

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
 Data File : BF094537.D
 Acq On : 20 Apr 2017 11:47
 Operator : SJ/MA
 Sample : PB98356BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 17:26:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	114691	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	451402	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	205085	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	388100	20.00	ng	0.00
75) Chrysene-d12	14.47	240	290844	20.00	ng	0.00
86) Perylene-d12	16.08	264	220336	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	864104	125.00	ng	0.02
7) Phenol-d6	5.40	99	1053029	129.21	ng	0.00
23) Nitrobenzene-d5	6.42	82	651773	89.16	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	238692	148.80	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1219648	87.50	ng	0.00
78) Terphenyl-d14	13.19	244	1170434	107.57	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.11	88	107405	26.72	ng	97
3) Pyridine	2.64	79	311262	35.42	ng	99
4) n-Nitrosodimethylamine	2.58	42	147515	40.57	ng	90
6) Aniline	5.40	93	322905	29.81	ng	# 80
8) 2-Chlorophenol	5.54	128	335570	42.66	ng	93
9) Benzaldehyde	5.27	77	52046	8.40	ng	97
10) Phenol	5.41	94	402390	40.19	ng	97
11) bis(2-Chloroethyl)ether	5.48	93	316566	43.28	ng	93
12) 1,3-Dichlorobenzene	5.70	146	347844	39.91	ng	99
13) 1,4-Dichlorobenzene	5.79	146	355617	40.56	ng	98
14) 1,2-Dichlorobenzene	5.96	146	327621	40.56	ng	98
15) Benzyl Alcohol	5.95	79	252211	41.72	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.10	45	398705	41.58	ng	78
17) 2-Methylphenol	6.09	107	263399	42.51	ng	94
18) Hexachloroethane	6.35	117	122507	40.76	ng	# 85
19) n-Nitroso-di-n-propylamine	6.25	70	234581	43.44	ng	97
20) 3+4-Methylphenols	6.27	107	368408	43.76	ng	# 62
22) Acetophenone	6.24	105	466451	42.50	ng	# 85
24) Nitrobenzene	6.44	77	330385	42.92	ng	92
25) Isophorone	6.73	82	595260	43.93	ng	# 94
26) 2-Nitrophenol	6.81	139	187448	45.32	ng	98
27) 2,4-Dimethylphenol	6.89	122	295473	43.98	ng	98
28) bis(2-Chloroethoxy)methane	6.99	93	382500	43.64	ng	99
29) 2,4-Dichlorophenol	7.11	162	281918	45.11	ng	99
30) 1,2,4-Trichlorobenzene	7.20	180	275360	42.62	ng	96
31) Naphthalene	7.29	128	920117	42.40	ng	100
32) Benzoic acid	7.07	122	180341	50.76	ng	95
33) 4-Chloroaniline	7.37	127	91590	10.15	ng	# 92
34) Hexachlorobutadiene	7.44	225	138713	43.06	ng	99
35) Caprolactam	7.83	113	55460	28.25	ng	94
36) 4-Chloro-3-methylphenol	8.00	107	303251	46.30	ng	89
37) 2-Methylnaphthalene	8.13	142	645192	43.46	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	247415	42.37	ng	99
40) Hexachlorocyclopentadiene	8.32	237	239833	101.52	ng	99

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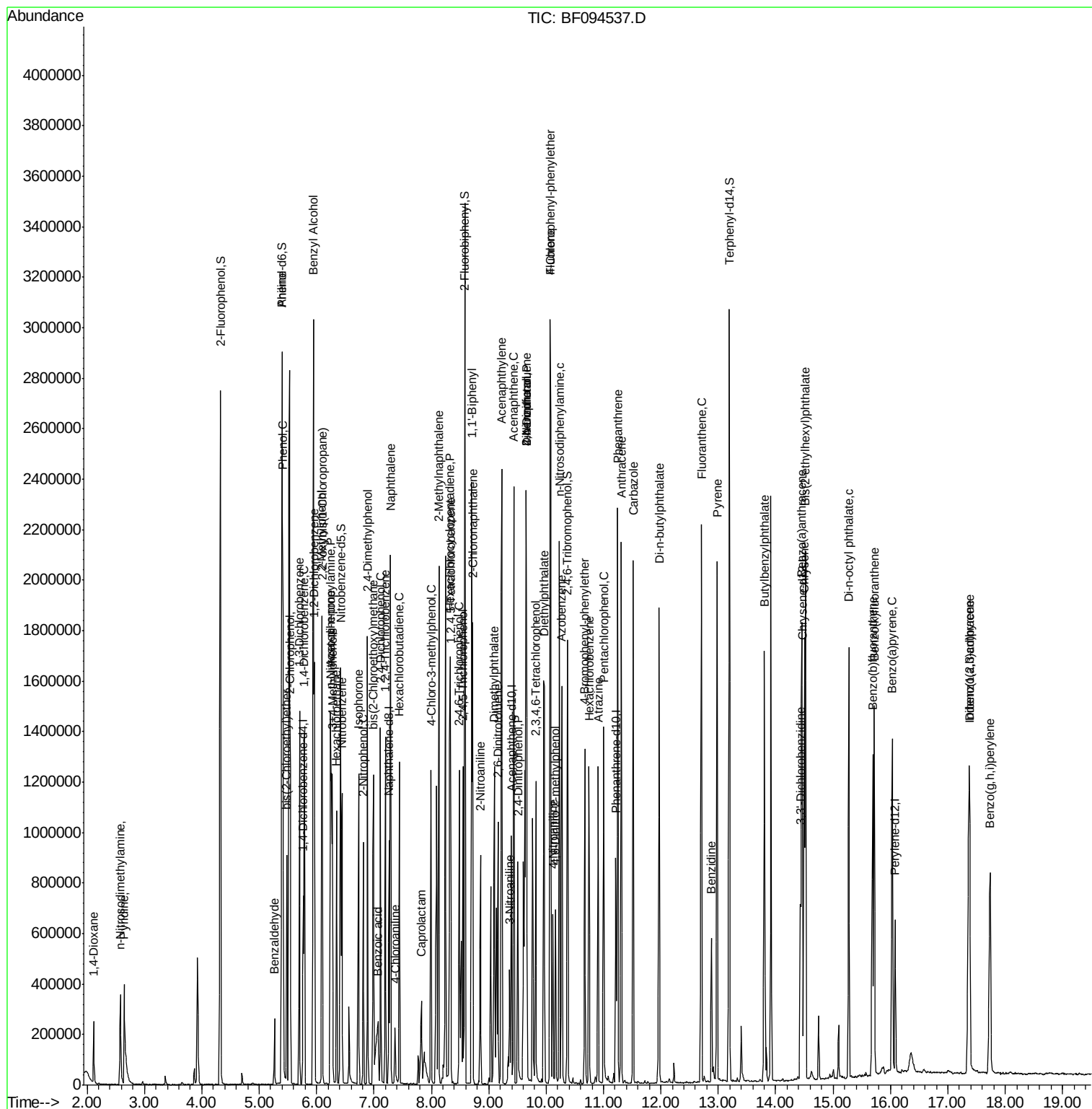
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	188246	45.90	nq	97
43) 2,4,5-Trichlorophenol	8.55	196	198150	47.05	nq	# 92
45) 1,1'-Biphenyl	8.70	154	724621	43.25	nq	97
46) 2-Chloronaphthalene	8.72	162	583072	43.76	nq	95
47) 2-Nitroaniline	8.85	65	175323	45.74	nq	# 85
48) Acenaphthylene	9.22	152	906758	43.66	nq	98
49) Dimethylphthalate	9.10	163	726668	47.55	nq	99
50) 2,6-Dinitrotoluene	9.17	165	163892	47.77	nq	98
51) Acenaphthene	9.44	154	549652	44.18	nq	100
52) 3-Nitroaniline	9.37	138	93155	23.47	nq	86
53) 2,4-Dinitrophenol	9.51	184	146807	78.95	nq	# 68
54) Dibenzofuran	9.65	168	819543	45.33	nq	98
55) 4-Nitrophenol	9.65	139	557770	198.92	nq	# 31
56) 2,4-Dinitrotoluene	9.66	165	211323	50.20	nq	# 84
57) Fluorene	10.07	166	649264	46.11	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	149310	49.46	nq	96
59) Diethylphthalate	9.96	149	709477	49.20	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	280534	47.88	nq	93
61) 4-Nitroaniline	10.12	138	164848	40.86	nq	98
62) Azobenzene	10.27	77	662353	47.31	nq	96
64) 4,6-Dinitro-2-methylphenol	10.17	198	110179	43.33	nq	# 63
65) n-Nitrosodiphenylamine	10.23	169	604541	44.79	nq	98
66) 4-Bromophenyl-phenylether	10.68	248	175740	45.60	nq	96
67) Hexachlorobenzene	10.75	284	174172	44.85	nq	# 88
68) Atrazine	10.91	200	185410	45.92	nq	95
69) Pentachlorophenol	11.00	266	165903	107.58	nq	98
70) Phenanthrene	11.25	178	973573	44.55	nq	99
71) Anthracene	11.31	178	1017069	44.99	nq	99
72) Carbazole	11.52	167	937751	44.20	nq	98
73) Di-n-butylphthalate	11.97	149	1174330	50.27	nq	99
74) Fluoranthene	12.71	202	1021670	45.11	nq	99
76) Benzidine	12.88	184	259151	22.01	nq	# 91
77) Pyrene	12.98	202	1015928	50.00	nq	100
79) Butylbenzylphthalate	13.80	149	489892	55.01	nq	# 85
80) Benzo(a)anthracene	14.45	228	779145	46.09	nq	100
81) 3,3'-Dichlorobenzidine	14.43	252	171163	28.60	nq	# 96
82) Chrysene	14.50	228	712115	46.09	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	677940	56.70	nq	# 99
84) Di-n-octyl phthalate	15.27	149	1018503	50.78	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	659220	44.85	nq	99
87) Benzo(b)fluoranthene	15.69	252	632356	46.92	nq	98
88) Benzo(k)fluoranthene	15.72	252	576896	45.23	nq	95
89) Benzo(a)pyrene	16.03	252	575215	45.87	nq	98
90) Dibenzo(a,h)anthracene	17.38	278	536193	51.50	nq	97
91) Benzo(g,h,i)perylene	17.74	276	566056	53.40	nq	99

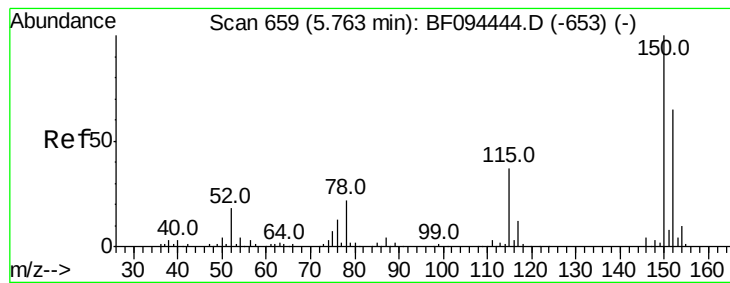
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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ALS Vial  : 3      Sample Multiplier: 1
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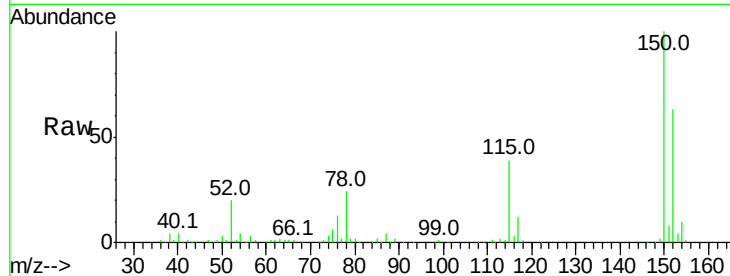


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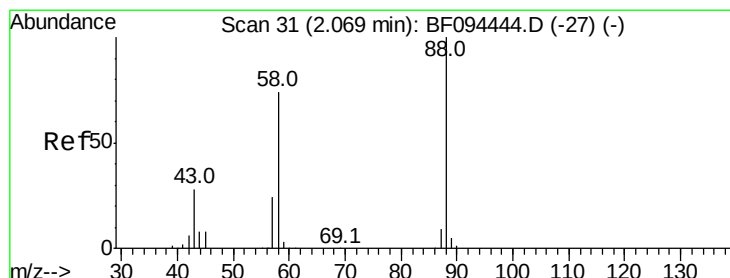
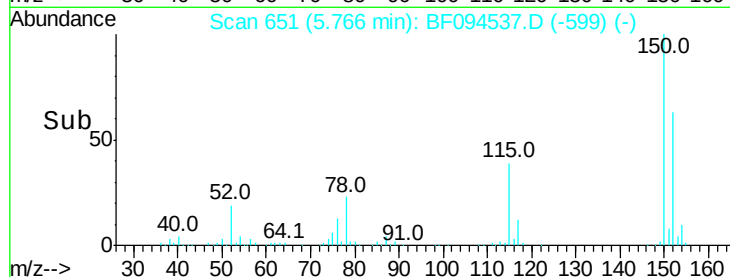
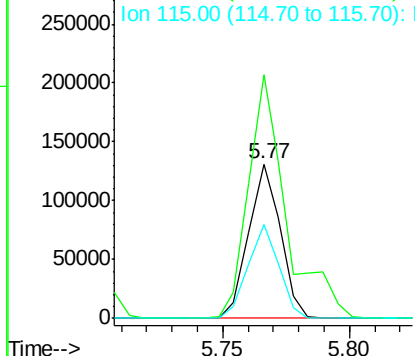
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 114691
Ion Ratio Lower Upper
152 100
150 157.8 126.2 189.2
115 61.1 52.2 78.2



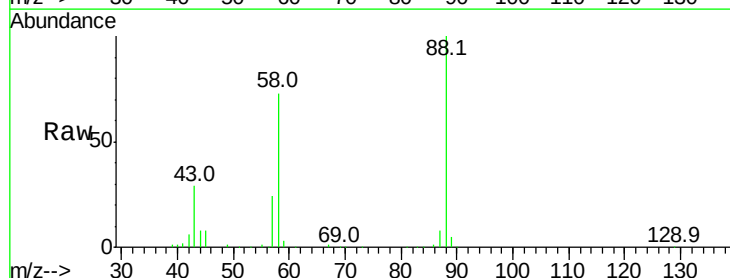
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



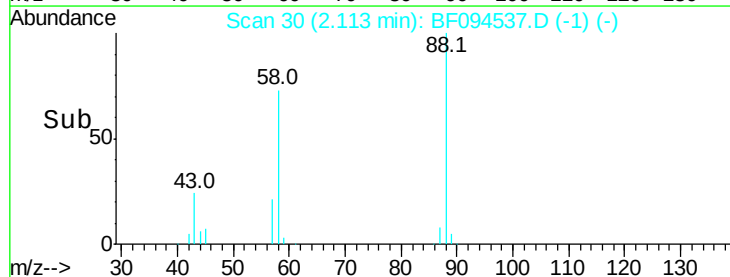
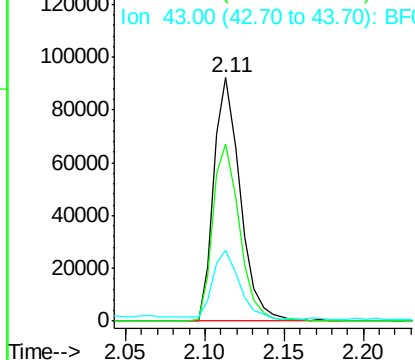
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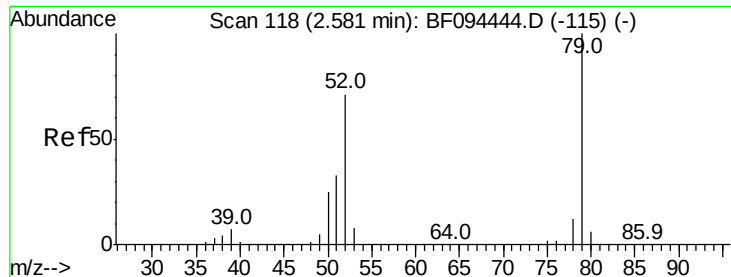
1,4-Dioxane
Concen: 26.72 ng
RT: 2.11 min Scan# 30
Delta R.T. 0.04 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion: 88 Resp: 107405
Ion Ratio Lower Upper
88 100
58 73.7 61.4 92.0
43 28.2 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

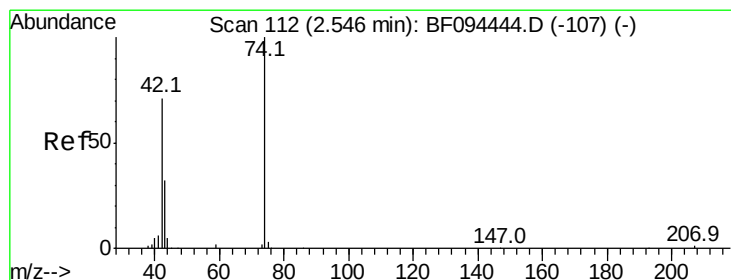
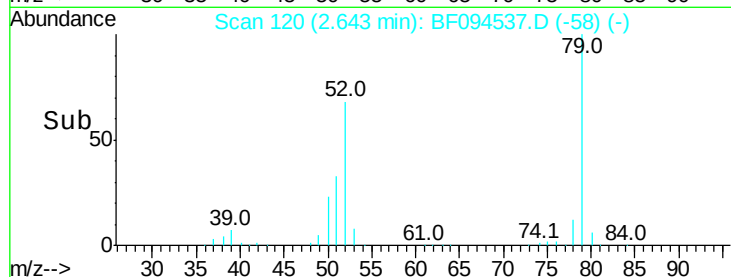
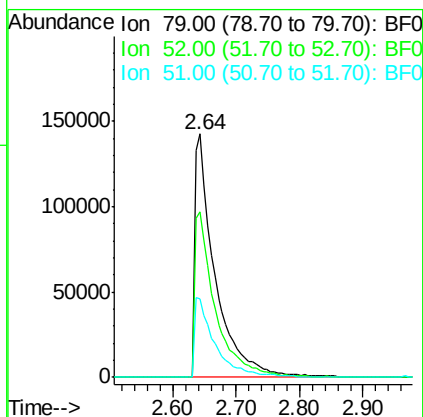
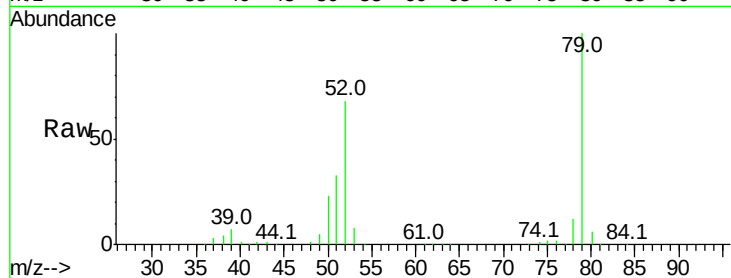




#3
 Pvridine
 Concen: 35.42 ng
 RT: 2.64 min Scan# 120
 Delta R.T. 0.06 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

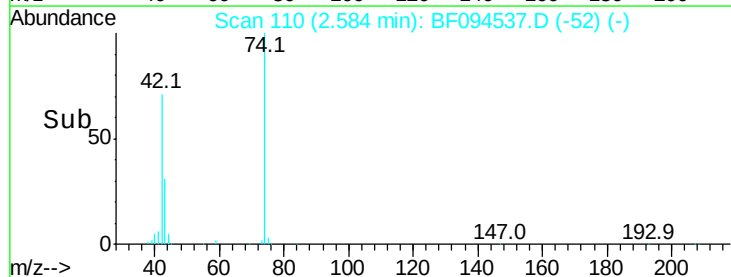
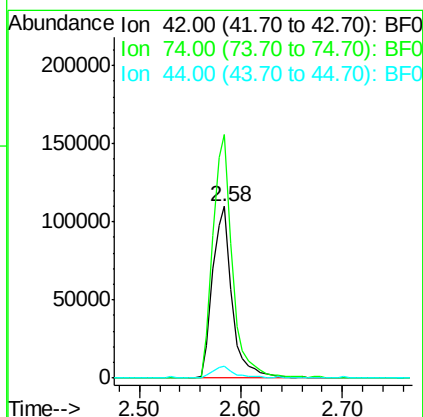
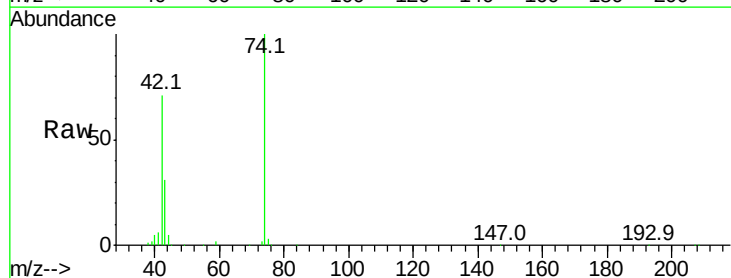
Instrument :
 BNA_F
 ClientSampleId :

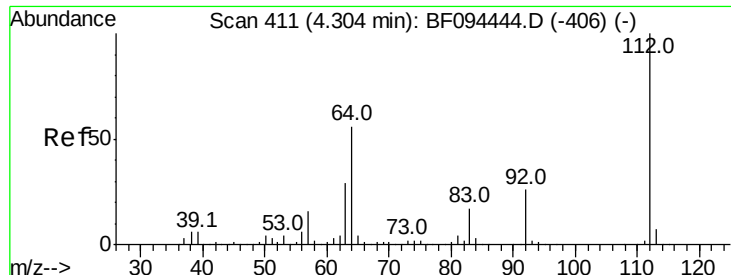
Tot Ion: 79 Resp: 311262
 Ion Ratio Lower Upper
 79 100
 52 68.2 54.8 82.2
 51 32.5 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 40.57 ng
 RT: 2.58 min Scan# 110
 Delta R.T. 0.04 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Tgt Ion: 42 Resp: 147515
 Ion Ratio Lower Upper
 42 100
 74 141.6 103.9 155.9
 44 7.3 5.7 8.5





#5

2-Fluorophenol

Concen: 125.00 ng

RT: 4.32 min Scan# 406

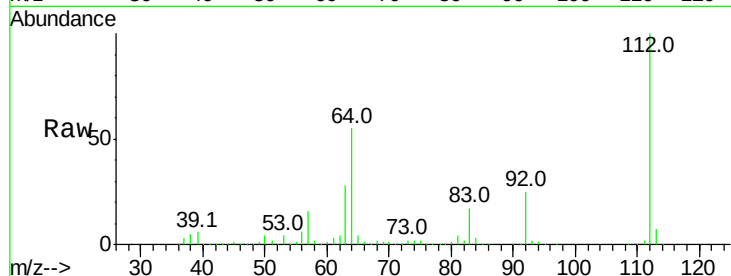
Delta R.T. 0.02 min

Lab File: BF094537.D

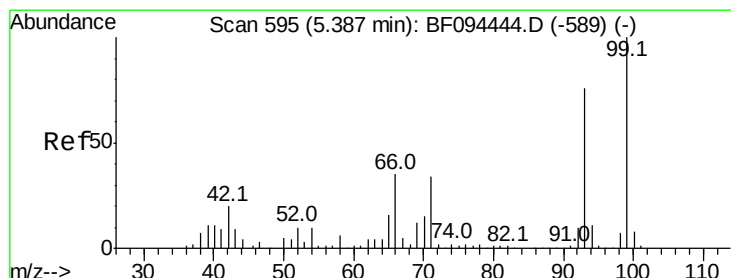
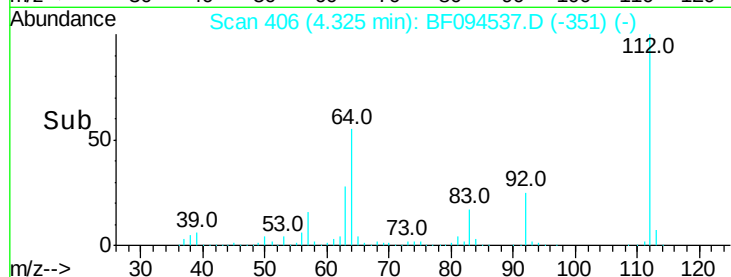
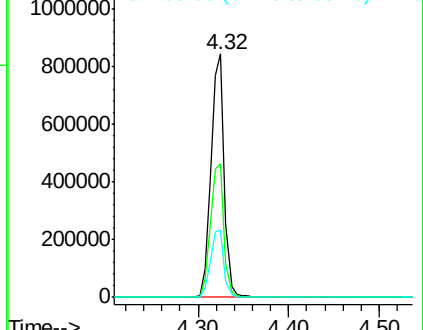
Acq: 20 Apr 2017 11:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	864104
Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.0	69.0
63	27.6	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 29.81 ng

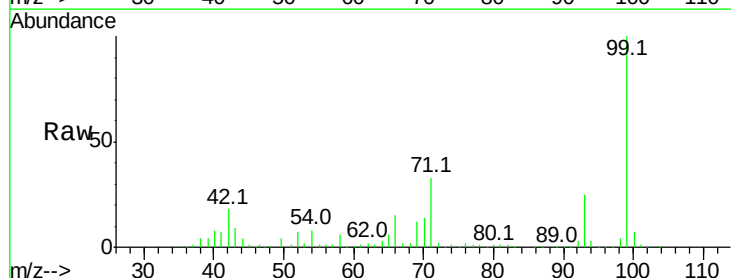
RT: 5.40 min Scan# 588

Delta R.T. 0.01 min

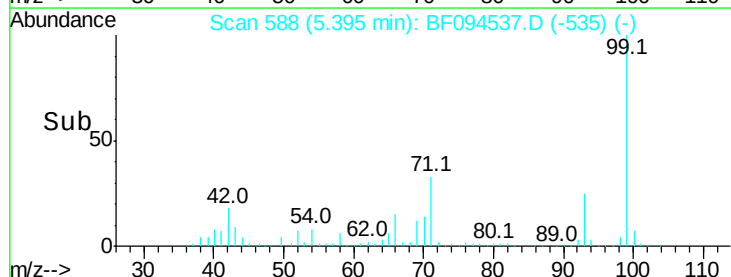
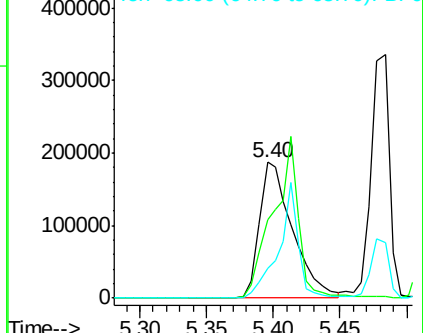
Lab File: BF094537.D

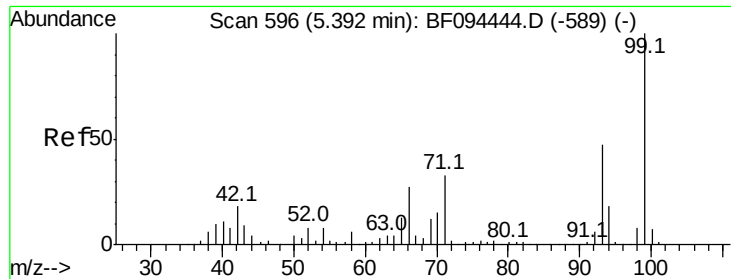
Acq: 20 Apr 2017 11:47

Tgt Ion:	93	Resp:	322905
Ion	Ratio	Lower	Upper
93	100		
66	58.1	32.9	49.3#
65	22.1	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 129.21 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

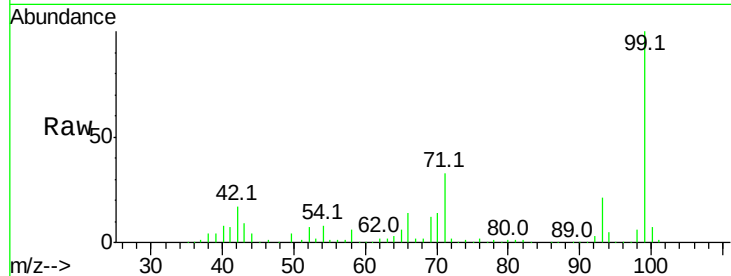
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1053029

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.5	20.3
71	33.2	24.5	36.7

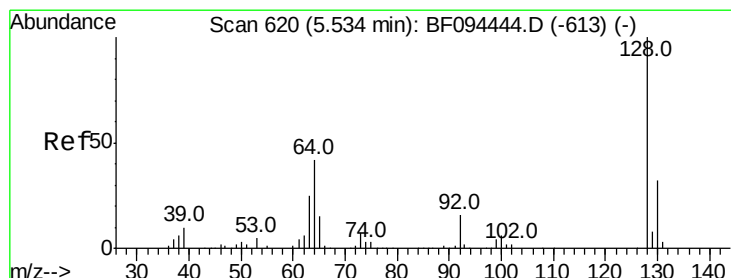
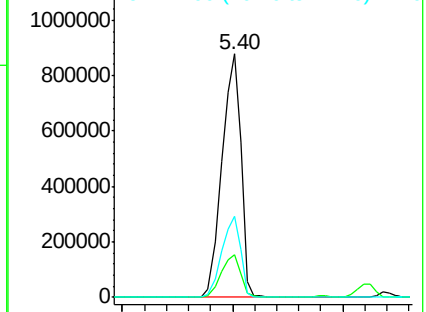
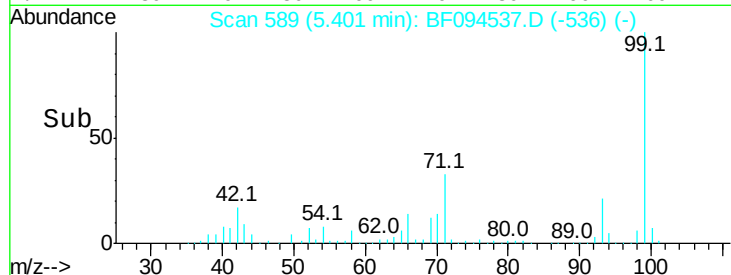


Abundance

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: 42.66 ng

RT: 5.54 min Scan# 613

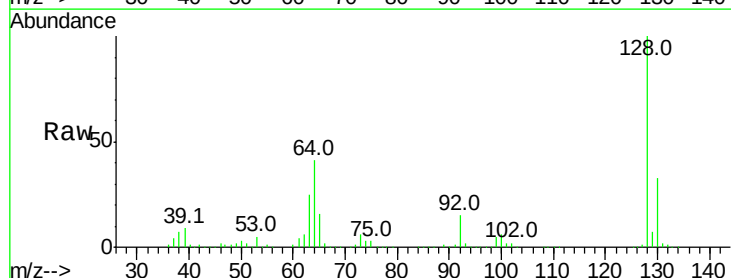
Delta R.T. 0.01 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Tgt Ion: 128 Resp: 335570

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.9	52.9
64	41.2	28.4	68.4

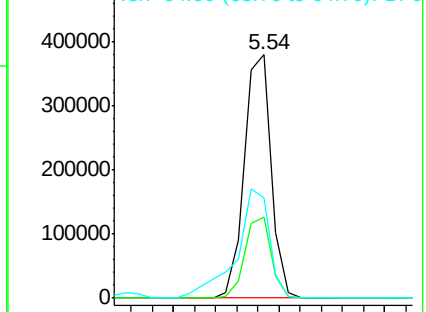
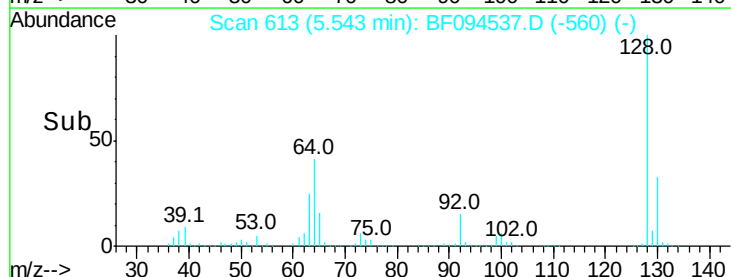


