

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041917\
 Data File : BF094520.D
 Acq On : 19 Apr 2017 17:18
 Operator : SJ/MA
 Sample : I2752-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 03:05:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	127025	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	498668	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	239442	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	404905	20.00	ng	0.00
75) Chrysene-d12	14.47	240	296728	20.00	ng	0.00
86) Perylene-d12	16.09	264	250014	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	1047792	136.85	ng	0.03
7) Phenol-d6	5.41	99	1317811	146.00	ng	0.01
23) Nitrobenzene-d5	6.42	82	837943	103.76	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	263461	140.67	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1391848	85.53	ng	0.00
78) Terphenyl-d14	13.20	244	1242291	111.91	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.13	88	142062	31.90	ng	96
3) Pyridine	2.65	79	340843	35.02	ng	99
4) n-Nitrosodimethylamine	2.60	42	177318	44.03	ng	89
6) Aniline	5.41	93	319046	26.60	ng	# 74
8) 2-Chlorophenol	5.55	128	420096	48.22	ng	96
9) Benzaldehyde	5.27	77	79000	11.51	ng	99
10) Phenol	5.42	94	526810	47.51	ng	91
11) bis(2-Chloroethyl)ether	5.49	93	389327	48.06	ng	97
12) 1,3-Dichlorobenzene	5.71	146	447112	46.32	ng	99
13) 1,4-Dichlorobenzene	5.80	146	440441	45.35	ng	98
14) 1,2-Dichlorobenzene	5.97	146	407179	45.52	ng	97
15) Benzyl Alcohol	5.95	79	327078	48.85	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.11	45	520820	49.04	ng	74
17) 2-Methylphenol	6.10	107	340266	49.59	ng	93
18) Hexachloroethane	6.35	117	154512	46.41	ng	# 85
19) n-Nitroso-di-n-propylamine	6.27	70	295881	49.47	ng	96
20) 3+4-Methylphenols	6.28	107	469775	50.38	ng	# 62
22) Acetophenone	6.25	105	598697	49.38	ng	# 86
24) Nitrobenzene	6.45	77	426811	50.19	ng	94
25) Isophorone	6.74	82	780506	52.14	ng	96
26) 2-Nitrophenol	6.82	139	237843	52.06	ng	95
27) 2,4-Dimethylphenol	6.90	122	380077	51.21	ng	99
28) bis(2-Chloroethoxy)methane	7.00	93	501649	51.80	ng	99
29) 2,4-Dichlorophenol	7.12	162	349031	50.55	ng	97
30) 1,2,4-Trichlorobenzene	7.21	180	334276	46.83	ng	99
31) Naphthalene	7.30	128	1166588	48.66	ng	99
32) Benzoic acid	7.05	122	104018	26.50	ng	94
33) 4-Chloroaniline	7.37	127	93788	9.40	ng	# 92
34) Hexachlorobutadiene	7.45	225	174672	49.08	ng	98
35) Caprolactam	7.84	113	67571	31.15	ng	90
36) 4-Chloro-3-methylphenol	8.00	107	388269	53.66	ng	89
37) 2-Methylnaphthalene	8.14	142	815752	49.74	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	312473	45.83	ng	98
40) Hexachlorocyclopentadiene	8.33	237	253074	91.75	ng	99

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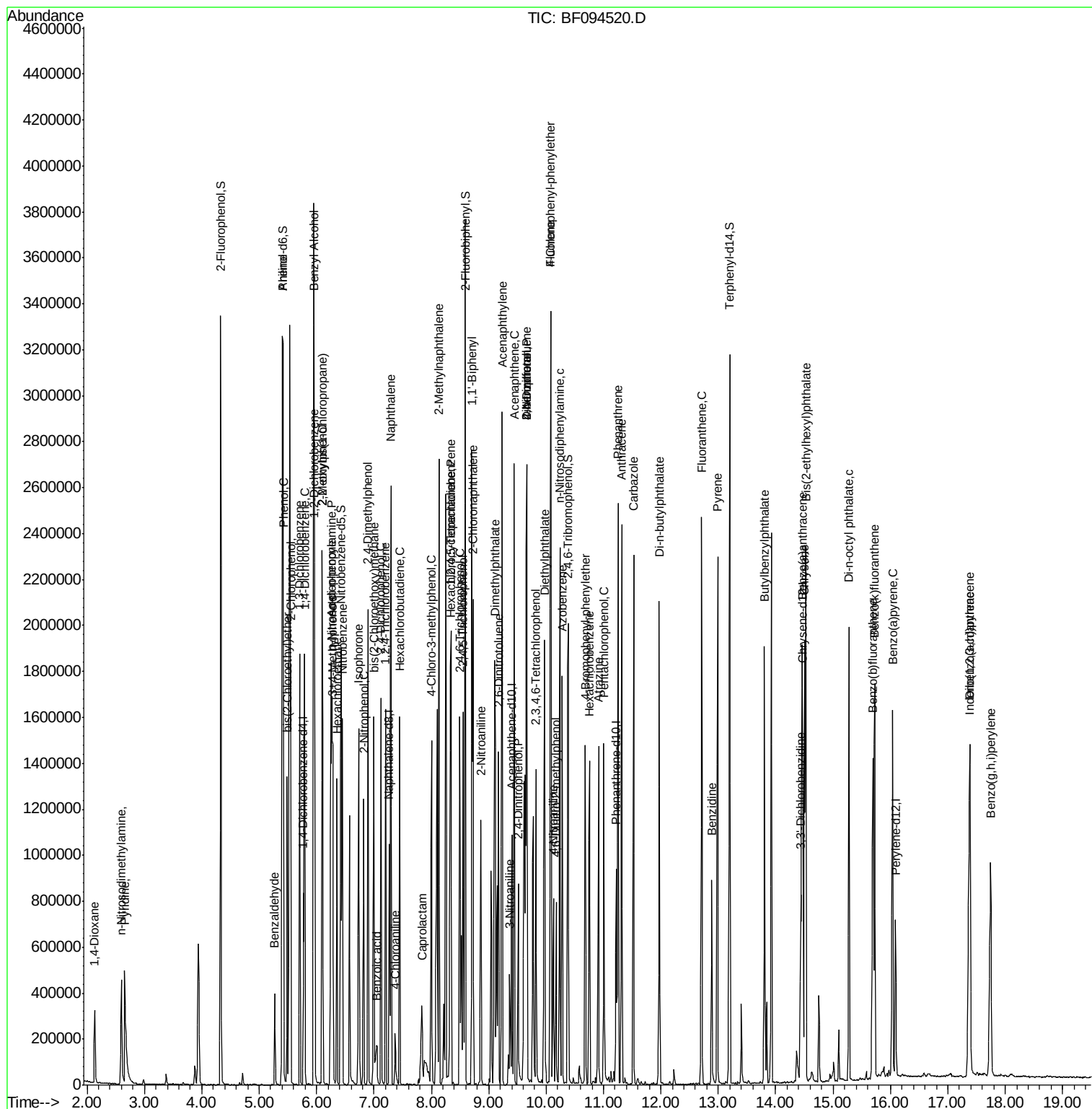
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	233085	48.68	nq	96
43) 2,4,5-Trichlorophenol	8.55	196	246059	50.04	nq	94
45) 1,1'-Biphenyl	8.71	154	850691	43.48	nq	98
46) 2-Chloronaphthalene	8.72	162	704905	45.32	nq	94
47) 2-Nitroaniline	8.87	65	226973	50.72	nq	# 81
48) Acenaphthylene	9.23	152	1144000	47.18	nq	98
49) Dimethylphthalate	9.11	163	1211106	67.87	nq	99
50) 2,6-Dinitrotoluene	9.17	165	207812	51.88	nq	95
51) Acenaphthene	9.44	154	680442	46.85	nq	99
52) 3-Nitroaniline	9.37	138	94235	20.34	nq	85
53) 2,4-Dinitrophenol	9.51	184	144304	67.38	nq	# 68
54) Dibenzofuran	9.66	168	935834	44.33	nq	100
55) 4-Nitrophenol	9.66	139	644790	196.96	nq	# 30
56) 2,4-Dinitrotoluene	9.67	165	243519	49.55	nq	# 82
57) Fluorene	10.08	166	721107	43.87	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.82	232	172721	49.01	nq	96
59) Diethylphthalate	9.97	149	805826	47.86	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	317539	46.42	nq	93
61) 4-Nitroaniline	10.13	138	192007	40.76	nq	98
62) Azobenzene	10.28	77	757996	46.37	nq	96
64) 4,6-Dinitro-2-methylphenol	10.17	198	122482	46.17	nq	# 69
65) n-Nitrosodiphenylamine	10.24	169	684798	48.63	nq	96
66) 4-Bromophenyl-phenylether	10.68	248	196233	48.81	nq	97
67) Hexachlorobenzene	10.75	284	193890	47.85	nq	# 85
68) Atrazine	10.91	200	205018	48.67	nq	97
69) Pentachlorophenol	11.01	266	182489	113.43	nq	99
70) Phenanthrene	11.25	178	1087208	47.68	nq	98
71) Anthracene	11.32	178	1124869	47.69	nq	99
72) Carbazole	11.52	167	1077618	48.68	nq	98
73) Di-n-butylphthalate	11.97	149	1281030	52.56	nq	99
74) Fluoranthene	12.71	202	1152247	48.76	nq	99
76) Benzidine	12.88	184	375893	31.29	nq	# 93
77) Pyrene	12.99	202	1129012	54.46	nq	99
79) Butylbenzylphthalate	13.81	149	539503	59.38	nq	# 85
80) Benzo(a)anthracene	14.46	228	862437	50.01	nq	99
81) 3,3'-Dichlorobenzidine	14.43	252	172381	28.23	nq	97
82) Chrysene	14.50	228	787157	49.94	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	746704	61.21	nq	# 99
84) Di-n-octyl phthalate	15.28	149	1133273	55.38	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	797074	53.15	nq	99
87) Benzo(b)fluoranthene	15.69	252	763504	49.92	nq	98
88) Benzo(k)fluoranthene	15.72	252	674453	46.60	nq	# 95
89) Benzo(a)pyrene	16.04	252	699293	49.15	nq	99
90) Dibenzo(a,h)anthracene	17.39	278	647772	54.83	nq	99
91) Benzo(g,h,i)perylene	17.75	276	692747	57.59	nq	97

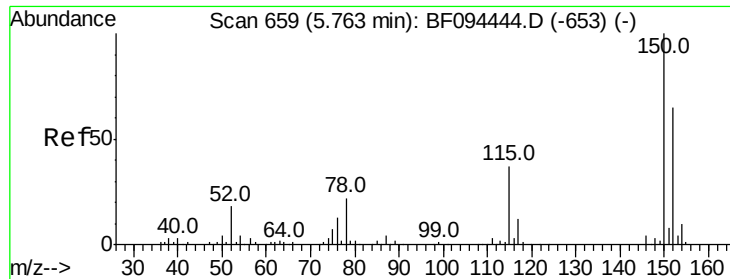
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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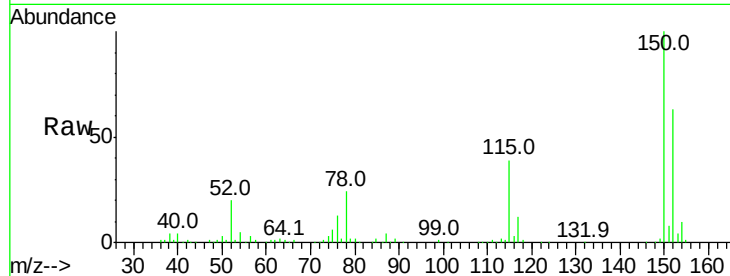


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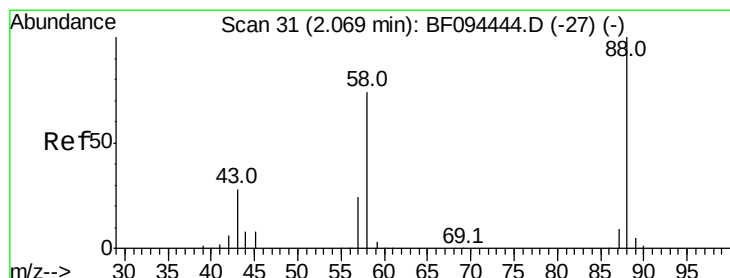
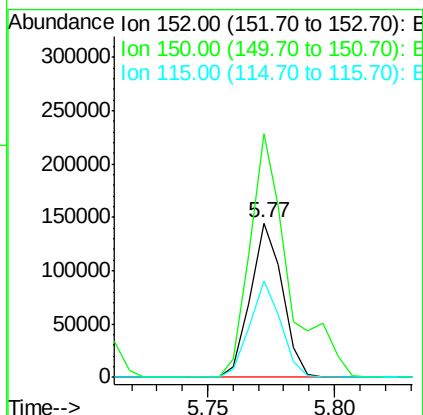
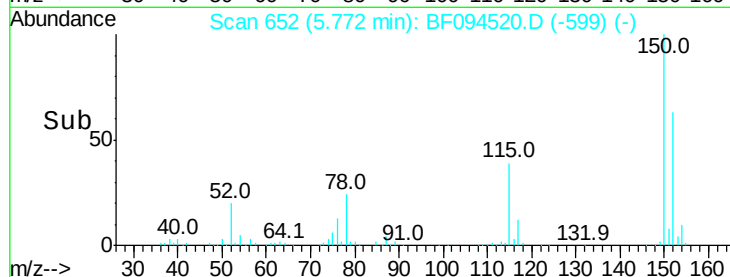
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094520.D
Acq: 19 Apr 2017 17:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 127025
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.2
115 62.0 52.2 78.2



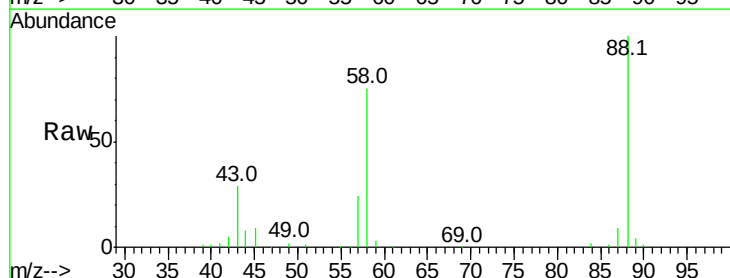
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



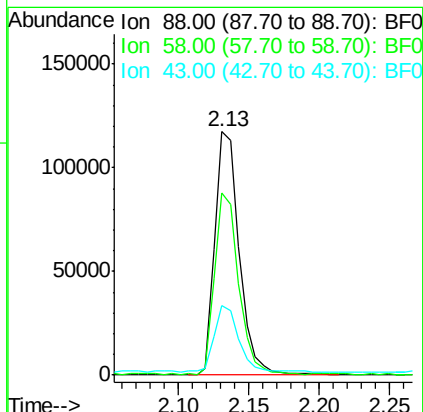
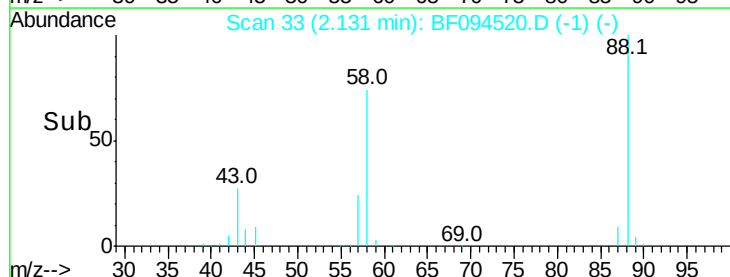
#2

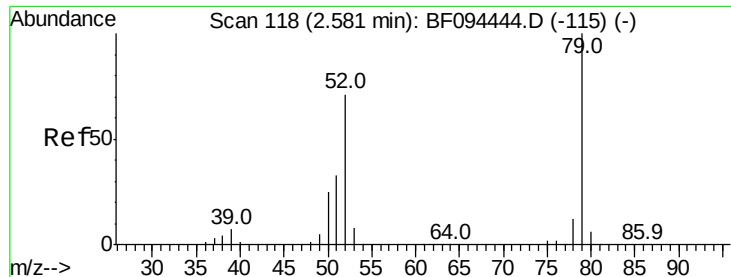
1,4-Dioxane
Concen: 31.90 ng
RT: 2.13 min Scan# 33
Delta R.T. 0.06 min
Lab File: BF094520.D
Acq: 19 Apr 2017 17:18

Tgt Ion: 88 Resp: 142062
Ion Ratio Lower Upper
88 100
58 72.7 61.4 92.0
43 27.1 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.02 ng

RT: 2.65 min Scan# 122

Delta R.T. 0.07 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

Instrument :

BNA_F

ClientSampleId :

