

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094459.D
 Acq On : 17 Apr 2017 19:46
 Operator : SJ/MA
 Sample : I2708-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 01:18:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	147620	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	593196	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	269195	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	506874	20.00	ng	0.00
75) Chrysene-d12	14.47	240	386632	20.00	ng	0.00
86) Perylene-d12	16.09	264	278192	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.32	112	984305	110.62	ng	0.01
7) Phenol-d6	5.39	99	1343754	128.10	ng	0.00
23) Nitrobenzene-d5	6.42	82	951099	99.00	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	205218	97.46	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1618475	88.46	ng	0.00
78) Terphenyl-d14	13.20	244	1323251	91.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.12	88	161850	31.28	ng	97
3) Pyridine	2.61	79	458319	40.52	ng	98
4) n-Nitrosodimethylamine	2.58	42	212798	45.47	ng	90
6) Aniline	5.39	93	321539	23.07	ng	# 82
8) 2-Chlorophenol	5.53	128	443486	43.80	ng	96
9) Benzaldehyde	5.25	77	104061	13.04	ng	98
10) Phenol	5.41	94	565485	43.88	ng	89
11) bis(2-Chloroethyl)ether	5.47	93	446933	47.48	ng	97
12) 1,3-Dichlorobenzene	5.69	146	498071	44.40	ng	99
13) 1,4-Dichlorobenzene	5.78	146	495571	43.91	ng	96
14) 1,2-Dichlorobenzene	5.96	146	466217	44.85	ng	96
15) Benzyl Alcohol	5.94	79	371517	47.75	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.10	45	572831	46.41	ng	69
17) 2-Methylphenol	6.09	107	323098	40.52	ng	# 88
18) Hexachloroethane	6.35	117	173962	44.96	ng	# 86
19) n-Nitroso-di-n-propylamine	6.25	70	341178	49.09	ng	97
20) 3+4-Methylphenols	6.27	107	493607	45.55	ng	# 62
22) Acetophenone	6.24	105	686351	47.59	ng	# 86
24) Nitrobenzene	6.44	77	491884	48.62	ng	91
25) Isophorone	6.73	82	885191	49.71	ng	95
26) 2-Nitrophenol	6.81	139	263385	48.46	ng	96
27) 2,4-Dimethylphenol	6.89	122	334942	37.94	ng	98
28) bis(2-Chloroethoxy)methane	6.99	93	579396	50.30	ng	99
29) 2,4-Dichlorophenol	7.12	162	400255	48.74	ng	99
30) 1,2,4-Trichlorobenzene	7.20	180	384491	45.28	ng	99
31) Naphthalene	7.29	128	1314673	46.10	ng	100
32) Benzoic acid	7.02	122	33782	7.24	ng	96
33) 4-Chloroaniline	7.36	127	376180	31.71	ng	93
34) Hexachlorobutadiene	7.45	225	195938	46.29	ng	99
35) Caprolactam	7.81	113	73611	28.53	ng	94
36) 4-Chloro-3-methylphenol	7.99	107	424377	49.31	ng	88
37) 2-Methylnaphthalene	8.13	142	942133	48.29	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	348453	45.46	ng	99
40) Hexachlorocyclopentadiene	8.33	237	290355	93.63	ng	99

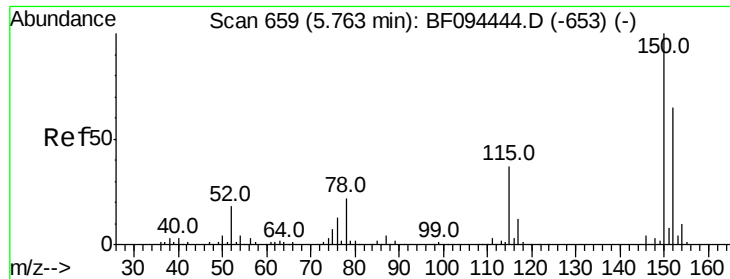
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094459.D
 Acq On : 17 Apr 2017 19:46
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	260906	48.47	nq	96
43) 2,4,5-Trichlorophenol	8.55	196	265450	48.02	nq	93
45) 1,1'-Biphenyl	8.70	154	987232	44.89	nq	98
46) 2-Chloronaphthalene	8.73	162	792589	45.32	nq	96
47) 2-Nitroaniline	8.86	65	248291	49.35	nq	88
48) Acenaphthylene	9.23	152	1237616	45.40	nq	99
49) Dimethylphthalate	9.11	163	1526281	76.08	nq	99
50) 2,6-Dinitrotoluene	9.17	165	221374	49.16	nq	92
51) Acenaphthene	9.45	154	744343	45.58	nq	99
52) 3-Nitroaniline	9.37	138	202549	38.88	nq	90
53) 2,4-Dinitrophenol	9.50	184	90652	40.19	nq	# 66
54) Dibenzofuran	9.66	168	1064710	44.86	nq	99
55) 4-Nitrophenol	9.63	139	323592	87.92	nq	# 82
56) 2,4-Dinitrotoluene	9.66	165	266649	48.26	nq	# 83
57) Fluorene	10.07	166	830586	44.94	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	177008	44.67	nq	97
59) Diethylphthalate	9.97	149	917216	48.46	nq	99
60) 4-Chlorophenyl-phenylether	10.09	204	356338	46.33	nq	90
61) 4-Nitroaniline	10.13	138	226053	42.68	nq	97
62) Azobenzene	10.28	77	906173	49.31	nq	95
64) 4,6-Dinitro-2-methylphenol	10.16	198	115141	34.67	nq	# 74
65) n-Nitrosodiphenylamine	10.23	169	750244	42.56	nq	98
66) 4-Bromophenyl-phenylether	10.68	248	233465	46.39	nq	97
67) Hexachlorobenzene	10.75	284	227414	44.84	nq	# 83
68) Atrazine	10.92	200	245949	46.64	nq	99
69) Pentachlorophenol	11.00	266	162491	80.68	nq	99
70) Phenanthrene	11.25	178	1248292	43.73	nq	99
71) Anthracene	11.32	178	1287332	43.60	nq	99
72) Carbazole	11.52	167	1217322	43.93	nq	99
73) Di-n-butylphthalate	11.97	149	1432125	46.94	nq	99
74) Fluoranthene	12.71	202	1262502	42.68	nq	99
76) Benzidine	12.88	184	126825	8.10	nq	# 92
77) Pyrene	12.99	202	1260411	46.66	nq	99
79) Butylbenzylphthalate	13.81	149	616867	52.11	nq	# 86
80) Benzo(a)anthracene	14.46	228	960608	42.75	nq	100
81) 3,3'-Dichlorobenzidine	14.43	252	210113	26.41	nq	# 97
82) Chrysene	14.50	228	868462	42.29	nq	100
83) Bis(2-ethylhexyl)phthalate	14.52	149	812536	51.12	nq	# 98
84) Di-n-octyl phthalate	15.28	149	1283068	48.12	nq	97
85) Indeno(1,2,3-cd)pyrene	17.36	276	580987	29.73	nq	100
87) Benzo(b)fluoranthene	15.69	252	761373	44.74	nq	99
88) Benzo(k)fluoranthene	15.72	252	645258	40.07	nq	96
89) Benzo(a)pyrene	16.03	252	608198	38.42	nq	100
90) Dibenzo(a,h)anthracene	17.37	278	507365	38.59	nq	98
91) Benzo(g,h,i)perylene	17.73	276	462888	34.58	nq	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.76 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

Instrument :

BNA_F

ClientSampleId :

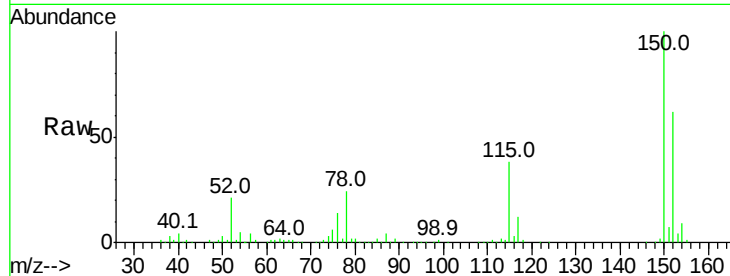
Tot Ion:152 Resp: 147620

Ion Ratio Lower Upper

152 100

150 160.3 126.2 189.2

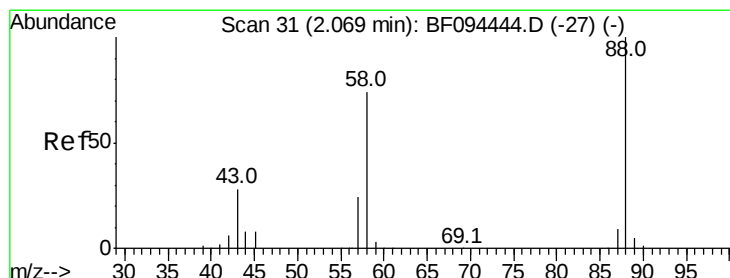
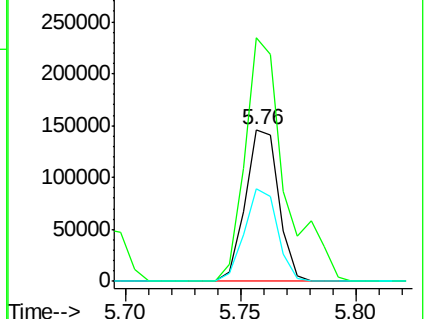
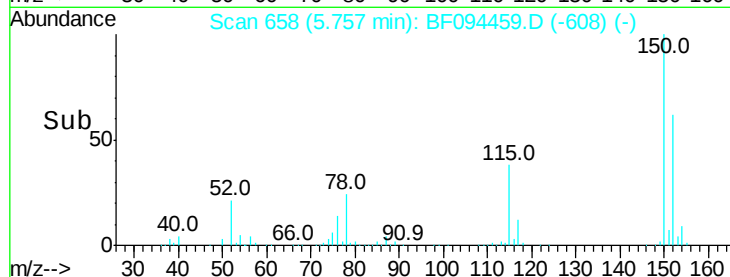
115 60.9 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.28 ng

RT: 2.12 min Scan# 39

Delta R.T. 0.05 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

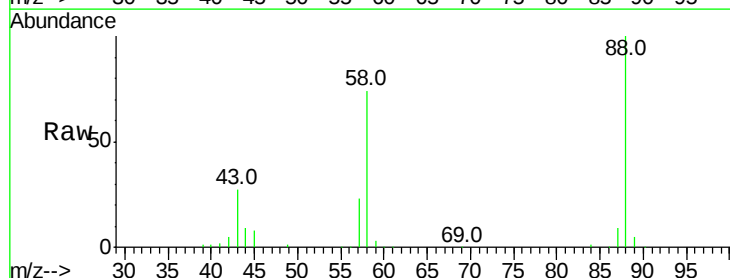
Tgt Ion: 88 Resp: 161850

Ion Ratio Lower Upper

88 100

58 73.7 61.4 92.0

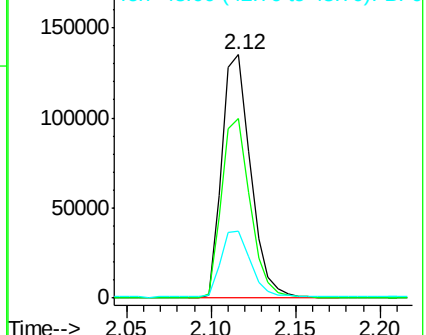
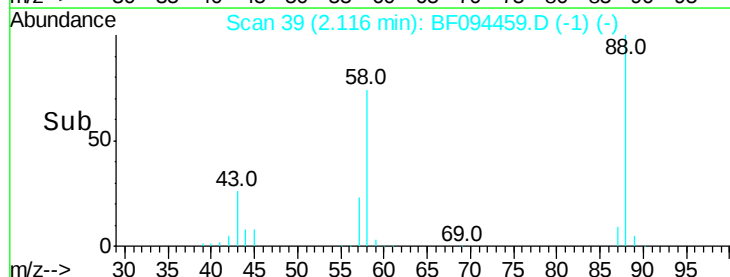
43 28.3 23.4 35.0

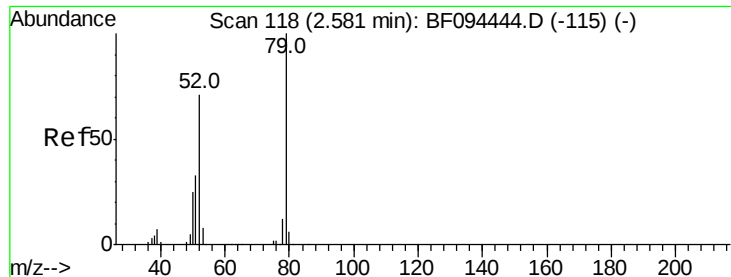


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

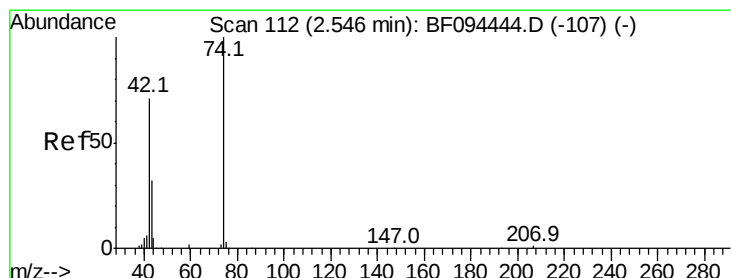
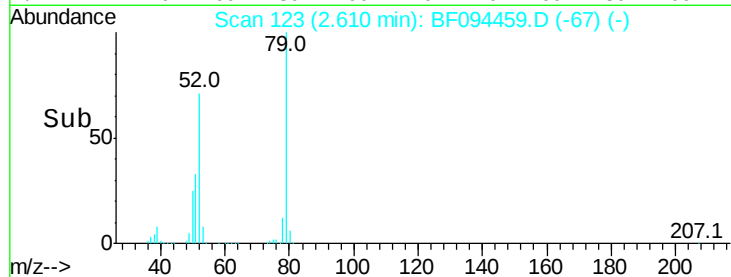
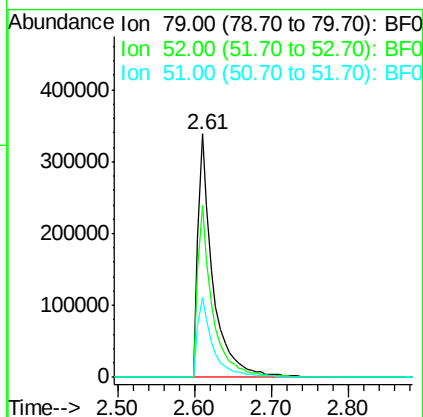
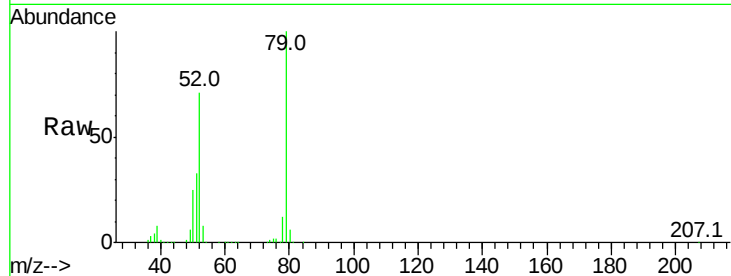




#3
 Pvridine
 Concen: 40.52 ng
 RT: 2.61 min Scan# 123
 Delta R.T. 0.03 min
 Lab File: BF094459.D
 Acq: 17 Apr 2017 19:46

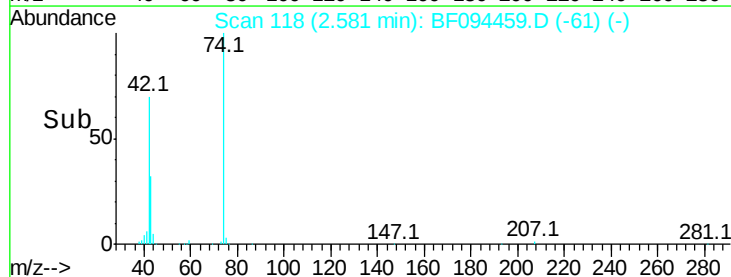
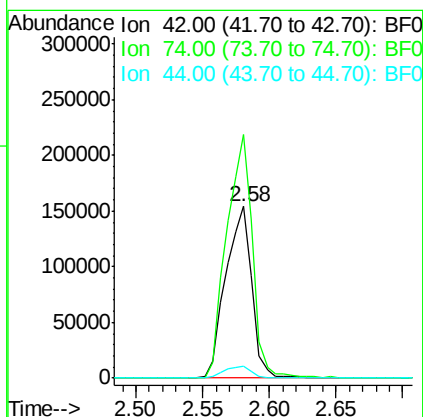
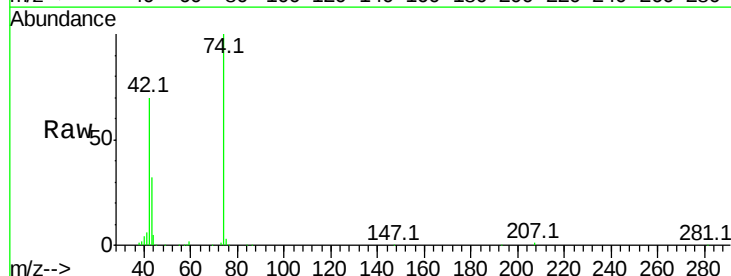
Instrument :
 BNA_F
 ClientSampleId :

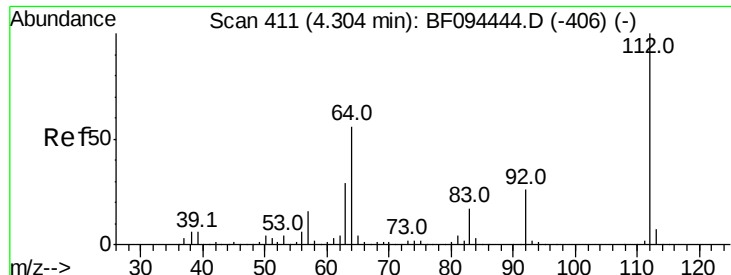
Tot Ion: 79 Resp: 458319
 Ion Ratio Lower Upper
 79 100
 52 70.7 54.8 82.2
 51 32.7 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 45.47 ng
 RT: 2.58 min Scan# 118
 Delta R.T. 0.04 min
 Lab File: BF094459.D
 Acq: 17 Apr 2017 19:46

Tgt Ion: 42 Resp: 212798
 Ion Ratio Lower Upper
 42 100
 74 142.0 103.9 155.9
 44 6.7 5.7 8.5





#5

2-Fluorophenol

Concen: 110.62 ng

RT: 4.32 min Scan# 413

Delta R.T. 0.01 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

Instrument :
BNA_F
ClientSampled :

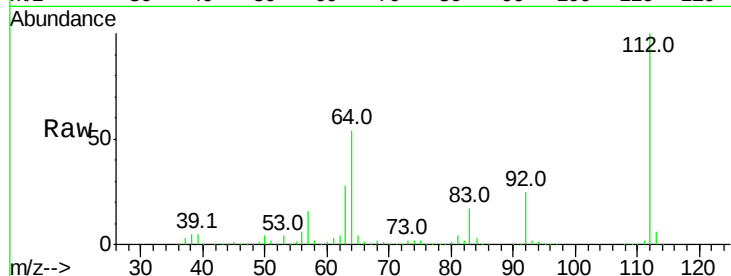
Tot Ion:112 Resp: 984305

Ion Ratio Lower Upper

112 100

64 54.5 46.0 69.0

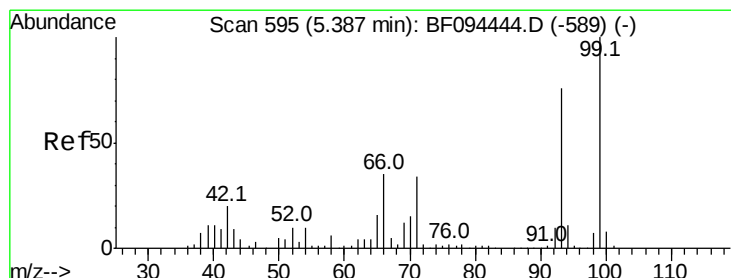
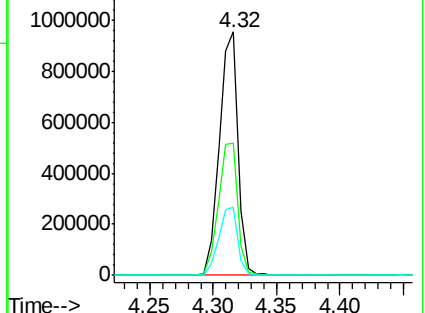
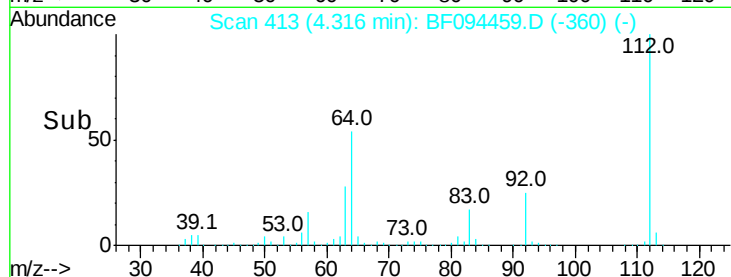
63 28.2 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.07 ng

RT: 5.39 min Scan# 595

Delta R.T. -0.00 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

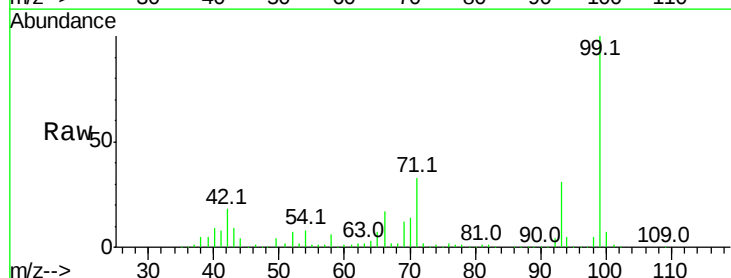
Tgt Ion: 93 Resp: 321539

Ion Ratio Lower Upper

93 100

66 55.5 32.9 49.3#

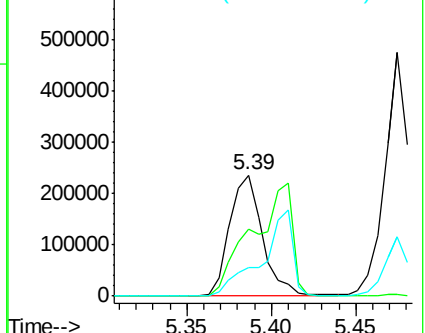
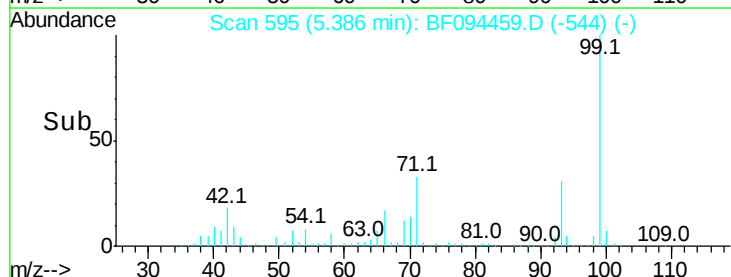
65 24.1 16.0 24.0#

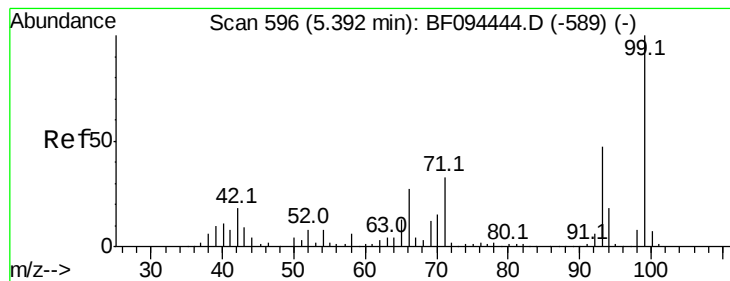


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.10 ng

RT: 5.39 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

Instrument :

BNA_F

ClientSampleId :

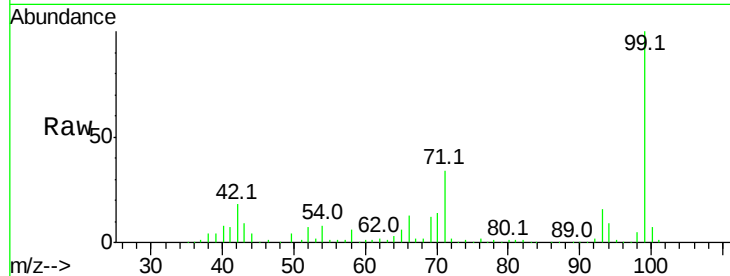
Tot Ion: 99 Resp: 1343754

Ion Ratio Lower Upper

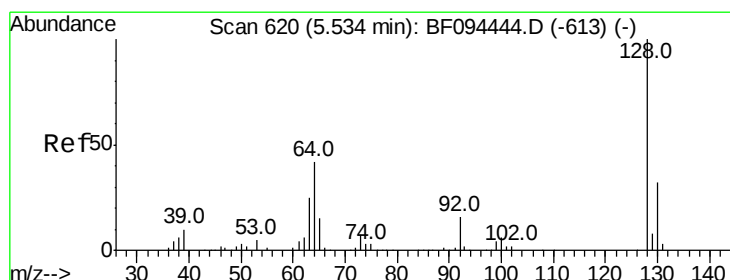
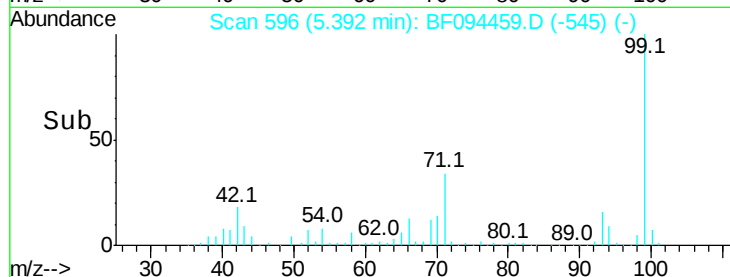
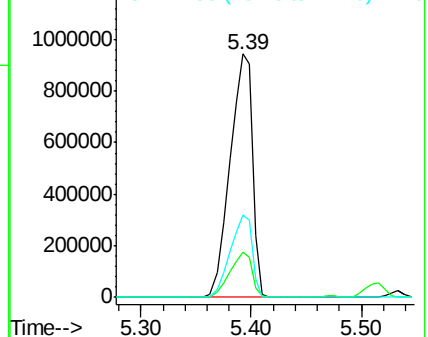
99 100

42 18.3 13.5 20.3

71 33.7 24.5 36.7



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



#8

2-Chlorophenol

Concen: 43.80 ng

RT: 5.53 min Scan# 620

Delta R.T. -0.00 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

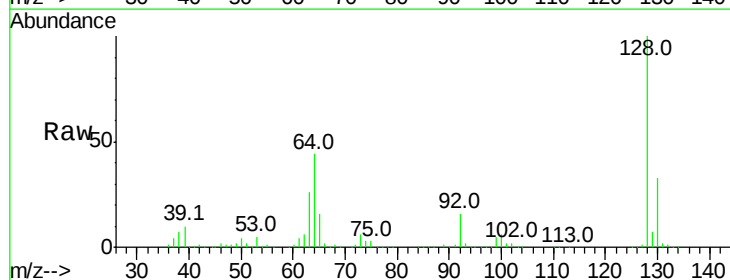
Tgt Ion:128 Resp: 443486

Ion Ratio Lower Upper

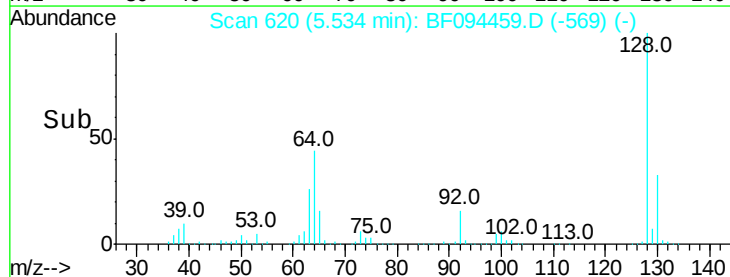
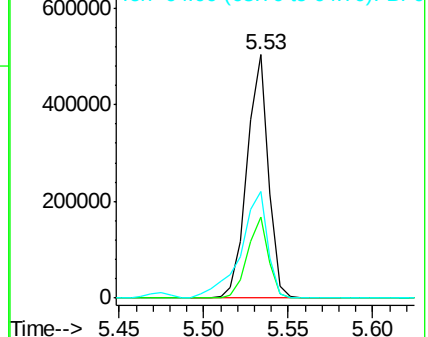
128 100

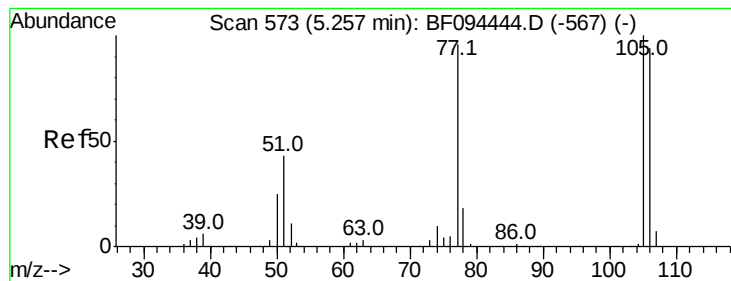
130 33.2 12.9 52.9

64 43.9 28.4 68.4



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





#9

Benzaldehyde

Concen: 13.04 ng

RT: 5.25 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

Instrument :

BNA_F

ClientSampled :

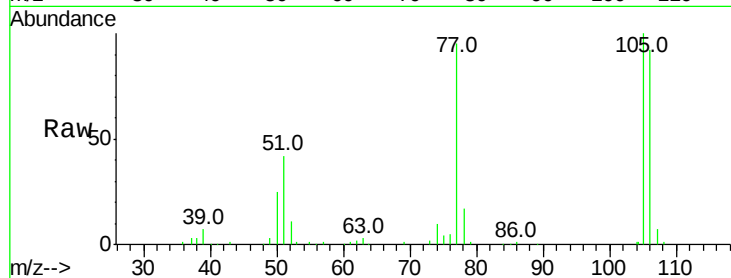
Tot Ion: 77 Resp: 104061

Ion Ratio Lower Upper

77 100

105 105.5 83.8 123.8

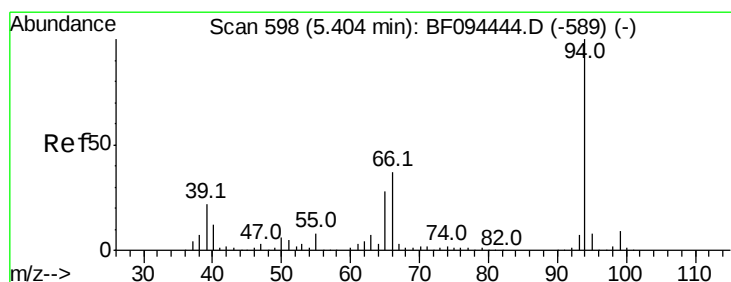
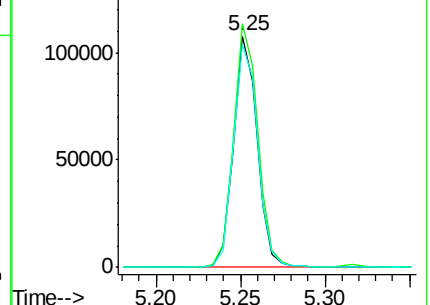
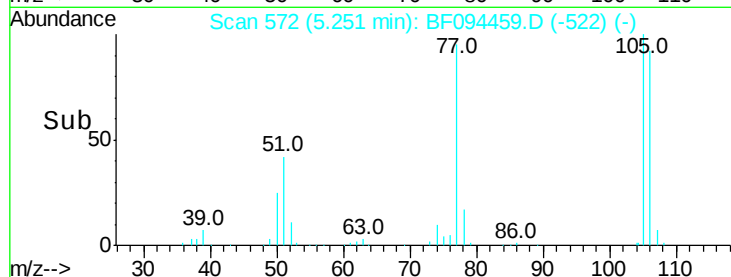
106 96.7 79.1 119.1



