

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
 Data File : BF094098.D
 Acq On : 31 Mar 2017 16:11
 Operator : SJ/MA
 Sample : I2458-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 31 23:08:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	185400	20.00	ng	0.00
21) Naphthalene-d8	7.40	136	741115	20.00	ng	0.00
38) Acenaphthene-d10	9.55	164	334994	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	569685	20.00	ng	0.00
75) Chrysene-d12	14.63	240	420384	20.00	ng	0.00
86) Perylene-d12	16.25	264	306273	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.45	112	1522230	138.68	ng	0.01
7) Phenol-d6	5.52	99	1921399	141.49	ng	0.00
23) Nitrobenzene-d5	6.56	82	1216539	93.68	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	398492	150.53	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	2065242	94.03	ng	0.00
78) Terphenyl-d14	13.35	244	1640674	87.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	216451	41.04	ng	97
3) Pyridine	2.82	79	100676	7.00	ng	96
4) n-Nitrosodimethylamine	2.76	42	276176	46.70	ng	94
6) Aniline	5.53	93	400310	21.19	ng	# 1
8) 2-Chlorophenol	5.67	128	609940	50.55	ng	97
9) Benzaldehyde	5.39	77	128530	14.02	ng	98
10) Phenol	5.53	94	748150	48.42	ng	92
11) bis(2-Chloroethyl)ether	5.61	93	575495	47.66	ng	99
12) 1,3-Dichlorobenzene	5.83	146	653687	48.30	ng	98
13) 1,4-Dichlorobenzene	5.92	146	656269	47.88	ng	97
14) 1,2-Dichlorobenzene	6.10	146	603309	47.79	ng	97
15) Benzyl Alcohol	6.07	79	491013	49.40	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.23	45	783890	42.13	ng	96
17) 2-Methylphenol	6.22	107	511036	49.46	ng	97
18) Hexachloroethane	6.49	117	229404	47.61	ng	# 88
19) n-Nitroso-di-n-propylamine	6.39	70	411895	47.19	ng	97
20) 3+4-Methylphenols	6.39	107	636814	50.89	ng	# 64
22) Acetophenone	6.37	105	855760	51.81	ng	# 87
24) Nitrobenzene	6.57	77	630983	49.27	ng	95
25) Isophorone	6.86	82	1116430	48.93	ng	95
26) 2-Nitrophenol	6.95	139	348634	57.08	ng	98
27) 2,4-Dimethylphenol	7.02	122	549436	52.21	ng	99
28) bis(2-Chloroethoxy)methane	7.13	93	726394	48.27	ng	99
29) 2,4-Dichlorophenol	7.25	162	529322	53.79	ng	97
30) 1,2,4-Trichlorobenzene	7.34	180	512977	50.61	ng	99
31) Naphthalene	7.43	128	1705007	47.85	ng	100
32) Benzoic acid	7.17	122	193018	27.55	ng	97
33) 4-Chloroaniline	7.50	127	367415	25.44	ng	# 94
34) Hexachlorobutadiene	7.59	225	253974	48.86	ng	97
35) Caprolactam	8.00	113	67800	21.61	ng	96
36) 4-Chloro-3-methylphenol	8.12	107	555022	53.98	ng	88
37) 2-Methylnaphthalene	8.27	142	1178899	49.63	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.48	216	434945	47.46	ng	99
40) Hexachlorocyclopentadiene	8.47	237	409016	95.38	ng	97

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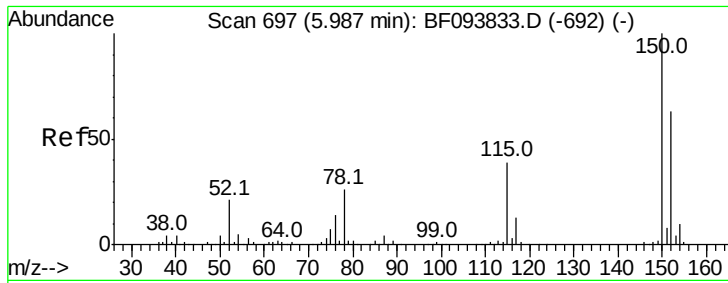
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 31 23:08:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

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

42) 2,4,6-Trichlorophenol	8.63	196	351153	54.16	nq	98
43) 2,4,5-Trichlorophenol	8.69	196	354597	50.54	nq	# 91
45) 1,1'-Biphenyl	8.85	154	1286741	47.62	nq	97
46) 2-Chloronaphthalene	8.87	162	1036955	49.03	nq	94
47) 2-Nitroaniline	9.00	65	321481	51.24	nq	# 85
48) Acenaphthylene	9.38	152	1613512	45.90	nq	99
49) Dimethylphthalate	9.25	163	1299569	54.57	nq	99
50) 2,6-Dinitrotoluene	9.30	165	283076	51.86	nq	90
51) Acenaphthene	9.59	154	960073	46.81	nq	100
52) 3-Nitroaniline	9.50	138	216236	33.73	nq	92
53) 2,4-Dinitrophenol	9.64	184	219074	75.29	nq	# 71
54) Dibenzofuran	9.80	168	1383158	49.54	nq	99
55) 4-Nitrophenol	9.75	139	431848	86.03	nq	# 66
56) 2,4-Dinitrotoluene	9.80	165	334351	48.76	nq	# 71
57) Fluorene	10.23	166	1029863	44.48	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	258759	53.75	nq	97
59) Diethylphthalate	10.11	149	1148107	48.78	nq	99
60) 4-Chlorophenyl-phenylether	10.23	204	440651	44.67	nq	93
61) 4-Nitroaniline	10.27	138	303298	49.31	nq	96
62) Azobenzene	10.43	77	1121689	50.38	nq	95
64) 4,6-Dinitro-2-methylphenol	10.30	198	173583	49.75	nq	# 72
65) n-Nitrosodiphenylamine	10.38	169	960483	48.75	nq	98
66) 4-Bromophenyl-phenylether	10.83	248	284203	50.72	nq	97
67) Hexachlorobenzene	10.90	284	286390	50.49	nq	# 93
68) Atrazine	11.05	200	258678	43.84	nq	97
69) Pentachlorophenol	11.15	266	292287	82.79	nq	100
70) Phenanthrene	11.40	178	1512164	47.72	nq	99
71) Anthracene	11.47	178	1576483	48.31	nq	99
72) Carbazole	11.67	167	1516346	45.32	nq	98
73) Di-n-butylphthalate	12.12	149	1721943	49.49	nq	99
74) Fluoranthene	12.86	202	1541221	47.49	nq	99
76) Benzidine	13.03	184	46805	2.81	nq	# 92
77) Pyrene	13.14	202	1550479	50.82	nq	99
79) Butylbenzylphthalate	13.96	149	726893	55.92	nq	# 84
80) Benzo(a)anthracene	14.62	228	1192081	48.63	nq	100
81) 3,3'-Dichlorobenzidine	14.59	252	271620	31.00	nq	# 95
82) Chrysene	14.66	228	1031299	45.33	nq	99
83) Bis(2-ethylhexyl)phthalate	14.67	149	970076	54.70	nq	# 99
84) Di-n-octyl phthalate	15.43	149	1548221	52.26	nq	98
85) Indeno(1,2,3-cd)pyrene	17.60	276	943091	47.87	nq	100
87) Benzo(b)fluoranthene	15.84	252	953373	50.78	nq	98
88) Benzo(k)fluoranthene	15.84	252	953373	51.90	nq	95
89) Benzo(a)pyrene	16.20	252	845641	48.91	nq	100
90) Dibenzo(a,h)anthracene	17.63	278	779776	53.26	nq	98
91) Benzo(g,h,i)perylene	18.00	276	801364	54.31	nq	99

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

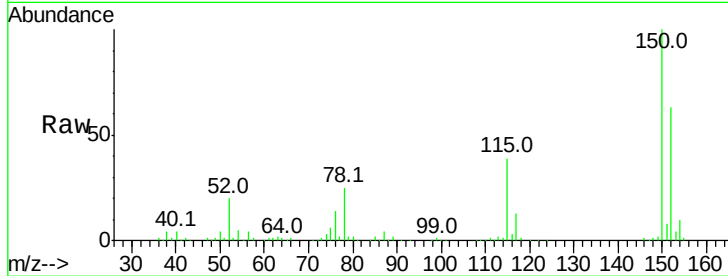


#1

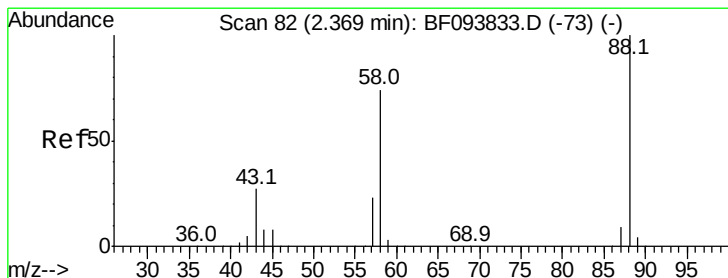
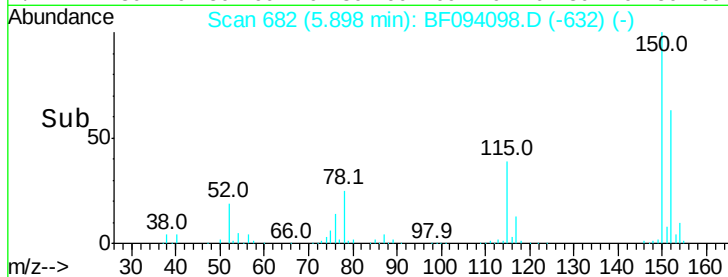
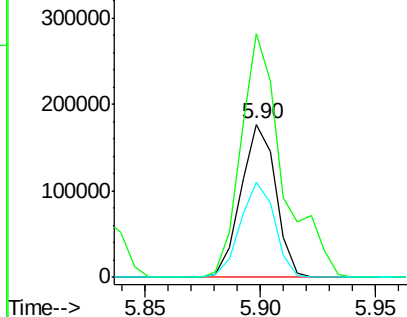
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.90 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF094098.D
Acq: 31 Mar 2017 16:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 185400
Ion Ratio Lower Upper
152 100
150 159.3 126.2 189.2
115 62.4 52.2 78.2



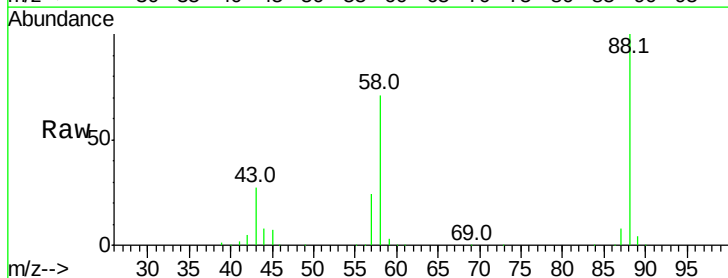
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



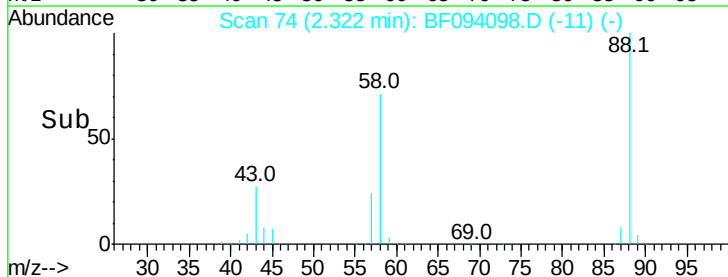
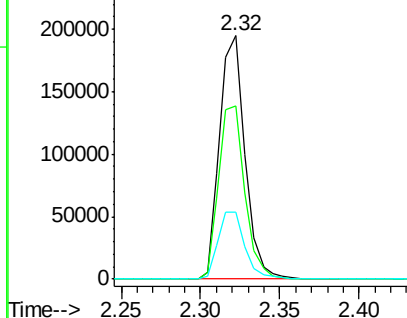
#2

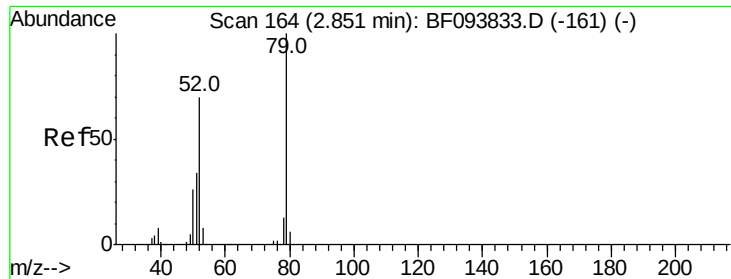
1,4-Dioxane
Concen: 41.04 ng
RT: 2.32 min Scan# 74
Delta R.T. 0.07 min
Lab File: BF094098.D
Acq: 31 Mar 2017 16:11

Tgt Ion: 88 Resp: 216451
Ion Ratio Lower Upper
88 100
58 73.9 61.4 92.0
43 28.4 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

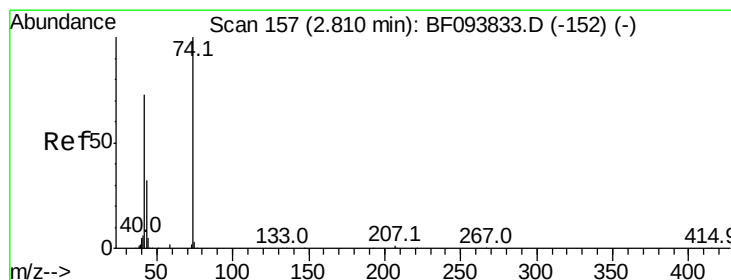
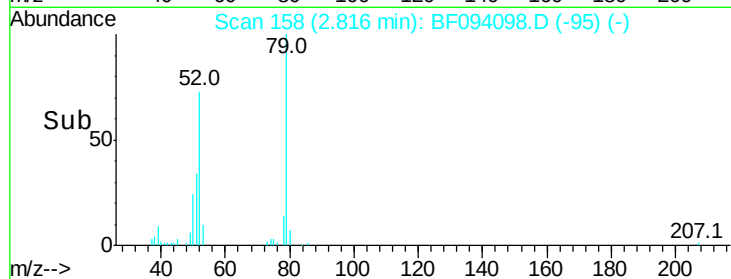
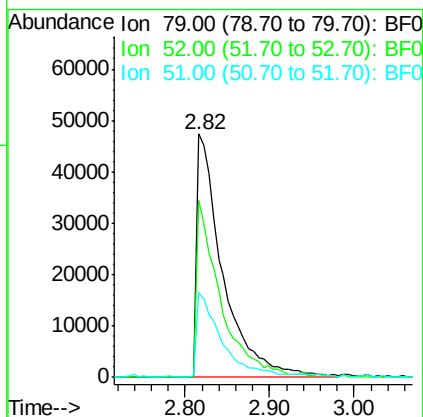
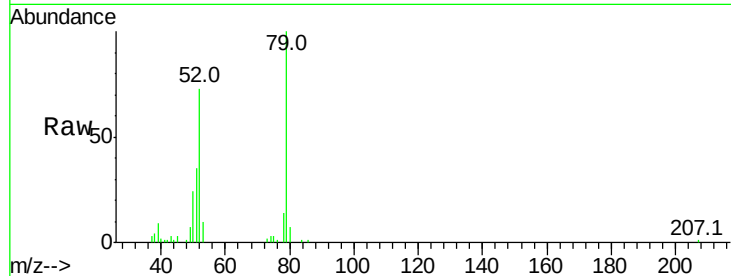




#3
 Pvridine
 Concen: 7.00 ng
 RT: 2.82 min Scan# 158
 Delta R.T. 0.07 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

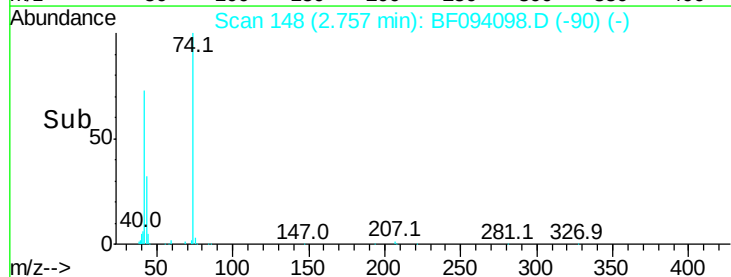
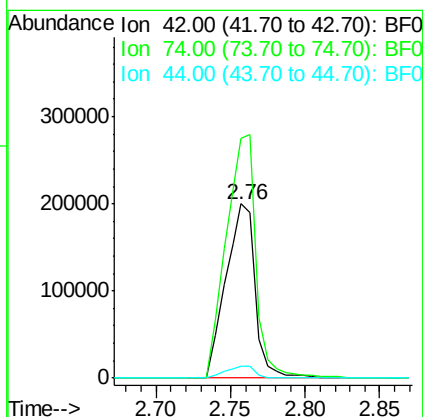
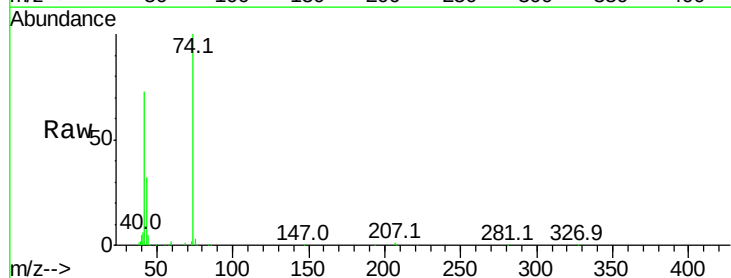
Instrument :
 BNA_F
 ClientSampleId :

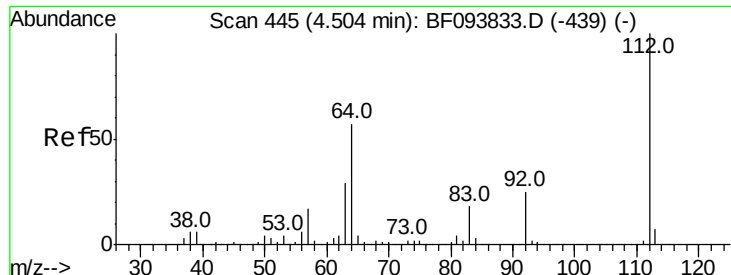
Tot Ion: 79 Resp: 100676
 Ion Ratio Lower Upper
 79 100
 52 72.6 54.8 82.2
 51 34.8 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 46.70 ng
 RT: 2.76 min Scan# 148
 Delta R.T. 0.04 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

Tgt Ion: 42 Resp: 276176
 Ion Ratio Lower Upper
 42 100
 74 137.8 103.9 155.9
 44 6.7 5.7 8.5





#5

2-Fluorophenol

Concen: 138.68 ng

RT: 4.45 min Scan# 435

Delta R.T. 0.01 min

Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

Instrument :

BNA_F

ClientSampled :

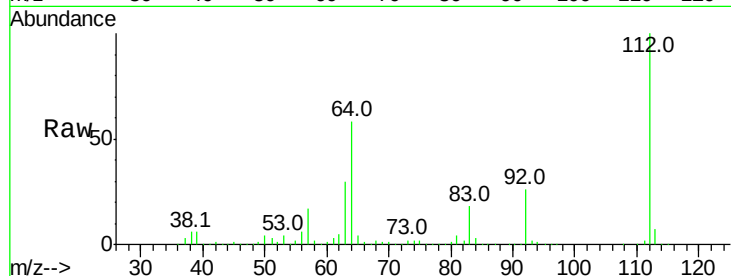
Tot Ion:112 Resp: 1522230

Ion Ratio Lower Upper

112 100

64 58.5 46.0 69.0

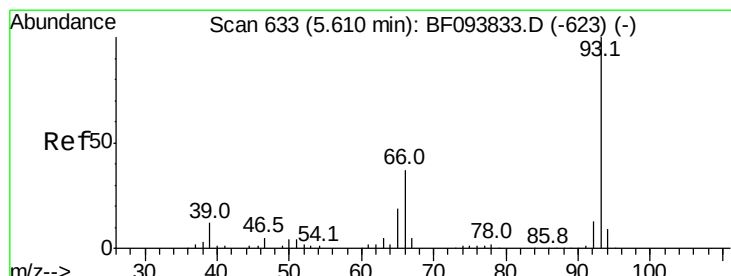
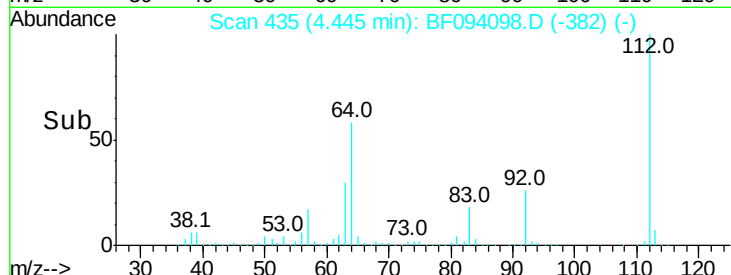
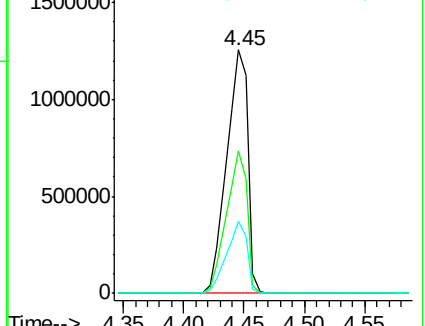
63 29.7 23.4 35.0



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: 21.19 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

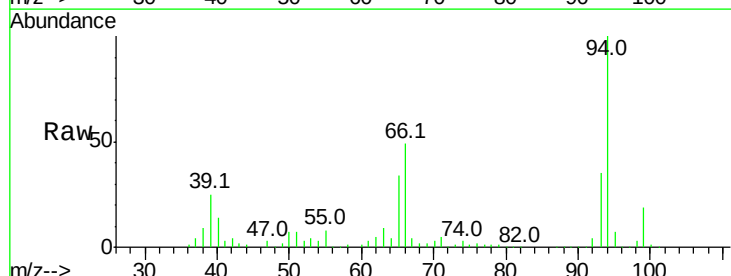
Tgt Ion: 93 Resp: 400310

Ion Ratio Lower Upper

93 100

66 141.2 32.9 49.3#

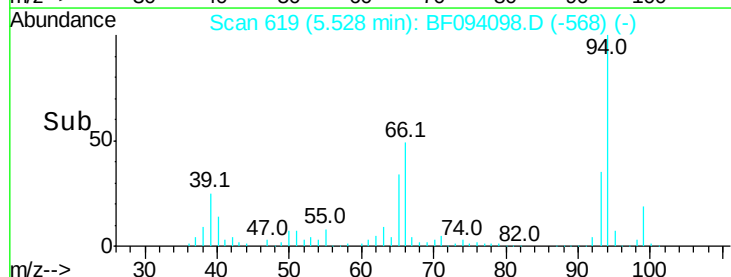
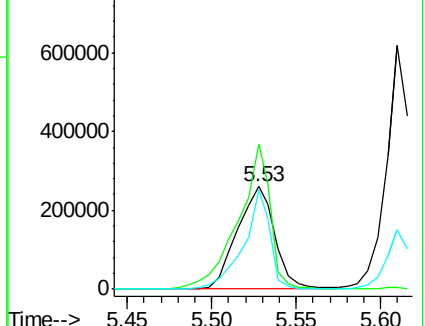
65 97.0 16.0 24.0#

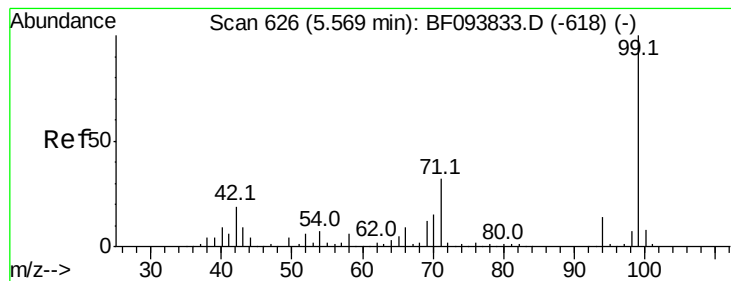


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 141.49 ng

RT: 5.52 min Scan# 617

Delta R.T. 0.01 min

Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

Instrument :

BNA_F

ClientSampleId :

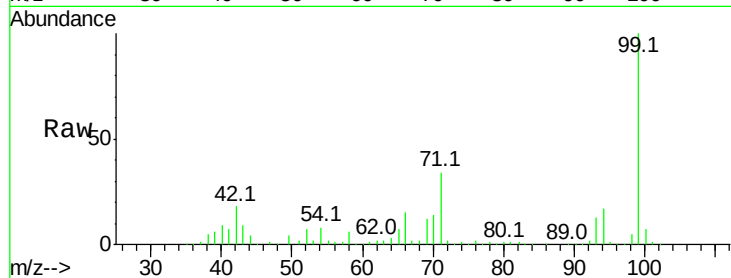
Tot Ion: 99 Resp: 1921399

Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.5	20.3
71	33.6	24.5	36.7

99 100

42 18.1 13.5 20.3

71 33.6 24.5 36.7

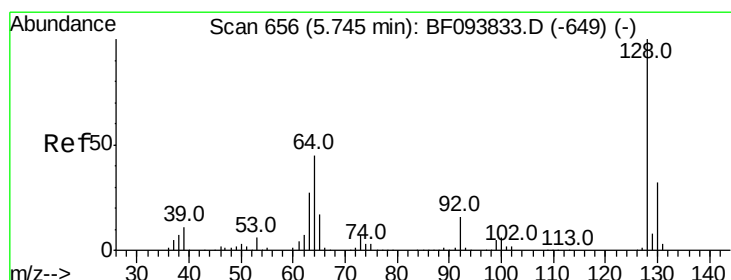
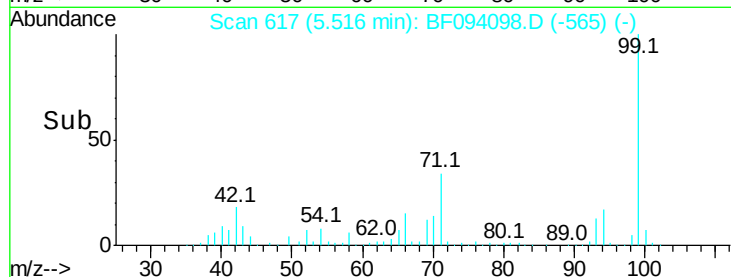
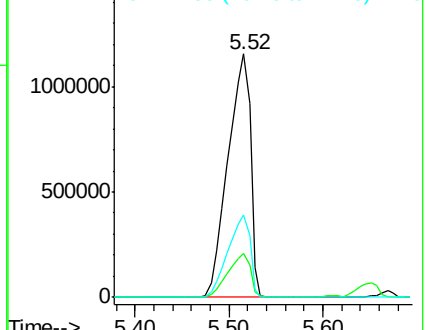


Abundance

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: 50.55 ng

RT: 5.67 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

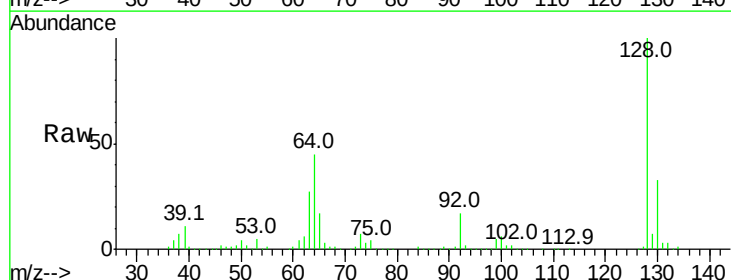
Tgt Ion:128 Resp: 609940

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.9	52.9
64	45.1	28.4	68.4

128 100

130 32.8 12.9 52.9

64 45.1 28.4 68.4

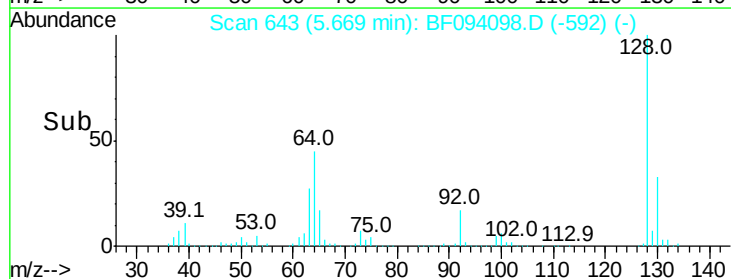
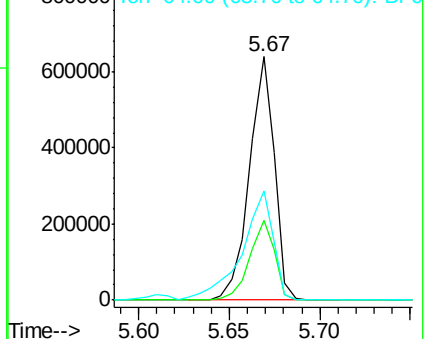


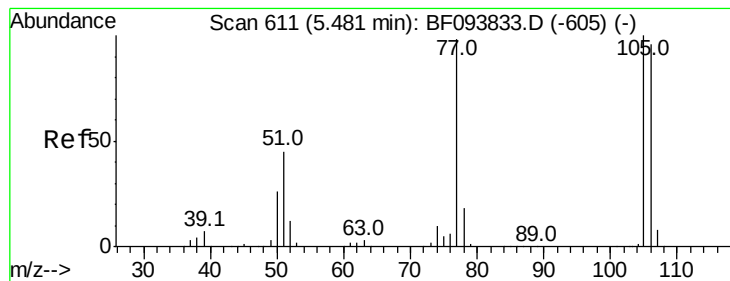
Abundance

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: 14.02 ng

RT: 5.39 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

Instrument :

BNA_F

ClientSampleId :

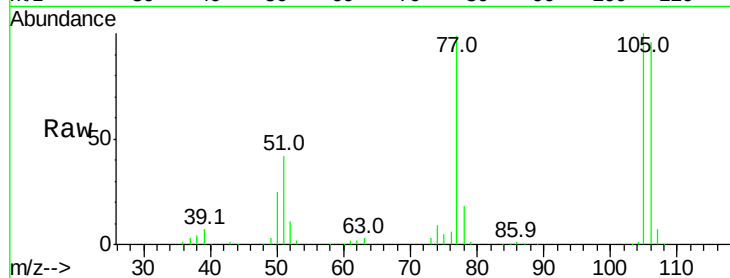
Tot Ion: 77 Resp: 128530

Ion Ratio Lower Upper

77 100

105 100.8 83.8 123.8

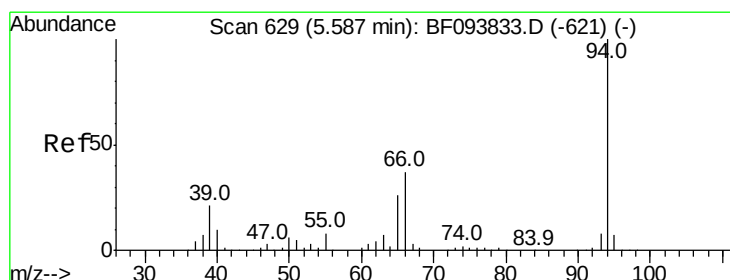
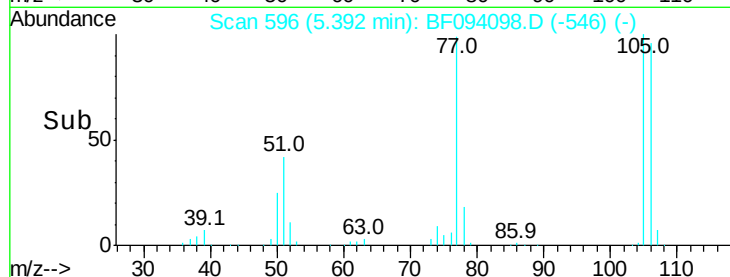
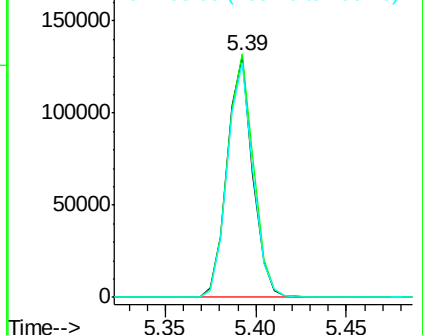
106 97.2 79.1 119.1