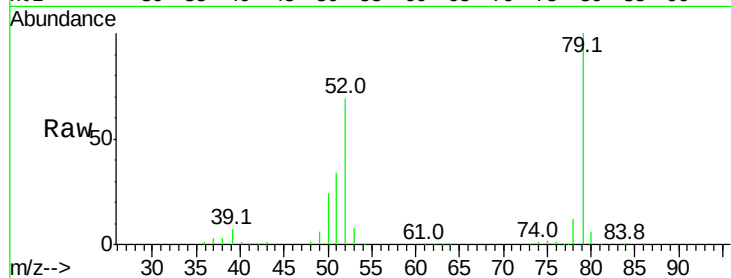
Tot Ion: 79 Resp: 340843

Ion Ratio Lower Upper

79 100

52 69.2 54.8 82.2

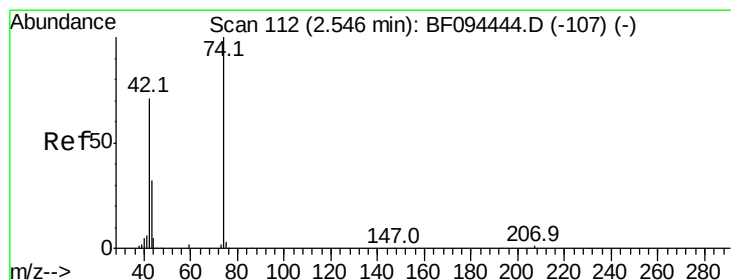
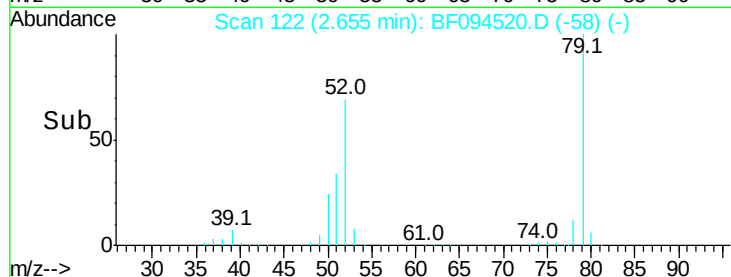
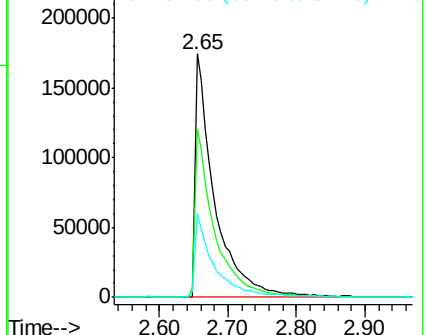
51 34.4 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 44.03 ng

RT: 2.60 min Scan# 113

Delta R.T. 0.06 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

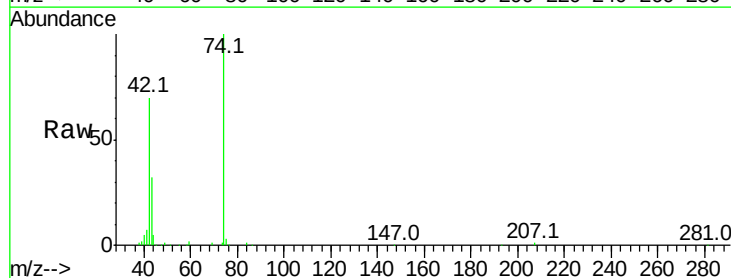
Tgt Ion: 42 Resp: 177318

Ion Ratio Lower Upper

42 100

74 143.3 103.9 155.9

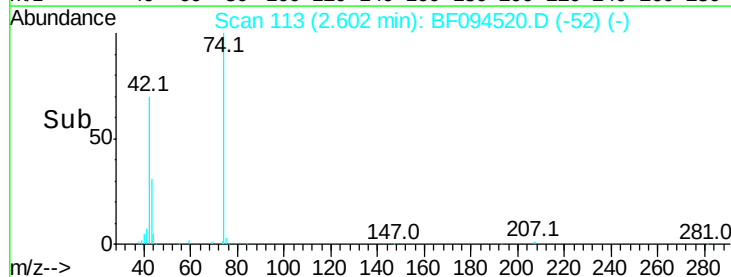
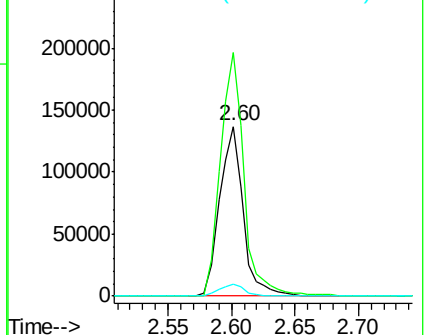
44 7.1 5.7 8.5

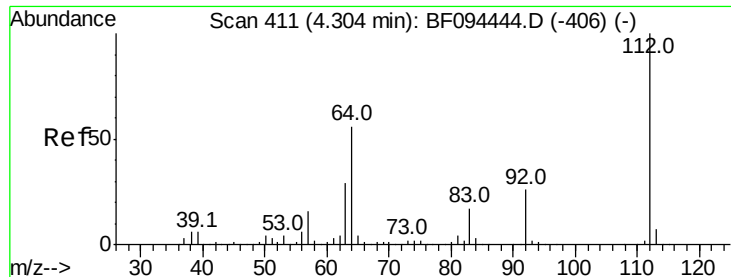


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

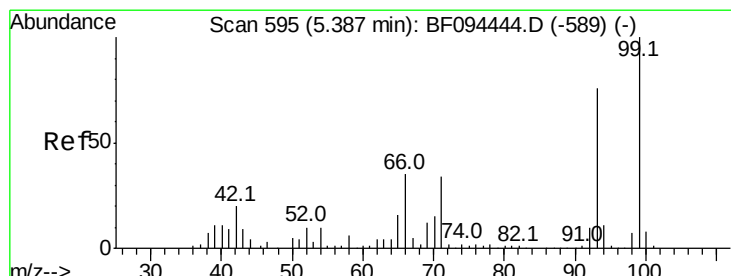
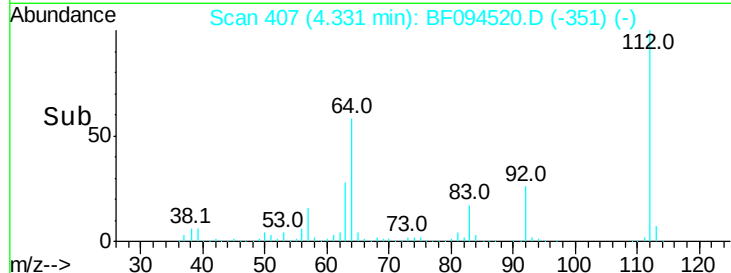
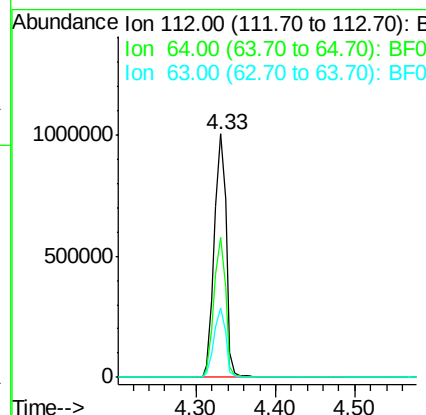
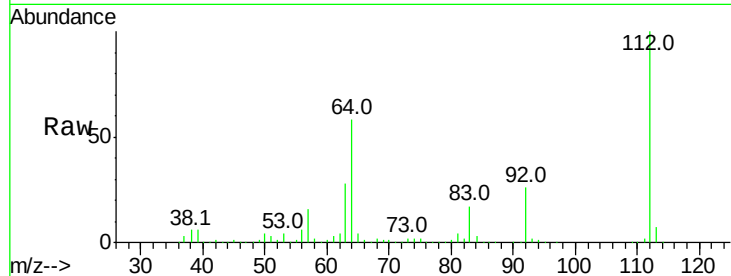




#5
 2-Fluorophenol
 Concen: 136.85 ng
 RT: 4.33 min Scan# 407
 Delta R.T. 0.03 min
 Lab File: BF094520.D
 Acq: 19 Apr 2017 17:18

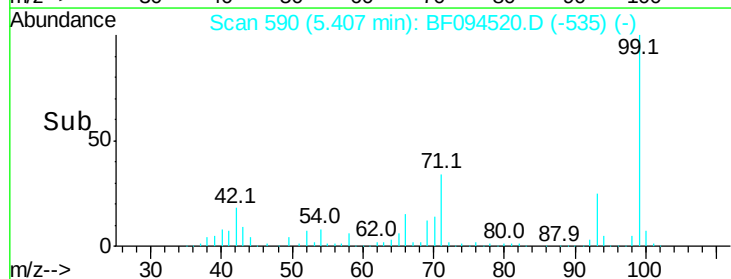
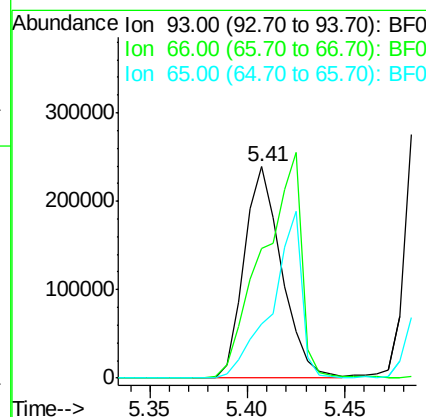
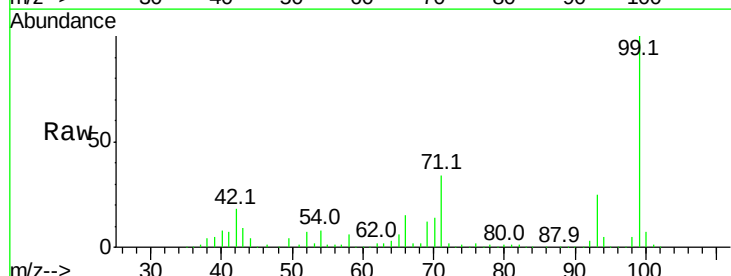
Instrument :
 BNA_F
 ClientSampleId :

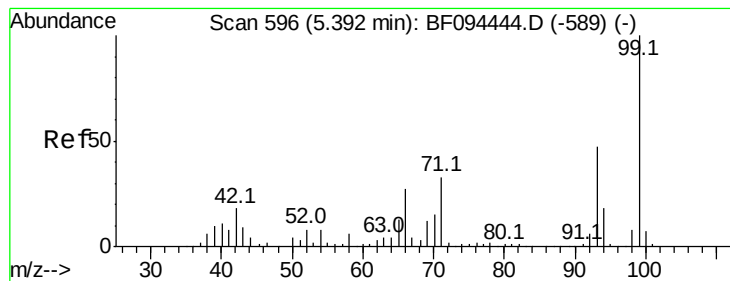
Tot Ion:112 Resp: 1047792
 Ion Ratio Lower Upper
 112 100
 64 57.6 46.0 69.0
 63 28.5 23.4 35.0



#6
 Aniline
 Concen: 26.60 ng
 RT: 5.41 min Scan# 590
 Delta R.T. 0.02 min
 Lab File: BF094520.D
 Acq: 19 Apr 2017 17:18

Tgt Ion: 93 Resp: 319046
 Ion Ratio Lower Upper
 93 100
 66 61.1 32.9 49.3#
 65 25.8 16.0 24.0#





#7

Phenol-d6

Concen: 146.00 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

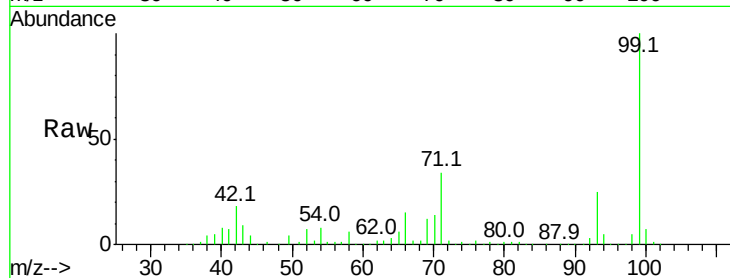
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1317811

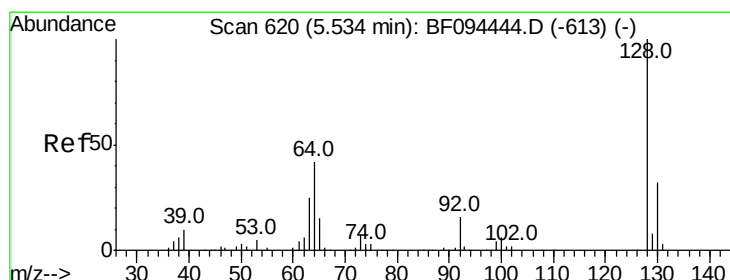
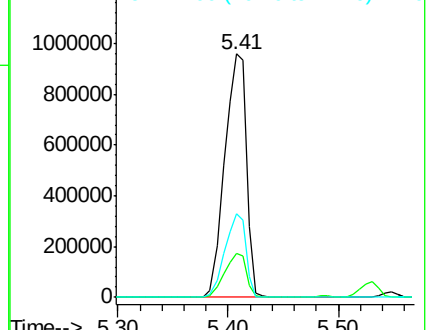
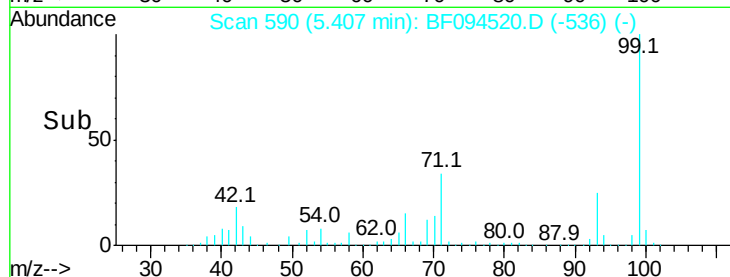
Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.5	20.3
71	34.1	24.5	36.7



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: 48.22 ng

RT: 5.55 min Scan# 614

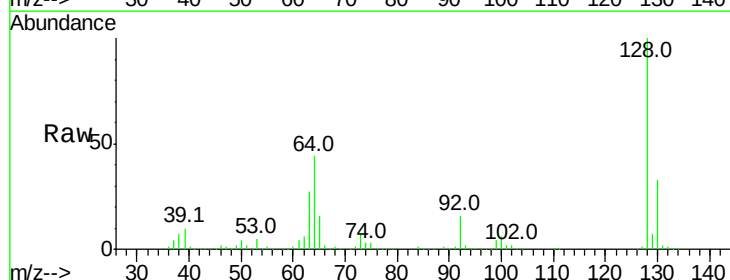
Delta R.T. 0.01 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

Tgt Ion: 128 Resp: 420096

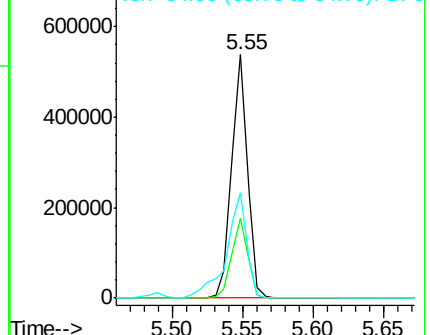
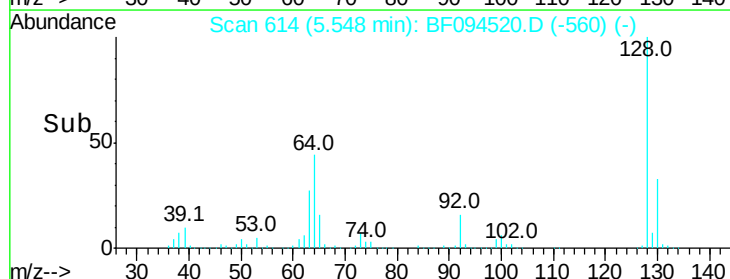
Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.9	52.9
64	43.5	28.4	68.4

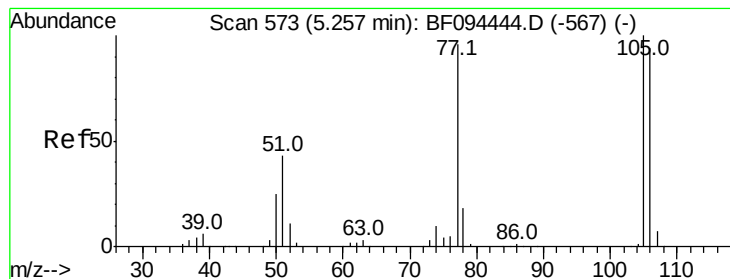


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.51 ng

RT: 5.27 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

Instrument :

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ClientSampled :

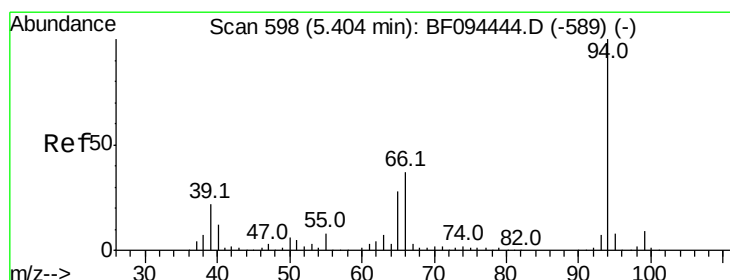
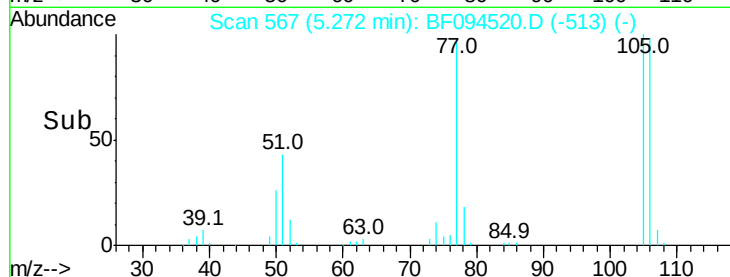
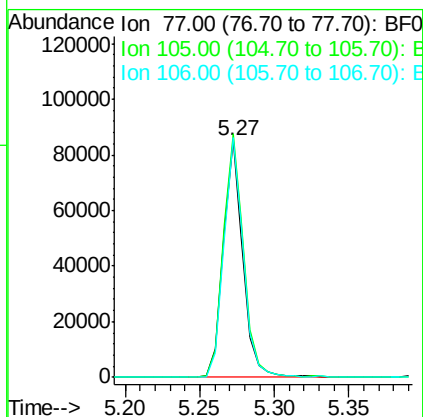
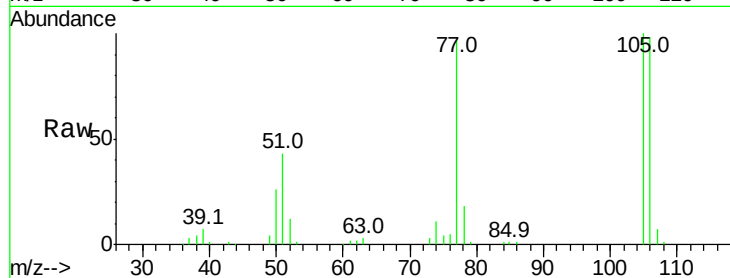
Tot Ion: 77 Resp: 79000