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: 43.88 ng

RT: 5.41 min Scan# 599

Delta R.T. 0.01 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

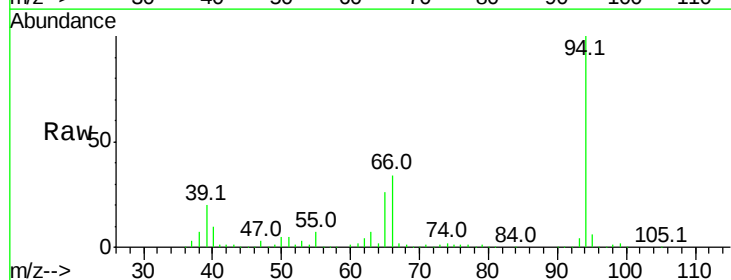
Tgt Ion: 94 Resp: 565485

Ion Ratio Lower Upper

94 100

65 26.4 9.9 49.9

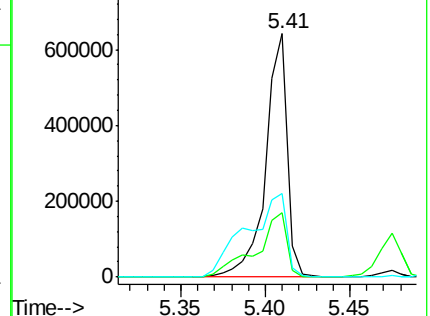
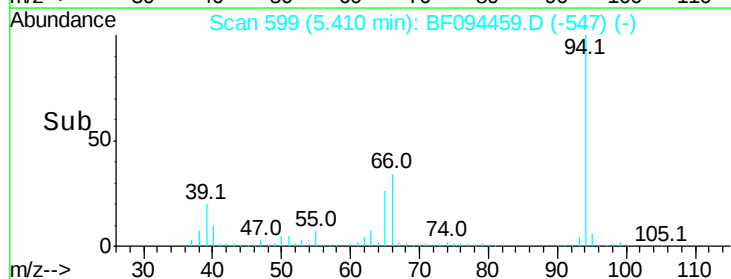
66 34.4 23.1 63.1

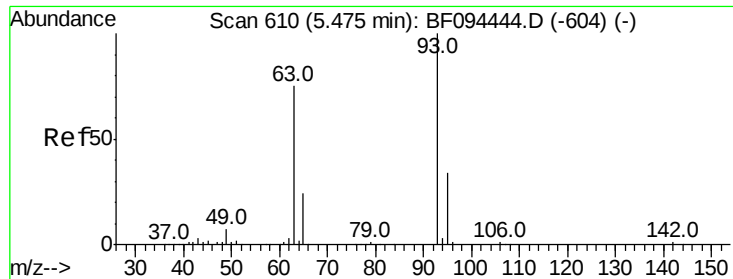


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 47.48 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

Instrument :

BNA_F

ClientSampleId :

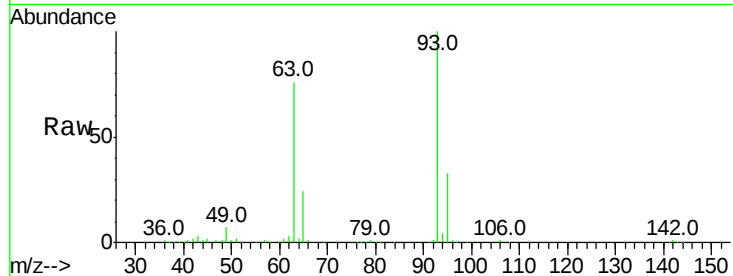
Tot Ion: 93 Resp: 446933

Ion Ratio Lower Upper

93 100

63 76.3 59.2 99.2

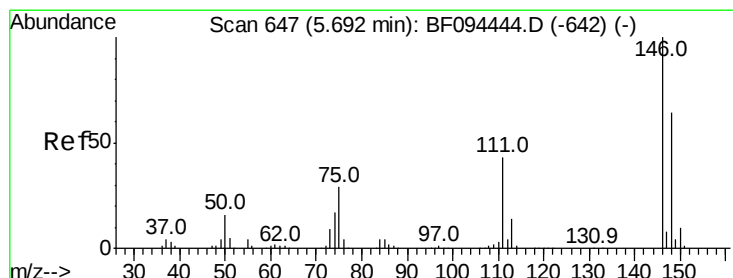
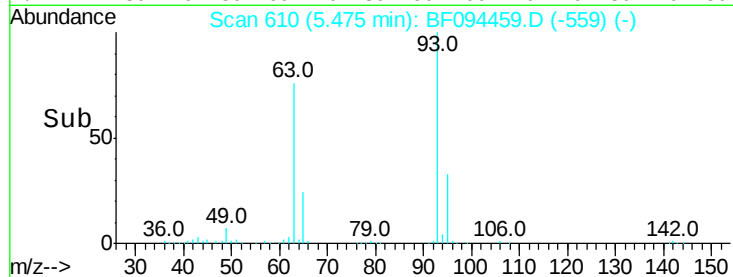
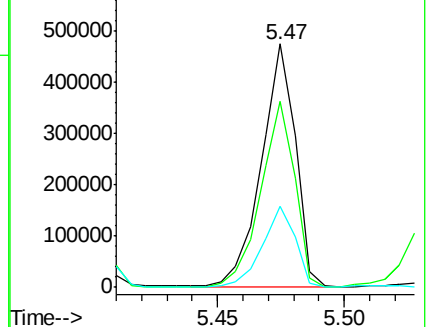
95 33.3 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 44.40 ng

RT: 5.69 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

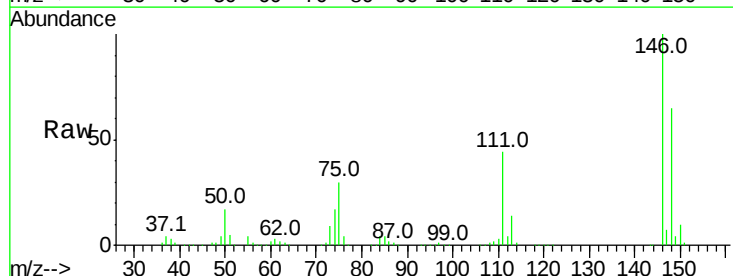
Tgt Ion: 146 Resp: 498071

Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.6

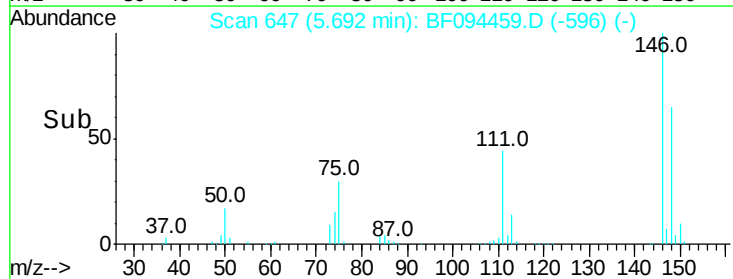
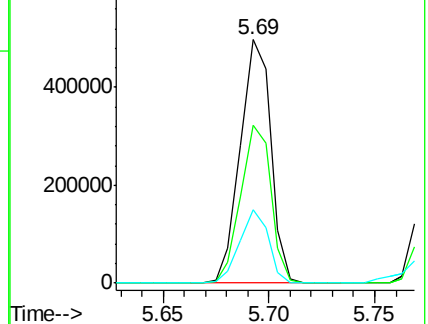
75 30.4 23.1 34.7

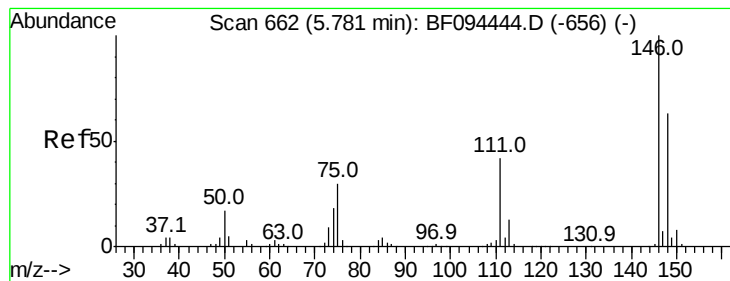


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 43.91 ng

RT: 5.78 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

Instrument :

BNA_F

ClientSampleId :

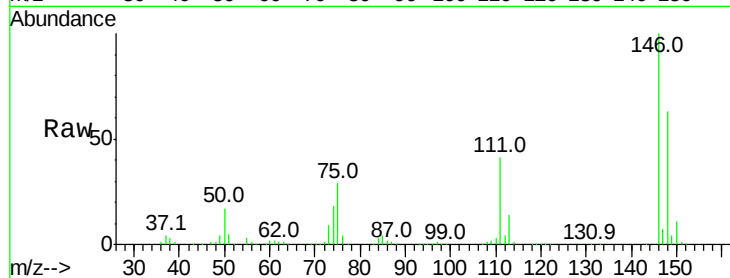
Tot Ion:146 Resp: 495571

Ion Ratio Lower Upper

146 100

148 62.7 52.2 78.2

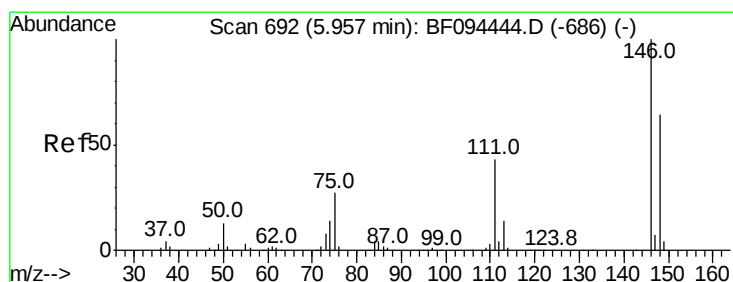
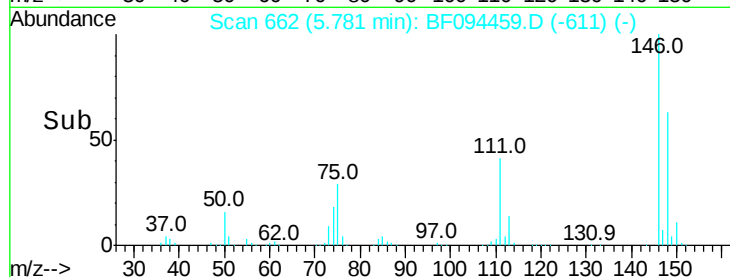
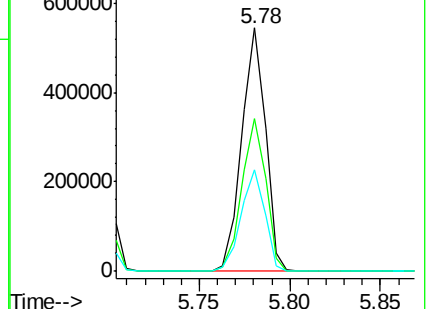
111 41.5 30.3 45.5



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: 44.85 ng

RT: 5.96 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

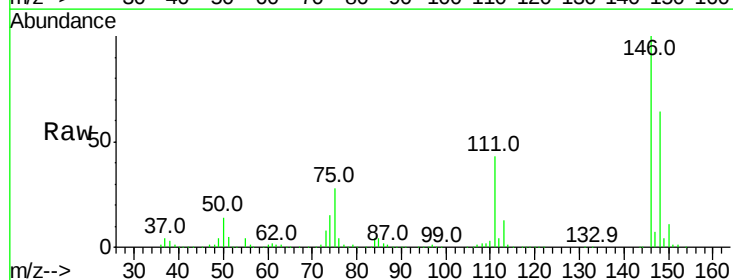
Tgt Ion:146 Resp: 466217

Ion Ratio Lower Upper

146 100

148 63.6 50.4 75.6

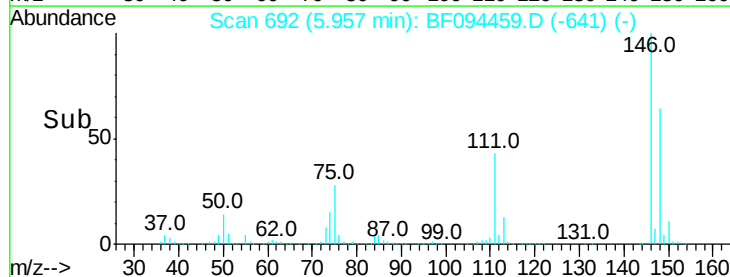
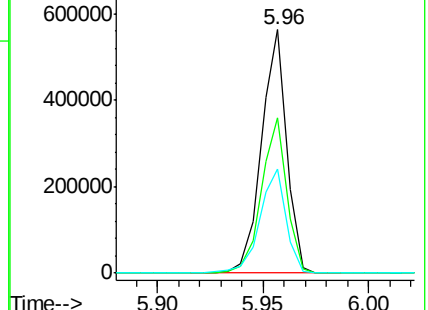
111 42.5 38.2 57.4

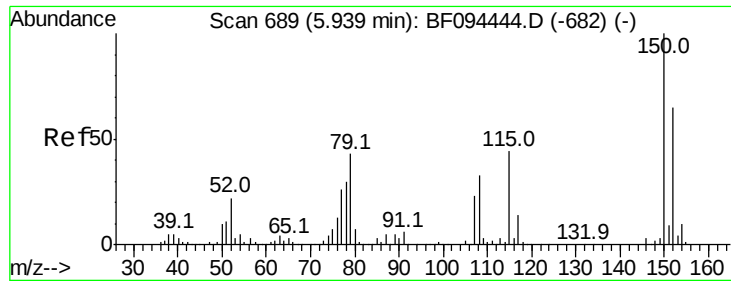


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

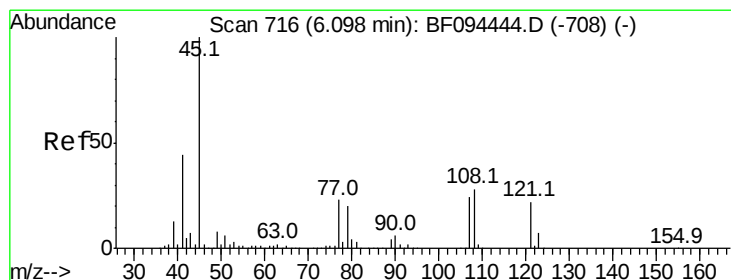
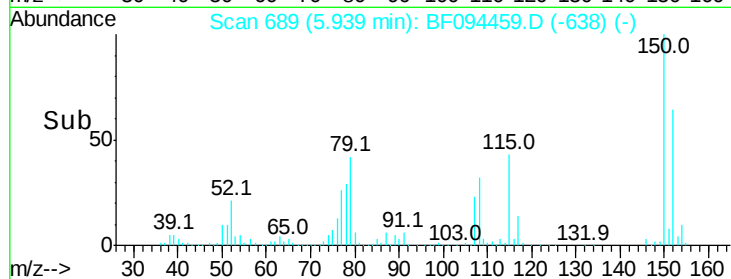
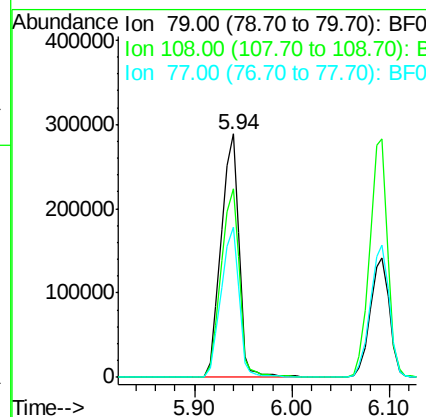
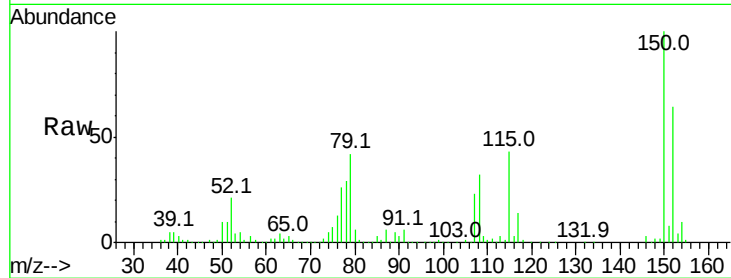




#15
Benzyl Alcohol
Concen: 47.75 ng
RT: 5.94 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF094459.D
Acq: 17 Apr 2017 19:46

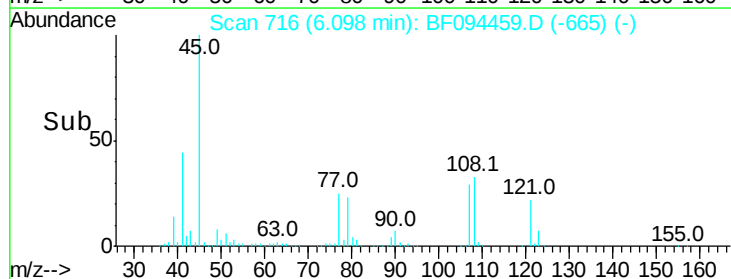
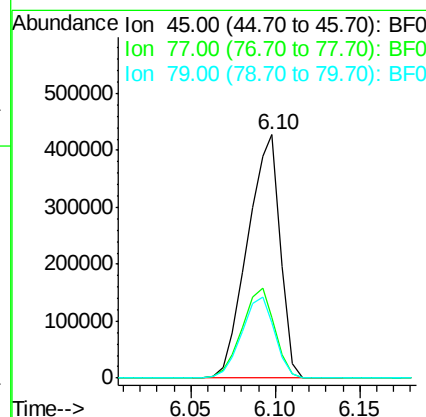
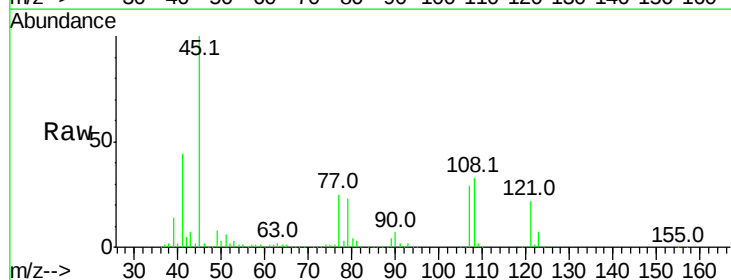
Instrument :
BNA_F
ClientSampleId :

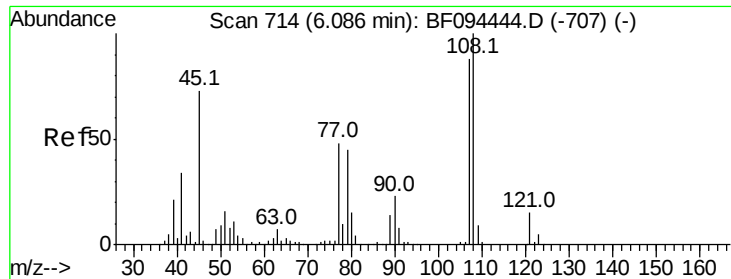
Tot Ion: 79 Resp: 371517
Ion Ratio Lower Upper
79 100
108 77.3 63.4 95.0
77 61.8 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.41 ng
RT: 6.10 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF094459.D
Acq: 17 Apr 2017 19:46

Tgt Ion: 45 Resp: 572831
Ion Ratio Lower Upper
45 100
77 24.7 0.0 33.2
79 22.6 0.0 30.0

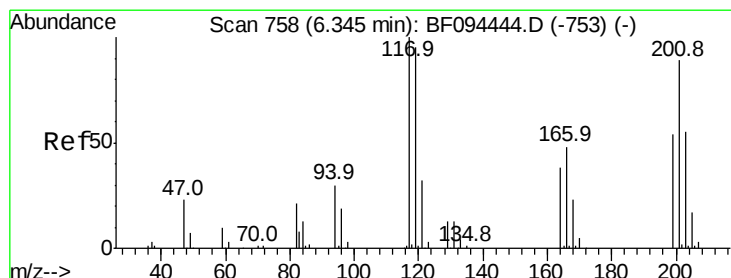
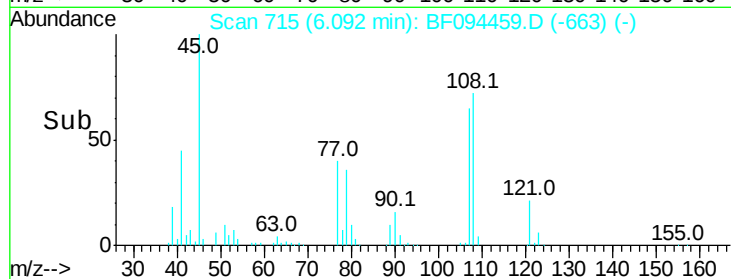
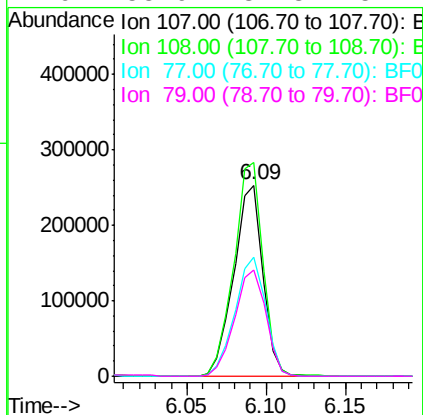
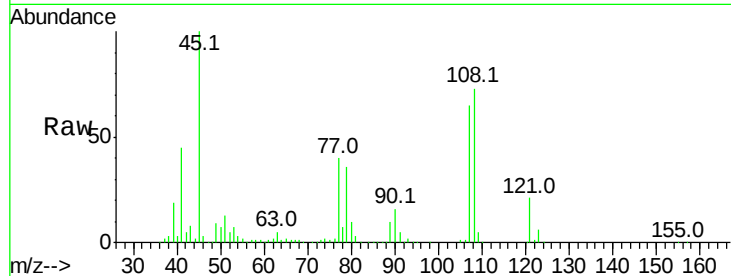




#17
2-Methylphenol
Concen: 40.52 ng
RT: 6.09 min Scan# 715
Delta R.T. 0.01 min
Lab File: BF094459.D
Acq: 17 Apr 2017 19:46

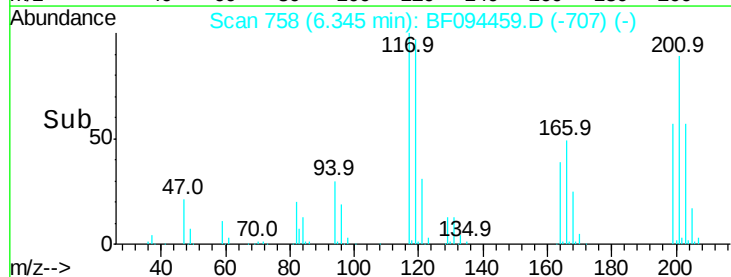
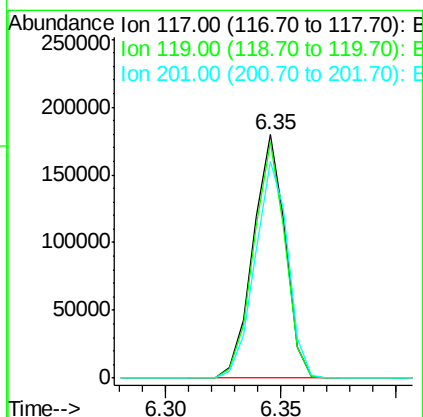
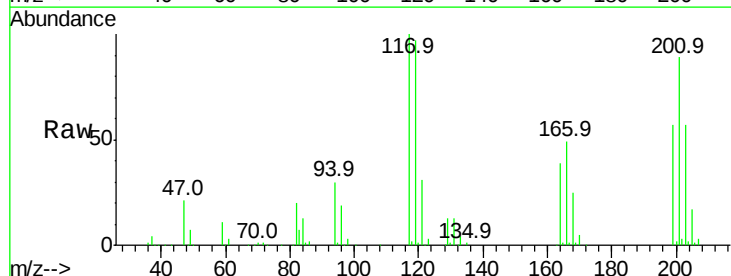
Instrument :
BNA_F
ClientSampled :

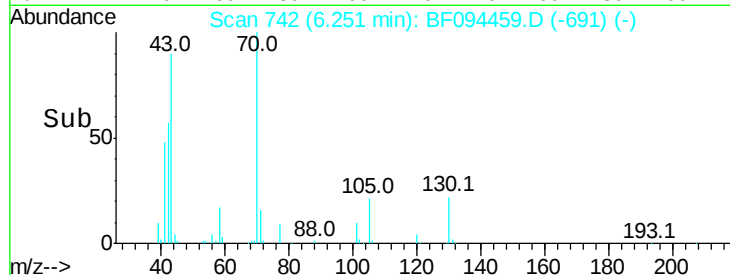
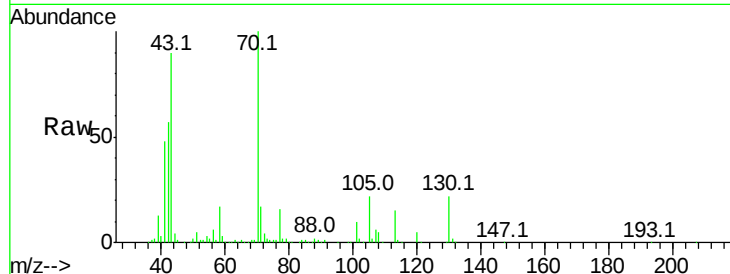
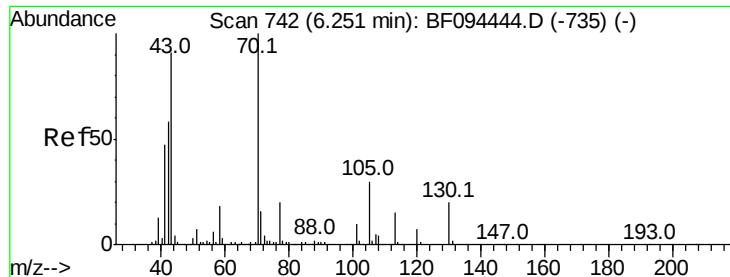
Tot Ion:107 Resp: 323098
Ion Ratio Lower Upper
107 100
108 111.9 93.4 140.0
77 62.2 35.8 53.6#
79 55.9 34.8 52.2#



#18
Hexachloroethane
Concen: 44.96 ng
RT: 6.35 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF094459.D
Acq: 17 Apr 2017 19:46

Tgt Ion:117 Resp: 173962
Ion Ratio Lower Upper
117 100
119 96.8 77.4 116.0
201 89.3 94.6 141.8#

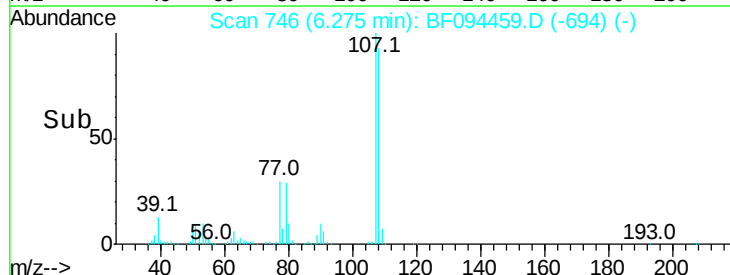
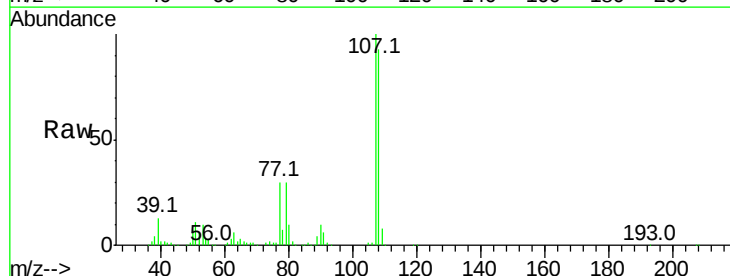
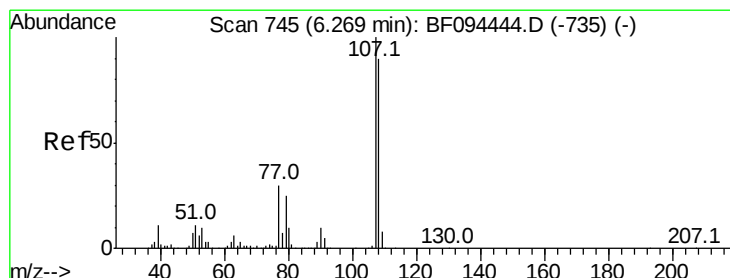
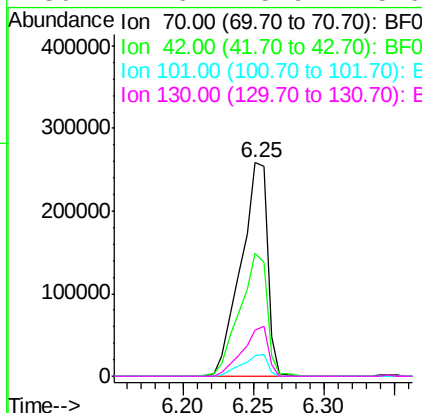




#19
n-Nitroso-di-n-propylamine
Concen: 49.09 ng
RT: 6.25 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF094459.D
Acq: 17 Apr 2017 19:46

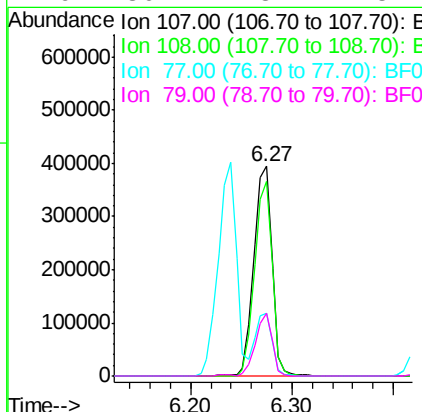
Instrument :
BNA_F
ClientSampleId :

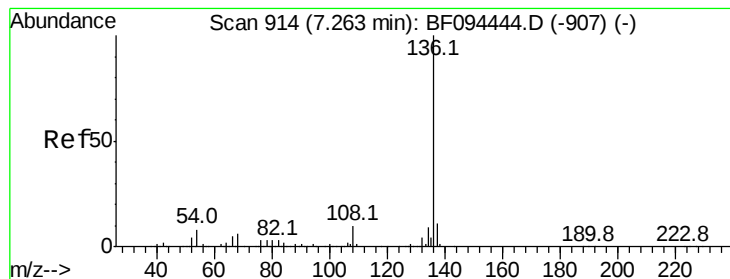
Tot Ion: 70 Resp: 341178
Ion Ratio Lower Upper
70 100
42 57.3 47.2 70.8
101 9.8 7.2 10.8
130 21.6 15.9 23.9



#20
3+4-Methylphenols
Concen: 45.55 ng
RT: 6.27 min Scan# 746
Delta R.T. 0.01 min
Lab File: BF094459.D
Acq: 17 Apr 2017 19:46

Tgt Ion:107 Resp: 493607
Ion Ratio Lower Upper
107 100
108 93.2 71.0 111.0
77 30.2 90.5 130.5#
79 30.2 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.26 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 593196

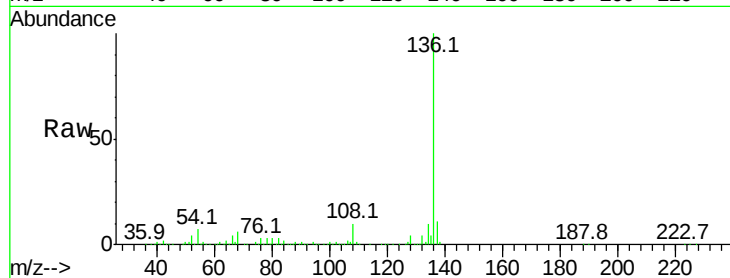
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.2 4.9 7.3