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: 48.42 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

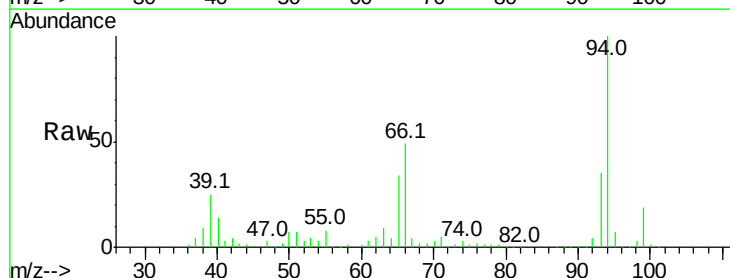
Tgt Ion: 94 Resp: 748150

Ion Ratio Lower Upper

94 100

65 33.7 9.9 49.9

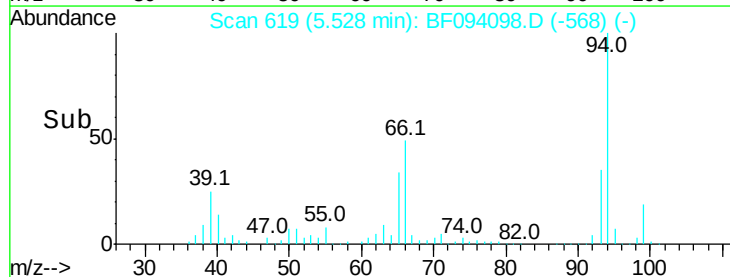
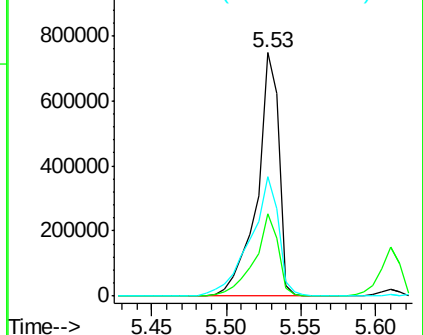
66 49.1 23.1 63.1

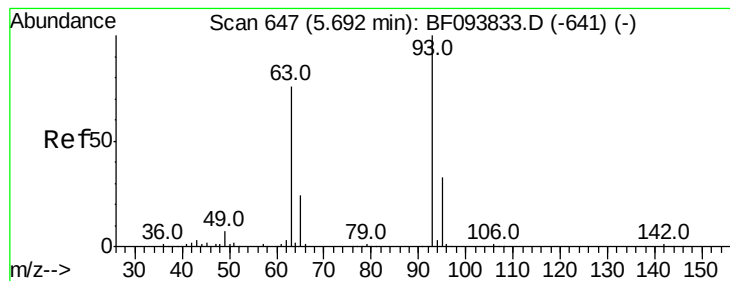


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 47.66 ng

RT: 5.61 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

Instrument :

BNA_F

ClientSampleId :

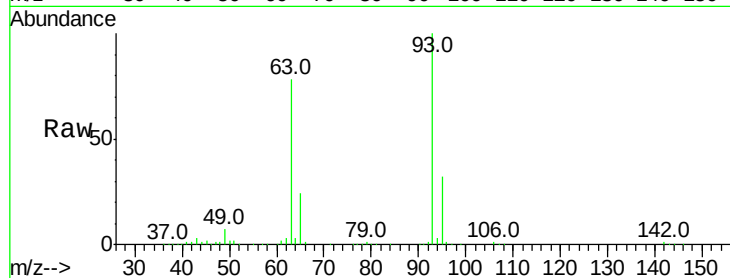
Tot Ion: 93 Resp: 575495

Ion Ratio Lower Upper

93 100

63 78.3 59.2 99.2

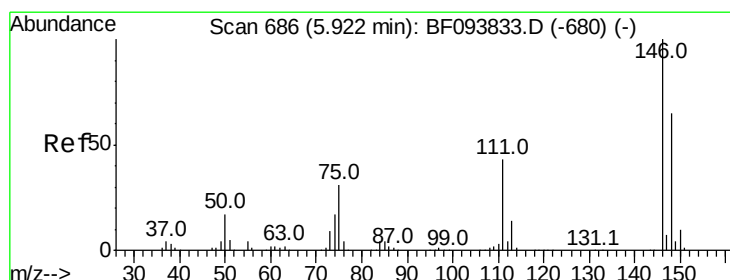
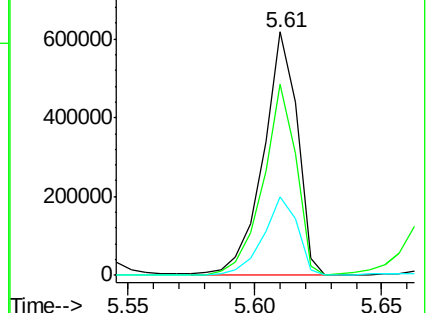
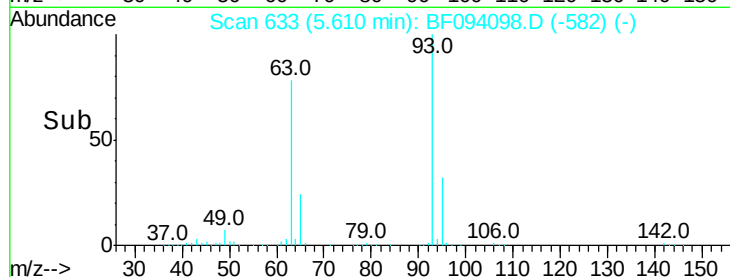
95 32.2 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 48.30 ng

RT: 5.83 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

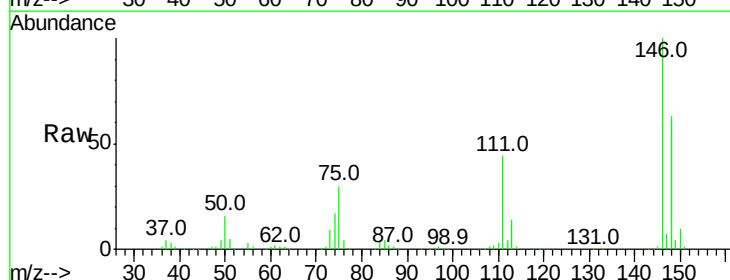
Tgt Ion:146 Resp: 653687

Ion Ratio Lower Upper

146 100

148 63.2 51.8 77.6

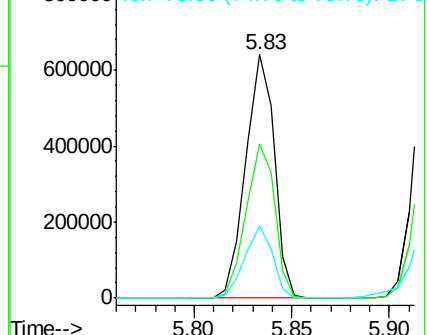
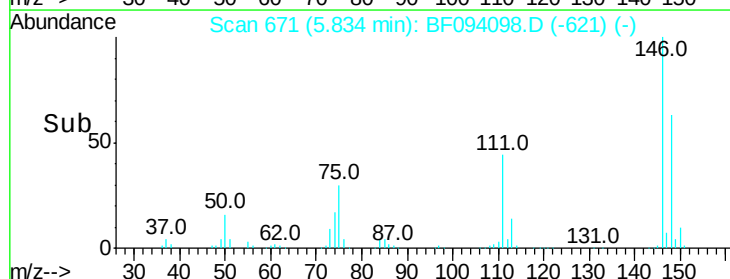
75 29.8 23.1 34.7

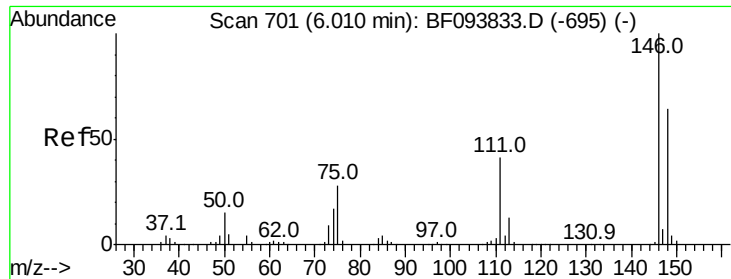


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

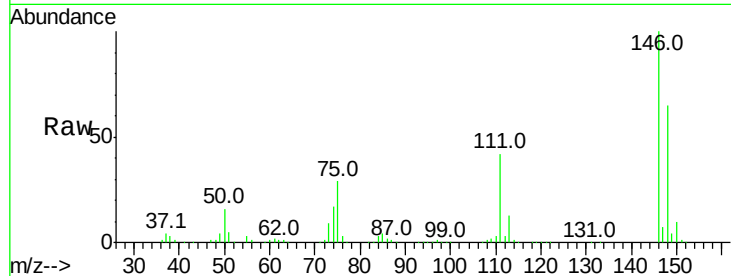




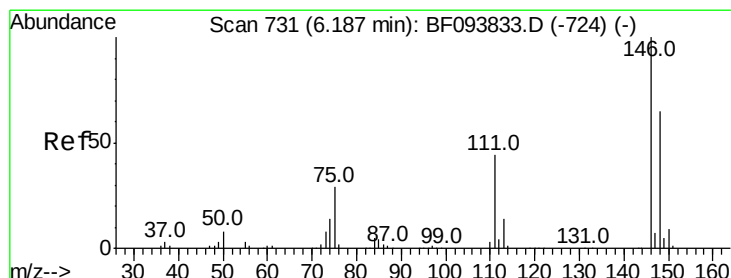
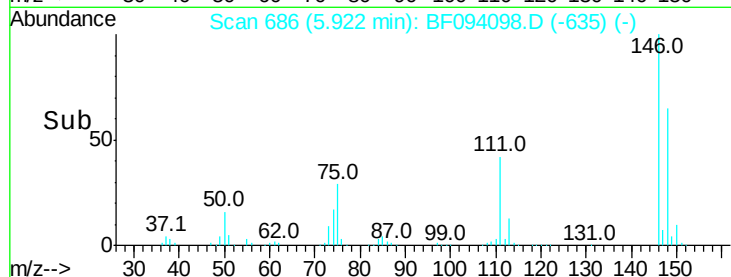
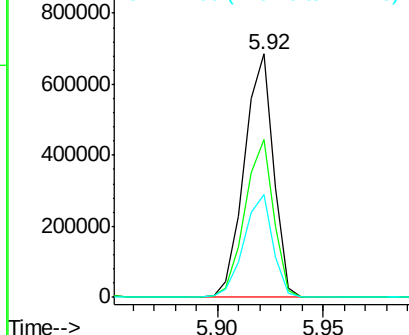
#13
 1,4-Dichlorobenzene
 Concen: 47.88 ng
 RT: 5.92 min Scan# 686
 Delta R.T. -0.00 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 656269
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.2 78.2
 111 42.2 30.3 45.5

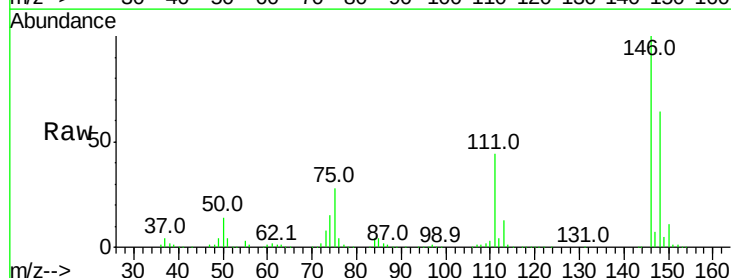


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

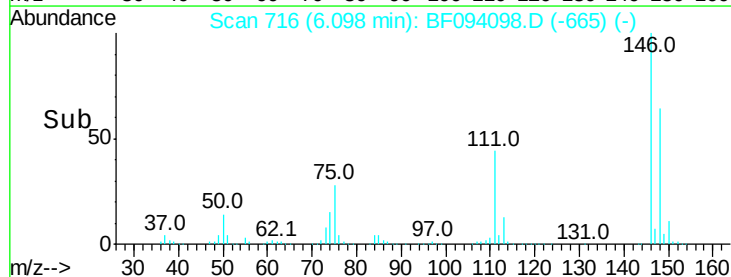
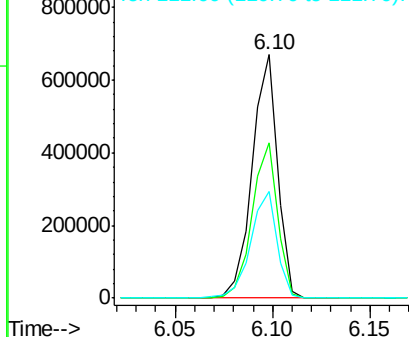


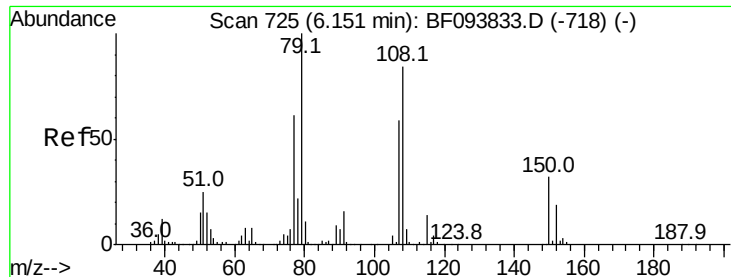
#14
 1,2-Dichlorobenzene
 Concen: 47.79 ng
 RT: 6.10 min Scan# 716
 Delta R.T. -0.00 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

Tgt Ion:146 Resp: 603309
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.4 75.6
 111 43.9 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 49.40 ng

RT: 6.07 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

Instrument :

BNA_F

ClientSampled :

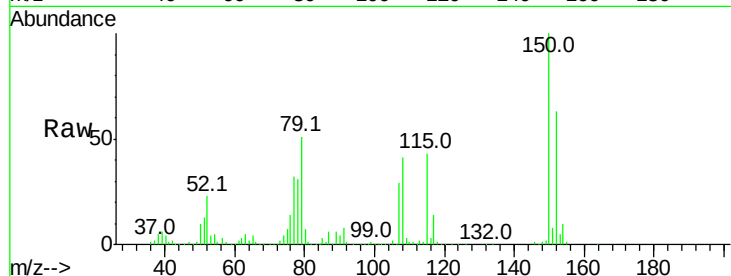
Tot Ion: 79 Resp: 491013

Ion Ratio Lower Upper

79 100

108 81.0 63.4 95.0

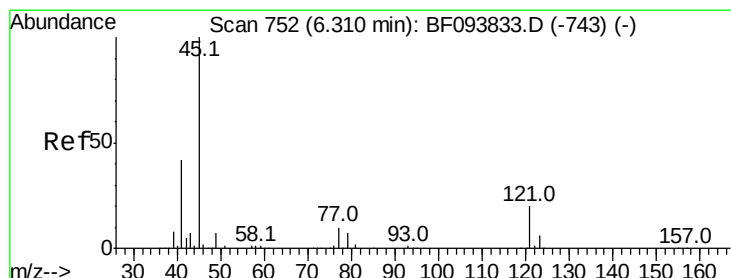
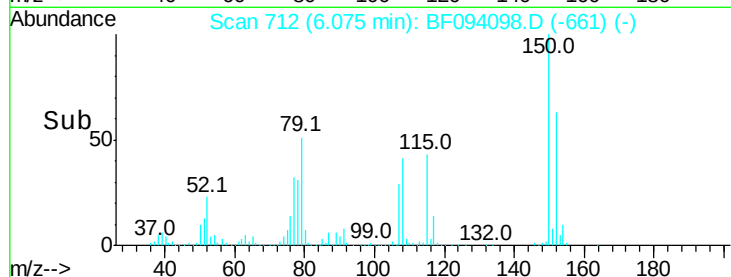
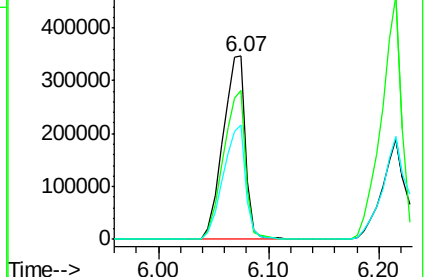
77 62.7 49.2 73.8



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: 42.13 ng

RT: 6.23 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

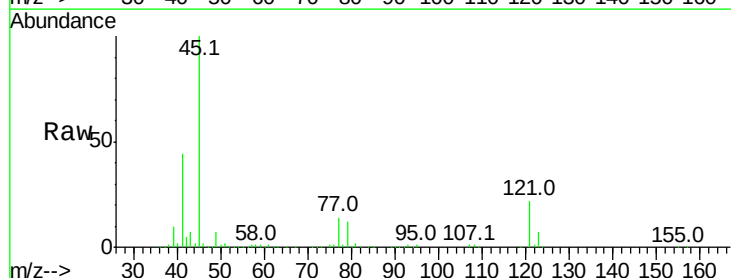
Tgt Ion: 45 Resp: 783890

Ion Ratio Lower Upper

45 100

77 14.3 0.0 33.2

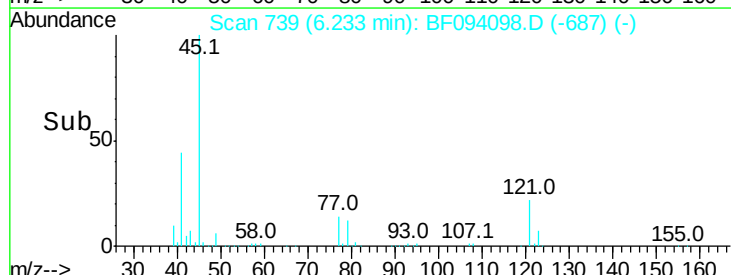
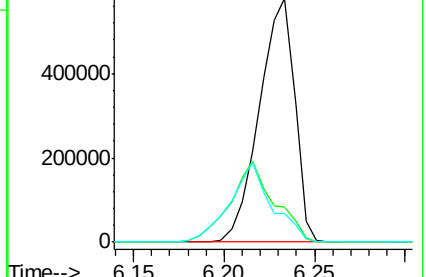
79 11.9 0.0 30.0

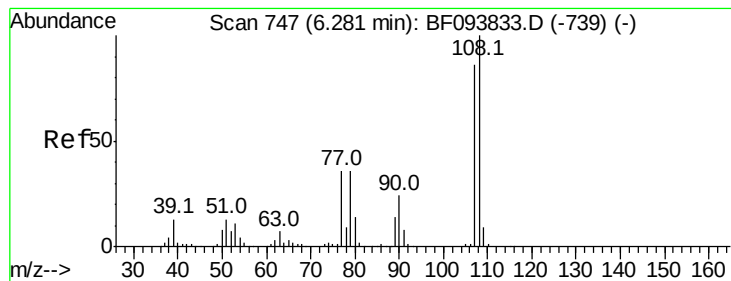


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

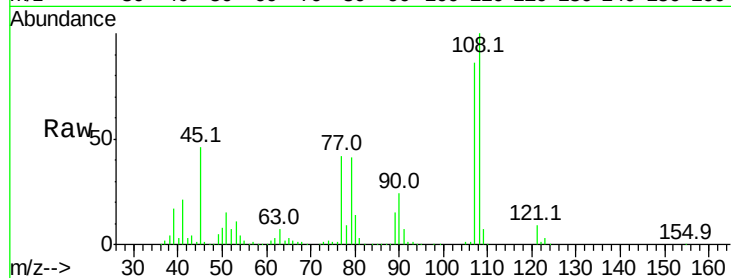




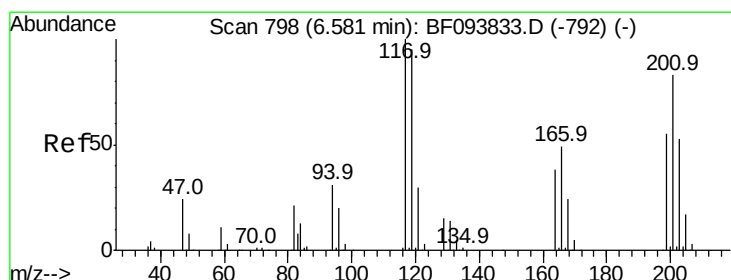
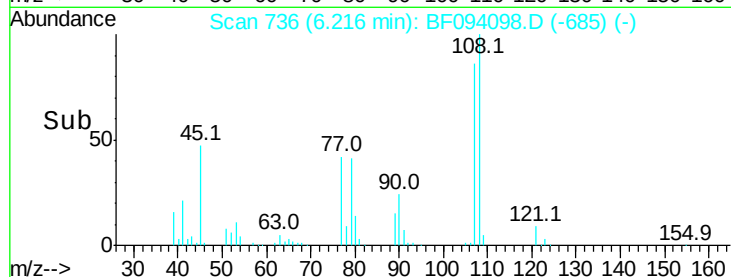
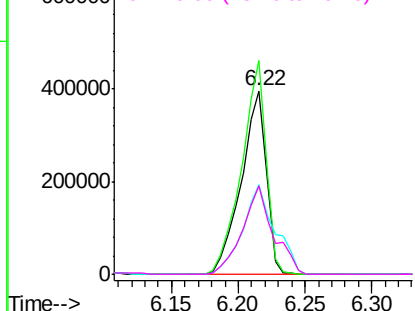
#17
2-Methylphenol
Concen: 49.46 ng
RT: 6.22 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF094098.D
Acq: 31 Mar 2017 16:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 511036
Ion Ratio Lower Upper
107 100
108 116.7 93.4 140.0
77 49.0 35.8 53.6
79 47.9 34.8 52.2

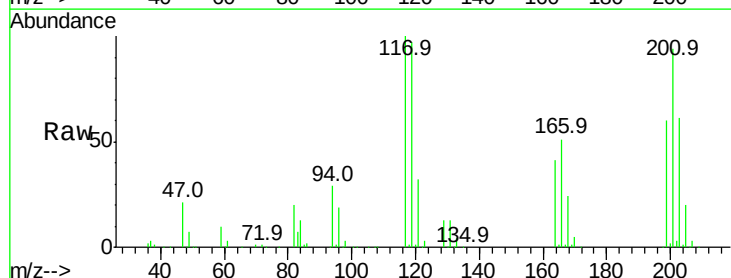


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

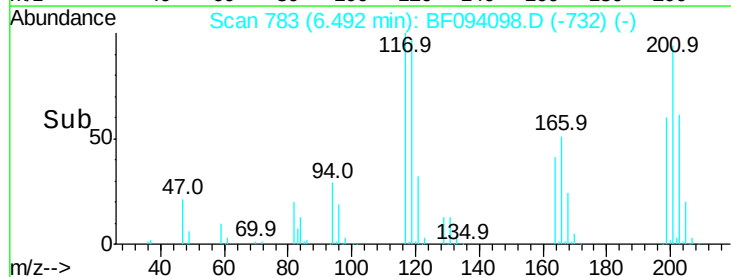
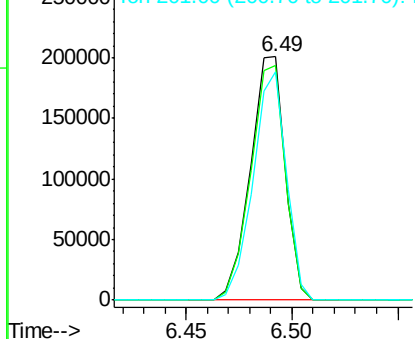


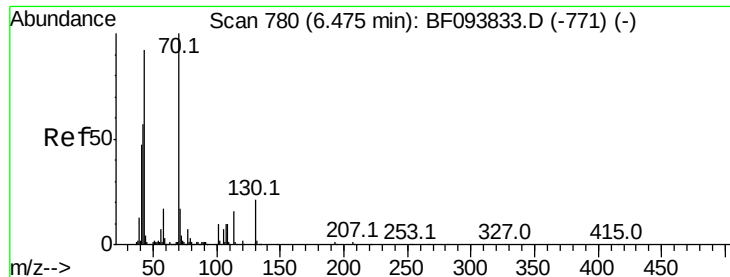
#18
Hexachloroethane
Concen: 47.61 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF094098.D
Acq: 31 Mar 2017 16:11

Tgt Ion:117 Resp: 229404
Ion Ratio Lower Upper
117 100
119 96.6 77.4 116.0
201 93.8 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

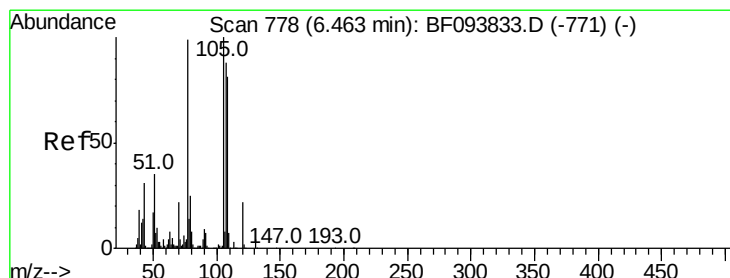
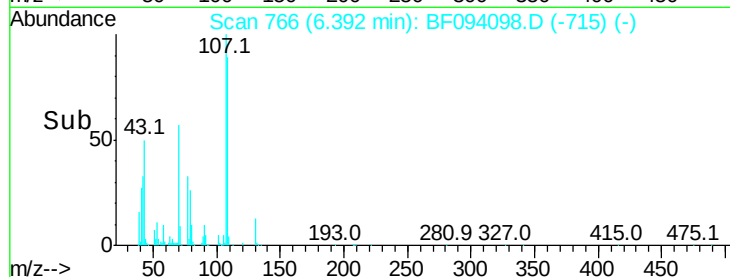
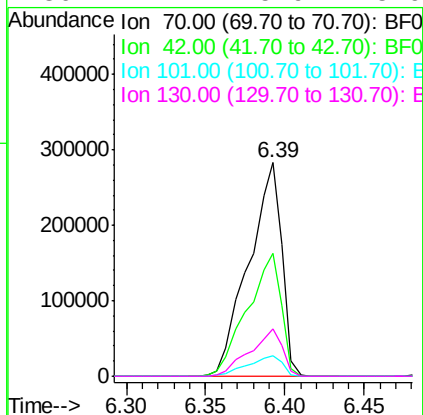
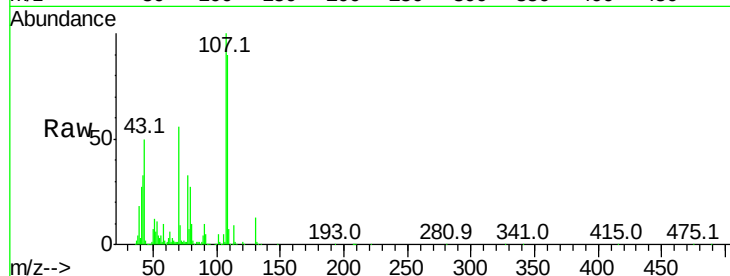




#19
n-Nitroso-di-n-propylamine
Concen: 47.19 ng
RT: 6.39 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF094098.D
Acq: 31 Mar 2017 16:11

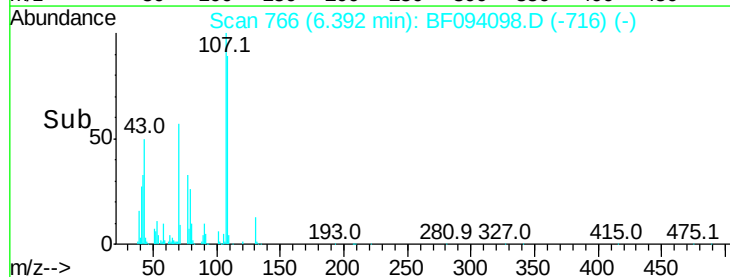
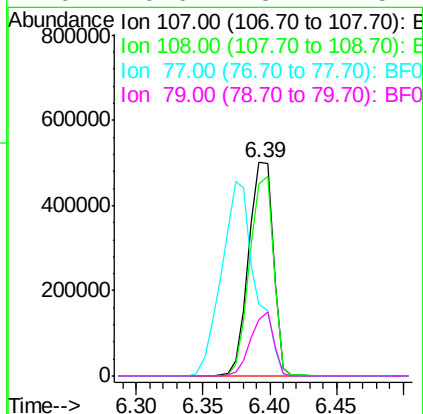
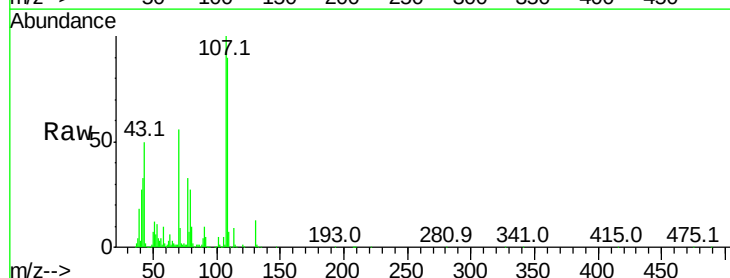
Instrument :
BNA_F
ClientSampleId :

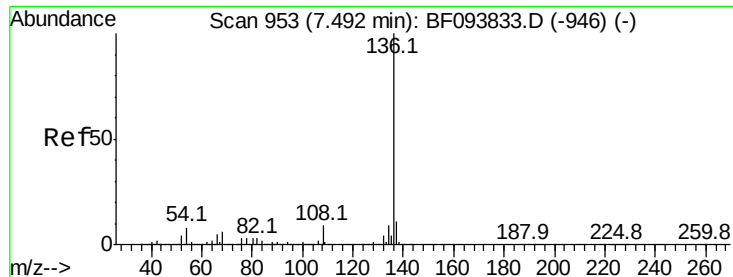
Tot Ion:	70	Resp:	411895
Ion	Ratio	Lower	Upper
70	100		
42	57.7	47.2	70.8
101	9.7	7.2	10.8
130	22.4	15.9	23.9



#20
3+4-Methylphenols
Concen: 50.89 ng
RT: 6.39 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF094098.D
Acq: 31 Mar 2017 16:11

Tgt Ion:	107	Resp:	636814
Ion	Ratio	Lower	Upper
107	100		
108	89.7	71.0	111.0
77	33.4	90.5	130.5#
79	26.6	8.4	48.4

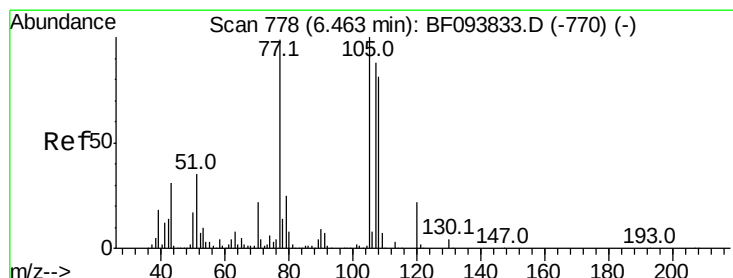
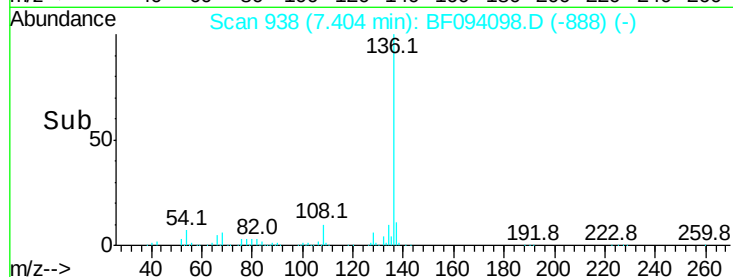
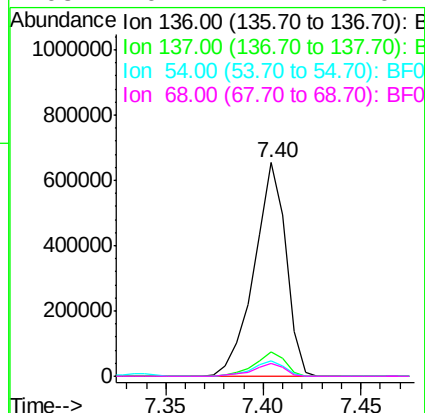
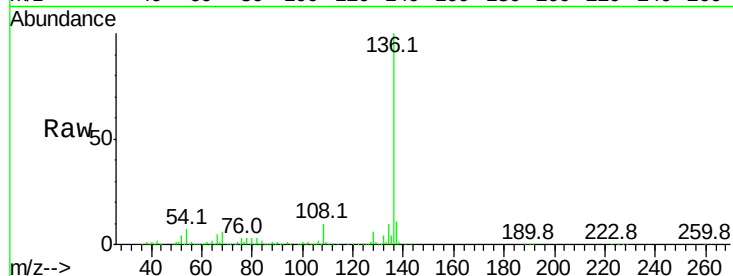