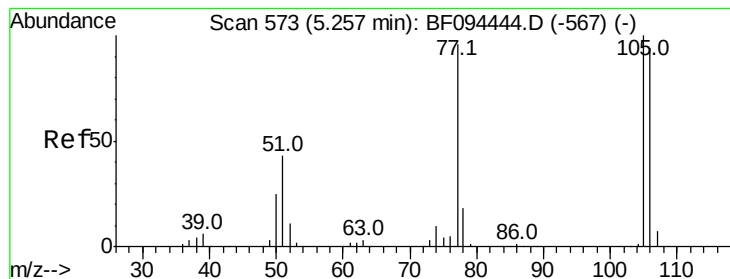
Abundance

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: 8.40 ng

RT: 5.27 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Instrument :

BNA_F

ClientSampled :

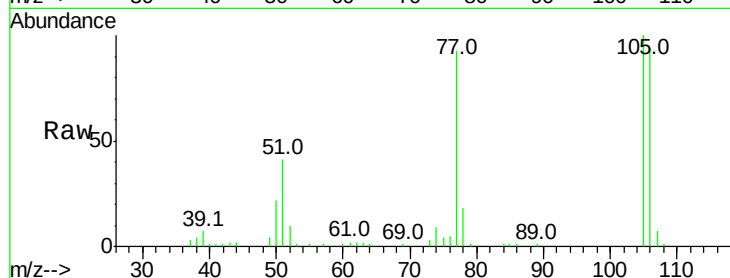
Tot Ion: 77 Resp: 52046

Ion Ratio Lower Upper

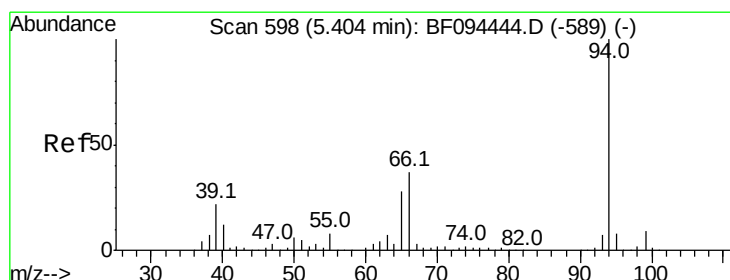
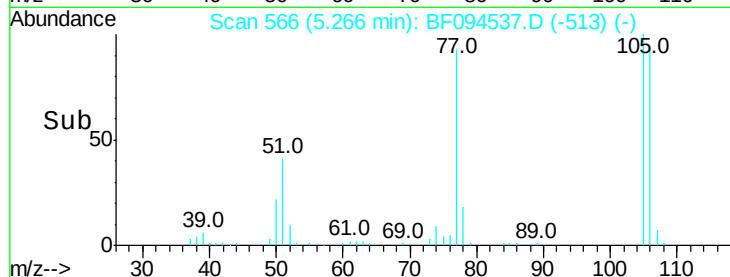
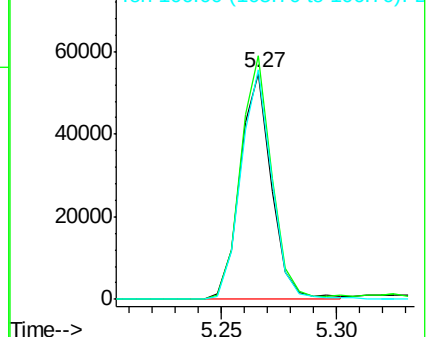
77 100

105 107.7 83.8 123.8

106 101.4 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: 40.19 ng

RT: 5.41 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

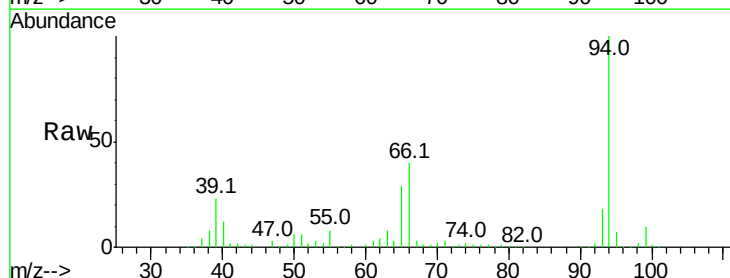
Tgt Ion: 94 Resp: 402390

Ion Ratio Lower Upper

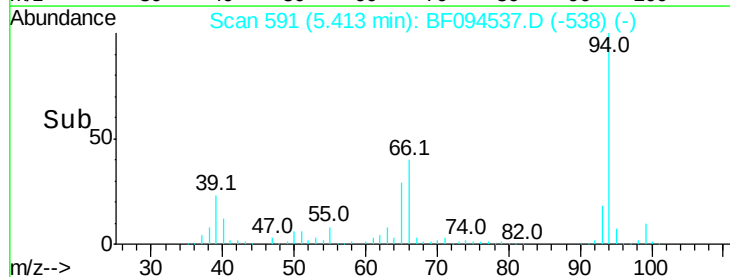
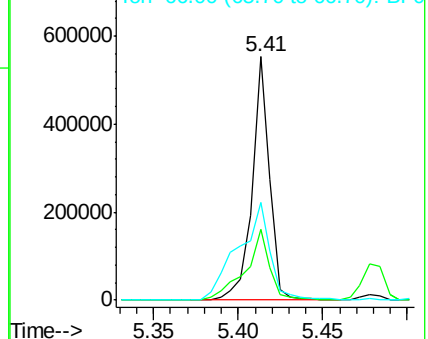
94 100

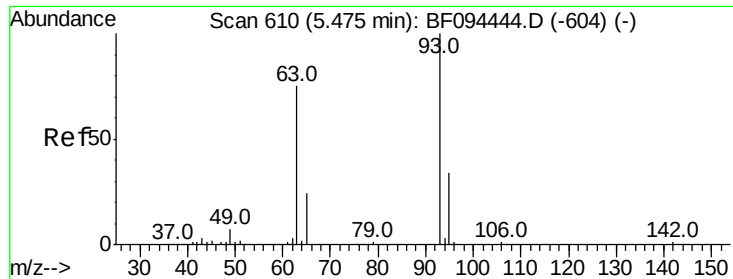
65 28.8 9.9 49.9

66 40.3 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: 43.28 ng

RT: 5.48 min Scan# 603

Delta R.T. 0.01 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Instrument :

BNA_F

ClientSampleId :

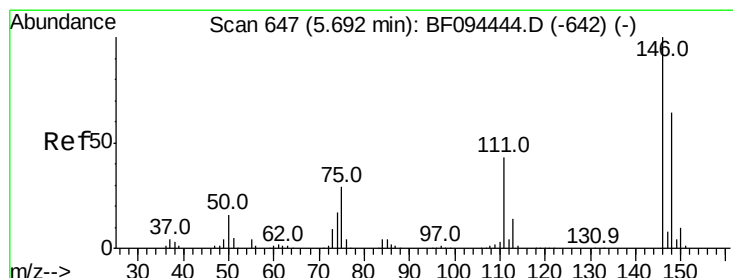
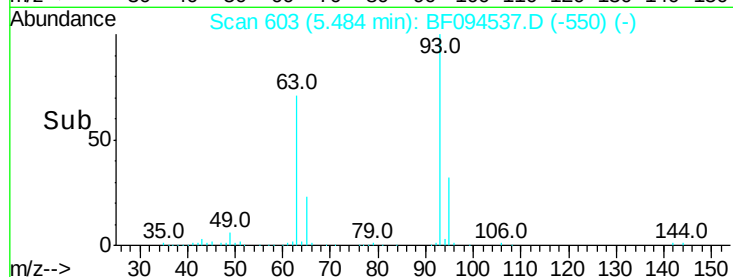
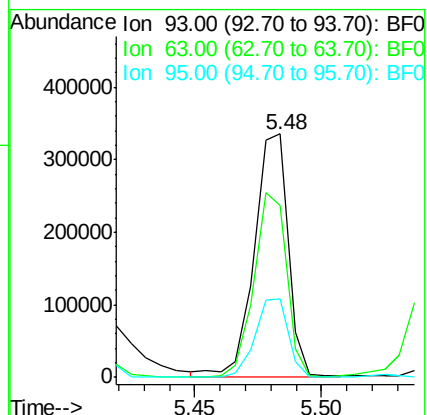
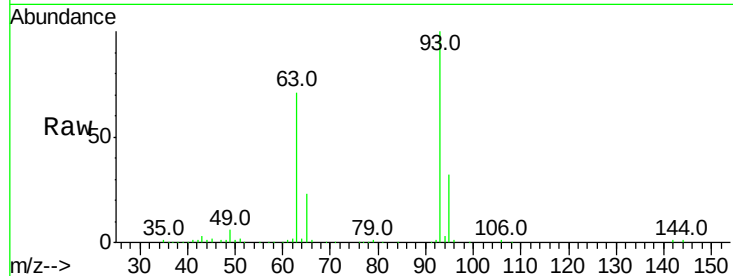
Tot Ion: 93 Resp: 316566

Ion Ratio Lower Upper

93 100

63 70.8 59.2 99.2

95 32.0 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 39.91 ng

RT: 5.70 min Scan# 640

Delta R.T. 0.01 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

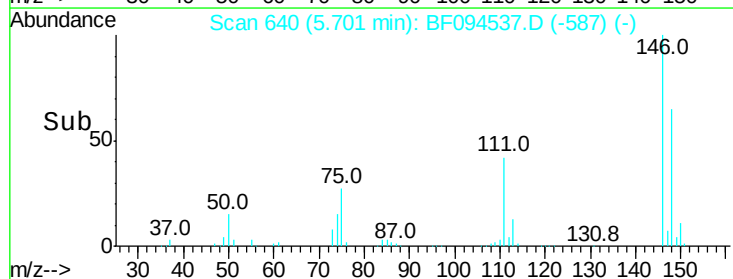
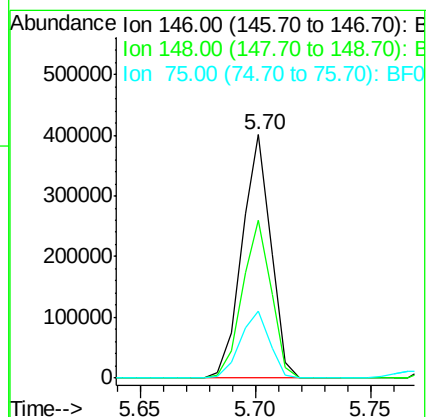
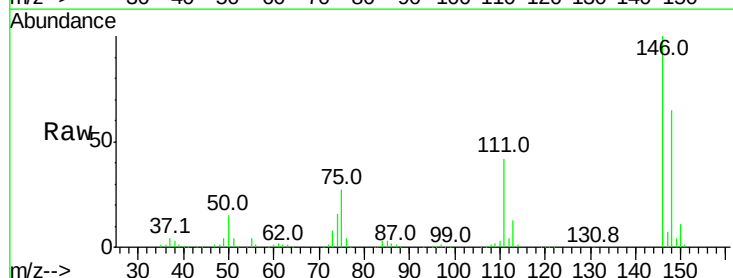
Tgt Ion: 146 Resp: 347844

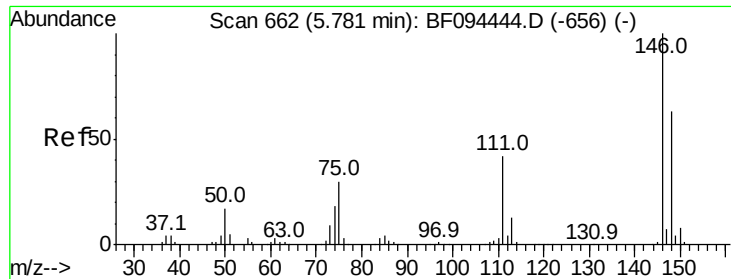
Ion Ratio Lower Upper

146 100

148 64.9 51.8 77.6

75 27.5 23.1 34.7

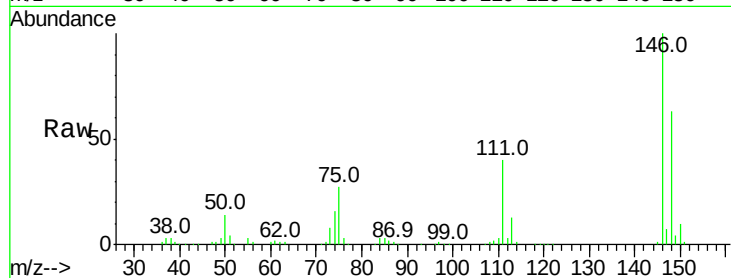




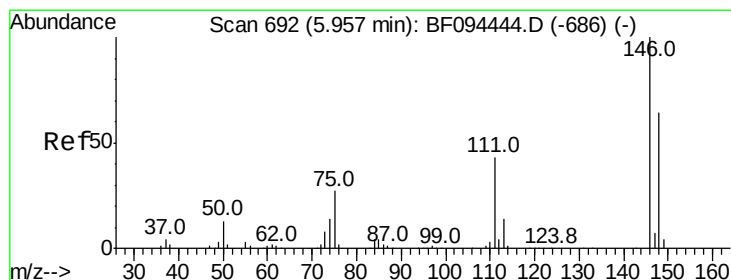
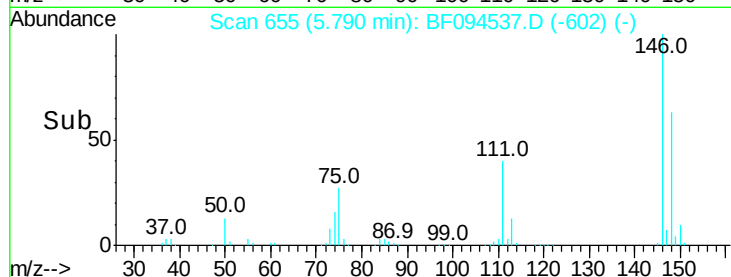
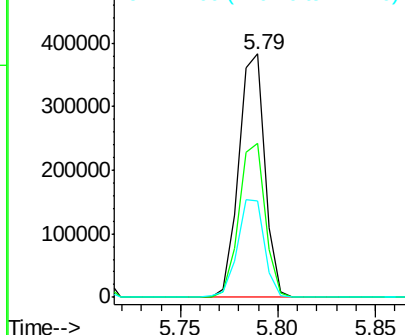
#13
 1,4-Dichlorobenzene
 Concen: 40.56 ng
 RT: 5.79 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 355617
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.2 78.2
 111 39.6 30.3 45.5

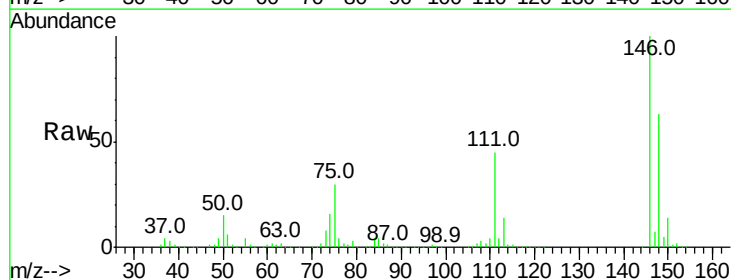


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

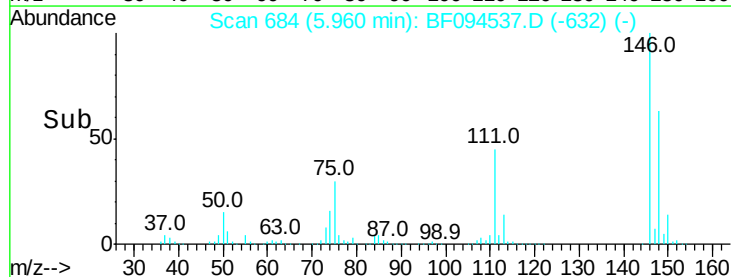
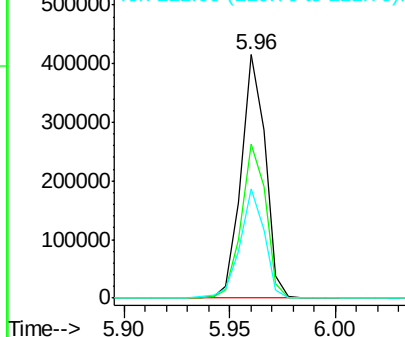


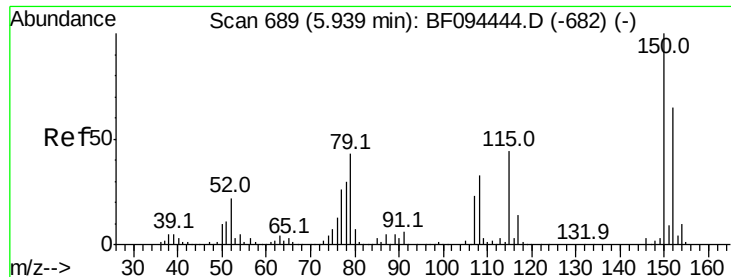
#14
 1,2-Dichlorobenzene
 Concen: 40.56 ng
 RT: 5.96 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Tgt Ion:146 Resp: 327621
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.4 75.6
 111 44.8 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: 41.72 ng

RT: 5.95 min Scan# 682

Delta R.T. 0.01 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Instrument :

BNA_F

ClientSampleId :

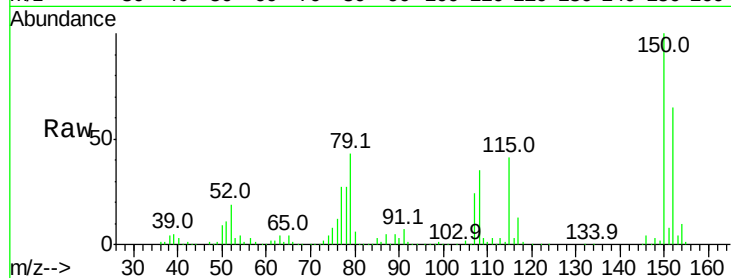
Tot Ion: 79 Resp: 252211

Ion Ratio Lower Upper

79 100

108 81.2 63.4 95.0

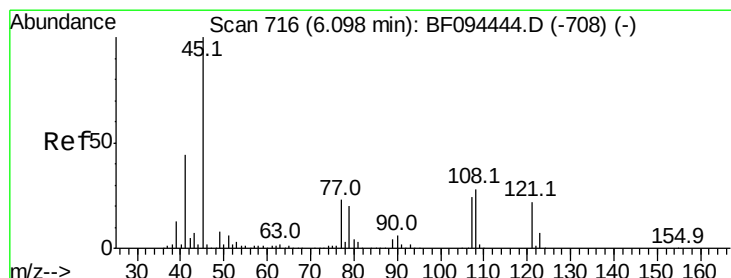
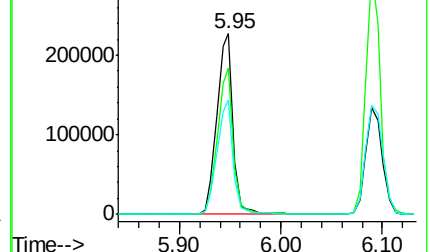
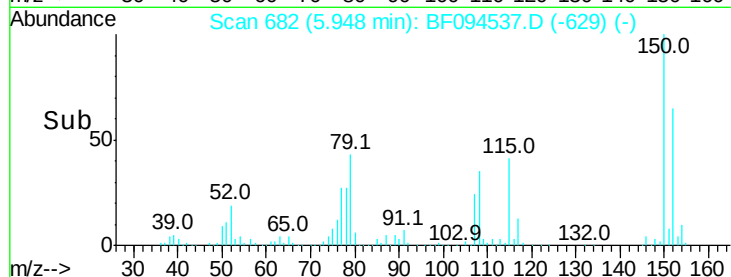
77 63.0 49.2 73.8



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: 41.58 ng

RT: 6.10 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

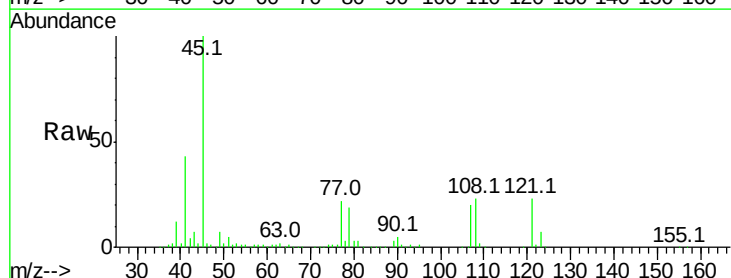
Tgt Ion: 45 Resp: 398705

Ion Ratio Lower Upper

45 100

77 21.8 0.0 33.2

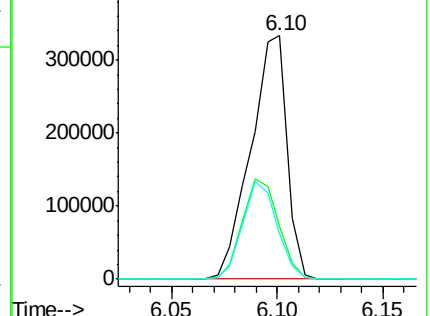
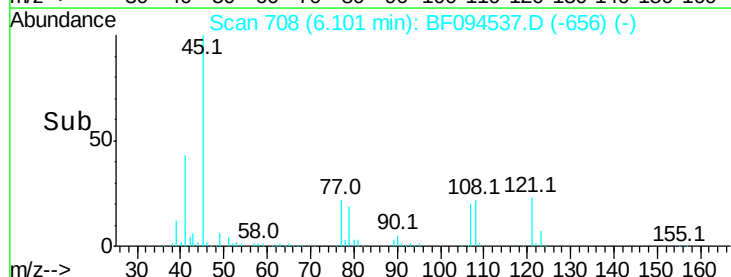
79 18.6 0.0 30.0

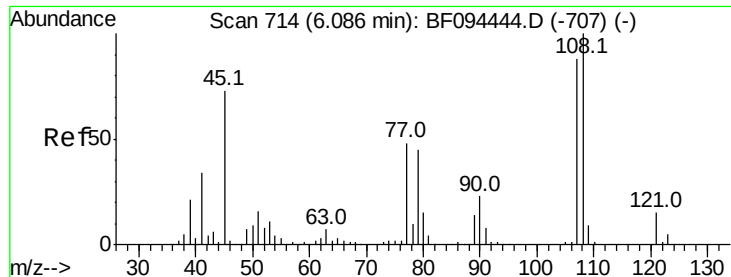


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

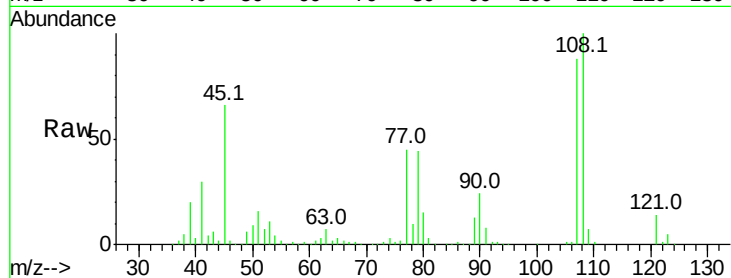




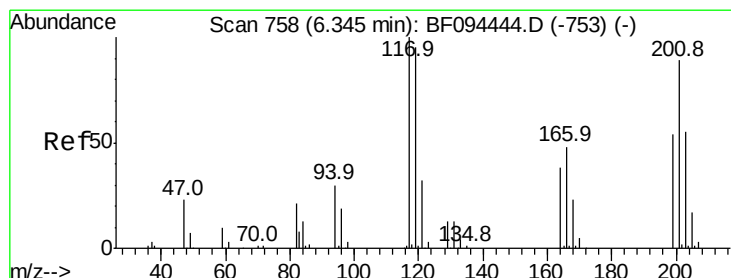
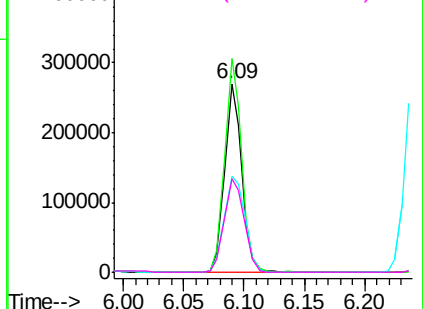
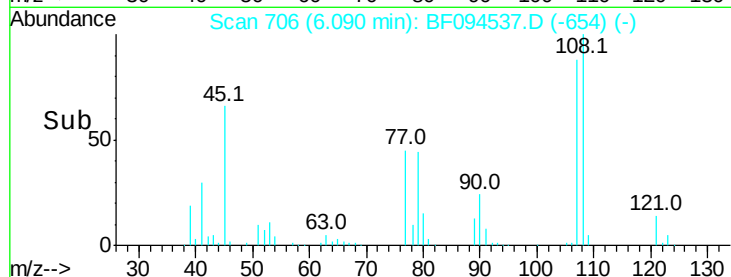
#17
2-Methylphenol
Concen: 42.51 ng
RT: 6.09 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 263399
Ion Ratio Lower Upper
107 100
108 113.5 93.4 140.0
77 51.2 35.8 53.6
79 49.7 34.8 52.2

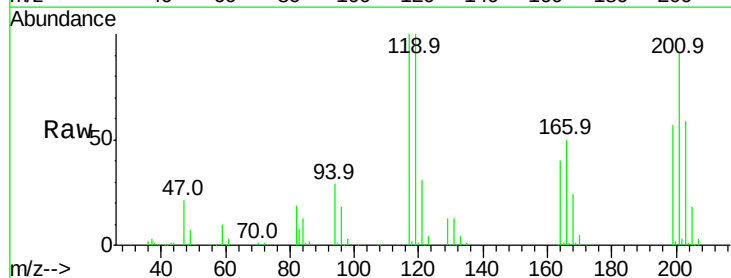


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

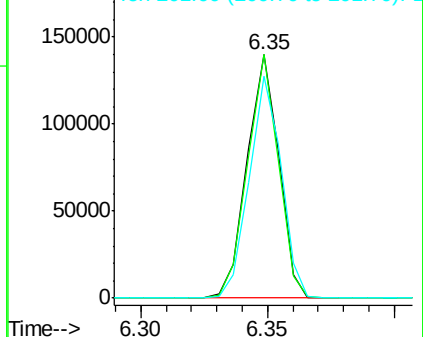
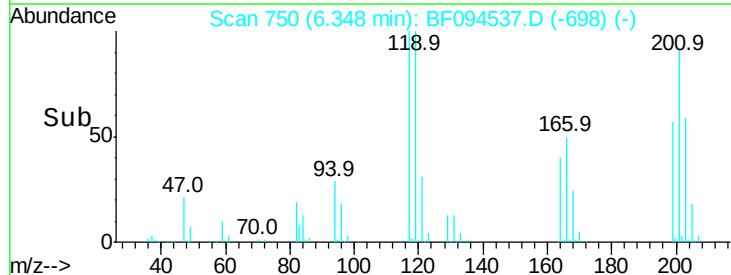


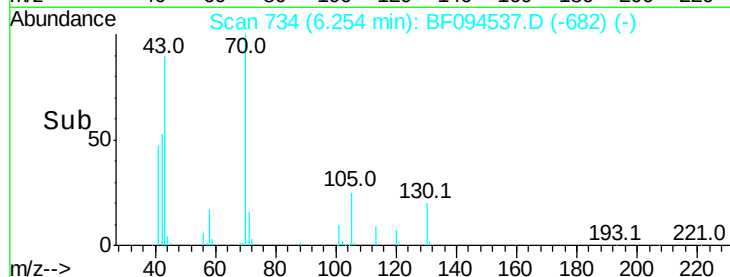
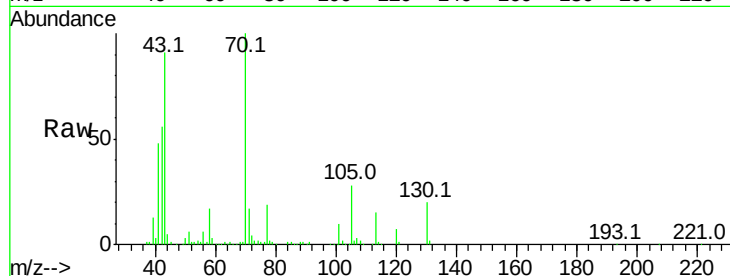
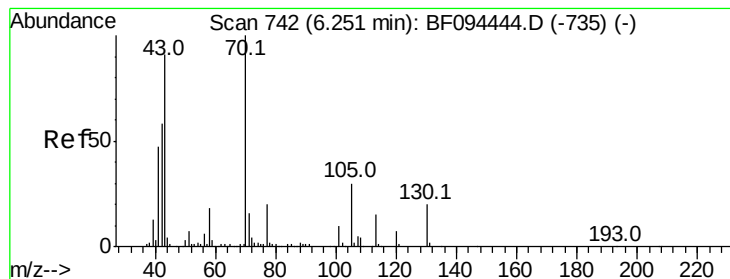
#18
Hexachloroethane
Concen: 40.76 ng
RT: 6.35 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion:117 Resp: 122507
Ion Ratio Lower Upper
117 100
119 99.8 77.4 116.0
201 91.2 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: 43.44 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 234581

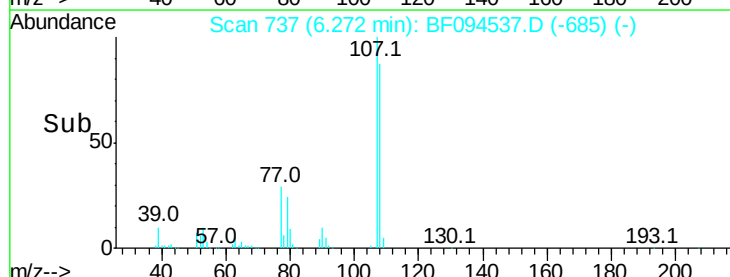
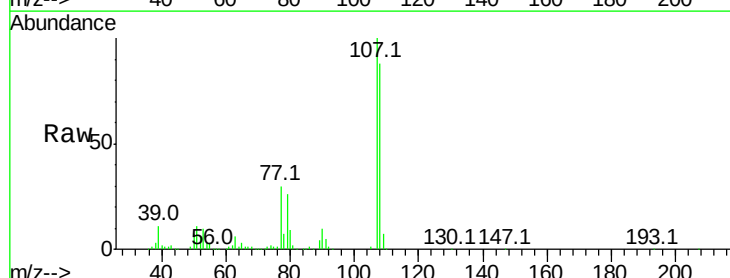
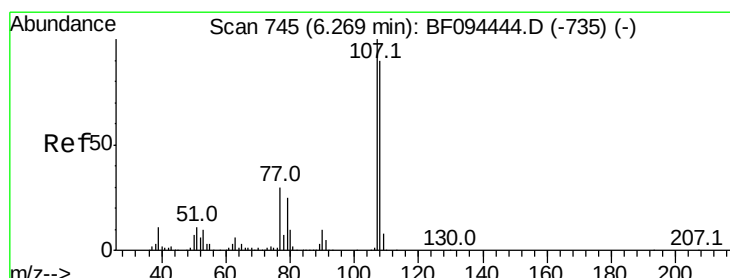
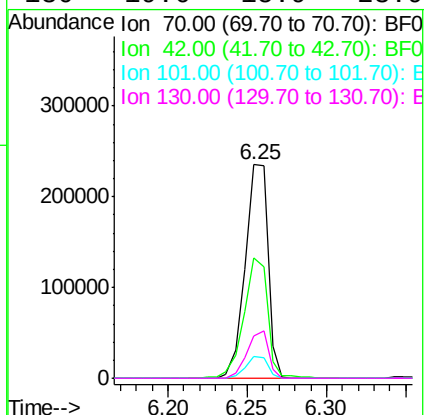
Ion Ratio Lower Upper

70 100

42 56.1 47.2 70.8

101 10.1 7.2 10.8

130 19.6 15.9 23.9



#20

3+4-Methylphenols

Concen: 43.76 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Tgt Ion: 107 Resp: 368408