Ion Ratio Lower Upper

77 100

105 102.8 83.8 123.8

106 101.1 79.1 119.1



#10

Phenol

Concen: 47.51 ng

RT: 5.42 min Scan# 593

Delta R.T. 0.02 min

Lab File: BF094520.D

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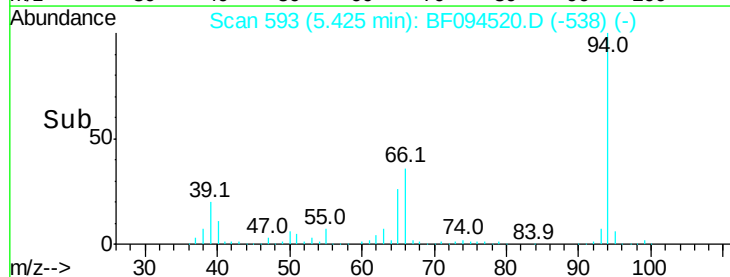
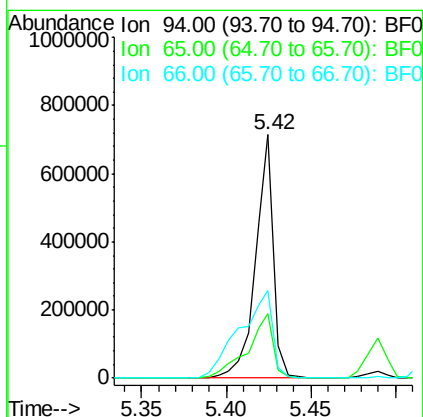
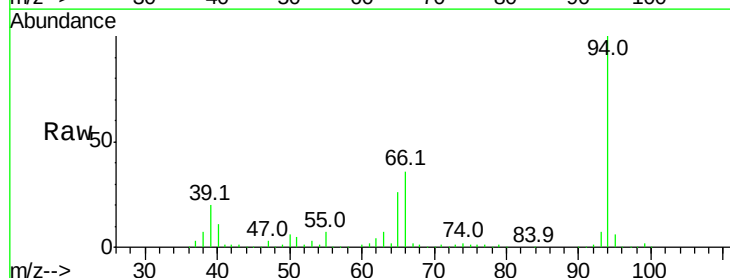
Tgt Ion: 94 Resp: 526810

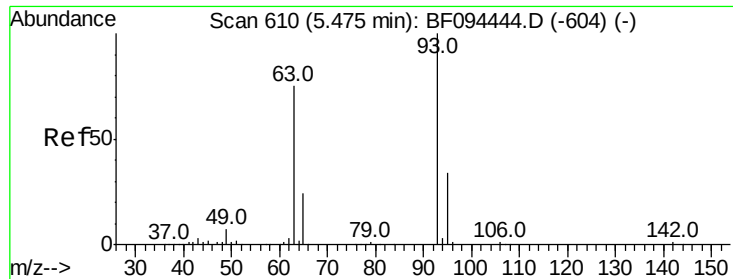
Ion Ratio Lower Upper

94 100

65 26.4 9.9 49.9

66 35.8 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 48.06 ng

RT: 5.49 min Scan# 604

Delta R.T. 0.01 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

Instrument :

BNA_F

ClientSampleId :

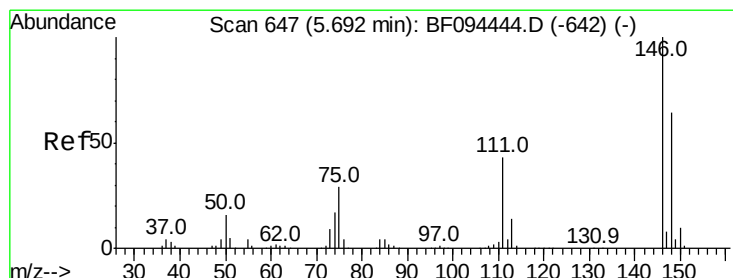
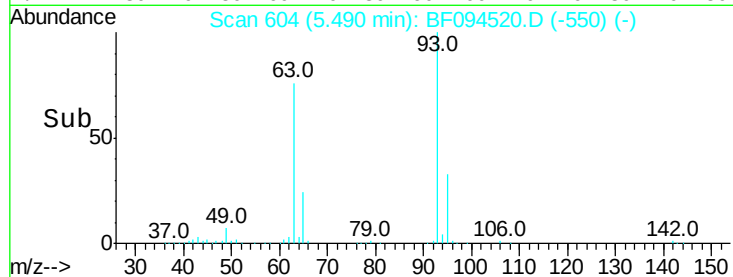
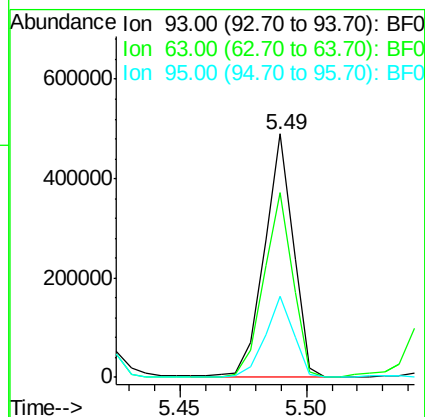
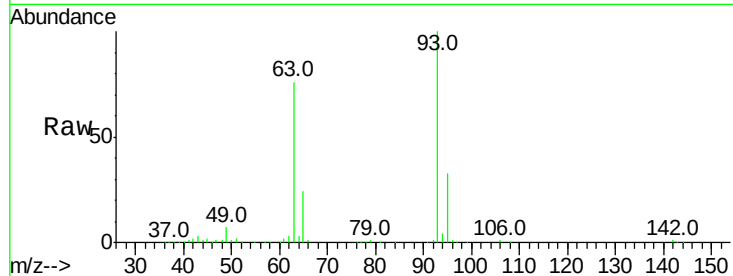
Tot Ion: 93 Resp: 389327

Ion Ratio Lower Upper

93 100

63 75.9 59.2 99.2

95 33.4 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 46.32 ng

RT: 5.71 min Scan# 641

Delta R.T. 0.01 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

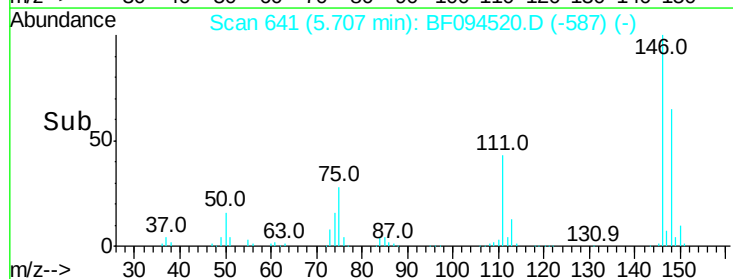
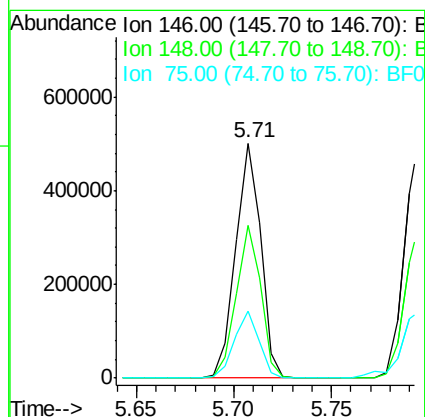
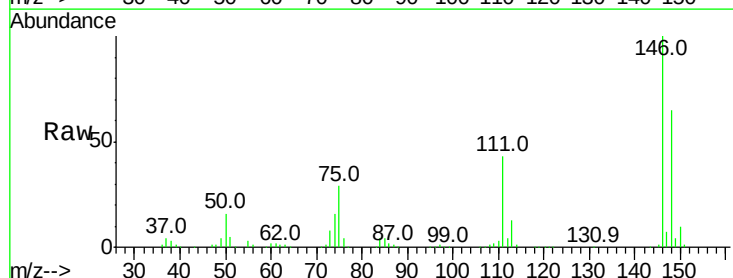
Tgt Ion: 146 Resp: 447112

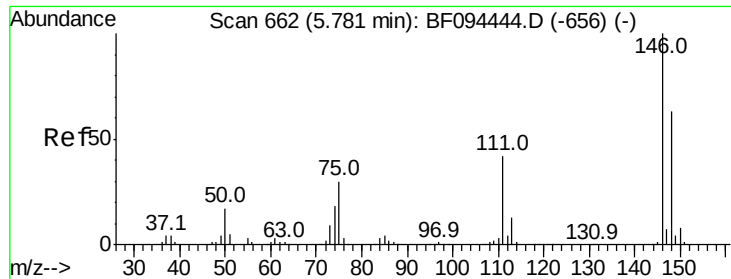
Ion Ratio Lower Upper

146 100

148 65.2 51.8 77.6

75 28.6 23.1 34.7

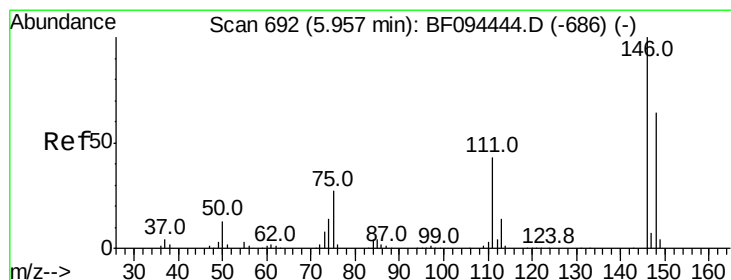
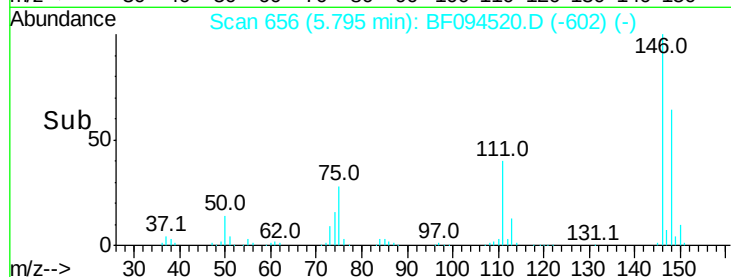
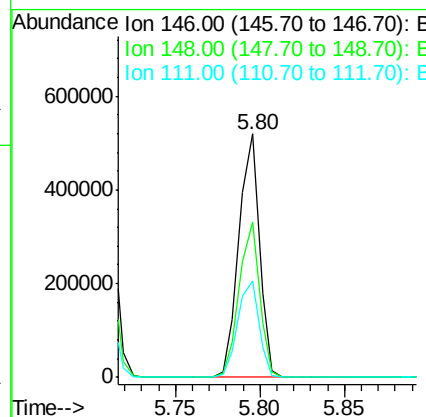
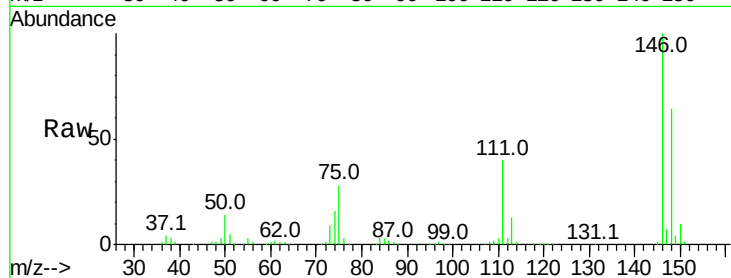




#13
 1,4-Dichlorobenzene
 Concen: 45.35 ng
 RT: 5.80 min Scan# 656
 Delta R.T. 0.01 min
 Lab File: BF094520.D
 Acq: 19 Apr 2017 17:18

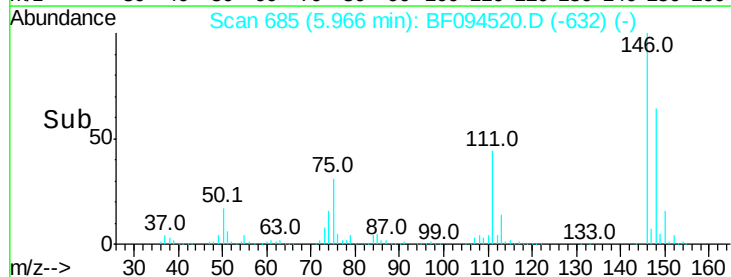
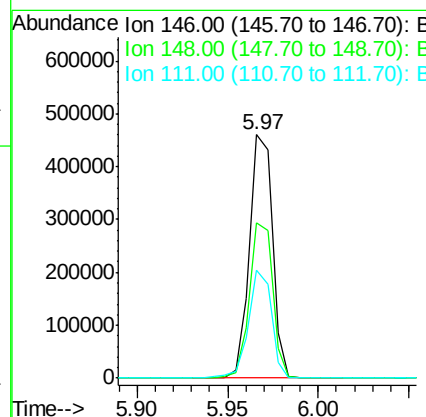
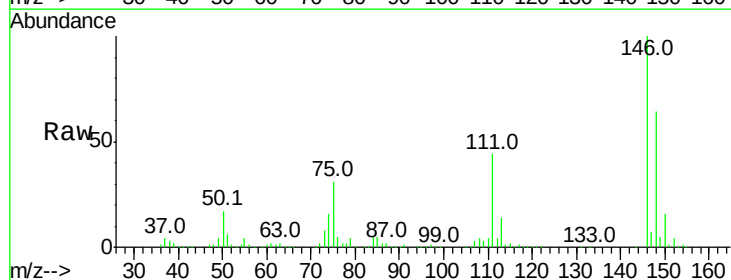
Instrument :
 BNA_F
 ClientSampleId :

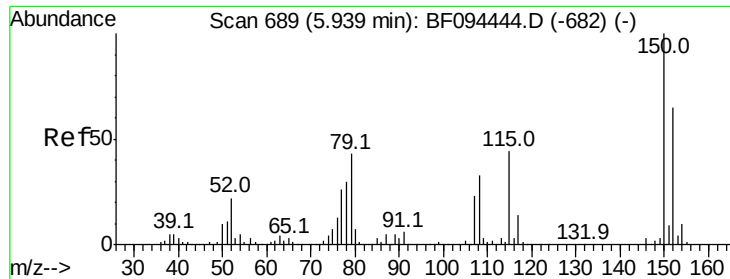
Tot Ion:146 Resp: 440441
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.2 78.2
 111 39.5 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 45.52 ng
 RT: 5.97 min Scan# 685
 Delta R.T. 0.01 min
 Lab File: BF094520.D
 Acq: 19 Apr 2017 17:18

Tgt Ion:146 Resp: 407179
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.4 75.6
 111 44.2 38.2 57.4

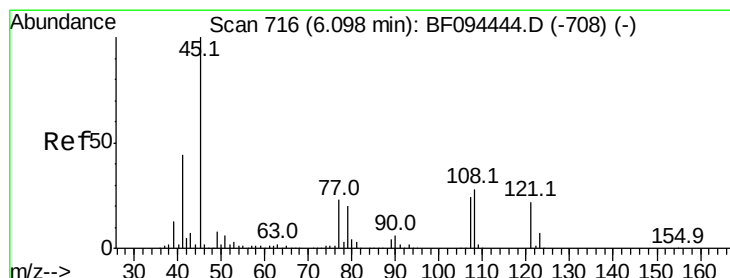
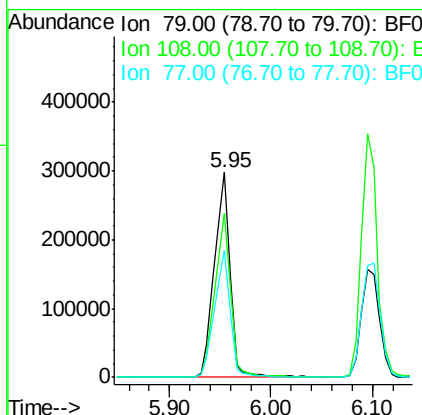
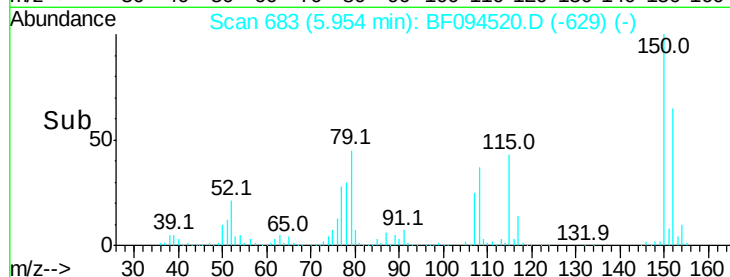
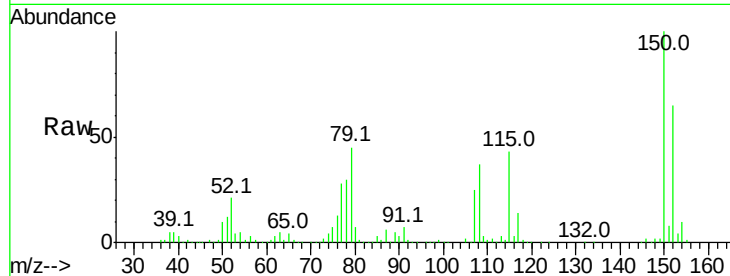




#15
Benzyl Alcohol
Concen: 48.85 ng
RT: 5.95 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF094520.D
Acq: 19 Apr 2017 17:18