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.40 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF094098.D
Acq: 31 Mar 2017 16:11

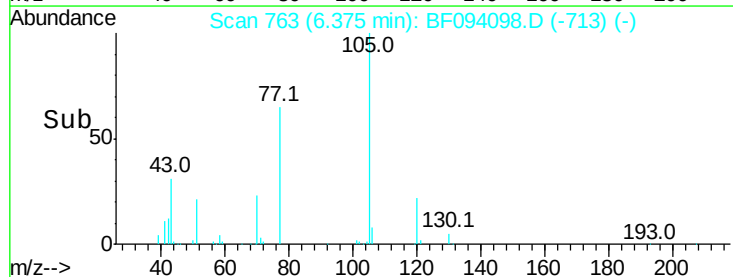
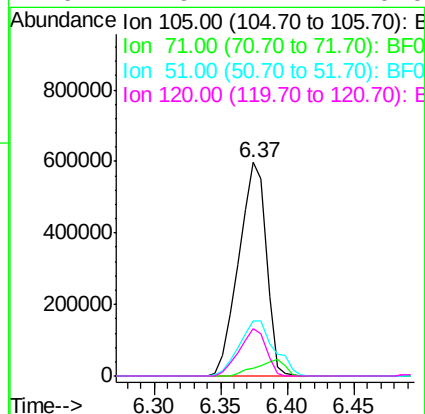
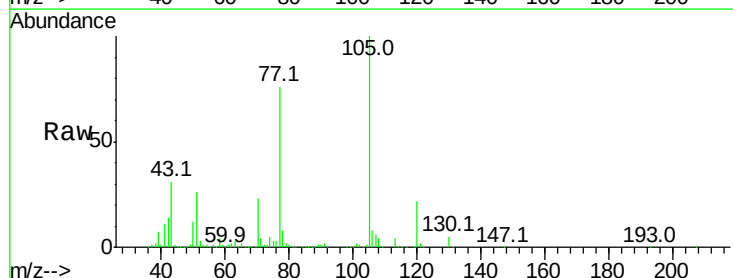
Instrument :
BNA_F
ClientSampled :

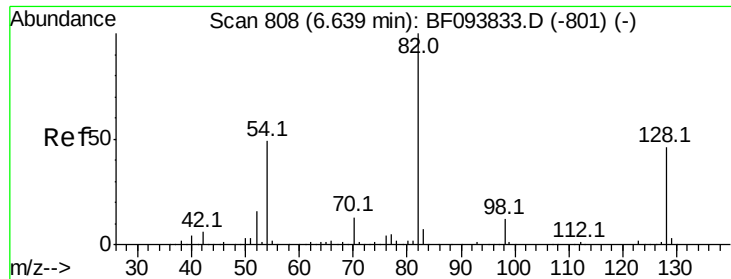
Tot Ion:136	Resp:	741115
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.5 12.7
54	7.5	4.9 7.3#
68	6.2	4.1 6.1#



#22
Acetophenone
Concen: 51.81 ng
RT: 6.37 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF094098.D
Acq: 31 Mar 2017 16:11

Tgt Ion:105	Resp:	855760
Ion Ratio	Lower	Upper
105	100	
71	3.7	2.8 4.2
51	25.7	30.7 46.1#
120	21.9	17.4 26.0

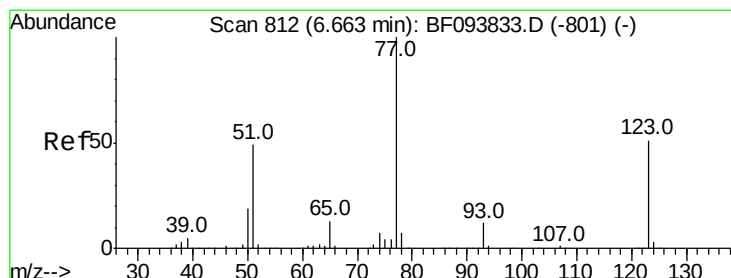
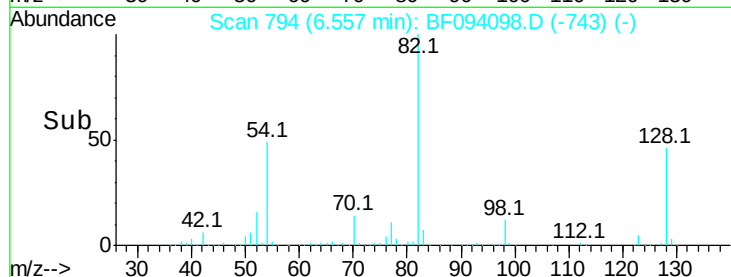
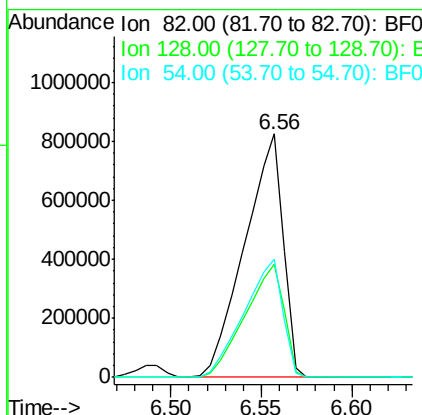
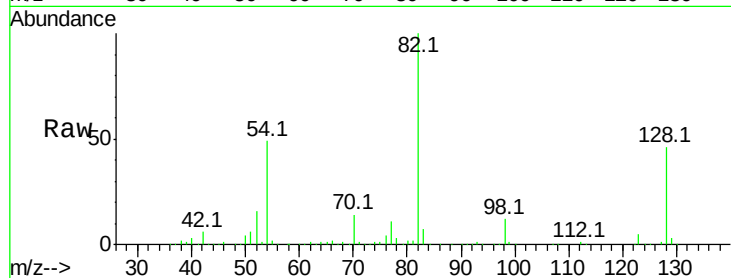




#23
Nitrobenzene-d5
Concen: 93.68 ng
RT: 6.56 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF094098.D
Acq: 31 Mar 2017 16:11

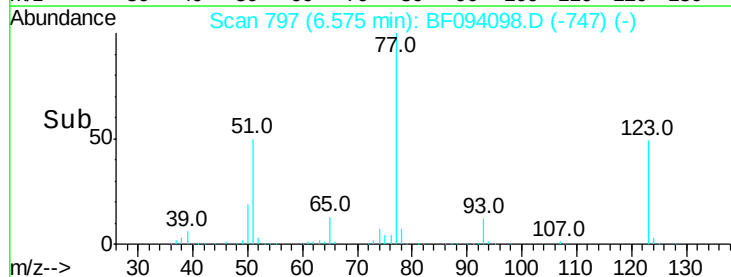
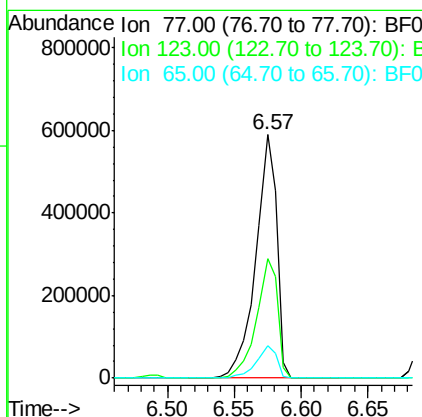
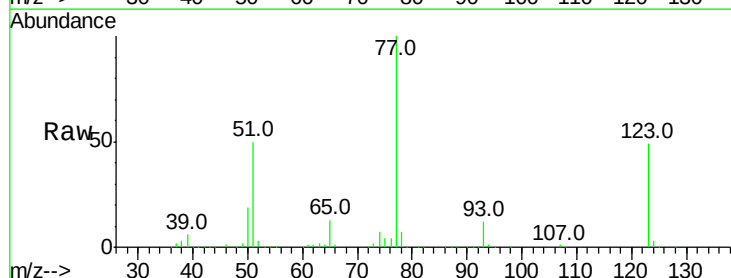
Instrument :
BNA_F
ClientSampled :

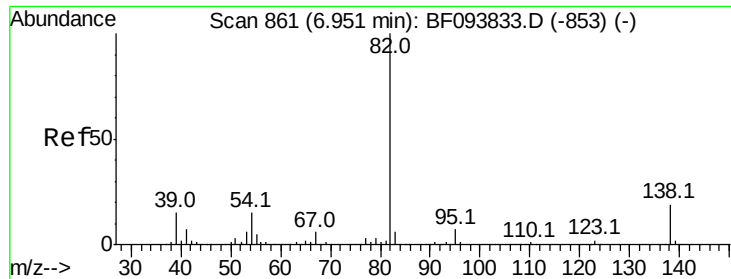
Tot Ion: 82 Resp: 1216539
Ion Ratio Lower Upper
82 100
128 46.4 34.0 51.0
54 48.7 42.2 63.2



#24
Nitrobenzene
Concen: 49.27 ng
RT: 6.57 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF094098.D
Acq: 31 Mar 2017 16:11

Tgt Ion: 77 Resp: 630983
Ion Ratio Lower Upper
77 100
123 48.8 35.8 53.8
65 13.1 10.6 15.8





#25

Isophorone

Concen: 48.93 ng

RT: 6.86 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

Instrument :

BNA_F

ClientSampled :

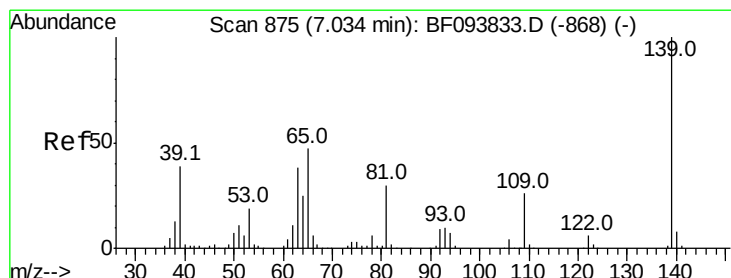
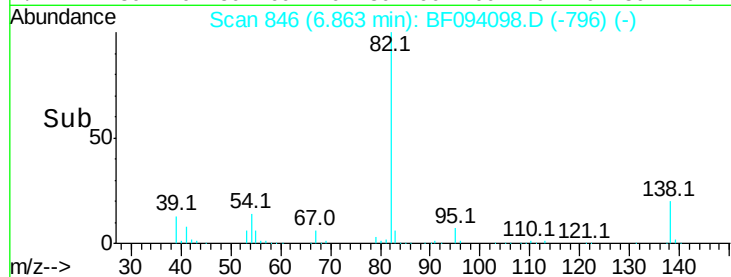
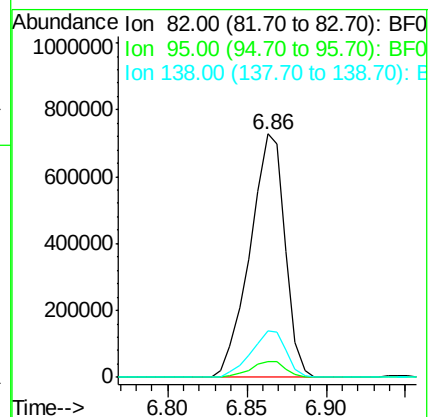
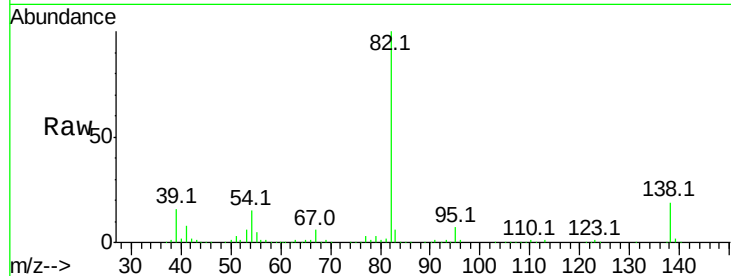
Tot Ion: 82 Resp: 1116430

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.3 13.1 19.7



#26

2-Nitrophenol

Concen: 57.08 ng

RT: 6.95 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

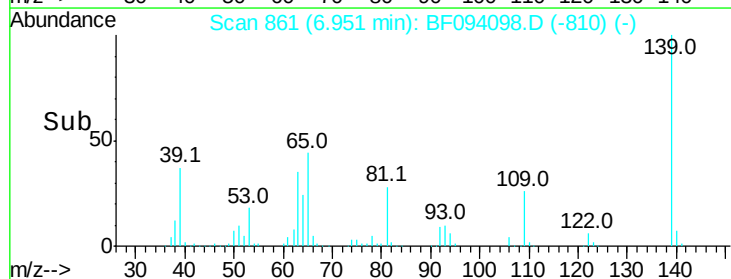
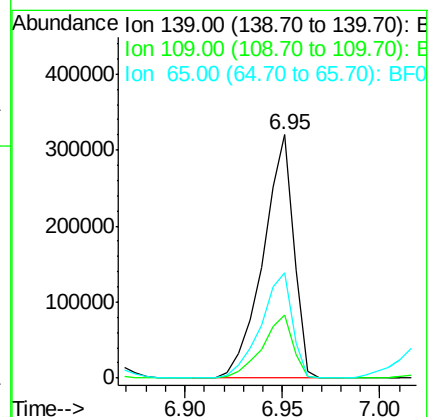
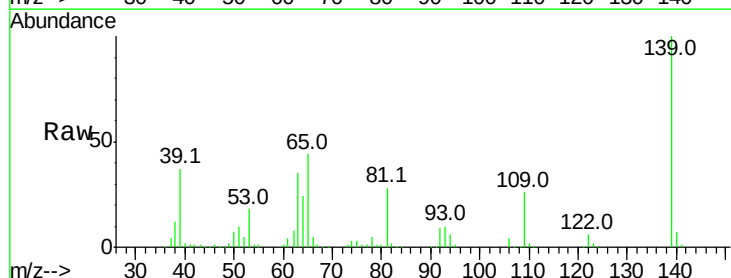
Tgt Ion: 139 Resp: 348634

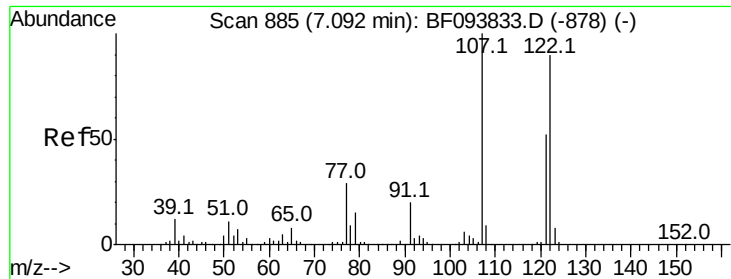
Ion Ratio Lower Upper

139 100

109 26.0 21.0 31.6

65 43.5 33.0 49.6

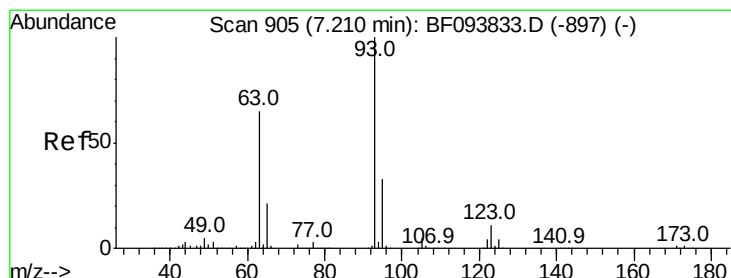
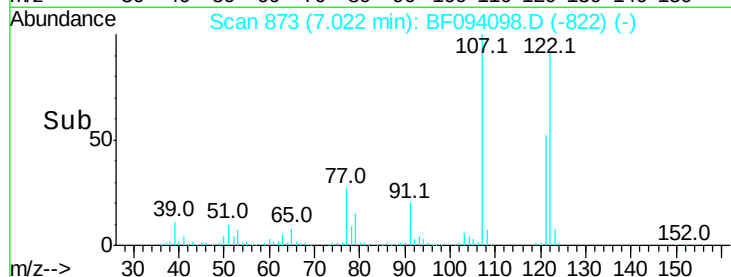
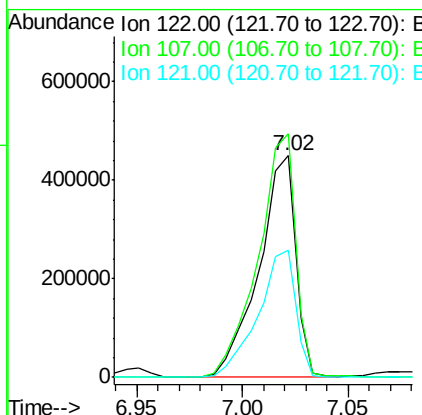
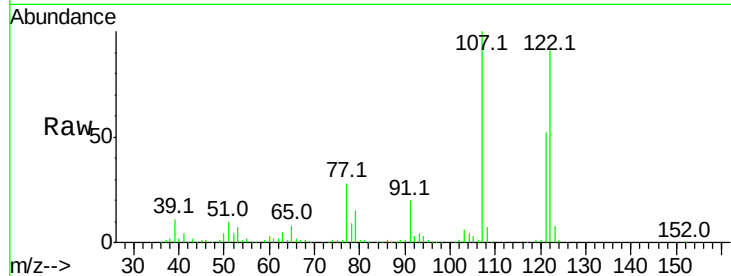




#27
2,4-Dimethylphenol
Concen: 52.21 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF094098.D
Acq: 31 Mar 2017 16:11

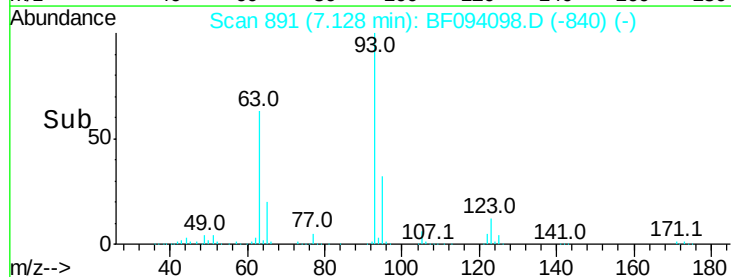
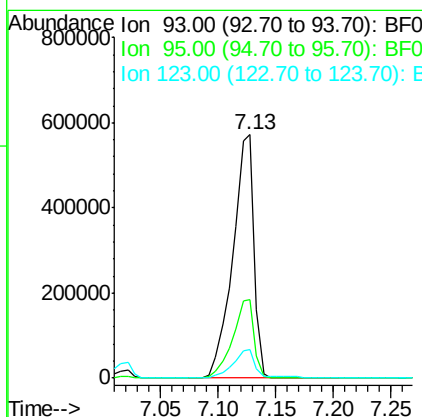
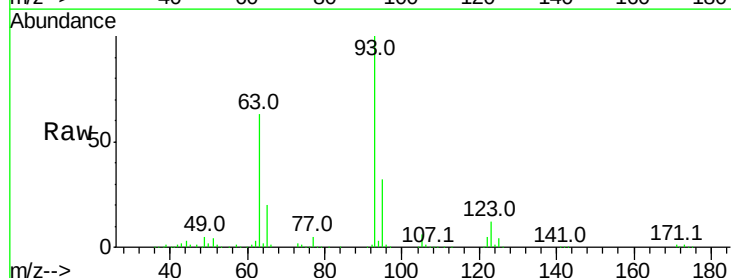
Instrument :
BNA_F
ClientSampleId :

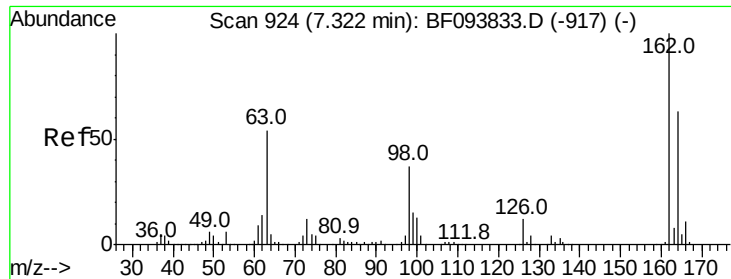
Tot Ion:122 Resp: 549436
Ion Ratio Lower Upper
122 100
107 110.0 89.2 133.8
121 57.4 45.2 67.8



#28
bis(2-Chloroethoxy)methane
Concen: 48.27 ng
RT: 7.13 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF094098.D
Acq: 31 Mar 2017 16:11

Tgt Ion: 93 Resp: 726394
Ion Ratio Lower Upper
93 100
95 32.2 26.5 39.7
123 11.7 9.0 13.4

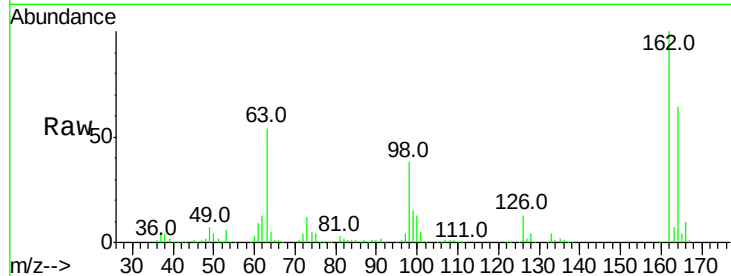




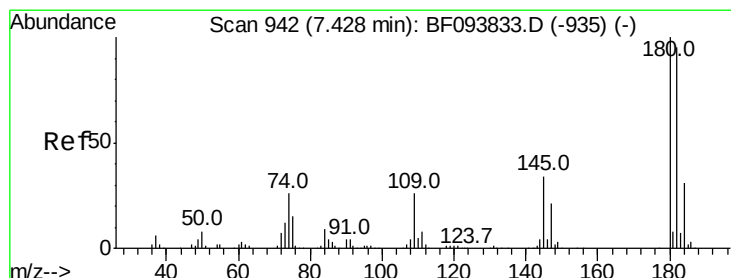
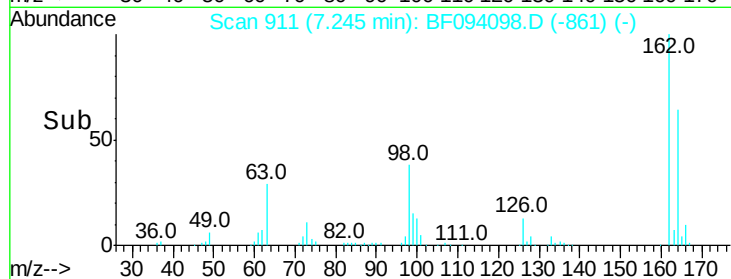
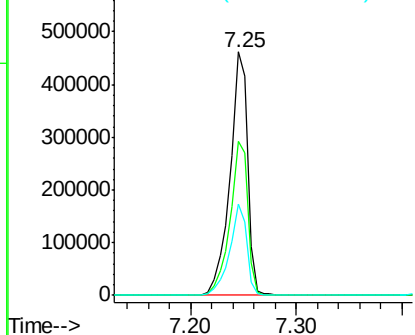
#29
 2,4-Dichlorophenol
 Concen: 53.79 ng
 RT: 7.25 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.6	84.6
98	37.7	14.8	54.8

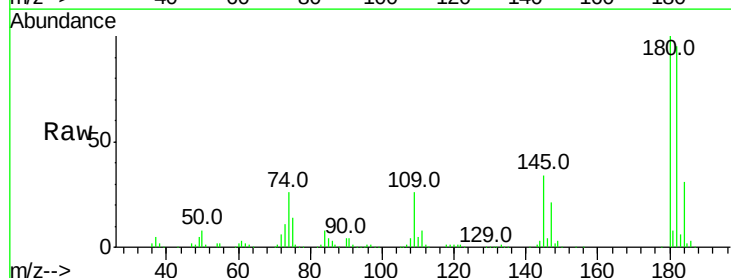


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

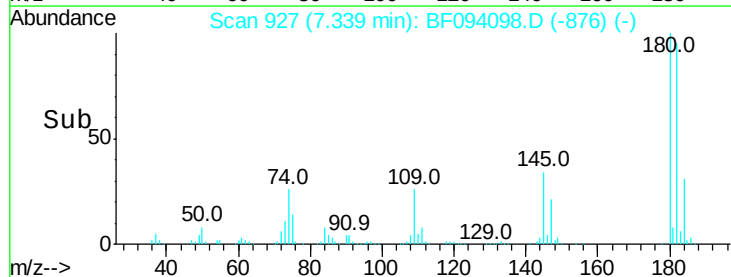
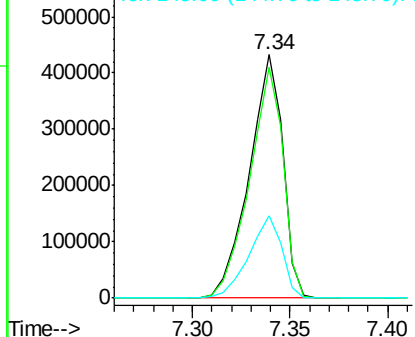


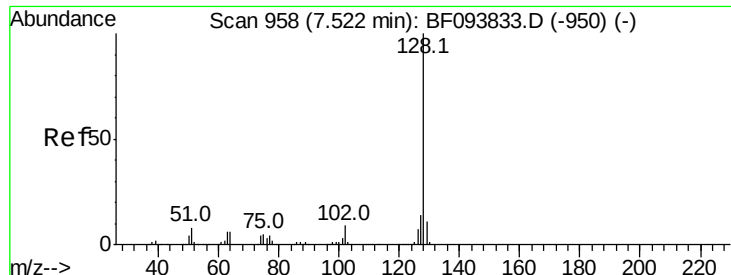
#30
 1,2,4-Trichlorobenzene
 Concen: 50.61 ng
 RT: 7.34 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.8	113.6
145	33.7	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

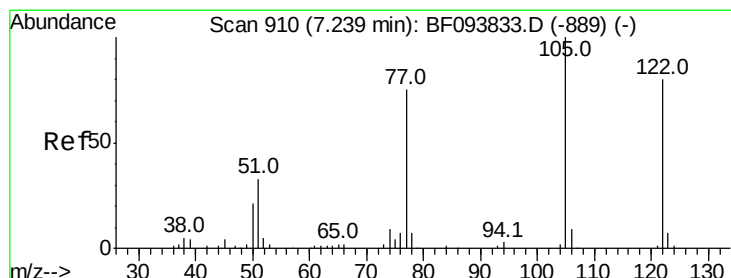
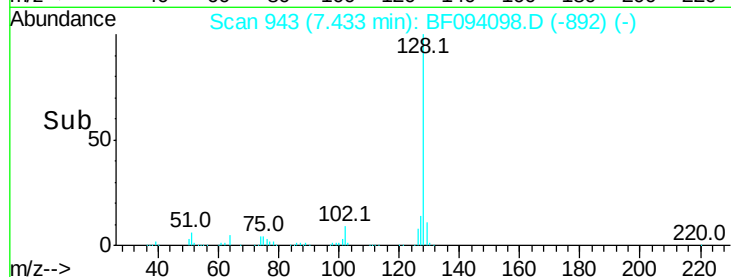
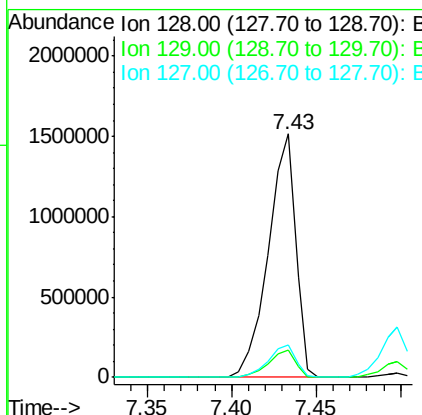
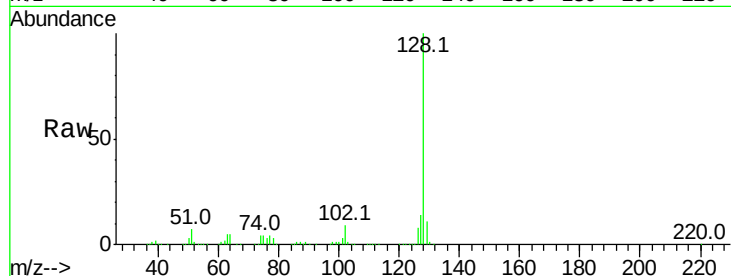




#31
Naphthalene
Concen: 47.85 ng
RT: 7.43 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF094098.D
Acq: 31 Mar 2017 16:11

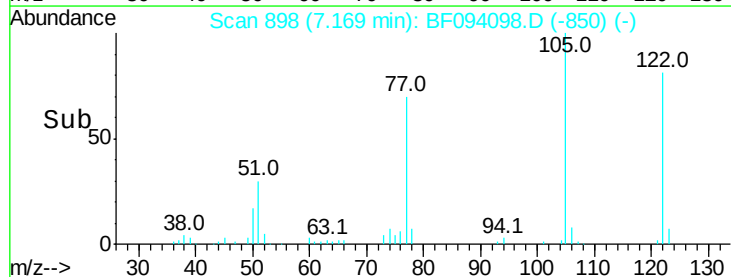
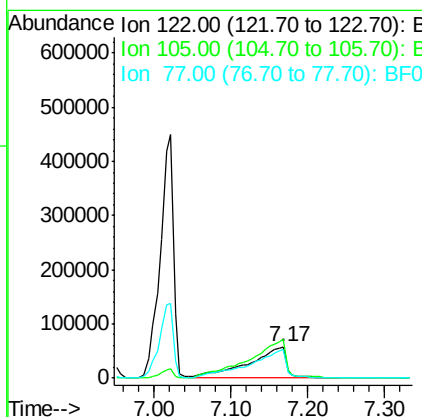
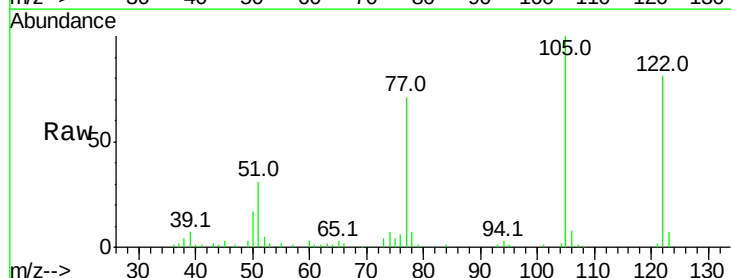
Instrument :
BNA_F
ClientSampled :

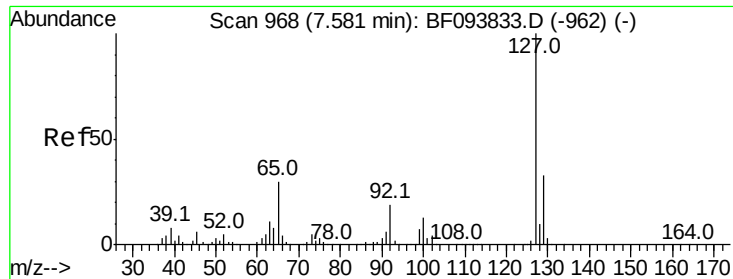
Tot Ion:128 Resp: 1705007
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 27.55 ng
RT: 7.17 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF094098.D
Acq: 31 Mar 2017 16:11