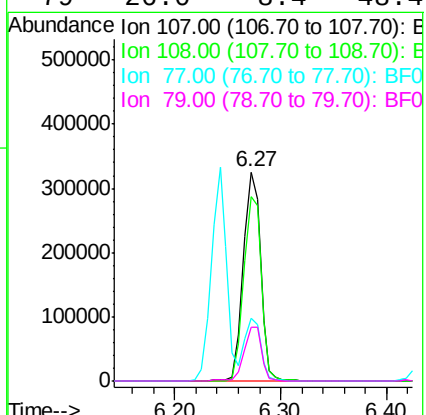
Ion Ratio Lower Upper

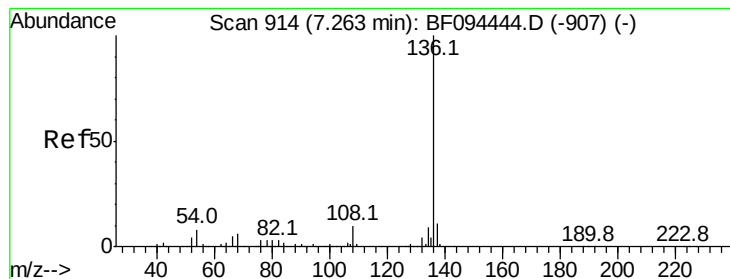
107 100

108 88.3 71.0 111.0

77 30.0 90.5 130.5#

79 26.0 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 451402

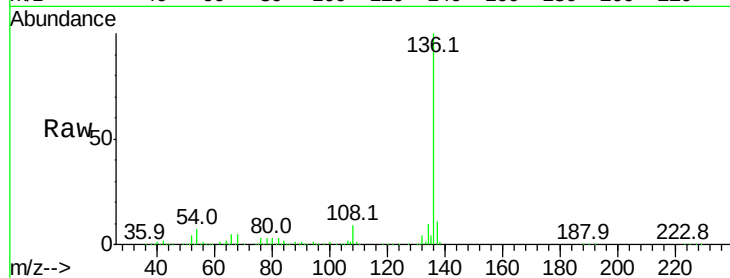
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.0 4.9 7.3

68 5.5 4.1 6.1

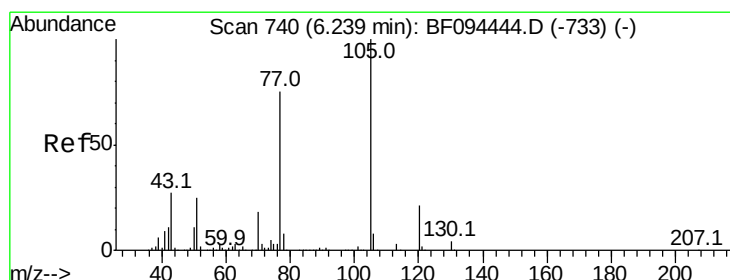
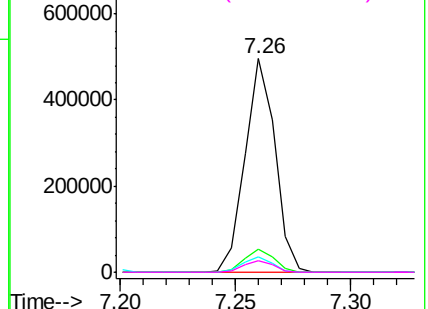
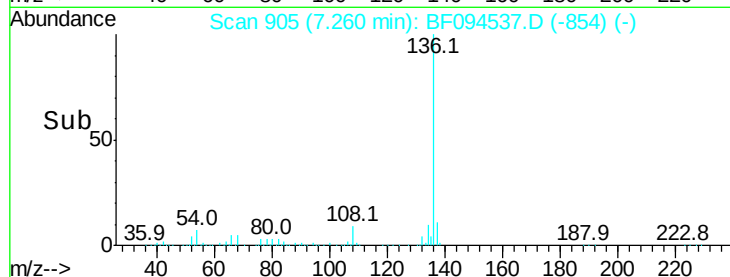


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.50 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Tgt Ion:105 Resp: 466451

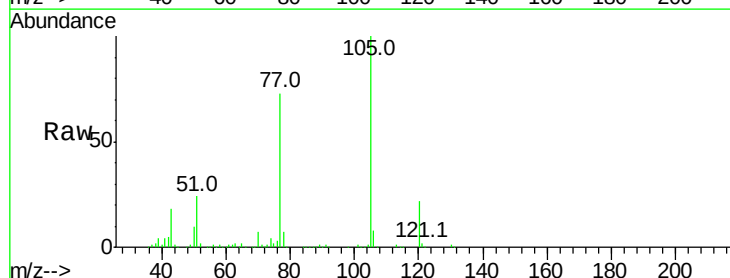
Ion Ratio Lower Upper

105 100

71 1.2 2.8 4.2#

51 24.2 30.7 46.1#

120 22.4 17.4 26.0

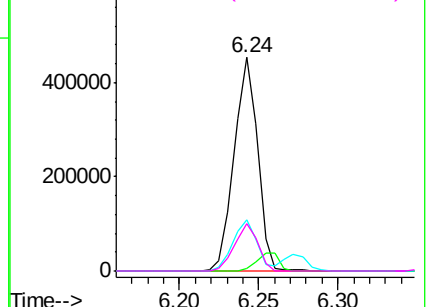
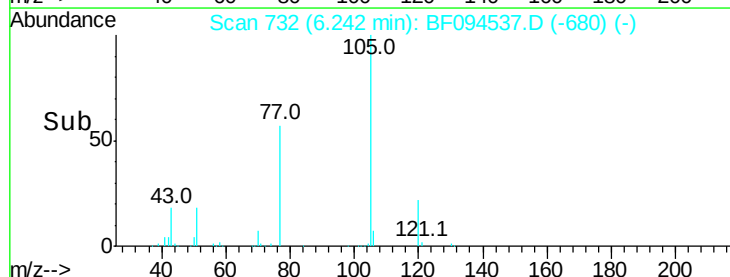


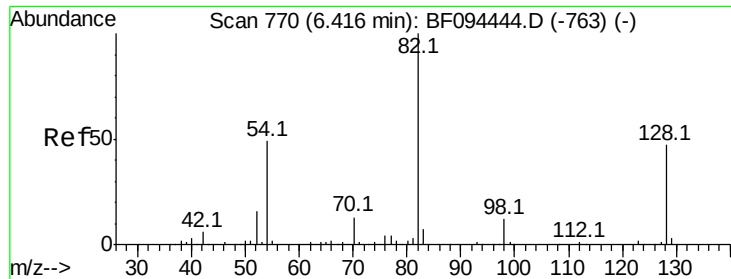
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

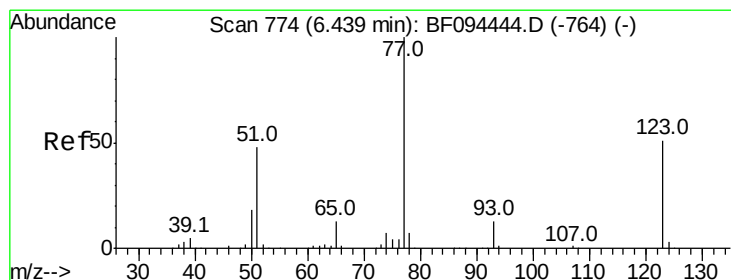
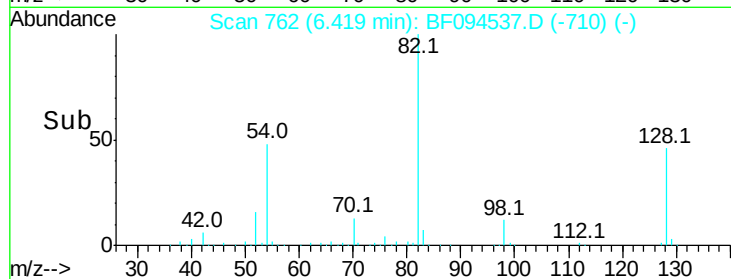
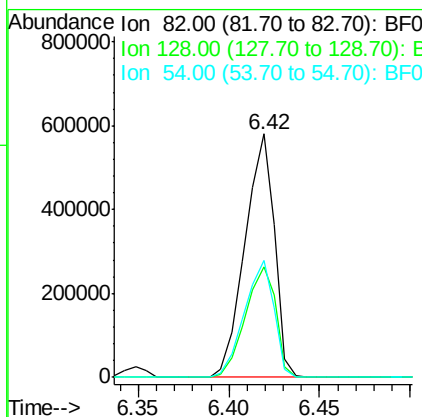
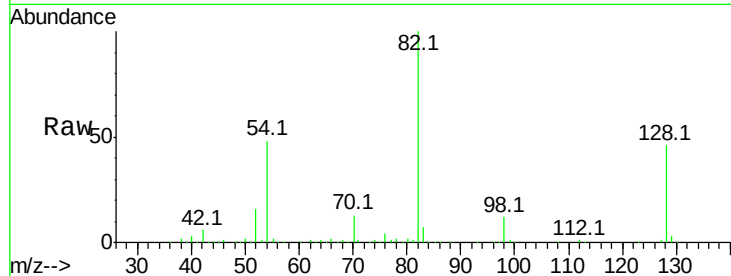




#23
Nitrobenzene-d5
Concen: 89.16 ng
RT: 6.42 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

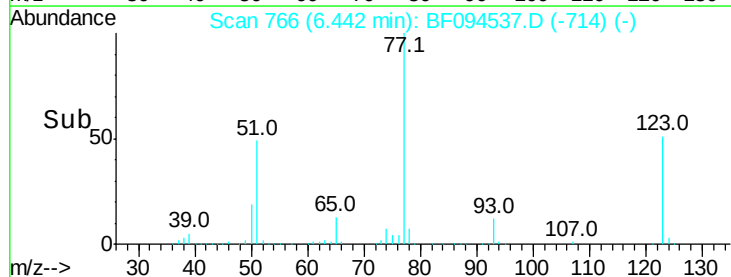
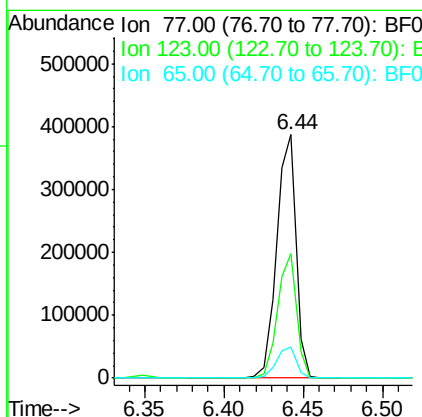
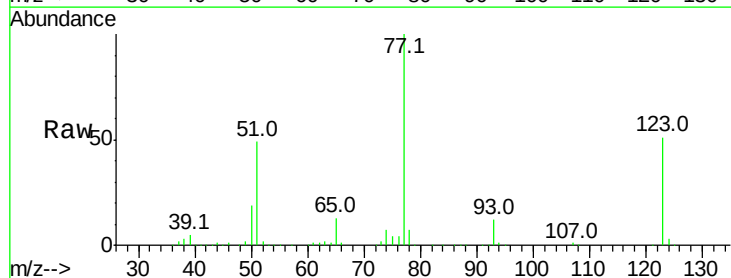
Instrument :
BNA_F
ClientSampleId :

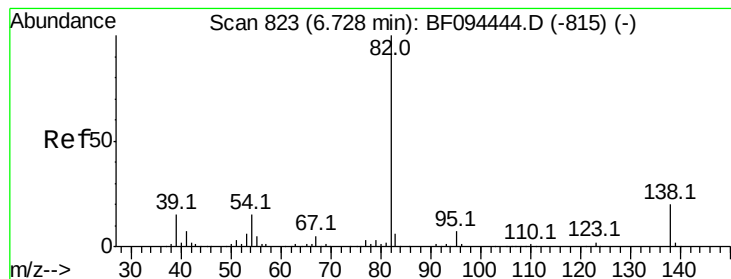
Tot Ion: 82 Resp: 651773
Ion Ratio Lower Upper
82 100
128 45.5 34.0 51.0
54 48.0 42.2 63.2



#24
Nitrobenzene
Concen: 42.92 ng
RT: 6.44 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion: 77 Resp: 330385
Ion Ratio Lower Upper
77 100
123 51.4 35.8 53.8
65 12.7 10.6 15.8





#25

Isophorone

Concen: 43.93 ng

RT: 6.73 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Instrument :

BNA_F

ClientSampleId :

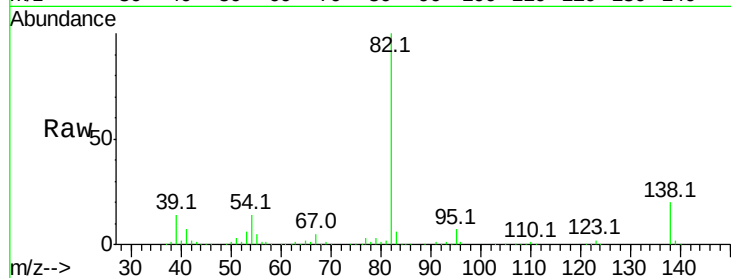
Tot Ion: 82 Resp: 595260

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

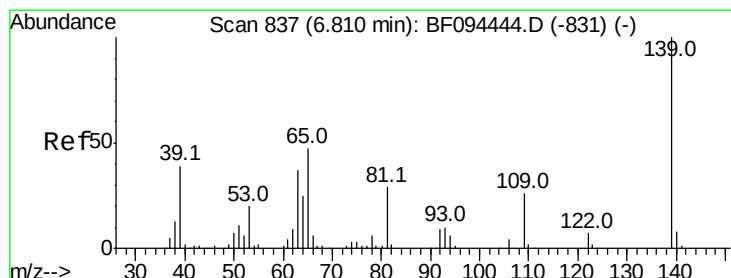
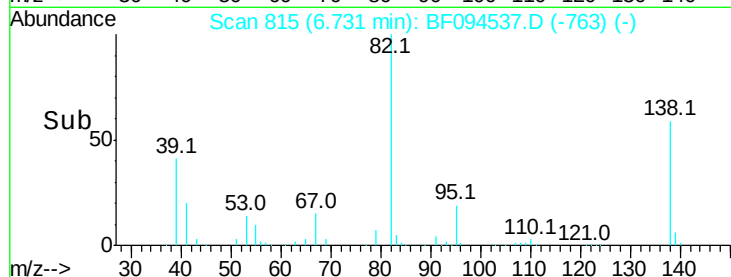
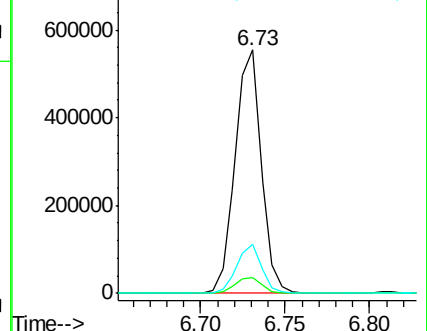
138 20.2 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 45.32 ng

RT: 6.81 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

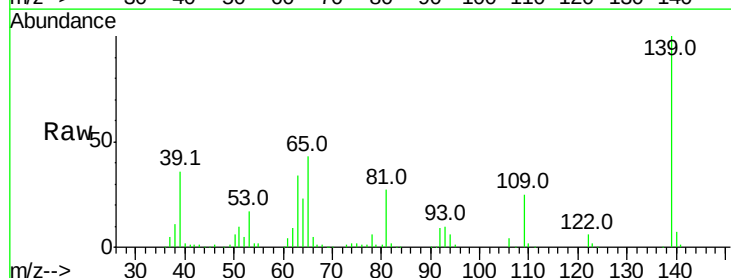
Tgt Ion:139 Resp: 187448

Ion Ratio Lower Upper

139 100

109 25.5 21.0 31.6

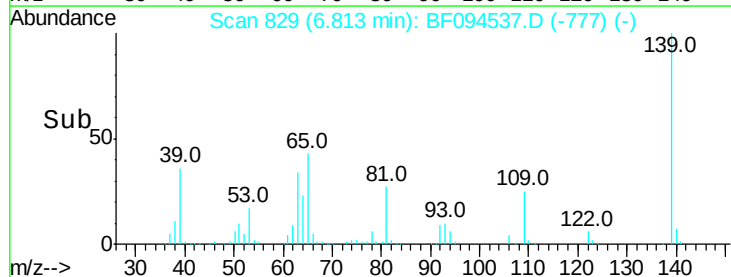
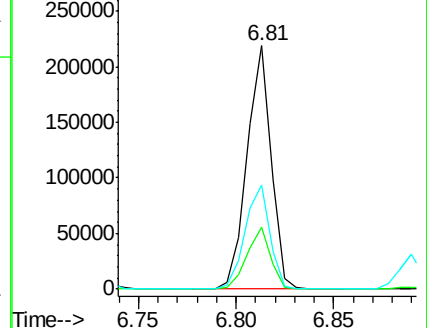
65 42.8 33.0 49.6

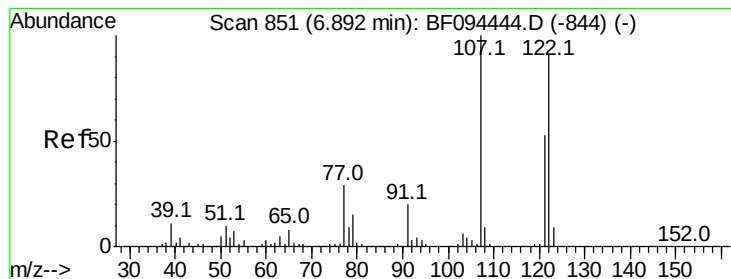


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 43.98 ng

RT: 6.89 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Instrument :

BNA_F

ClientSampled :

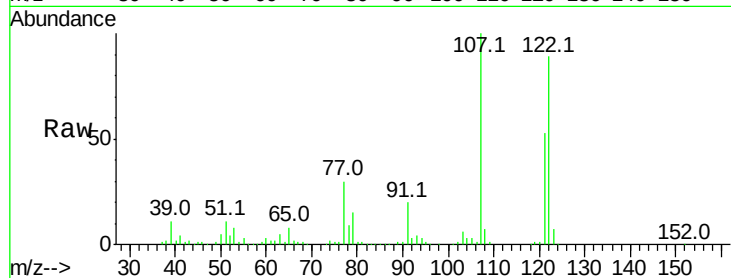
Tot Ion:122 Resp: 295473

Ion Ratio Lower Upper

122 100

107 112.3 89.2 133.8

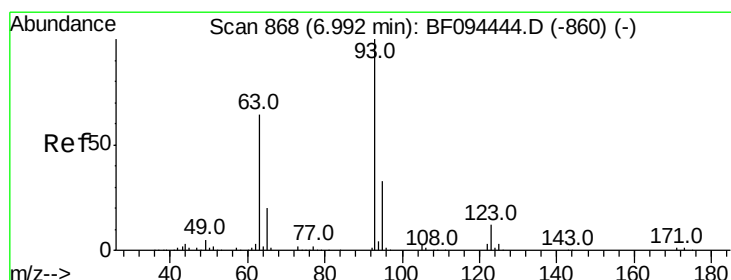
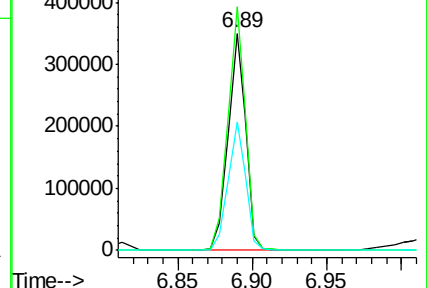
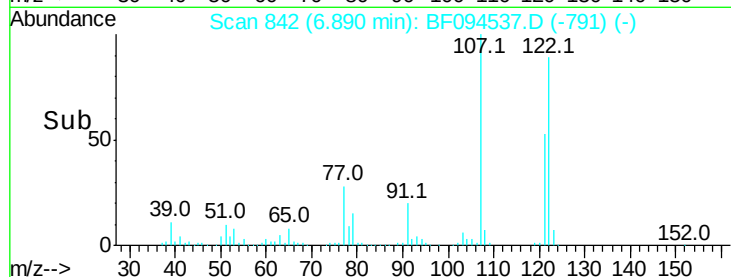
121 59.1 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.64 ng

RT: 6.99 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

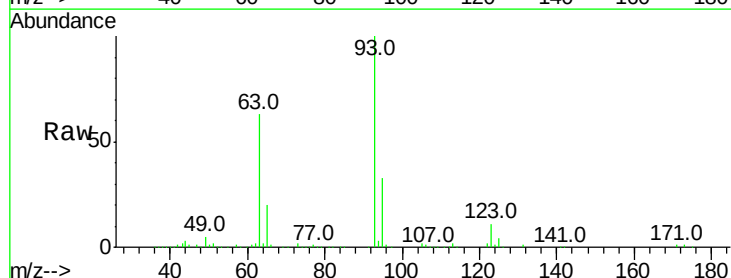
Tgt Ion: 93 Resp: 382500

Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

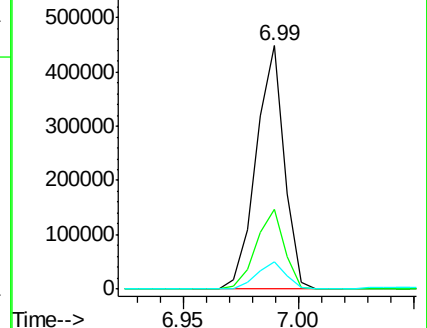
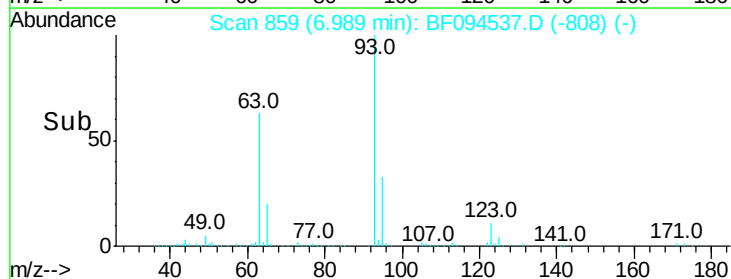
123 11.1 9.0 13.4

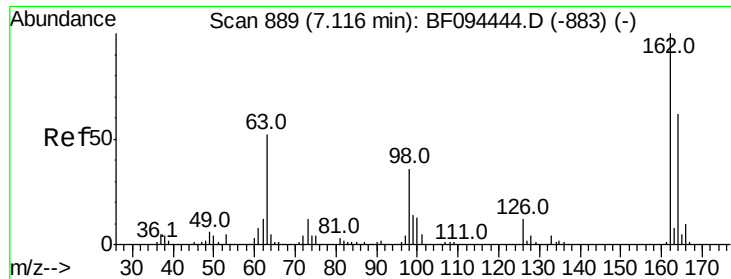


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

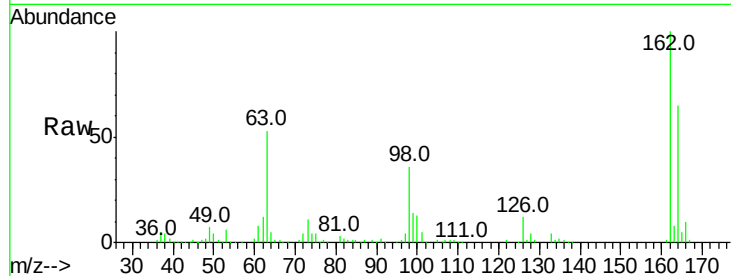




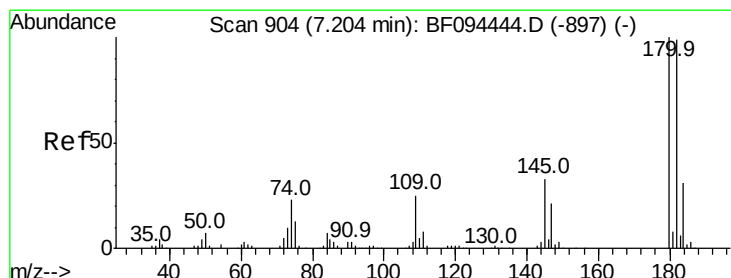
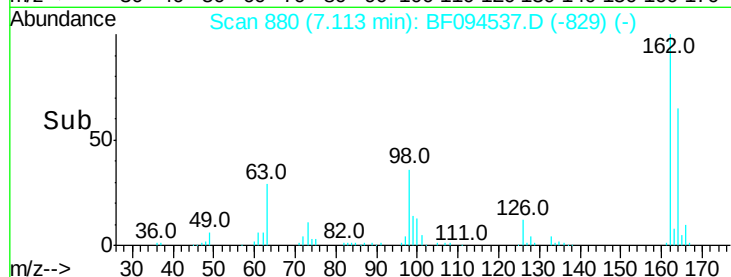
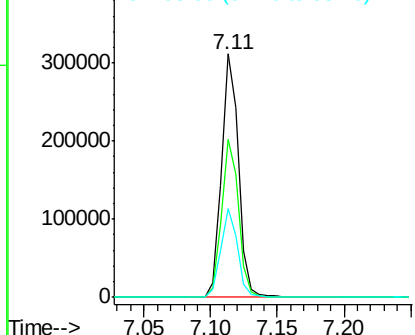
#29
 2,4-Dichlorophenol
 Concen: 45.11 ng
 RT: 7.11 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.6	84.6
98	36.5	14.8	54.8

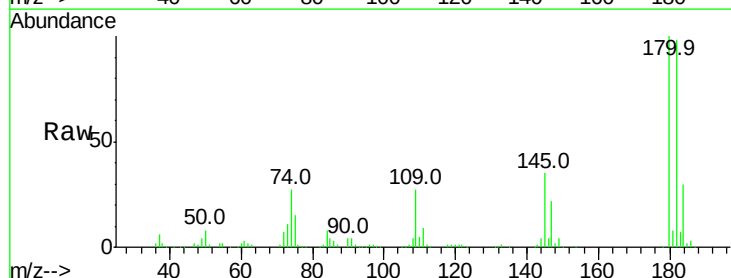


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

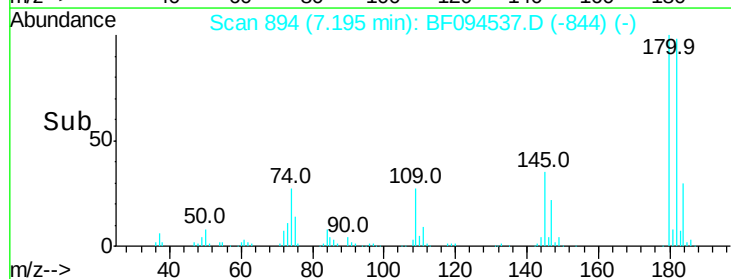
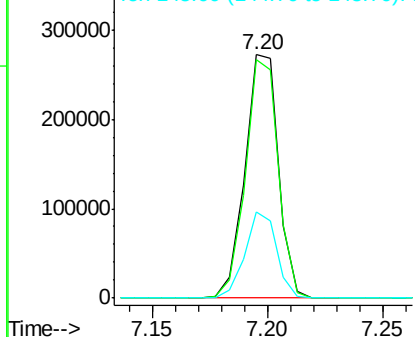


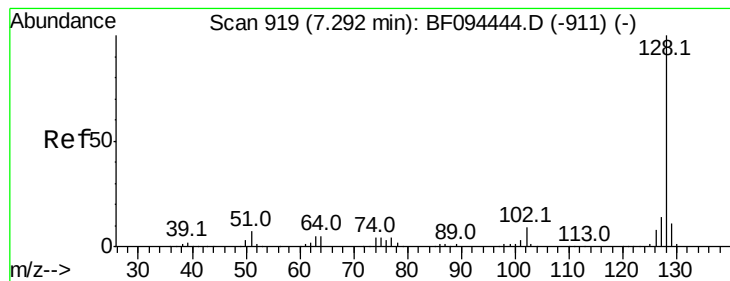
#30
 1,2,4-Trichlorobenzene
 Concen: 42.62 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	75.8	113.6
145	35.3	25.3	37.9



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





#31

Naphthalene

Concen: 42.40 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Instrument :

BNA_F

ClientSampled :

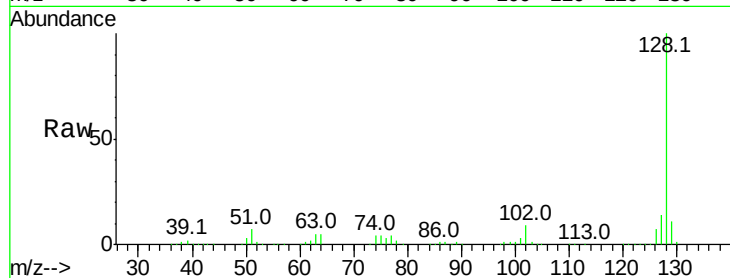
Tot Ion:128 Resp: 920117

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

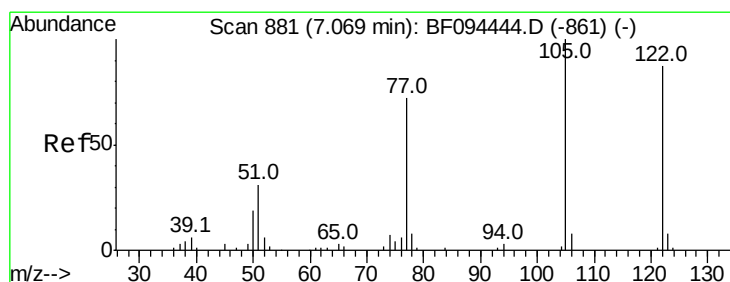
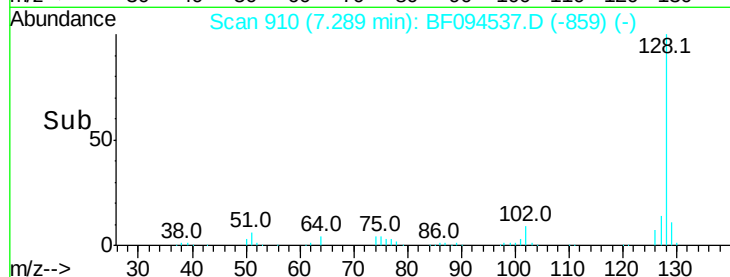
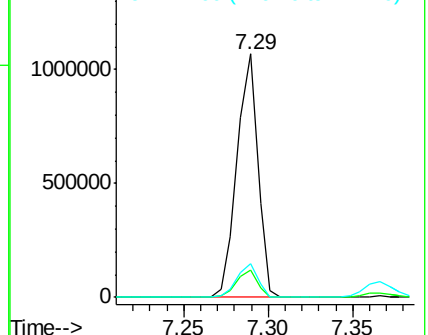
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 50.76 ng

RT: 7.07 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

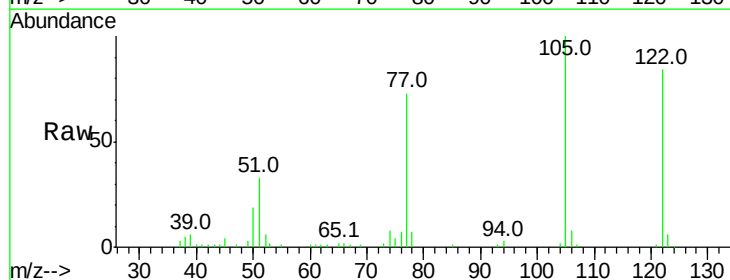
Tgt Ion:122 Resp: 180341

Ion Ratio Lower Upper

122 100

105 119.4 103.3 143.3

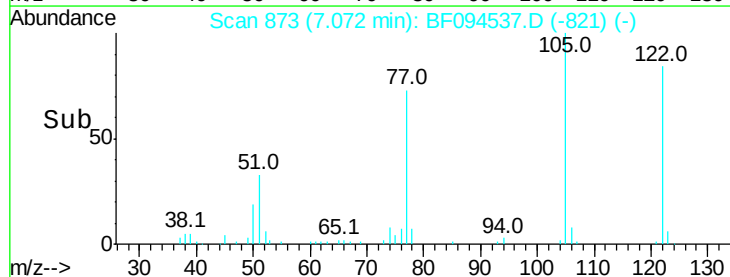
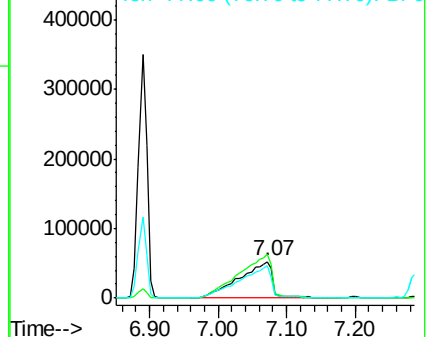
77 87.6 73.7 113.7