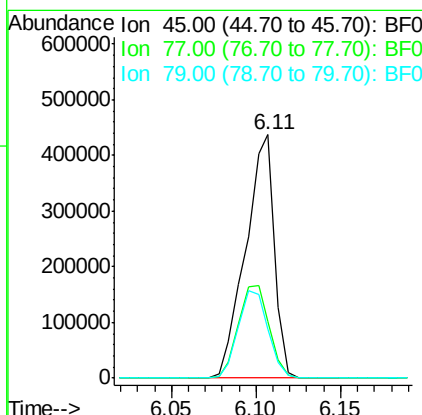
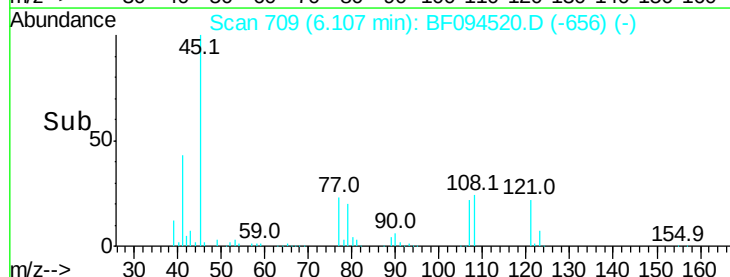
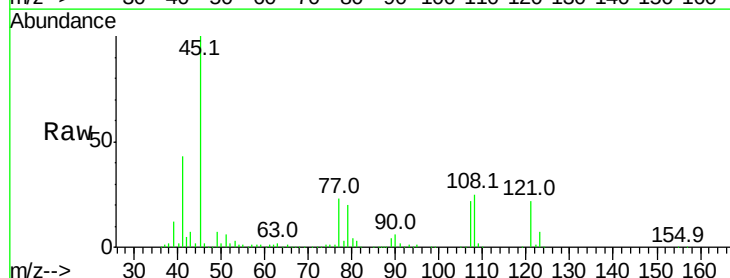
Instrument :
BNA_F
ClientSampled :

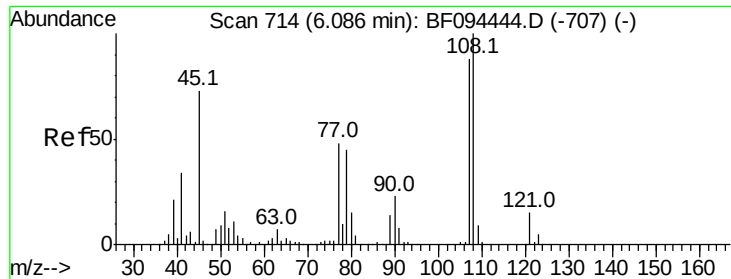
Tot Ion: 79 Resp: 327078
Ion Ratio Lower Upper
79 100
108 80.4 63.4 95.0
77 62.3 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.04 ng
RT: 6.11 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF094520.D
Acq: 19 Apr 2017 17:18

Tgt Ion: 45 Resp: 520820
Ion Ratio Lower Upper
45 100
77 23.1 0.0 33.2
79 20.2 0.0 30.0





#17

2-Methylphenol

Concen: 49.59 ng

RT: 6.10 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 340266

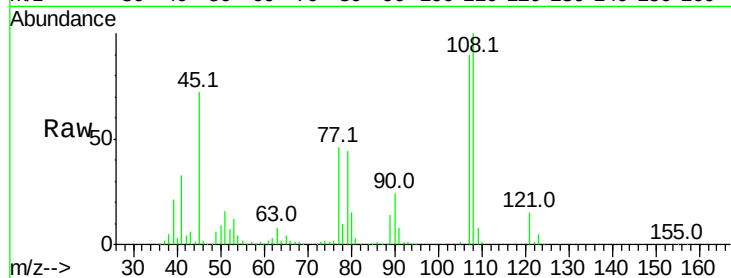
Ion Ratio Lower Upper

107 100

108 111.7 93.4 140.0

77 51.4 35.8 53.6

79 49.6 34.8 52.2

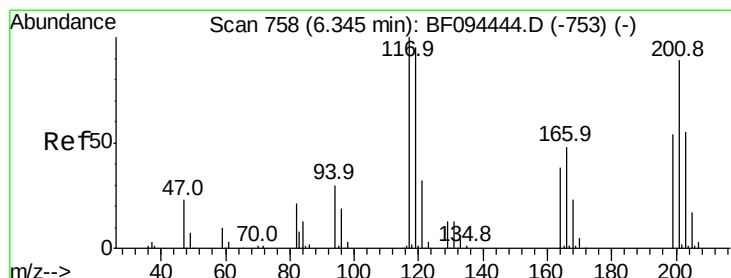
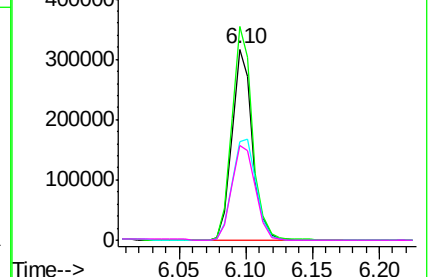
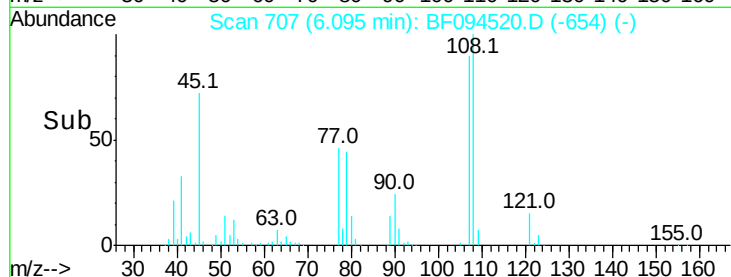


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 46.41 ng

RT: 6.35 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

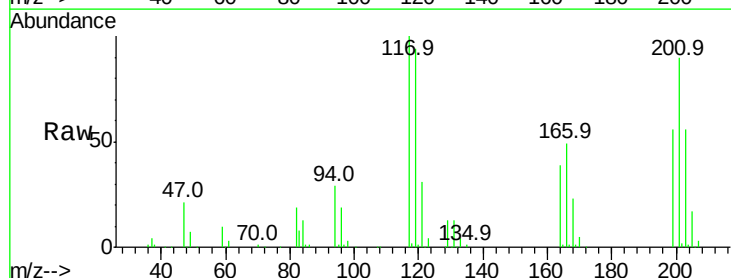
Tgt Ion:117 Resp: 154512

Ion Ratio Lower Upper

117 100

119 93.9 77.4 116.0

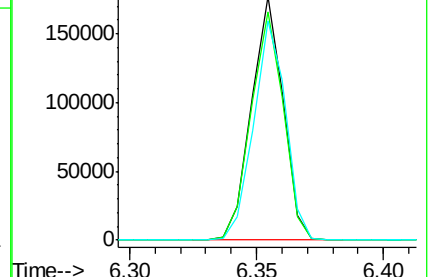
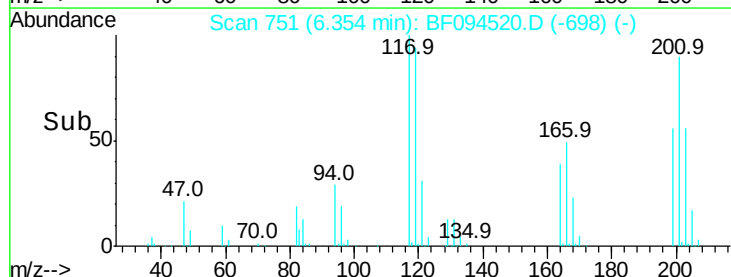
201 90.1 94.6 141.8#

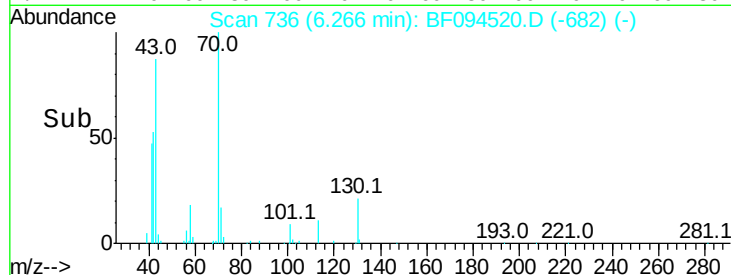
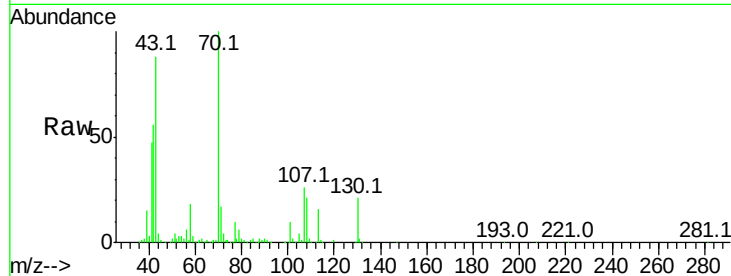
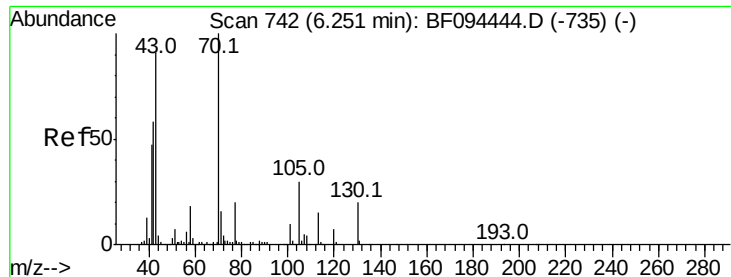


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

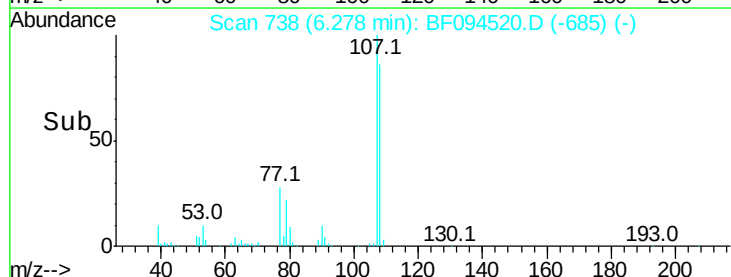
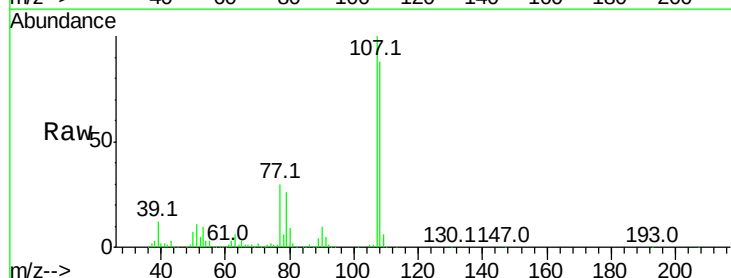
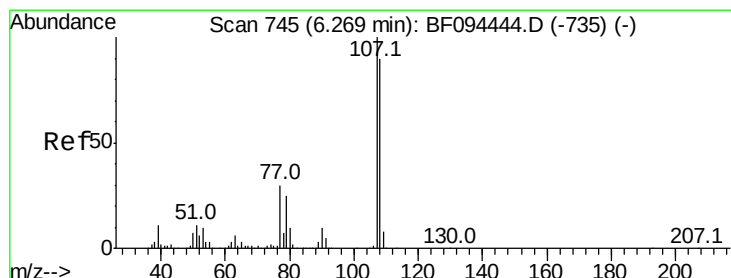
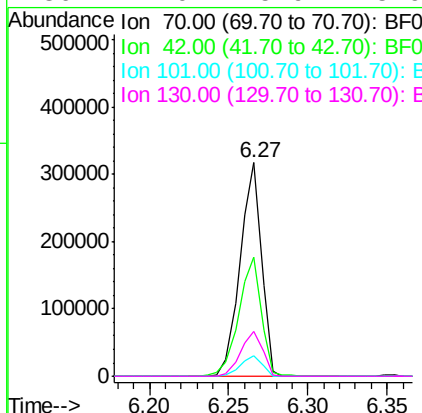




#19
n-Nitroso-di-n-propylamine
Concen: 49.47 ng
RT: 6.27 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF094520.D
Acq: 19 Apr 2017 17:18

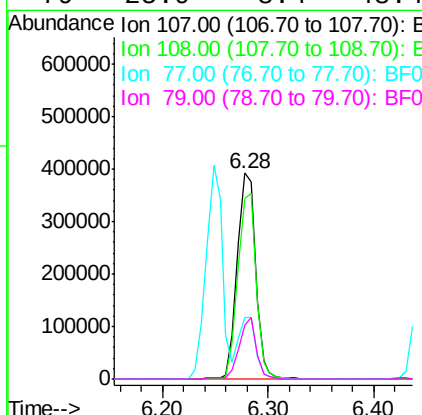
Instrument :
BNA_F
ClientSampled :

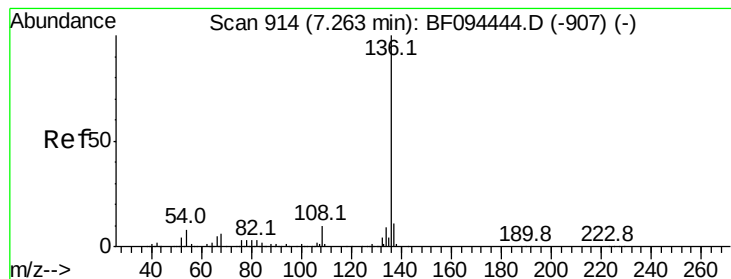
Tot Ion:	70	Resp:	295881
Ion	Ratio	Lower	Upper
70	100		
42	55.9	47.2	70.8
101	9.9	7.2	10.8
130	21.0	15.9	23.9



#20
3+4-Methylphenols
Concen: 50.38 ng
RT: 6.28 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF094520.D
Acq: 19 Apr 2017 17:18

Tgt Ion:	107	Resp:	469775
Ion	Ratio	Lower	Upper
107	100		
108	87.9	71.0	111.0
77	29.9	90.5	130.5#
79	25.9	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.27 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 498668

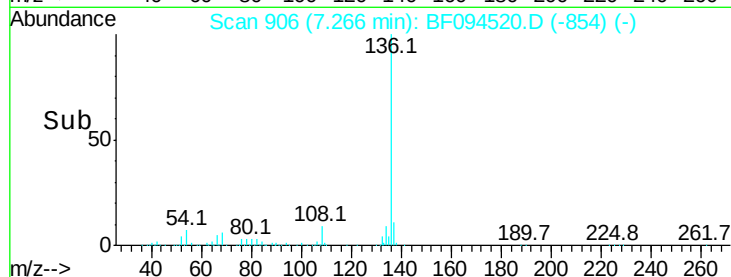
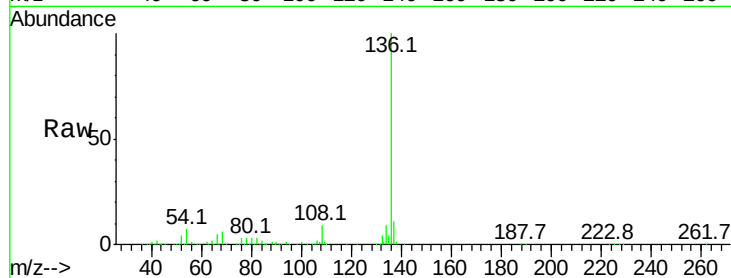
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 7.0 4.9 7.3

68 5.7 4.1 6.1



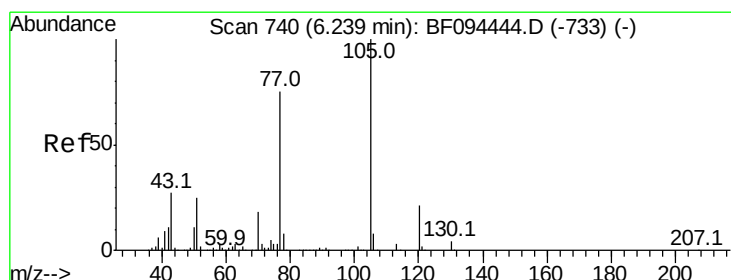
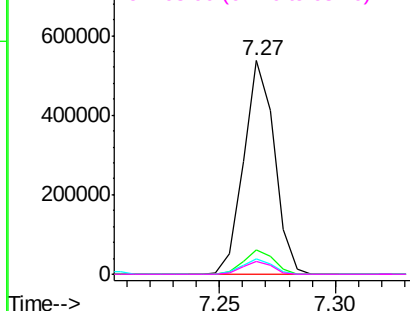
Abundance

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: 49.38 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

Tgt Ion:105 Resp: 598697

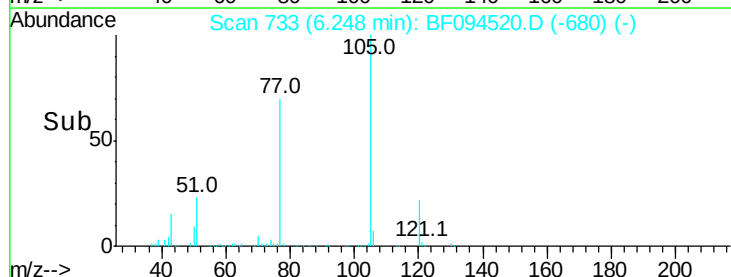
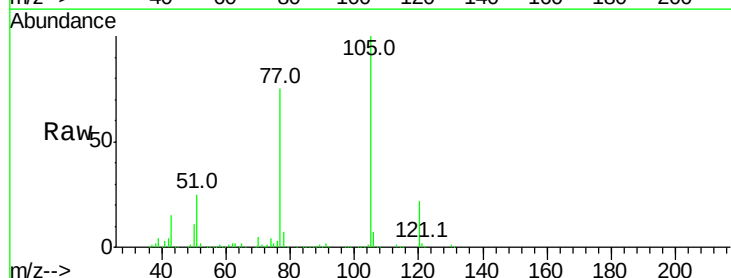
Ion Ratio Lower Upper