Tgt Ion:122 Resp: 193018
Ion Ratio Lower Upper
122 100
105 124.2 103.3 143.3
77 88.7 73.7 113.7

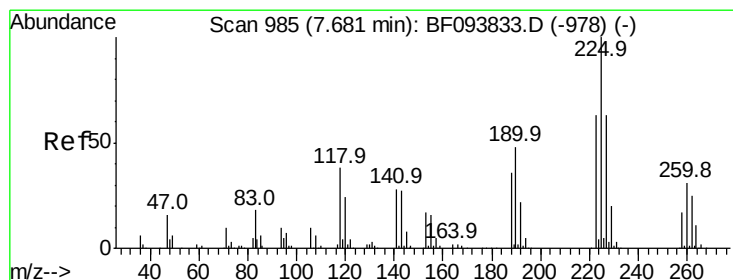
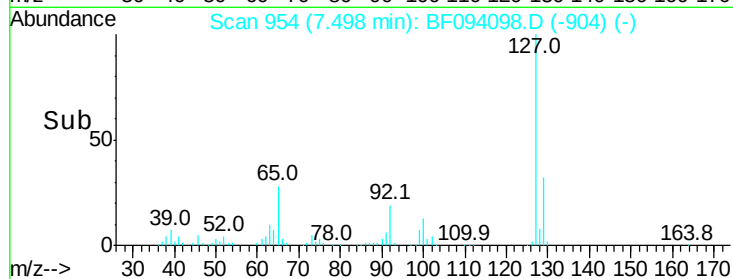
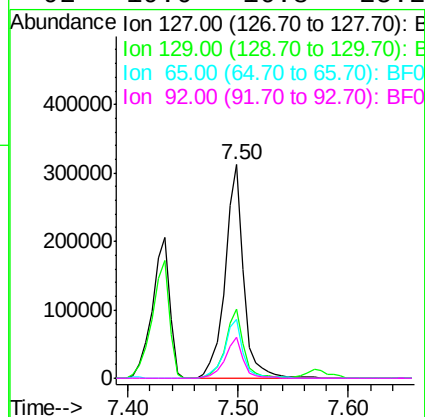
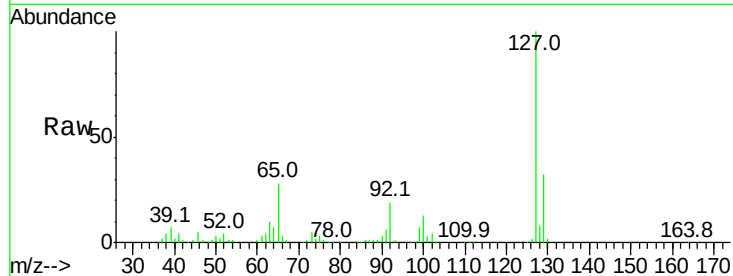




#33
 4-Chloroaniline
 Concen: 25.44 ng
 RT: 7.50 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

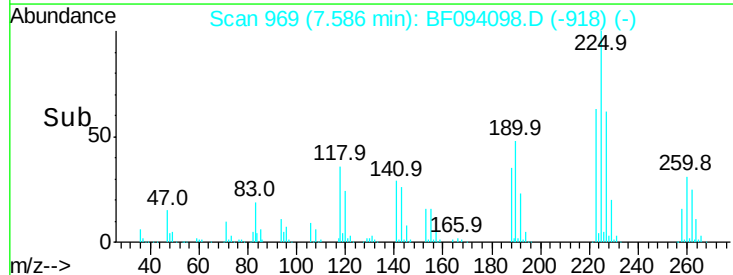
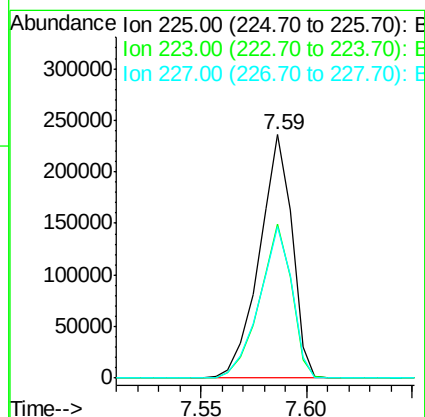
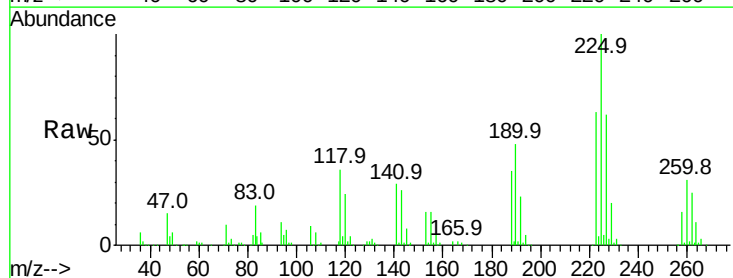
Instrument :
 BNA_F
 ClientSampled :

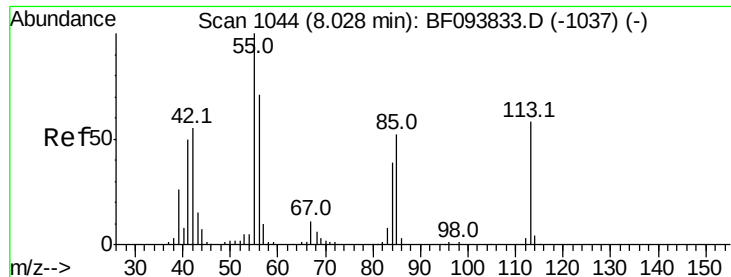
Tot Ion:	127	Resp:	367415
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	27.8	27.8	41.8#
92	19.0	16.8	25.2



#34
 Hexachlorobutadiene
 Concen: 48.86 ng
 RT: 7.59 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

Tgt Ion:	225	Resp:	253974
Ion	Ratio	Lower	Upper
225	100		
223	63.4	48.8	73.2
227	62.4	51.1	76.7

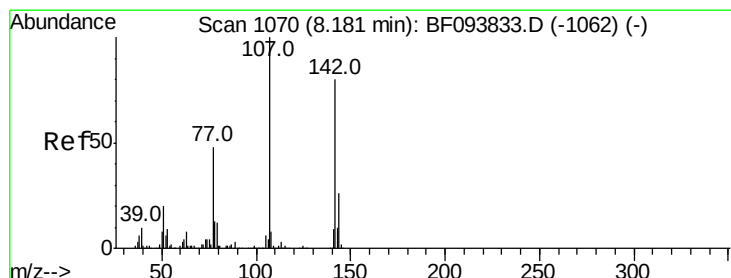
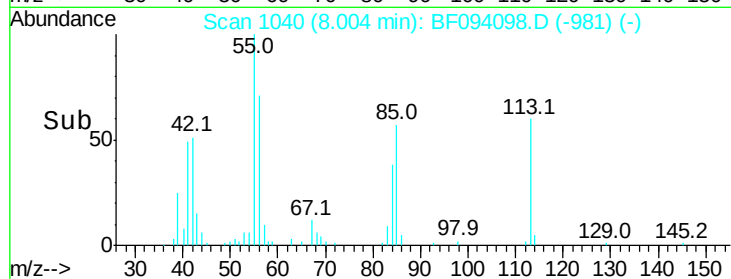
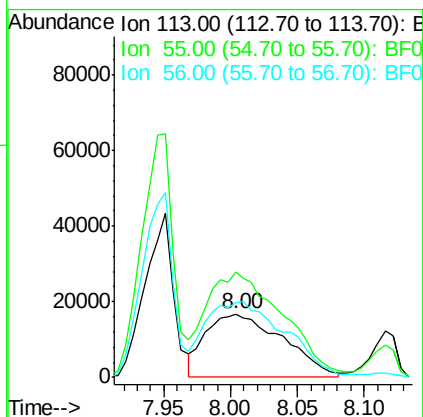
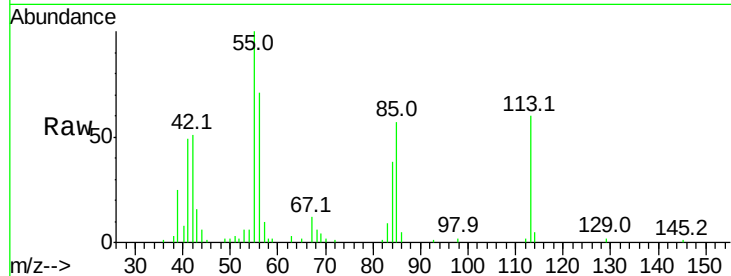




#35
 Caprolactam
 Concen: 21.61 ng
 RT: 8.00 min Scan# 1040
 Delta R.T. 0.05 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

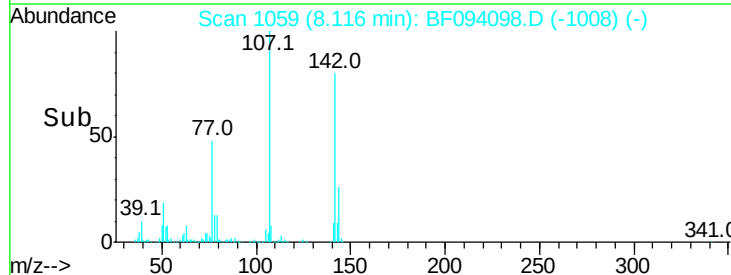
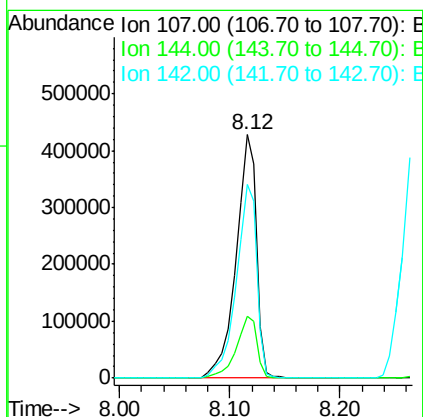
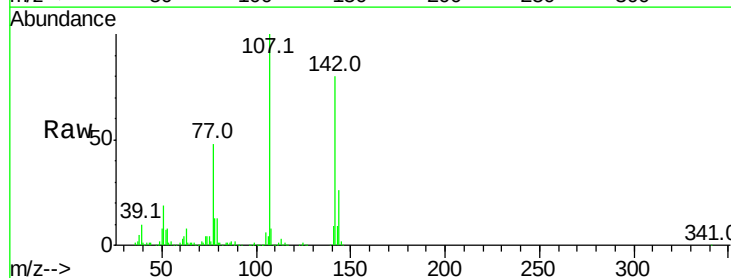
Instrument :
 BNA_F
 ClientSampleId :

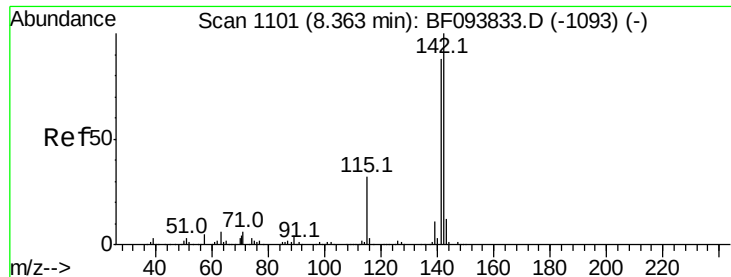
Tot Ion:113 Resp: 67800
 Ion Ratio Lower Upper
 113 100
 55 168.0 150.2 190.2
 56 118.4 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 53.98 ng
 RT: 8.12 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

Tgt Ion:107 Resp: 555022
 Ion Ratio Lower Upper
 107 100
 144 25.6 24.2 36.4
 142 79.5 73.4 110.0





#37

2-Methylnaphthalene

Concen: 49.63 ng

RT: 8.27 min Scan# 1086

Delta R.T. -0.00 min

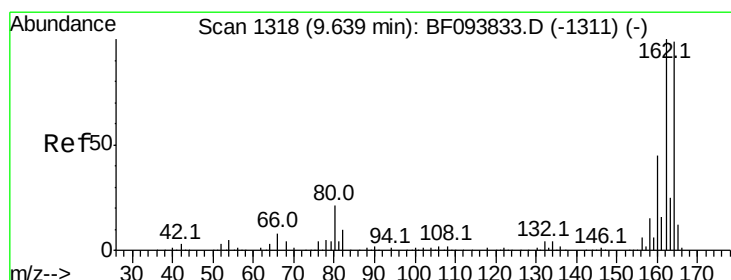
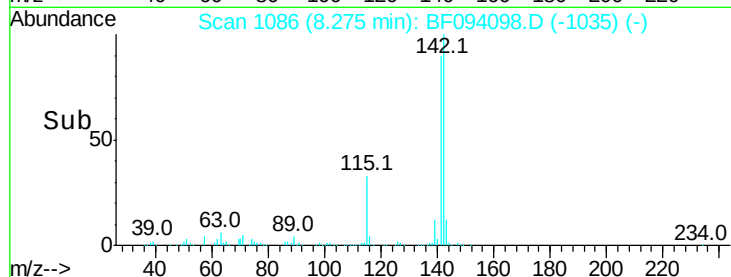
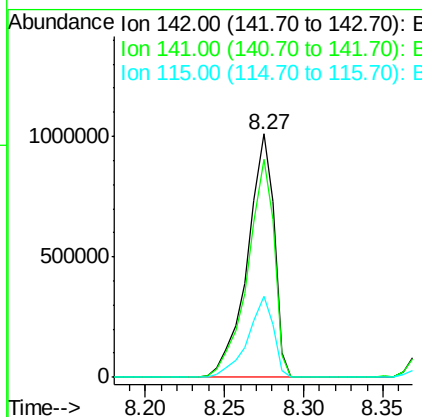
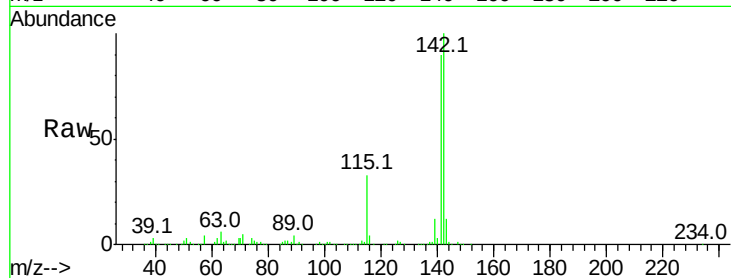
Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 1178899

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.3	106.9
115	33.1	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.55 min Scan# 1302

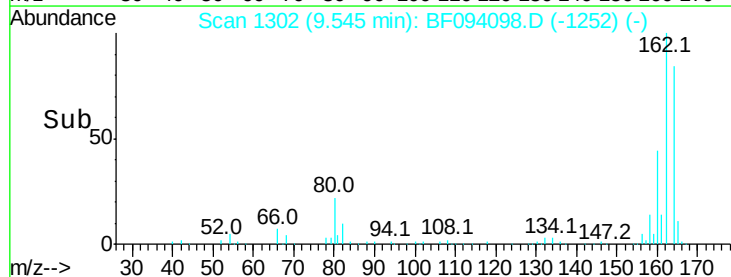
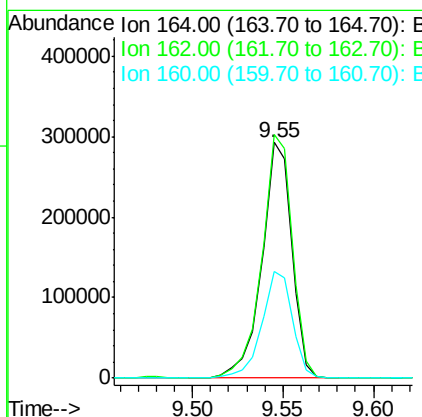
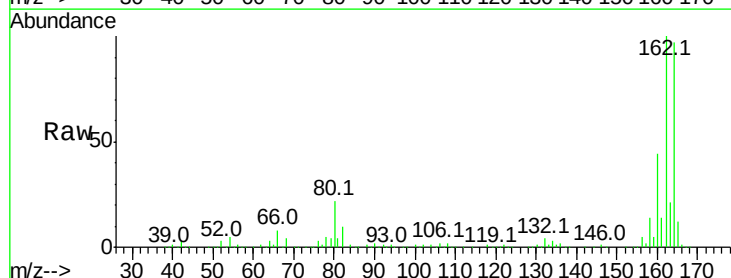
Delta R.T. -0.01 min

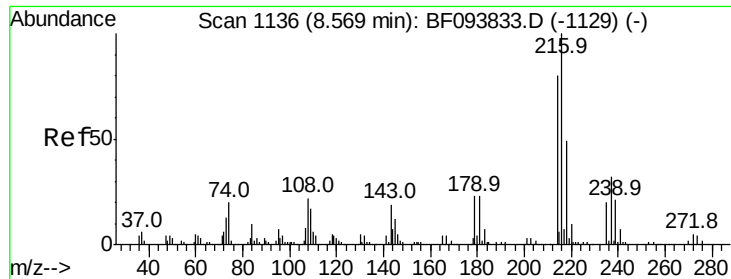
Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

Tgt Ion:164 Resp: 334994

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	123.8
160	45.3	36.2	54.2

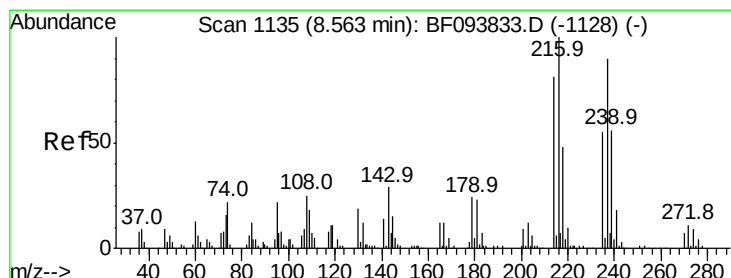
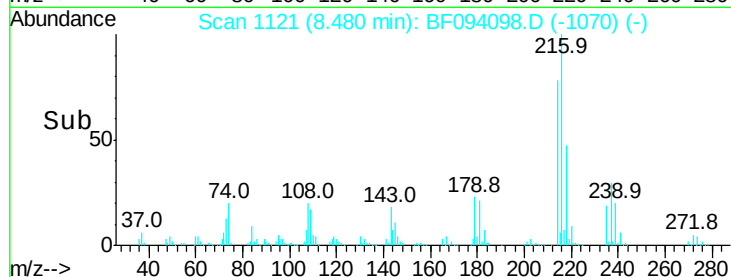
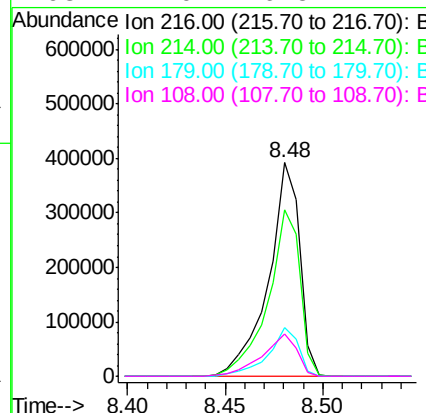
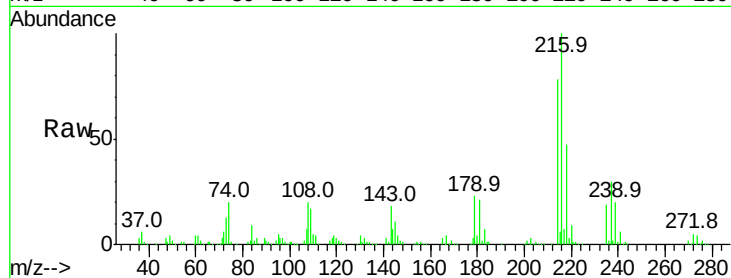




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.46 ng
 RT: 8.48 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

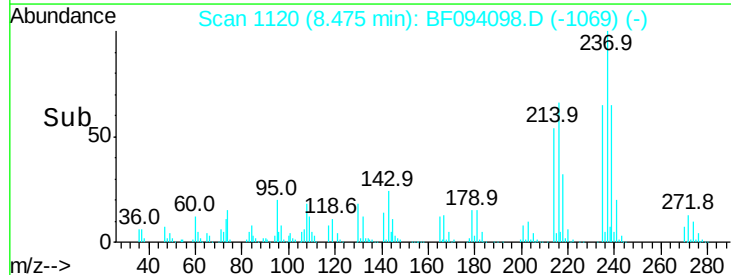
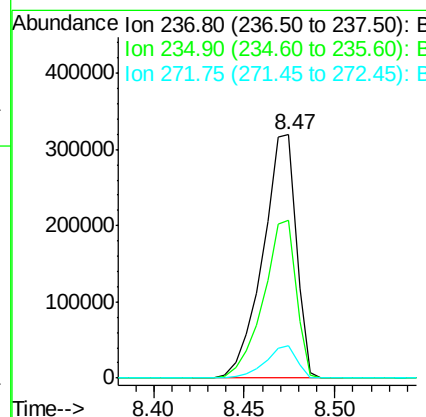
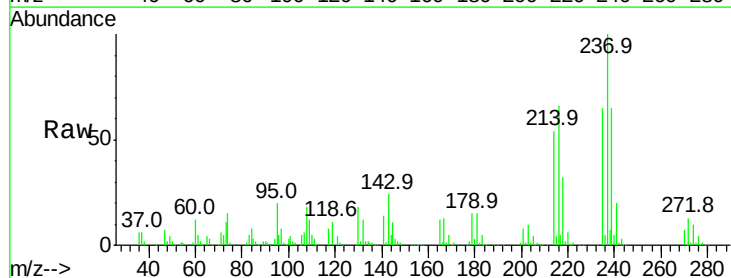
Instrument :
 BNA_F
 ClientSampleId :

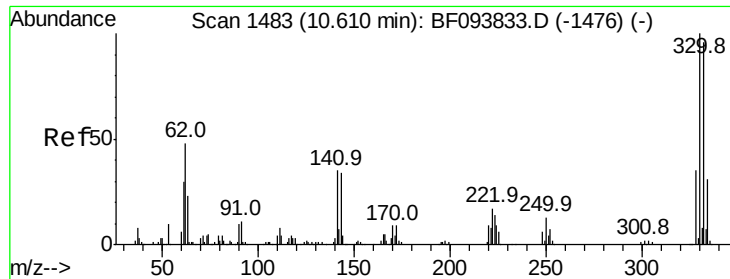
Tot Ion:	216	Resp:	434945
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.2
179	22.2	17.9	26.9
108	22.0	16.5	24.7



#40
 Hexachlorocyclopentadiene
 Concen: 95.38 ng
 RT: 8.47 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

Tgt Ion:	237	Resp:	409016
Ion	Ratio	Lower	Upper
237	100		
235	64.6	42.6	82.6
272	13.3	0.0	31.9

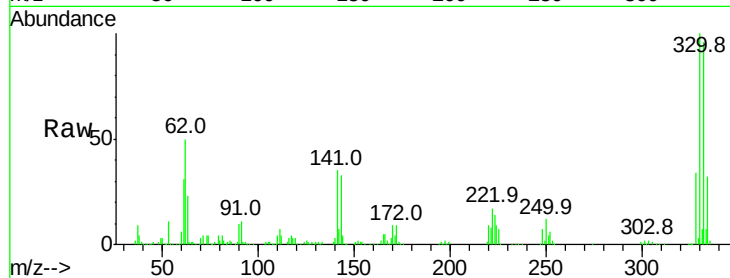




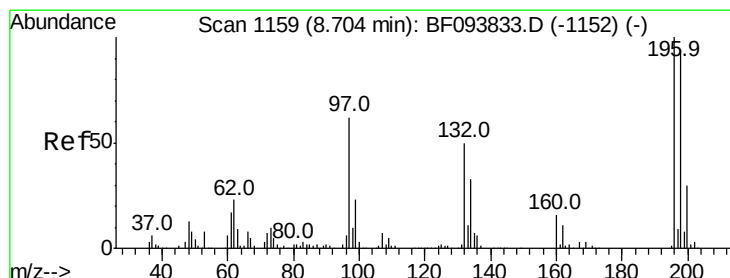
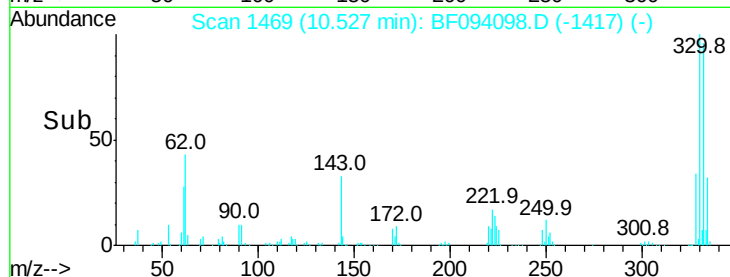
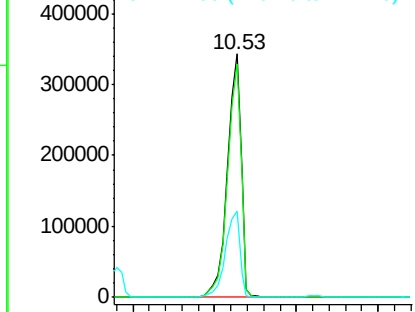
#41
 2,4,6-Tribromophenol
 Concen: 150.53 ng
 RT: 10.53 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 398492
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 37.5 31.4 47.2

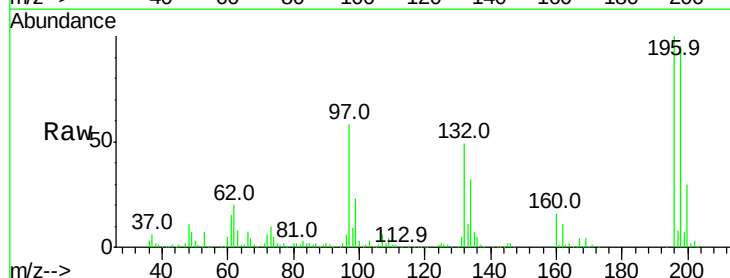


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

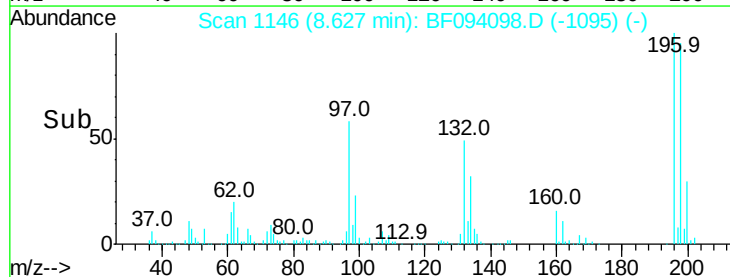
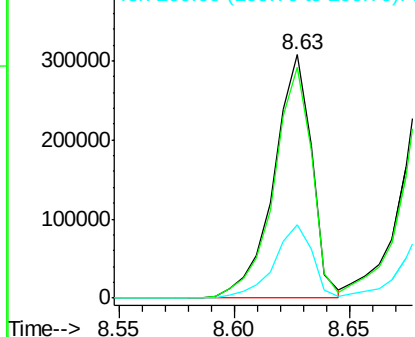


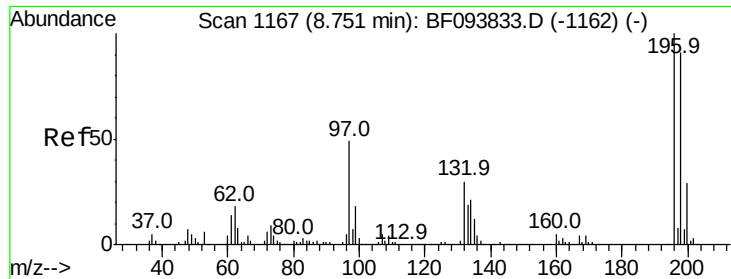
#42
 2,4,6-Trichlorophenol
 Concen: 54.16 ng
 RT: 8.63 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

Tgt Ion:196 Resp: 351153
 Ion Ratio Lower Upper
 196 100
 198 94.9 74.2 111.4
 200 30.1 24.0 36.0



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

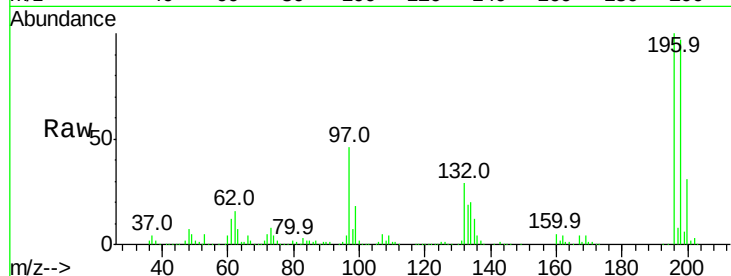




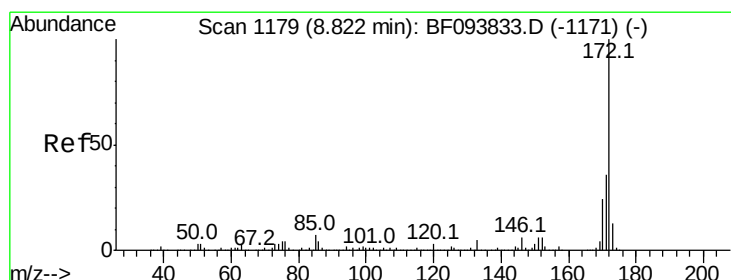
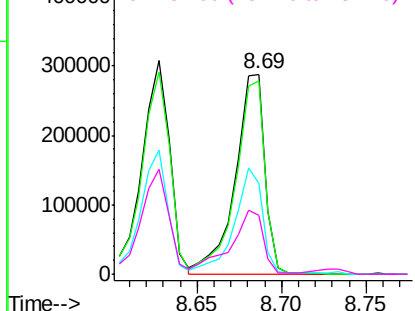
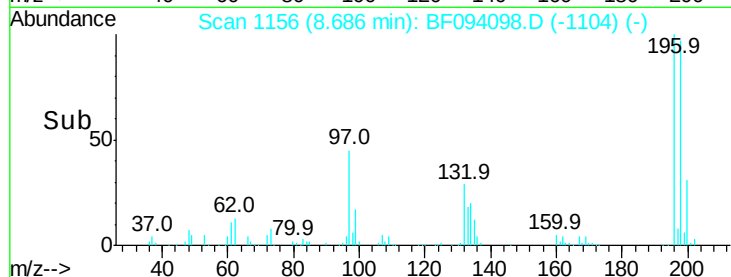
#43
 2,4,5-Trichlorophenol
 Concen: 50.54 ng
 RT: 8.69 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 354597
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.7 113.5
 97 45.5 47.7 71.5#
 132 29.3 28.0 42.0