68 5.5 4.1 6.1

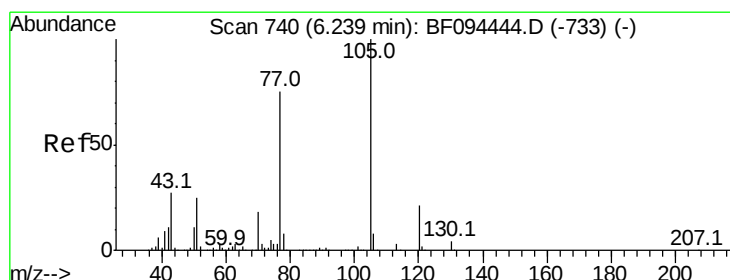
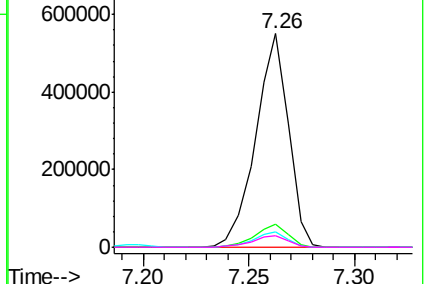
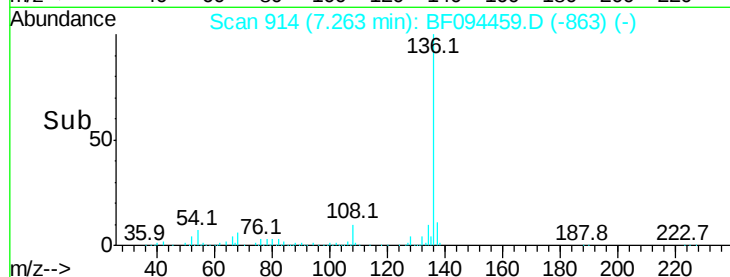


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.59 ng

RT: 6.24 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

Tgt Ion:105 Resp: 686351

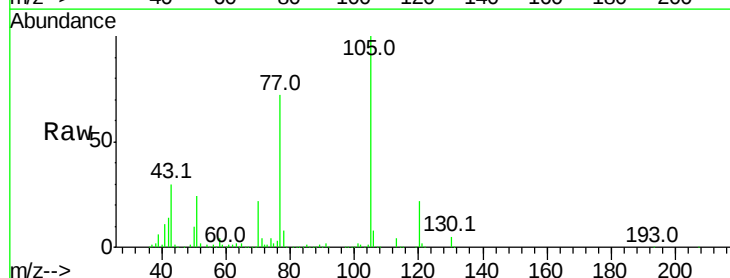
Ion Ratio Lower Upper

105 100

71 3.7 2.8 4.2

51 24.3 30.7 46.1#

120 21.6 17.4 26.0

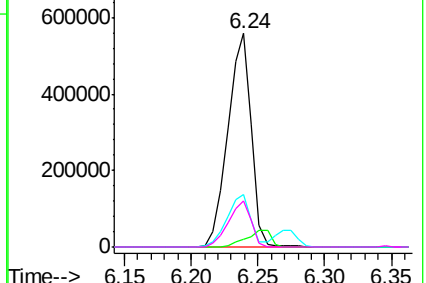
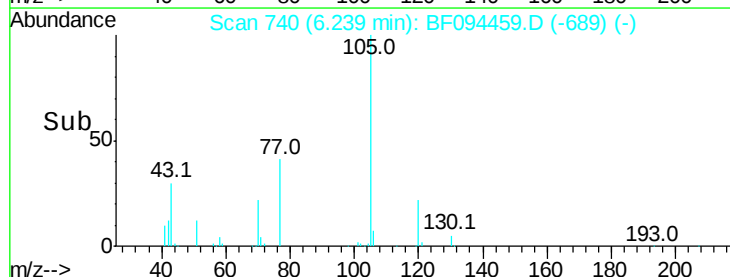


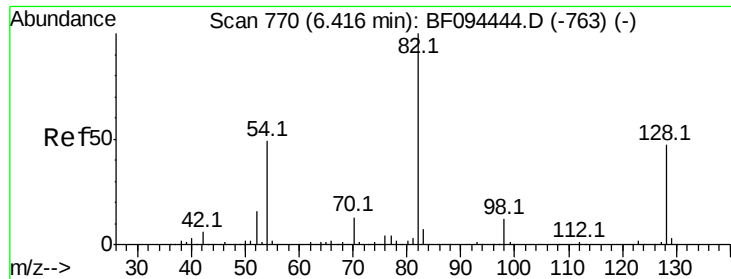
Abundance Ion 105.00 (104.70 to 105.70): E

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: 99.00 ng

RT: 6.42 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

Instrument :

BNA_F

ClientSampleId :

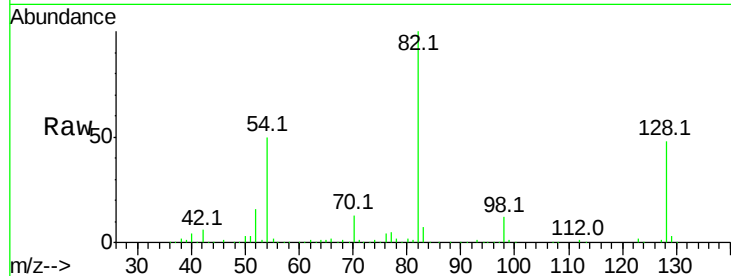
Tot Ion: 82 Resp: 951099

Ion Ratio Lower Upper

82 100

128 47.8 34.0 51.0

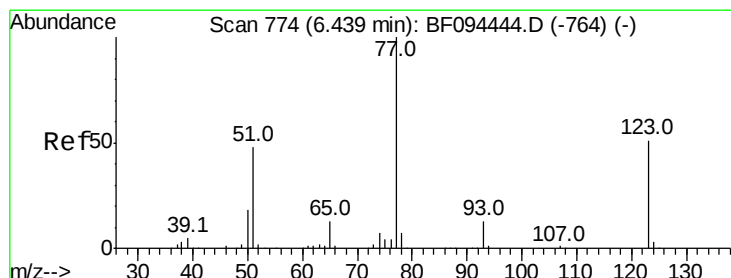
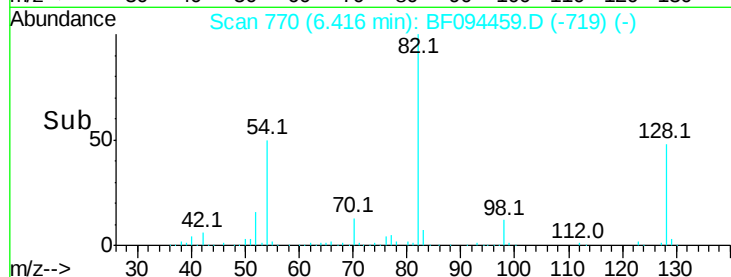
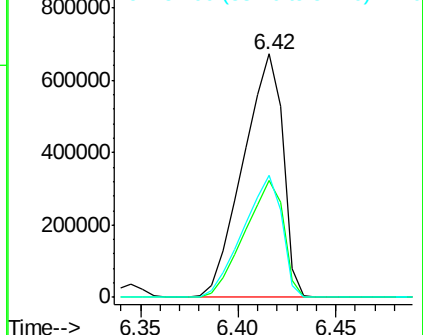
54 50.1 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 48.62 ng

RT: 6.44 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

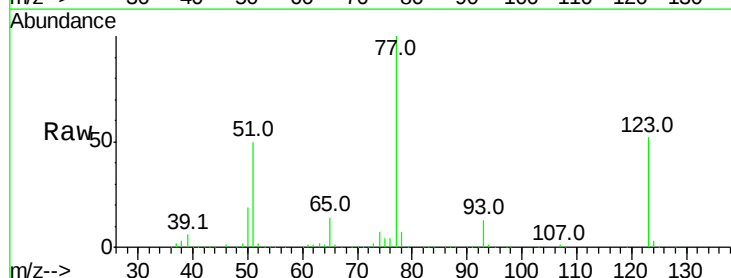
Tgt Ion: 77 Resp: 491884

Ion Ratio Lower Upper

77 100

123 52.4 35.8 53.8

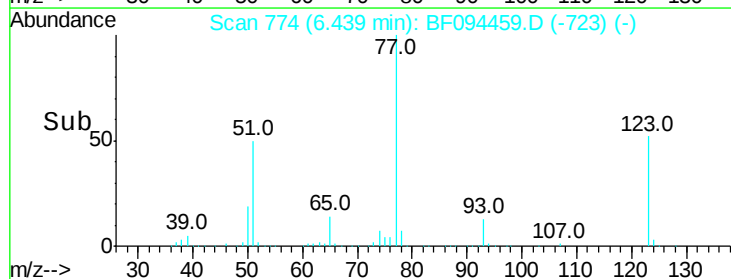
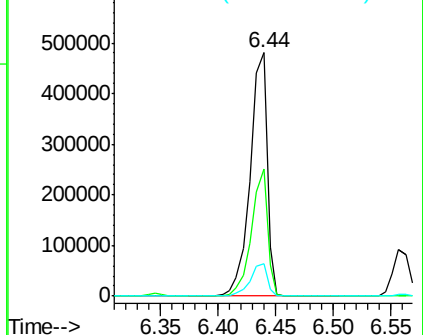
65 13.6 10.6 15.8

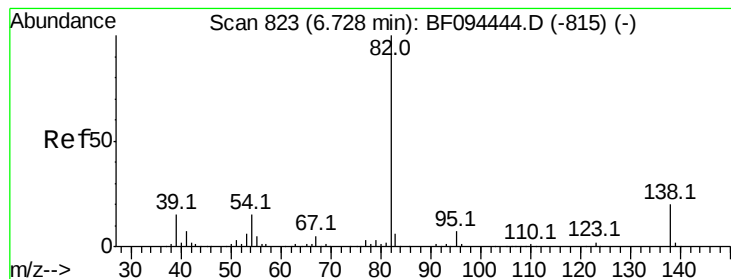


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 49.71 ng

RT: 6.73 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

Instrument :

BNA_F

ClientSampleId :

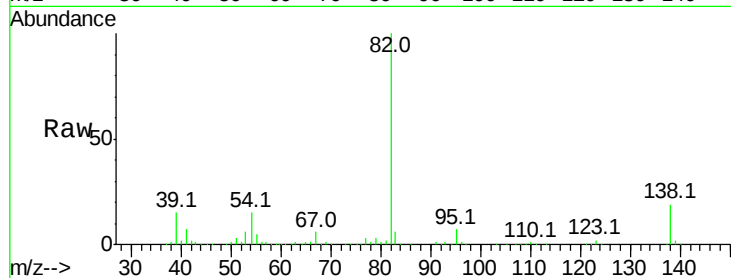
Tot Ion: 82 Resp: 885191

Ion Ratio Lower Upper

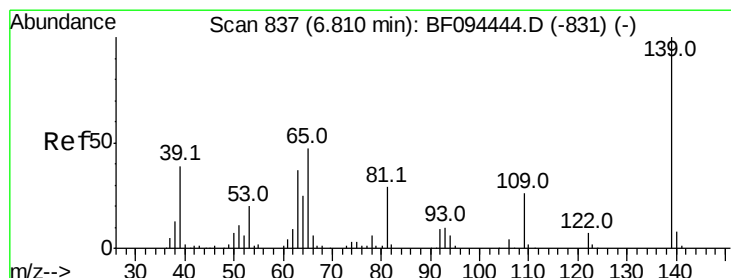
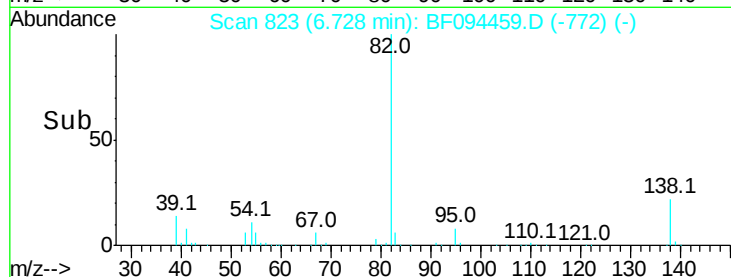
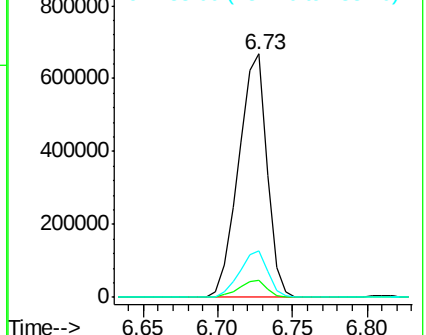
82 100

95 7.0 5.3 7.9

138 19.3 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: 48.46 ng

RT: 6.81 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

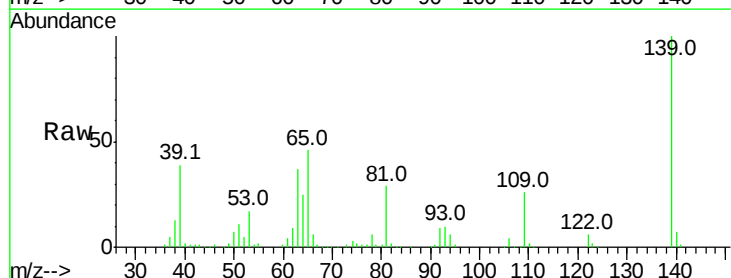
Tgt Ion: 139 Resp: 263385

Ion Ratio Lower Upper

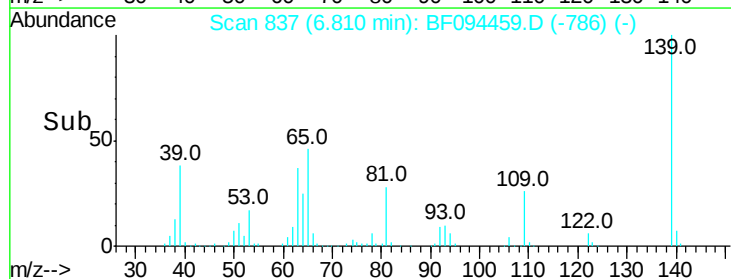
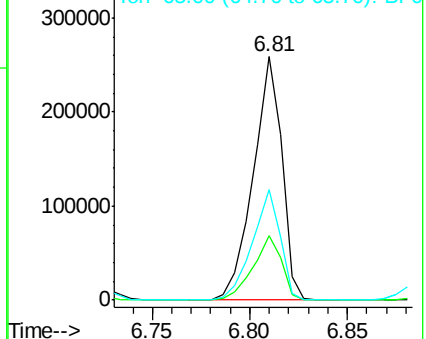
139 100

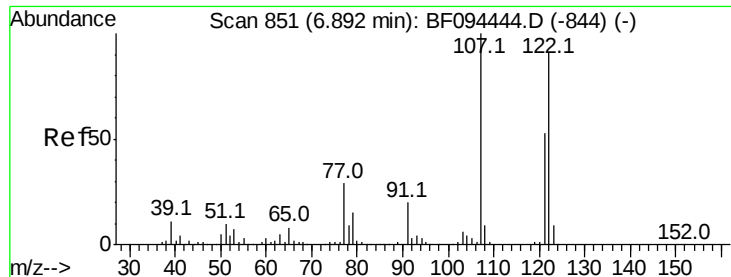
109 26.3 21.0 31.6

65 45.6 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

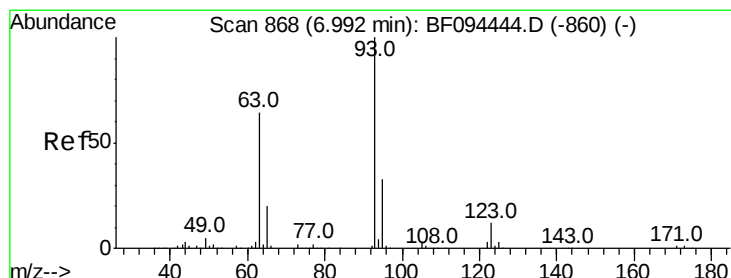
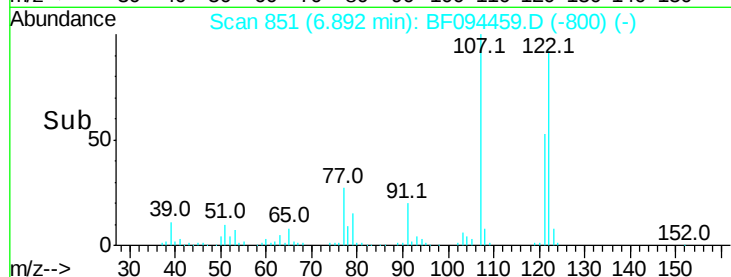
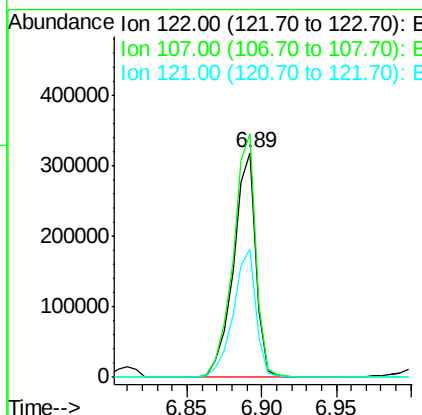
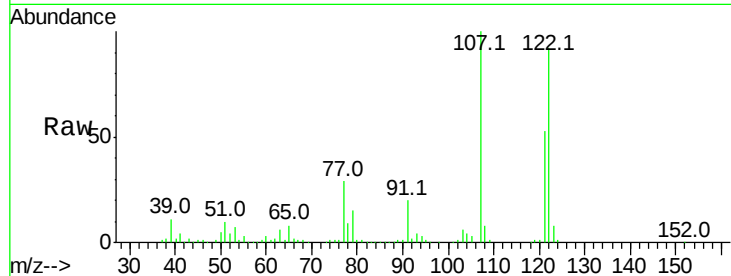




#27
2,4-Dimethylphenol
Concen: 37.94 ng
RT: 6.89 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF094459.D
Acq: 17 Apr 2017 19:46

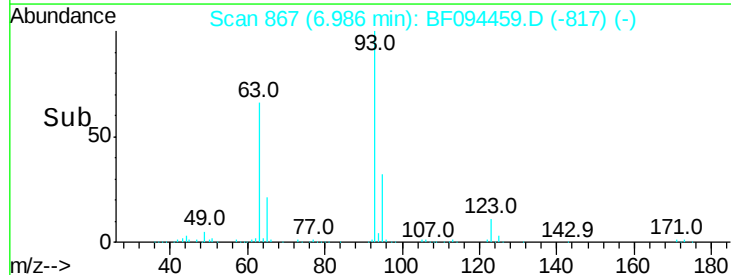
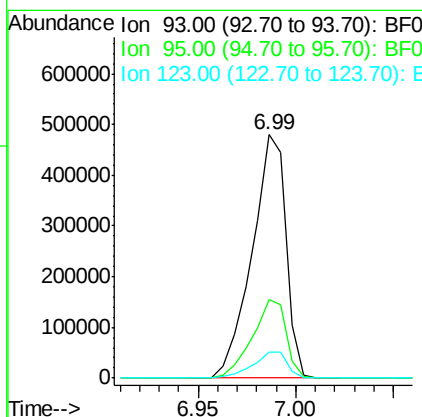
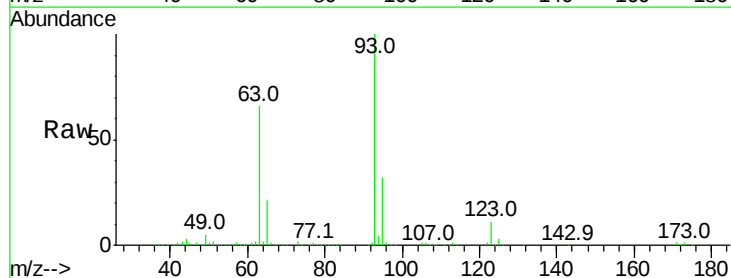
Instrument :
BNA_F
ClientSampleId :

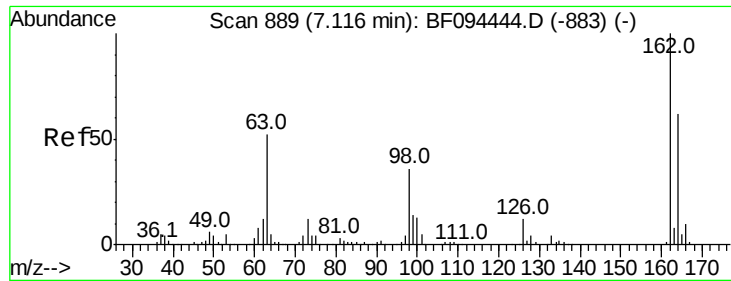
Tot Ion:122 Resp: 334942
Ion Ratio Lower Upper
122 100
107 108.4 89.2 133.8
121 57.0 45.2 67.8



#28
bis(2-Chloroethoxy)methane
Concen: 50.30 ng
RT: 6.99 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF094459.D
Acq: 17 Apr 2017 19:46

Tgt Ion: 93 Resp: 579396
Ion Ratio Lower Upper
93 100
95 32.4 26.5 39.7
123 10.8 9.0 13.4

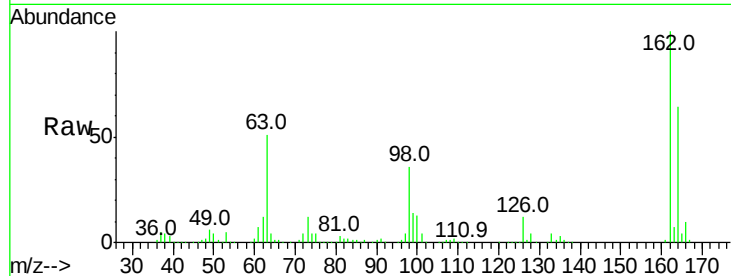




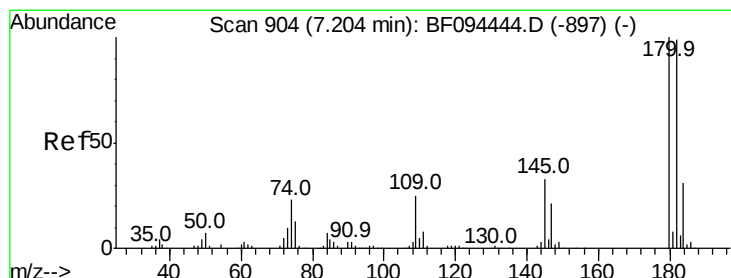
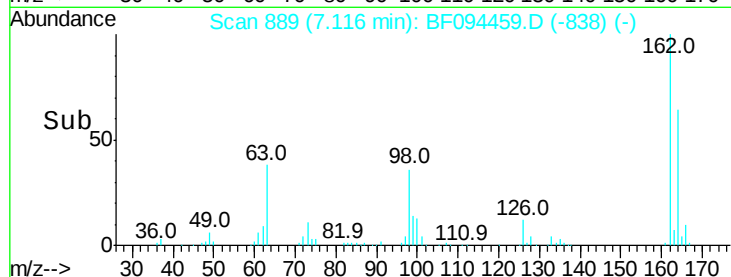
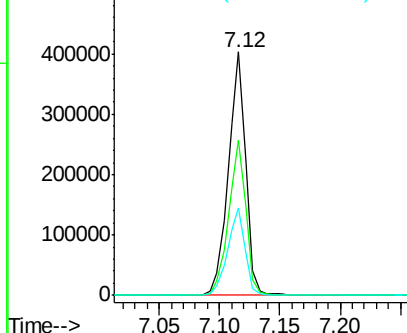
#29
 2,4-Dichlorophenol
 Concen: 48.74 ng
 RT: 7.12 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BF094459.D
 Acq: 17 Apr 2017 19:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.6	84.6
98	35.8	14.8	54.8

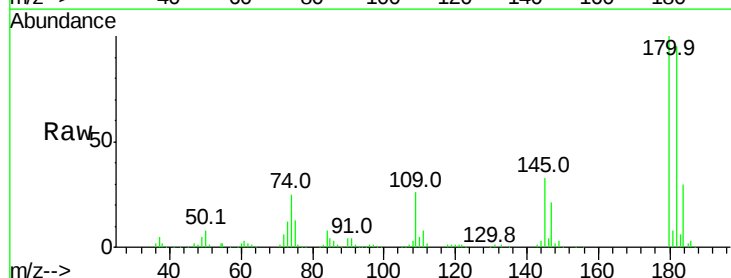


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

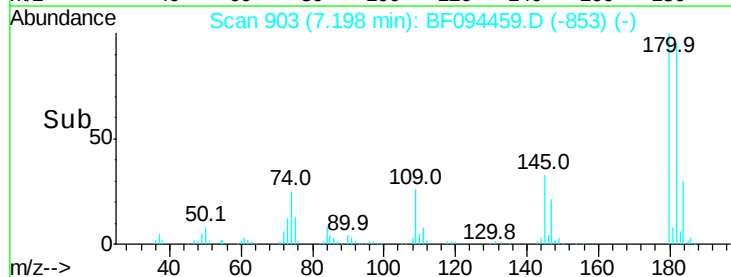
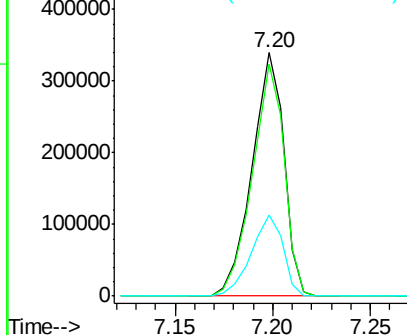


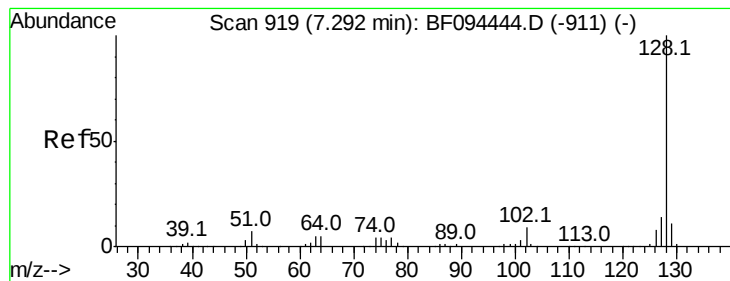
#30
 1,2,4-Trichlorobenzene
 Concen: 45.28 ng
 RT: 7.20 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF094459.D
 Acq: 17 Apr 2017 19:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.8	113.6
145	33.2	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: 46.10 ng

RT: 7.29 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

Instrument :

BNA_F

ClientSampleId :

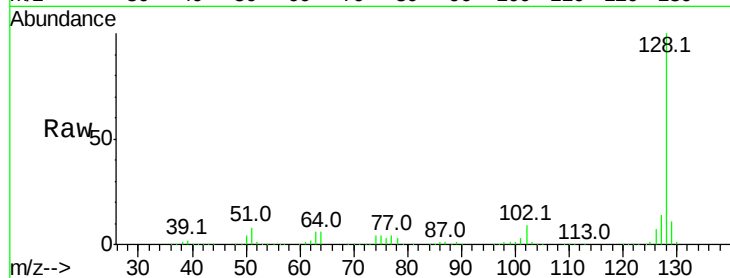
Tot Ion:128 Resp: 1314673

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

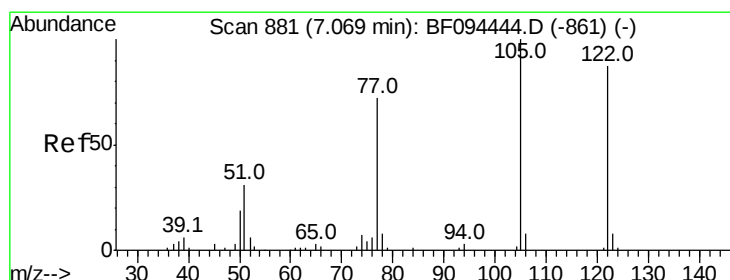
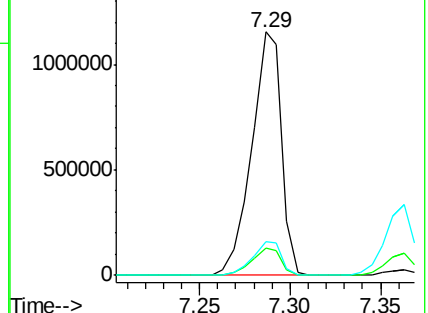
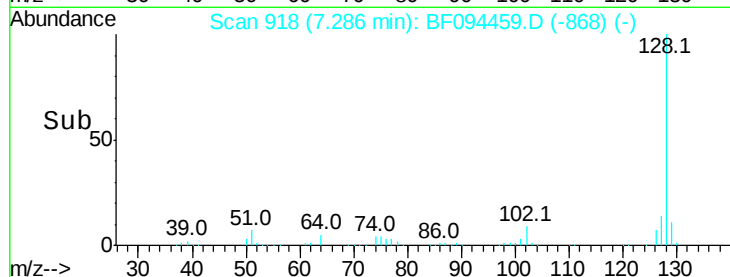
127 13.6 10.8 16.2



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: 7.24 ng

RT: 7.02 min Scan# 872

Delta R.T. -0.05 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

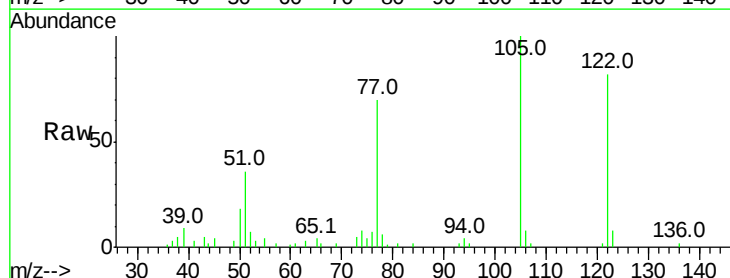
Tgt Ion:122 Resp: 33782

Ion Ratio Lower Upper

122 100

105 121.8 103.3 143.3

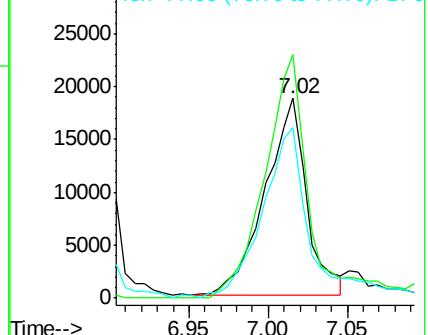
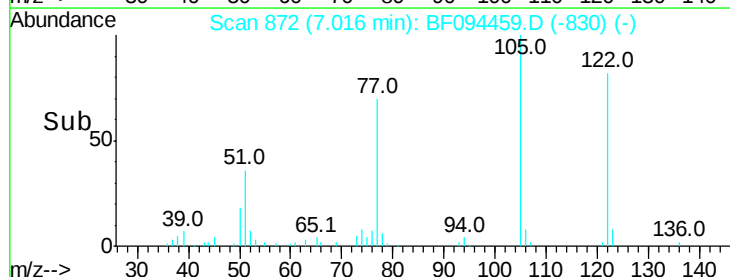
77 85.4 73.7 113.7