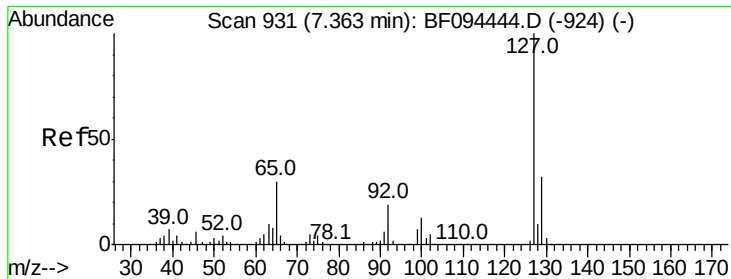


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

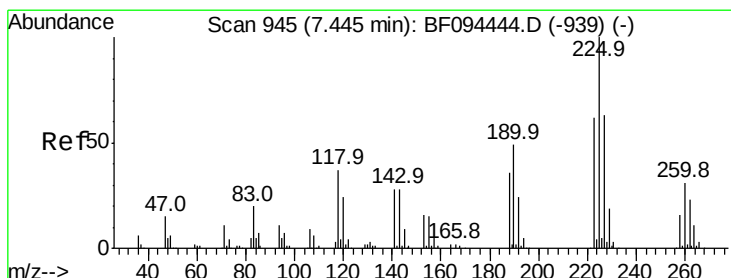
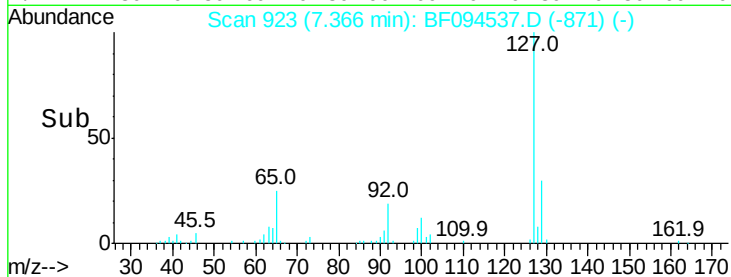
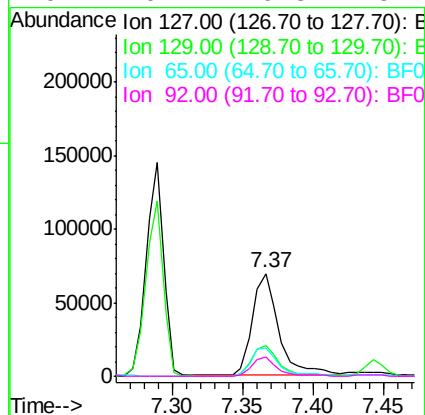
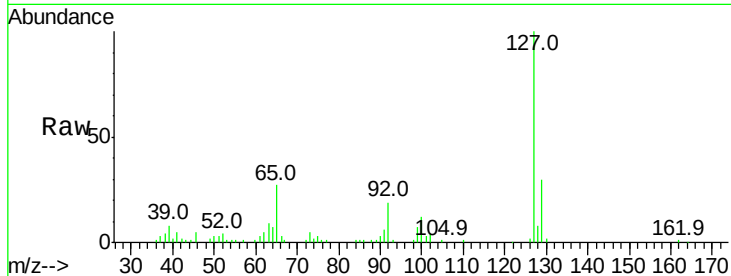




#33
 4-Chloroaniline
 Concen: 10.15 ng
 RT: 7.37 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

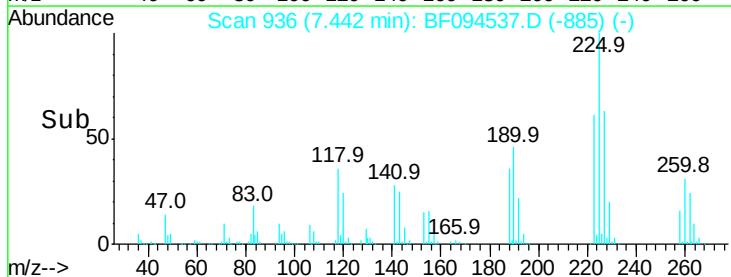
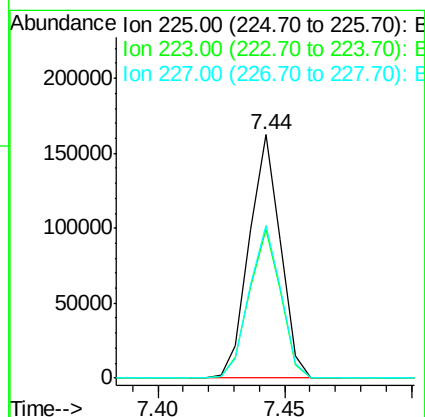
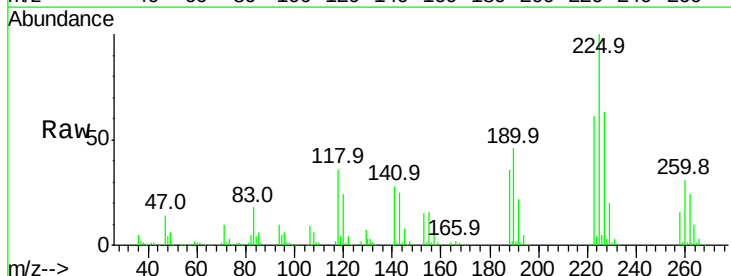
Instrument :
 BNA_F
 ClientSampleId :

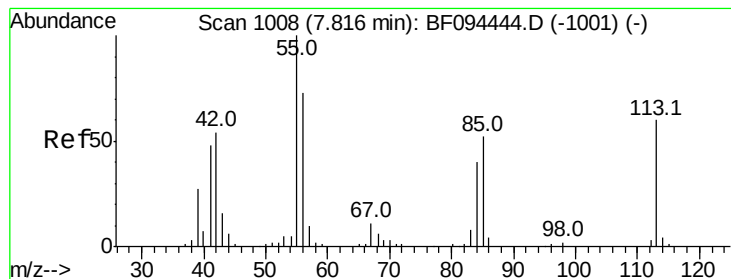
Tot Ion:	127	Resp:	91590
Ion	Ratio	Lower	Upper
127	100		
129	29.9	26.2	39.2
65	27.4	27.8	41.8#
92	19.1	16.8	25.2



#34
 Hexachlorobutadiene
 Concen: 43.06 ng
 RT: 7.44 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Tgt Ion:	225	Resp:	138713
Ion	Ratio	Lower	Upper
225	100		
223	60.9	48.8	73.2
227	62.7	51.1	76.7





#35

Caprolactam

Concen: 28.25 ng

RT: 7.83 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Instrument :

BNA_F

ClientSampled :

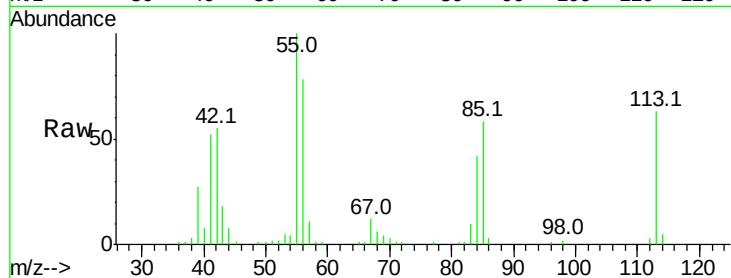
Tot Ion:113 Resp: 55460

Ion Ratio Lower Upper

113 100

55 159.0 150.2 190.2

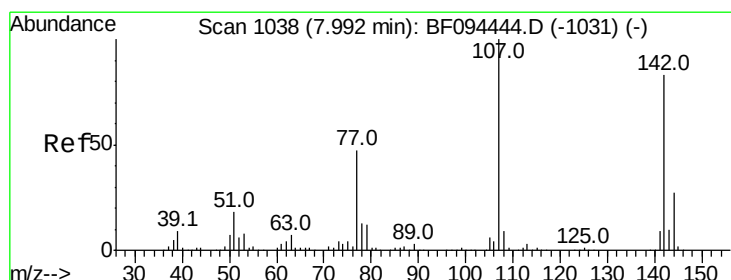
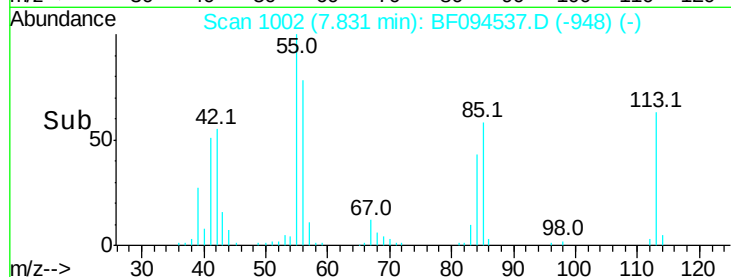
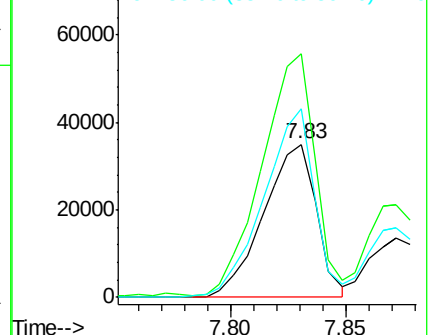
56 123.5 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 46.30 ng

RT: 8.00 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

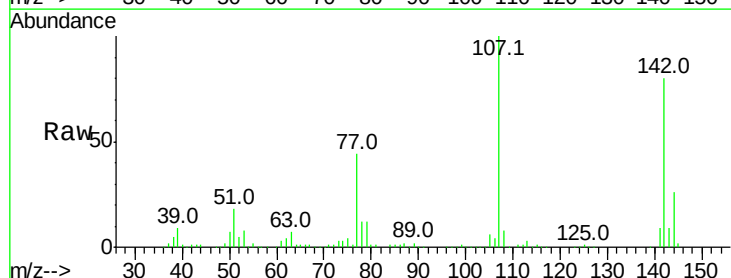
Tgt Ion:107 Resp: 303251

Ion Ratio Lower Upper

107 100

144 25.7 24.2 36.4

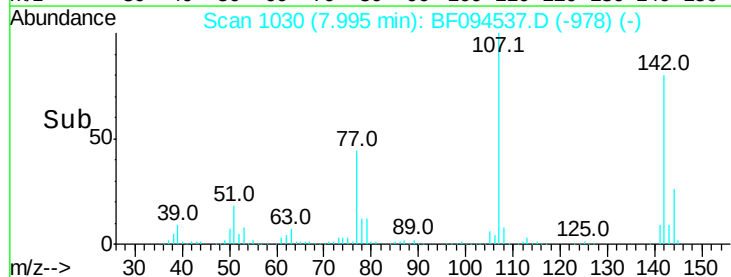
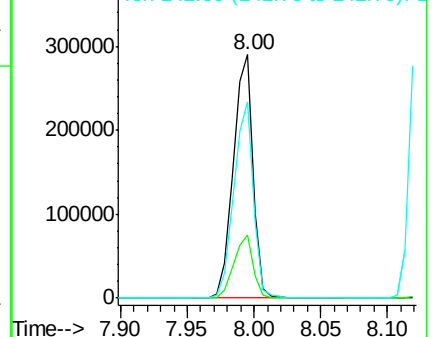
142 80.4 73.4 110.0

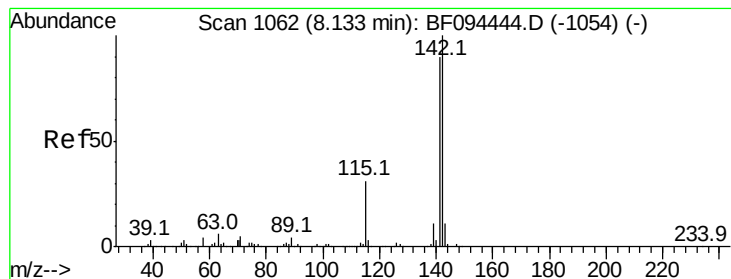


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

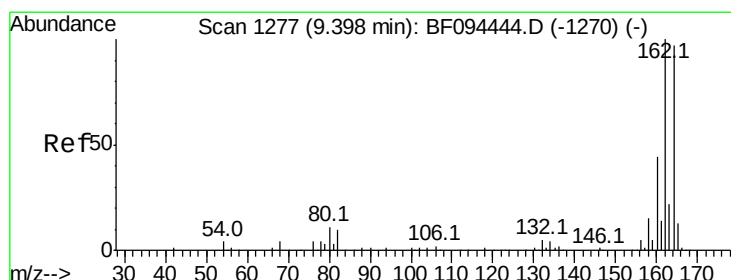
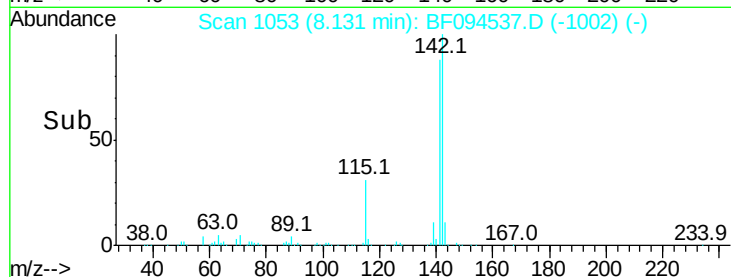
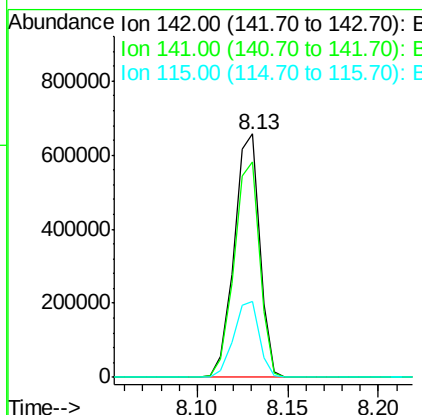
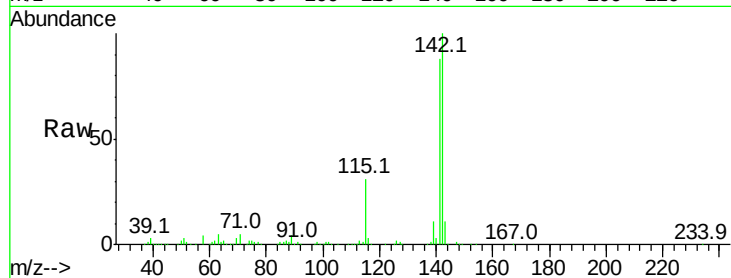




#37
 2-Methylnaphthalene
 Concen: 43.46 ng
 RT: 8.13 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

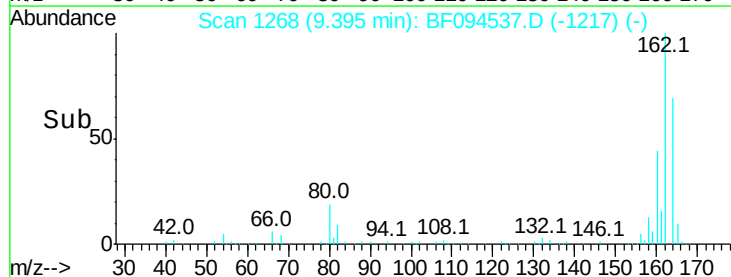
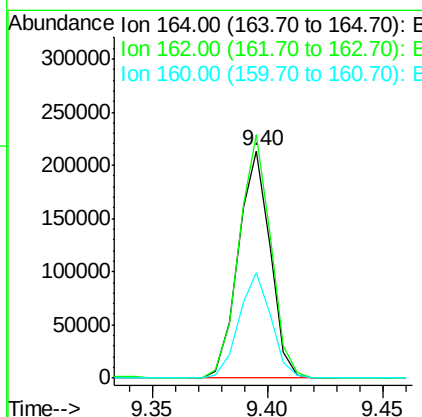
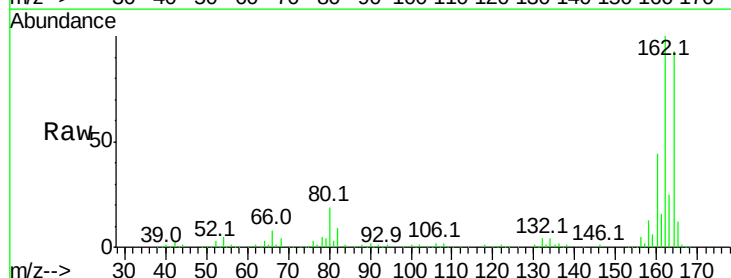
Instrument :
 BNA_F
 ClientSampleId :

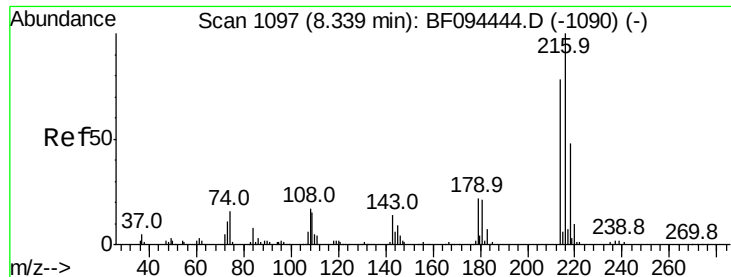
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.3	106.9
115	31.2	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.1	82.6	123.8
160	46.6	36.2	54.2

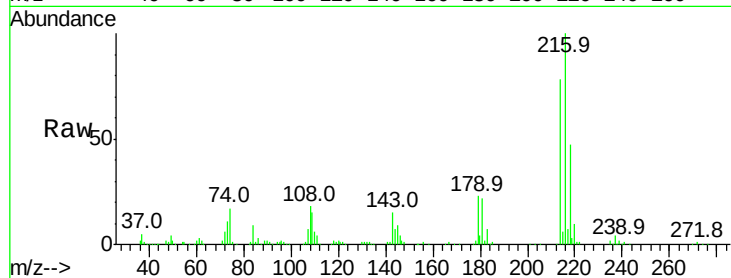




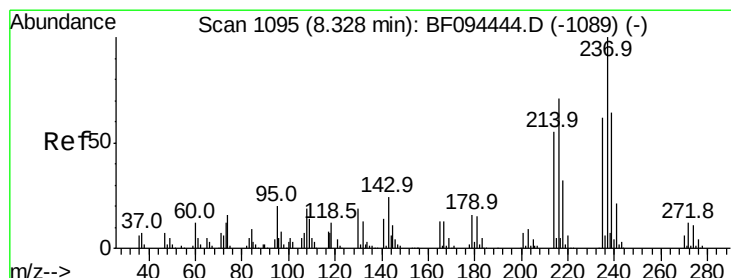
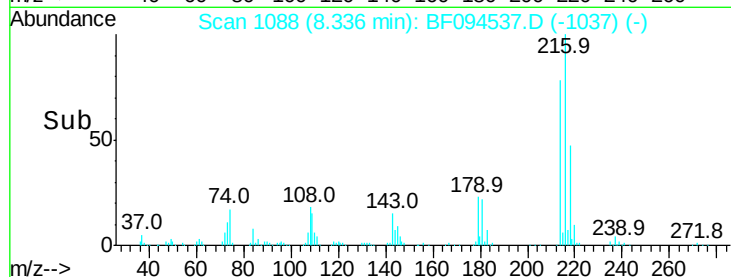
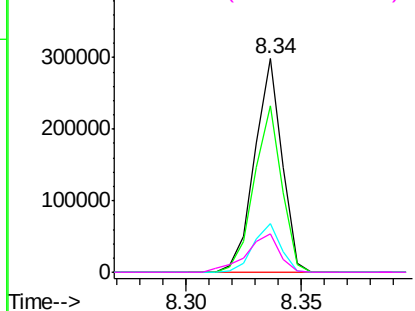
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.37 ng
 RT: 8.34 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	247415
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.2
179	23.0	17.9	26.9
108	22.1	16.5	24.7

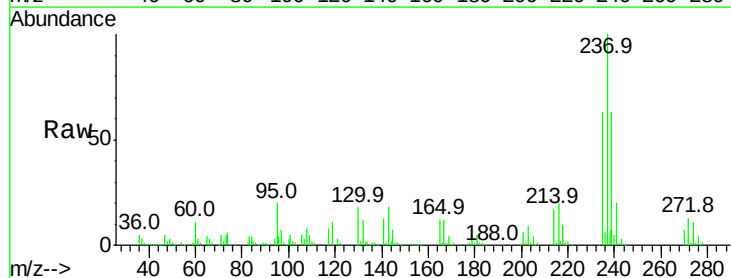


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

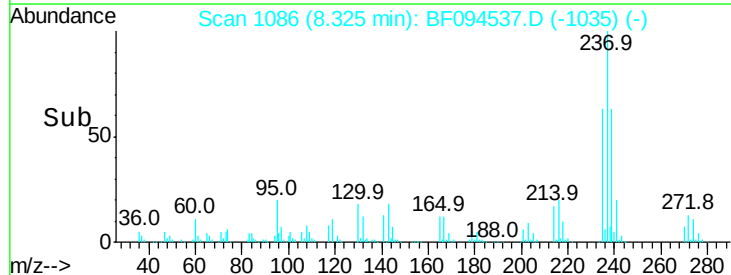
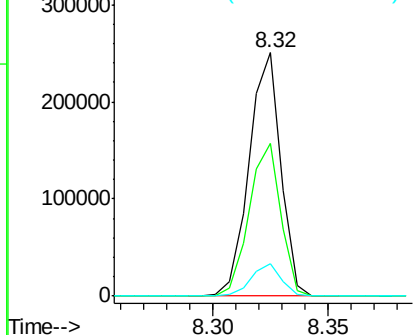


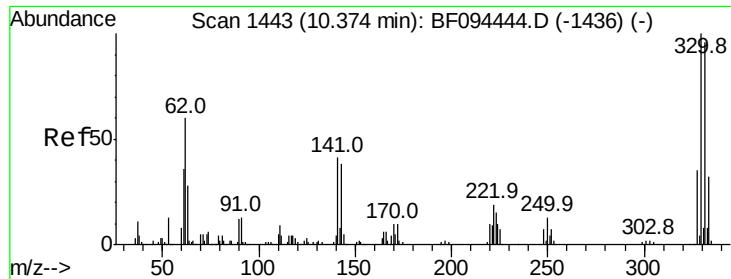
#40
 Hexachlorocyclopentadiene
 Concen: 101.52 ng
 RT: 8.32 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Tgt Ion:	237	Resp:	239833
Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.6	82.6
272	13.1	0.0	31.9



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

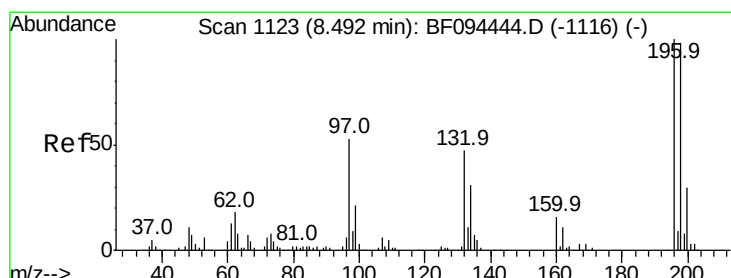
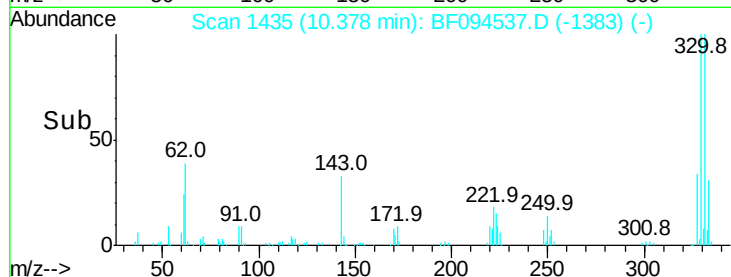
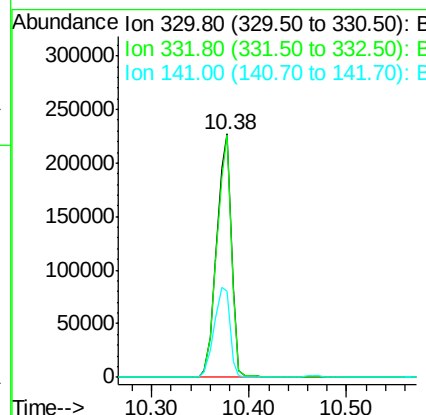
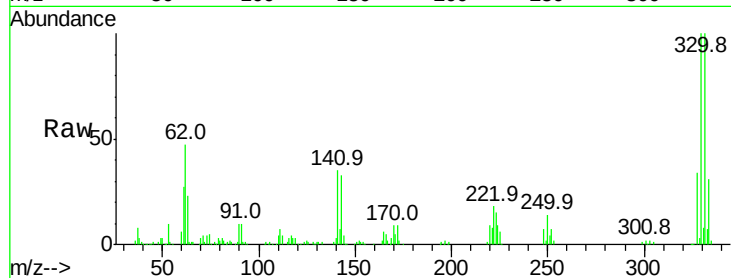




#41
 2,4,6-Tribromophenol
 Concen: 148.80 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

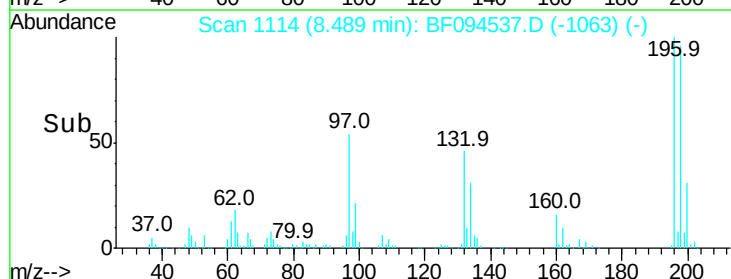
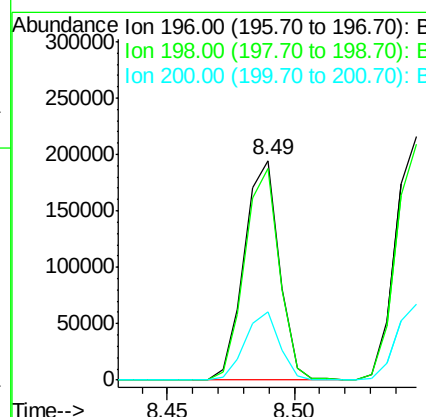
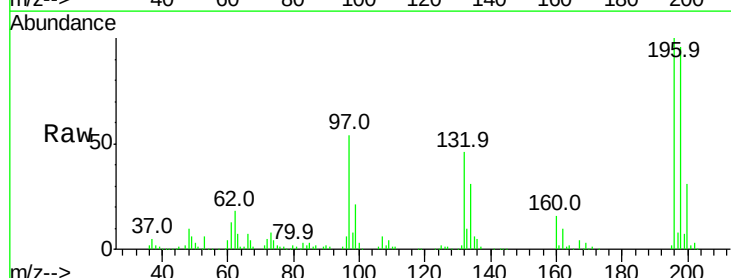
Instrument :
 BNA_F
 ClientSampleId :

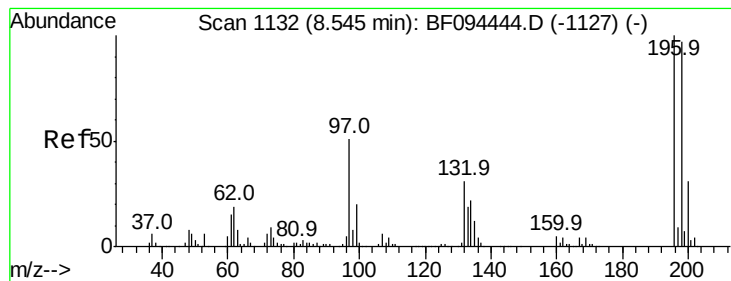
Tot Ion:330 Resp: 238692
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 39.8 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 45.90 ng
 RT: 8.49 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Tgt Ion:196 Resp: 188246
 Ion Ratio Lower Upper
 196 100
 198 96.4 74.2 111.4
 200 31.0 24.0 36.0





#43

2,4,5-Trichlorophenol

Concen: 47.05 ng

RT: 8.55 min Scan# 1124

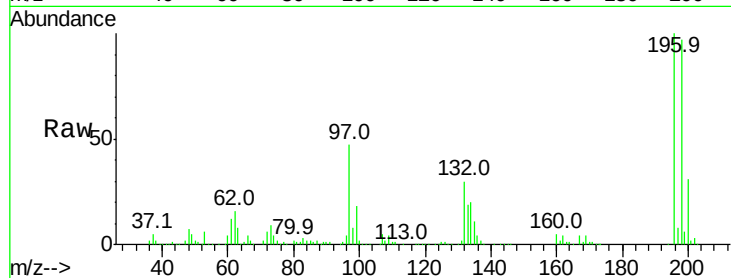
Delta R.T. 0.00 min

Lab File: BF094537.D

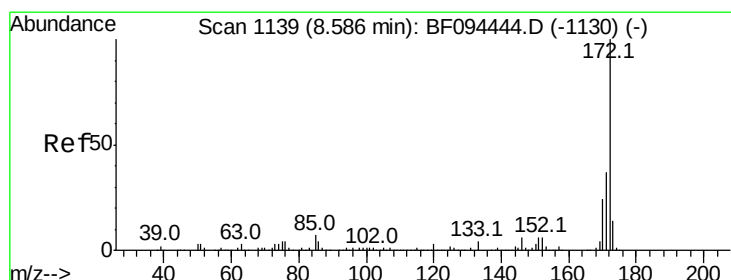
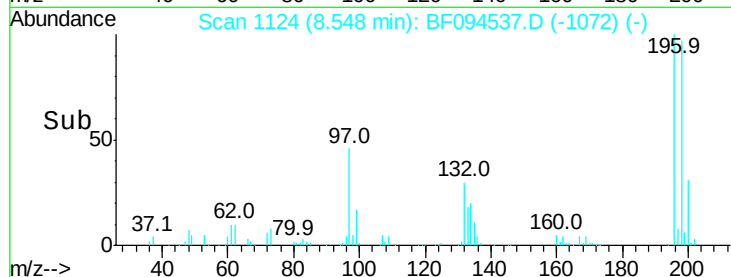
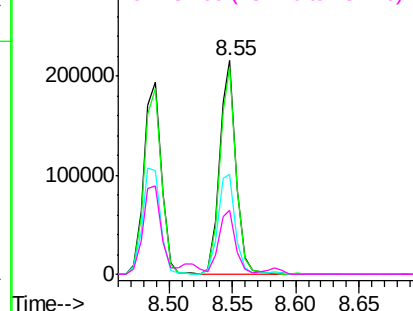
Acq: 20 Apr 2017 11:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	196	Resp:	198150
Ion	Ratio	Lower	Upper
196	100		
198	97.1	75.7	113.5
97	46.8	47.7	71.5#
132	29.9	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: 87.50 ng