105 100

71 0.9 2.8 4.2#

51 25.2 30.7 46.1#

120 21.8 17.4 26.0



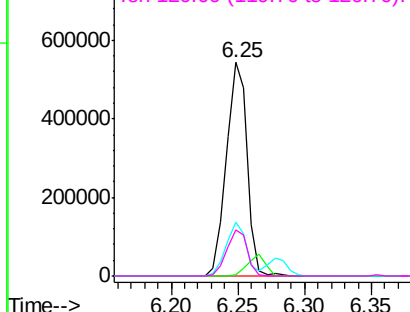
Abundance

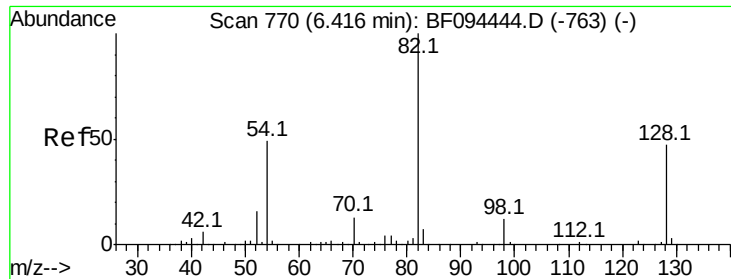
Ion 105.00 (104.70 to 105.70): E

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: 103.76 ng

RT: 6.42 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

Instrument :

BNA_F

ClientSampleId :

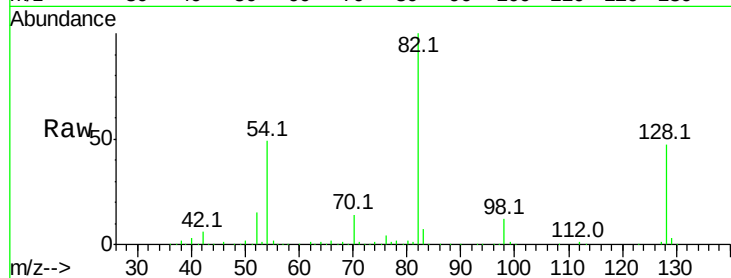
Tot Ion: 82 Resp: 837943

Ion Ratio Lower Upper

82 100

128 46.8 34.0 51.0

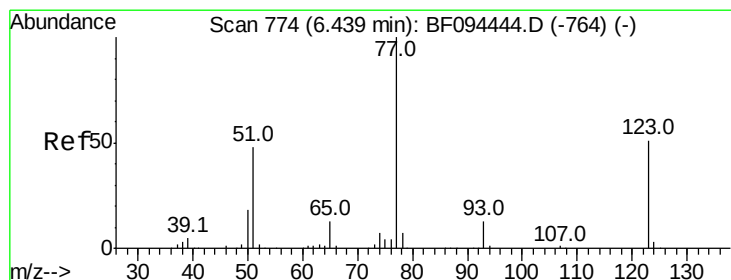
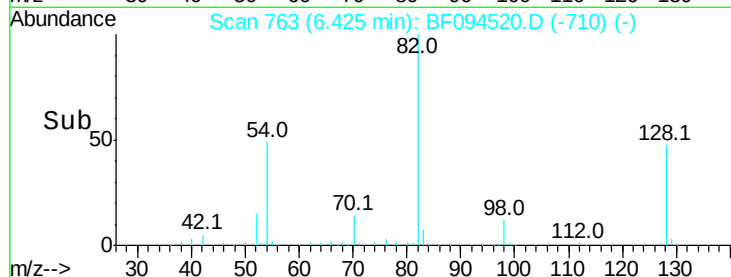
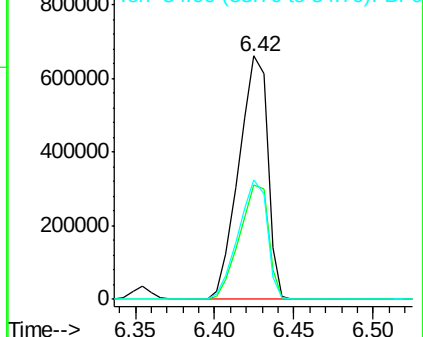
54 49.1 42.2 63.2



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: 50.19 ng

RT: 6.45 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

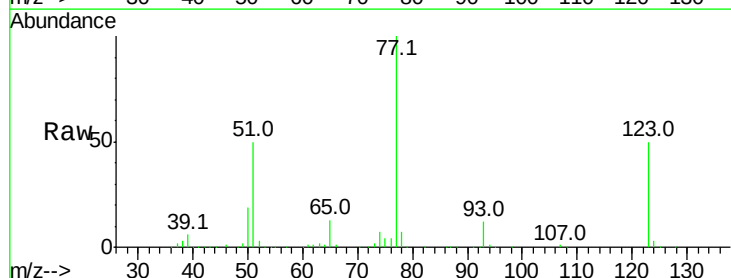
Tgt Ion: 77 Resp: 426811

Ion Ratio Lower Upper

77 100

123 50.2 35.8 53.8

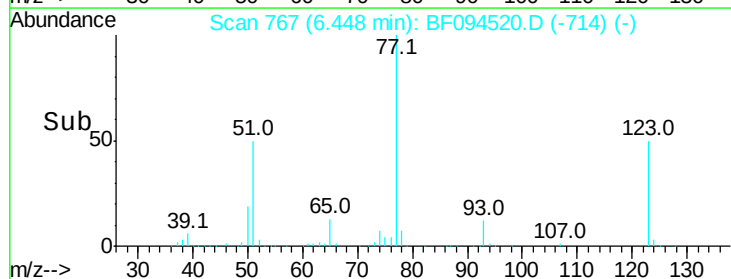
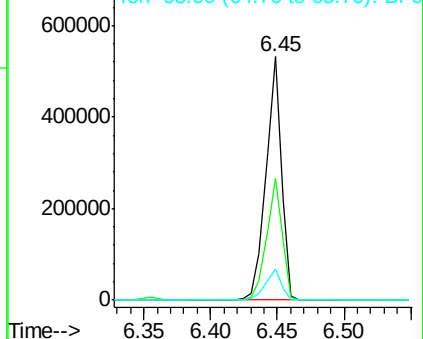
65 13.0 10.6 15.8

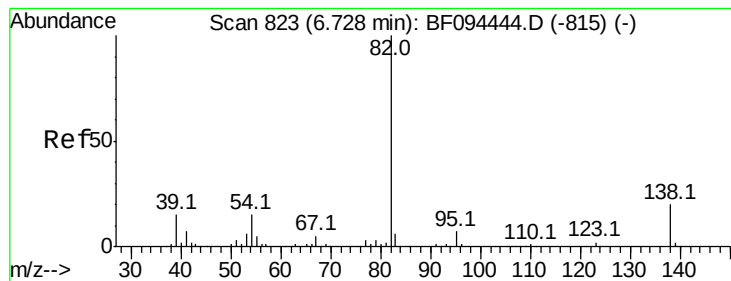


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 52.14 ng

RT: 6.74 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

Instrument :

BNA_F

ClientSampleId :

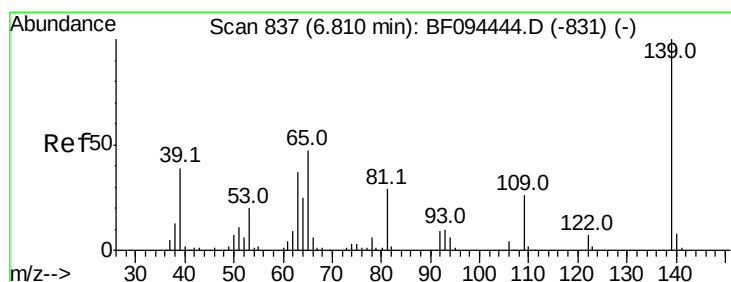
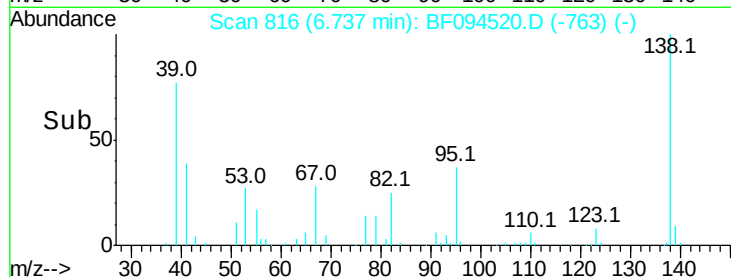
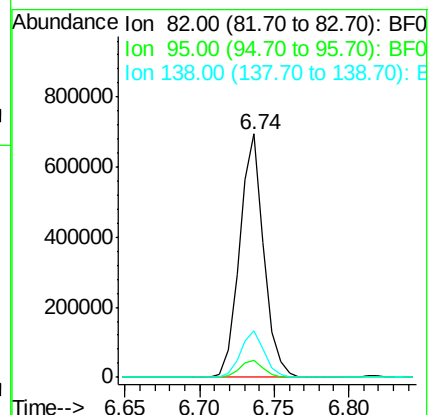
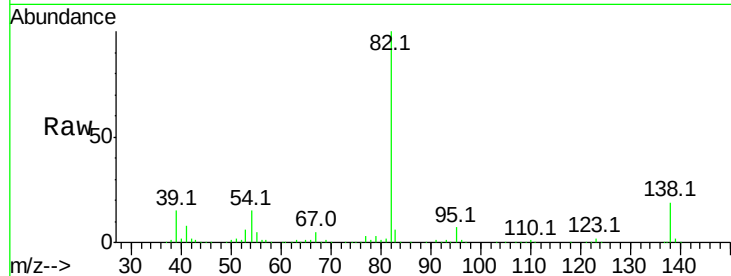
Tot Ion: 82 Resp: 780506

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 18.9 13.1 19.7



#26

2-Nitrophenol

Concen: 52.06 ng

RT: 6.82 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

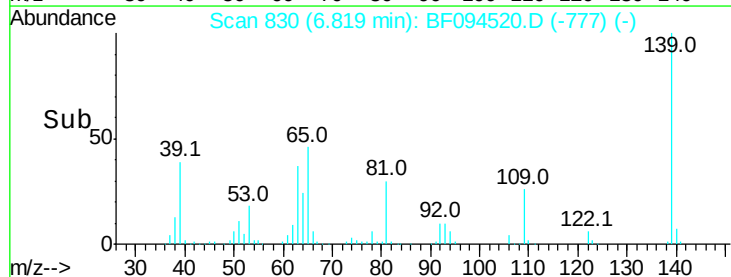
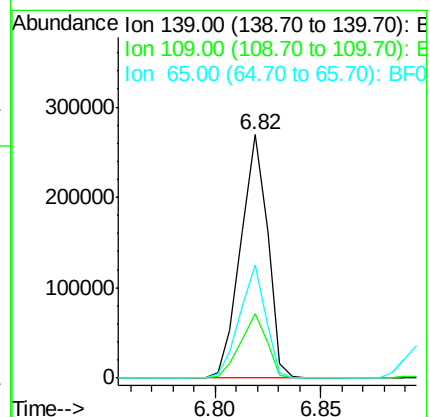
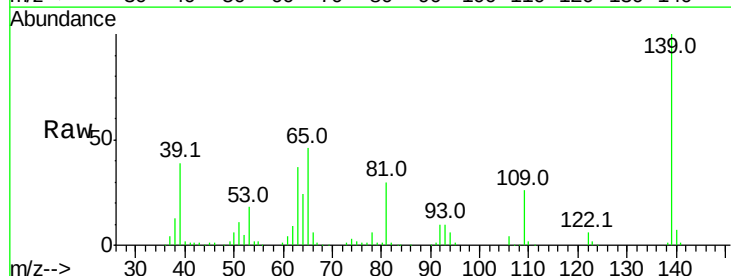
Tgt Ion:139 Resp: 237843

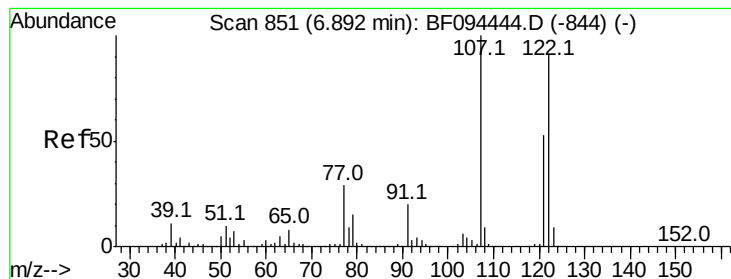
Ion Ratio Lower Upper

139 100

109 26.4 21.0 31.6

65 46.2 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 51.21 ng

RT: 6.90 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

Instrument :
BNA_F
ClientSampleId :

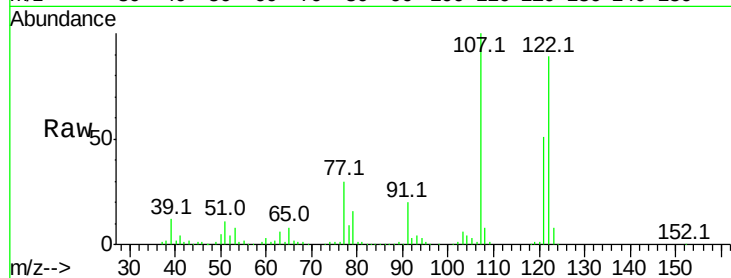
Tot Ion:122 Resp: 380077

Ion Ratio Lower Upper

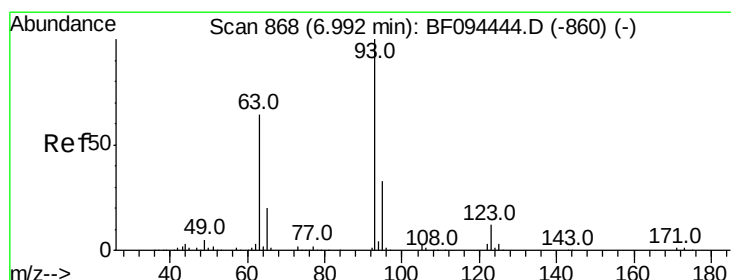
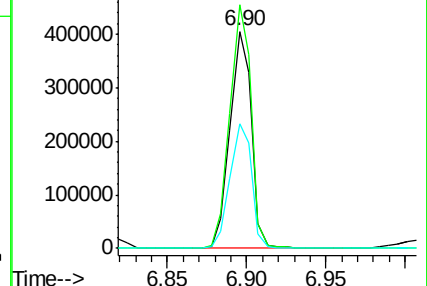
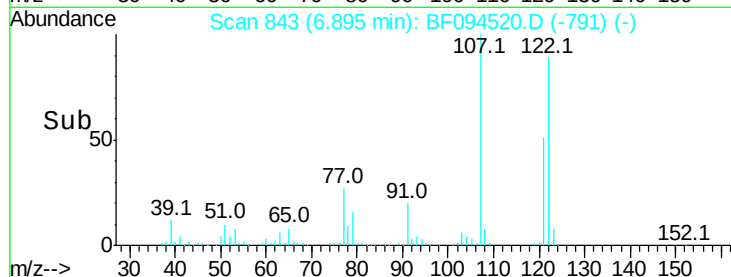
122 100

107 112.0 89.2 133.8

121 57.6 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 51.80 ng

RT: 7.00 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

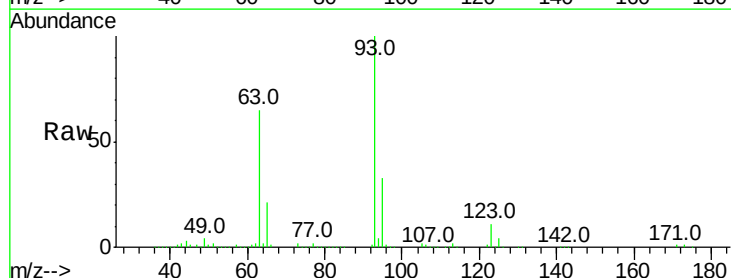
Tgt Ion: 93 Resp: 501649

Ion Ratio Lower Upper

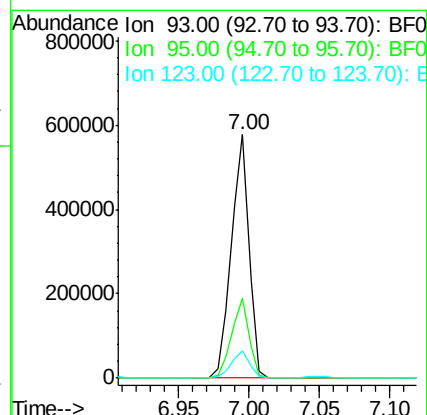
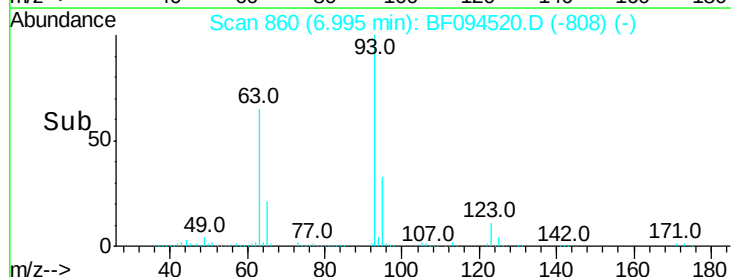
93 100