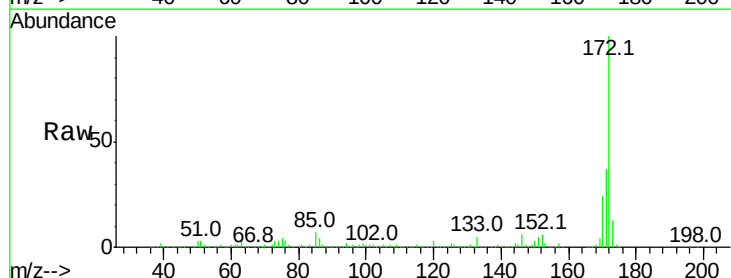


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

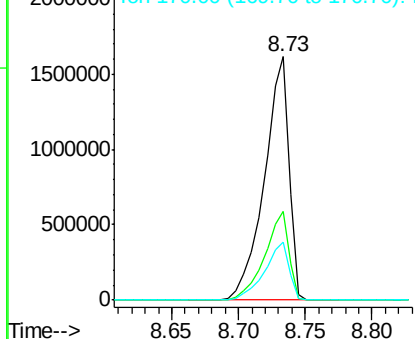
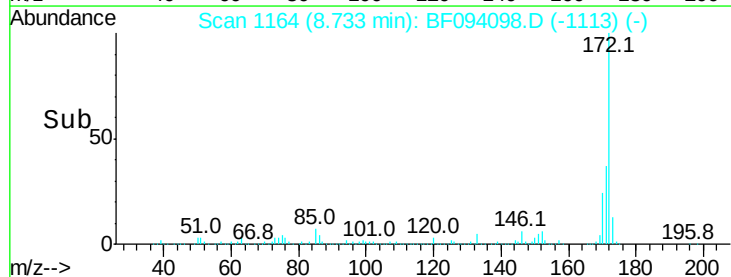


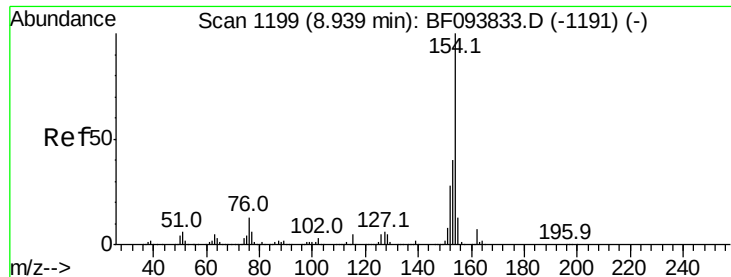
#44
 2-Fluorobiphenyl
 Concen: 94.03 ng
 RT: 8.73 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

Tgt Ion:172 Resp: 2065242
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 23.9 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 47.62 ng

RT: 8.85 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

Instrument :

BNA_F

ClientSampleId :

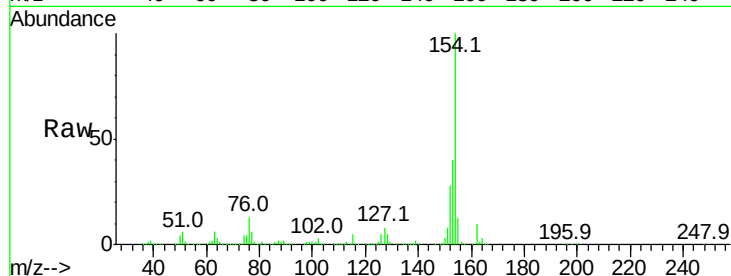
Tot Ion:154 Resp: 1286741

Ion Ratio Lower Upper

154 100

153 40.3 21.2 61.2

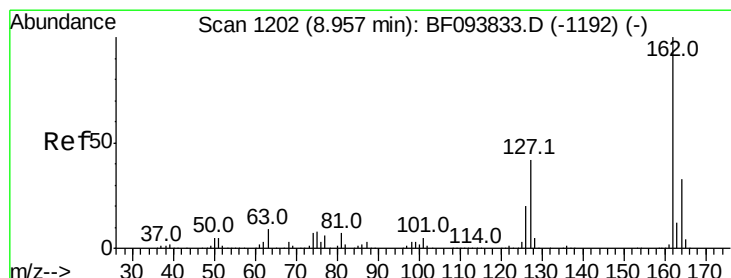
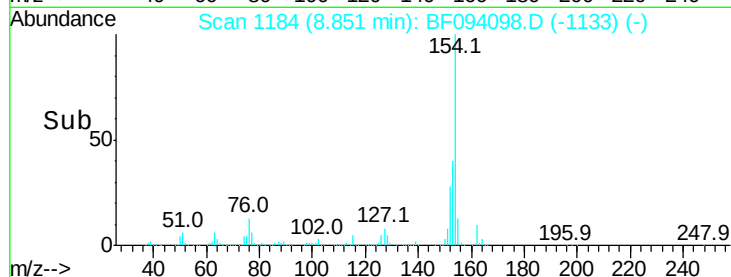
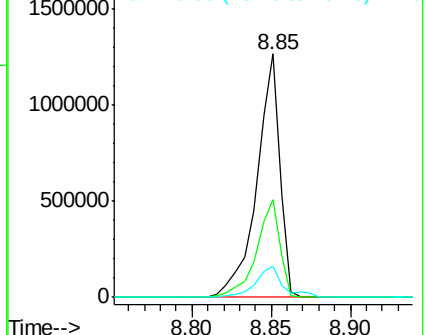
76 13.0 0.0 29.9



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: 49.03 ng

RT: 8.87 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

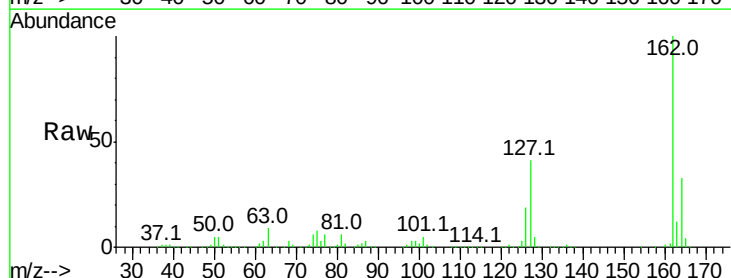
Tgt Ion:162 Resp: 1036955

Ion Ratio Lower Upper

162 100

127 40.8 28.3 42.5

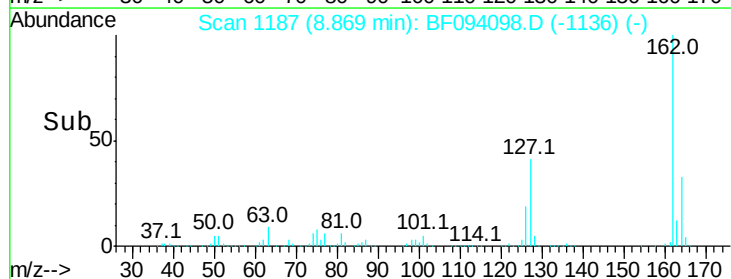
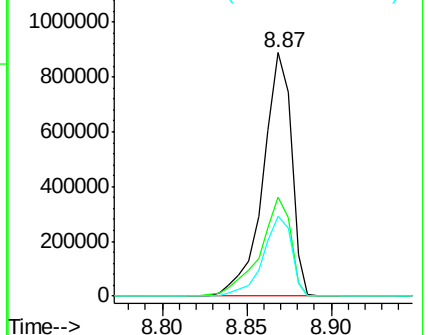
164 32.8 27.0 40.4

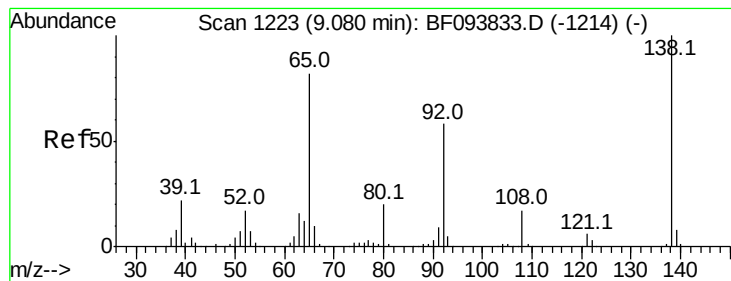


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 51.24 ng

RT: 9.00 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

Instrument :

BNA_F

ClientSampleId :

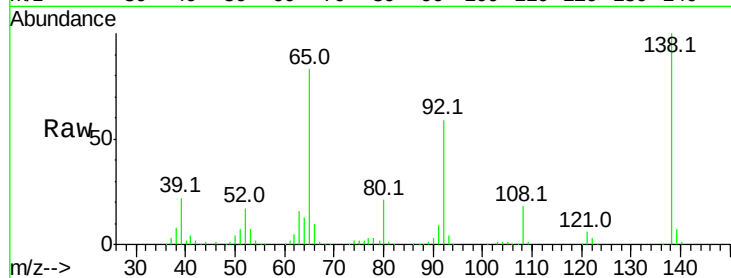
Tot Ion: 65 Resp: 321481

Ion Ratio Lower Upper

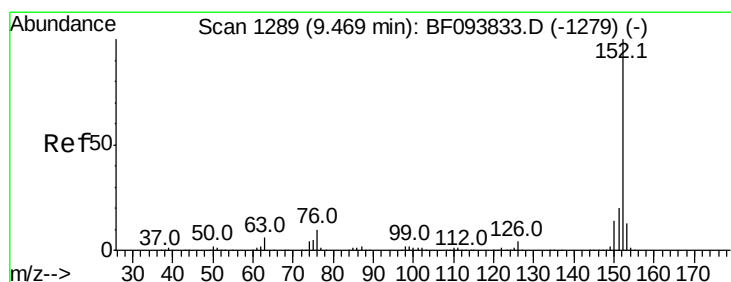
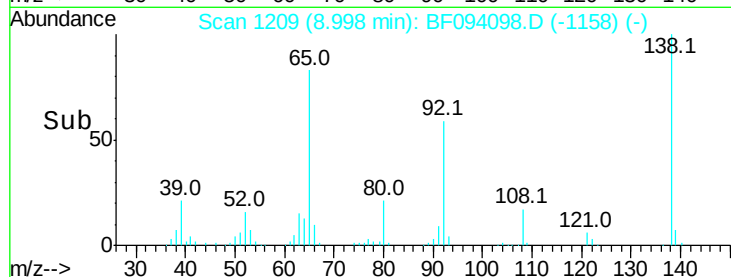
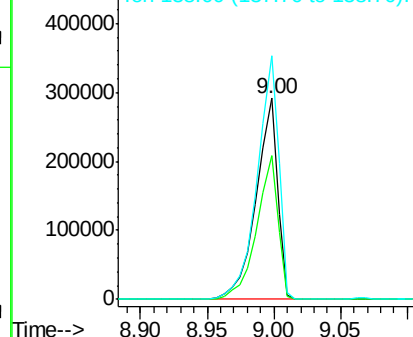
65 100

92 71.3 53.9 80.9

138 121.0 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): E



#48

Acenaphthylene

Concen: 45.90 ng

RT: 9.38 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

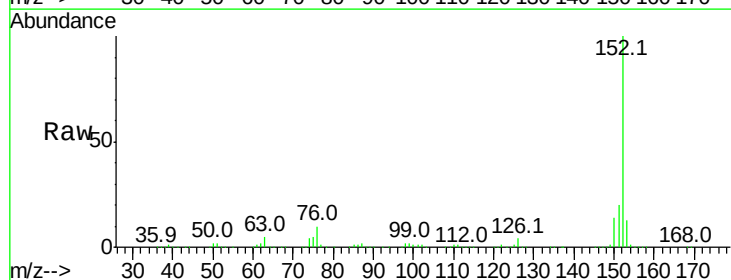
Tgt Ion:152 Resp: 1613512

Ion Ratio Lower Upper

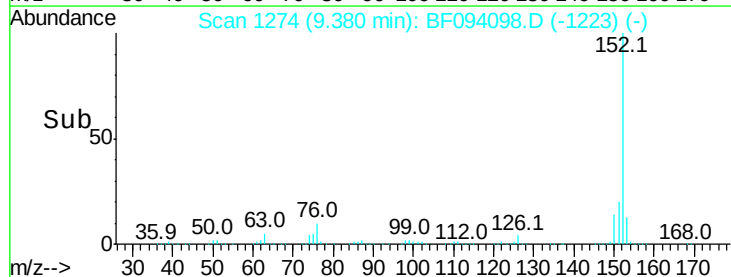
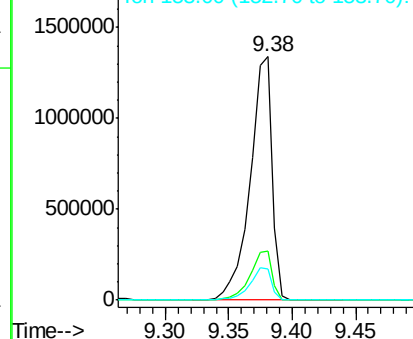
152 100

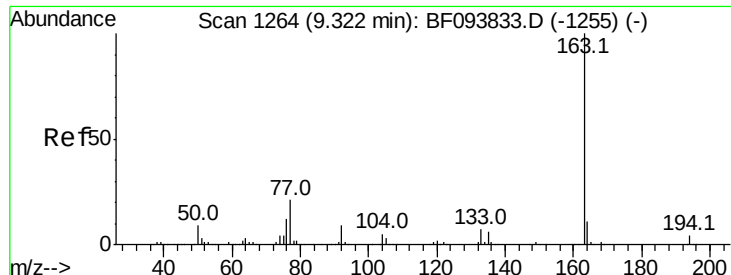
151 20.2 16.8 25.2

153 13.0 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

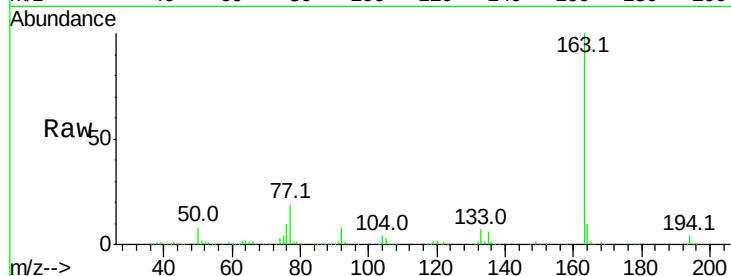




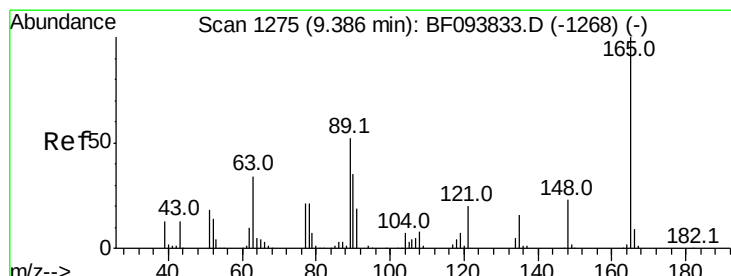
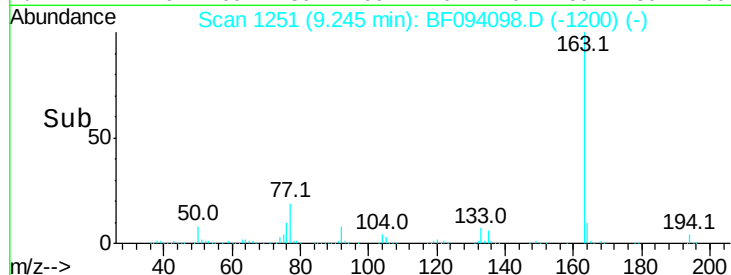
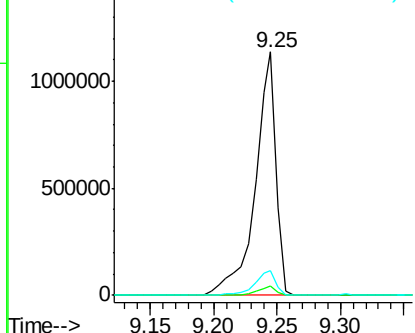
#49
Dimethylphthalate
Concen: 54.57 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BF094098.D
Acq: 31 Mar 2017 16:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1299569
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.1 8.4 12.6

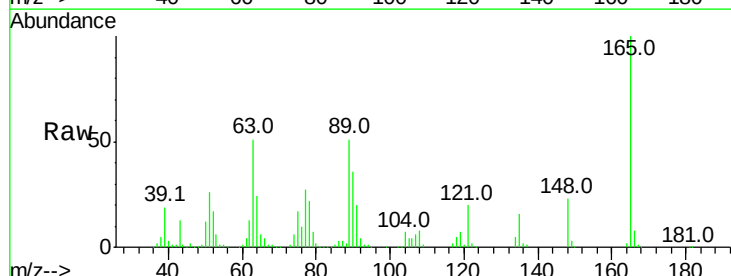


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

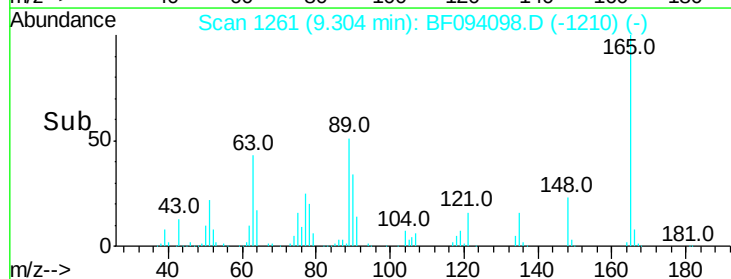
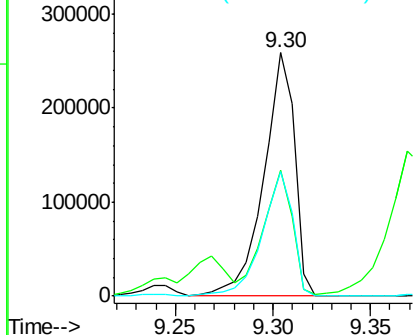


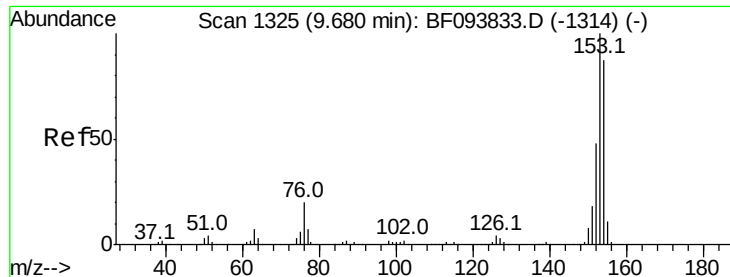
#50
2,6-Dinitrotoluene
Concen: 51.86 ng
RT: 9.30 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF094098.D
Acq: 31 Mar 2017 16:11

Tgt Ion:165 Resp: 283076
Ion Ratio Lower Upper
165 100
63 51.4 34.3 51.5
89 51.4 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: 46.81 ng

RT: 9.59 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

Instrument :

BNA_F

ClientSampled :

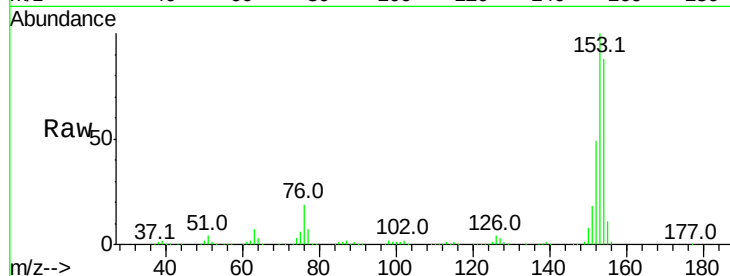
Tot Ion:154 Resp: 960073

Ion Ratio Lower Upper

154 100

153 113.3 90.5 135.7

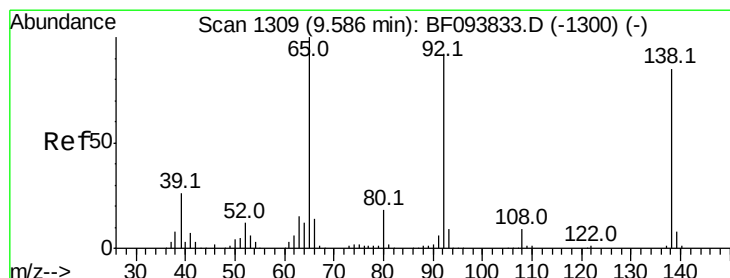
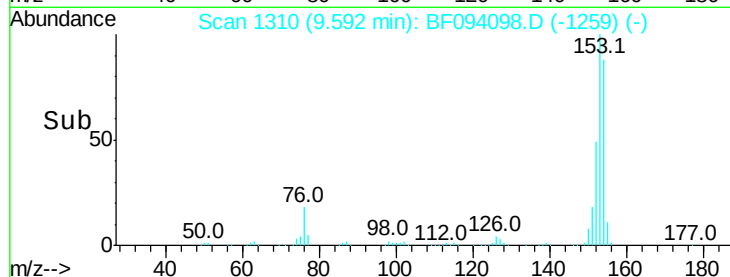
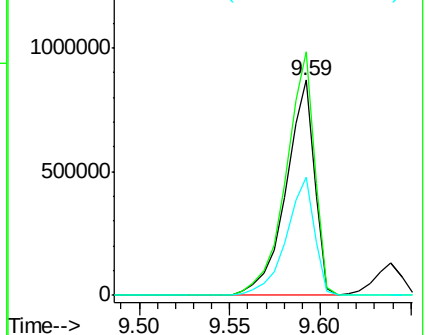
152 55.0 43.6 65.4



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: 33.73 ng

RT: 9.50 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

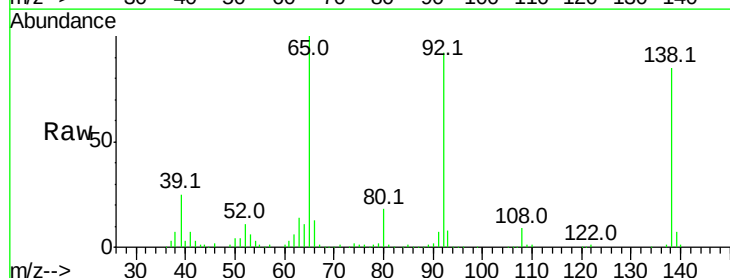
Tgt Ion:138 Resp: 216236

Ion Ratio Lower Upper

138 100

108 10.3 9.1 13.7

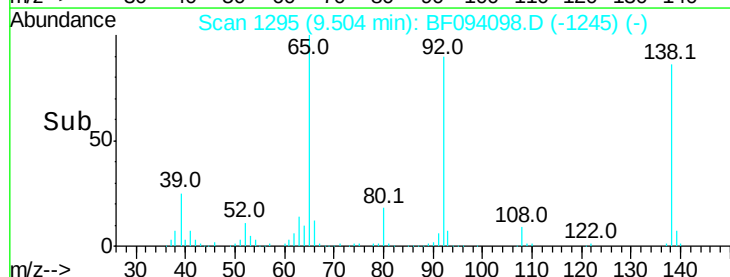
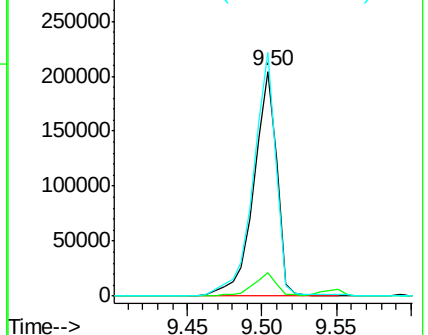
92 108.5 93.8 140.6

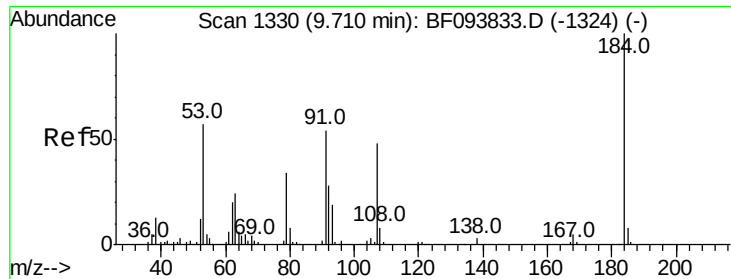


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

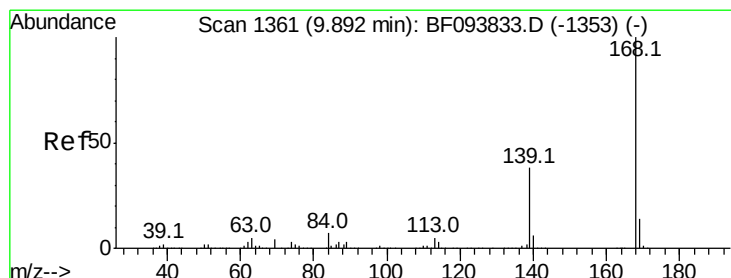
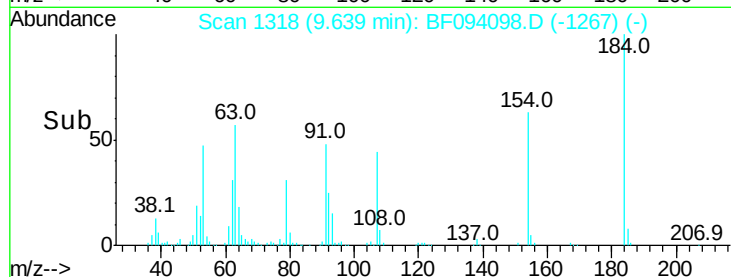
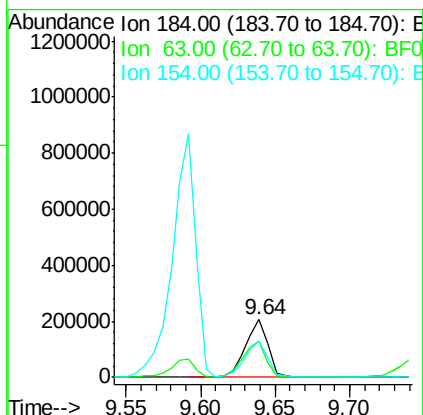
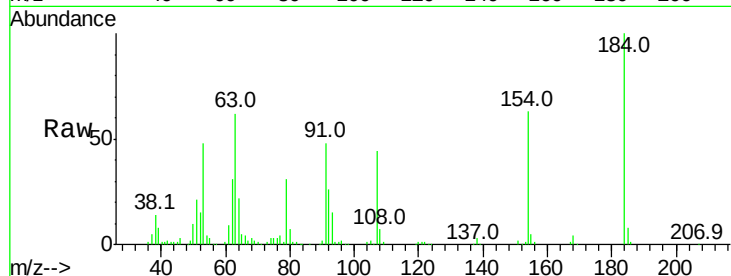




#53
 2,4-Dinitrophenol
 Concen: 75.29 ng
 RT: 9.64 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

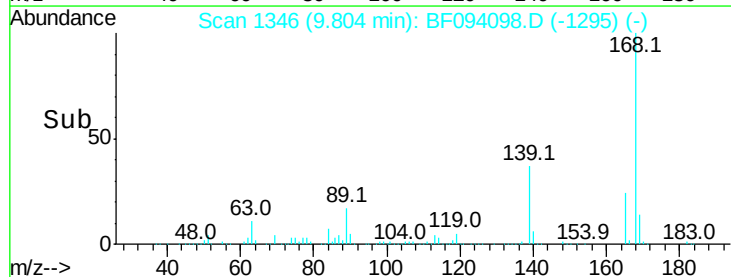
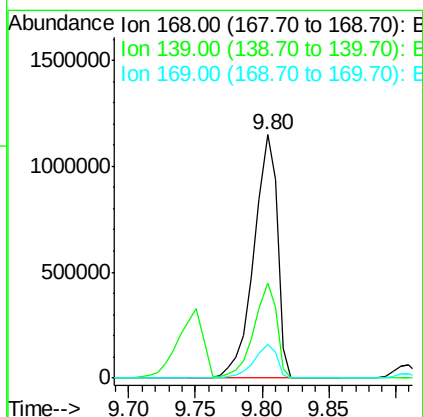
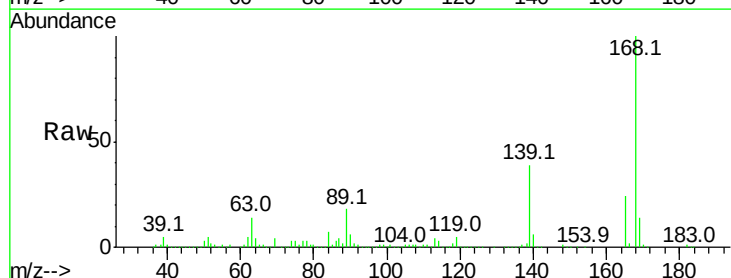
Instrument :
 BNA_F
 ClientSampleId :

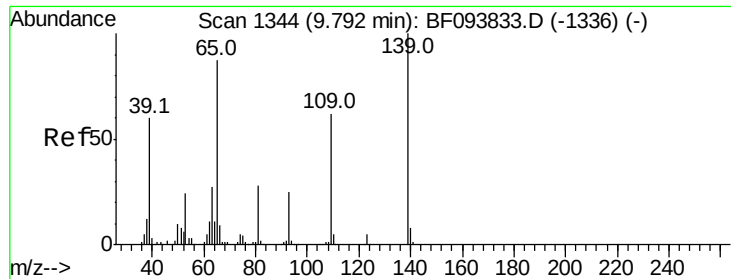
Tot Ion:184 Resp: 219074
 Ion Ratio Lower Upper
 184 100
 63 62.4 62.7 94.1#
 154 63.2 81.1 121.7#



#54
 Dibenzofuran
 Concen: 49.54 ng
 RT: 9.80 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

Tgt Ion:168 Resp: 1383158
 Ion Ratio Lower Upper
 168 100
 139 38.8 30.6 45.8
 169 13.6 10.8 16.2





#55

4-Nitrophenol

Concen: 86.03 ng

RT: 9.75 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

Instrument :

BNA_F

ClientSampled :

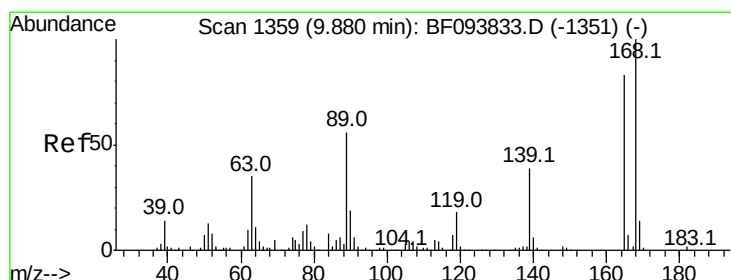
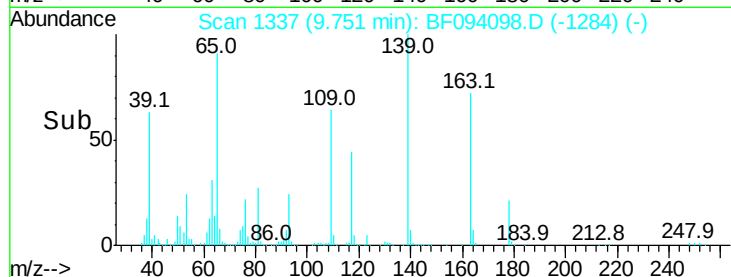
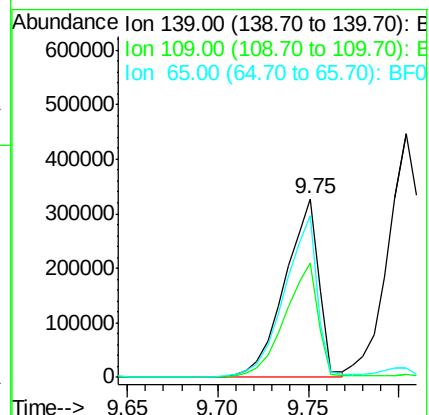
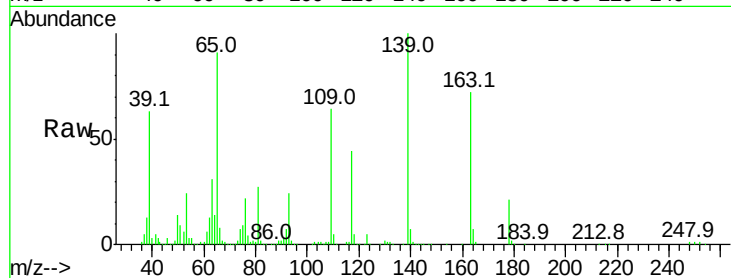
Tot Ion:139 Resp: 431848