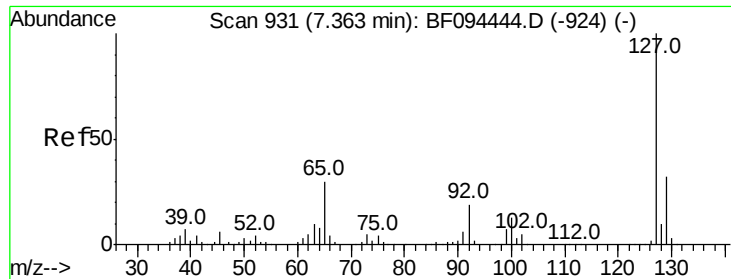


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

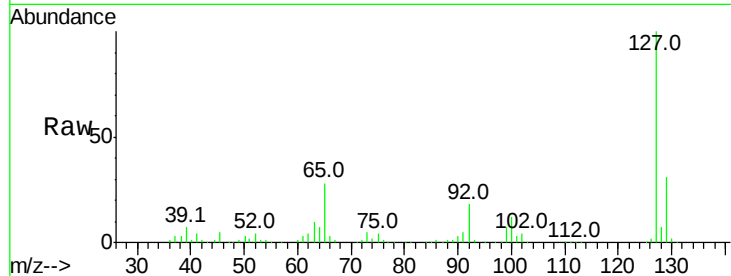




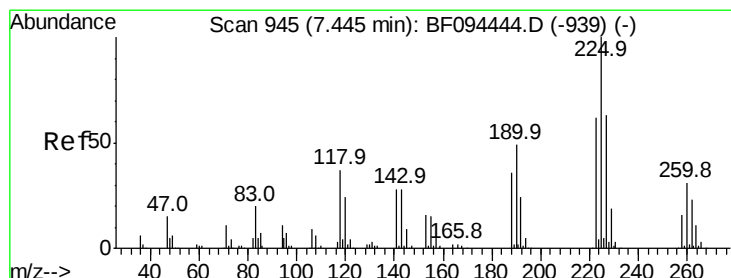
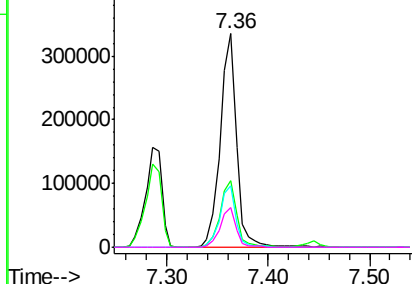
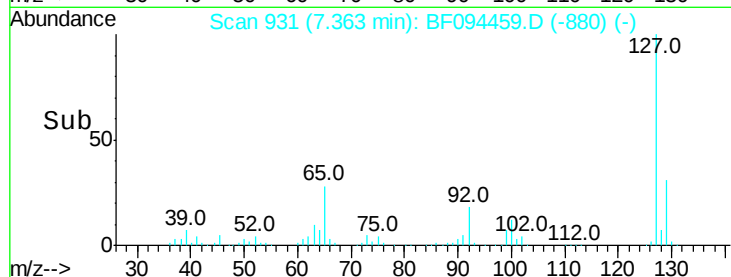
#33
 4-Chloroaniline
 Concen: 31.71 ng
 RT: 7.36 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF094459.D
 Acq: 17 Apr 2017 19:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	376180
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.2	39.2
65	28.5	27.8	41.8
92	18.3	16.8	25.2

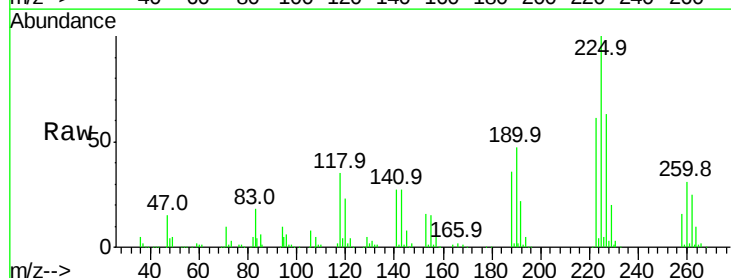


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

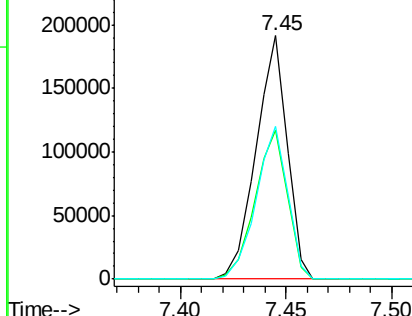
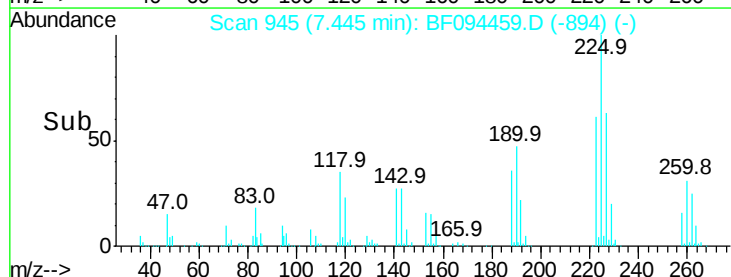


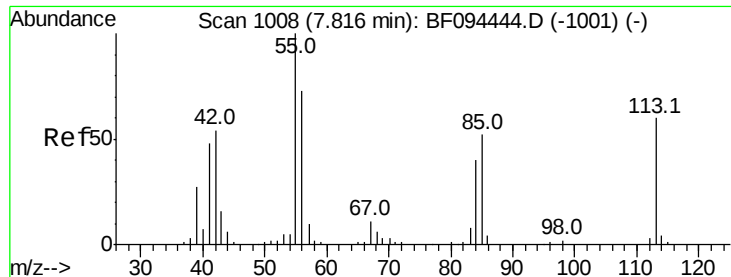
#34
 Hexachlorobutadiene
 Concen: 46.29 ng
 RT: 7.45 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF094459.D
 Acq: 17 Apr 2017 19:46

Tgt Ion:	225	Resp:	195938
Ion	Ratio	Lower	Upper
225	100		
223	61.3	48.8	73.2
227	63.0	51.1	76.7



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

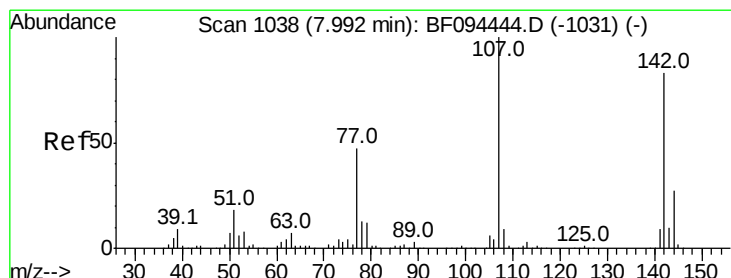
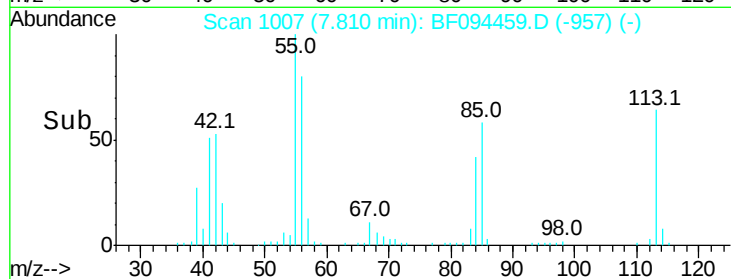
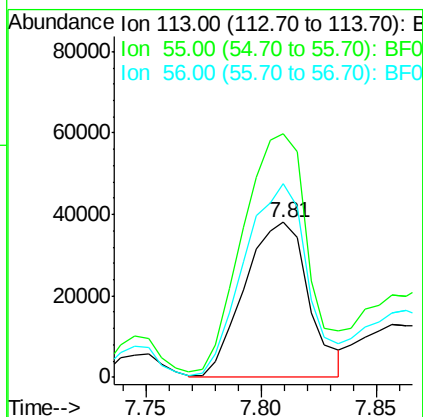
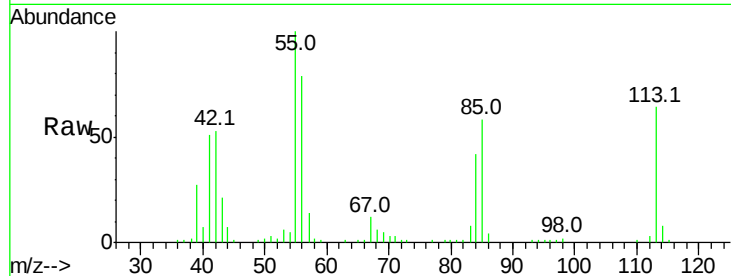




#35
 Caprolactam
 Concen: 28.53 ng
 RT: 7.81 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF094459.D
 Acq: 17 Apr 2017 19:46

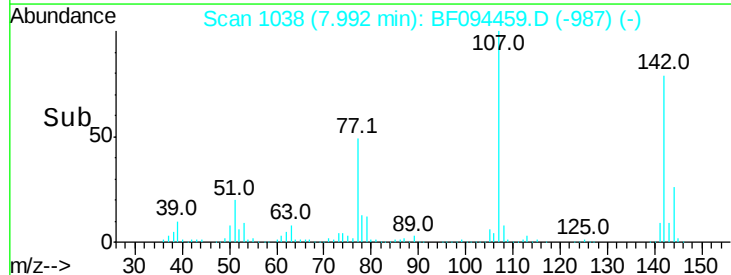
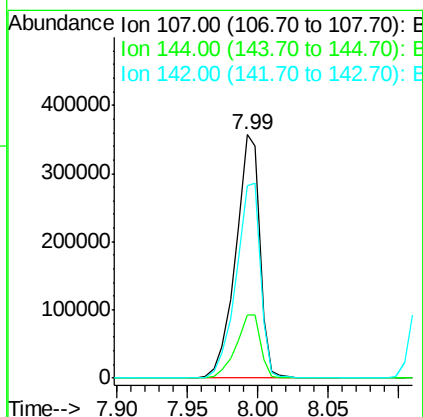
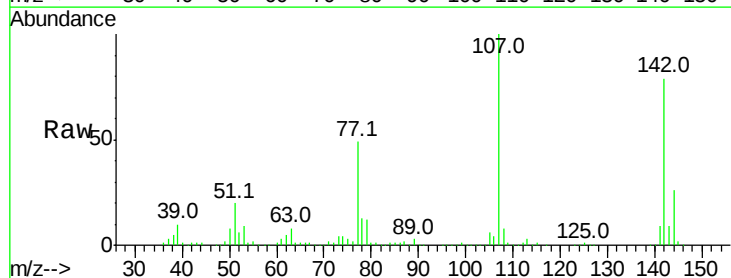
Instrument :
 BNA_F
 ClientSampleID :

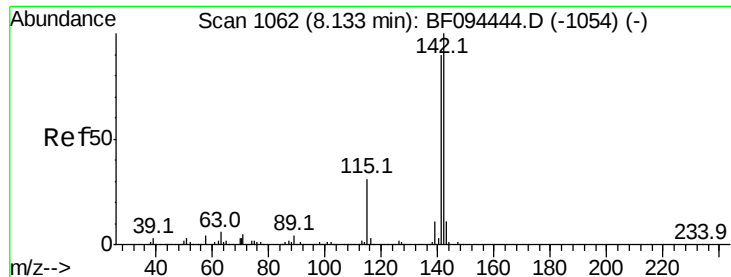
Tot Ion:113 Resp: 73611
 Ion Ratio Lower Upper
 113 100
 55 157.4 150.2 190.2
 56 124.9 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 49.31 ng
 RT: 7.99 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF094459.D
 Acq: 17 Apr 2017 19:46

Tgt Ion:107 Resp: 424377
 Ion Ratio Lower Upper
 107 100
 144 25.8 24.2 36.4
 142 79.0 73.4 110.0





#37

2-Methylnaphthalene

Concen: 48.29 ng

RT: 8.13 min Scan# 1062

Delta R.T. -0.00 min

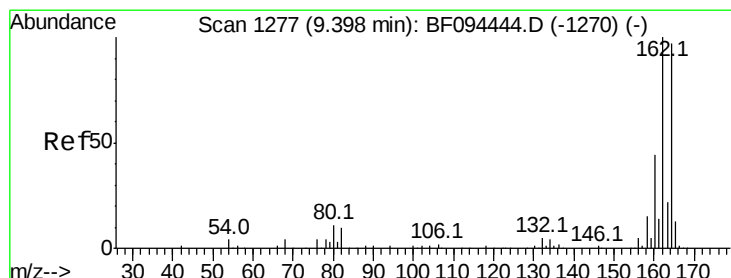
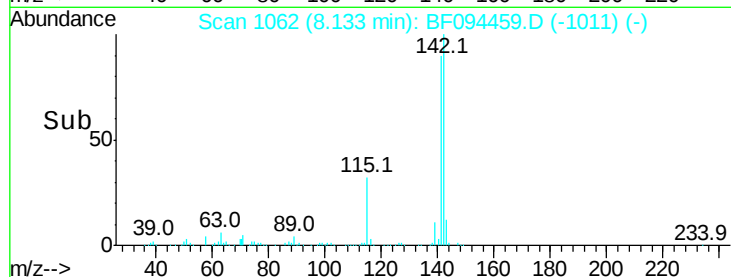
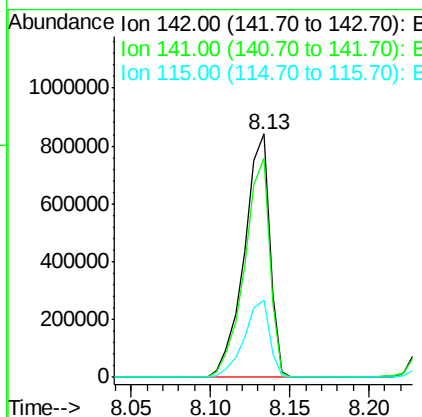
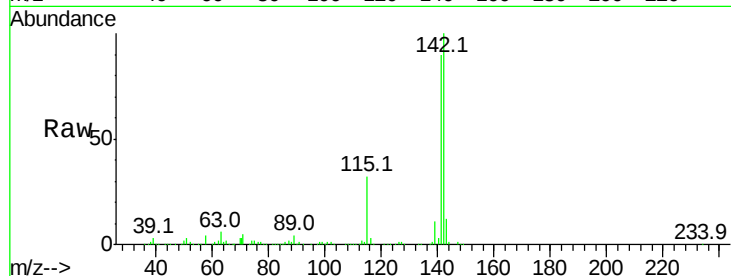
Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 942133

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.3	106.9
115	31.8	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.40 min Scan# 1277

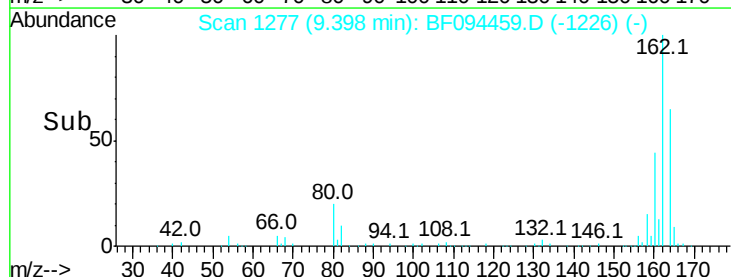
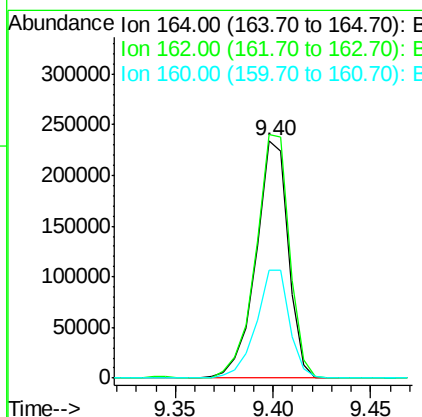
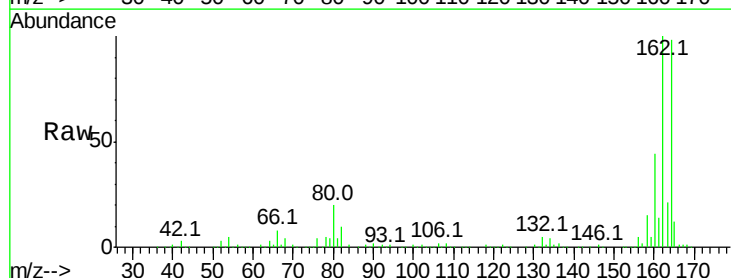
Delta R.T. -0.00 min

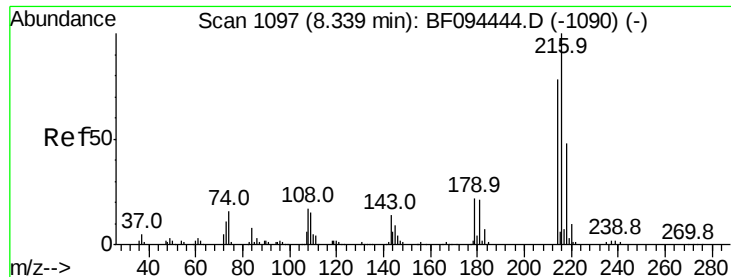
Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

Tgt Ion:164 Resp: 269195

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	123.8
160	45.4	36.2	54.2

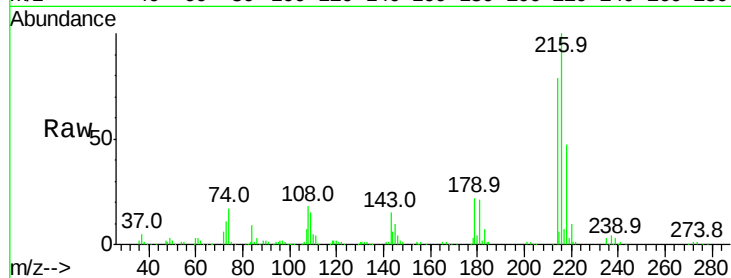




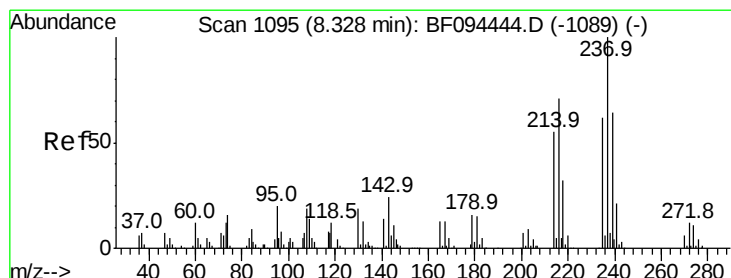
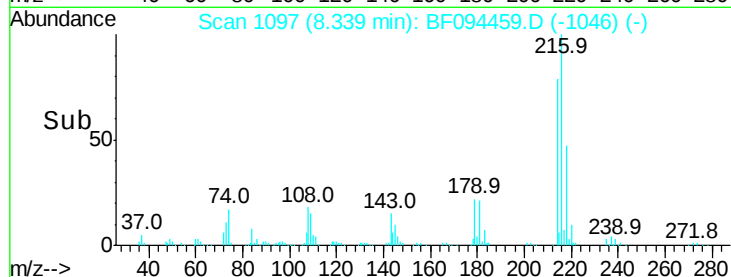
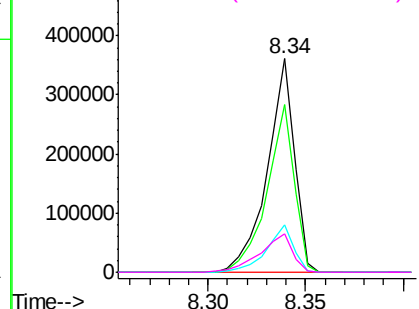
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.46 ng
 RT: 8.34 min Scan# 1097
 Delta R.T. -0.00 min
 Lab File: BF094459.D
 Acq: 17 Apr 2017 19:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	348453
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.2
179	22.2	17.9	26.9
108	21.5	16.5	24.7

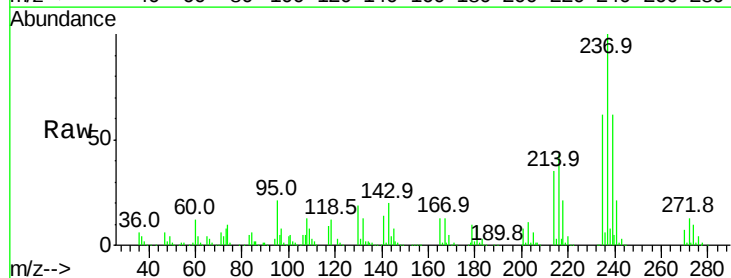


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

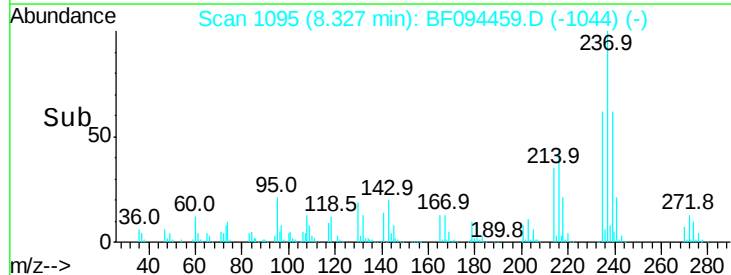
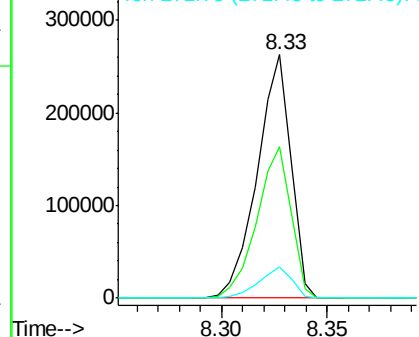


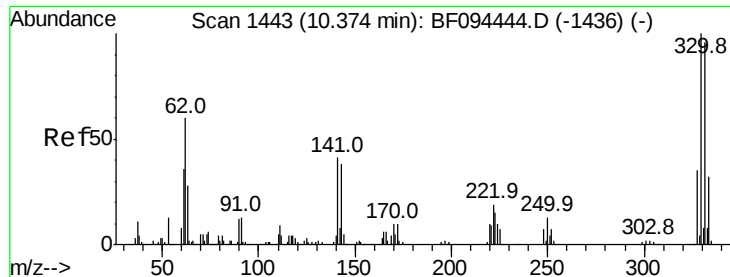
#40
 Hexachlorocyclopentadiene
 Concen: 93.63 ng
 RT: 8.33 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF094459.D
 Acq: 17 Apr 2017 19:46

Tgt Ion:	237	Resp:	290355
Ion	Ratio	Lower	Upper
237	100		
235	62.2	42.6	82.6
272	12.8	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

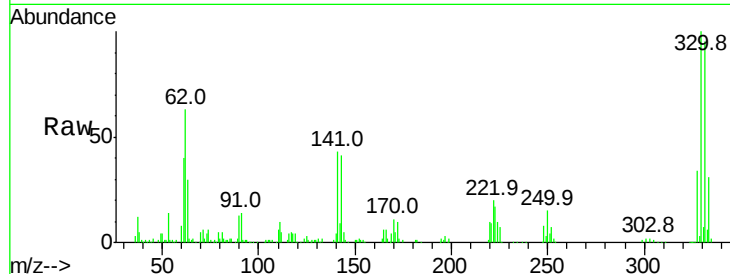




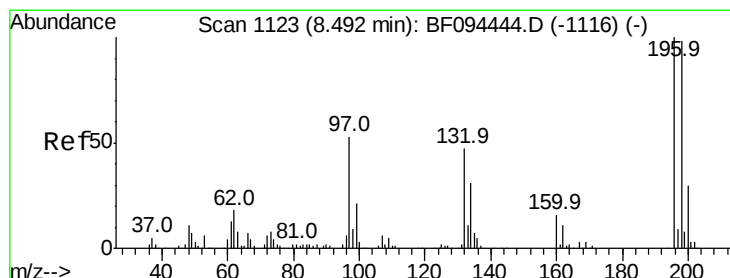
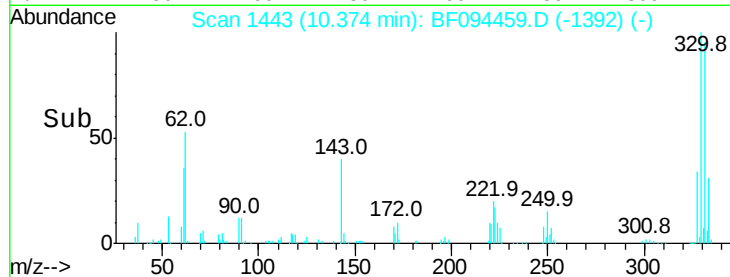
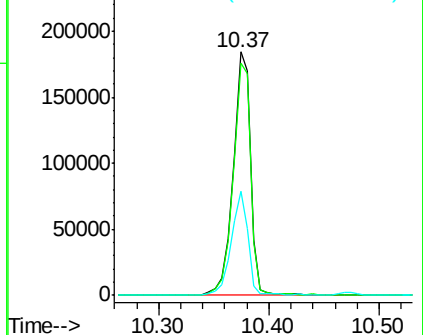
#41
 2,4,6-Tribromophenol
 Concen: 97.46 ng
 RT: 10.37 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: BF094459.D
 Acq: 17 Apr 2017 19:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 205218
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 41.5 31.4 47.2

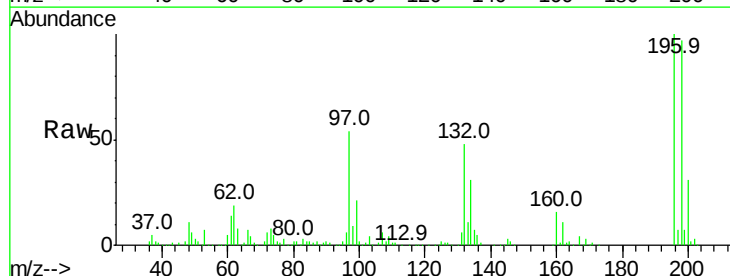


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

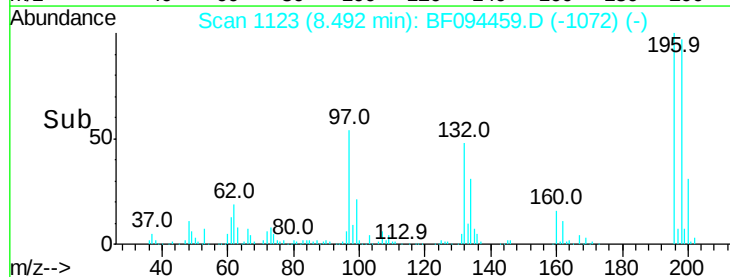
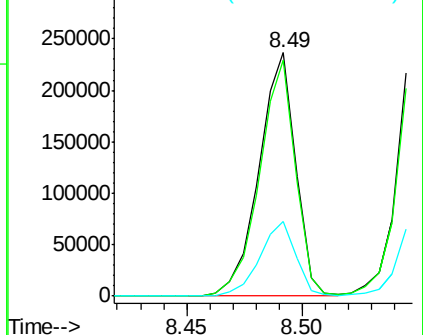


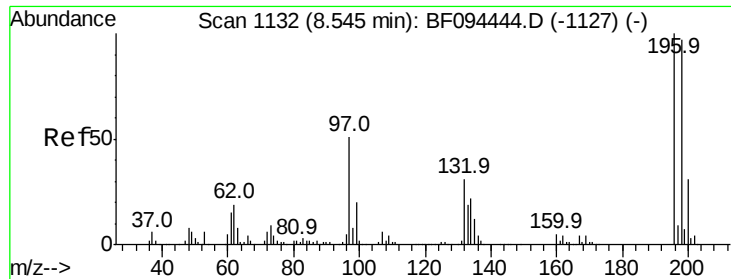
#42
 2,4,6-Trichlorophenol
 Concen: 48.47 ng
 RT: 8.49 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BF094459.D
 Acq: 17 Apr 2017 19:46

Tgt Ion:196 Resp: 260906
 Ion Ratio Lower Upper
 196 100
 198 97.0 74.2 111.4
 200 30.6 24.0 36.0



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

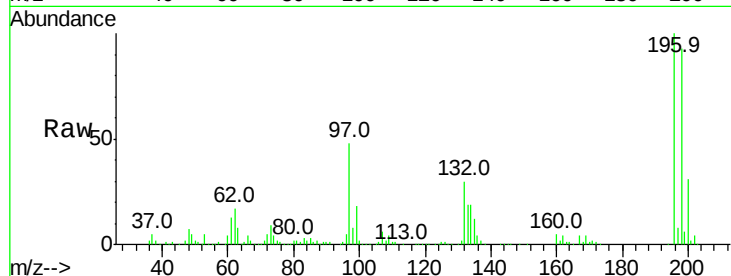




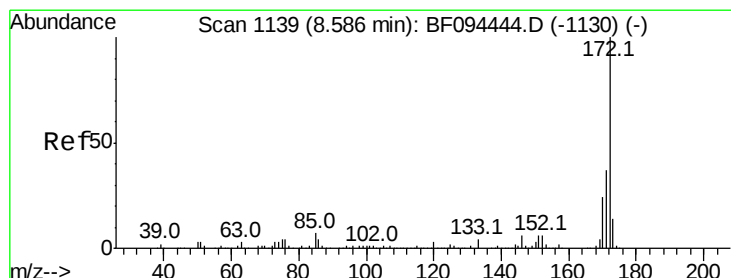
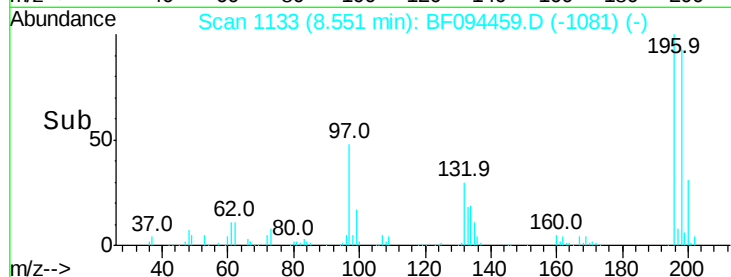
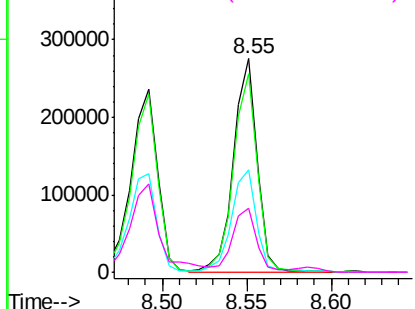
#43
 2,4,5-Trichlorophenol
 Concen: 48.02 ng
 RT: 8.55 min Scan# 1133
 Delta R.T. 0.01 min
 Lab File: BF094459.D
 Acq: 17 Apr 2017 19:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 265450
 Ion Ratio Lower Upper
 196 100
 198 93.2 75.7 113.5
 97 48.2 47.7 71.5
 132 29.9 28.0 42.0

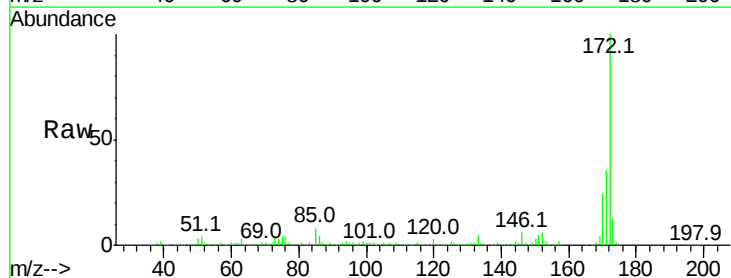


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

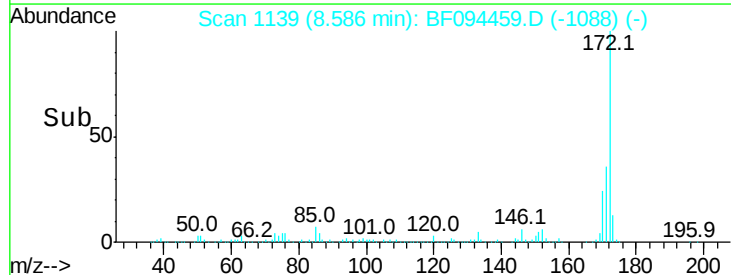
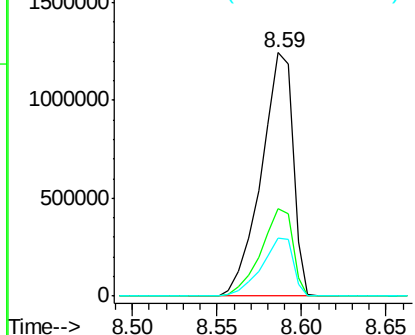