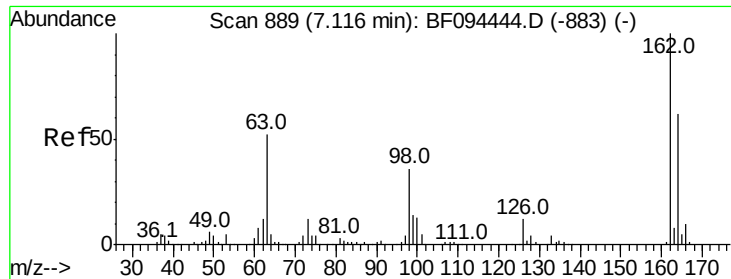
95 32.6 26.5 39.7

123 11.2 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

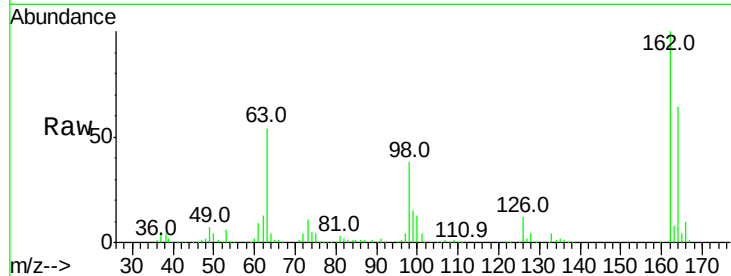




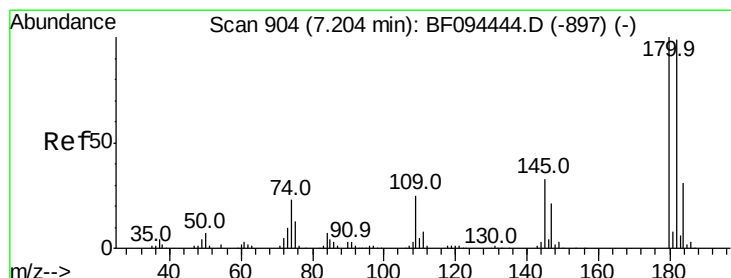
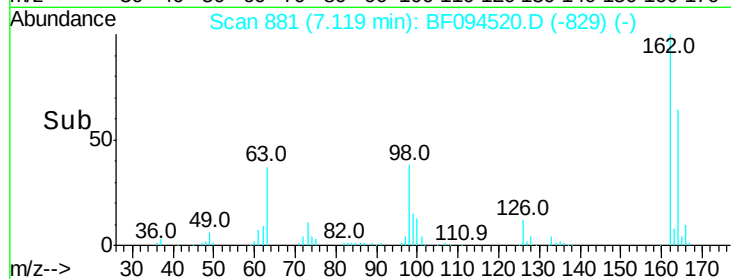
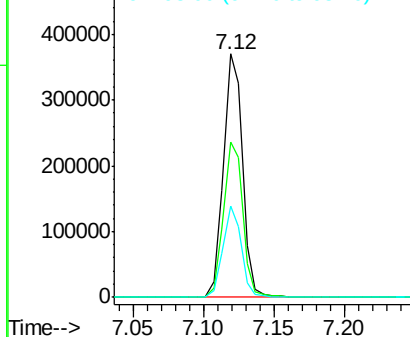
#29
 2,4-Dichlorophenol
 Concen: 50.55 ng
 RT: 7.12 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF094520.D
 Acq: 19 Apr 2017 17:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.6	84.6
98	37.7	14.8	54.8

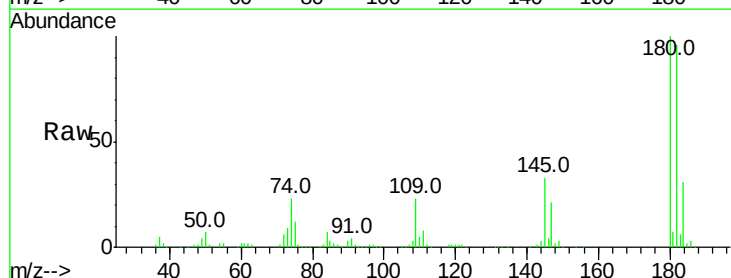


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

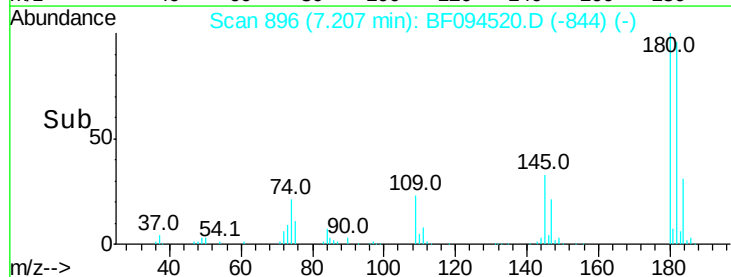
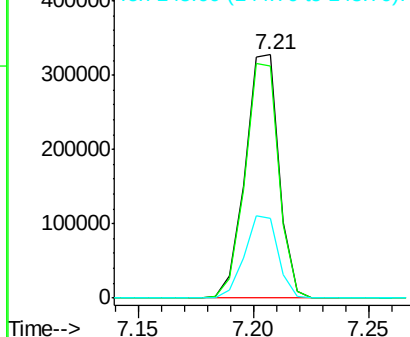


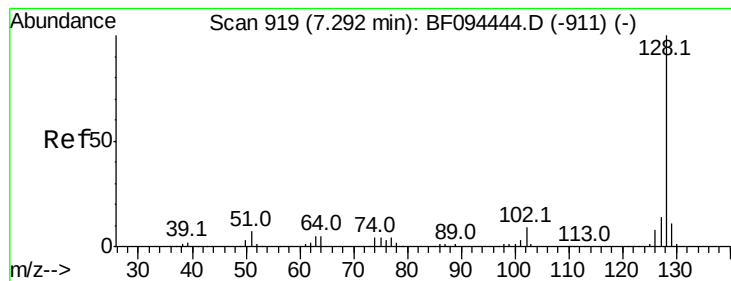
#30
 1,2,4-Trichlorobenzene
 Concen: 46.83 ng
 RT: 7.21 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF094520.D
 Acq: 19 Apr 2017 17:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.8	113.6
145	33.0	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: 48.66 ng

RT: 7.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

Instrument :

BNA_F

ClientSampleId :

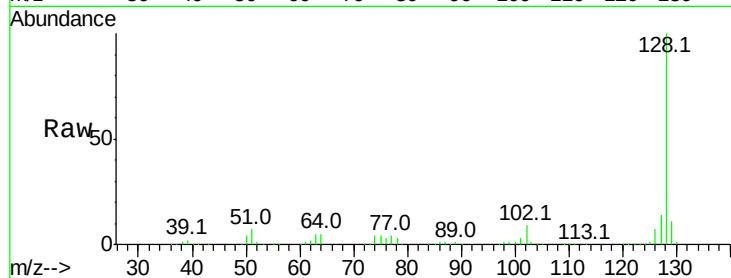
Tot Ion:128 Resp: 1166588

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

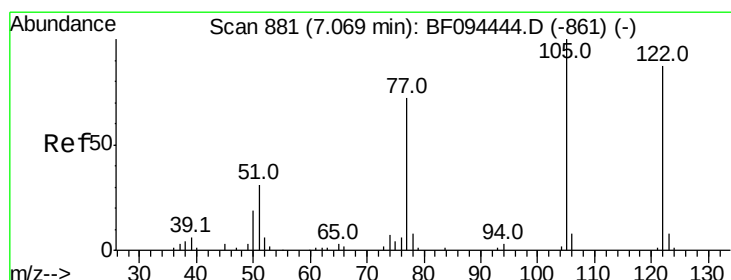
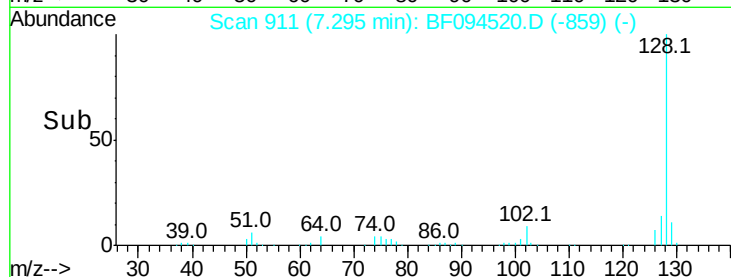
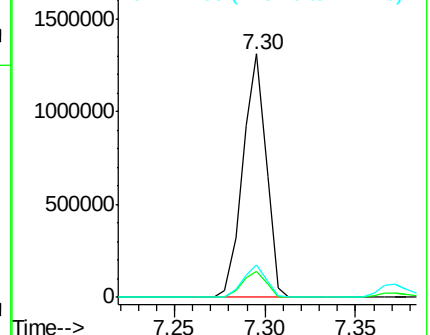
127 13.5 10.8 16.2



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: 26.50 ng

RT: 7.05 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

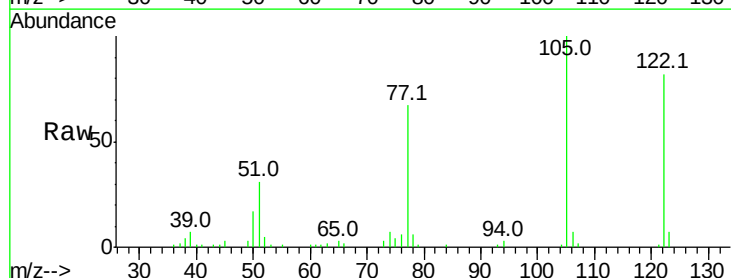
Tgt Ion:122 Resp: 104018

Ion Ratio Lower Upper

122 100

105 122.1 103.3 143.3

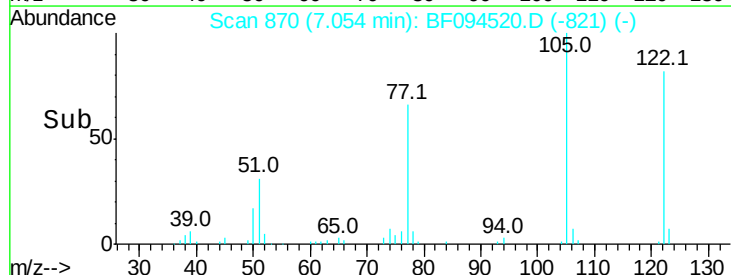
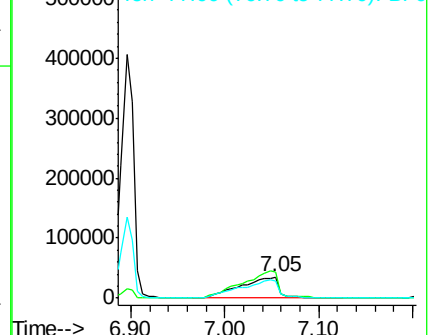
77 81.6 73.7 113.7

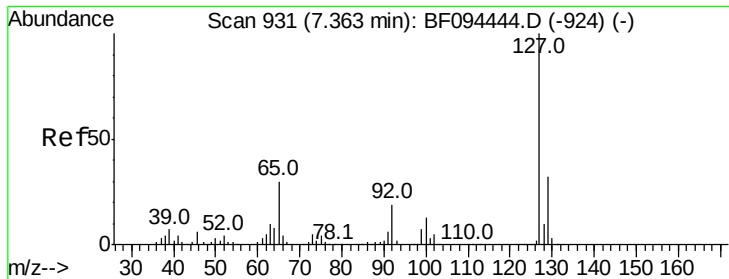


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

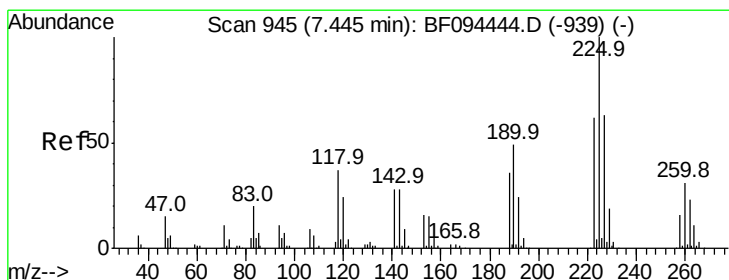
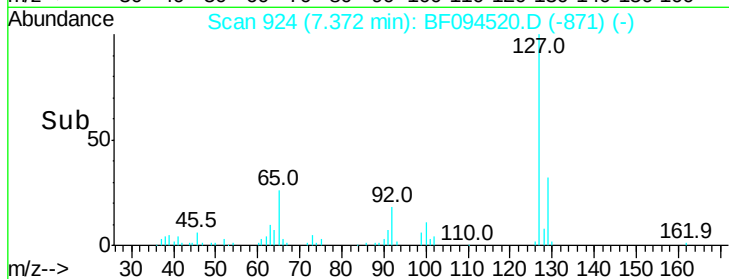
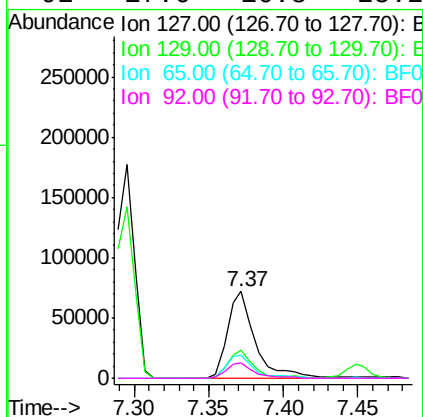
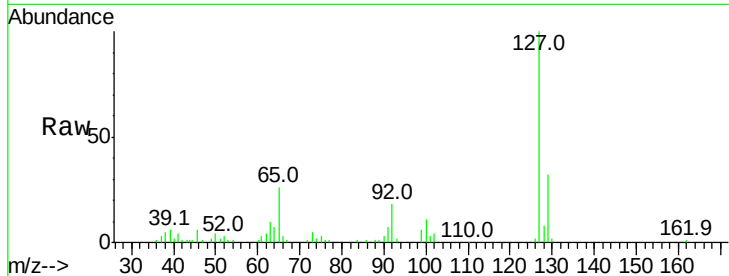




#33
4-Chloroaniline
Concen: 9.40 ng
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF094520.D
Acq: 19 Apr 2017 17:18

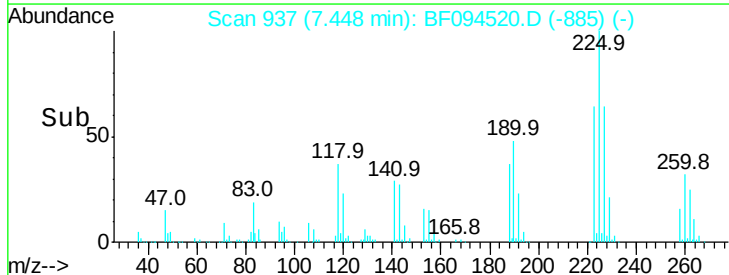
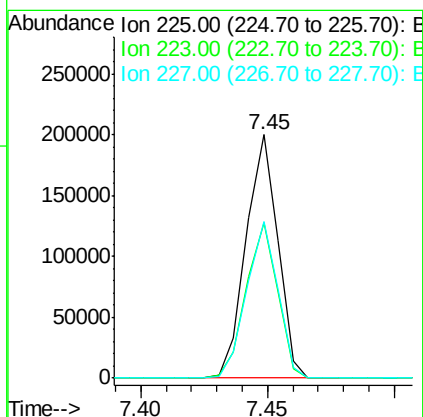
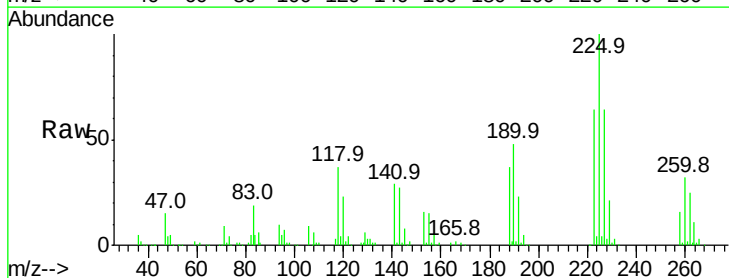
Instrument :
BNA_F
ClientSampleId :

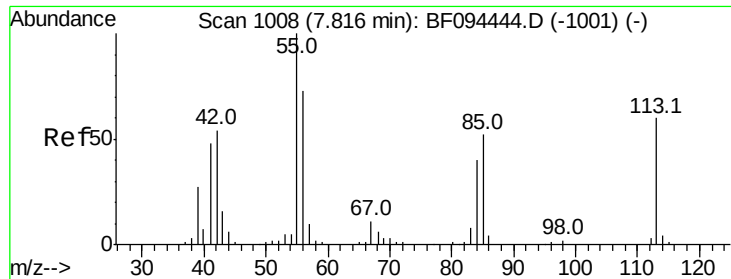
Tot Ion:	127	Resp:	93788
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	26.5	27.8	41.8#
92	17.6	16.8	25.2



#34
Hexachlorobutadiene
Concen: 49.08 ng
RT: 7.45 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF094520.D
Acq: 19 Apr 2017 17:18

Tgt Ion:	225	Resp:	174672
Ion	Ratio	Lower	Upper
225	100		
223	63.8	48.8	73.2
227	64.2	51.1	76.7





#35

Caprolactam

Concen: 31.15 ng

RT: 7.84 min Scan# 1003

Delta R.T. 0.02 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

Instrument :

BNA_F

ClientSampleId :