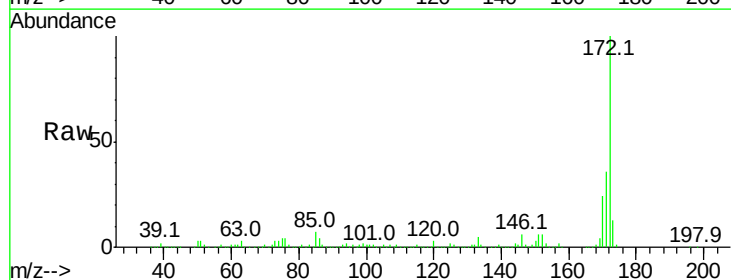
RT: 8.58 min Scan# 1130

Delta R.T. -0.00 min

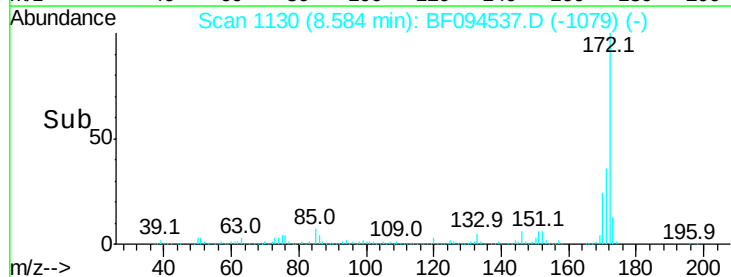
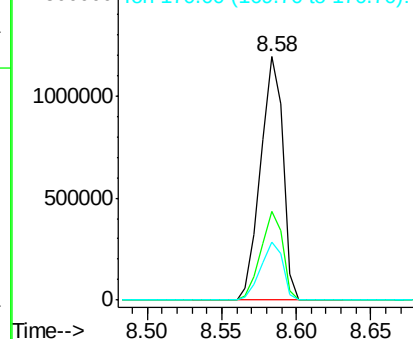
Lab File: BF094537.D

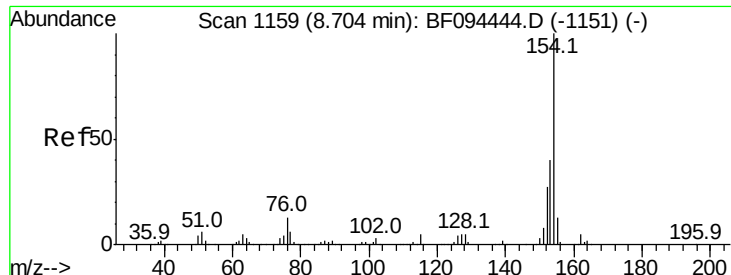
Acq: 20 Apr 2017 11:47

Tgt Ion:	172	Resp:	1219648
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.6	19.8	29.8



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

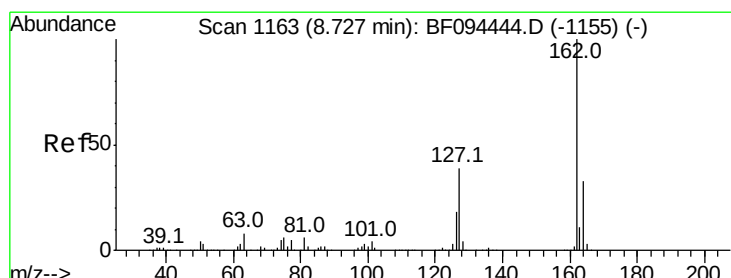
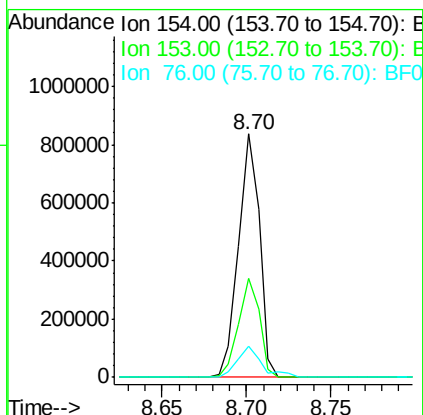
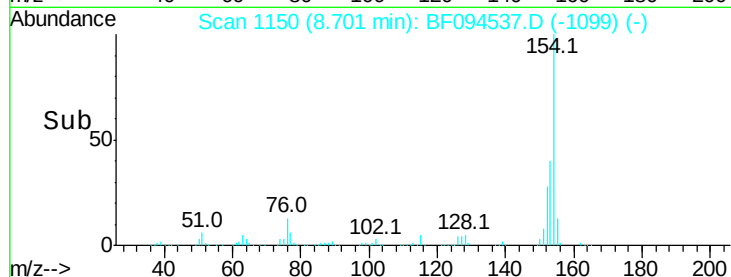
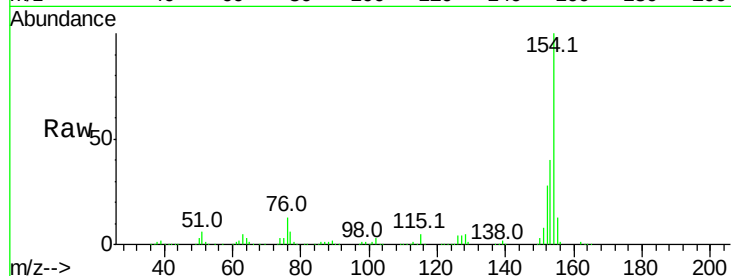




#45
 1,1'-Biphenyl
 Concen: 43.25 ng
 RT: 8.70 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

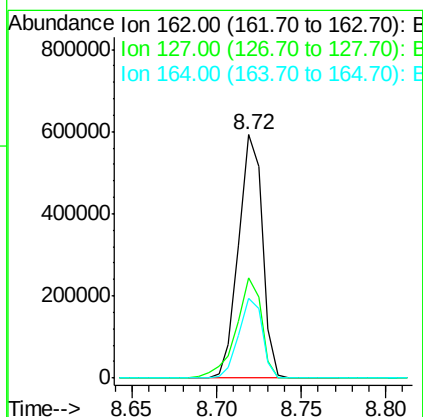
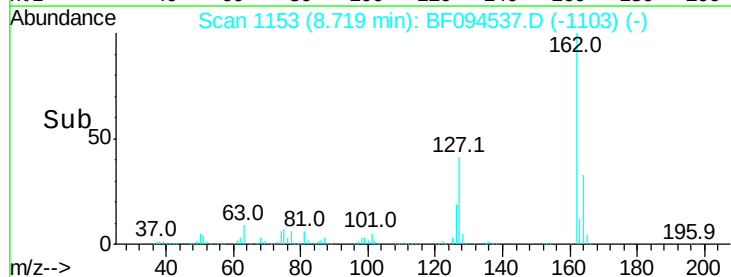
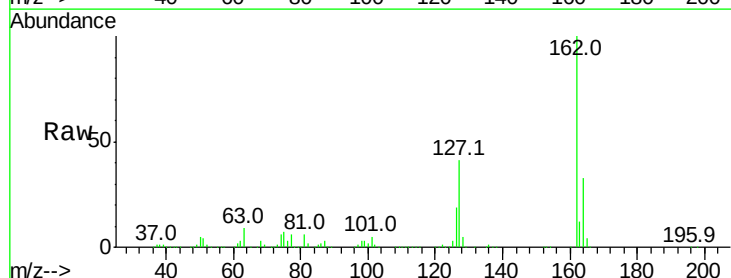
Instrument :
 BNA_F
 ClientSampleId :

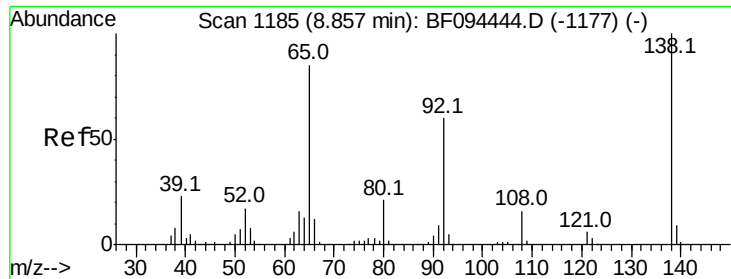
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.2	61.2
76	13.0	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 43.76 ng
 RT: 8.72 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.0	28.3	42.5
164	33.0	27.0	40.4

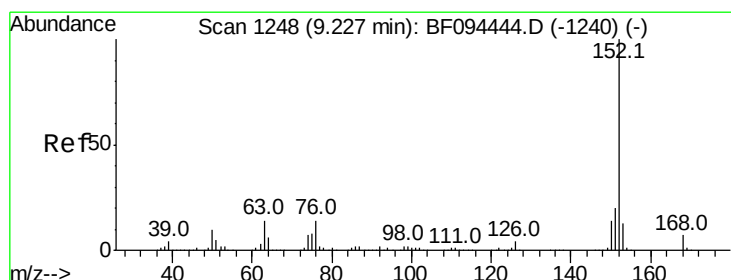
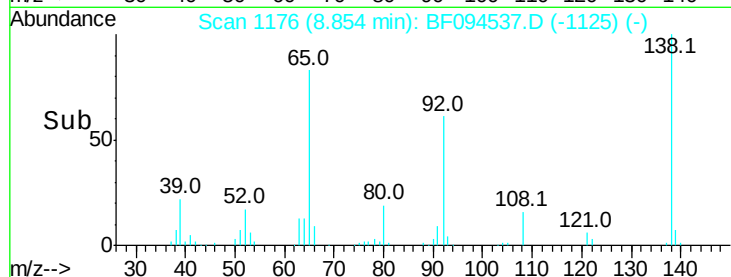
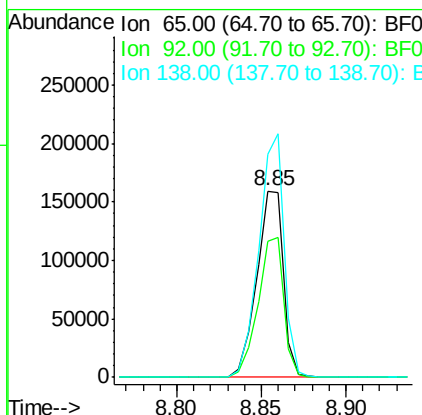
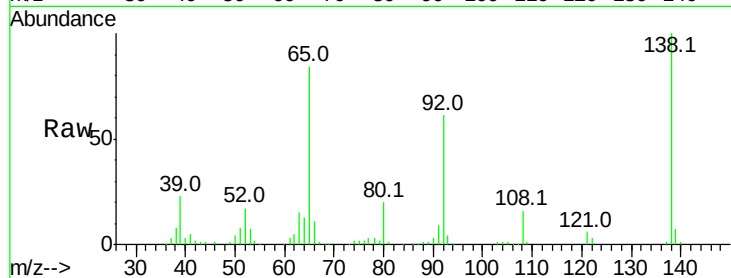




#47
 2-Nitroaniline
 Concen: 45.74 ng
 RT: 8.85 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

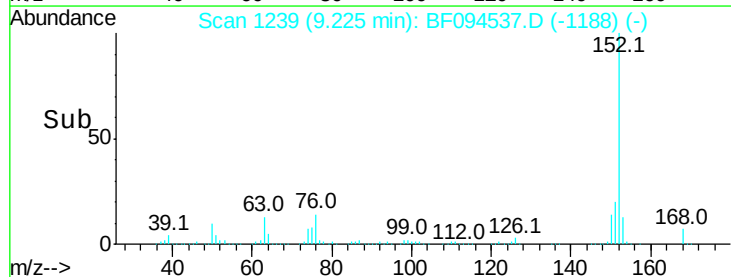
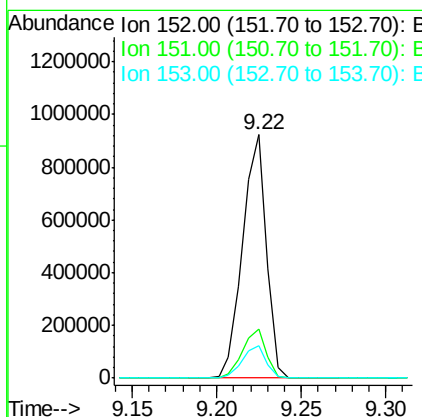
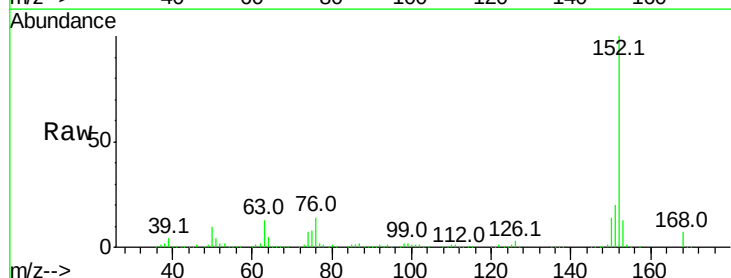
Instrument :
 BNA_F
 ClientSampleId :

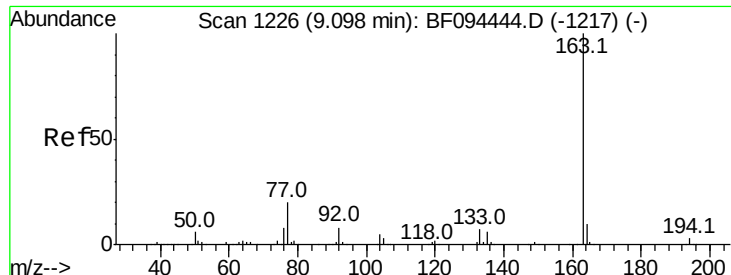
Tot Ion: 65 Resp: 175323
 Ion Ratio Lower Upper
 65 100
 92 72.6 53.9 80.9
 138 119.7 78.8 118.2#



#48
 Acenaphthylene
 Concen: 43.66 ng
 RT: 9.22 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Tgt Ion:152 Resp: 906758
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.8 25.2
 153 13.1 10.8 16.2

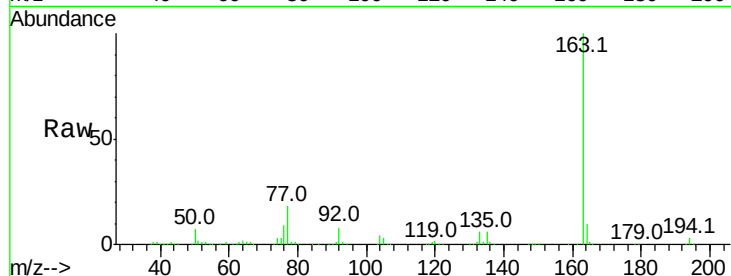




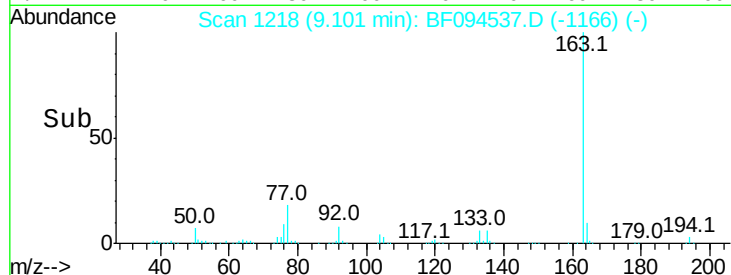
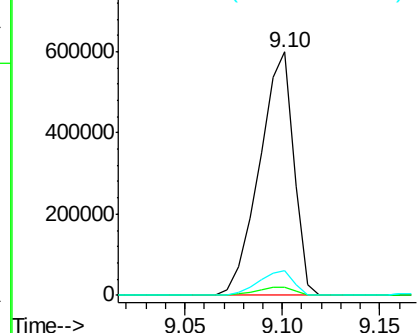
#49
Dimethylphthalate
Concen: 47.55 ng
RT: 9.10 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 726668
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.0 8.4 12.6

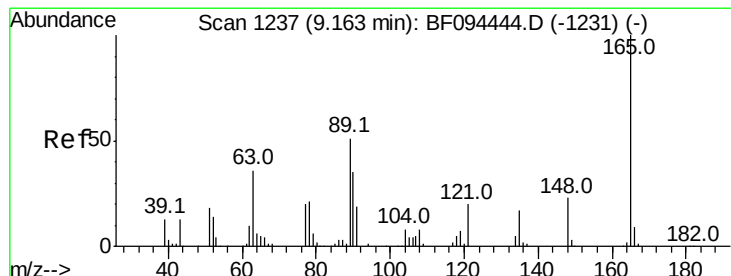


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

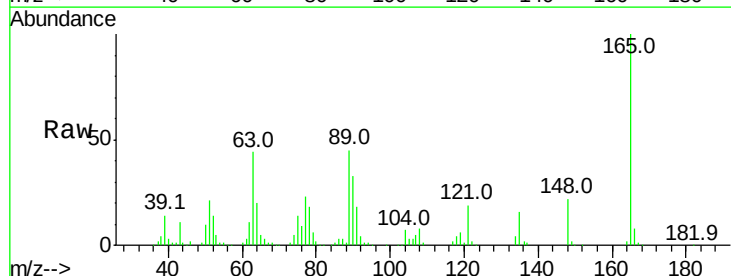
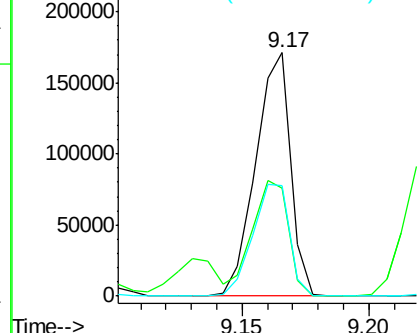


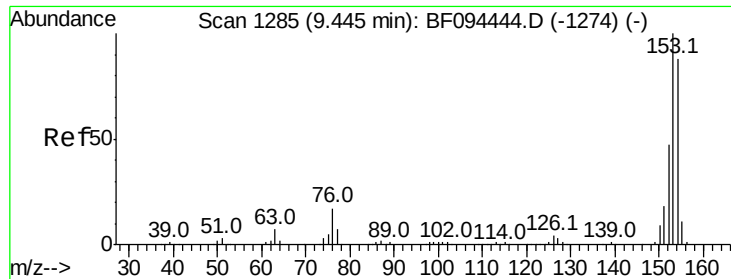
#50
2,6-Dinitrotoluene
Concen: 47.77 ng
RT: 9.17 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion:165 Resp: 163892
Ion Ratio Lower Upper
165 100
63 44.1 34.3 51.5
89 45.3 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: 44.18 ng

RT: 9.44 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Instrument :

BNA_F

ClientSampleId :

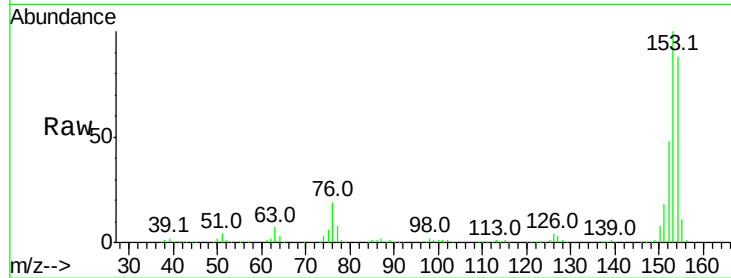
Tot Ion:154 Resp: 549652

Ion Ratio Lower Upper

154 100

153 113.5 90.5 135.7

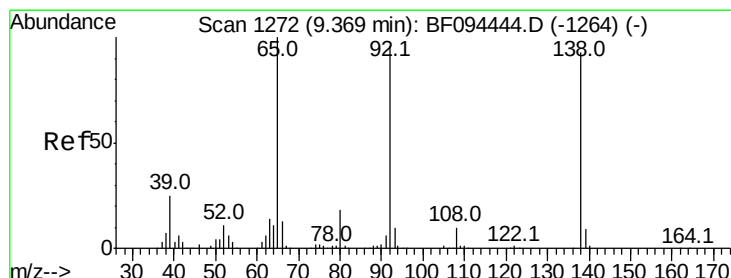
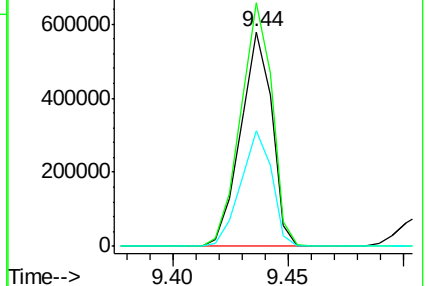
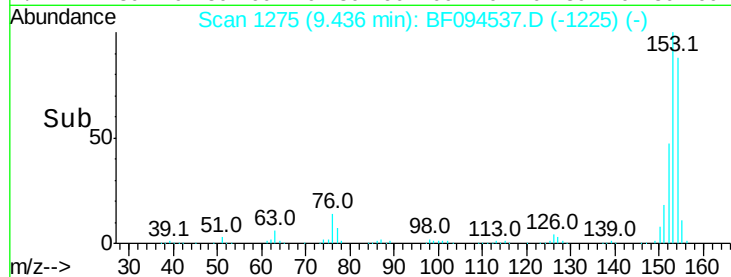
152 54.0 43.6 65.4



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: 23.47 ng

RT: 9.37 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

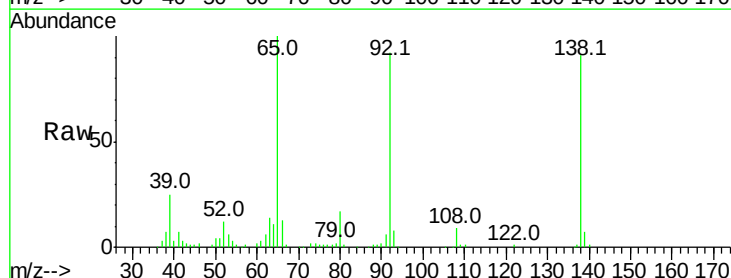
Tgt Ion:138 Resp: 93155

Ion Ratio Lower Upper

138 100

108 9.9 9.1 13.7

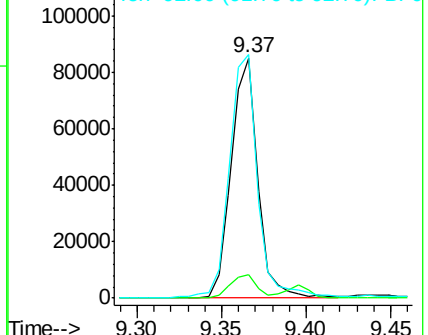
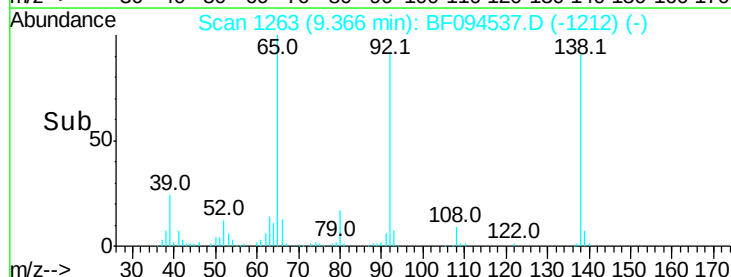
92 101.3 93.8 140.6

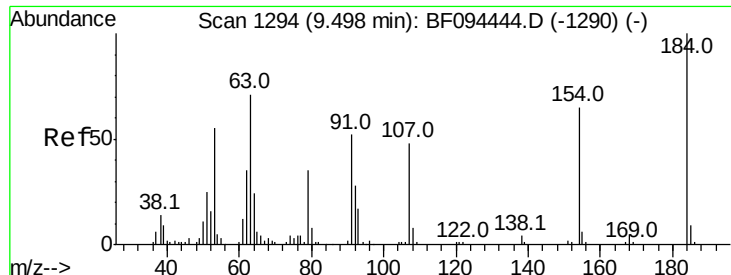


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

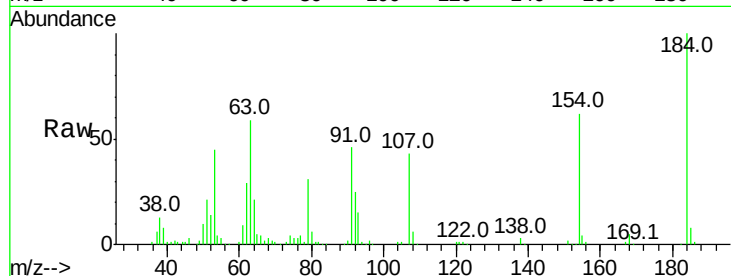




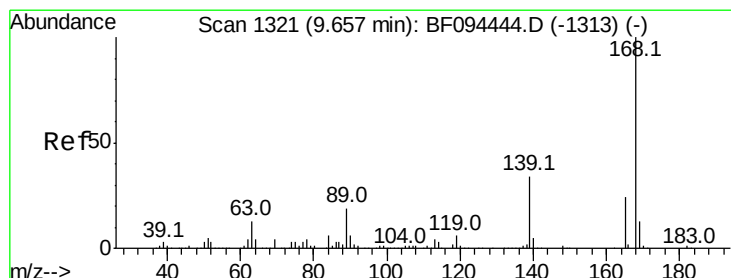
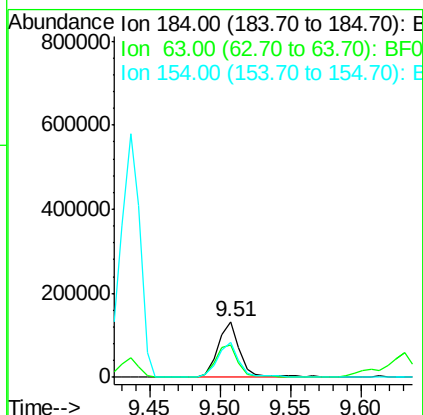
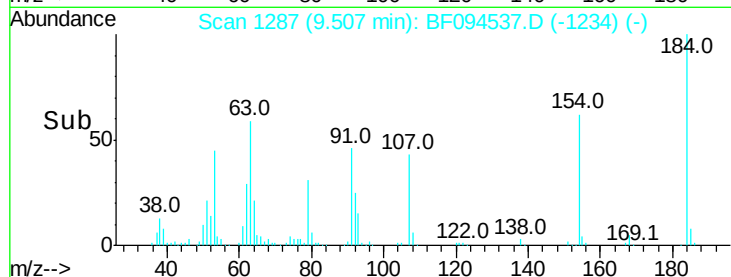
#53
 2,4-Dinitrophenol
 Concen: 78.95 ng
 RT: 9.51 min Scan# 1287
 Delta R.T. 0.01 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 146807
 Ion Ratio Lower Upper
 184 100
 63 58.6 62.7 94.1#
 154 61.6 81.1 121.7#

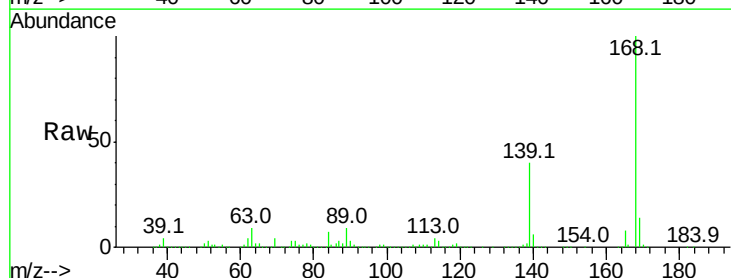


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

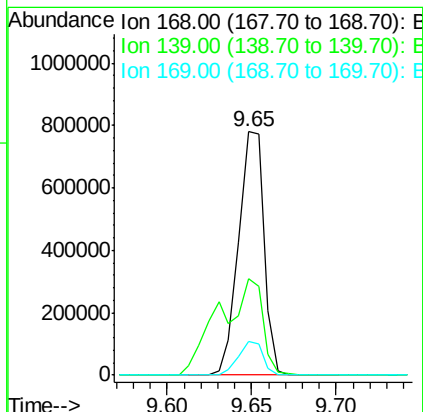
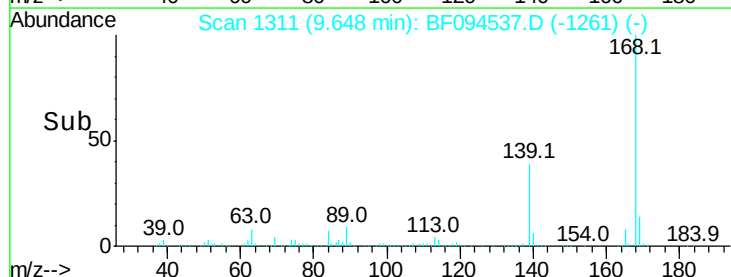


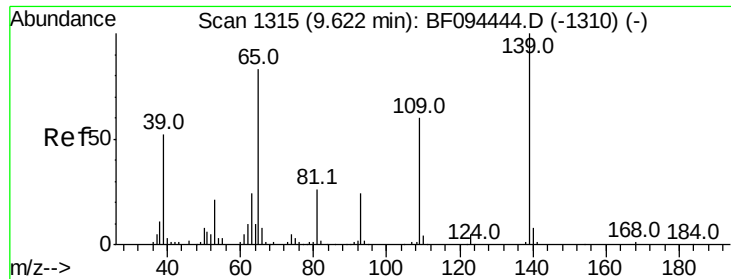
#54
 Dibenzofuran
 Concen: 45.33 ng
 RT: 9.65 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Tgt Ion:168 Resp: 819543
 Ion Ratio Lower Upper
 168 100
 139 39.9 30.6 45.8
 169 13.6 10.8 16.2



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

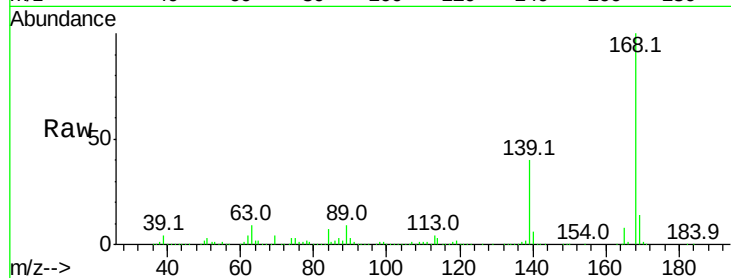




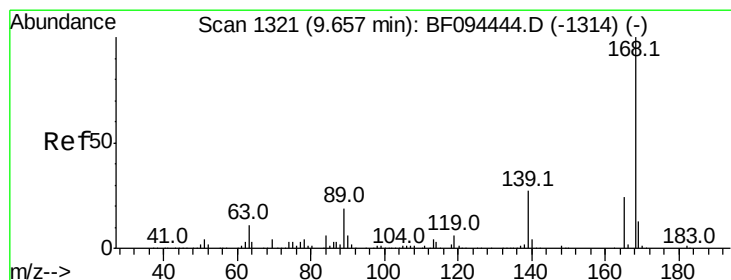
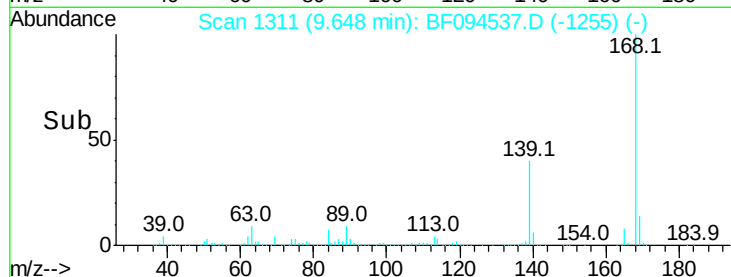
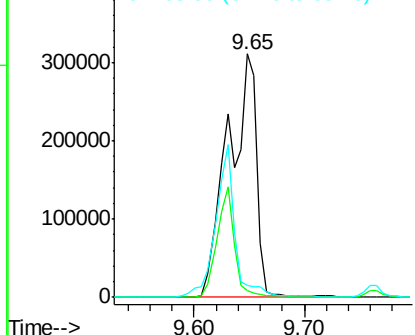
#55
4-Nitrophenol
Concen: 198.92 ng
RT: 9.65 min Scan# 1311
Delta R.T. 0.03 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 557770
Ion Ratio Lower Upper
139 100
109 2.7 34.1 74.1#
65 4.7 31.4 71.4#