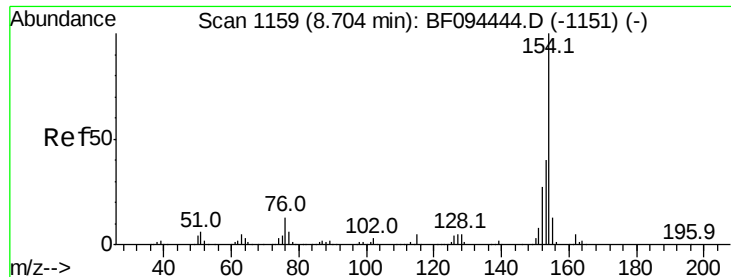
#44
 2-Fluorobiphenyl
 Concen: 88.46 ng
 RT: 8.59 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BF094459.D
 Acq: 17 Apr 2017 19:46

Tgt Ion:172 Resp: 1618475
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.7 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: 44.89 ng

RT: 8.70 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

Instrument :

BNA_F

ClientSampled :

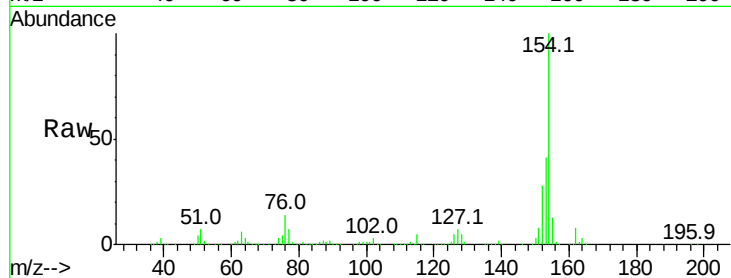
Tot Ion:154 Resp: 987232

Ion Ratio Lower Upper

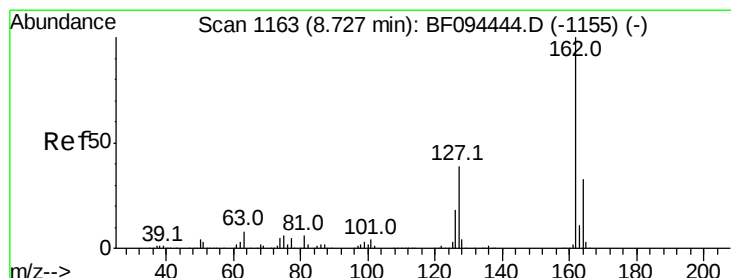
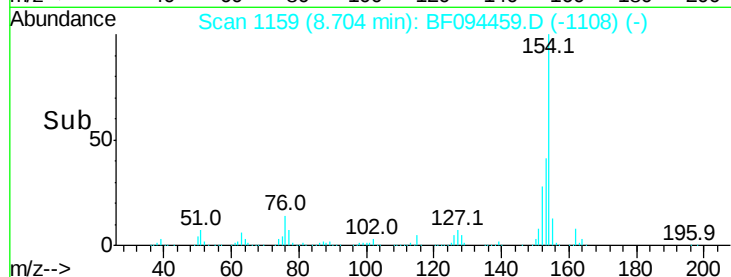
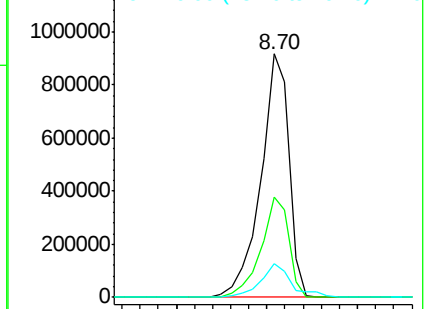
154 100

153 41.1 21.2 61.2

76 14.0 0.0 29.9



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



#46

2-Chloronaphthalene

Concen: 45.32 ng

RT: 8.73 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

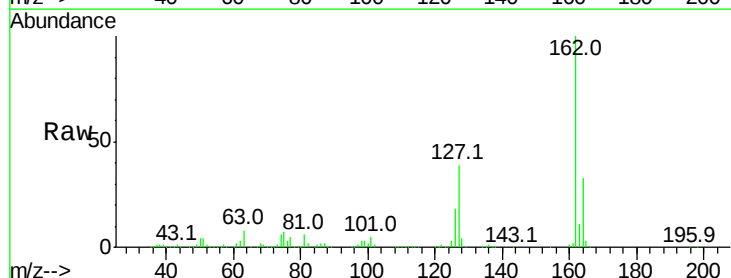
Tgt Ion:162 Resp: 792589

Ion Ratio Lower Upper

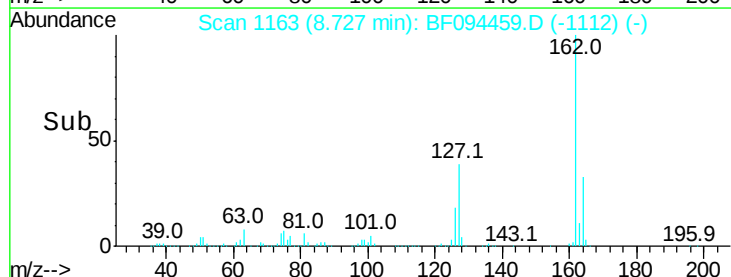
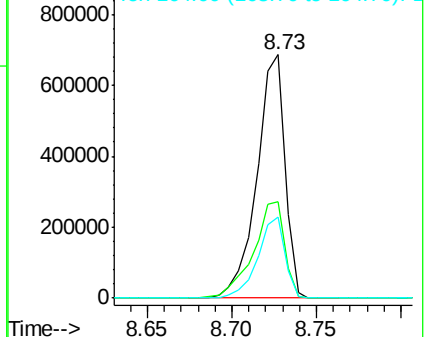
162 100

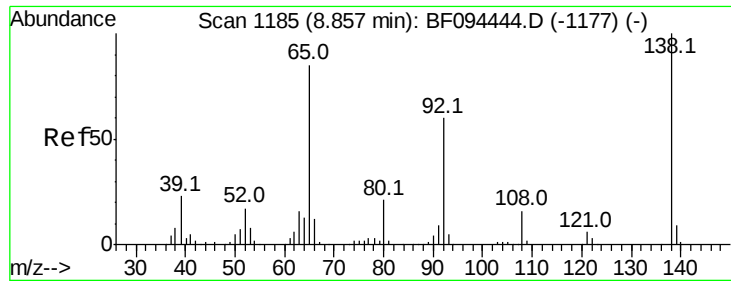
127 39.5 28.3 42.5

164 33.1 27.0 40.4



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

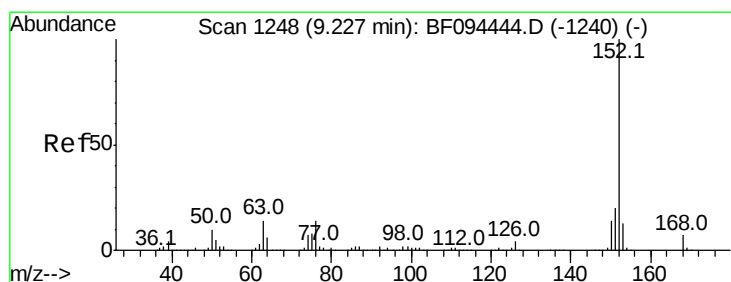
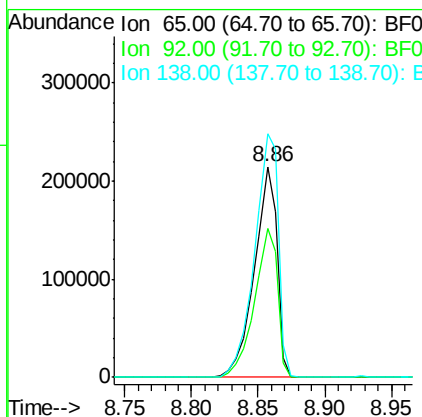
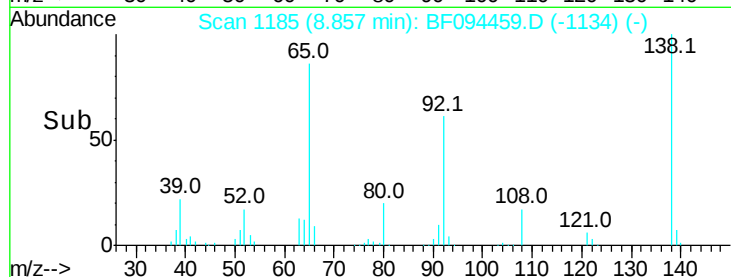
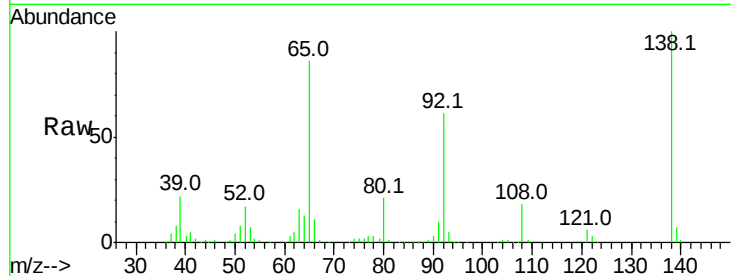




#47
 2-Nitroaniline
 Concen: 49.35 ng
 RT: 8.86 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF094459.D
 Acq: 17 Apr 2017 19:46

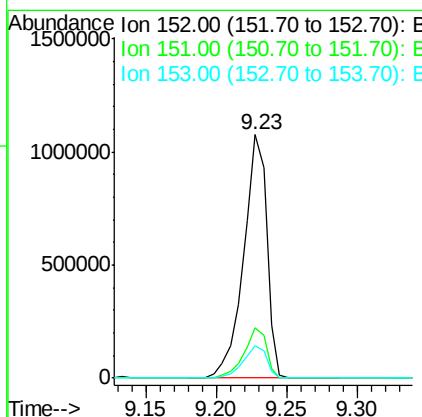
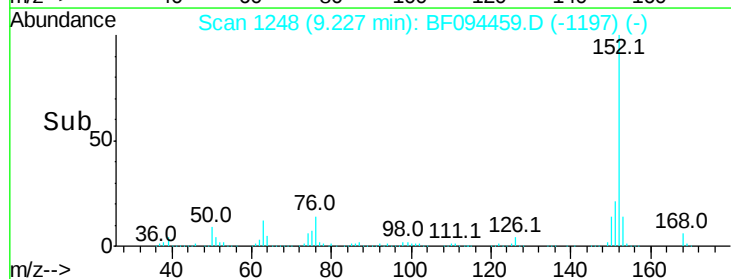
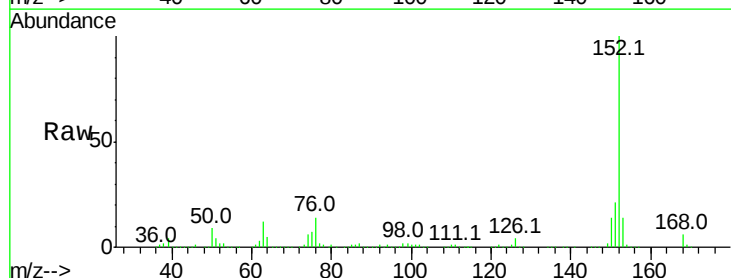
Instrument :
 BNA_F
 ClientSampleId :

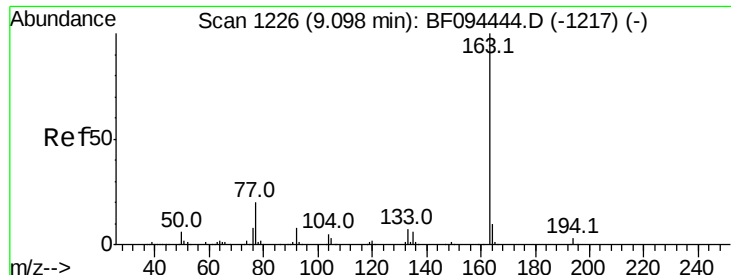
Tot Ion: 65 Resp: 248291
 Ion Ratio Lower Upper
 65 100
 92 70.5 53.9 80.9
 138 115.6 78.8 118.2



#48
 Acenaphthylene
 Concen: 45.40 ng
 RT: 9.23 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BF094459.D
 Acq: 17 Apr 2017 19:46

Tgt Ion:152 Resp: 1237616
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 13.6 10.8 16.2

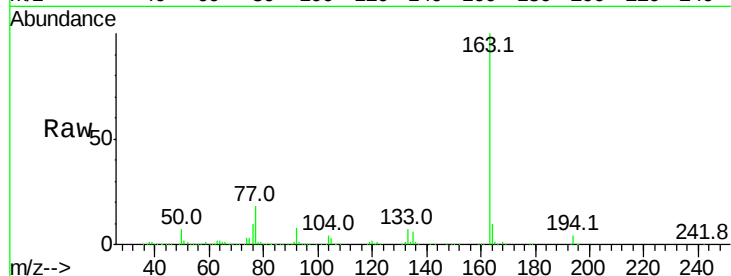




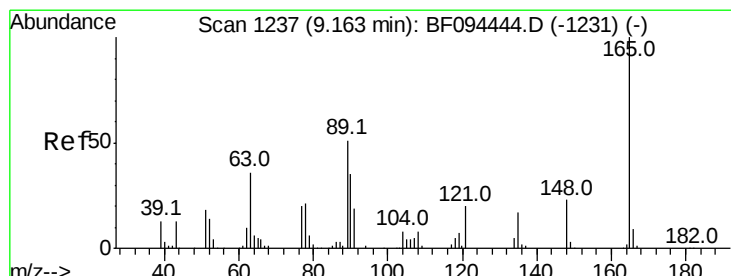
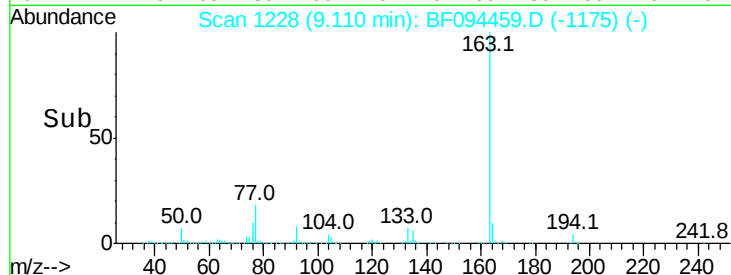
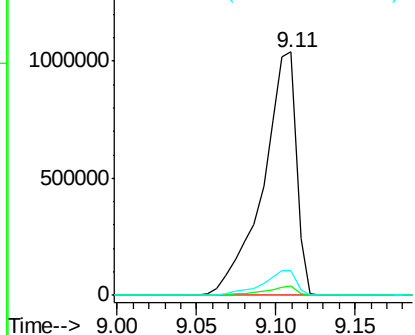
#49
Dimethylphthalate
Concen: 76.08 ng
RT: 9.11 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF094459.D
Acq: 17 Apr 2017 19:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1526281
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.0 8.4 12.6

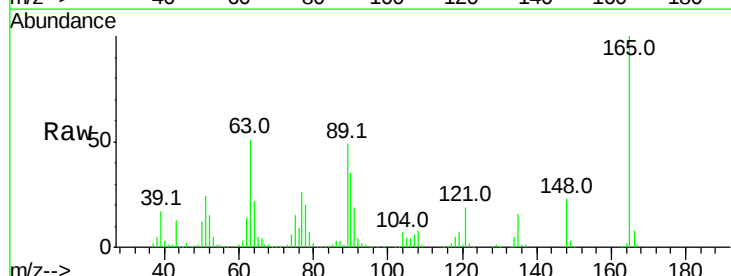


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

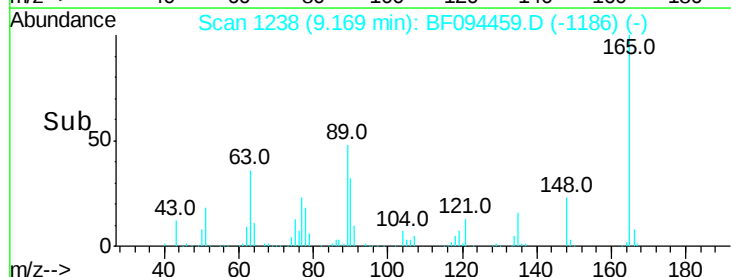
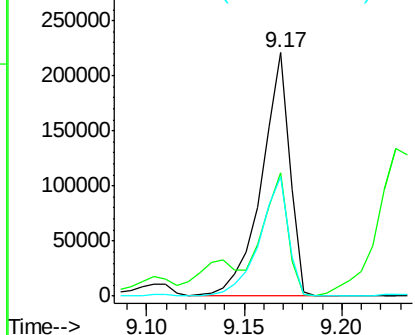


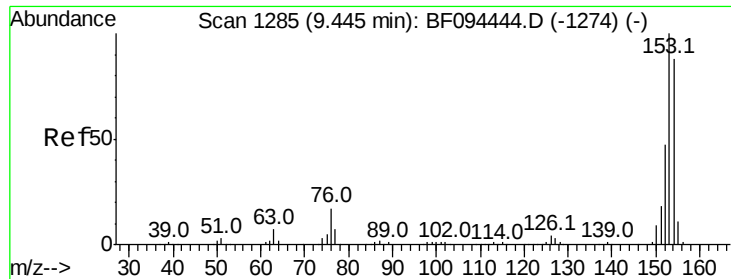
#50
2,6-Dinitrotoluene
Concen: 49.16 ng
RT: 9.17 min Scan# 1238
Delta R.T. 0.01 min
Lab File: BF094459.D
Acq: 17 Apr 2017 19:46

Tgt Ion:165 Resp: 221374
Ion Ratio Lower Upper
165 100
63 50.6 34.3 51.5
89 48.9 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: 45.58 ng

RT: 9.45 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

Instrument :

BNA_F

ClientSampleId :

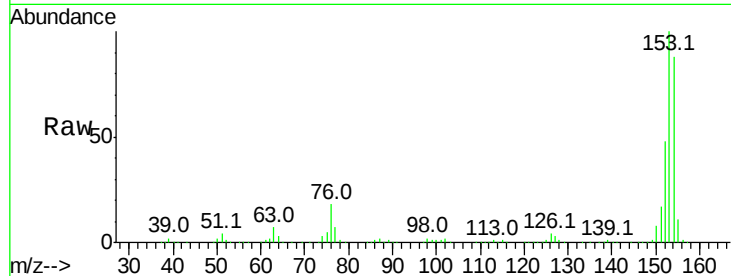
Tot Ion:154 Resp: 744343

Ion Ratio Lower Upper

154 100

153 113.9 90.5 135.7

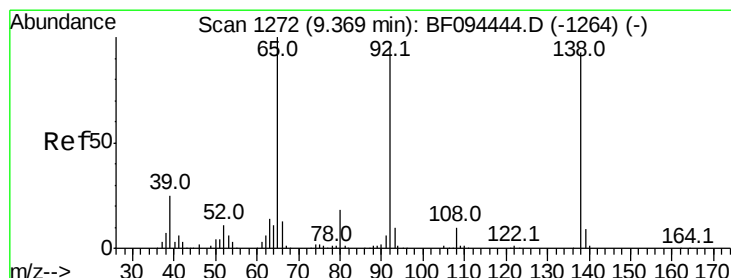
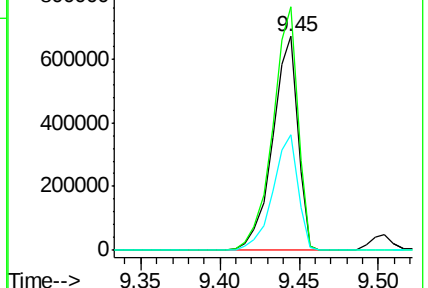
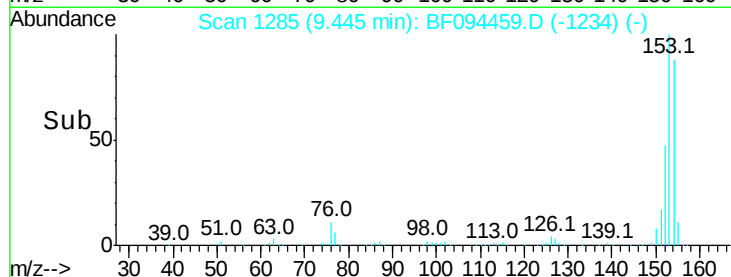
152 54.2 43.6 65.4



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: 38.88 ng

RT: 9.37 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

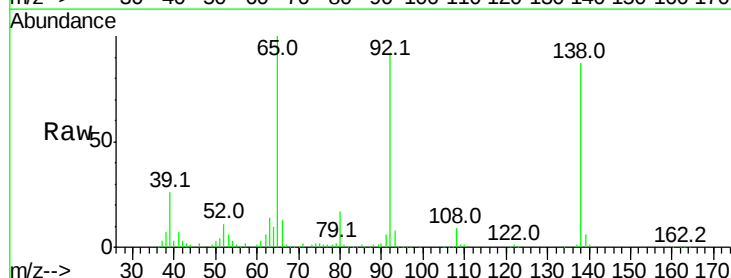
Tgt Ion:138 Resp: 202549

Ion Ratio Lower Upper

138 100

108 10.6 9.1 13.7

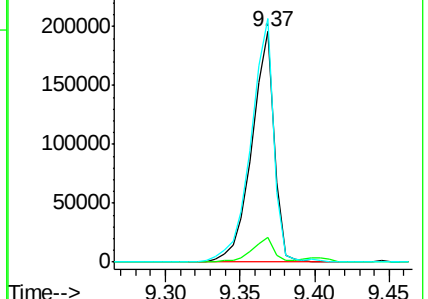
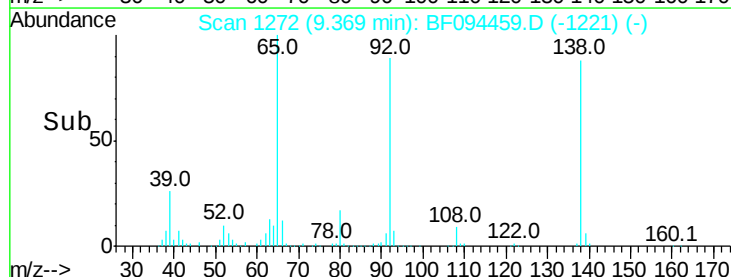
92 105.7 93.8 140.6

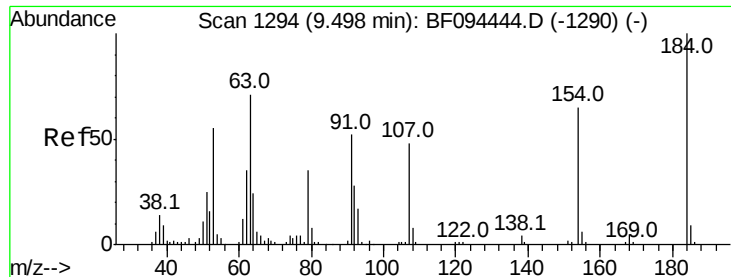


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

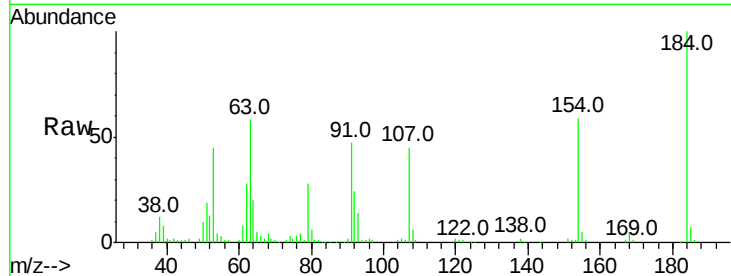




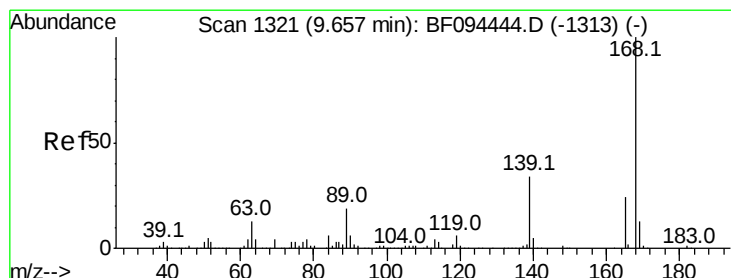
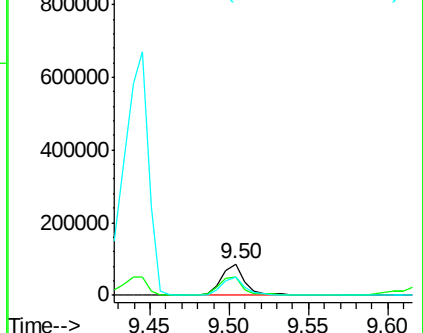
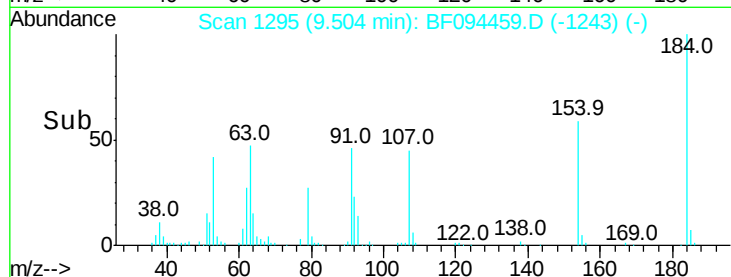
#53
 2,4-Dinitrophenol
 Concen: 40.19 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: BF094459.D
 Acq: 17 Apr 2017 19:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 90652
 Ion Ratio Lower Upper
 184 100
 63 57.5 62.7 94.1#
 154 59.3 81.1 121.7#

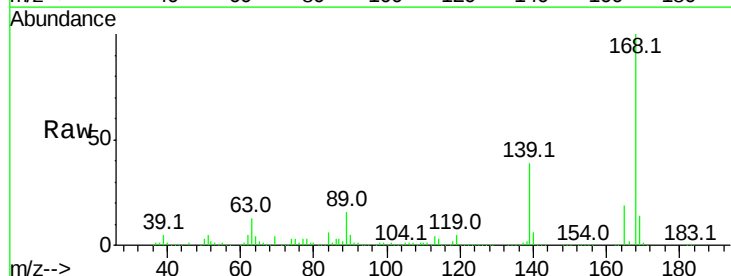


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

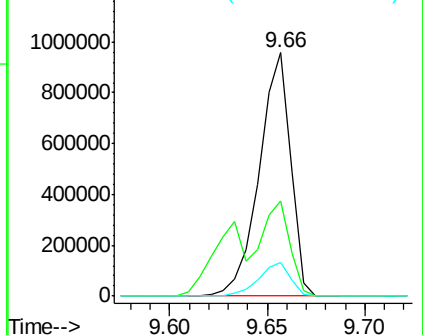
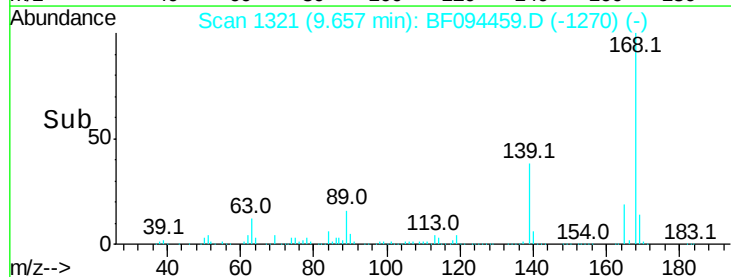


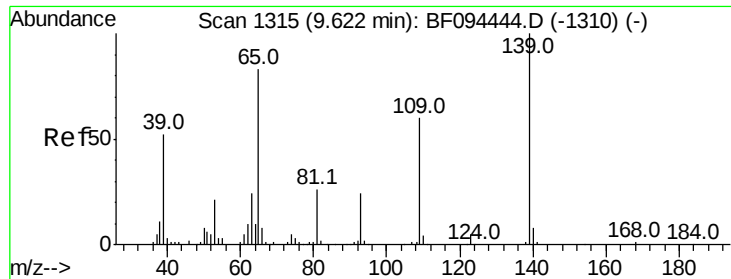
#54
 Dibenzofuran
 Concen: 44.86 ng
 RT: 9.66 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF094459.D
 Acq: 17 Apr 2017 19:46

Tgt Ion:168 Resp: 1064710
 Ion Ratio Lower Upper
 168 100
 139 38.8 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

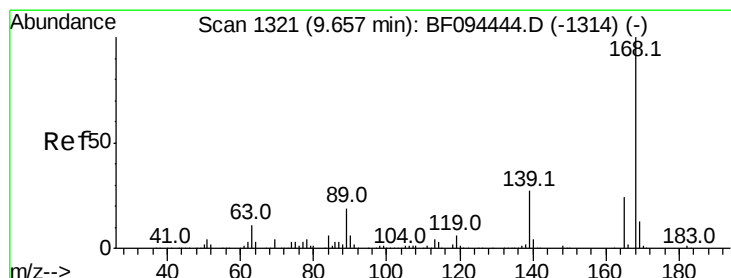
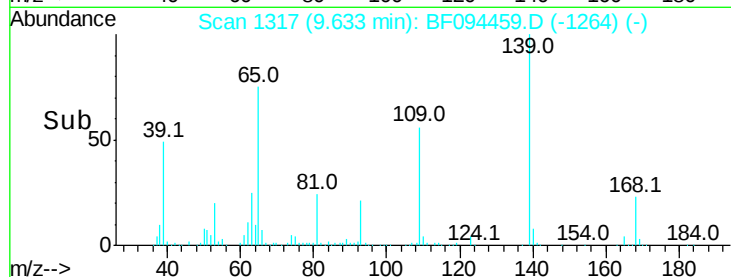
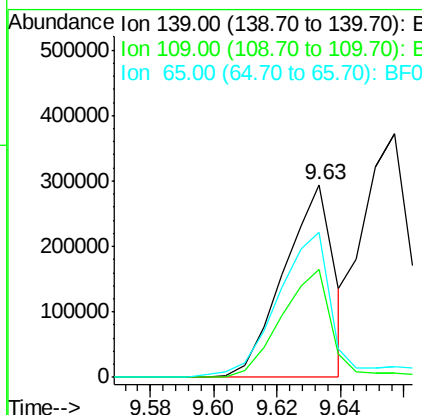
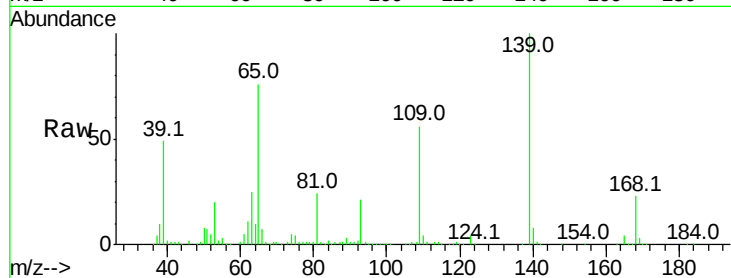




#55
4-Nitrophenol
Concen: 87.92 ng
RT: 9.63 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF094459.D
Acq: 17 Apr 2017 19:46