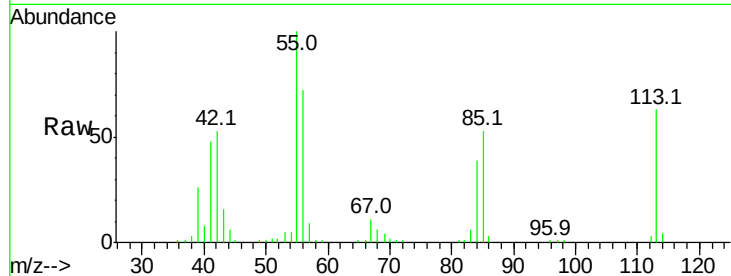
Tot Ion:113 Resp: 67571

Ion Ratio Lower Upper

113 100

55 158.3 150.2 190.2

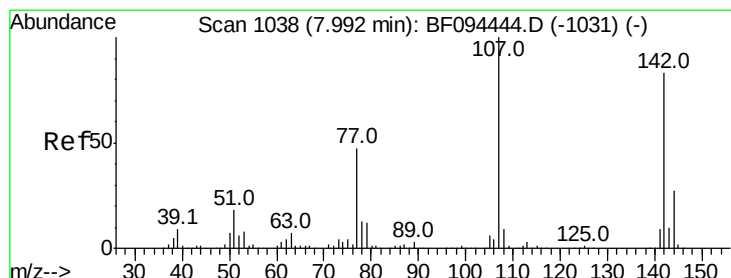
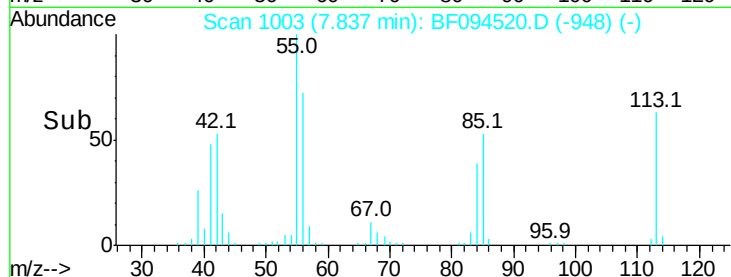
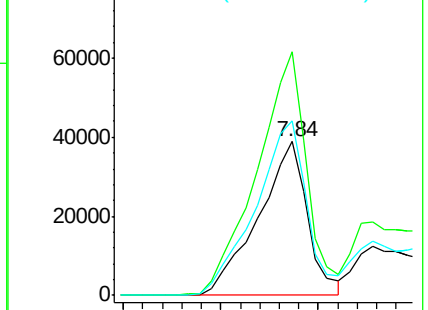
56 113.9 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 53.66 ng

RT: 8.00 min Scan# 1031

Delta R.T. 0.01 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

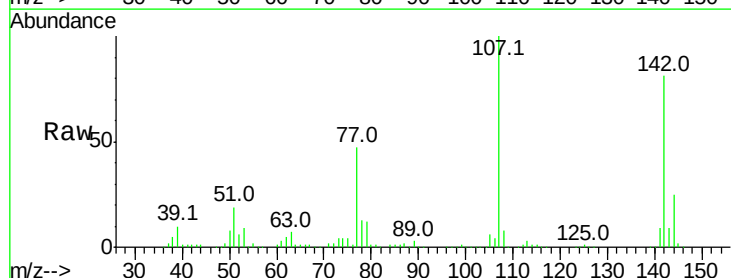
Tgt Ion:107 Resp: 388269

Ion Ratio Lower Upper

107 100

144 25.3 24.2 36.4

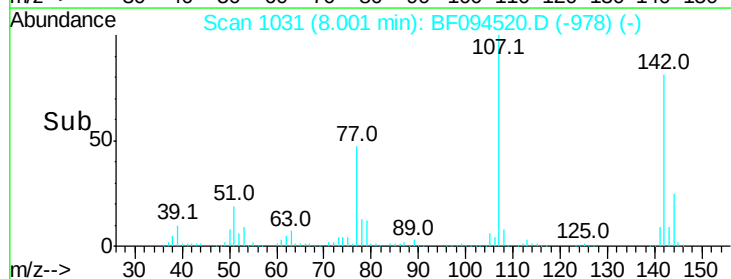
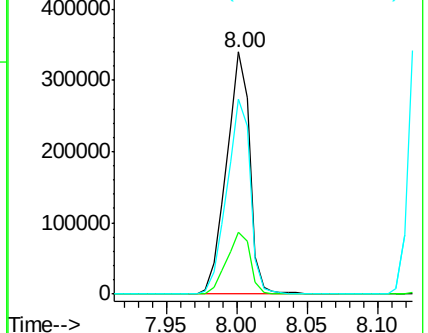
142 80.5 73.4 110.0

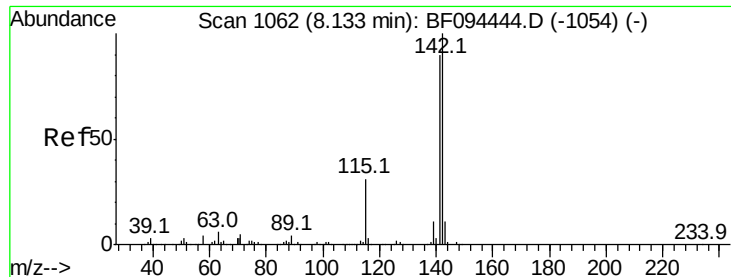


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 49.74 ng

RT: 8.14 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

Instrument :

BNA_F

ClientSampleId :

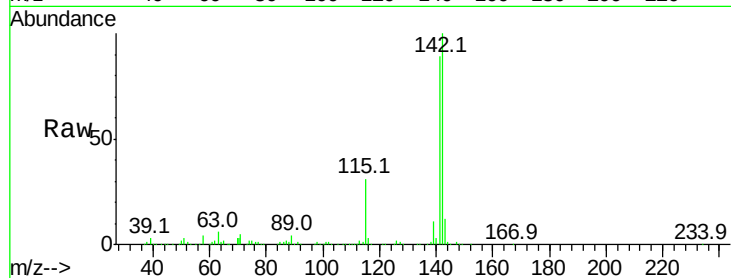
Tot Ion:142 Resp: 815752

Ion Ratio Lower Upper

142 100

141 88.6 71.3 106.9

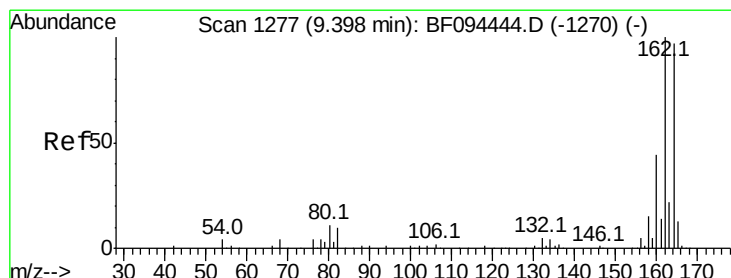
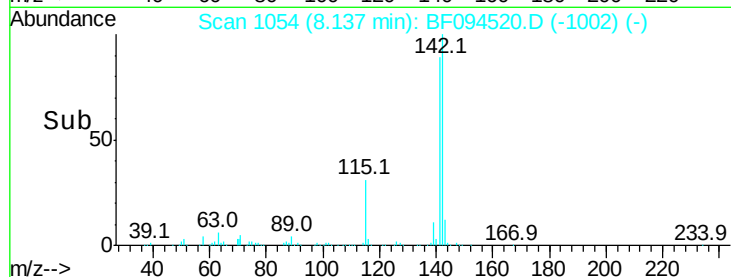
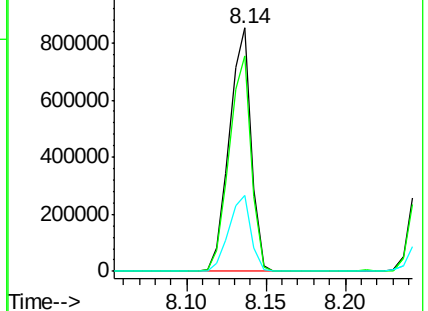
115 31.3 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.40 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

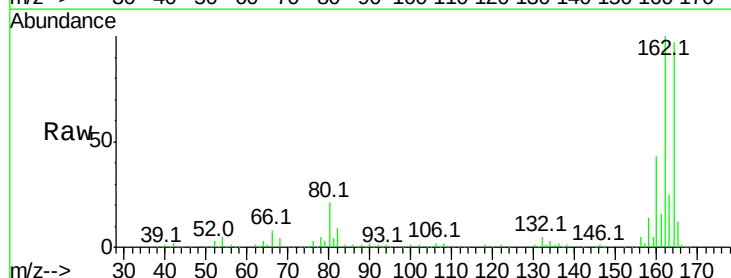
Tgt Ion:164 Resp: 239442

Ion Ratio Lower Upper

164 100

162 103.5 82.6 123.8

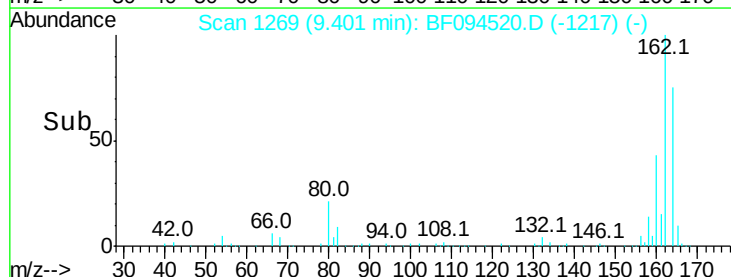
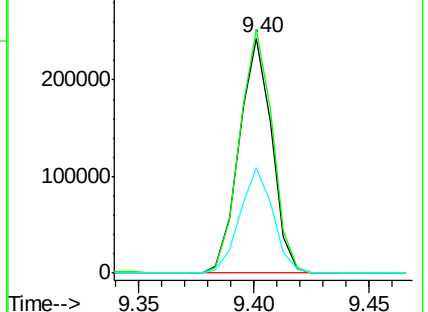
160 45.0 36.2 54.2

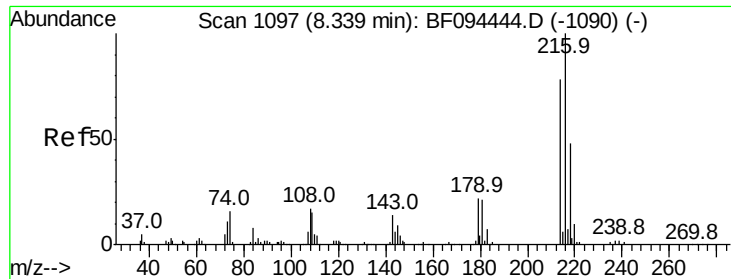


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

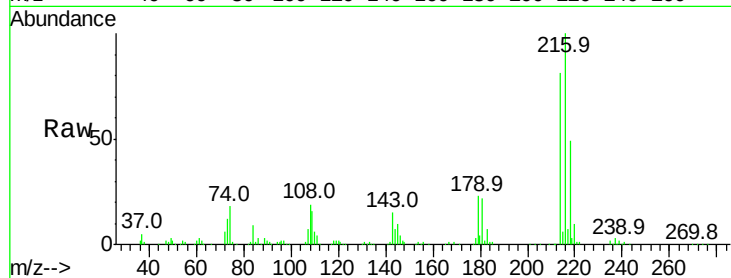




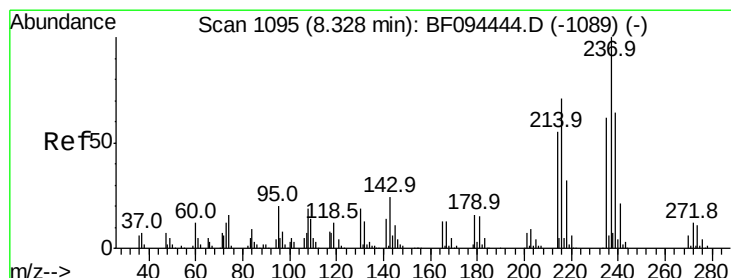
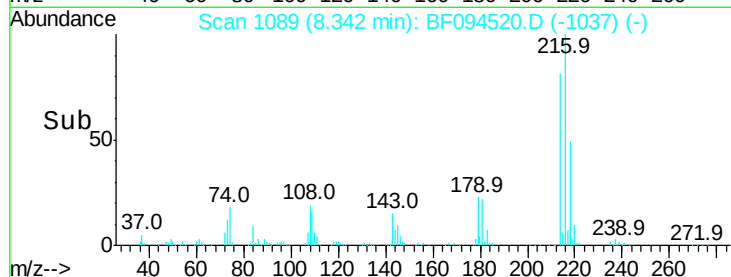
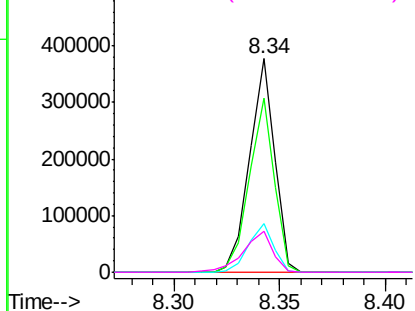
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.83 ng
 RT: 8.34 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF094520.D
 Acq: 19 Apr 2017 17:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	312473
Ion	Ratio	Lower	Upper
216	100		
214	81.1	63.4	95.2
179	22.6	17.9	26.9
108	22.1	16.5	24.7

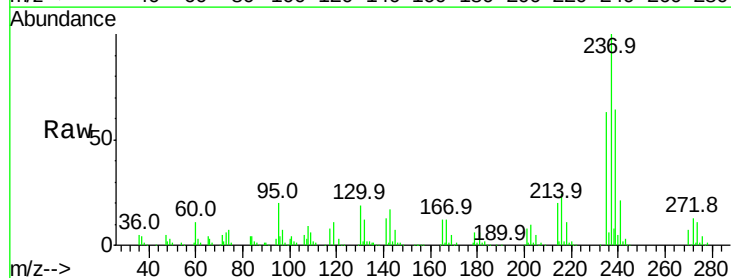


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

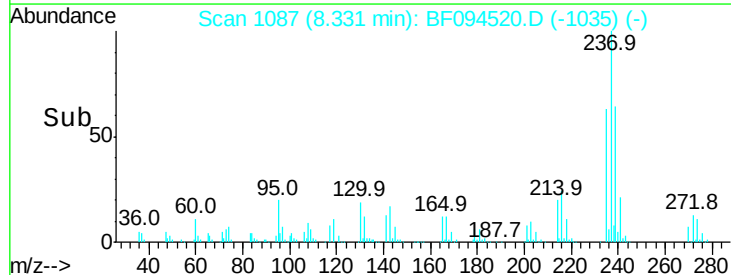
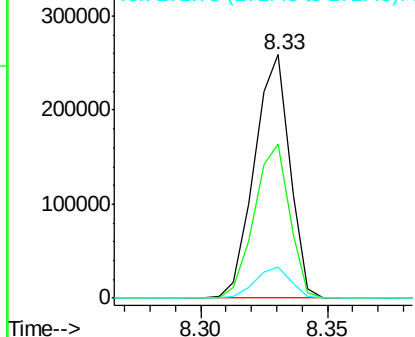


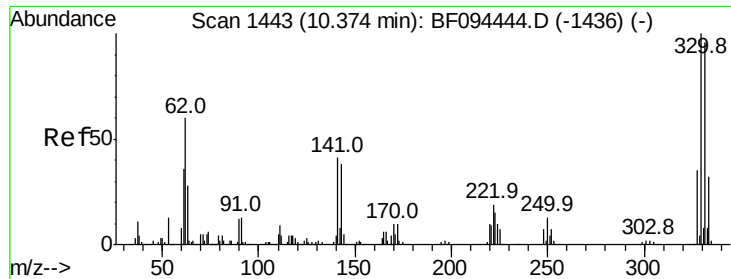
#40
 Hexachlorocyclopentadiene
 Concen: 91.75 ng
 RT: 8.33 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF094520.D
 Acq: 19 Apr 2017 17:18

Tgt Ion:	237	Resp:	253074
Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.6	82.6
272	12.6	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: 140.67 ng

RT: 10.38 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

Instrument :

BNA_F

ClientSampled :

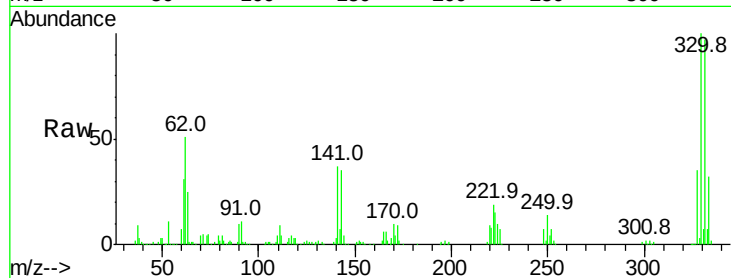
Tot Ion:330 Resp: 263461

Ion Ratio Lower Upper

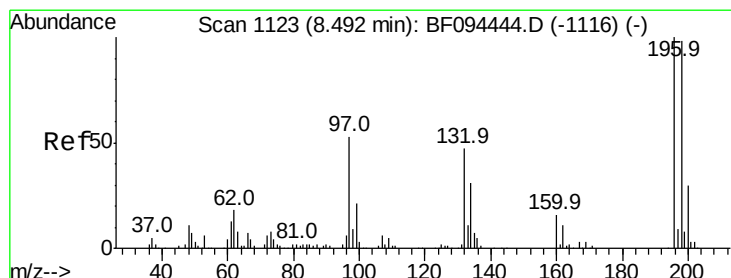
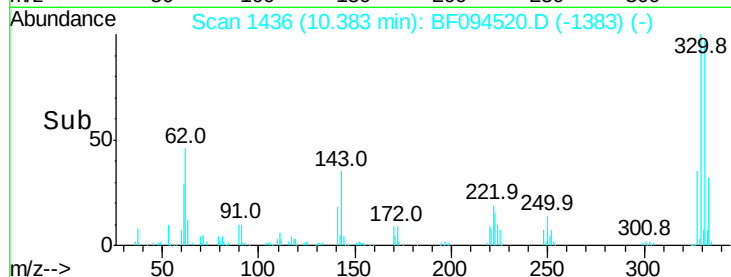
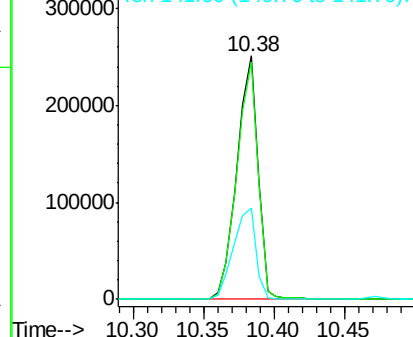
330 100