Ion Ratio Lower Upper

139 100

109 63.7 34.1 74.1

65 90.6 31.4 71.4#



#56

2,4-Dinitrotoluene

Concen: 48.76 ng

RT: 9.80 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

Tgt Ion:165 Resp: 334351

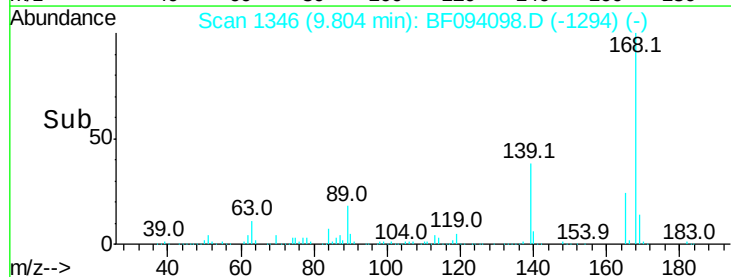
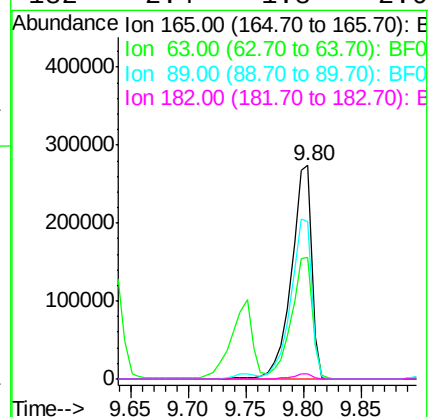
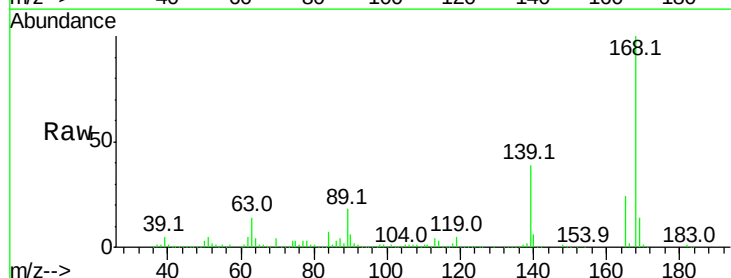
Ion Ratio Lower Upper

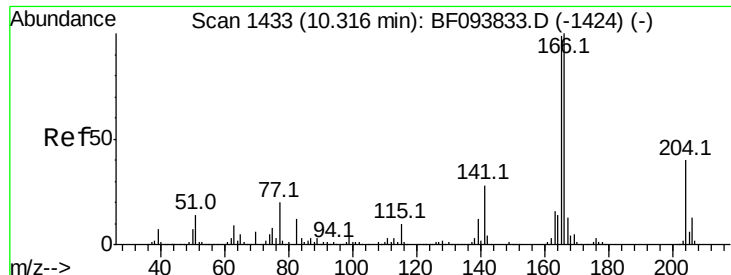
165 100

63 56.7 25.4 38.0#

89 73.9 46.4 69.6#

182 2.4 1.8 2.6

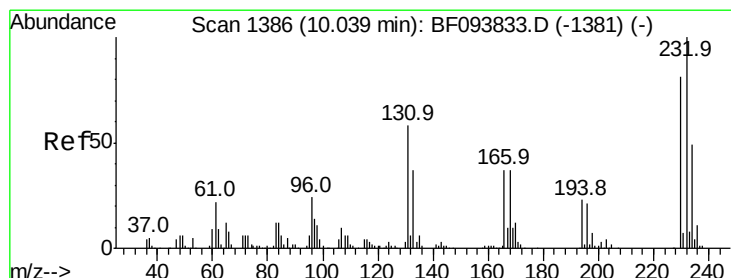
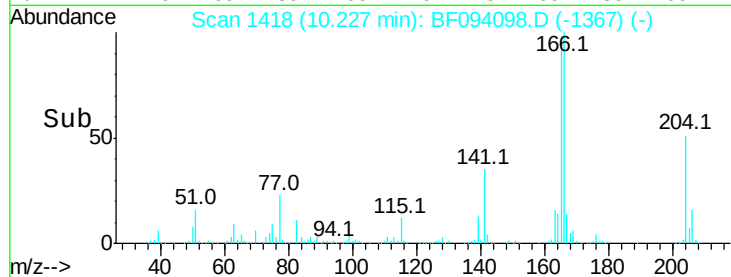
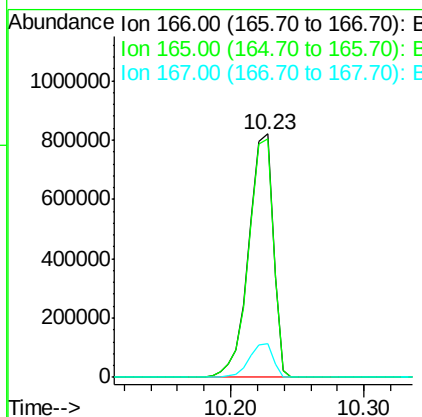
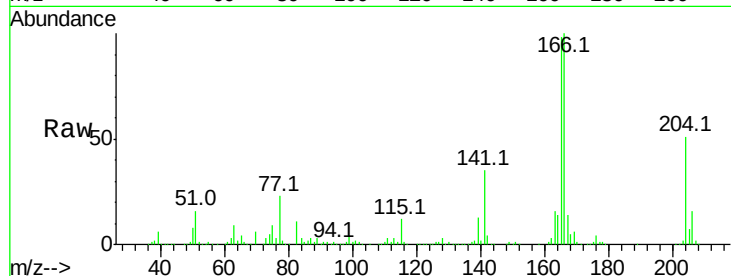




#57
 Fluorene
 Concen: 44.48 ng
 RT: 10.23 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

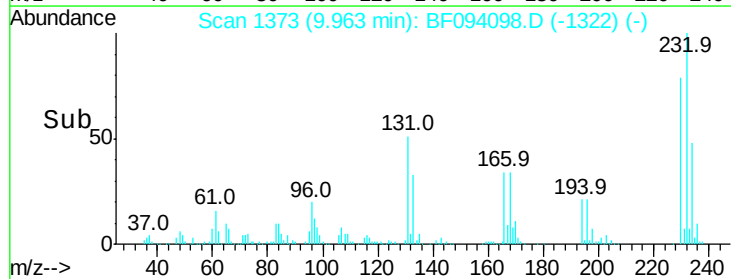
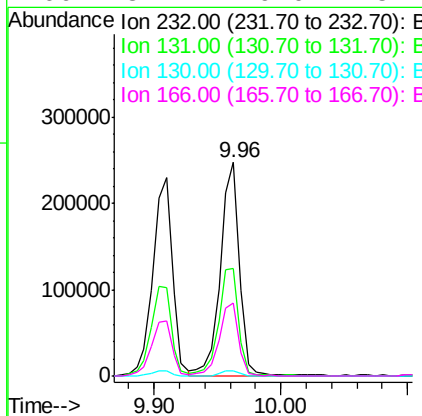
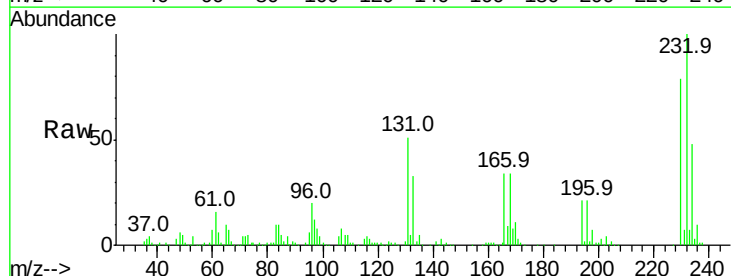
Instrument :
 BNA_F
 ClientSampleId :

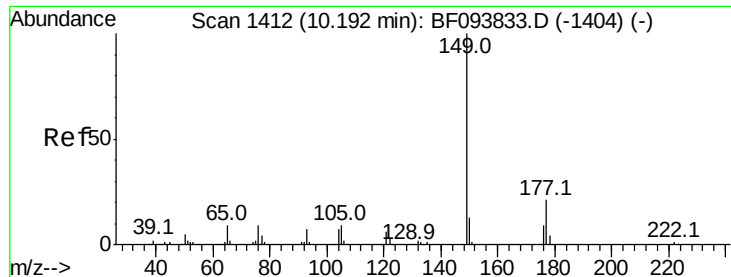
Tot Ion:166 Resp: 1029863
 Ion Ratio Lower Upper
 166 100
 165 97.7 78.8 118.2
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.75 ng
 RT: 9.96 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

Tgt Ion:232 Resp: 258759
 Ion Ratio Lower Upper
 232 100
 131 52.9 44.8 67.2
 130 2.5 2.3 3.5
 166 34.7 29.0 43.4





#59

Diethylphthalate

Concen: 48.78 ng

RT: 10.11 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

Instrument :

BNA_F

ClientSampled :

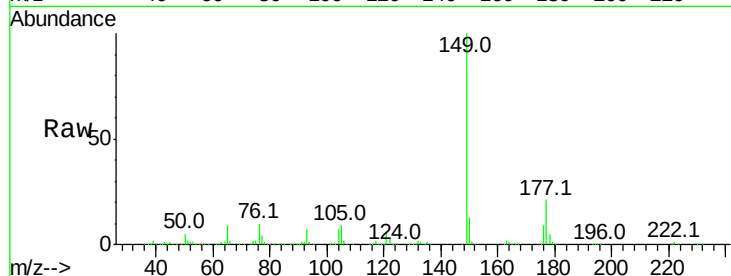
Tot Ion:149 Resp: 1148107

Ion Ratio Lower Upper

149 100

177 21.2 16.7 25.1

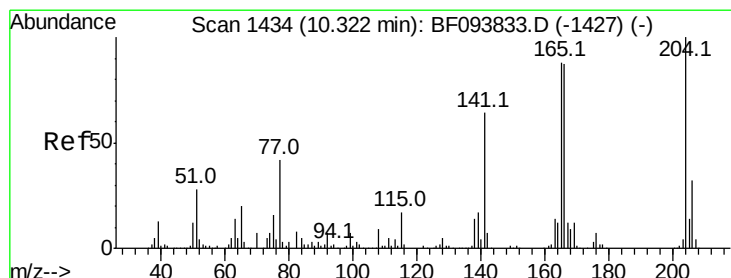
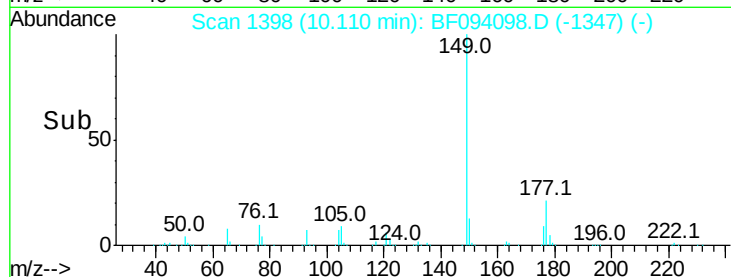
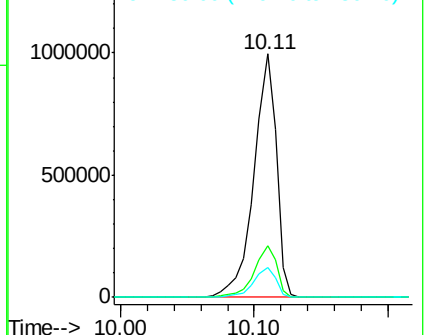
150 12.5 10.2 15.2



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: 44.67 ng

RT: 10.23 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

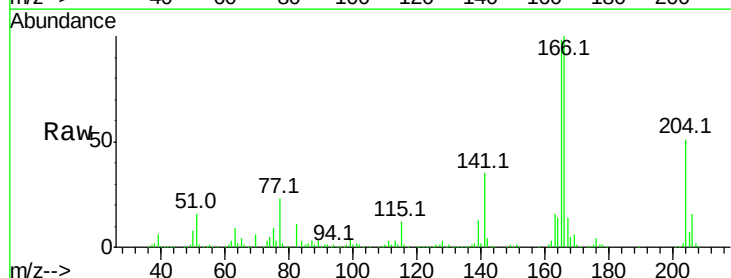
Tgt Ion:204 Resp: 440651

Ion Ratio Lower Upper

204 100

206 31.7 26.2 39.2

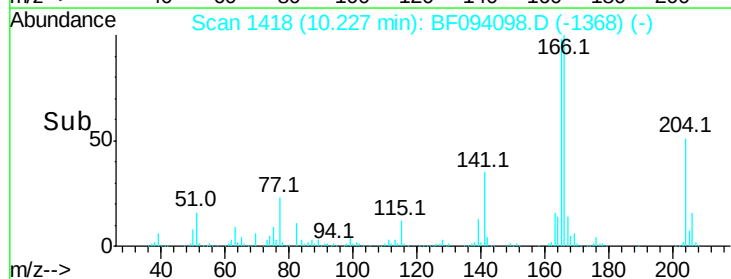
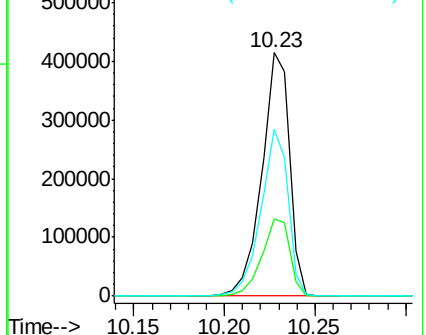
141 68.4 60.8 91.2

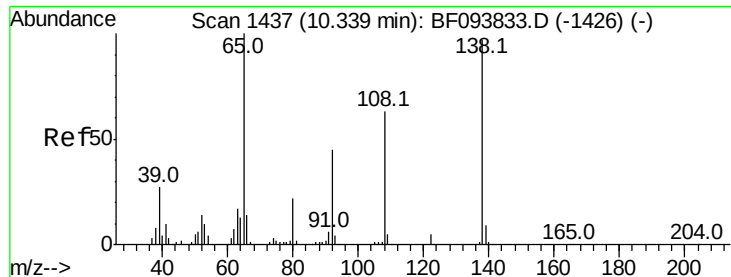


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

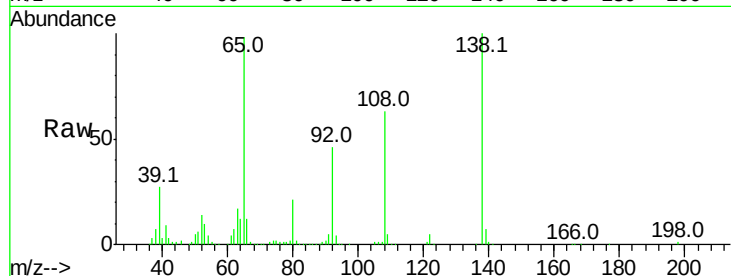




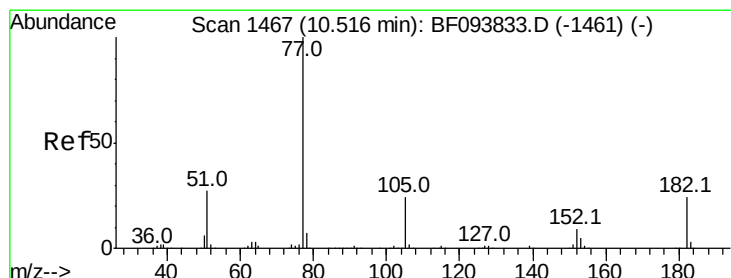
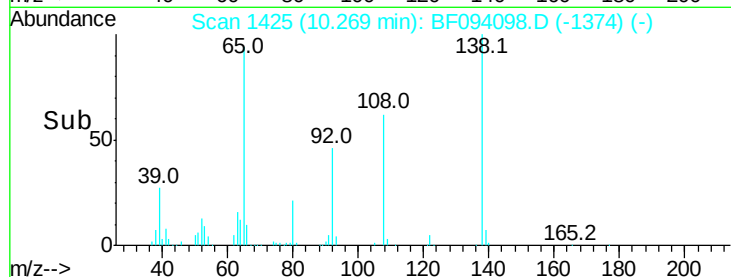
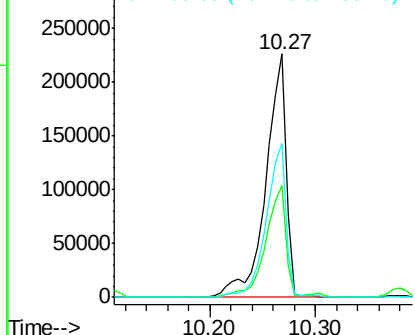
#61
4-Nitroaniline
Concen: 49.31 ng
RT: 10.27 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF094098.D
Acq: 31 Mar 2017 16:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 303298
Ion Ratio Lower Upper
138 100
92 46.2 21.8 61.8
108 63.3 42.3 82.3

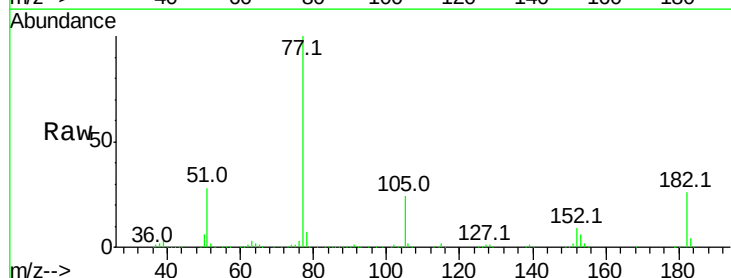


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

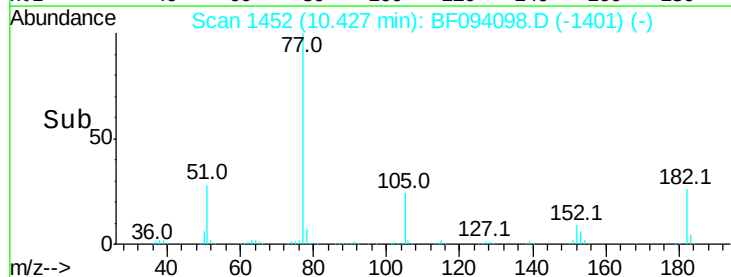
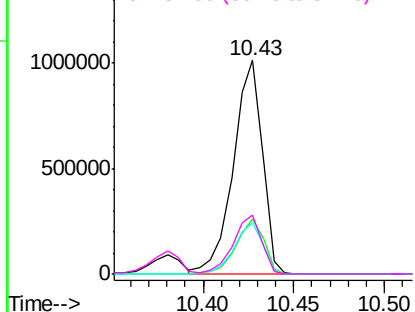


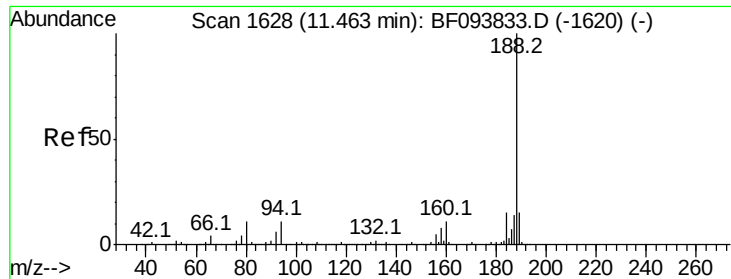
#62
Azobenzene
Concen: 50.38 ng
RT: 10.43 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF094098.D
Acq: 31 Mar 2017 16:11

Tgt Ion: 77 Resp: 1121689
Ion Ratio Lower Upper
77 100
182 25.6 0.1 40.1
105 24.0 3.6 43.6
51 27.7 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

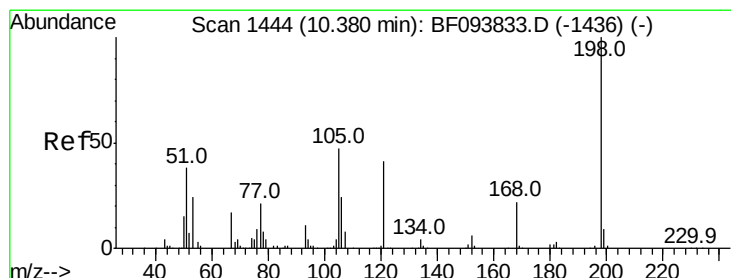
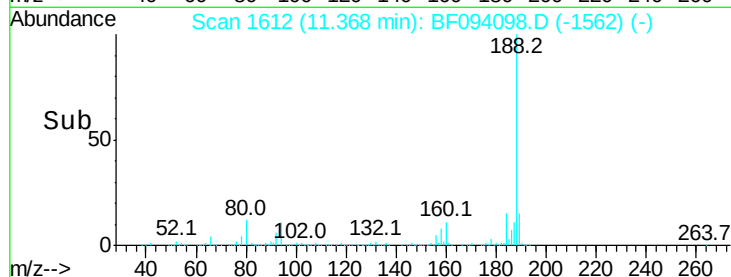
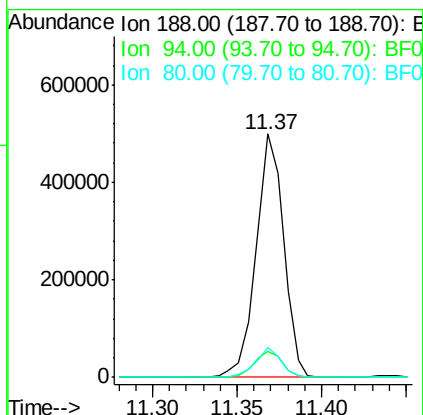
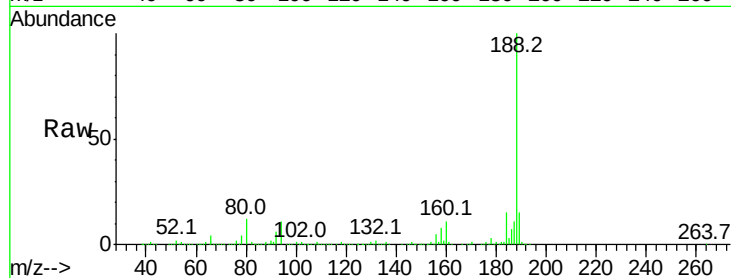




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BF094098.D
Acq: 31 Mar 2017 16:11

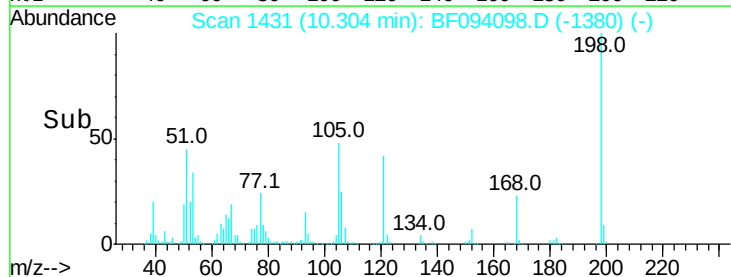
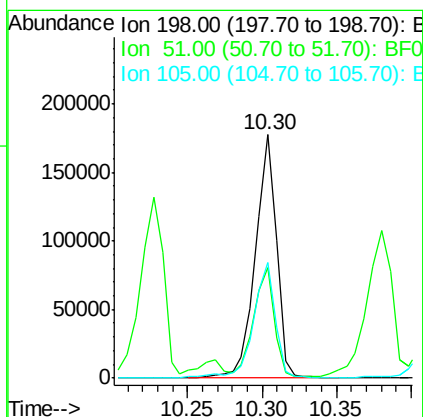
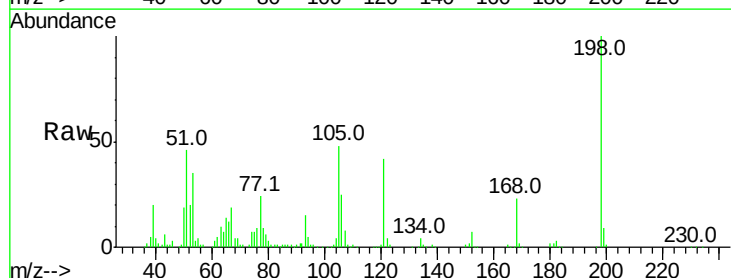
Instrument :
BNA_F
ClientSampleId :

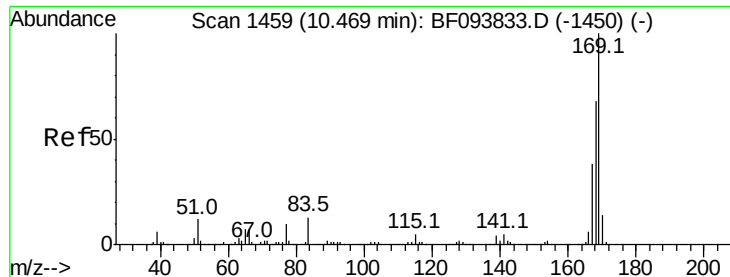
Tot Ion:188 Resp: 569685
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 12.1 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 49.75 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF094098.D
Acq: 31 Mar 2017 16:11

Tgt Ion:198 Resp: 173583
Ion Ratio Lower Upper
198 100
51 45.6 53.2 93.2#
105 47.6 45.8 85.8

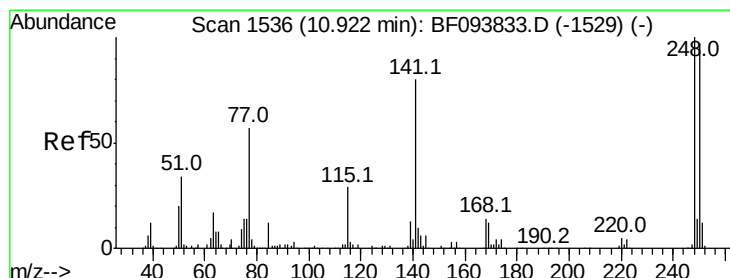
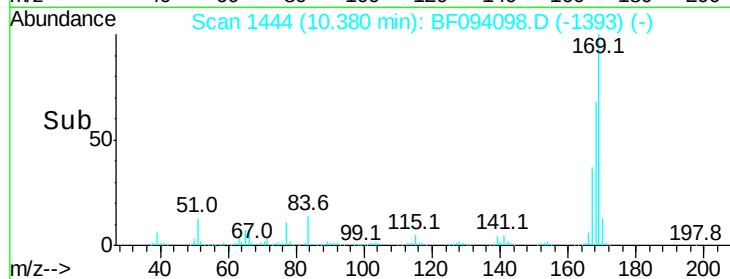
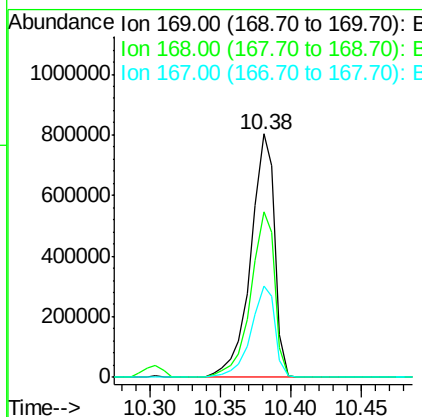
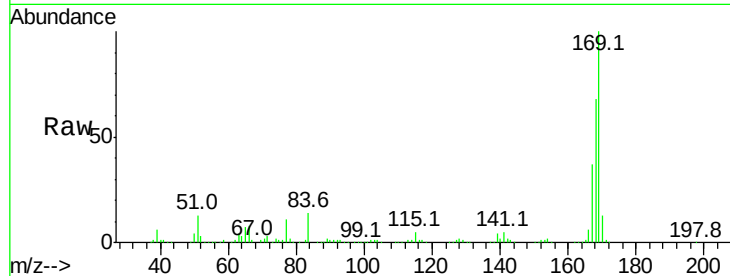




#65
 n-Nitrosodiphenylamine
 Concen: 48.75 ng
 RT: 10.38 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

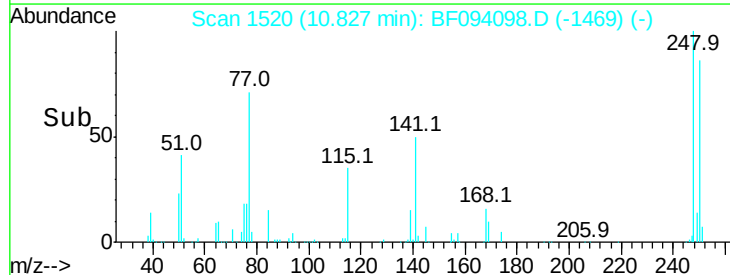
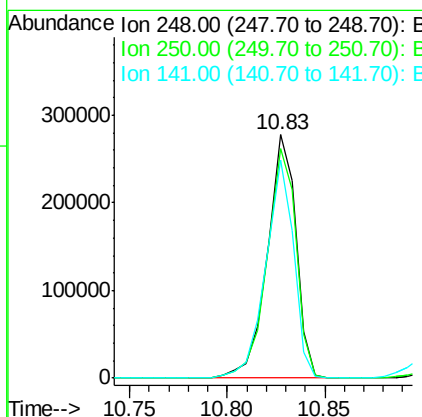
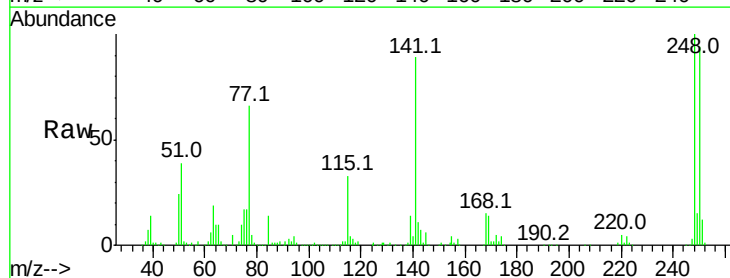
Instrument :
 BNA_F
 ClientSampleId :

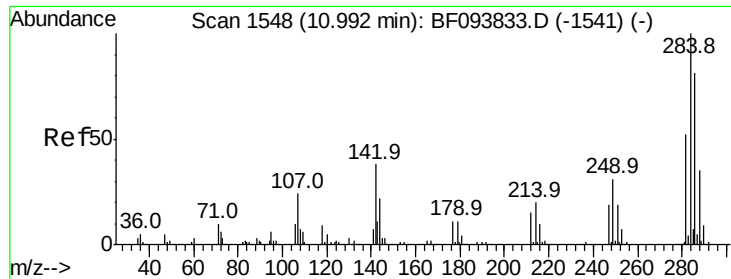
Tot Ion:169 Resp: 960483
 Ion Ratio Lower Upper
 169 100
 168 68.2 53.2 79.8
 167 37.4 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 50.72 ng
 RT: 10.83 min Scan# 1520
 Delta R.T. -0.00 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

Tgt Ion:248 Resp: 284203
 Ion Ratio Lower Upper
 248 100
 250 94.2 76.8 115.2
 141 89.3 68.6 103.0