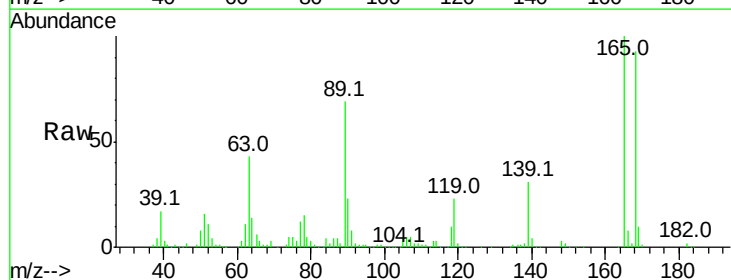


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

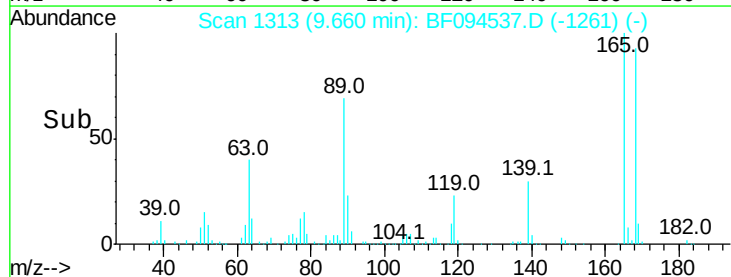
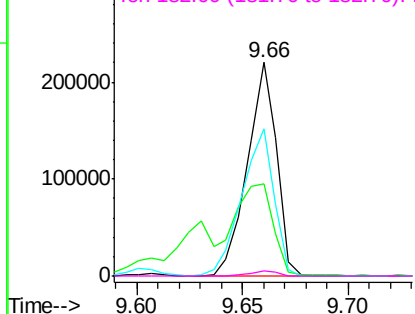


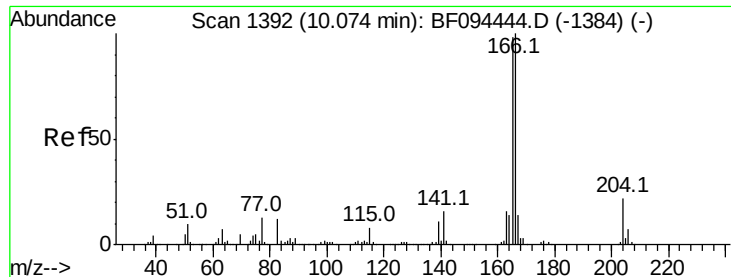
#56
2,4-Dinitrotoluene
Concen: 50.20 ng
RT: 9.66 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion:165 Resp: 211323
Ion Ratio Lower Upper
165 100
63 43.1 25.4 38.0#
89 69.0 46.4 69.6
182 2.4 1.8 2.6



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

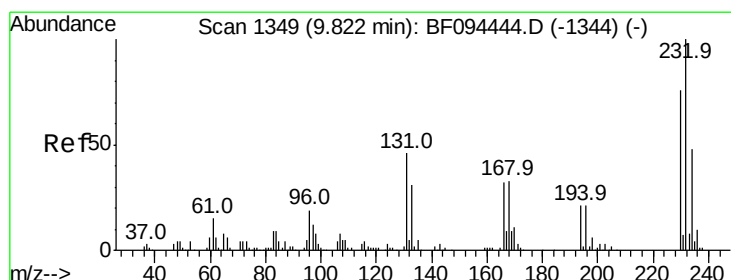
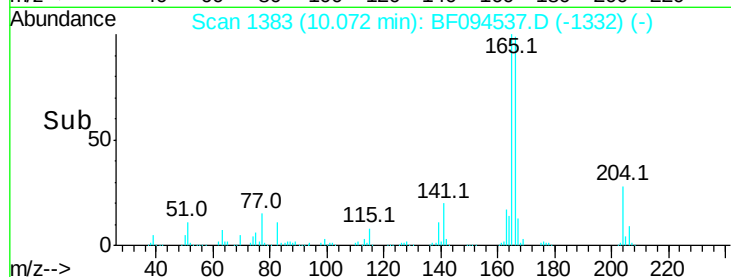
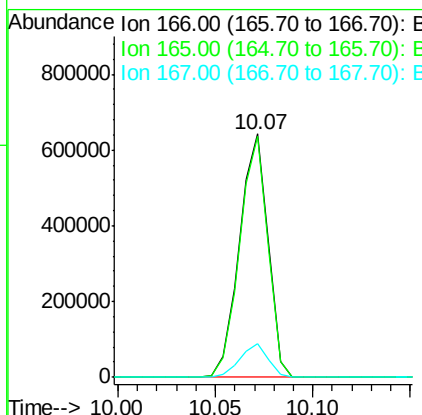
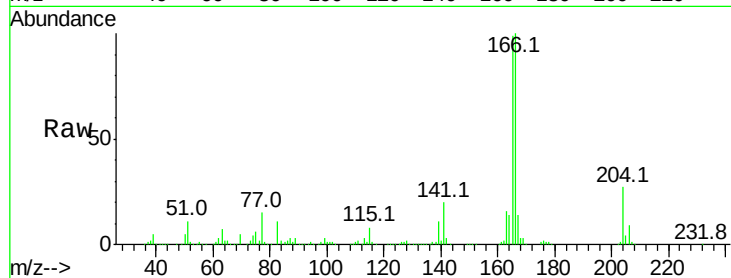




#57
 Fluorene
 Concen: 46.11 ng
 RT: 10.07 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

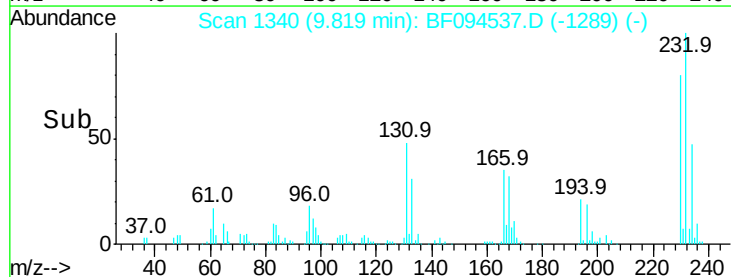
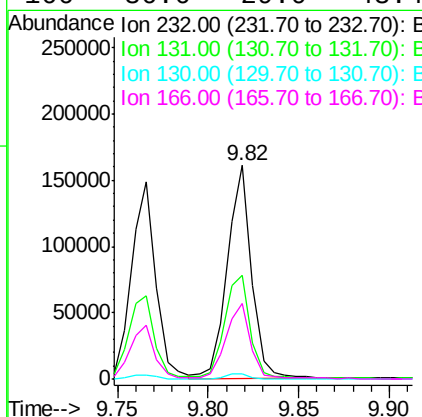
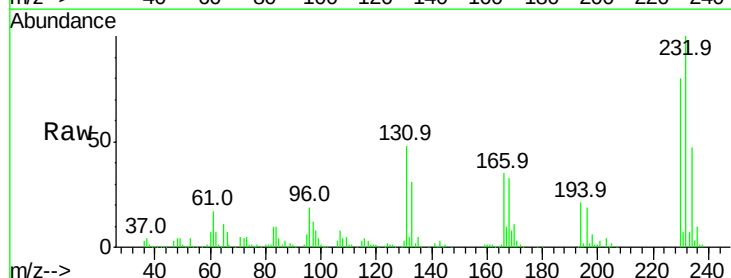
Instrument :
 BNA_F
 ClientSampleId :

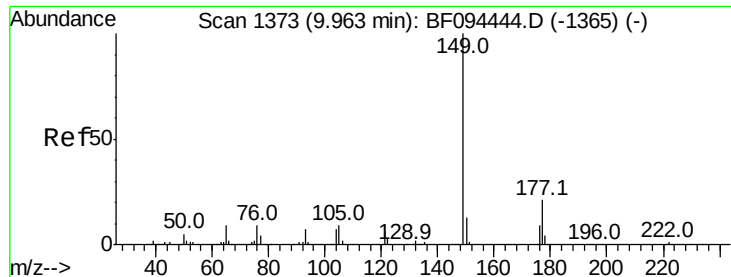
Tot Ion:166 Resp: 649264
 Ion Ratio Lower Upper
 166 100
 165 98.8 78.8 118.2
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.46 ng
 RT: 9.82 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Tgt Ion:232 Resp: 149310
 Ion Ratio Lower Upper
 232 100
 131 51.2 44.8 67.2
 130 2.6 2.3 3.5
 166 36.6 29.0 43.4

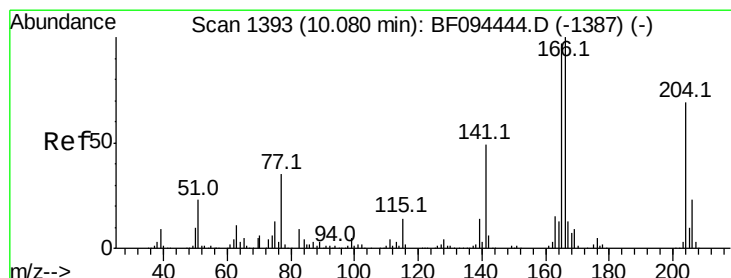
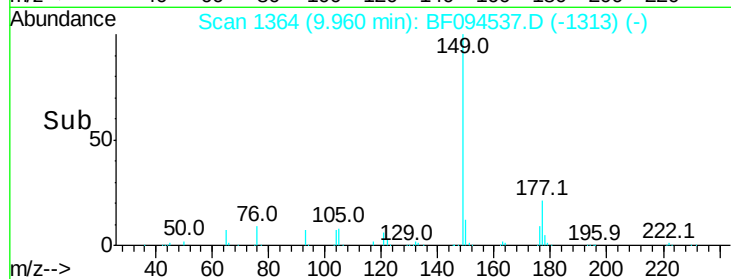
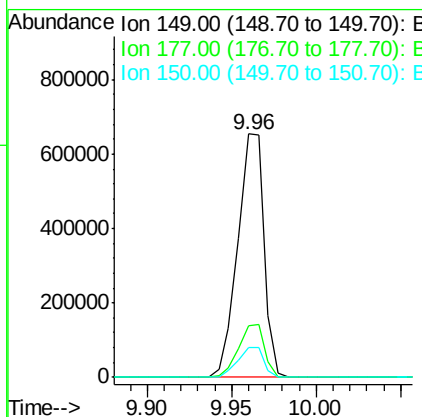
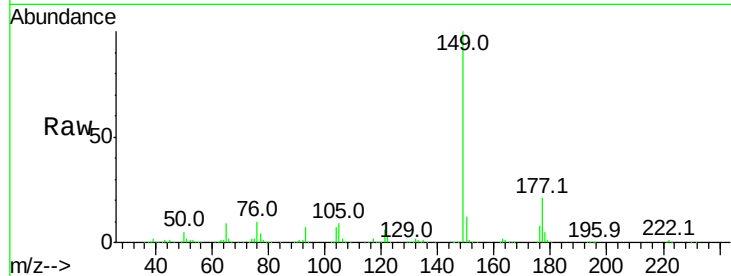




#59
Diethylphthalate
Concen: 49.20 ng
RT: 9.96 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

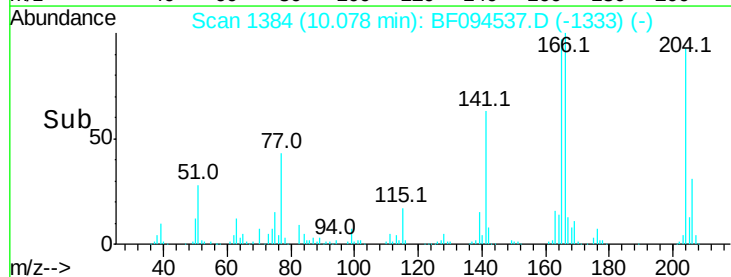
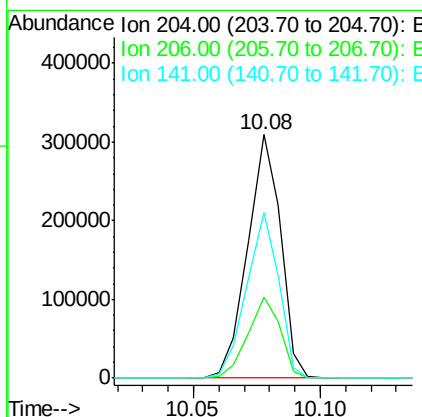
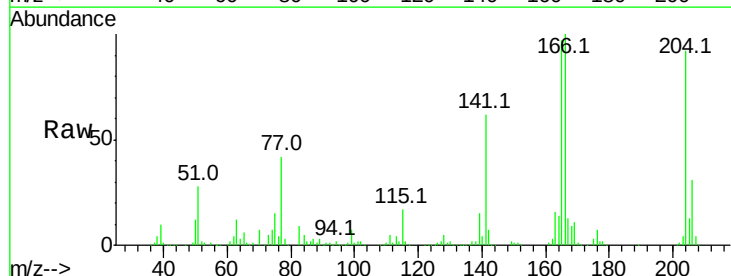
Instrument :
BNA_F
ClientSampleId :

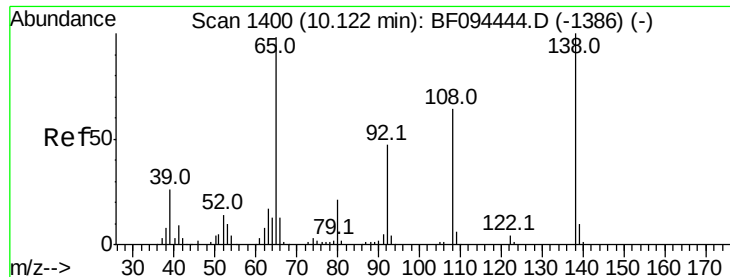
Tot Ion:149 Resp: 709477
Ion Ratio Lower Upper
149 100
177 21.1 16.7 25.1
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 47.88 ng
RT: 10.08 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion:204 Resp: 280534
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 67.7 60.8 91.2





#61

4-Nitroaniline

Concen: 40.86 ng

RT: 10.12 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Instrument :

BNA_F

ClientSampleId :

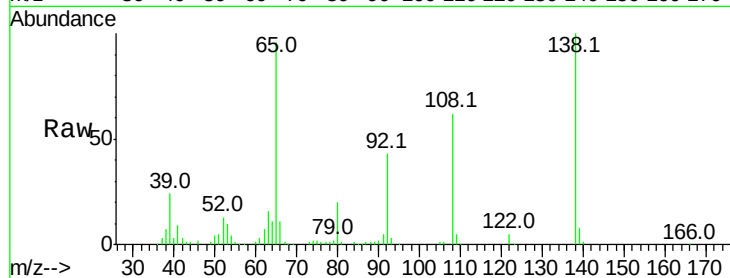
Tot Ion:138 Resp: 164848

Ion Ratio Lower Upper

138 100

92 43.5 21.8 61.8

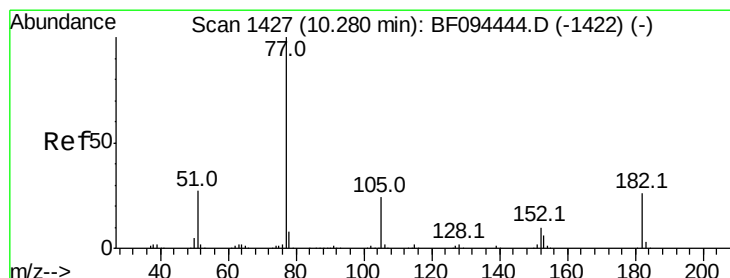
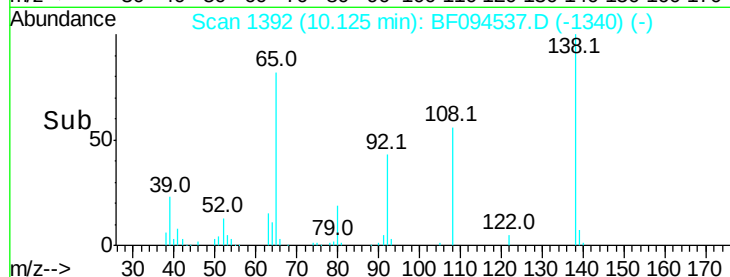
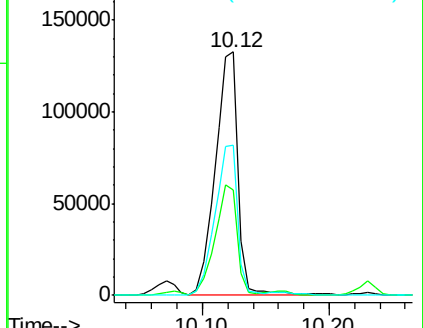
108 61.7 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.31 ng

RT: 10.27 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Tgt Ion: 77 Resp: 662353

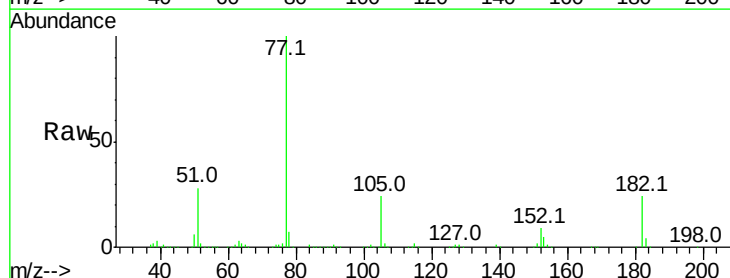
Ion Ratio Lower Upper

77 100

182 23.8 0.1 40.1

105 23.7 3.6 43.6

51 27.6 9.4 49.4

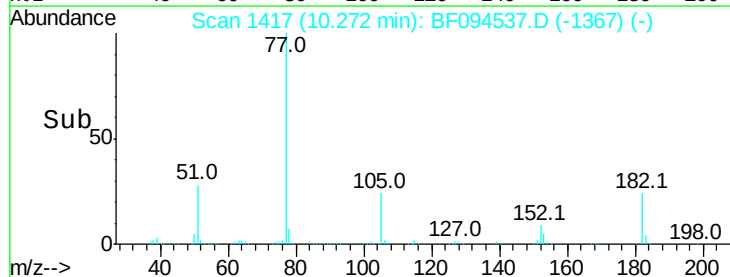
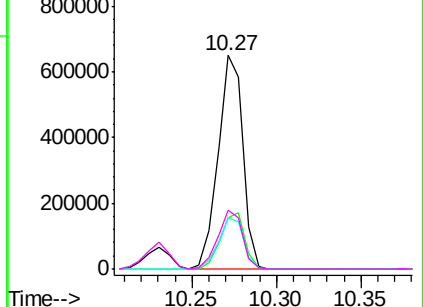


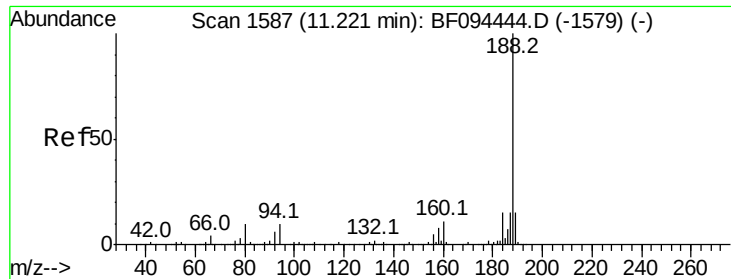
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

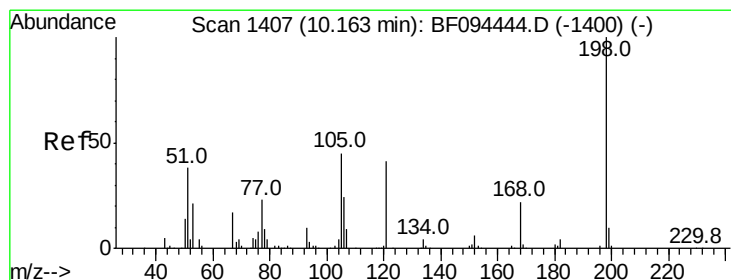
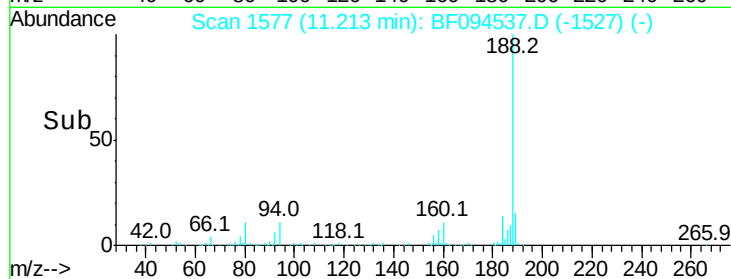
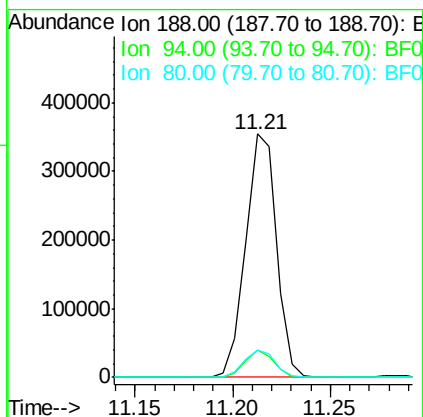
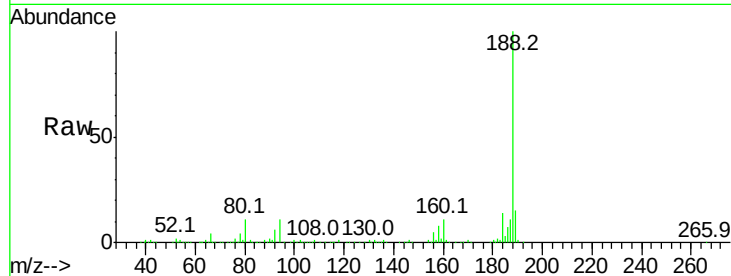




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

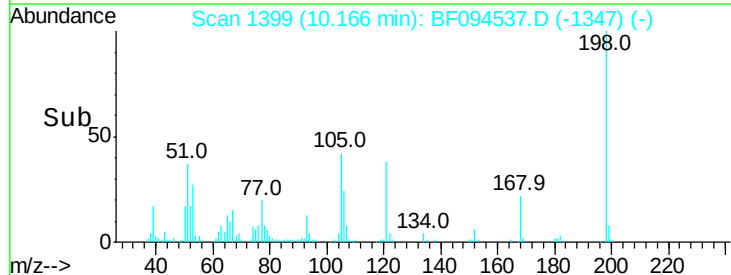
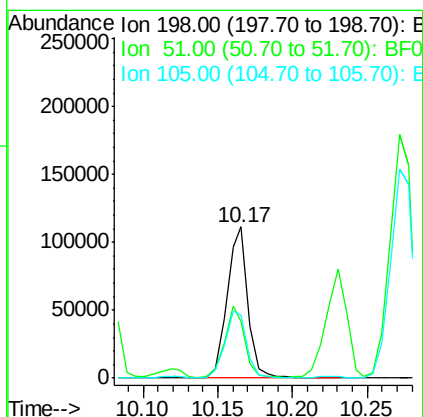
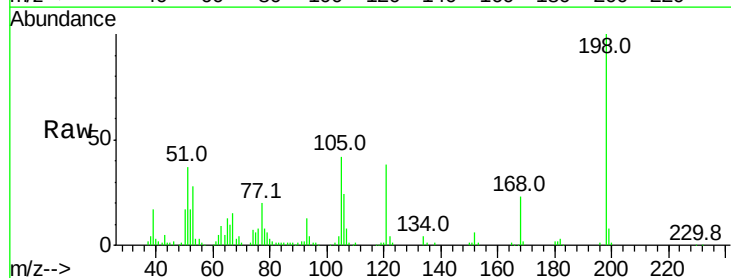
Instrument :
BNA_F
ClientSampleId :

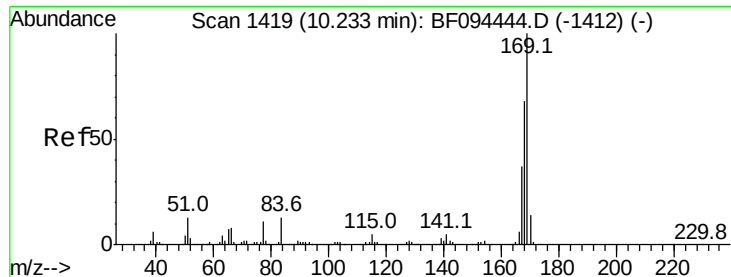
Tot Ion:188 Resp: 388100
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 11.4 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 43.33 ng
RT: 10.17 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion:198 Resp: 110179
Ion Ratio Lower Upper
198 100
51 37.2 53.2 93.2#
105 41.9 45.8 85.8#

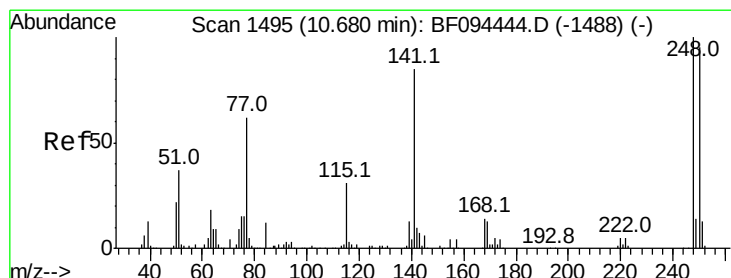
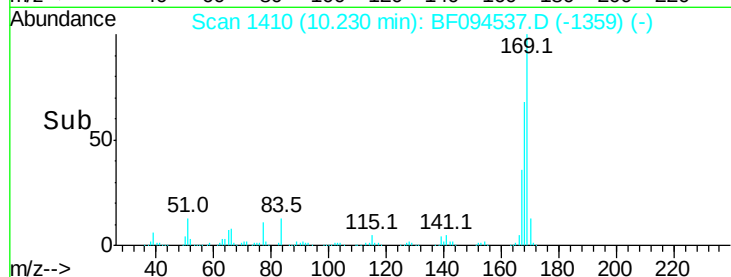
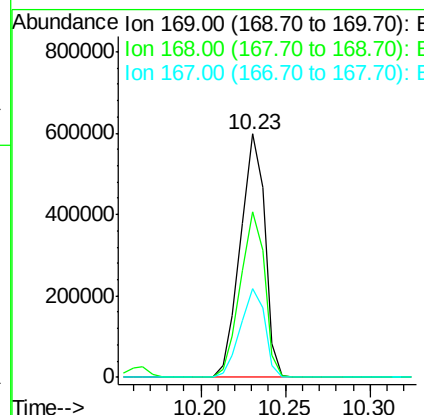
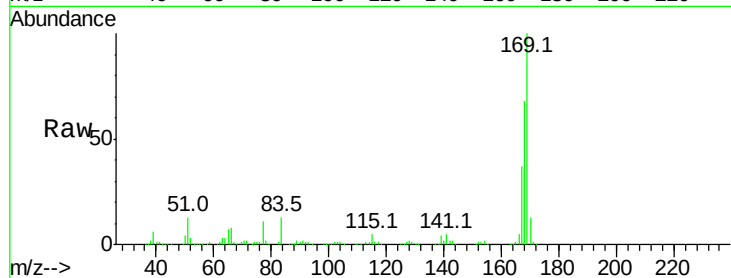




#65
 n-Nitrosodiphenylamine
 Concen: 44.79 ng
 RT: 10.23 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

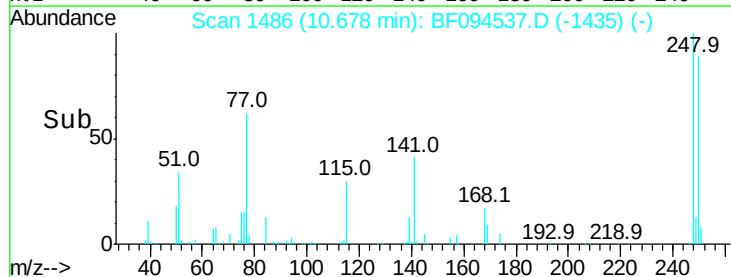
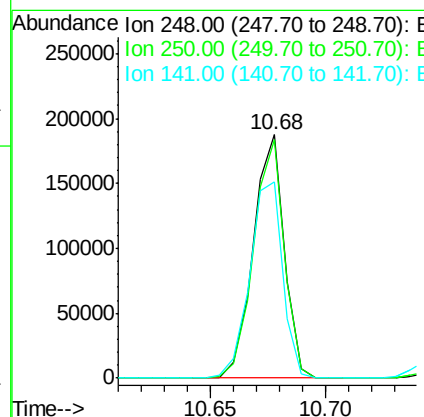
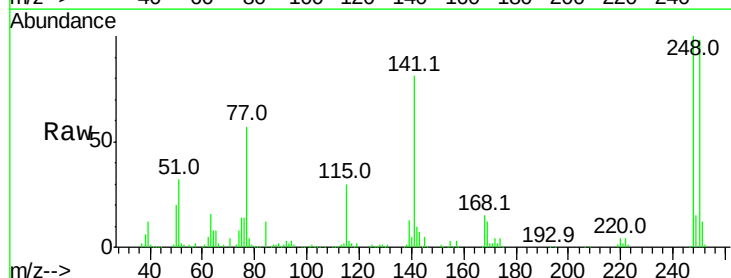
Instrument :
 BNA_F
 ClientSampleId :

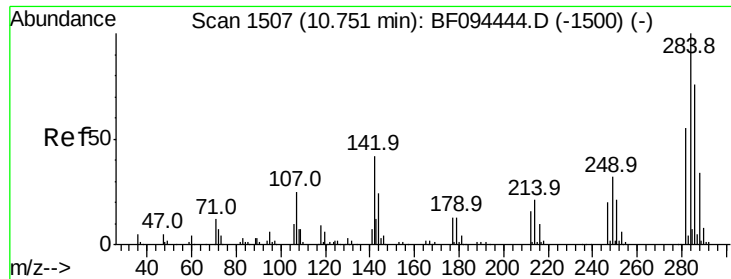
Tot Ion:169 Resp: 604541
 Ion Ratio Lower Upper
 169 100
 168 68.1 53.2 79.8
 167 36.5 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 45.60 ng
 RT: 10.68 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Tgt Ion:248 Resp: 175740
 Ion Ratio Lower Upper
 248 100
 250 97.9 76.8 115.2
 141 80.5 68.6 103.0

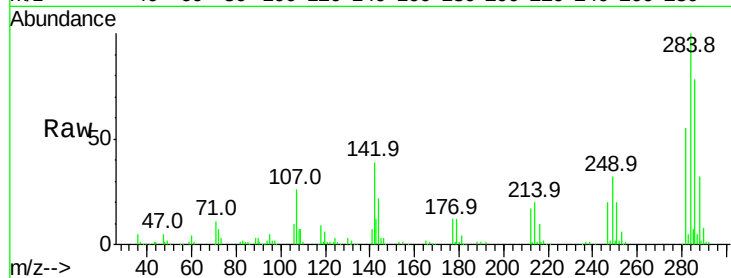




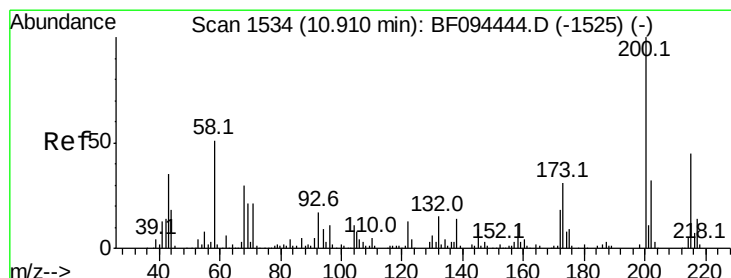
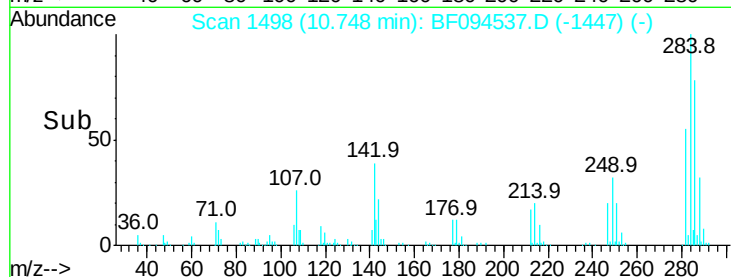
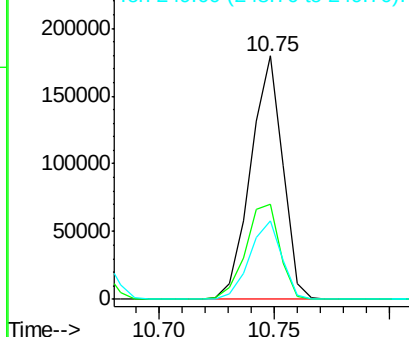
#67
Hexachlorobenzene
Concen: 44.85 ng
RT: 10.75 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 174172
Ion Ratio Lower Upper
284 100
142 38.8 22.8 34.2#
249 32.3 24.0 36.0