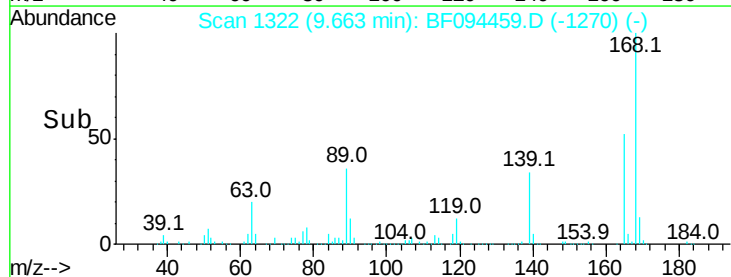
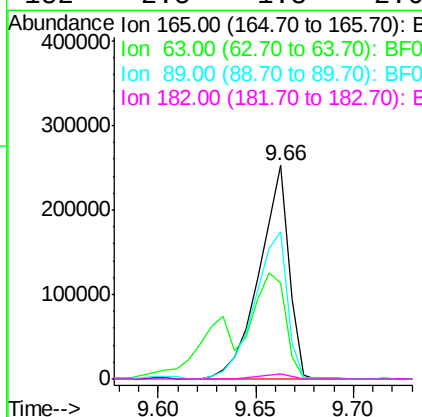
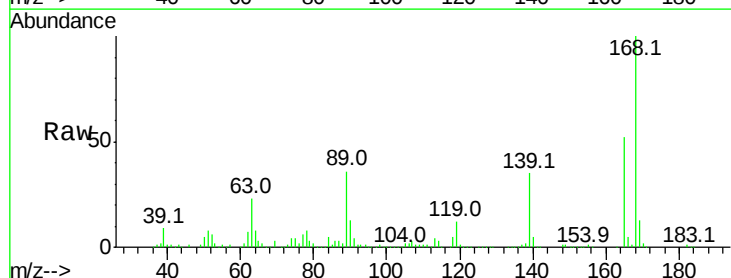
Instrument :
BNA_F
ClientSampleId :

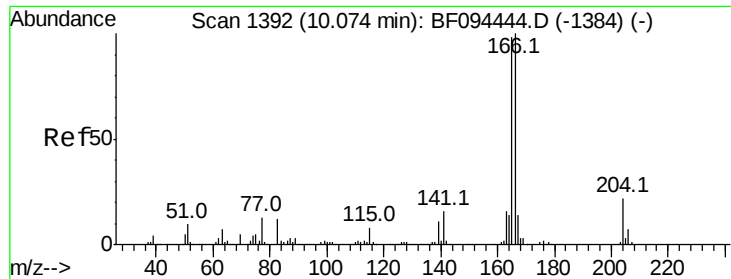
Tot Ion:139 Resp: 323592
Ion Ratio Lower Upper
139 100
109 56.3 34.1 74.1
65 75.6 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 48.26 ng
RT: 9.66 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF094459.D
Acq: 17 Apr 2017 19:46

Tgt Ion:165 Resp: 266649
Ion Ratio Lower Upper
165 100
63 44.9 25.4 38.0#
89 68.7 46.4 69.6
182 2.5 1.8 2.6

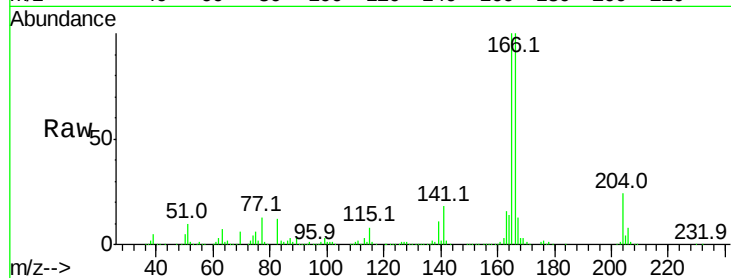




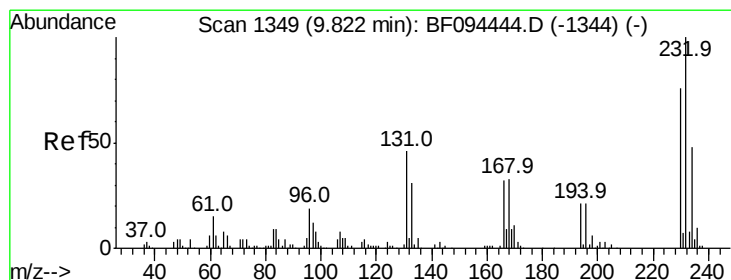
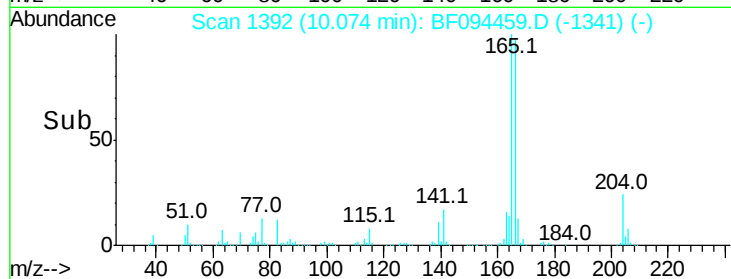
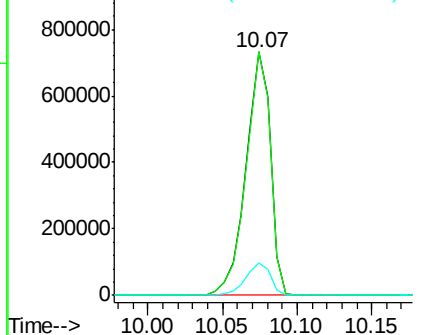
#57
 Fluorene
 Concen: 44.94 ng
 RT: 10.07 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: BF094459.D
 Acq: 17 Apr 2017 19:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 830586
 Ion Ratio Lower Upper
 166 100
 165 99.9 78.8 118.2
 167 13.3 10.6 16.0

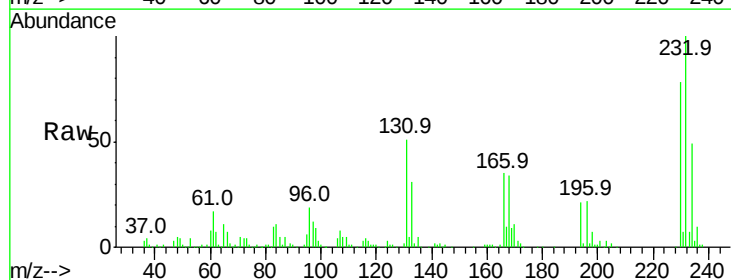


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

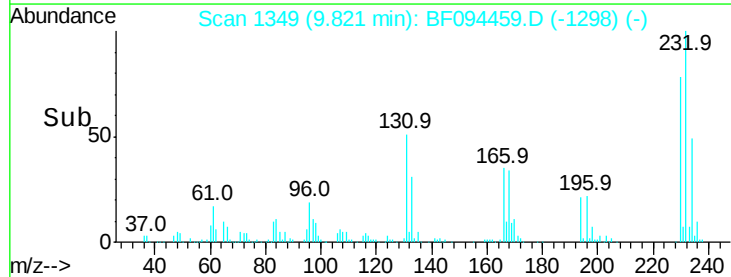
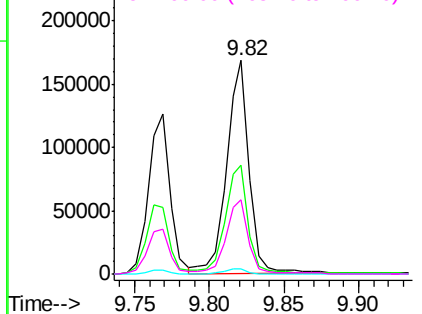


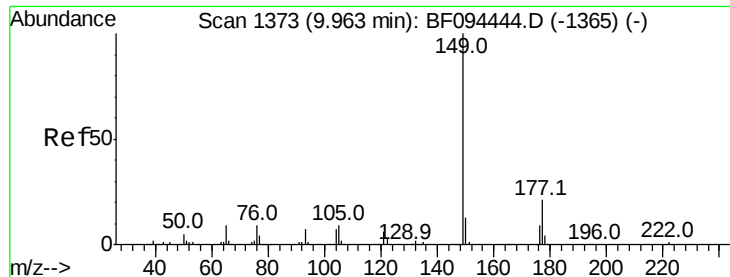
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.67 ng
 RT: 9.82 min Scan# 1349
 Delta R.T. -0.00 min
 Lab File: BF094459.D
 Acq: 17 Apr 2017 19:46

Tgt Ion:232 Resp: 177008
 Ion Ratio Lower Upper
 232 100
 131 53.0 44.8 67.2
 130 2.4 2.3 3.5
 166 35.0 29.0 43.4



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

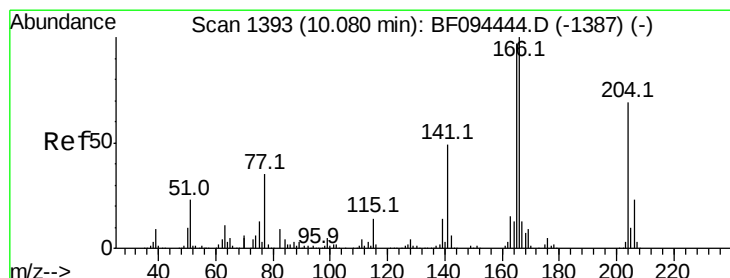
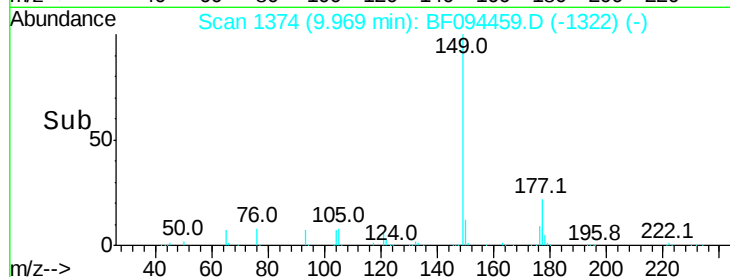
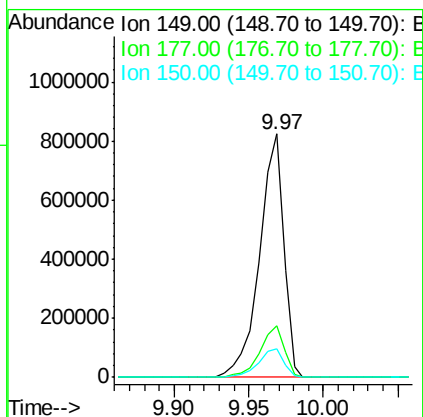
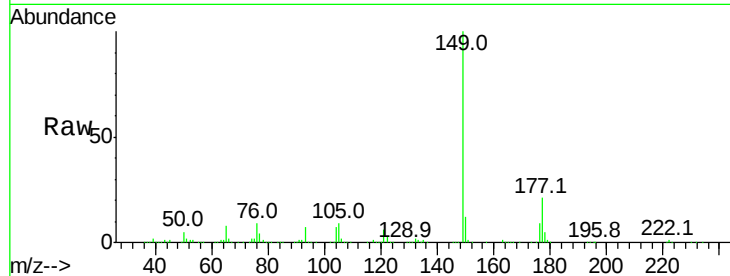




#59
Diethylphthalate
Concen: 48.46 ng
RT: 9.97 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BF094459.D
Acq: 17 Apr 2017 19:46

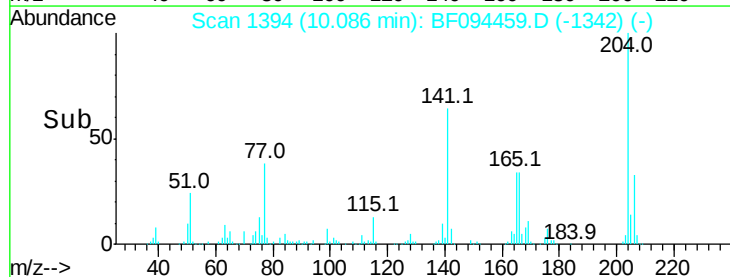
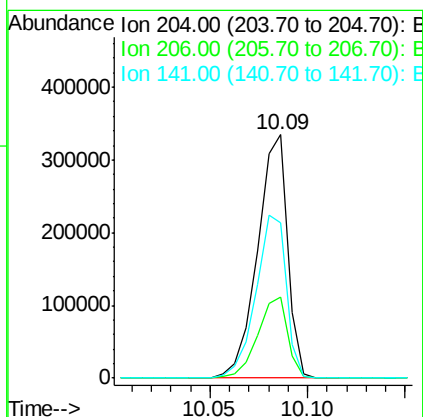
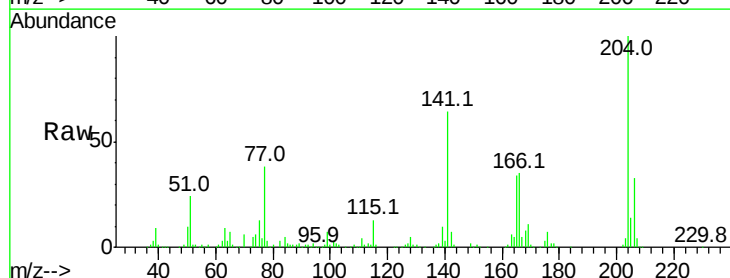
Instrument :
BNA_F
ClientSampled :

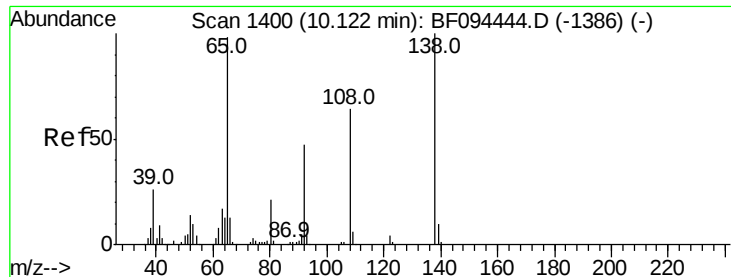
Tot Ion:149 Resp: 917216
Ion Ratio Lower Upper
149 100
177 21.4 16.7 25.1
150 12.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 46.33 ng
RT: 10.09 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF094459.D
Acq: 17 Apr 2017 19:46

Tgt Ion:204 Resp: 356338
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 63.8 60.8 91.2

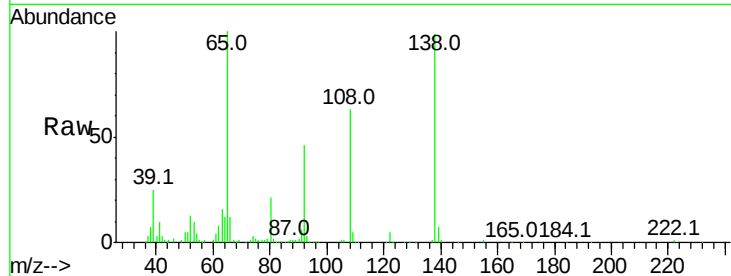




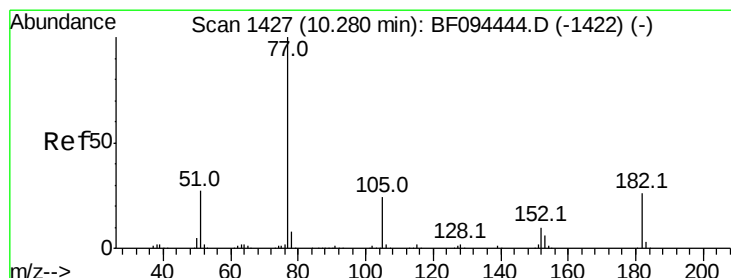
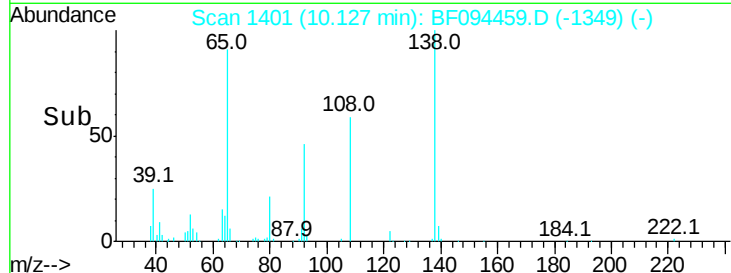
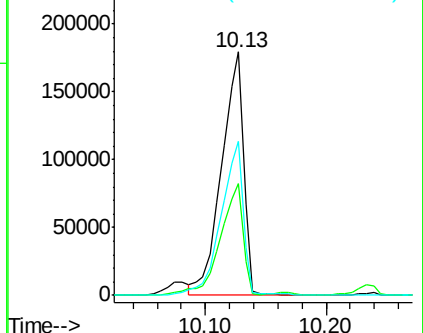
#61
4-Nitroaniline
Concen: 42.68 ng
RT: 10.13 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF094459.D
Acq: 17 Apr 2017 19:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 226053
Ion Ratio Lower Upper
138 100
92 45.9 21.8 61.8
108 63.3 42.3 82.3

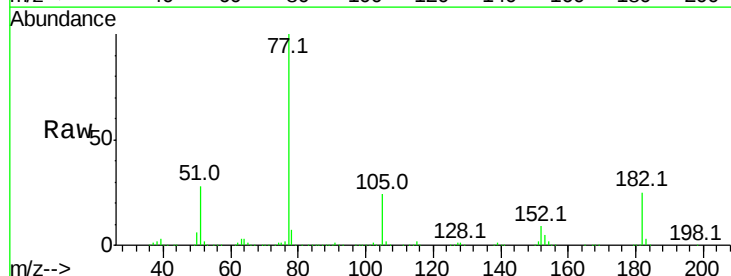


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

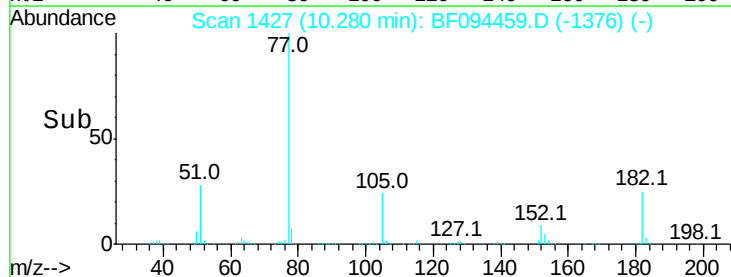
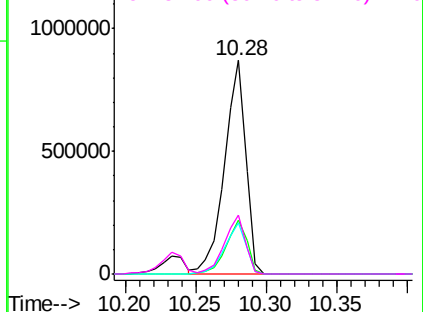


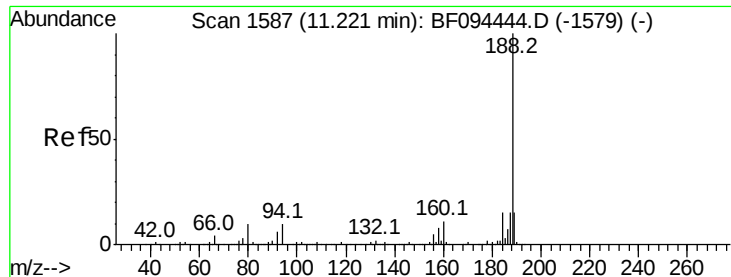
#62
Azobenzene
Concen: 49.31 ng
RT: 10.28 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF094459.D
Acq: 17 Apr 2017 19:46

Tgt Ion: 77 Resp: 906173
Ion Ratio Lower Upper
77 100
182 25.4 0.1 40.1
105 24.1 3.6 43.6
51 27.8 9.4 49.4



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

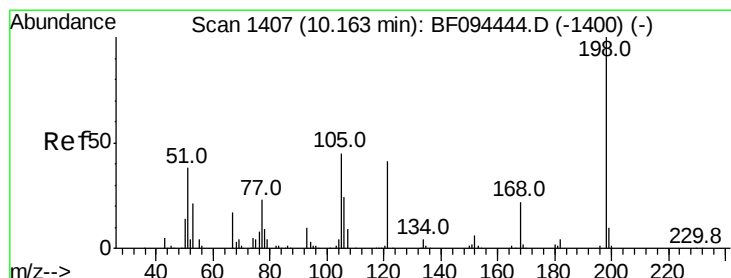
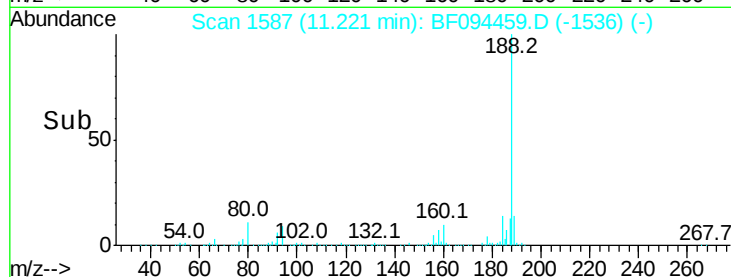
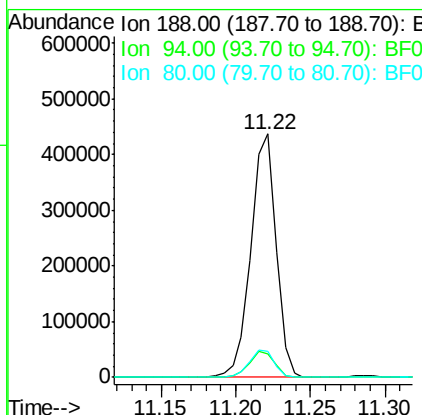
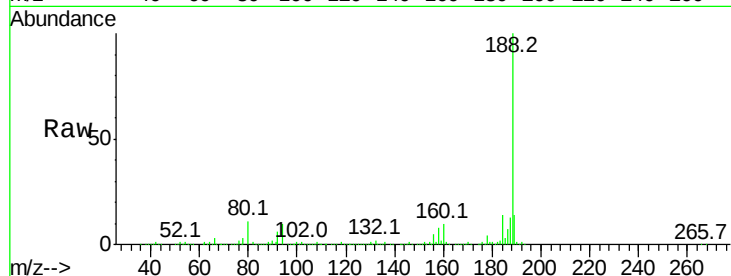




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF094459.D
Acq: 17 Apr 2017 19:46

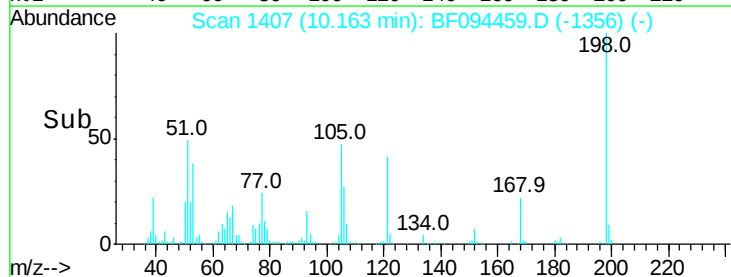
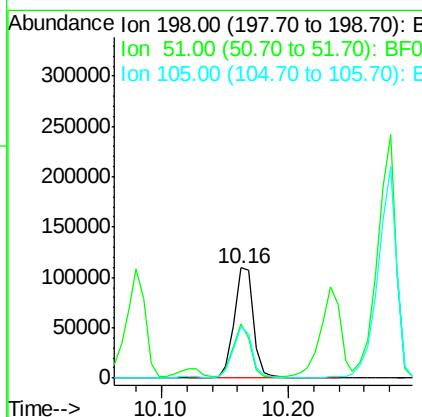
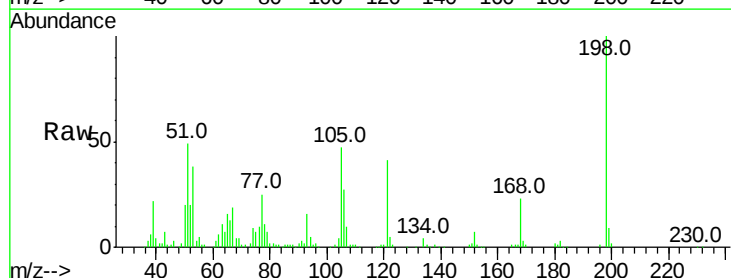
Instrument :
BNA_F
ClientSampled :

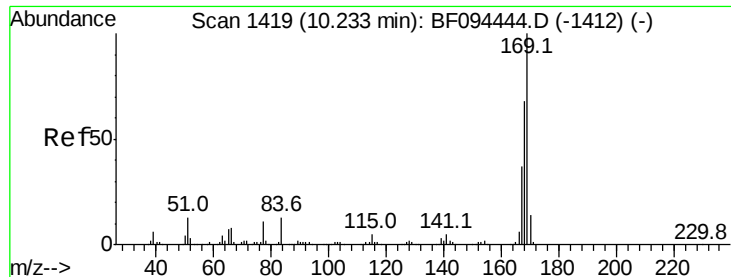
Tot Ion:188 Resp: 506874
Ion Ratio Lower Upper
188 100
94 9.8 9.4 14.2
80 10.8 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 34.67 ng
RT: 10.16 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF094459.D
Acq: 17 Apr 2017 19:46

Tgt Ion:198 Resp: 115141
Ion Ratio Lower Upper
198 100
51 48.8 53.2 93.2#
105 47.3 45.8 85.8

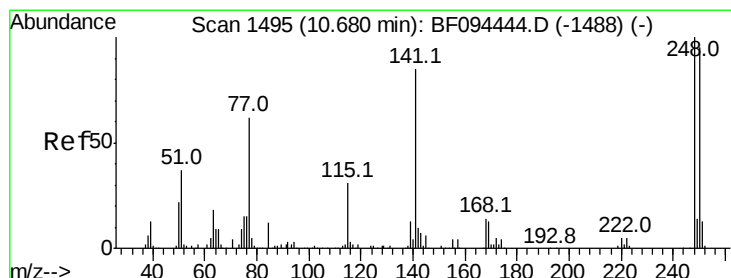
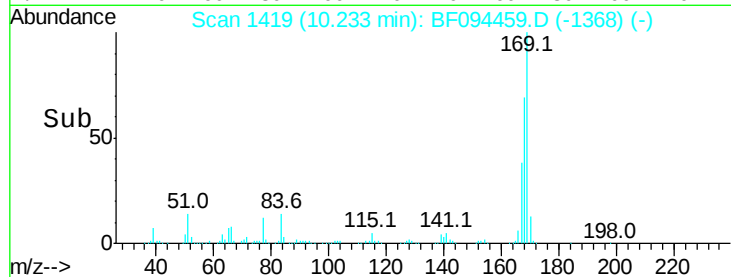
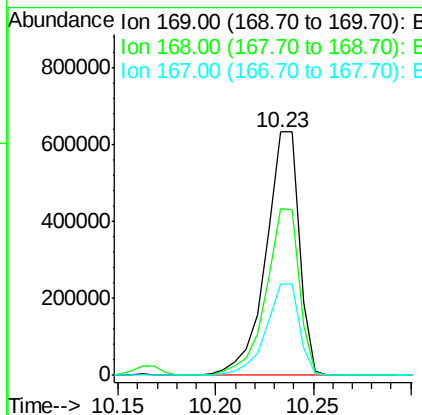
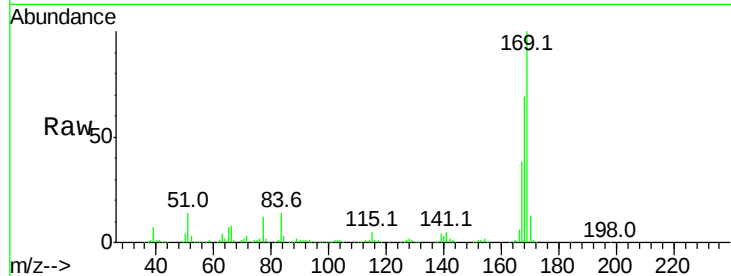




#65
 n-Nitrosodiphenylamine
 Concen: 42.56 ng
 RT: 10.23 min Scan# 1419
 Delta R.T. -0.00 min
 Lab File: BF094459.D
 Acq: 17 Apr 2017 19:46

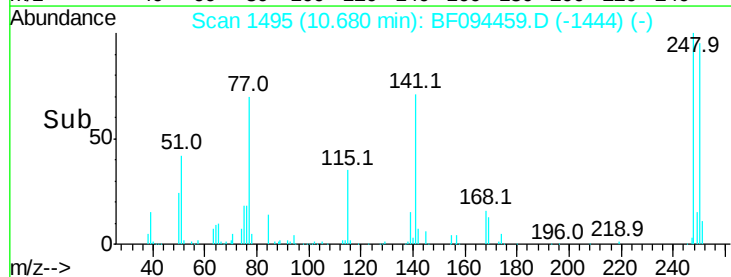
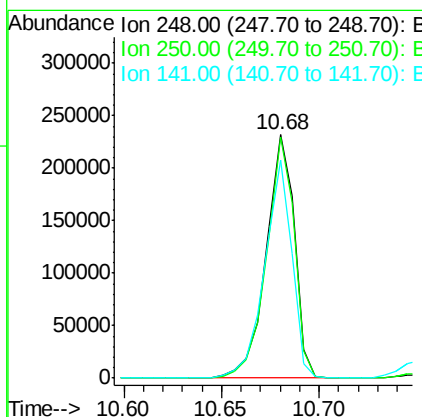
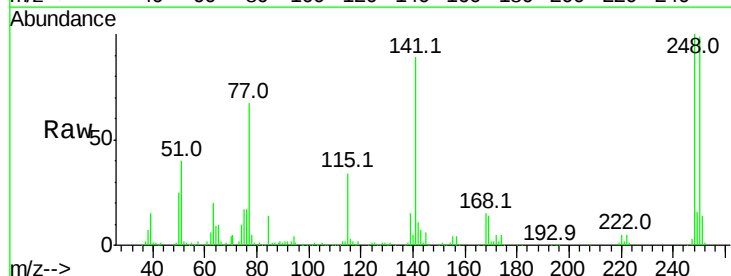
Instrument :
 BNA_F
 ClientSampleId :

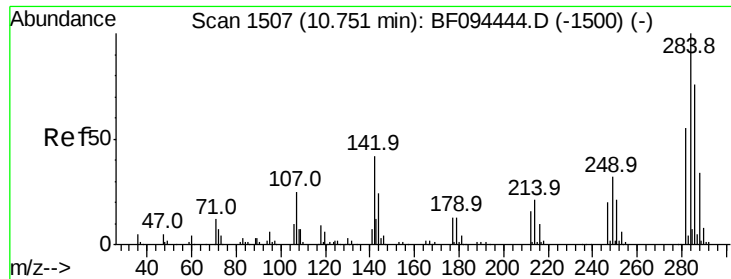
Tot Ion:169 Resp: 750244
 Ion Ratio Lower Upper
 169 100
 168 68.6 53.2 79.8
 167 37.6 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 46.39 ng
 RT: 10.68 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: BF094459.D
 Acq: 17 Apr 2017 19:46

Tgt Ion:248 Resp: 233465
 Ion Ratio Lower Upper
 248 100
 250 98.8 76.8 115.2
 141 89.4 68.6 103.0





#67

Hexachlorobenzene

Concen: 44.84 ng

RT: 10.75 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

Instrument :

BNA_F

ClientSampleId :

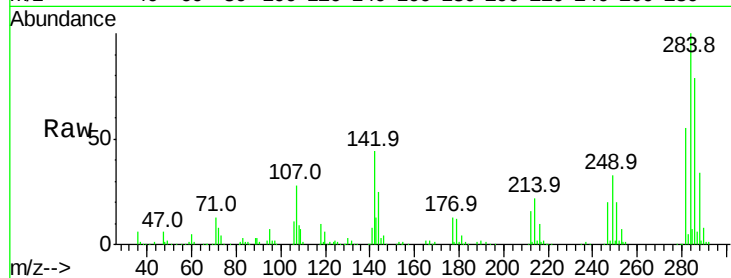
Tot Ion:284 Resp: 227414

Ion Ratio Lower Upper

284 100

142 44.2 22.8 34.2#

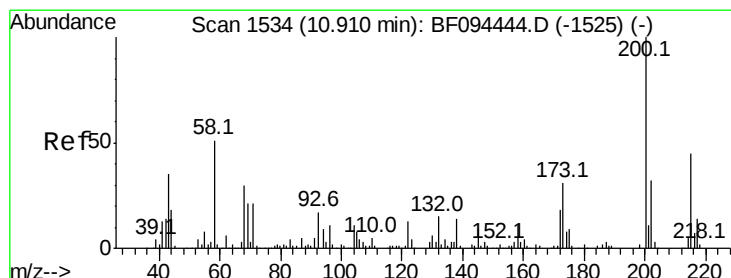
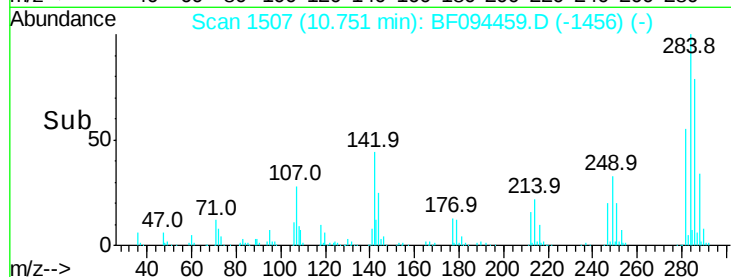
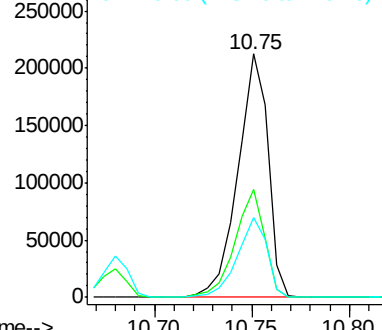
249 32.7 24.0 36.0