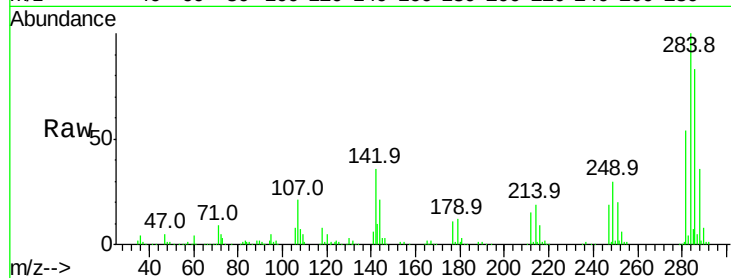




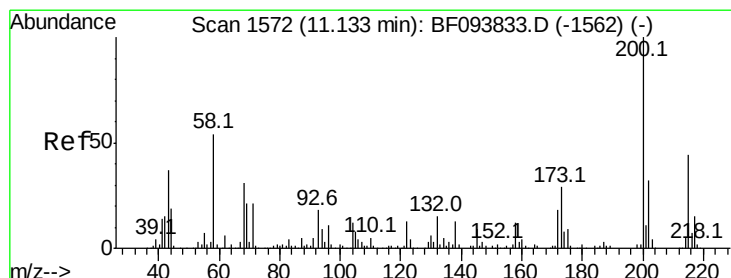
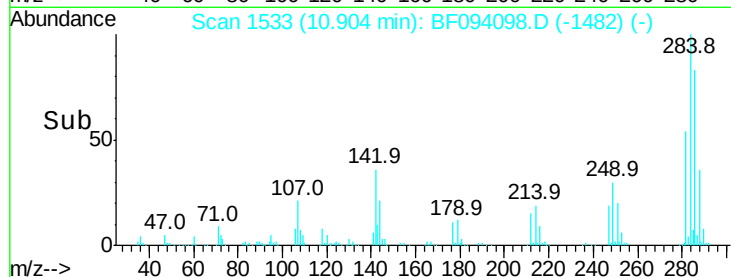
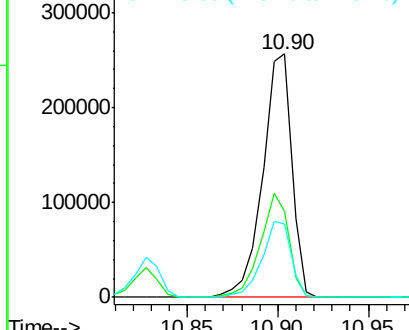
#67
Hexachlorobenzene
Concen: 50.49 ng
RT: 10.90 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF094098.D
Acq: 31 Mar 2017 16:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 286390
Ion Ratio Lower Upper
284 100
142 35.5 22.8 34.2#
249 30.2 24.0 36.0

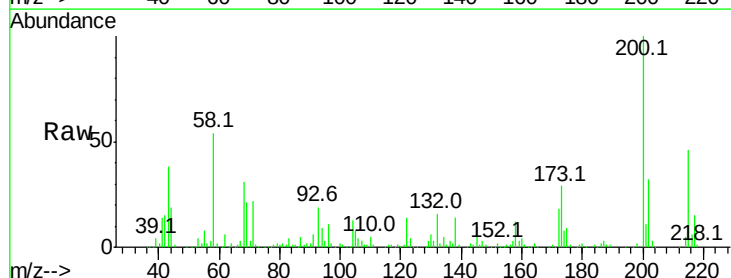


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

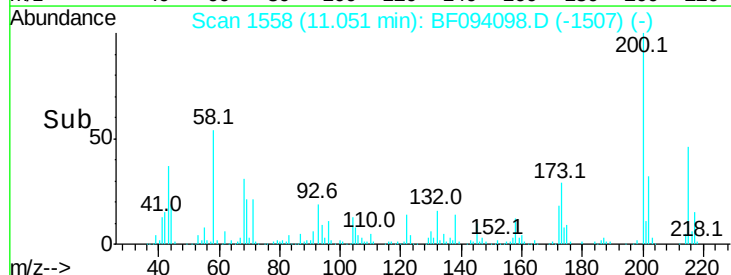
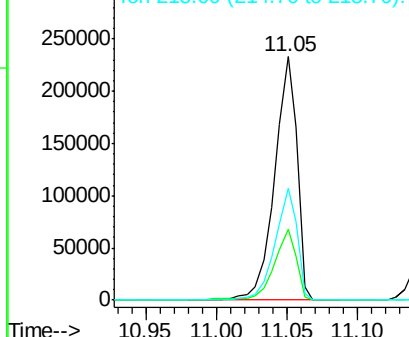


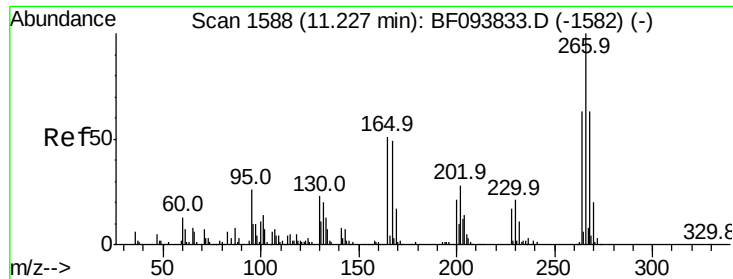
#68
Atrazine
Concen: 43.84 ng
RT: 11.05 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF094098.D
Acq: 31 Mar 2017 16:11

Tgt Ion:200 Resp: 258678
Ion Ratio Lower Upper
200 100
173 29.2 6.3 46.3
215 46.0 27.2 67.2



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

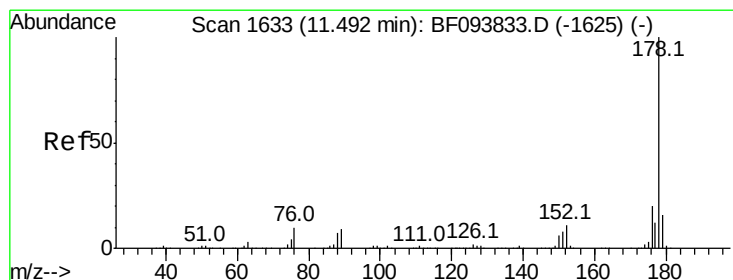
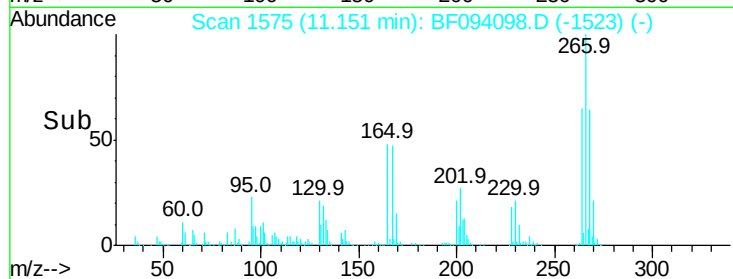
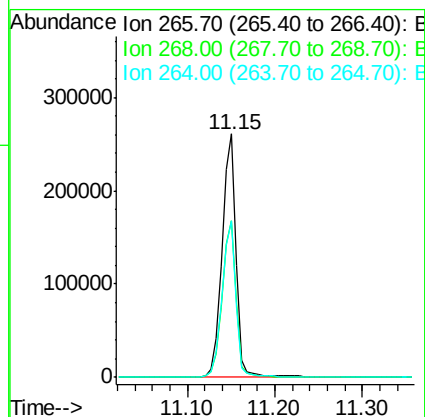
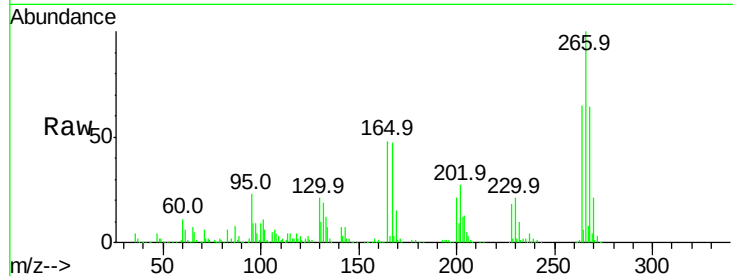




#69
 Pentachlorophenol
 Concen: 82.79 ng
 RT: 11.15 min Scan# 1575
 Delta R.T. 0.01 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

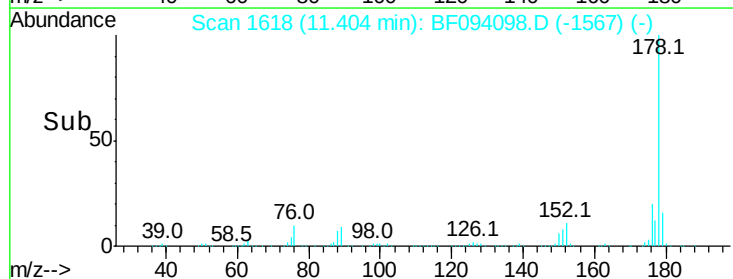
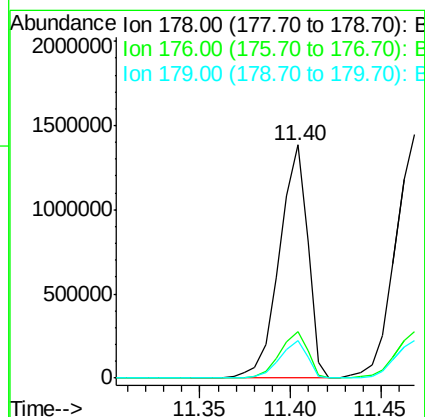
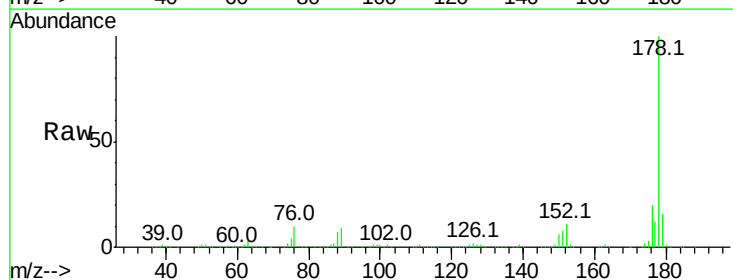
Instrument :
 BNA_F
 ClientSampleId :

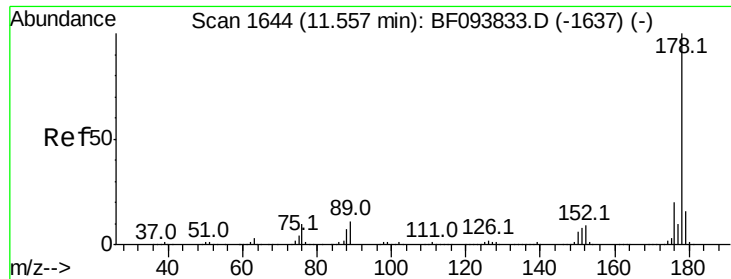
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.1	76.7
264	64.5	51.7	77.5



#70
 Phenanthrene
 Concen: 47.72 ng
 RT: 11.40 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	16.0	12.6	19.0

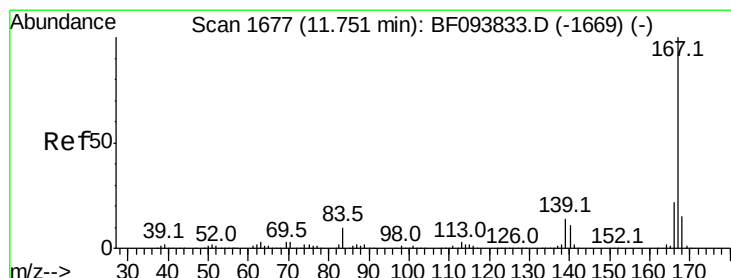
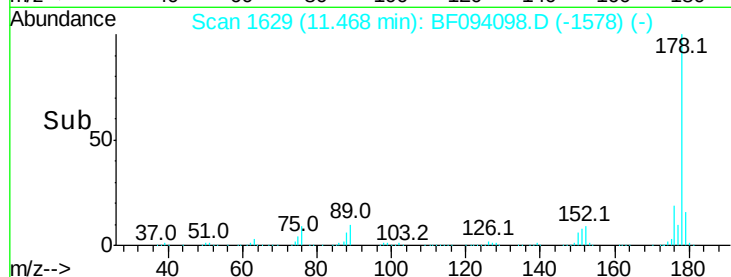
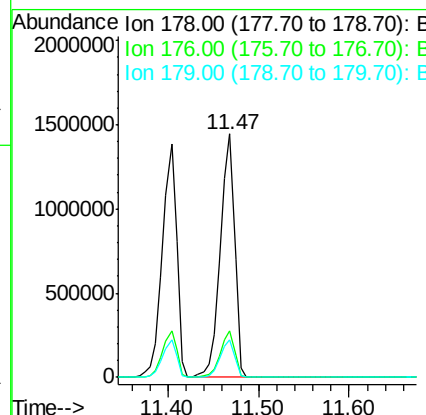
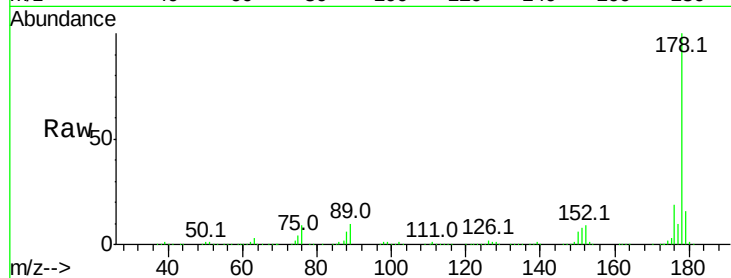




#71
 Anthracene
 Concen: 48.31 ng
 RT: 11.47 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

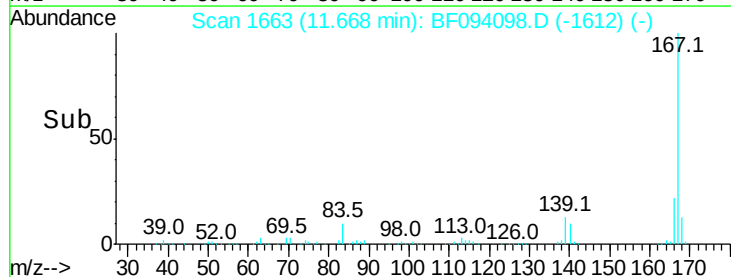
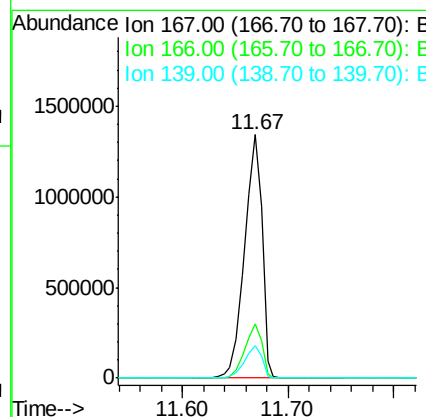
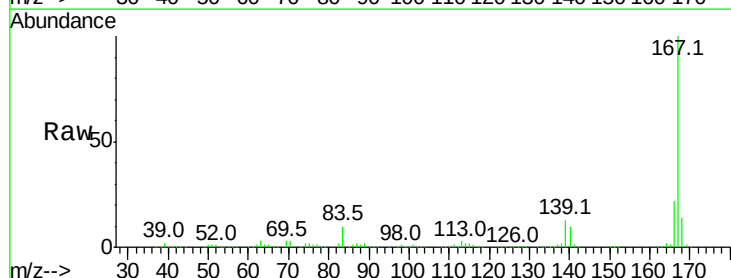
Instrument :
 BNA_F
 ClientSampleId :

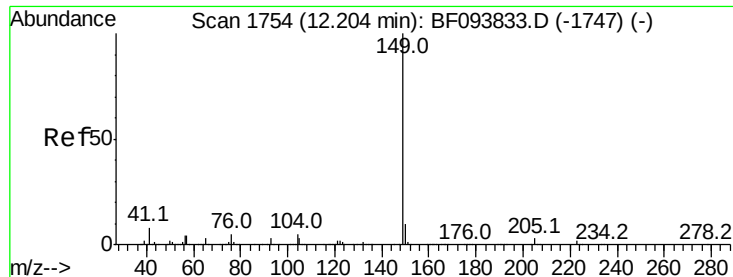
Tot Ion:178 Resp: 1576483
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 45.32 ng
 RT: 11.67 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

Tgt Ion:167 Resp: 1516346
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.1 11.7 17.5





#73

Di-n-butylphthalate

Concen: 49.49 ng

RT: 12.12 min Scan# 1739

Delta R.T. -0.00 min

Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

Instrument :

BNA_F

ClientSampleId :

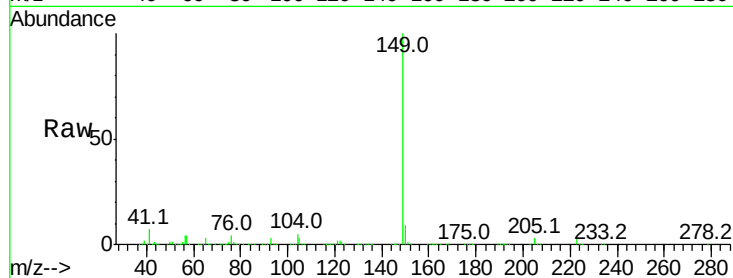
Tot Ion:149 Resp: 1721943

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

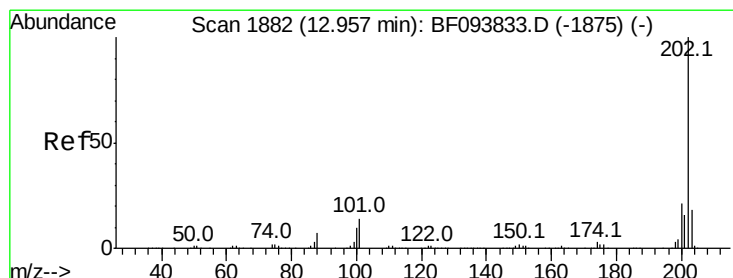
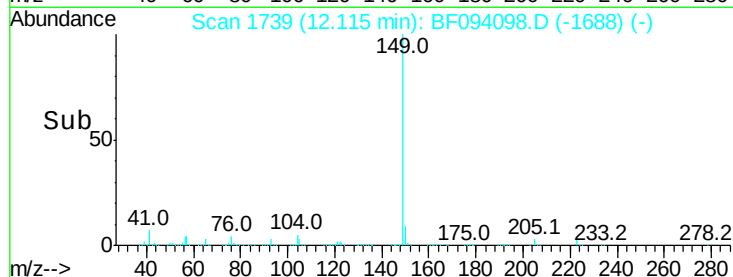
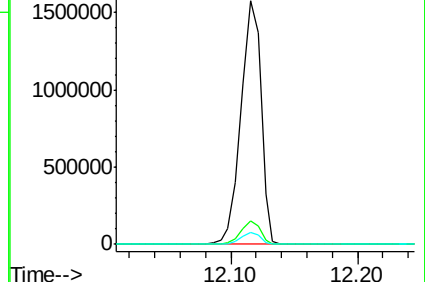
104 4.7 4.0 6.0



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: 47.49 ng

RT: 12.86 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

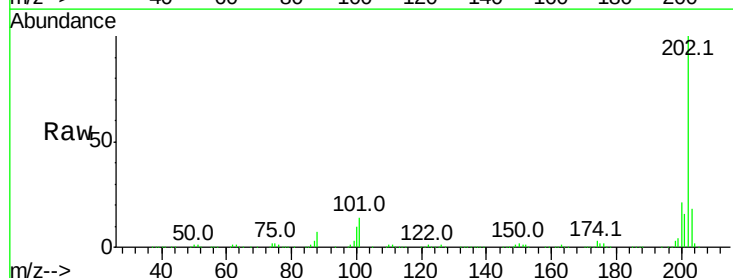
Tgt Ion:202 Resp: 1541221

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.2

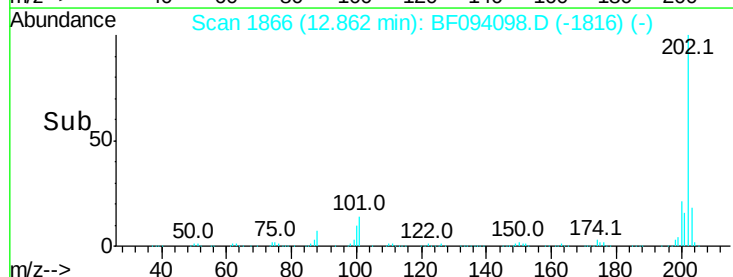
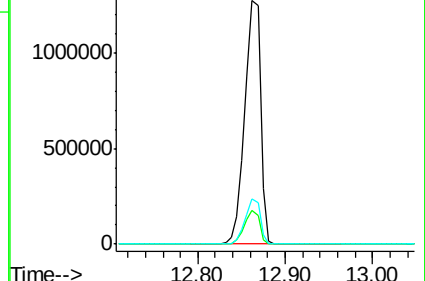
203 18.4 0.0 38.1

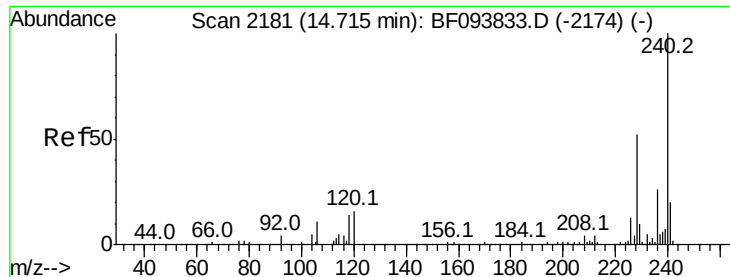


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.63 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

Instrument :

BNA_F

ClientSampleId :

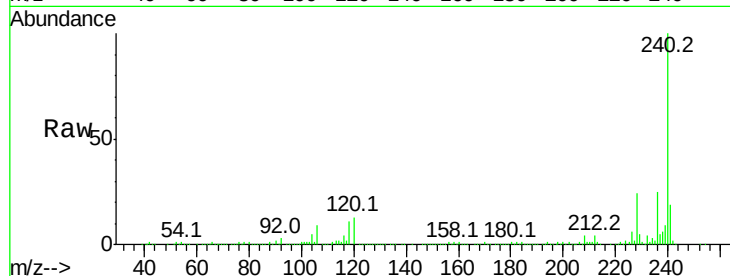
Tot Ion:240 Resp: 420384

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

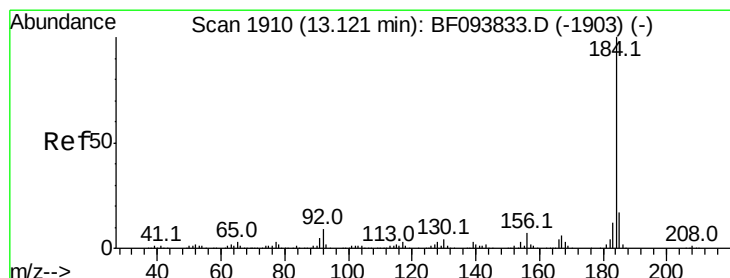
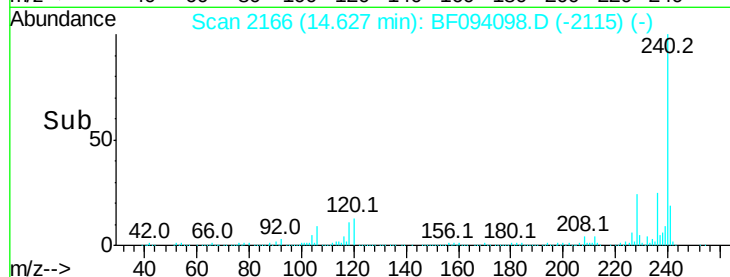
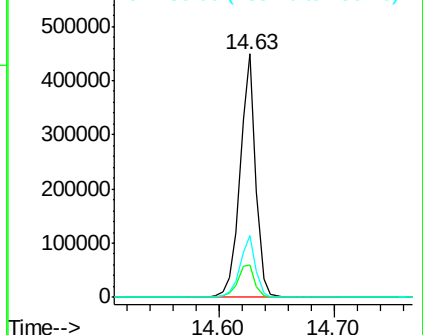
236 25.3 20.5 30.7



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: 2.81 ng

RT: 13.03 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

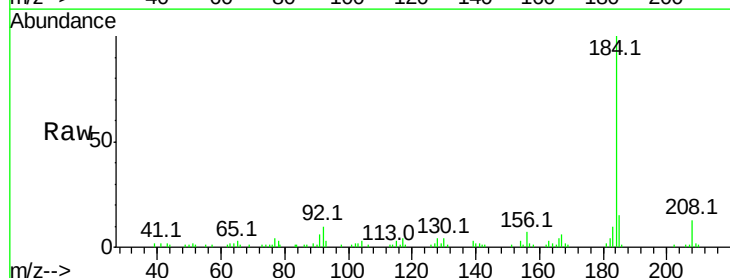
Tgt Ion:184 Resp: 46805

Ion Ratio Lower Upper

184 100

185 14.9 15.5 23.3#

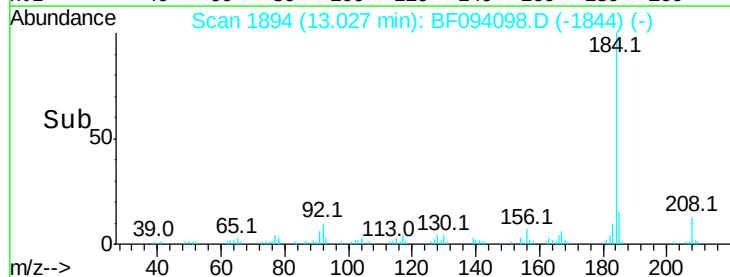
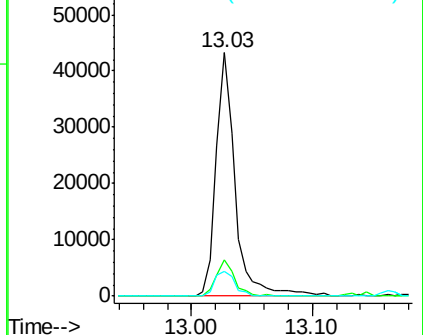
183 10.3 9.8 14.6

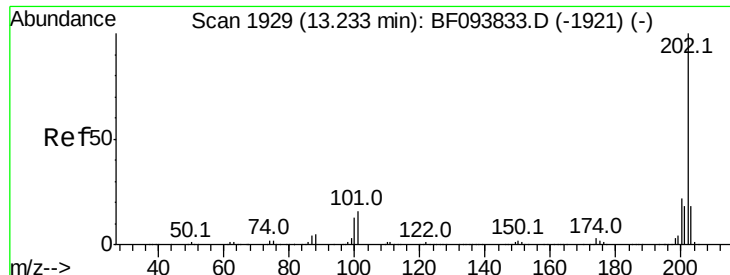


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

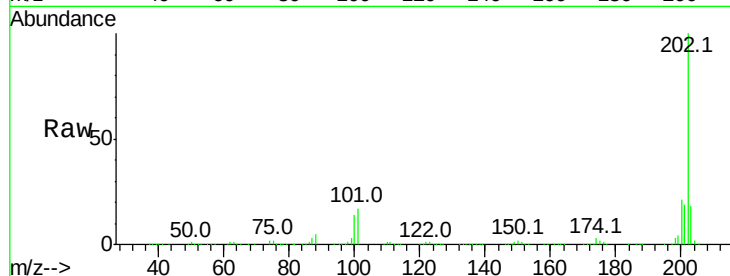




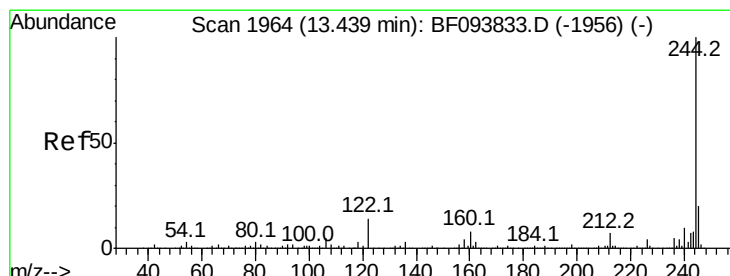
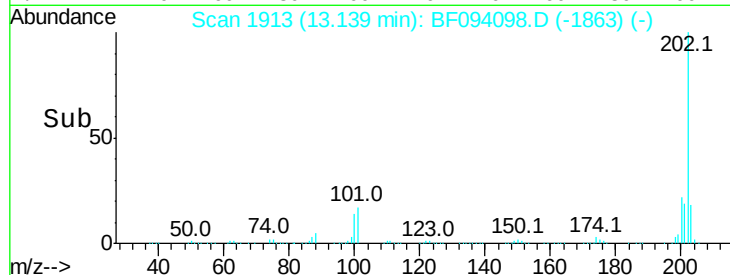
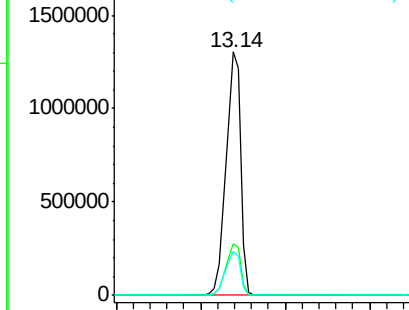
#77
 Pvrene
 Concen: 50.82 ng
 RT: 13.14 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1550479
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.6 26.4
 203 18.0 14.4 21.6

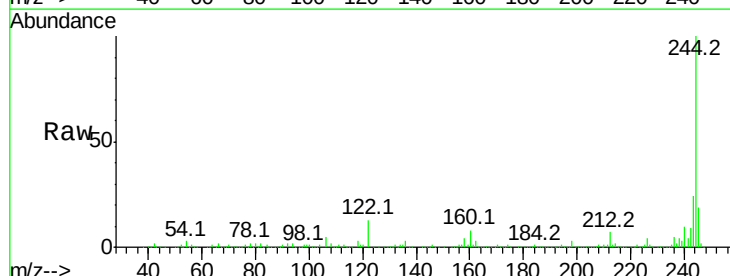


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

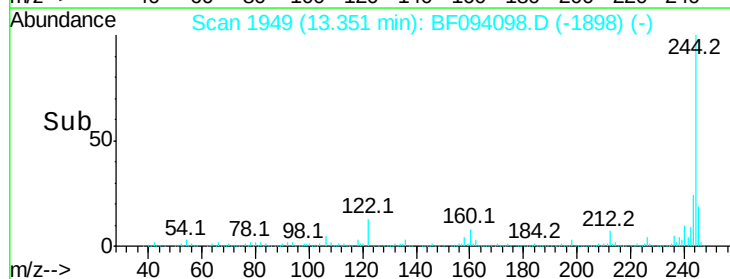
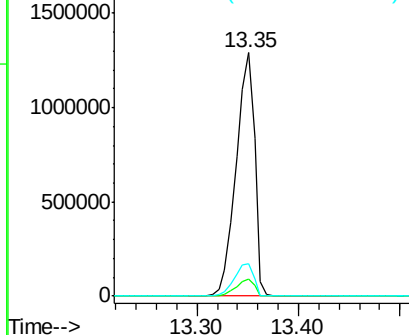


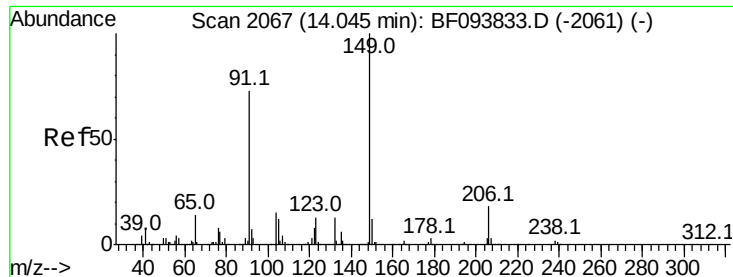
#78
 Terphenyl-d14
 Concen: 87.48 ng
 RT: 13.35 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

Tgt Ion:244 Resp: 1640674
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.3 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 55.92 ng

RT: 13.96 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

Instrument :

BNA_F

ClientSampled :