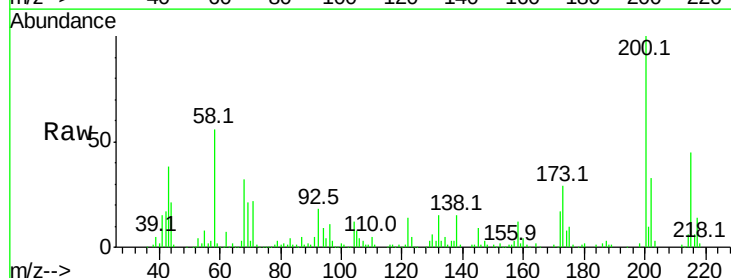


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

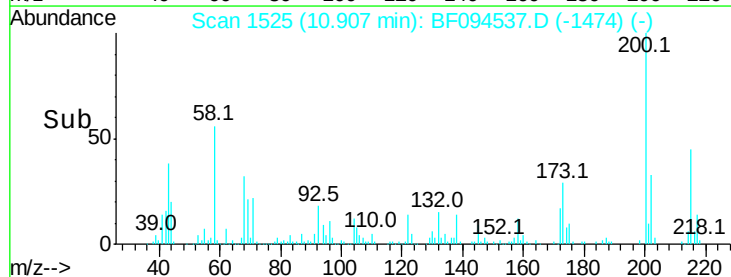
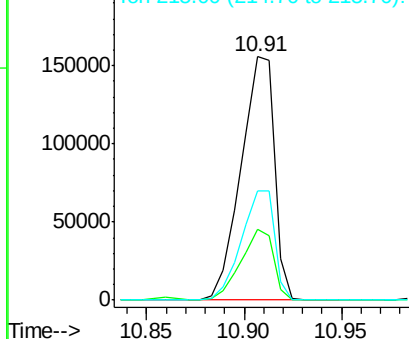


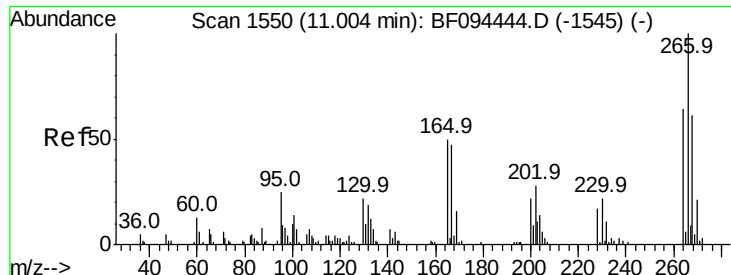
#68
Atrazine
Concen: 45.92 ng
RT: 10.91 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion:200 Resp: 185410
Ion Ratio Lower Upper
200 100
173 29.3 6.3 46.3
215 44.6 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

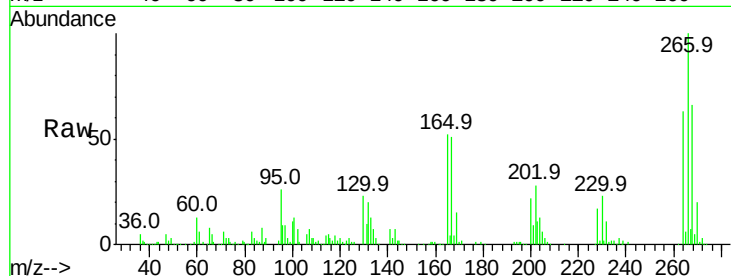




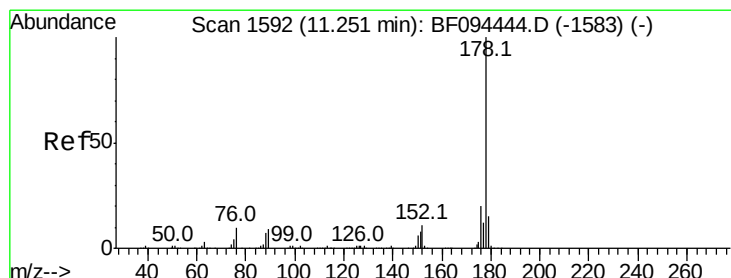
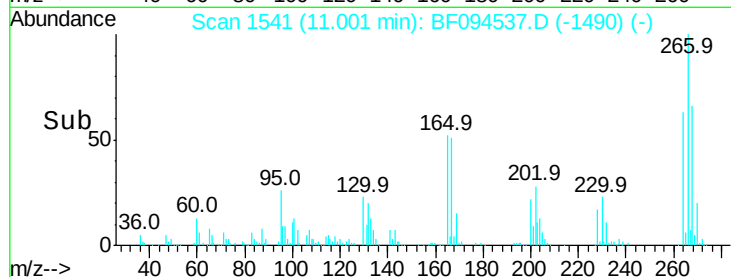
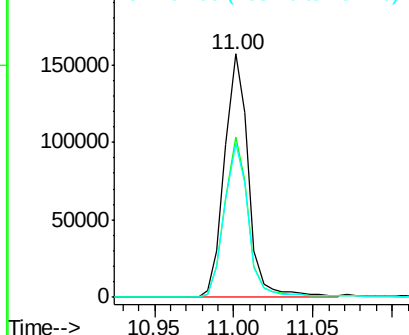
#69
 Pentachlorophenol
 Concen: 107.58 ng
 RT: 11.00 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 165903
 Ion Ratio Lower Upper
 266 100
 268 65.8 51.1 76.7
 264 63.4 51.7 77.5

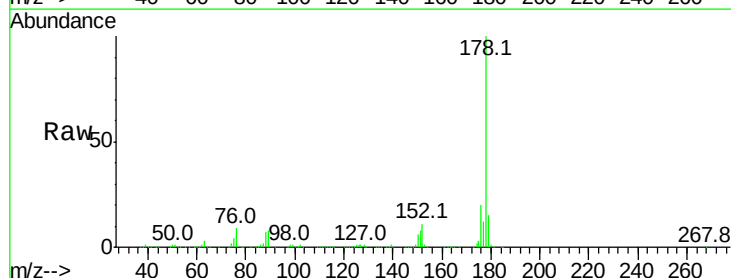


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

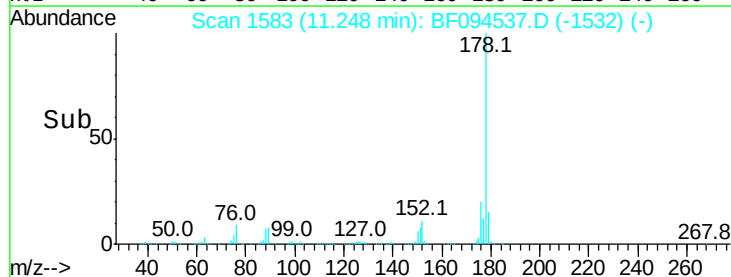
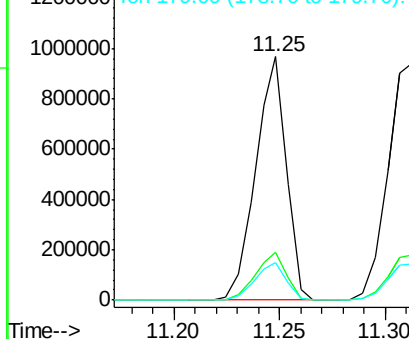


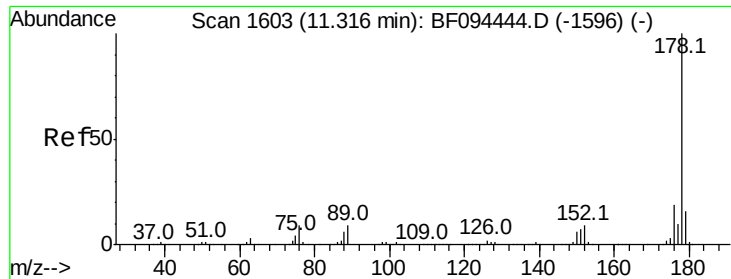
#70
 Phenanthrene
 Concen: 44.55 ng
 RT: 11.25 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Tgt Ion:178 Resp: 973573
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.2 24.4
 179 15.2 12.6 19.0



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

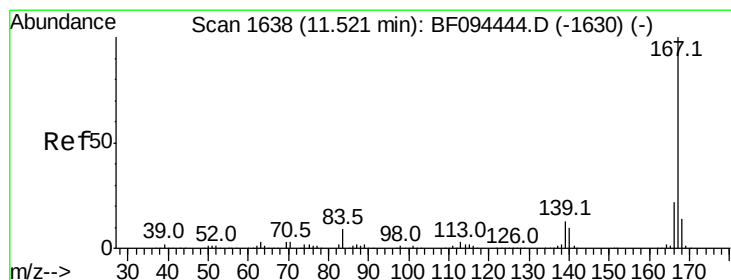
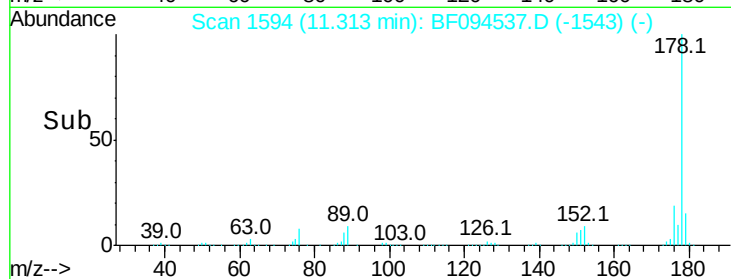
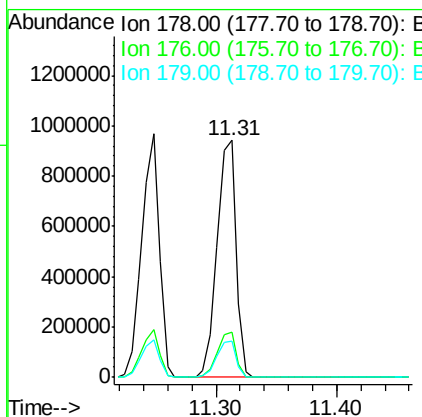
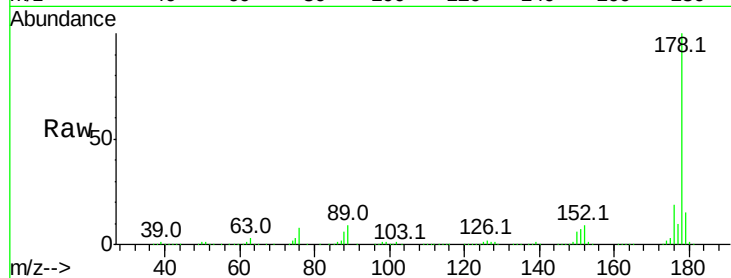




#71
 Anthracene
 Concen: 44.99 ng
 RT: 11.31 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

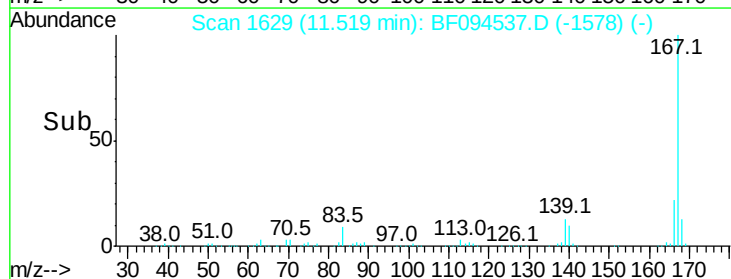
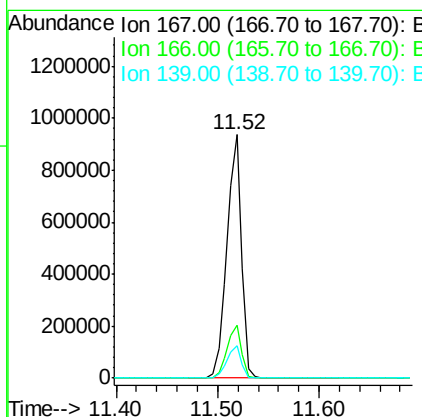
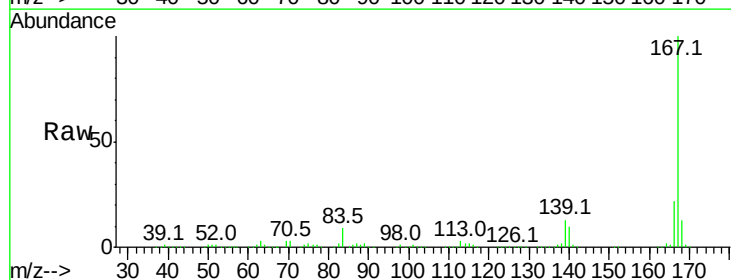
Instrument :
 BNA_F
 ClientSampleId :

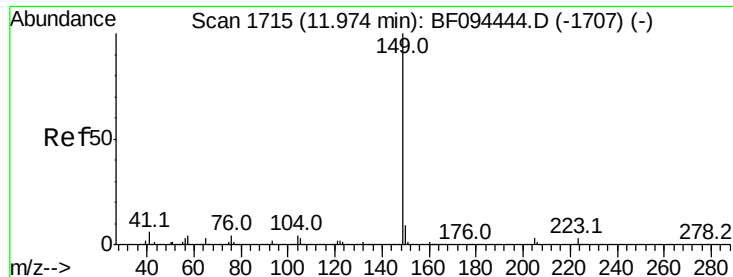
Tot Ion:178 Resp: 1017069
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 44.20 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Tgt Ion:167 Resp: 937751
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.3 11.7 17.5





#73

Di-n-butylphthalate

Concen: 50.27 ng

RT: 11.97 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Instrument :

BNA_F

ClientSampled :

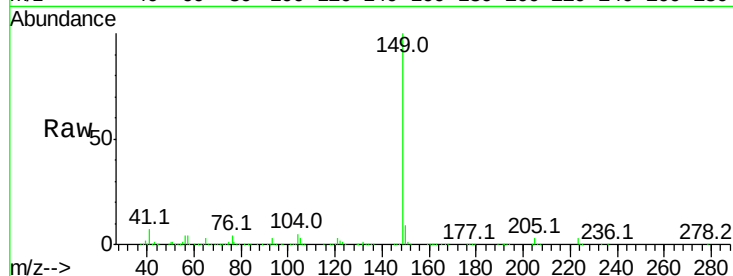
Tot Ion:149 Resp: 1174330

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

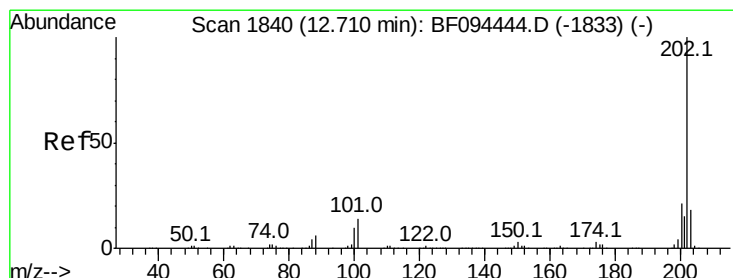
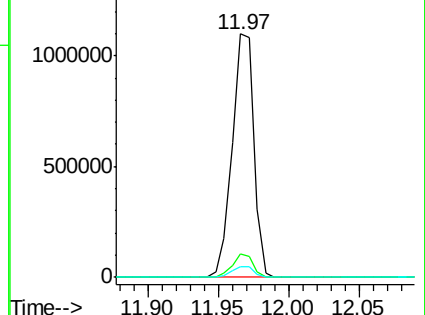
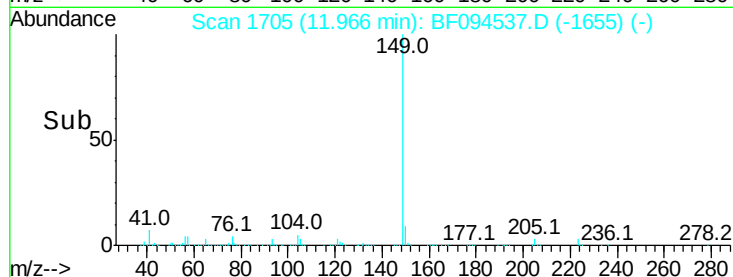
104 4.6 4.0 6.0



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: 45.11 ng

RT: 12.71 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

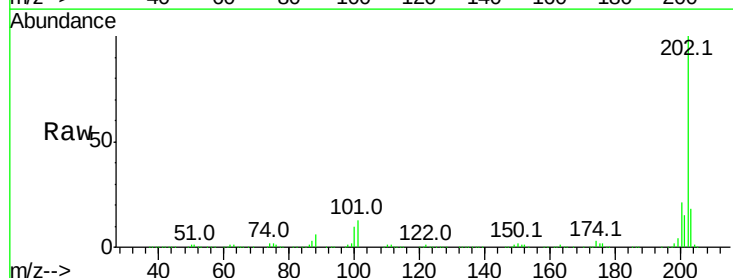
Tgt Ion:202 Resp: 1021670

Ion Ratio Lower Upper

202 100

101 12.7 0.0 33.2

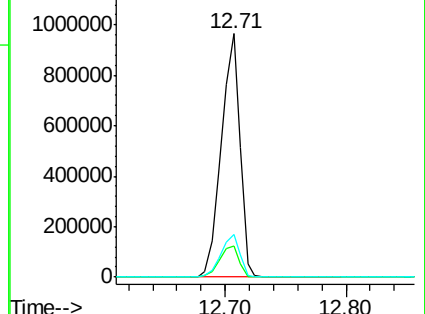
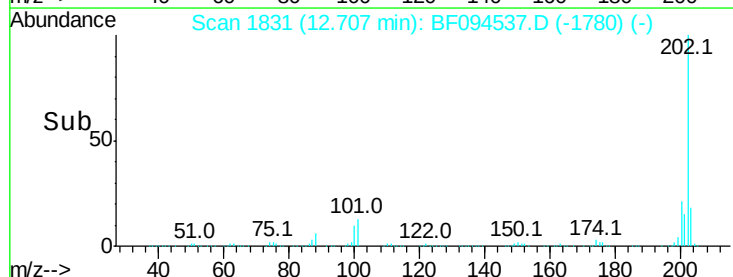
203 17.7 0.0 38.1

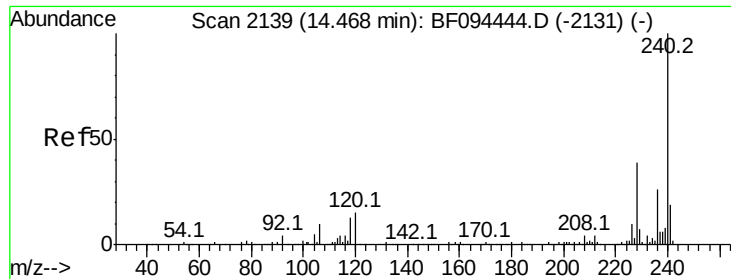


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

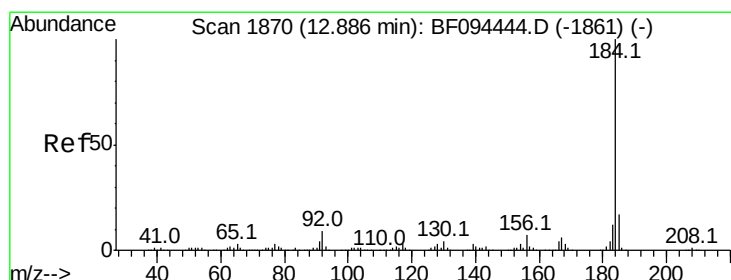
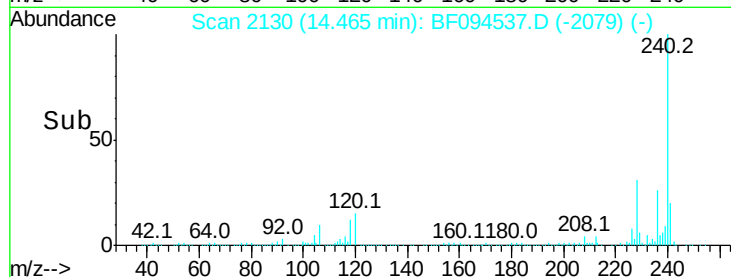
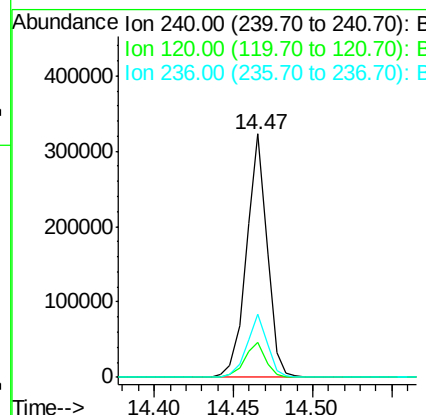
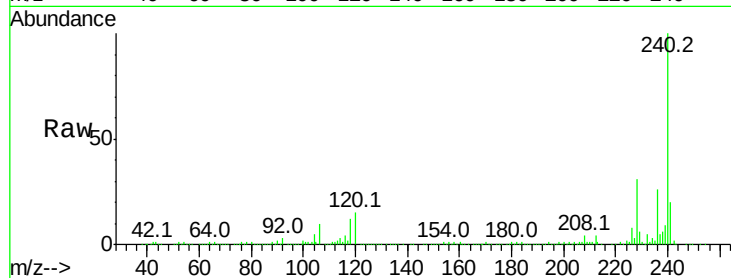




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

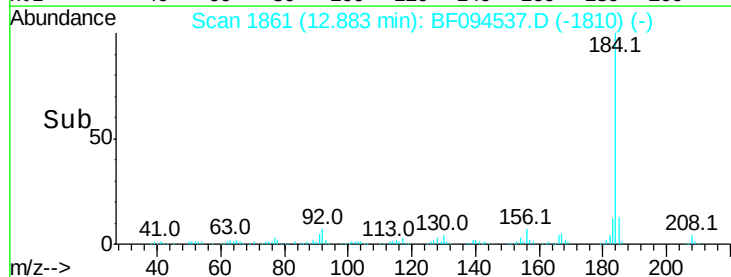
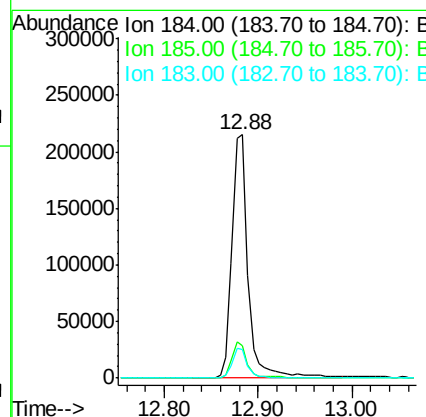
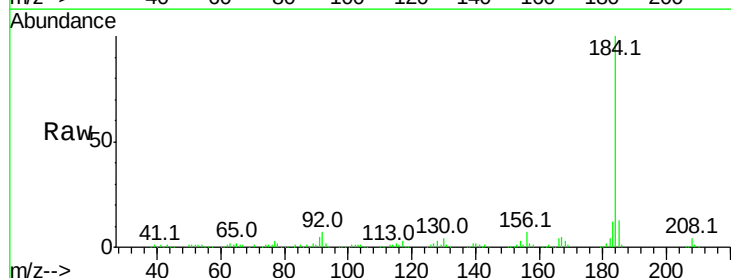
Instrument :
BNA_F
ClientSampleId :

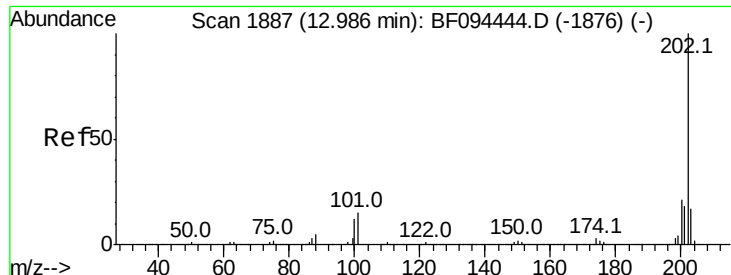
Tot Ion:240 Resp: 290844
Ion Ratio Lower Upper
240 100
120 14.6 5.8 8.8#
236 25.8 20.5 30.7



#76
Benzidine
Concen: 22.01 ng
RT: 12.88 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion:184 Resp: 259151
Ion Ratio Lower Upper
184 100
185 13.3 15.5 23.3#
183 11.6 9.8 14.6

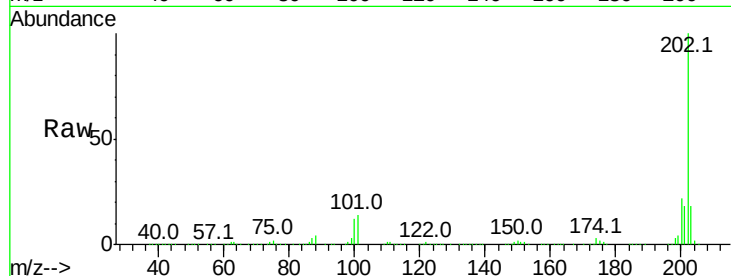




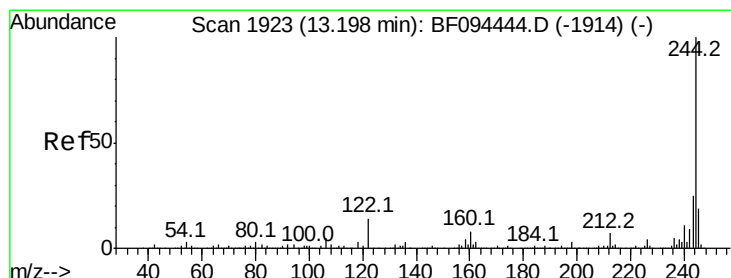
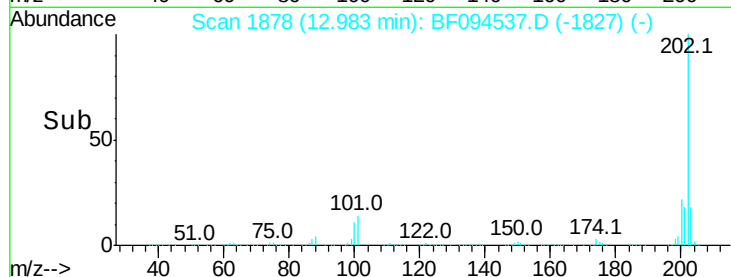
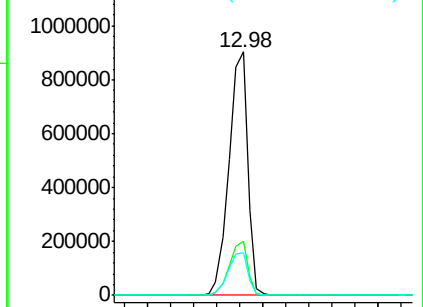
#77
Pvrene
Concen: 50.00 ng
RT: 12.98 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1015928
Ion Ratio Lower Upper
202 100
200 22.0 17.6 26.4
203 17.8 14.4 21.6

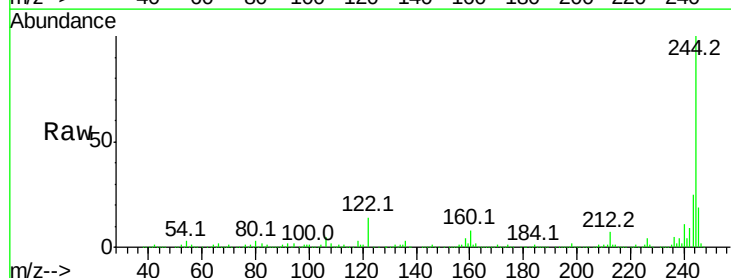


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

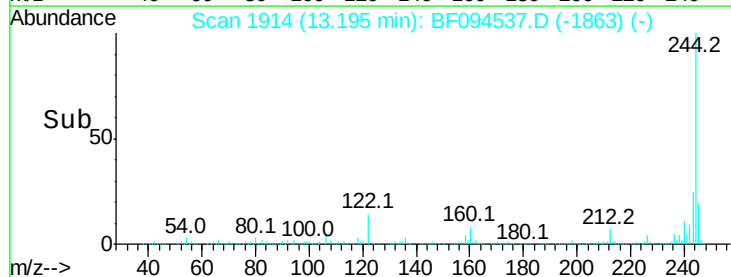
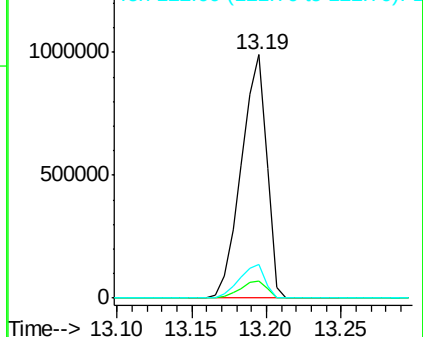


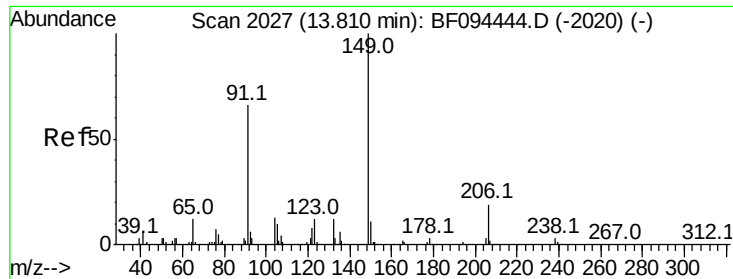
#78
Terphenyl-d14
Concen: 107.57 ng
RT: 13.19 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion:244 Resp: 1170434
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 13.8 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

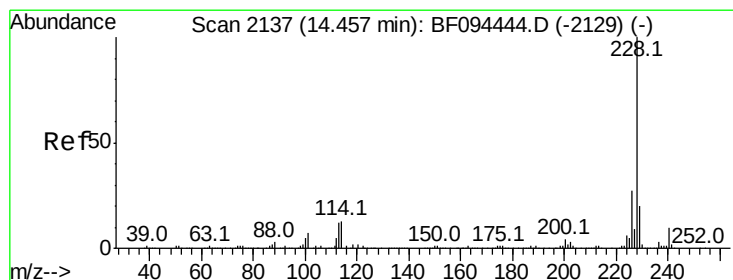
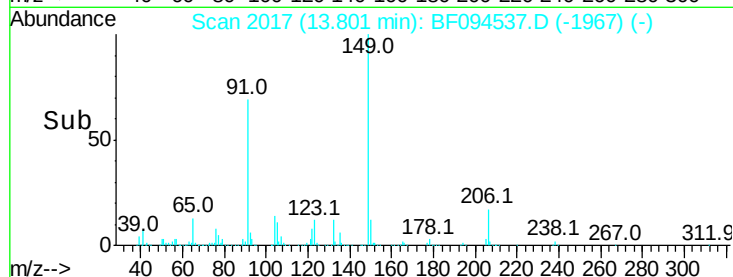
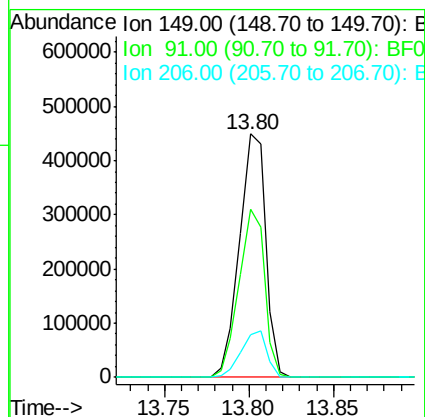
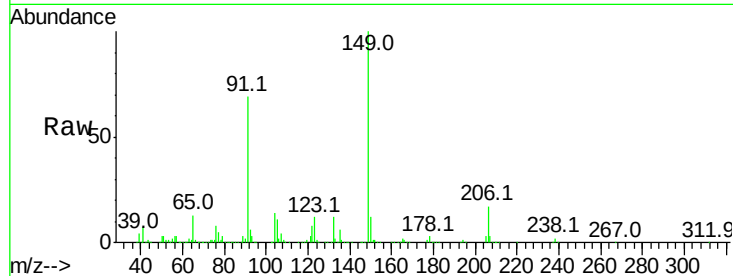