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: 46.64 ng

RT: 10.92 min Scan# 1535

Delta R.T. 0.01 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

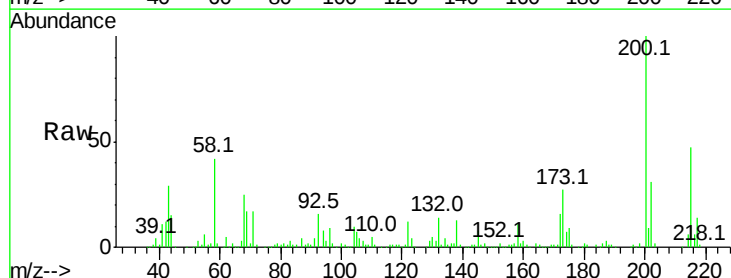
Tgt Ion:200 Resp: 245949

Ion Ratio Lower Upper

200 100

173 27.3 6.3 46.3

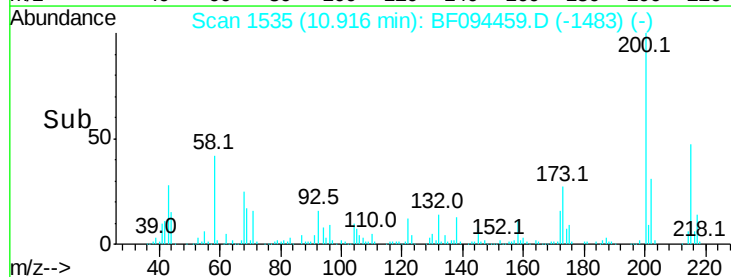
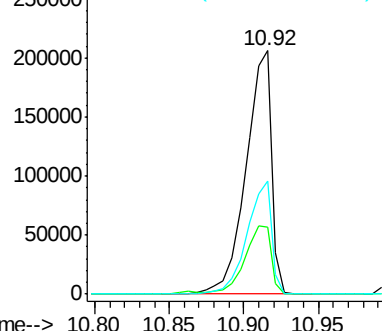
215 46.7 27.2 67.2

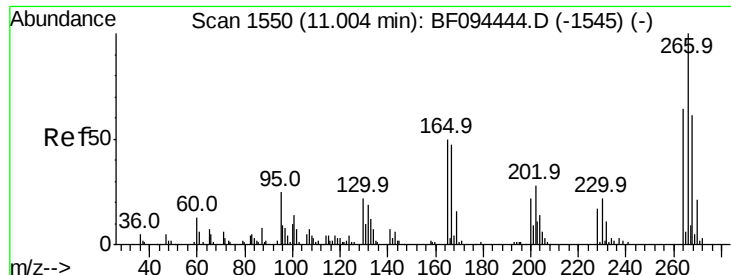


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

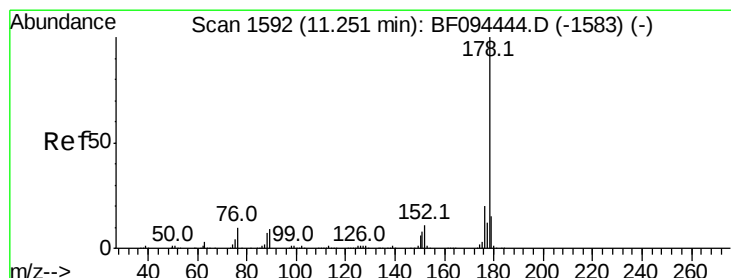
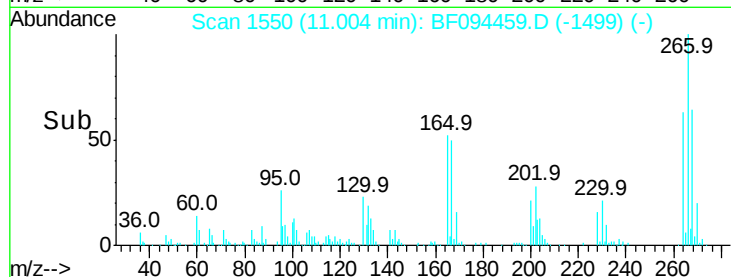
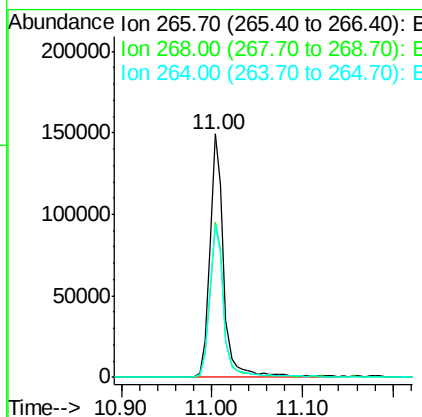
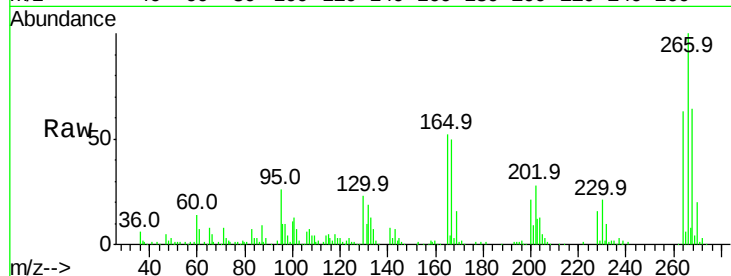




#69
 Pentachlorophenol
 Concen: 80.68 ng
 RT: 11.00 min Scan# 1550
 Delta R.T. -0.00 min
 Lab File: BF094459.D
 Acq: 17 Apr 2017 19:46

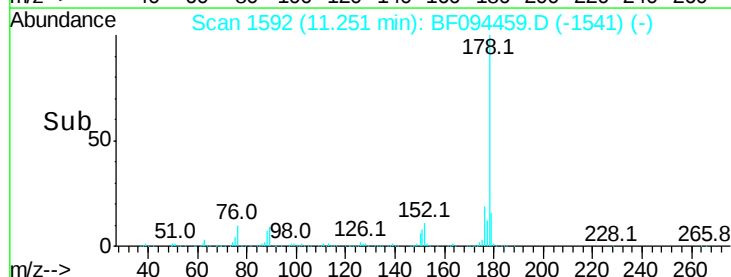
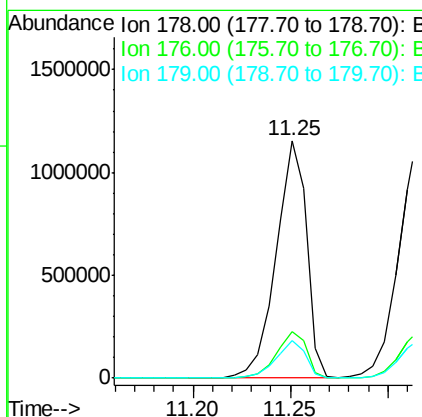
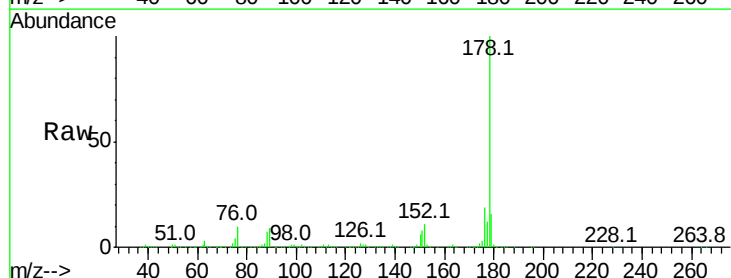
Instrument :
 BNA_F
 ClientSampleId :

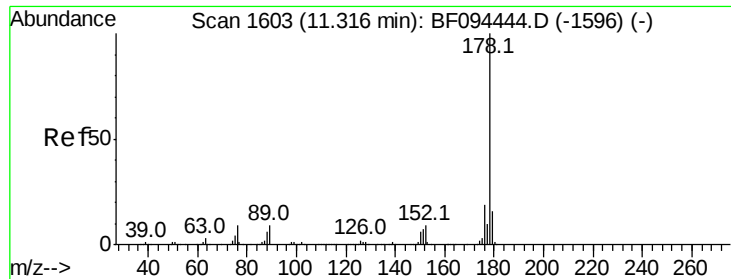
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.1	76.7
264	62.7	51.7	77.5



#70
 Phenanthrene
 Concen: 43.73 ng
 RT: 11.25 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BF094459.D
 Acq: 17 Apr 2017 19:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.8	12.6	19.0

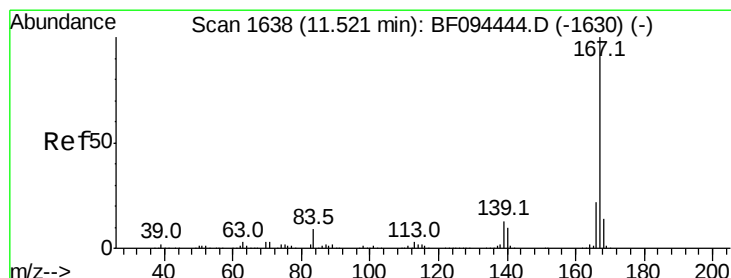
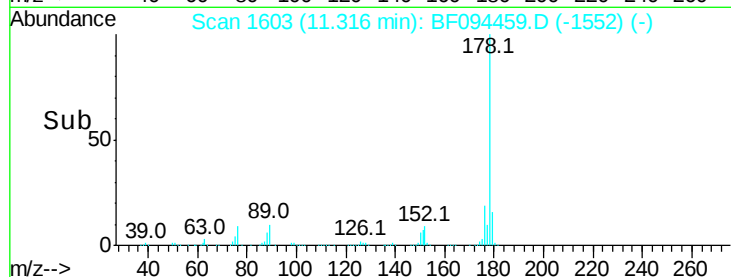
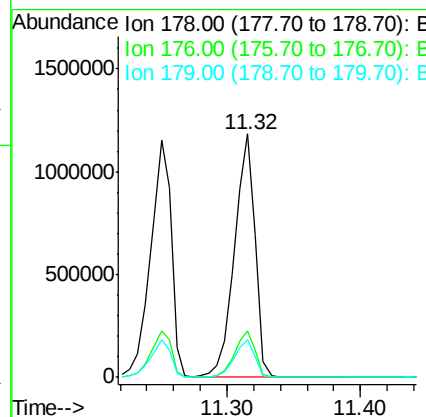
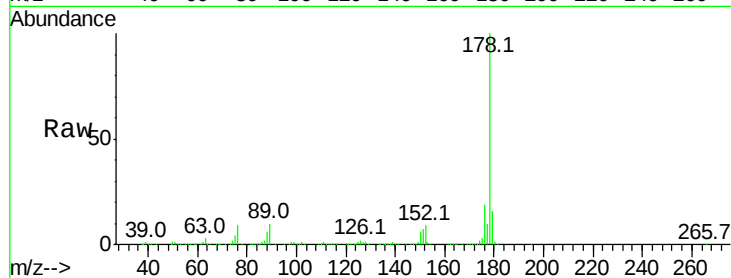




#71
 Anthracene
 Concen: 43.60 ng
 RT: 11.32 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BF094459.D
 Acq: 17 Apr 2017 19:46

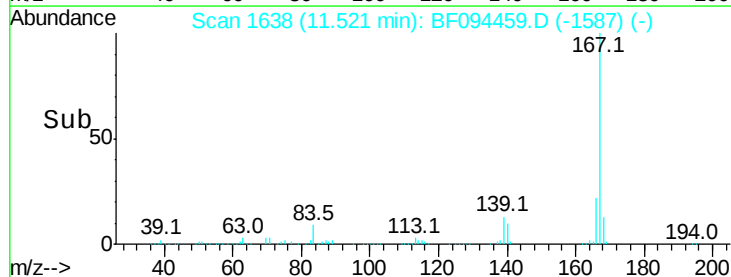
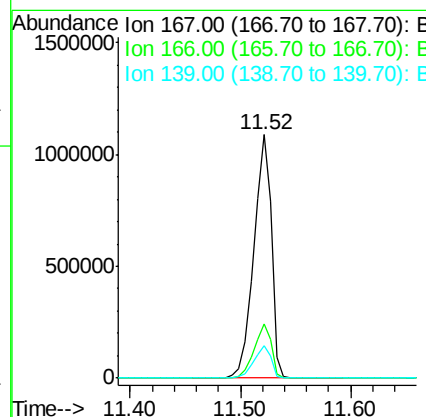
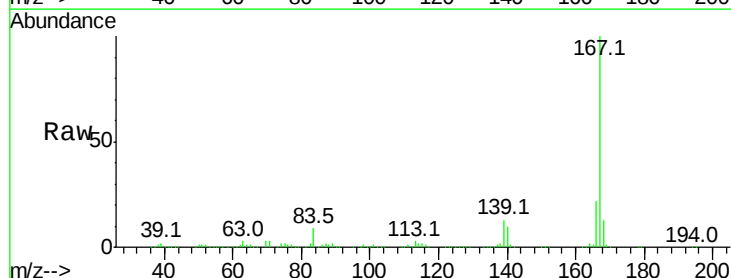
Instrument :
 BNA_F
 ClientSampleId :

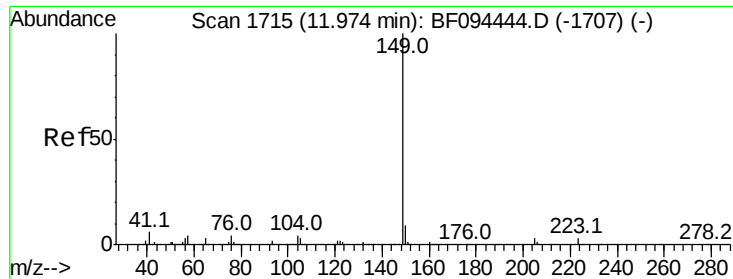
Tot Ion:178 Resp: 1287332
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 43.93 ng
 RT: 11.52 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: BF094459.D
 Acq: 17 Apr 2017 19:46

Tgt Ion:167 Resp: 1217322
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.3 11.7 17.5





#73

Di-n-butylphthalate

Concen: 46.94 ng

RT: 11.97 min Scan# 1715

Delta R.T. -0.00 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

Instrument :

BNA_F

ClientSampleId :

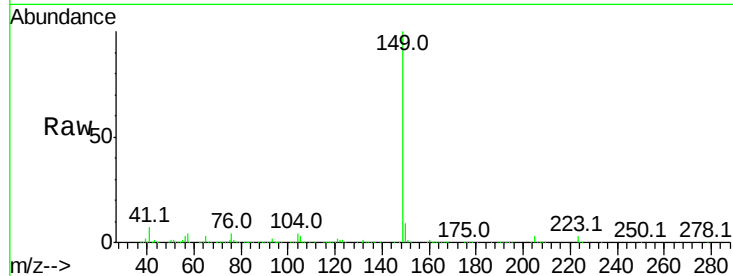
Tot Ion:149 Resp: 1432125

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

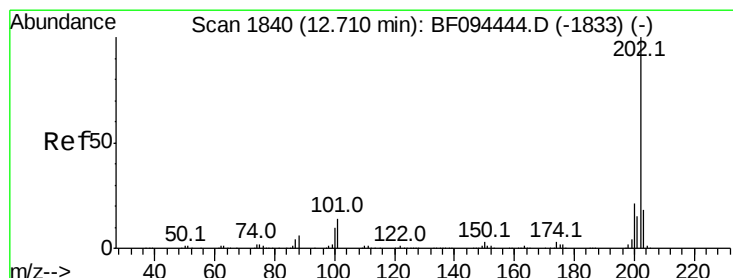
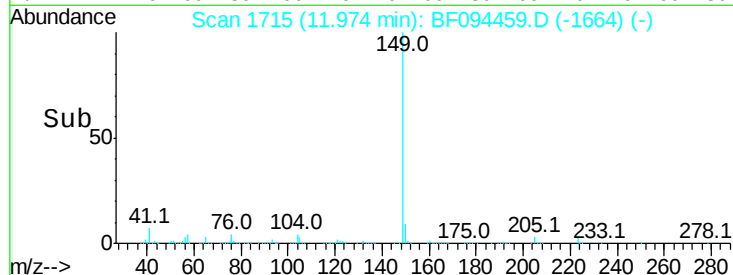
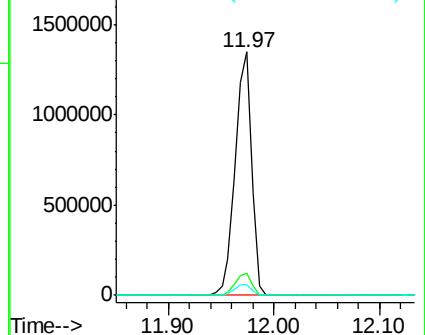
104 4.4 4.0 6.0



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: 42.68 ng

RT: 12.71 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

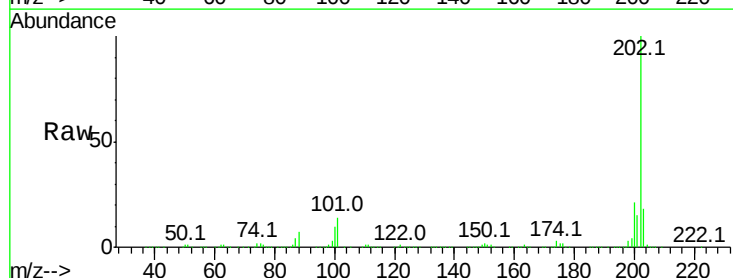
Tgt Ion:202 Resp: 1262502

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.2

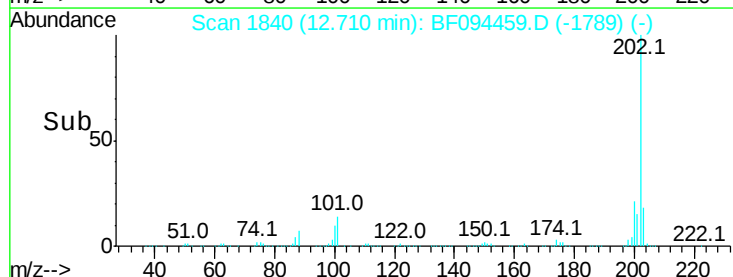
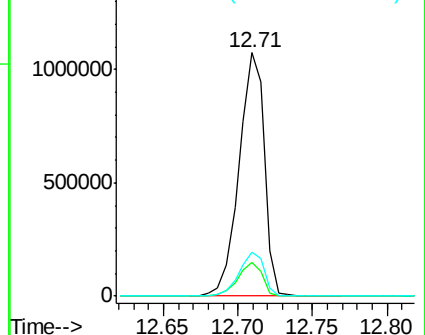
203 17.8 0.0 38.1

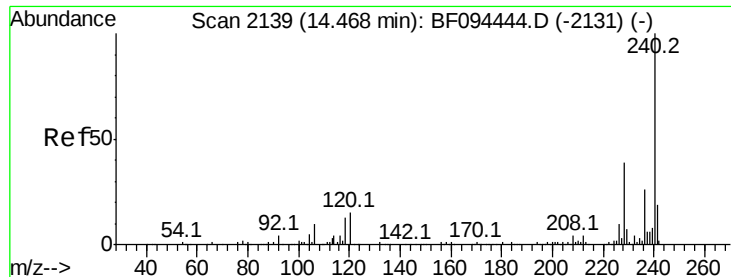


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2139

Delta R.T. -0.00 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

Instrument :

BNA_F

ClientSampled :

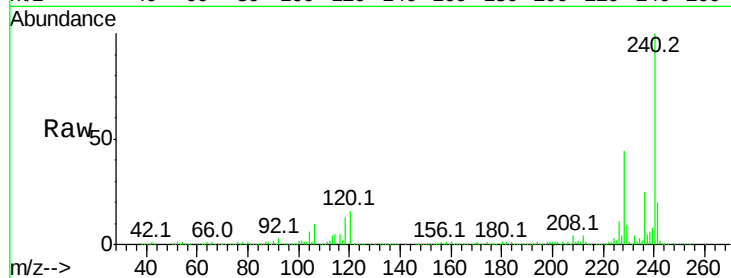
Tot Ion:240 Resp: 386632

Ion Ratio Lower Upper

240 100

120 15.6 5.8 8.8#

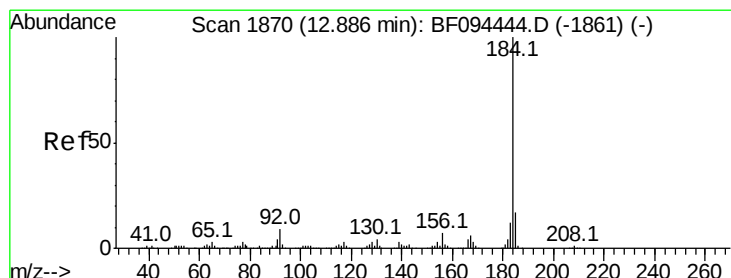
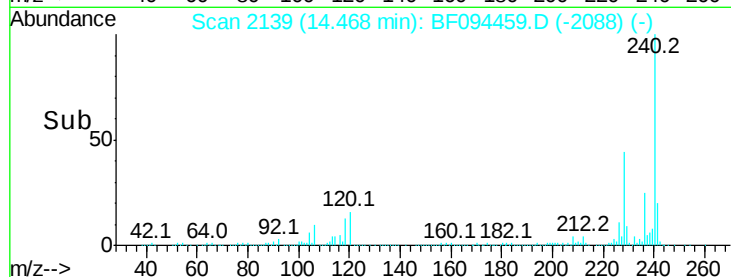
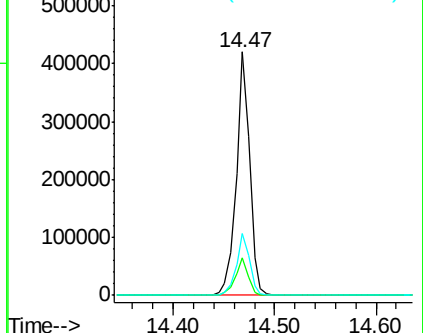
236 25.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 8.10 ng

RT: 12.88 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

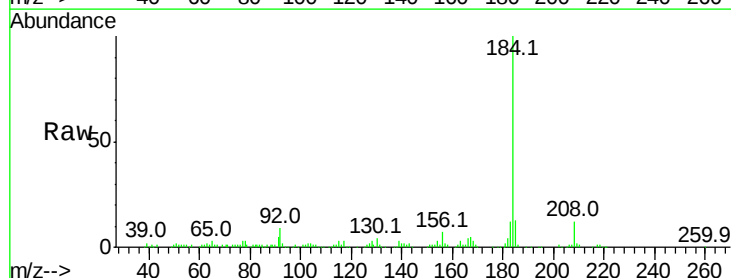
Tgt Ion:184 Resp: 126825

Ion Ratio Lower Upper

184 100

185 13.3 15.5 23.3#

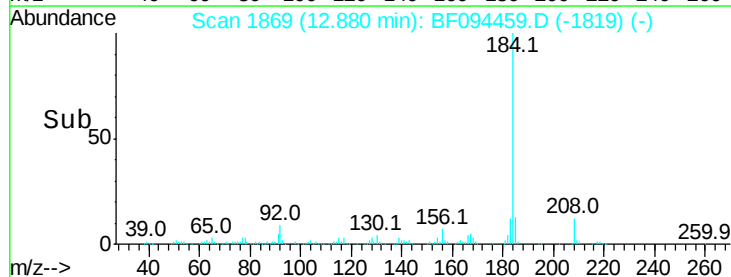
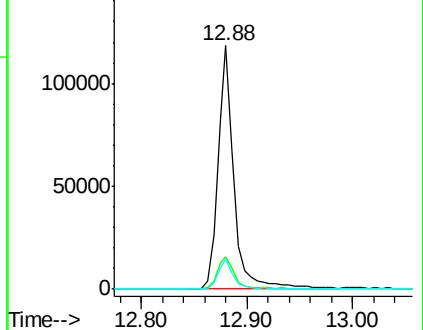
183 12.0 9.8 14.6

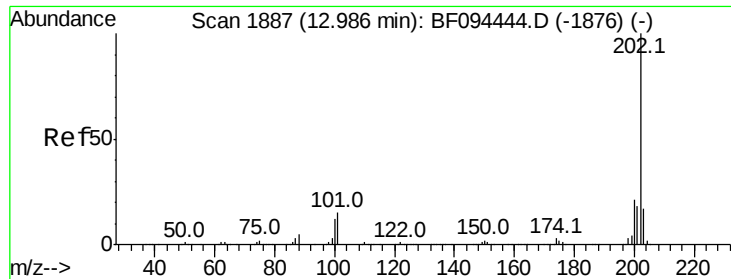


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.66 ng

RT: 12.99 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

Instrument :

BNA_F

ClientSampleId :

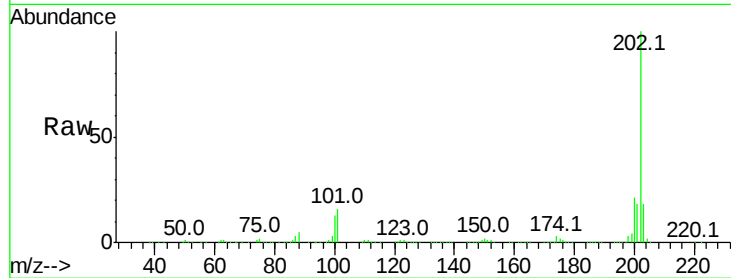
Tot Ion:202 Resp: 1260411

Ion Ratio Lower Upper

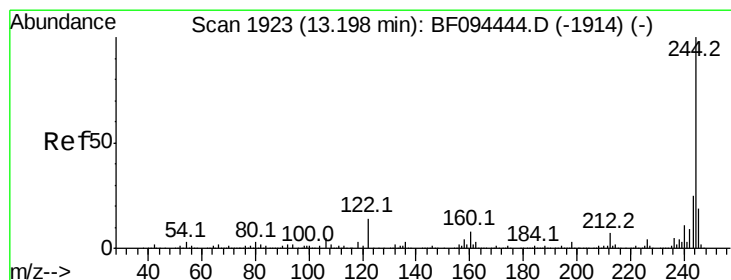
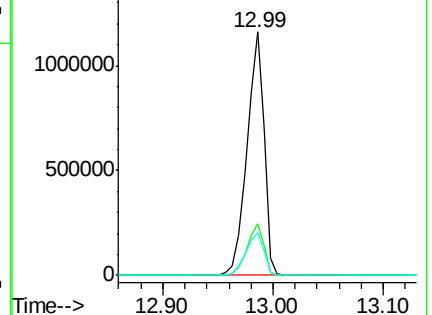
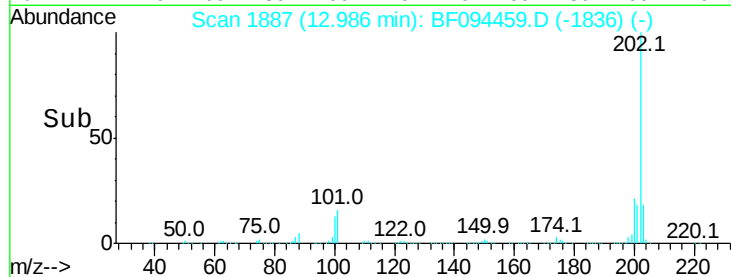
202 100

200 21.4 17.6 26.4

203 17.6 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: 91.48 ng

RT: 13.20 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

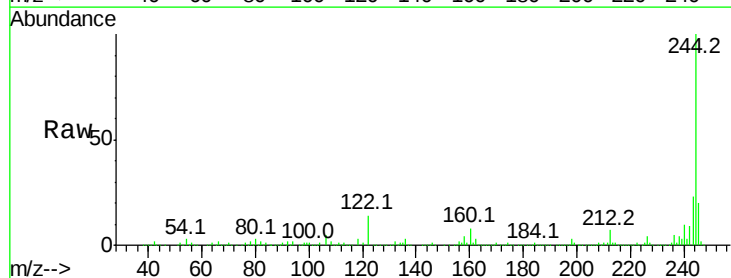
Tgt Ion:244 Resp: 1323251

Ion Ratio Lower Upper

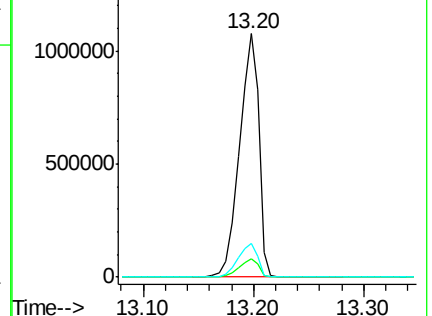
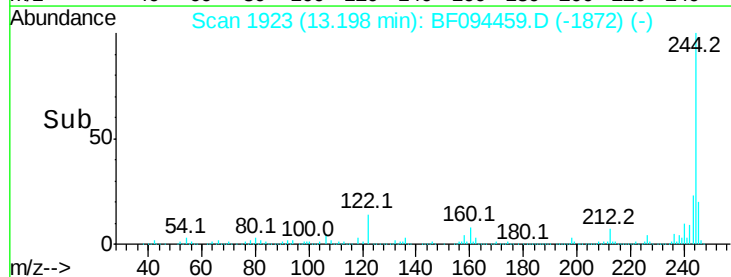
244 100

