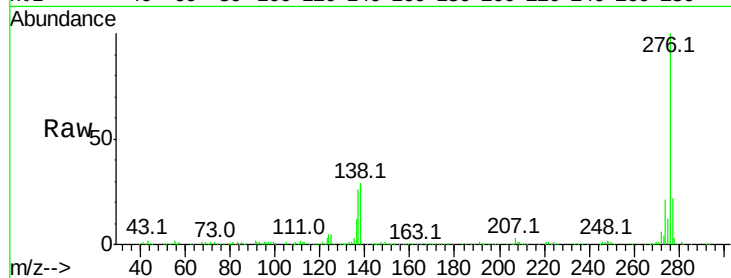




#91
 Benzo(a,h,i)perylene
 Concen: 41.12 ng
 RT: 17.77 min Scan# 2691
 Delta R.T. 0.03 min
 Lab File: BF094698.D
 Acq: 28 Apr 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	21.8	18.6	28.0
138	28.8	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