#79
Butylbenzylphthalate
Concen: 55.01 ng
RT: 13.80 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

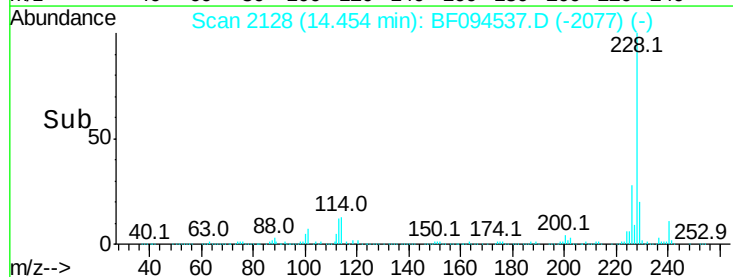
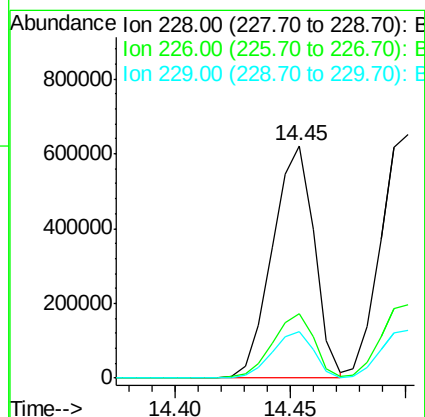
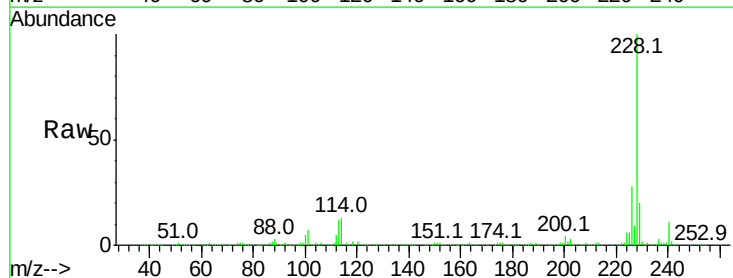
Instrument :
BNA_F
ClientSampleId :

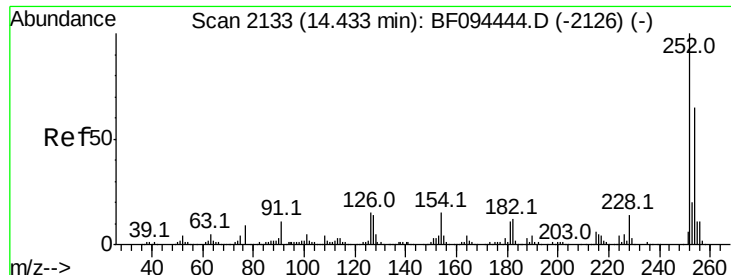
Tot Ion:149 Resp: 489892
Ion Ratio Lower Upper
149 100
91 69.2 45.0 67.4#
206 17.3 17.0 25.6



#80
Benzo(a)anthracene
Concen: 46.09 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion:228 Resp: 779145
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.1 16.3 24.5

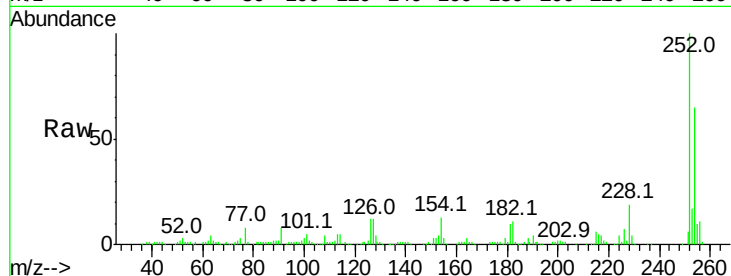




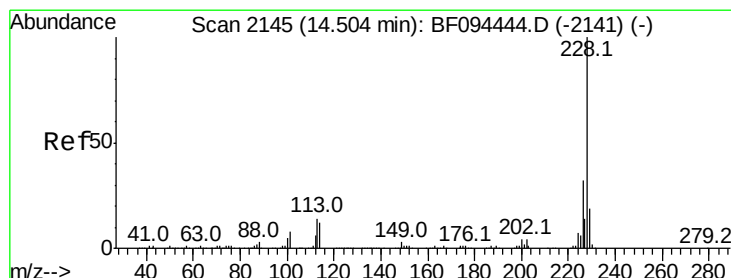
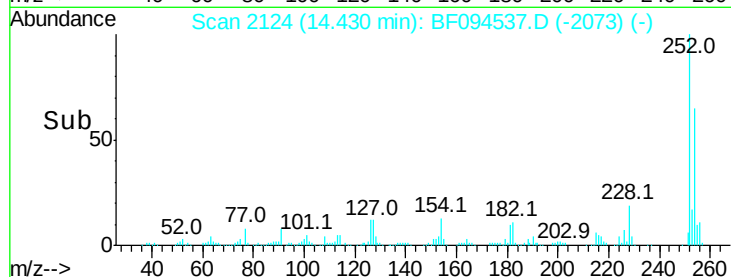
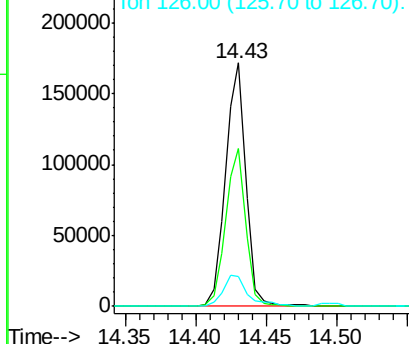
#81
 3,3'-Dichlorobenzidine
 Concen: 28.60 ng
 RT: 14.43 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 171163
 Ion Ratio Lower Upper
 252 100
 254 64.7 51.5 77.3
 126 12.3 15.8 23.8#

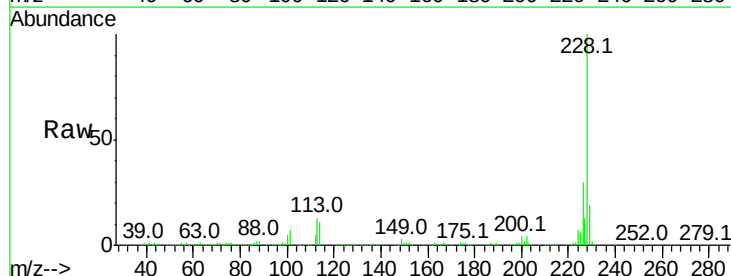


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

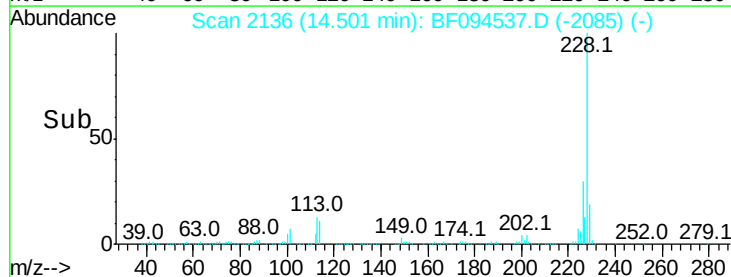
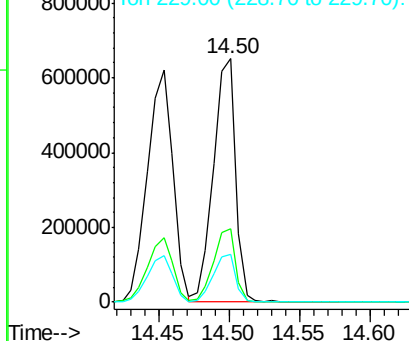


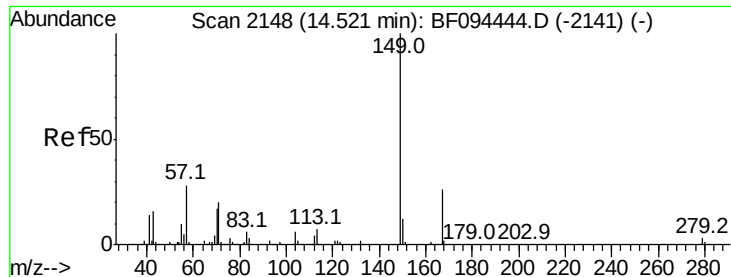
#82
 Chrysene
 Concen: 46.09 ng
 RT: 14.50 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Tgt Ion:228 Resp: 712115
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.9 37.3
 229 19.4 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: 56.70 ng

RT: 14.52 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Instrument :

BNA_F

ClientSampleId :

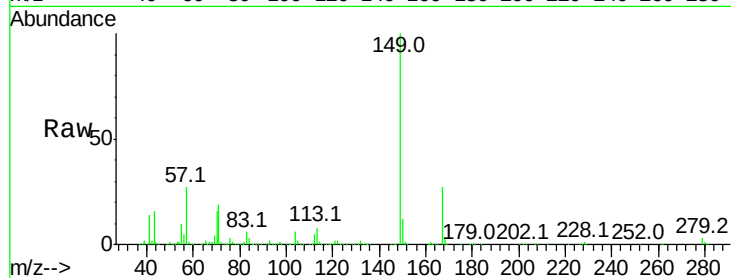
Tot Ion:149 Resp: 677940

Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

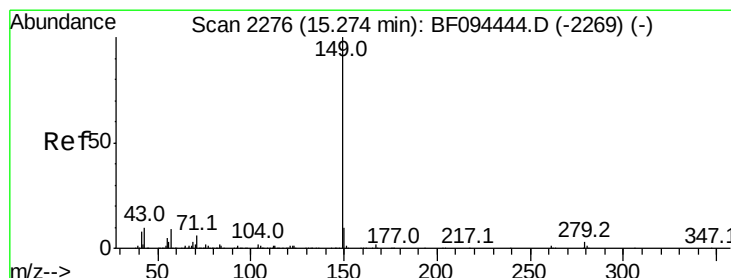
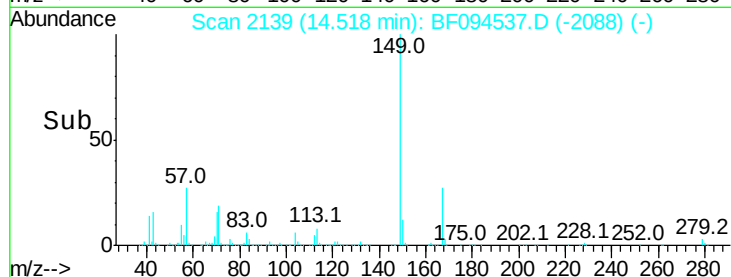
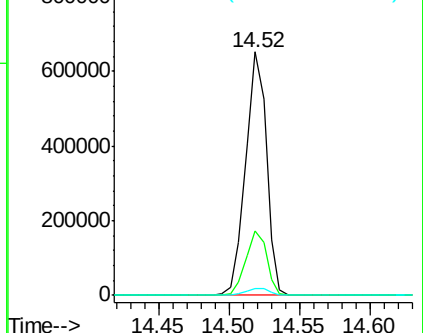
279 3.0 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 50.78 ng

RT: 15.27 min Scan# 2267

Delta R.T. -0.00 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

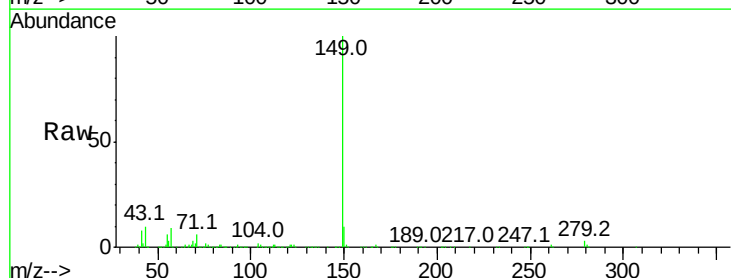
Tgt Ion:149 Resp: 1018503

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

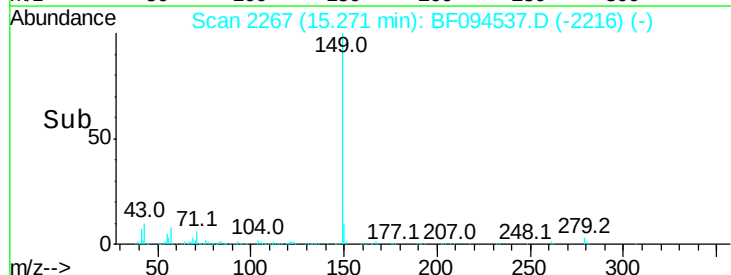
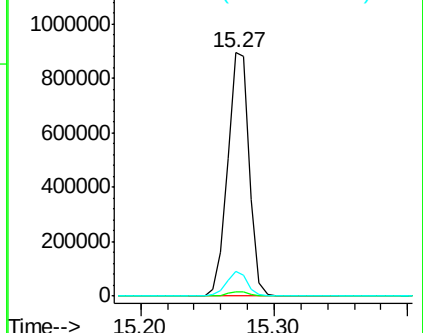
43 9.3 8.5 12.7

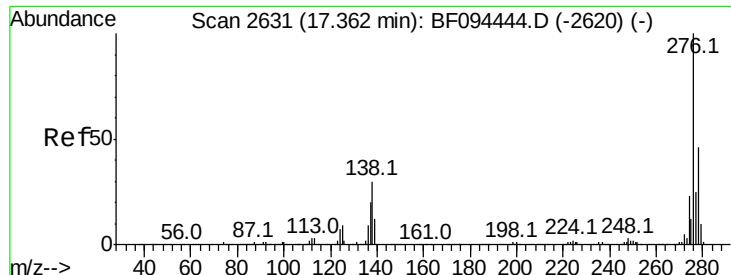


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

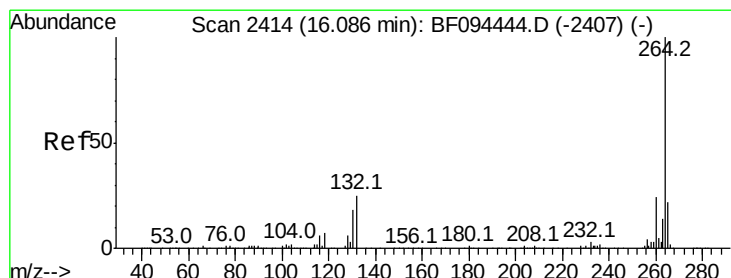
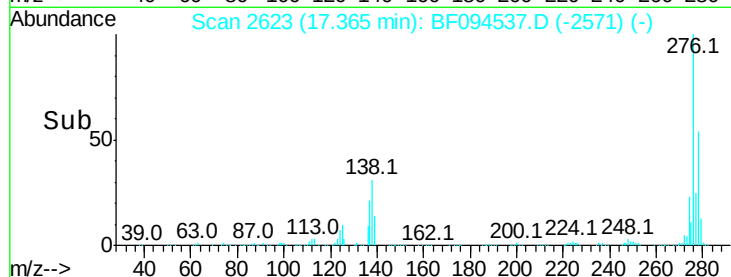
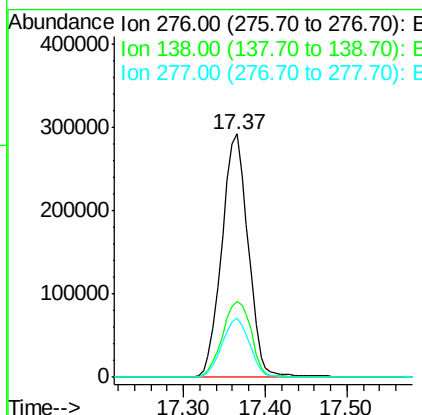
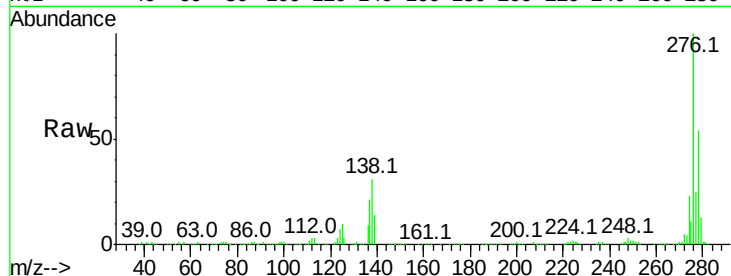




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.85 ng
 RT: 17.37 min Scan# 2623
 Delta R.T. 0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

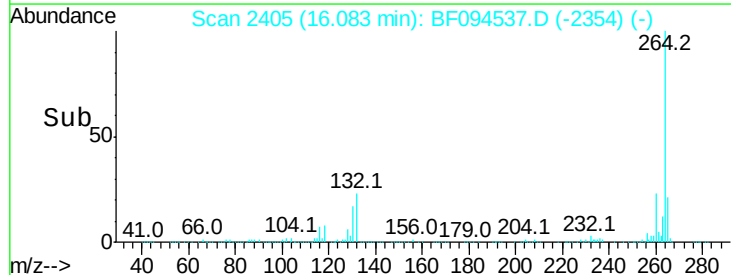
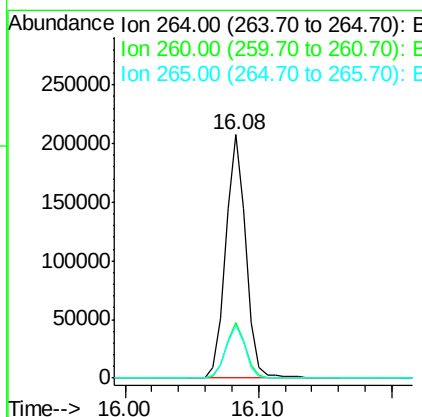
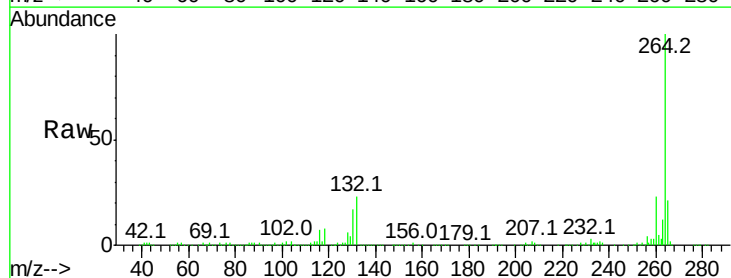
Instrument :
 BNA_F
 ClientSampleId :

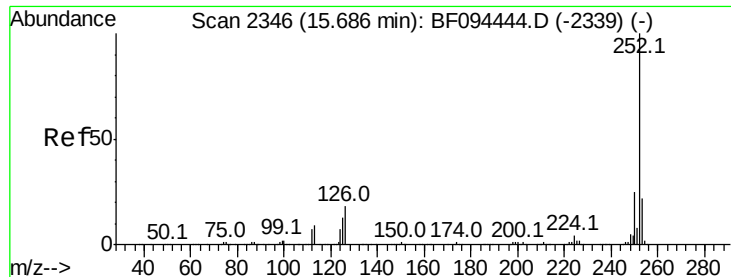
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.9	27.8	41.6
277	25.4	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094537.D
 Acq: 20 Apr 2017 11:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.5	17.2	25.8

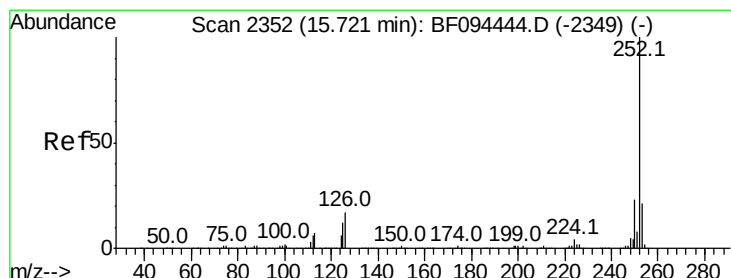
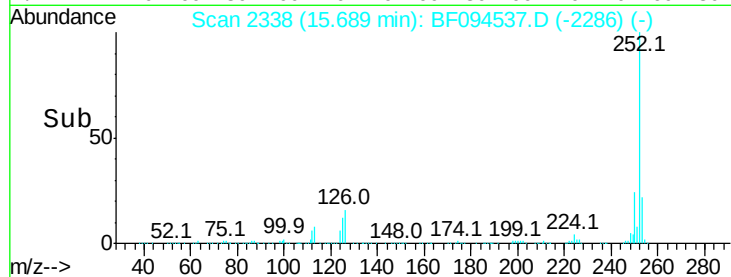
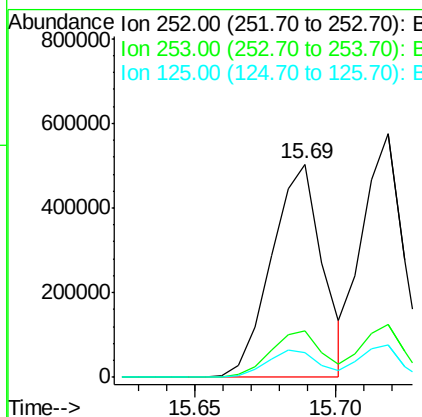
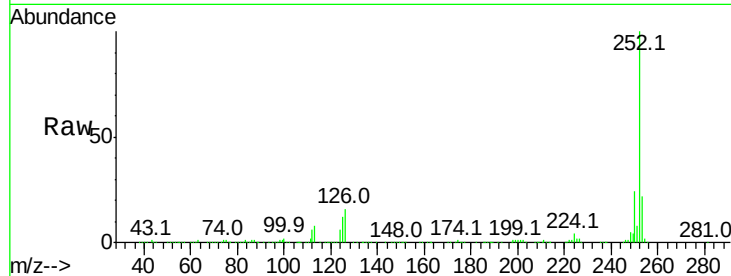




#87
Benzo(b)fluoranthene
Concen: 46.92 ng
RT: 15.69 min Scan# 2338
Delta R.T. 0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

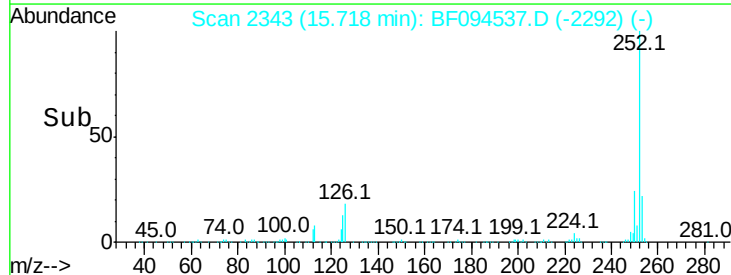
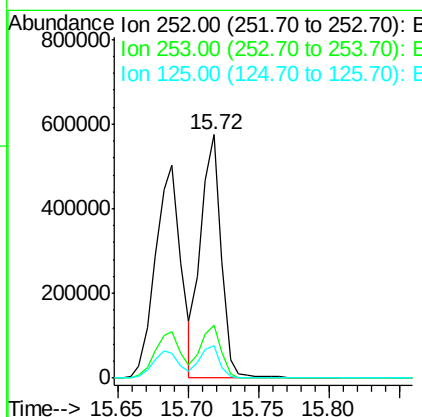
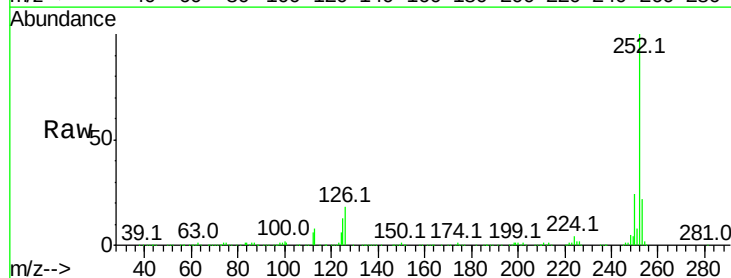
Instrument :
BNA_F
ClientSampleId :

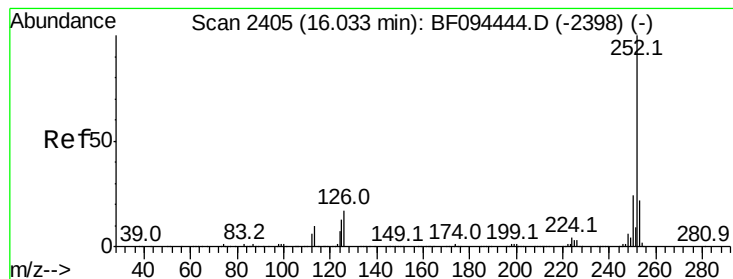
Tot Ion:252 Resp: 632356
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 11.5 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 45.23 ng
RT: 15.72 min Scan# 2343
Delta R.T. -0.00 min
Lab File: BF094537.D
Acq: 20 Apr 2017 11:47

Tgt Ion:252 Resp: 576896
Ion Ratio Lower Upper
252 100
253 21.8 18.4 27.6
125 13.2 13.1 19.7





#89

Benzo(a)pyrene

Concen: 45.87 ng

RT: 16.03 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Instrument :

BNA_F

ClientSampleId :

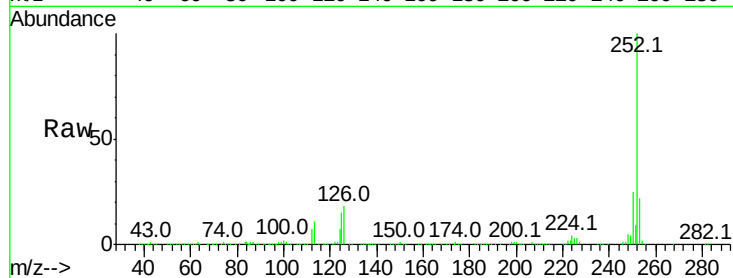
Tot Ion:252 Resp: 575215

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

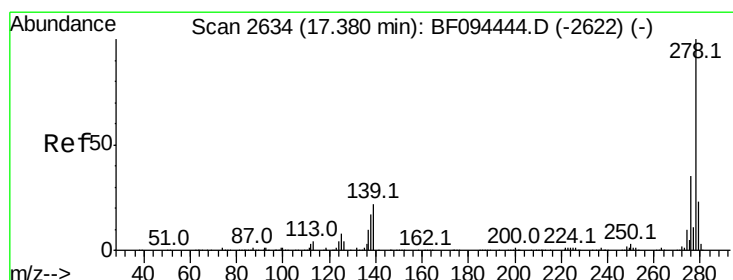
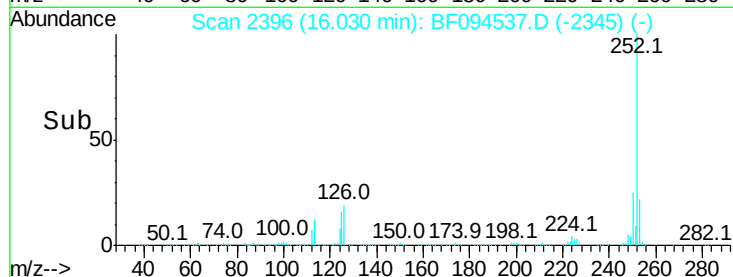
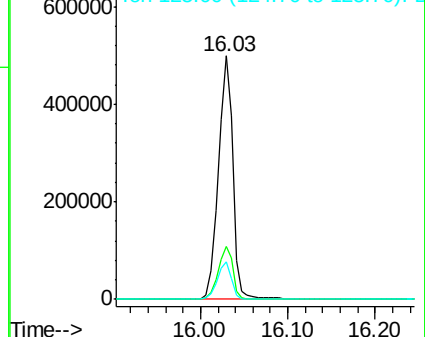
125 15.2 11.0 16.4



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: 51.50 ng

RT: 17.38 min Scan# 2625

Delta R.T. -0.00 min

Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

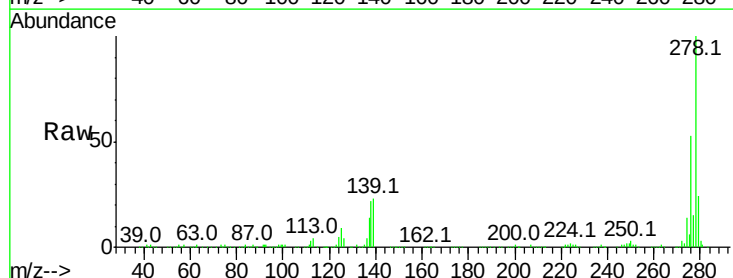
Tgt Ion:278 Resp: 536193

Ion Ratio Lower Upper

278 100

139 23.2 16.6 24.8

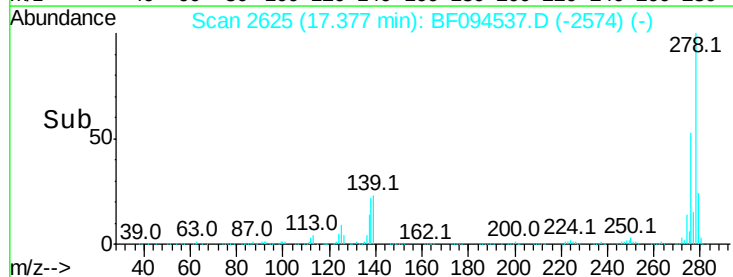
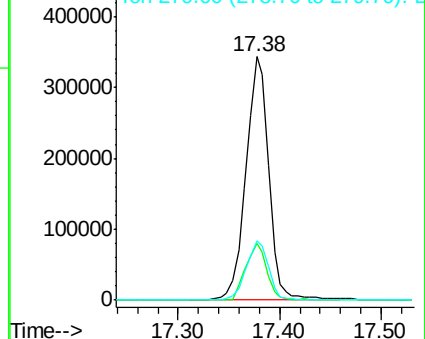
279 24.2 19.3 28.9

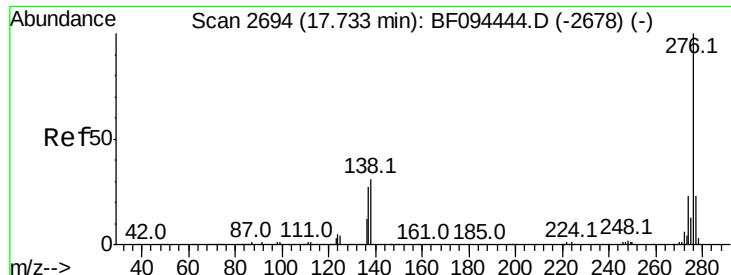


Abundance Ion 278.00 (277.70 to 278.70): E

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: 53.40 ng

RT: 17.74 min Scan# 2686

Delta R.T. 0.00 min

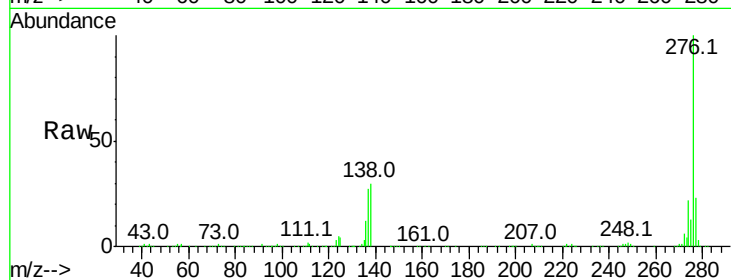
Lab File: BF094537.D

Acq: 20 Apr 2017 11:47

Instrument :

BNA_F

ClientSampleId :



Tot Ion:276 Resp: 566056

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 30.5 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