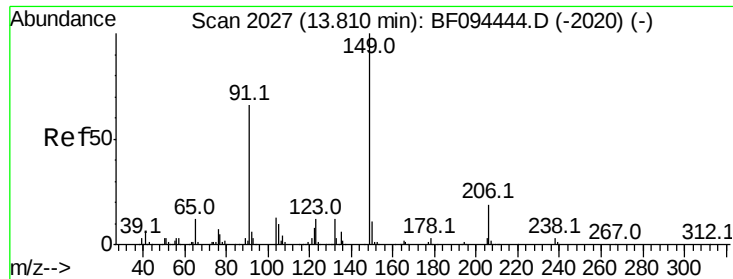
212 7.3 6.0 9.0

122 13.7 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

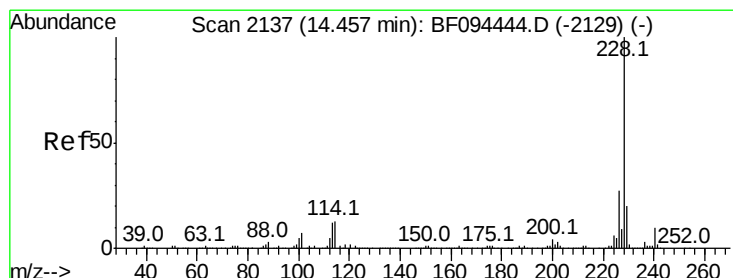
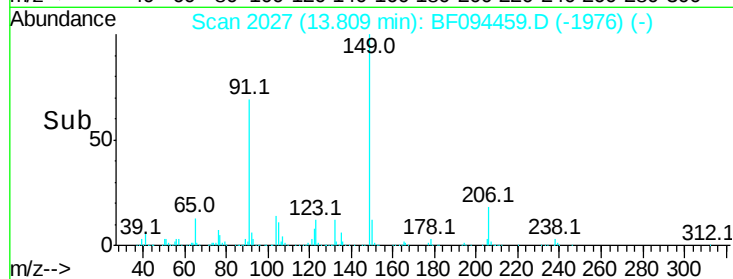
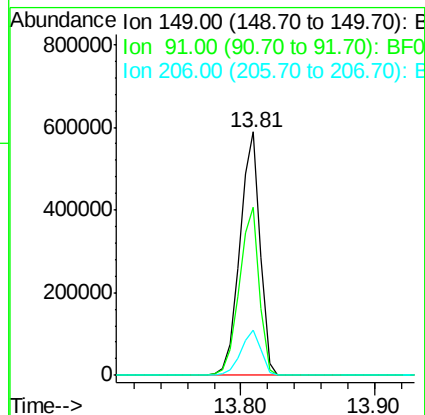
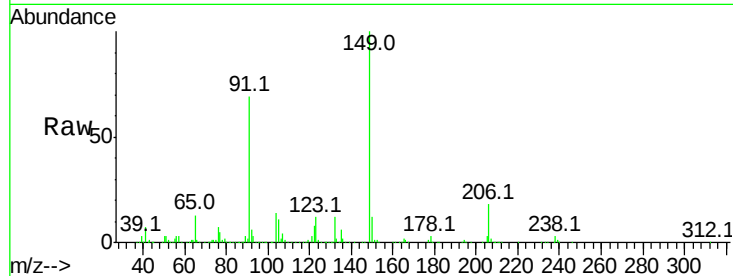




#79
Butylbenzylphthalate
Concen: 52.11 ng
RT: 13.81 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF094459.D
Acq: 17 Apr 2017 19:46

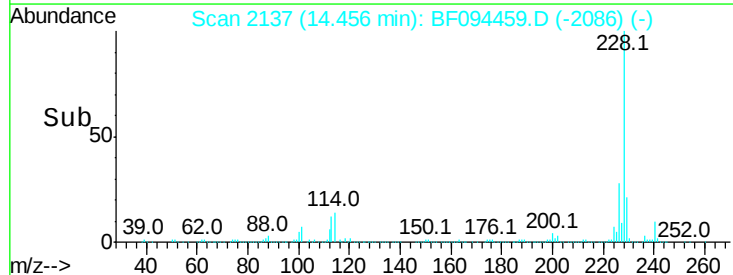
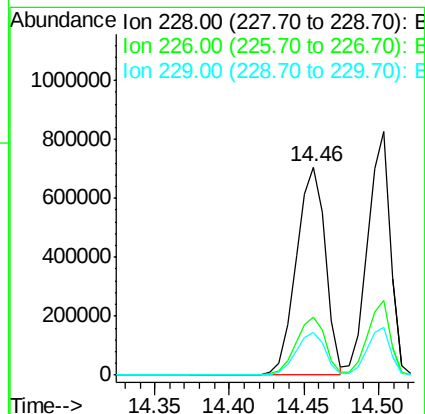
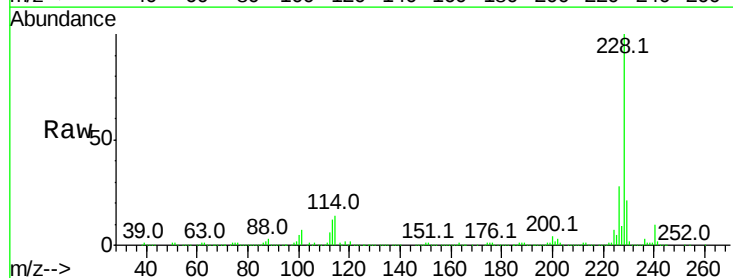
Instrument :
BNA_F
ClientSampleId :

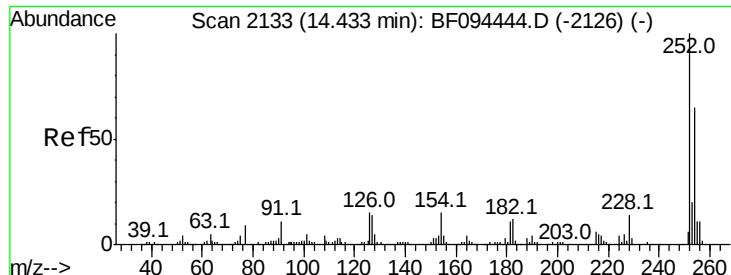
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.0	45.0	67.4#
206	18.4	17.0	25.6



#80
Benzo(a)anthracene
Concen: 42.75 ng
RT: 14.46 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BF094459.D
Acq: 17 Apr 2017 19:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.5	16.3	24.5

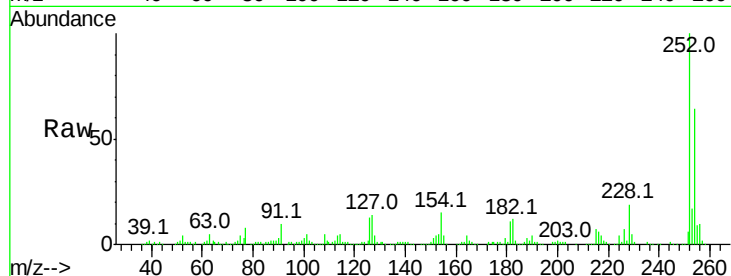




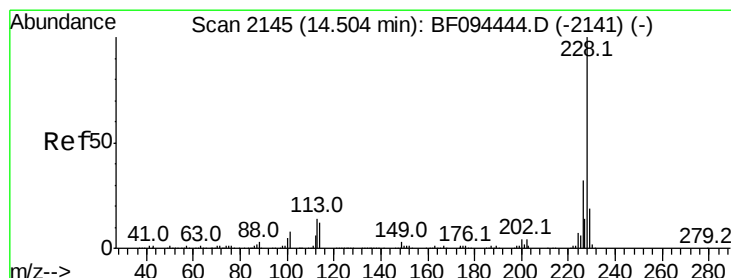
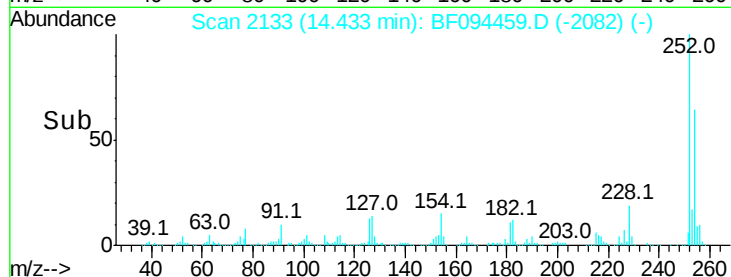
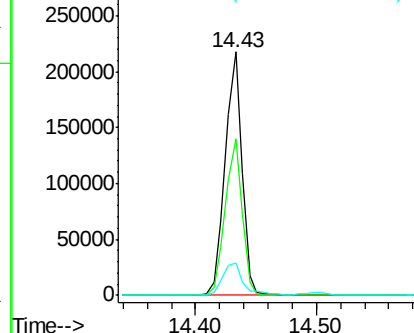
#81
 3,3'-Dichlorobenzidine
 Concen: 26.41 ng
 RT: 14.43 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BF094459.D
 Acq: 17 Apr 2017 19:46

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.5	77.3
126	13.4	15.8	23.8#

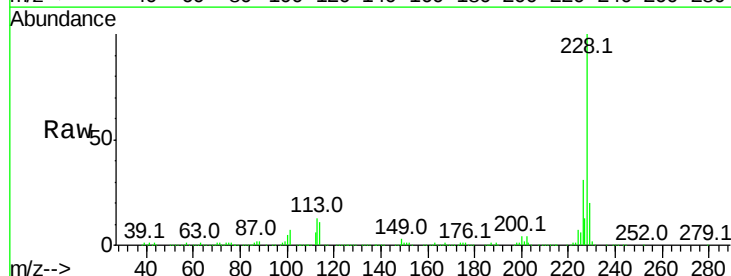


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

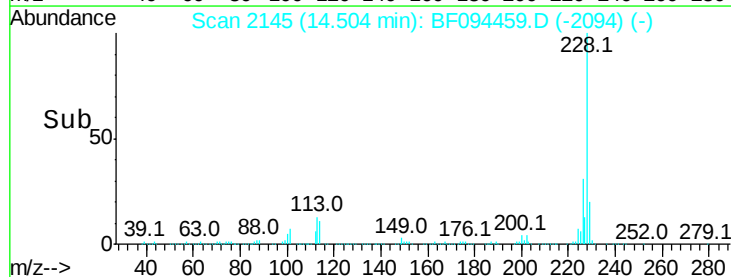
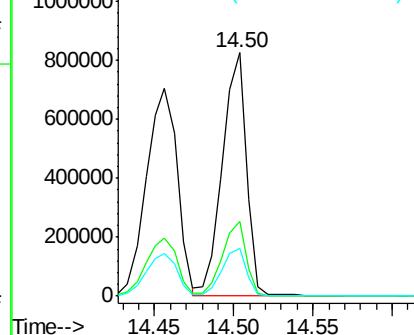


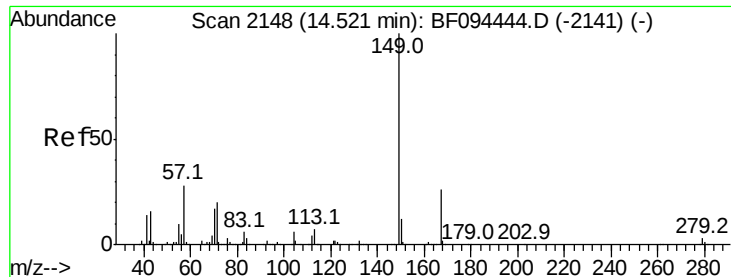
#82
 Chrysene
 Concen: 42.29 ng
 RT: 14.50 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: BF094459.D
 Acq: 17 Apr 2017 19:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	19.8	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: 51.12 ng

RT: 14.52 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

Instrument :

BNA_F

ClientSampleId :

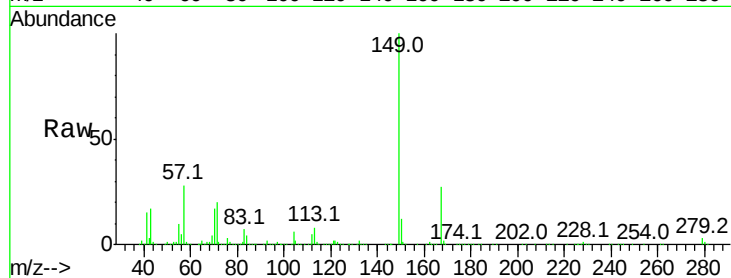
Tot Ion:149 Resp: 812536

Ion Ratio Lower Upper

149 100

167 27.5 21.0 31.4

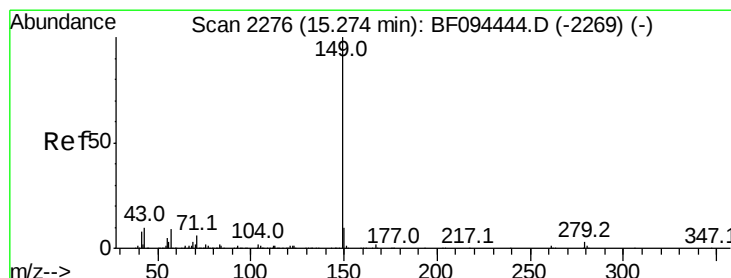
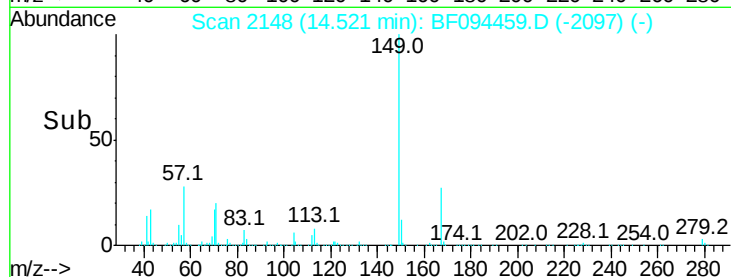
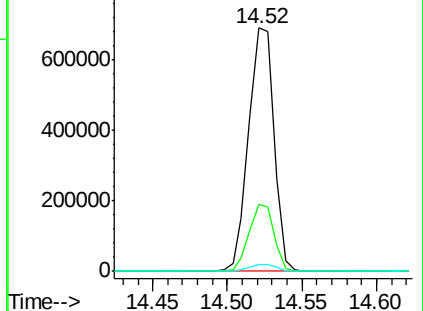
279 3.0 1.9 2.9#



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: 48.12 ng

RT: 15.28 min Scan# 2277

Delta R.T. 0.01 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

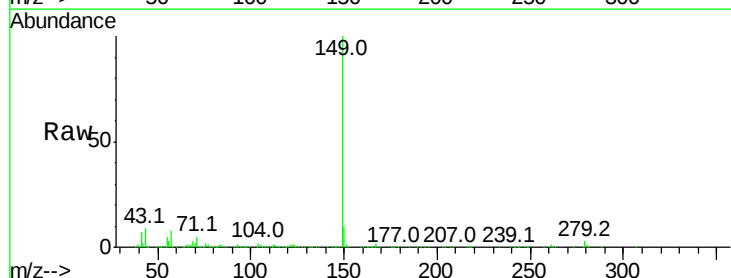
Tgt Ion:149 Resp: 1283068

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

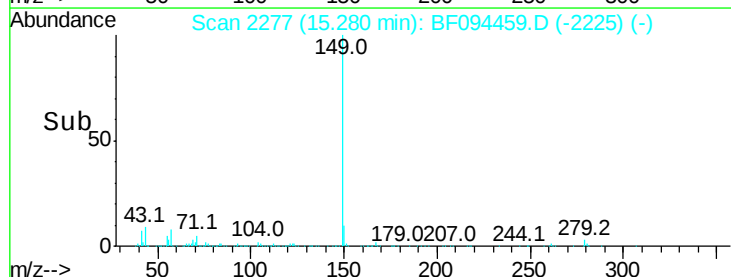
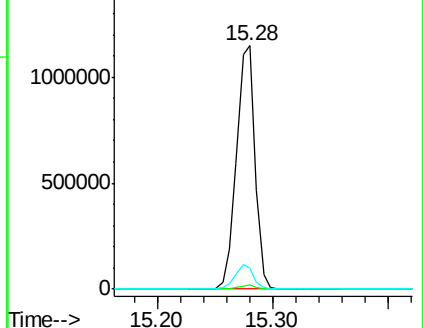
43 9.4 8.5 12.7

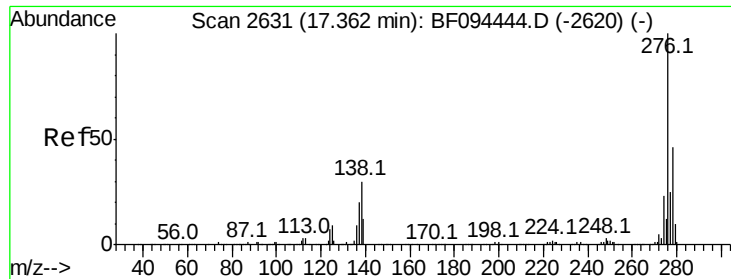


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

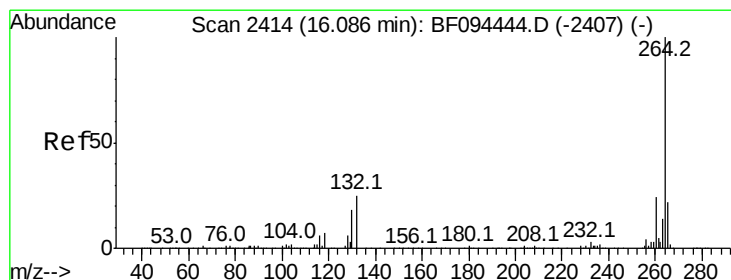
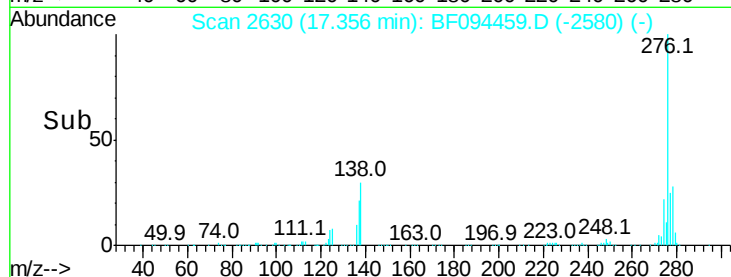
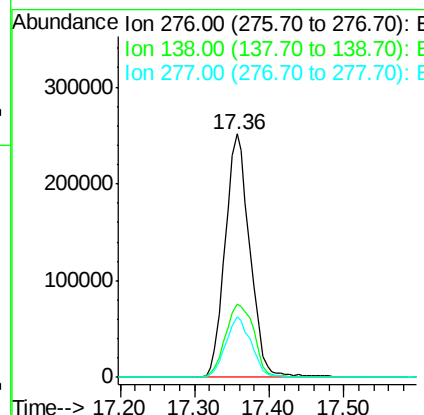
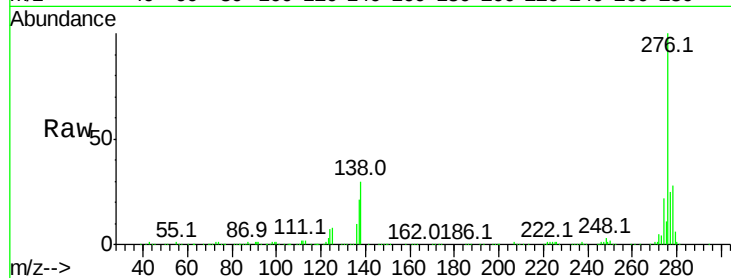




#85
Indeno(1,2,3-cd)pyrene
Concen: 29.73 ng
RT: 17.36 min Scan# 2630
Delta R.T. -0.01 min
Lab File: BF094459.D
Acq: 17 Apr 2017 19:46

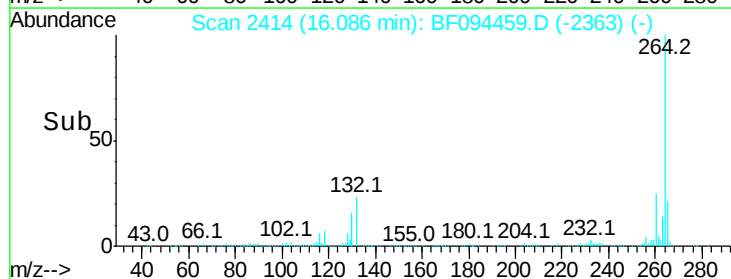
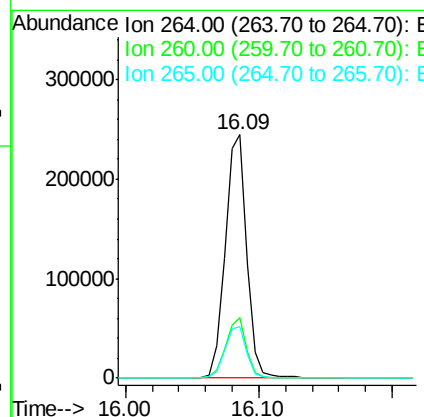
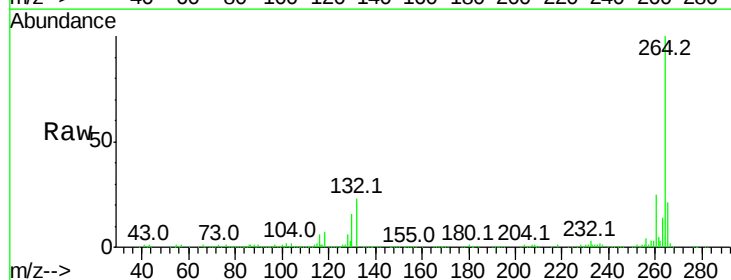
Instrument :
BNA_F
ClientSampleId :

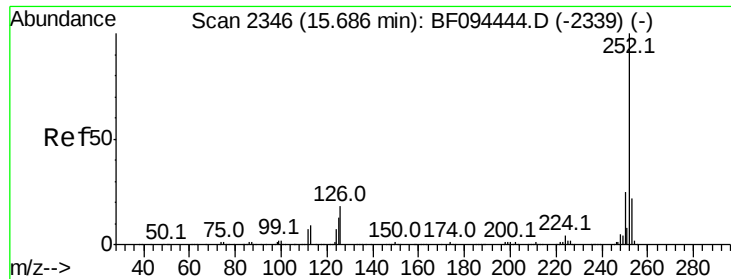
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.7	27.8	41.6
277	25.7	20.2	30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BF094459.D
Acq: 17 Apr 2017 19:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 44.74 ng

RT: 15.69 min Scan# 2346

Delta R.T. -0.00 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

Instrument :

BNA_F

ClientSampleId :

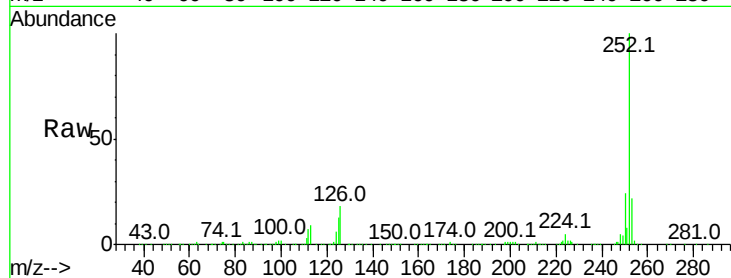
Tot Ion:252 Resp: 761373

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

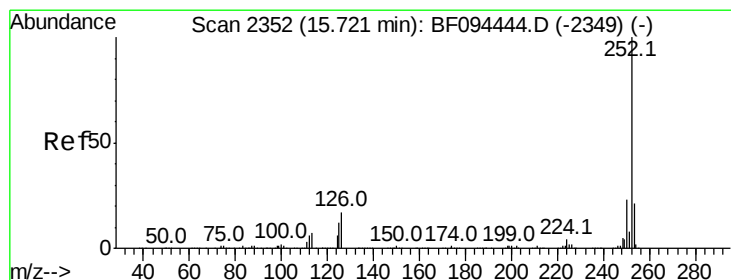
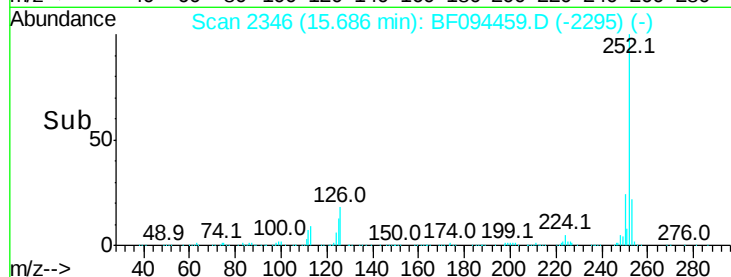
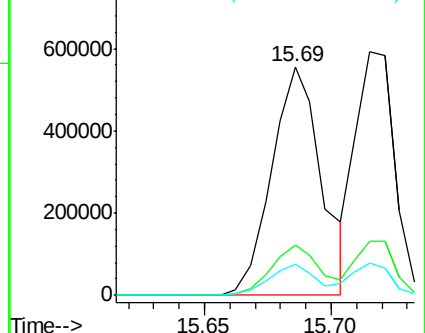
125 13.4 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.07 ng

RT: 15.72 min Scan# 2351

Delta R.T. -0.01 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

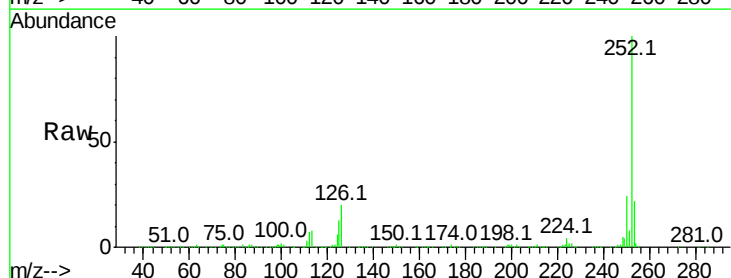
Tgt Ion:252 Resp: 645258

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

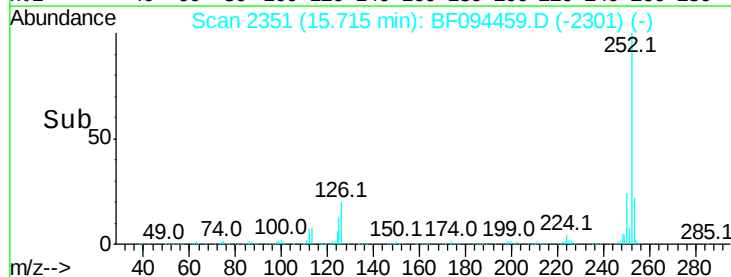
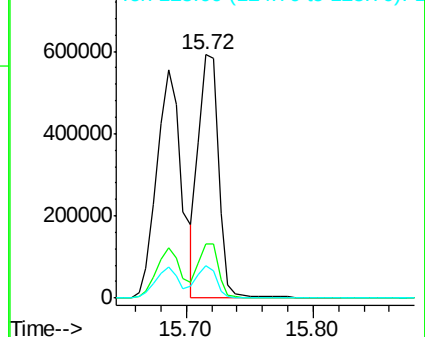
125 13.3 13.1 19.7

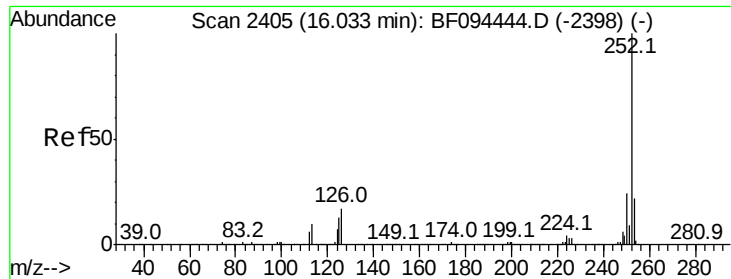


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.42 ng

RT: 16.03 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

Instrument :

BNA_F

ClientSampleId :

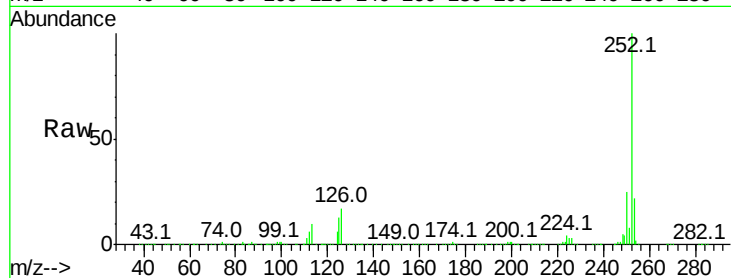
Tot Ion:252 Resp: 608198

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

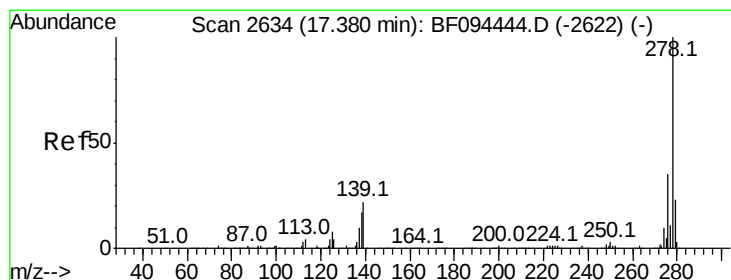
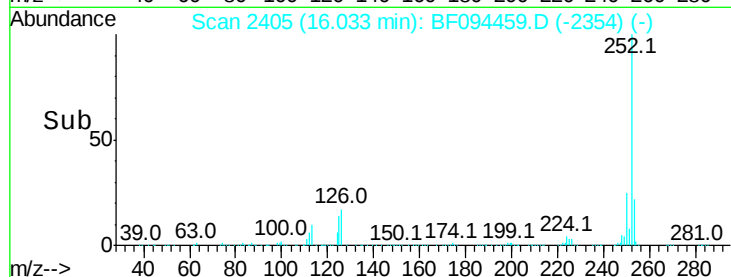
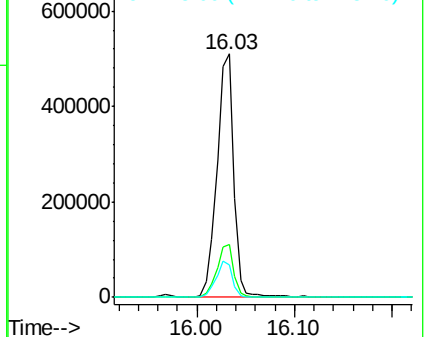
125 13.4 11.0 16.4



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: 38.59 ng

RT: 17.37 min Scan# 2633

Delta R.T. -0.01 min

Lab File: BF094459.D

Acq: 17 Apr 2017 19:46

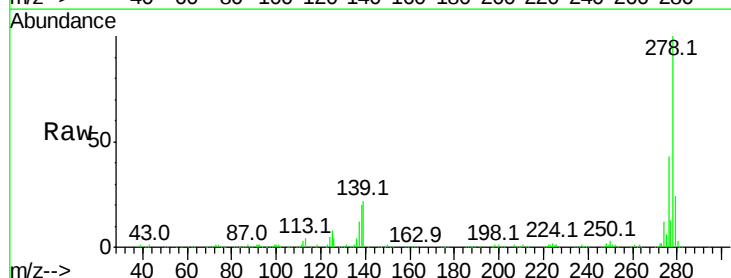
Tgt Ion:278 Resp: 507365

Ion Ratio Lower Upper

278 100

139 22.3 16.6 24.8

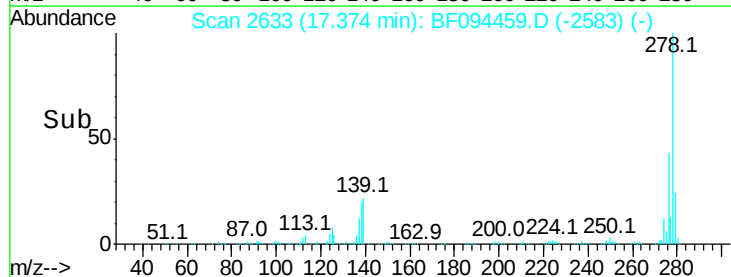
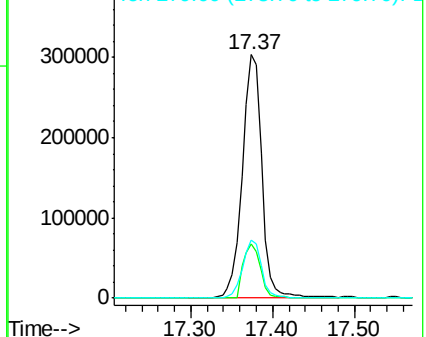
279 23.8 19.3 28.9

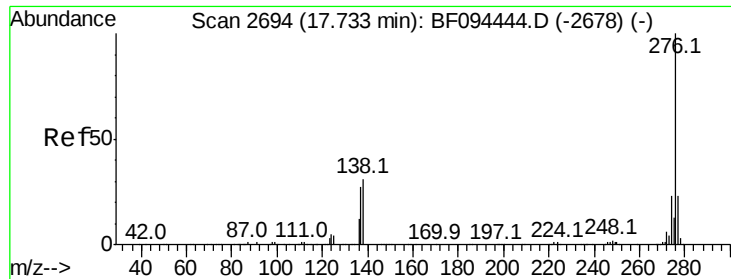


Abundance Ion 278.00 (277.70 to 278.70): E

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: 34.58 ng
 RT: 17.73 min Scan# 2693
 Delta R.T. -0.01 min
 Lab File: BF094459.D
 Acq: 17 Apr 2017 19:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 462888
 Ion Ratio Lower Upper
 276 100
 277 23.4 18.6 28.0
 138 31.8 25.4 38.0