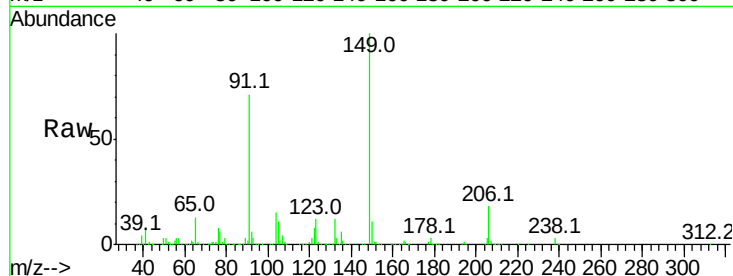
Tot Ion:149 Resp: 726893

Ion Ratio Lower Upper

149 100

91 70.6 45.0 67.4#

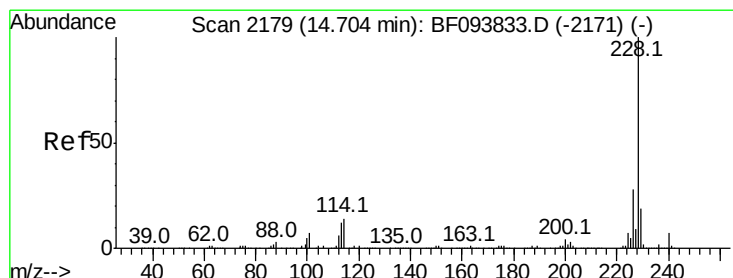
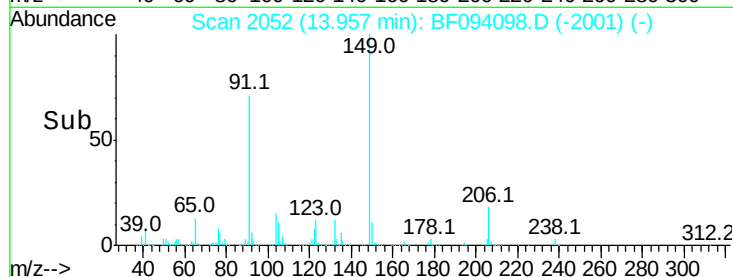
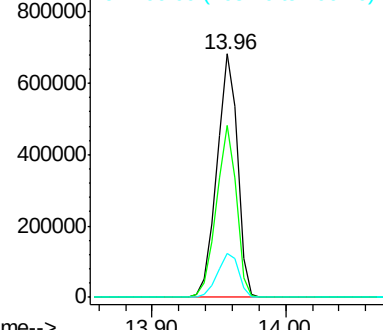
206 17.9 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 48.63 ng

RT: 14.62 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

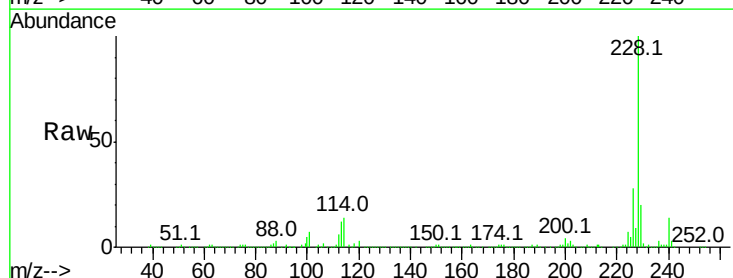
Tgt Ion:228 Resp: 1192081

Ion Ratio Lower Upper

228 100

226 28.4 22.6 33.8

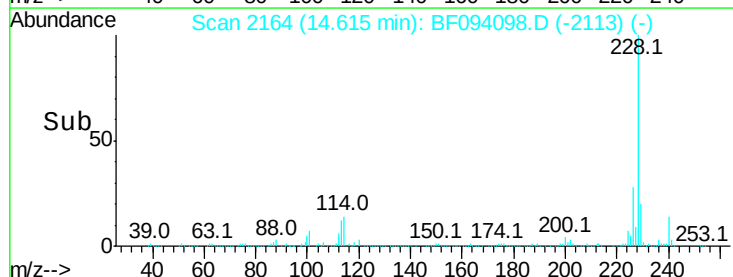
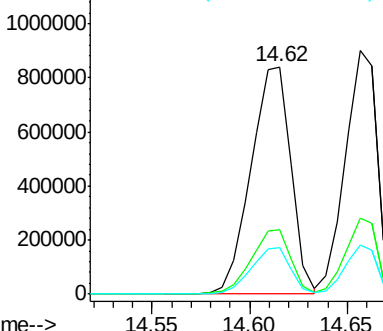
229 20.3 16.3 24.5

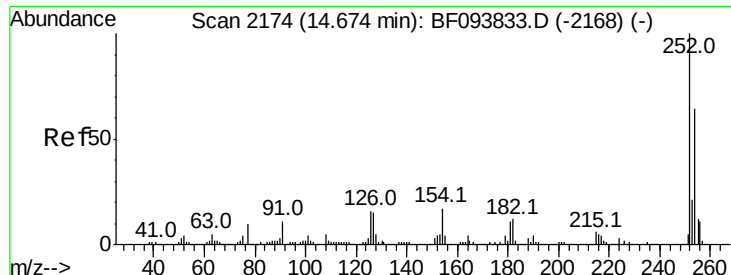


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

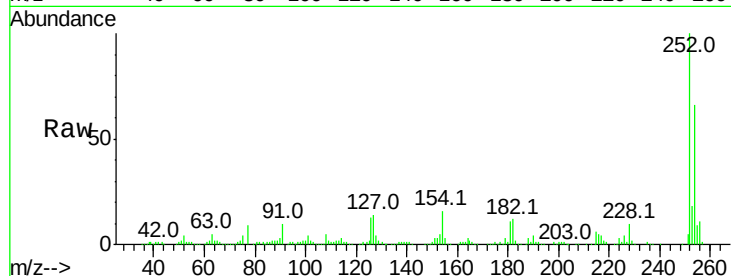




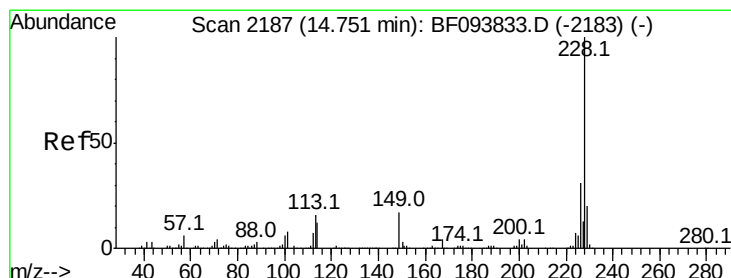
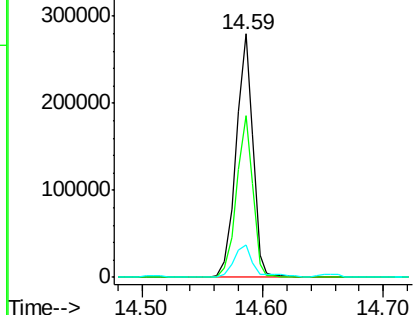
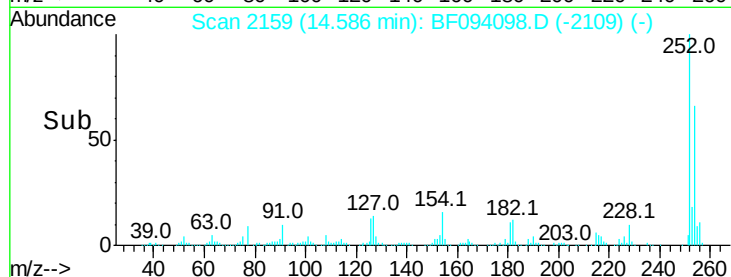
#81
 3,3'-Dichlorobenzidine
 Concen: 31.00 ng
 RT: 14.59 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 271620
 Ion Ratio Lower Upper
 252 100
 254 66.5 51.5 77.3
 126 13.1 15.8 23.8#

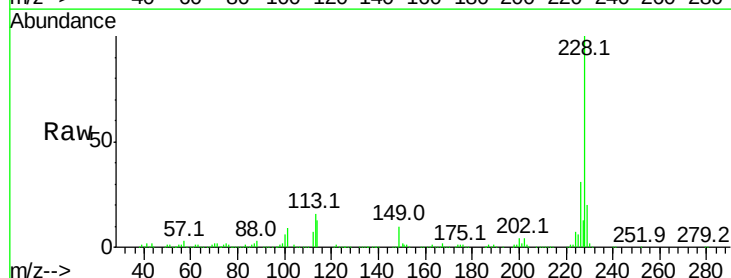


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

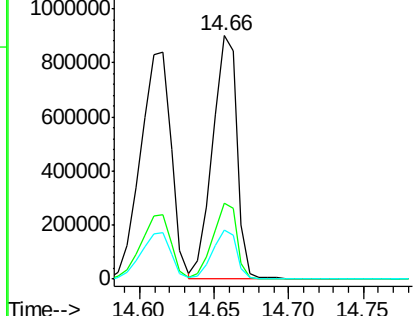
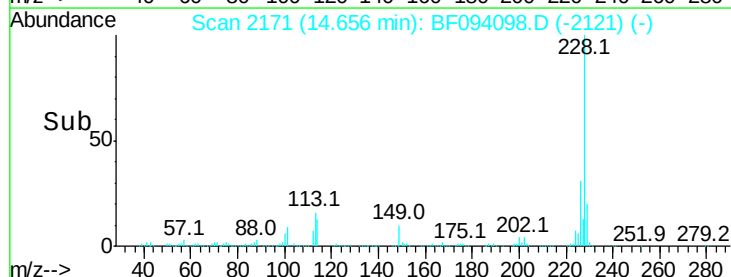


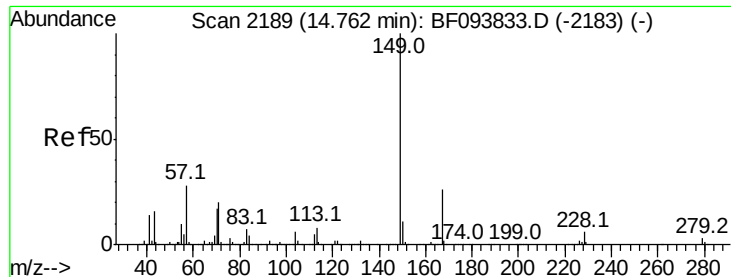
#82
 Chrysene
 Concen: 45.33 ng
 RT: 14.66 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

Tgt Ion:228 Resp: 1031299
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 20.3 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

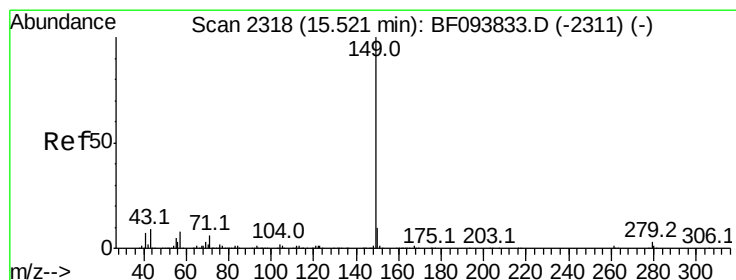
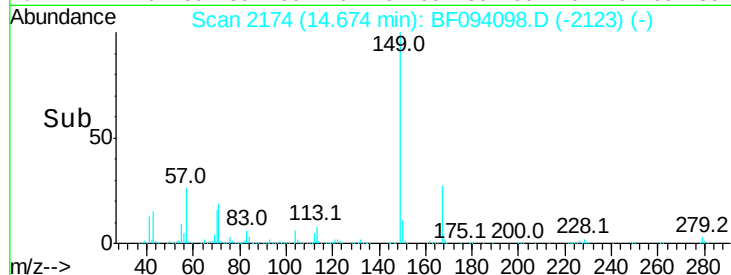
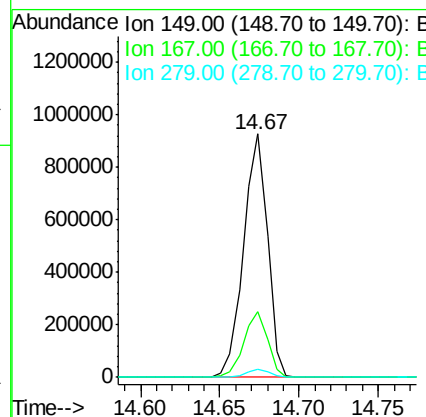
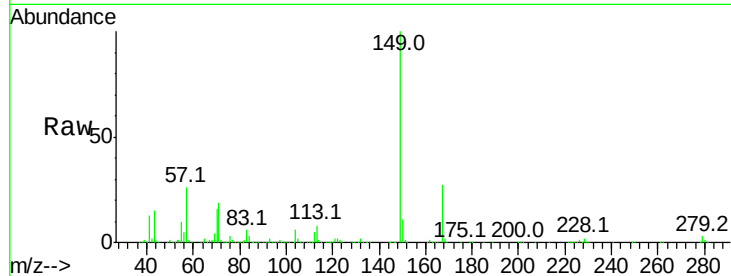




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.70 ng
 RT: 14.67 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

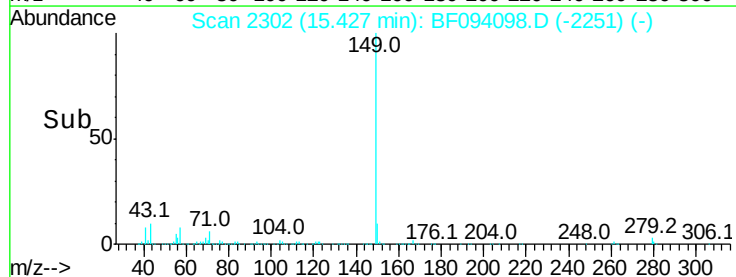
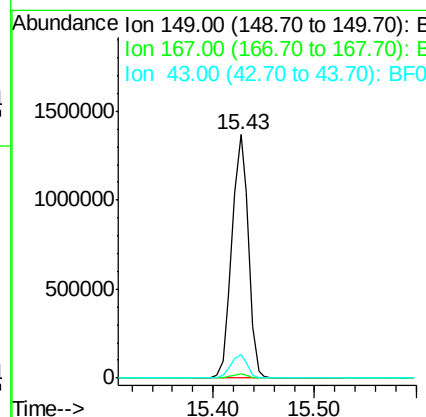
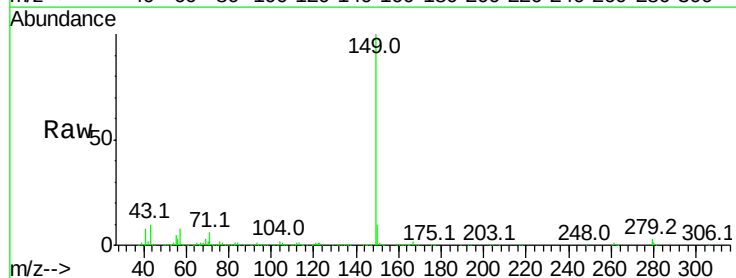
Instrument :
 BNA_F
 ClientSampleId :

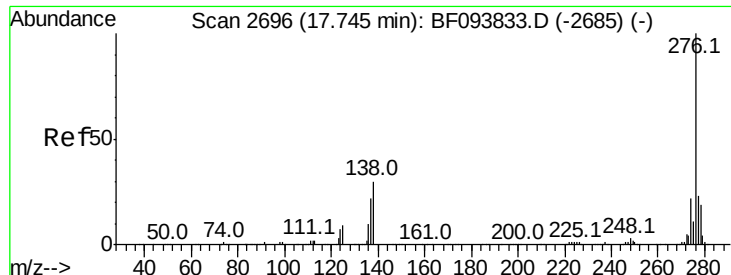
Tot Ion:149 Resp: 970076
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.0 31.4
 279 3.2 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 52.26 ng
 RT: 15.43 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

Tgt Ion:149 Resp: 1548221
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.5 8.5 12.7

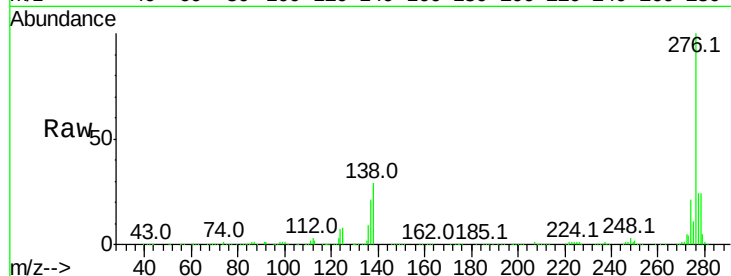




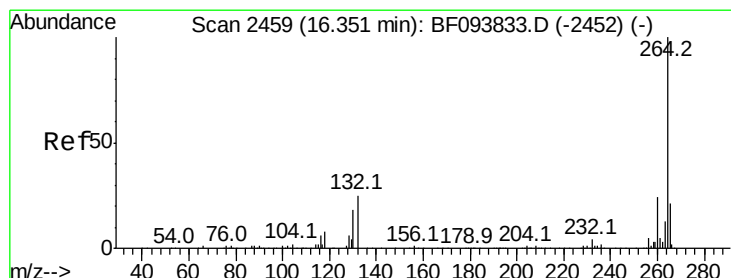
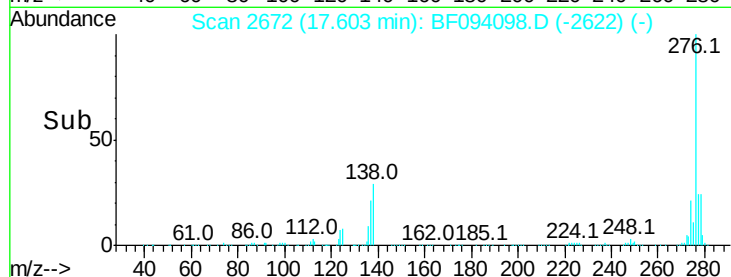
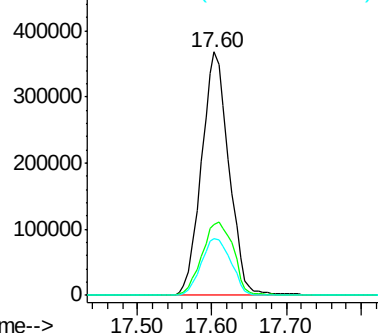
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.87 ng
 RT: 17.60 min Scan# 2672
 Delta R.T. -0.01 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.5	27.8	41.6
277	25.6	20.2	30.4

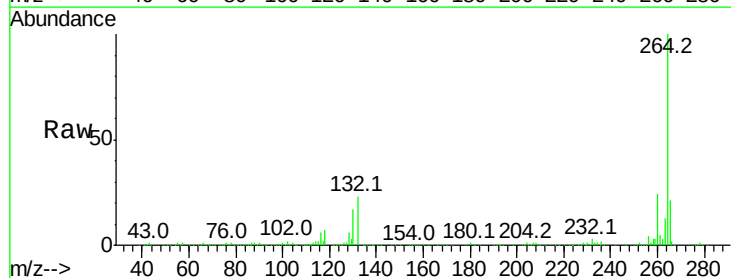


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

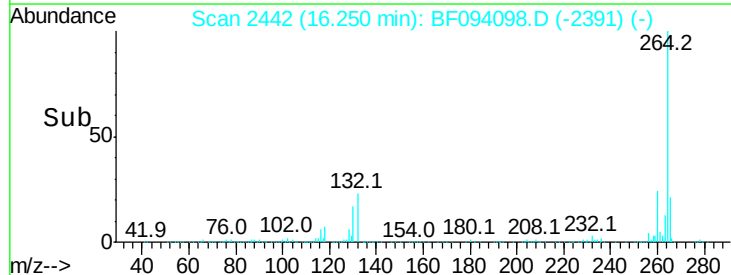
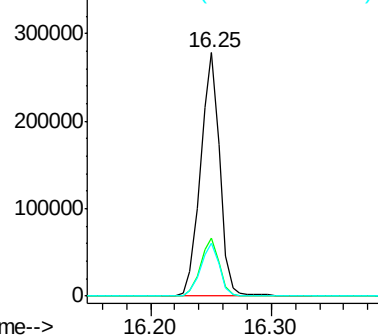


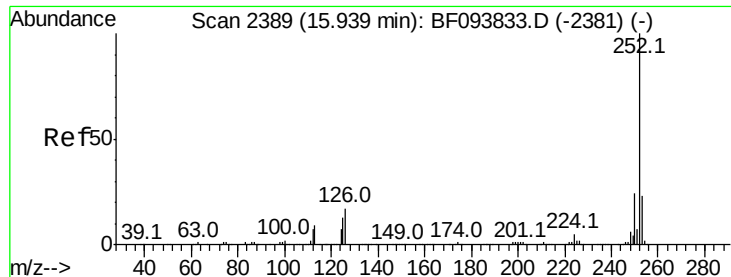
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.25 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.5	17.2	25.8



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





#87

Benzo(b)fluoranthene

Concen: 50.78 ng

RT: 15.84 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

Instrument :

BNA_F

ClientSampleId :

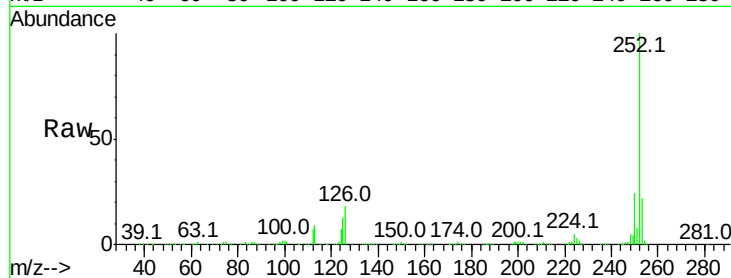
Tot Ion:252 Resp: 953373

Ion Ratio Lower Upper

252 100

253 21.6 18.1 27.1

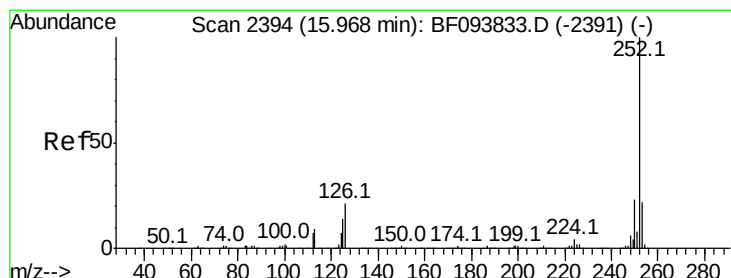
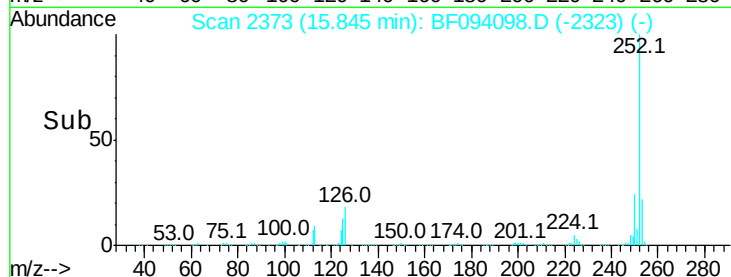
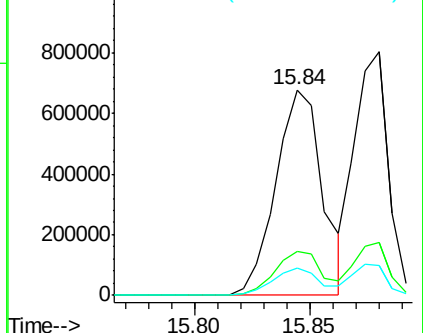
125 13.4 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 51.90 ng

RT: 15.84 min Scan# 2373

Delta R.T. -0.04 min

Lab File: BF094098.D

Acq: 31 Mar 2017 16:11

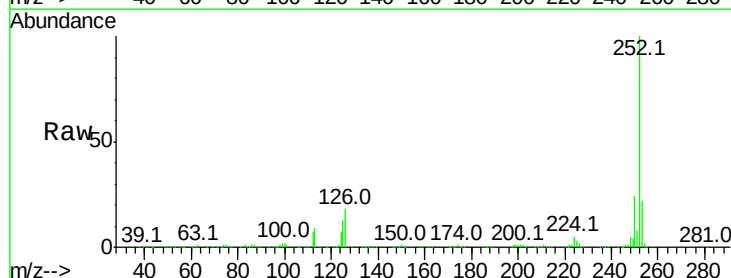
Tgt Ion:252 Resp: 953373

Ion Ratio Lower Upper

252 100

253 21.6 18.4 27.6

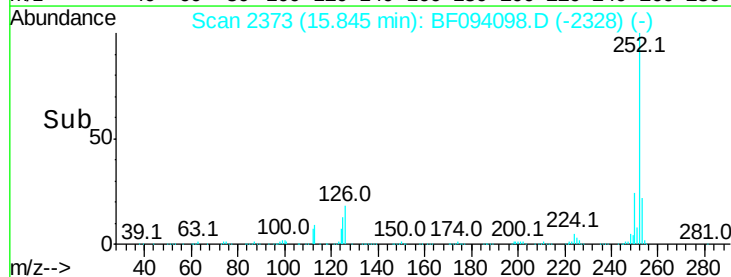
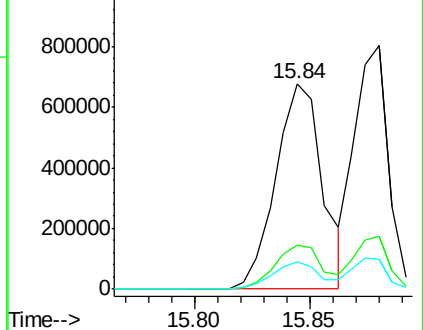
125 13.4 13.1 19.7

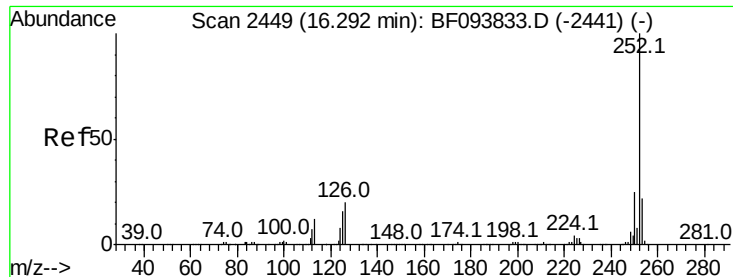


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

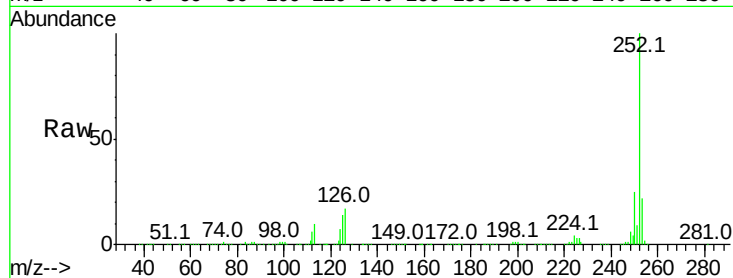




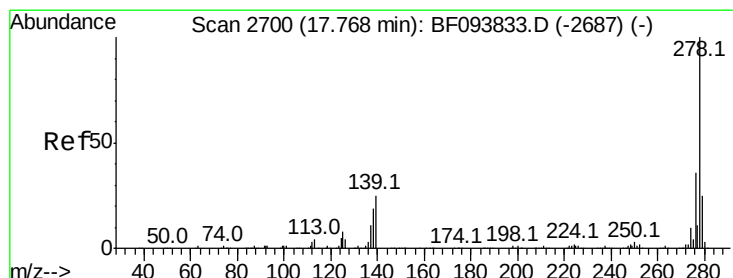
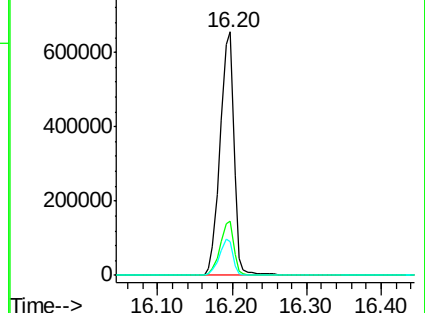
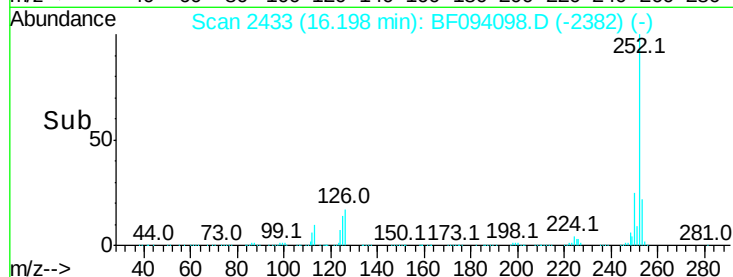
#89
Benzo(a)pyrene
Concen: 48.91 ng
RT: 16.20 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BF094098.D
Acq: 31 Mar 2017 16:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 845641
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 13.6 11.0 16.4

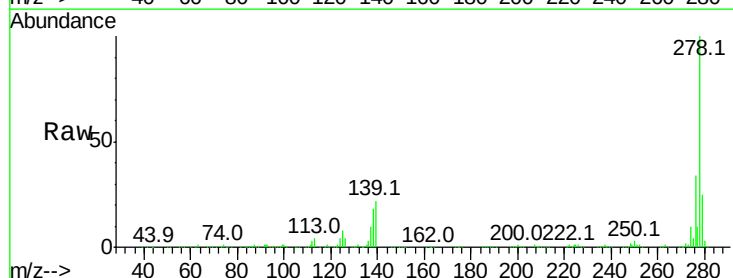


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

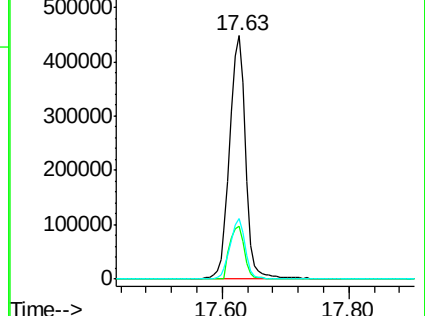
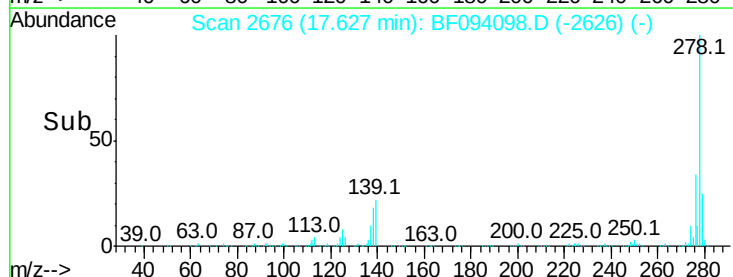


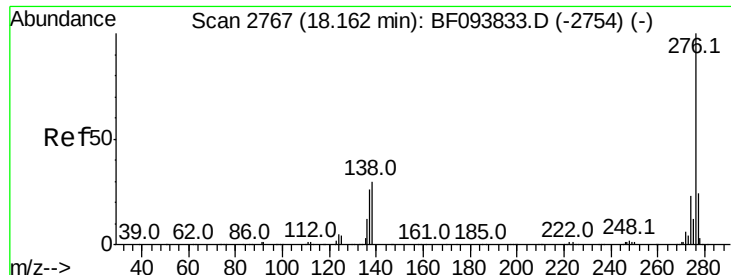
#90
Dibenzo(a,h)anthracene
Concen: 53.26 ng
RT: 17.63 min Scan# 2676
Delta R.T. -0.01 min
Lab File: BF094098.D
Acq: 31 Mar 2017 16:11

Tgt Ion:278 Resp: 779776
Ion Ratio Lower Upper
278 100
139 22.0 16.6 24.8
279 24.6 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

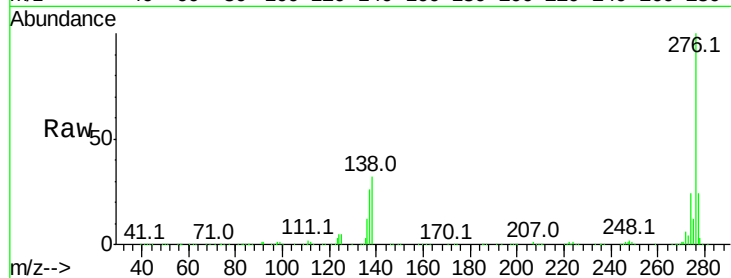




#91
 Benzo(a,h,i)perylene
 Concen: 54.31 ng
 RT: 18.00 min Scan# 2740
 Delta R.T. -0.01 min
 Lab File: BF094098.D
 Acq: 31 Mar 2017 16:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	31.6	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