332 97.4 76.6 115.0

141 40.2 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: 48.68 ng

RT: 8.50 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

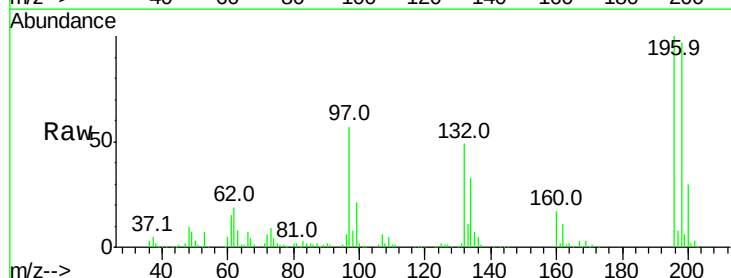
Tgt Ion:196 Resp: 233085

Ion Ratio Lower Upper

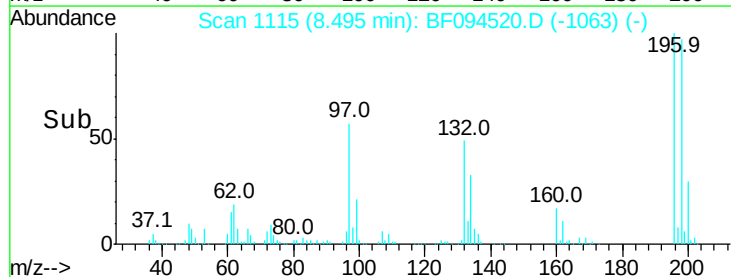
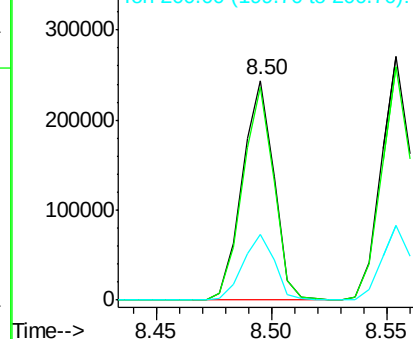
196 100

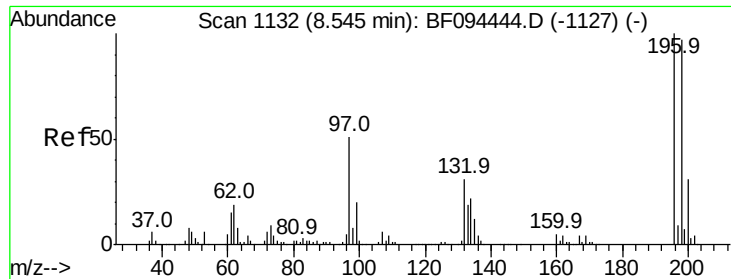
198 97.2 74.2 111.4

200 30.0 24.0 36.0



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

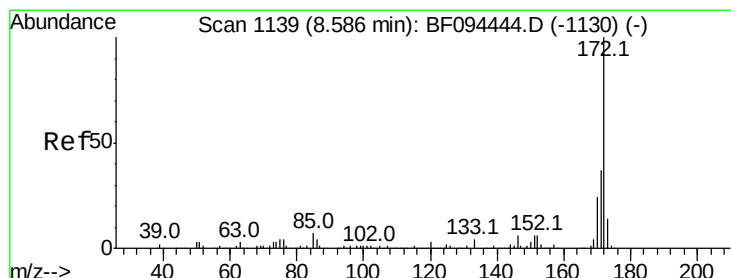
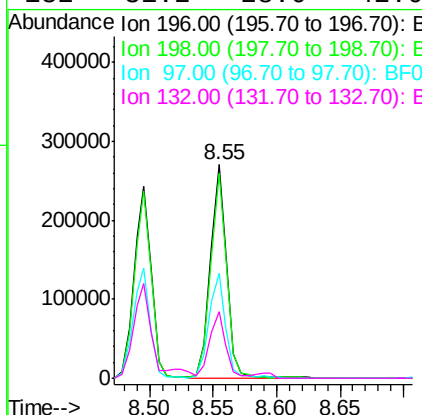
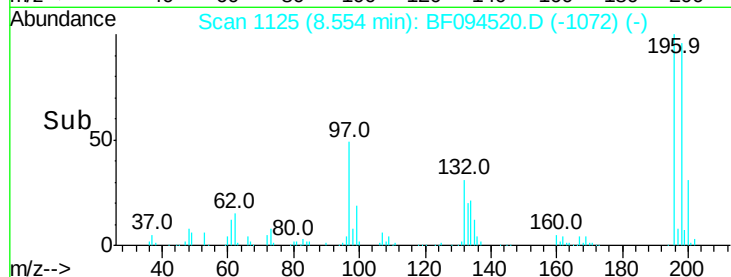
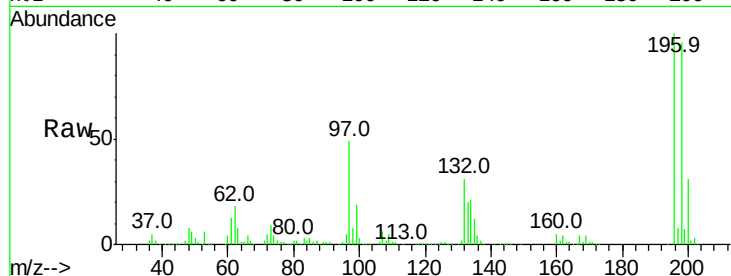




#43
 2,4,5-Trichlorophenol
 Concen: 50.04 ng
 RT: 8.55 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF094520.D
 Acq: 19 Apr 2017 17:18

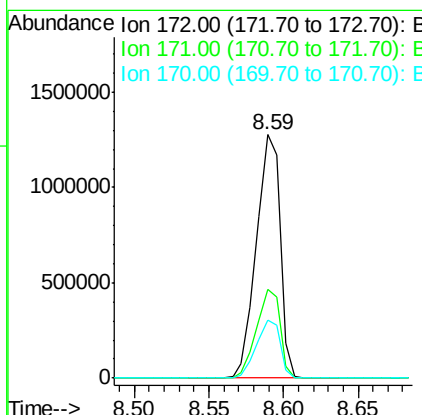
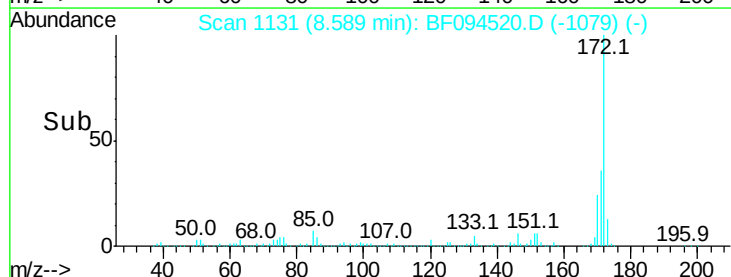
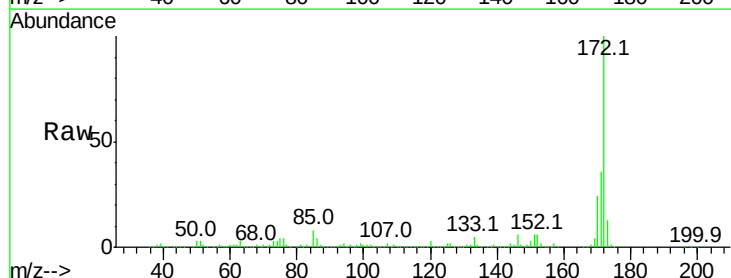
Instrument :
 BNA_F
 ClientSampleId :

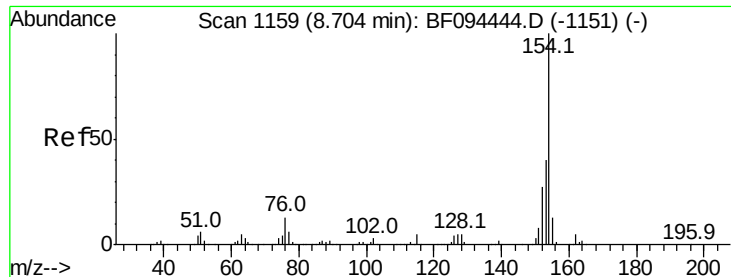
Tot Ion:	196	Resp:	246059
Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.7	113.5
97	49.4	47.7	71.5
132	31.2	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 85.53 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094520.D
 Acq: 19 Apr 2017 17:18

Tgt Ion:	172	Resp:	1391848
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.0	19.8	29.8





#45

1,1'-Biphenyl

Concen: 43.48 ng

RT: 8.71 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

Instrument :

BNA_F

ClientSampleId :

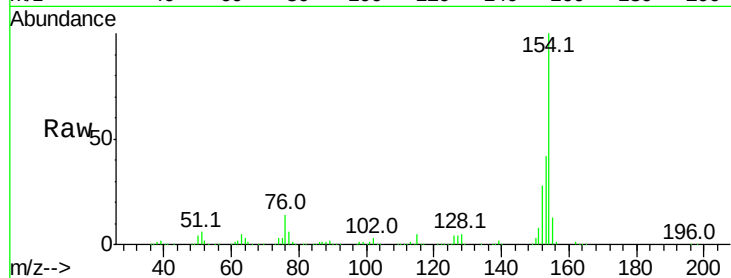
Tot Ion:154 Resp: 850691

Ion Ratio Lower Upper

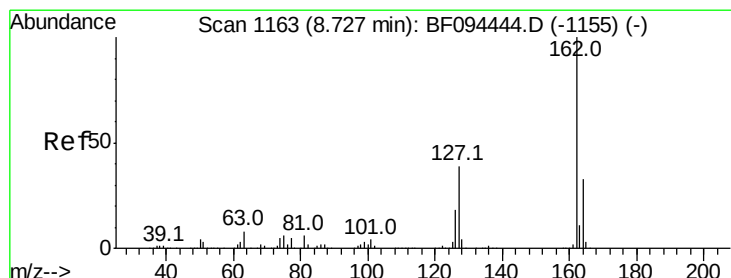
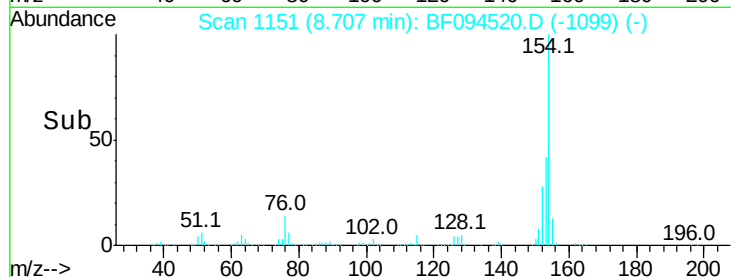
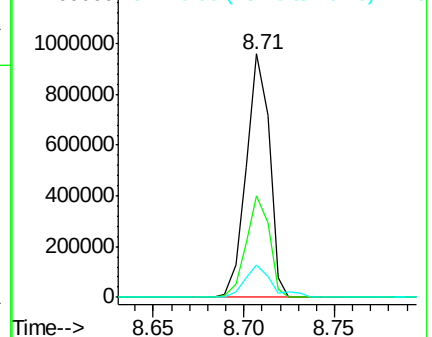
154 100

153 41.6 21.2 61.2

76 13.5 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: 8.72 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

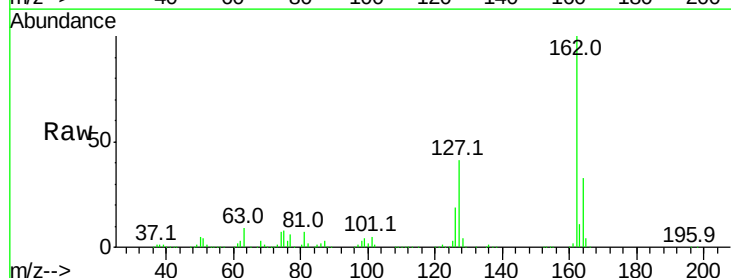
Tgt Ion:162 Resp: 704905

Ion Ratio Lower Upper

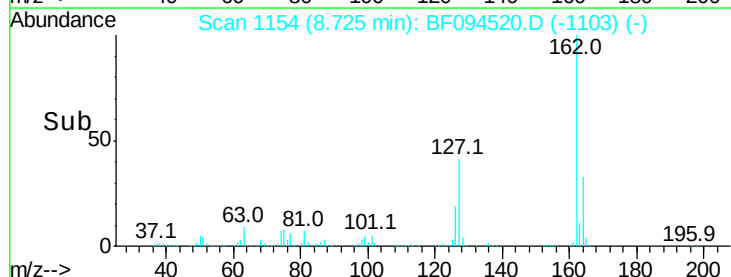
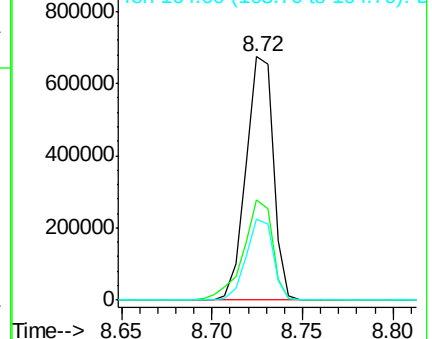
162 100

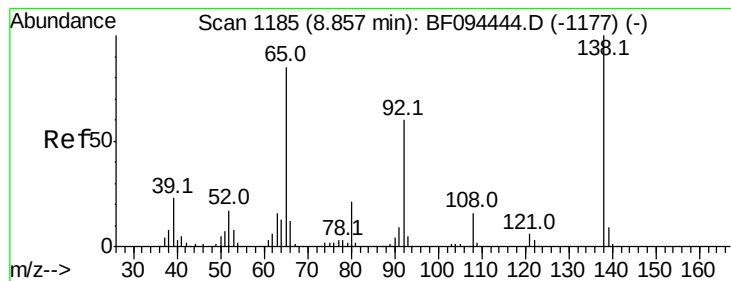
127 41.4 28.3 42.5

164 33.4 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: 50.72 ng

RT: 8.87 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

Instrument :

BNA_F

ClientSampleId :

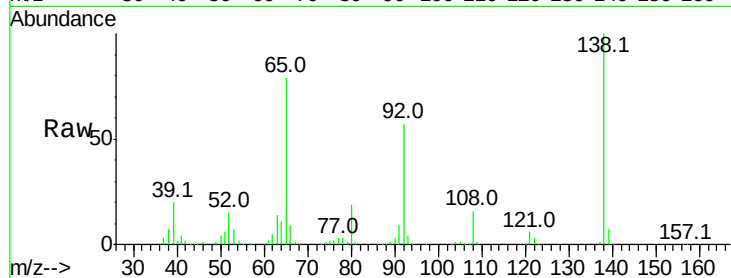
Tot Ion: 65 Resp: 226973

Ion Ratio Lower Upper

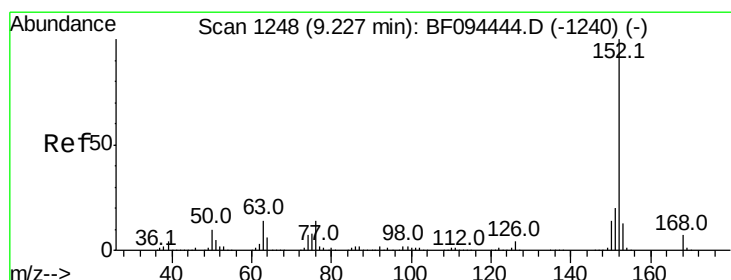
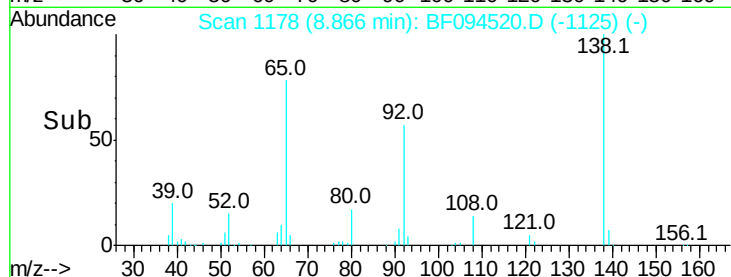
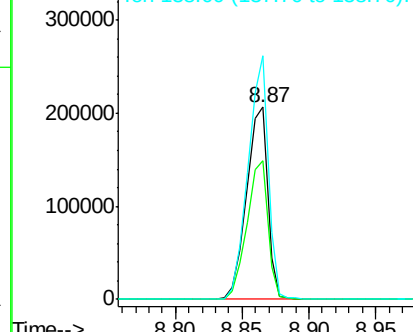
65 100

92 72.4 53.9 80.9

138 126.7 78.8 118.2#



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



#48

Acenaphthylene

Concen: 47.18 ng

RT: 9.23 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

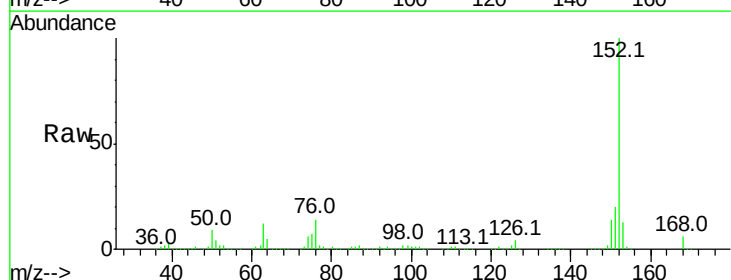
Tgt Ion:152 Resp: 1144000

Ion Ratio Lower Upper

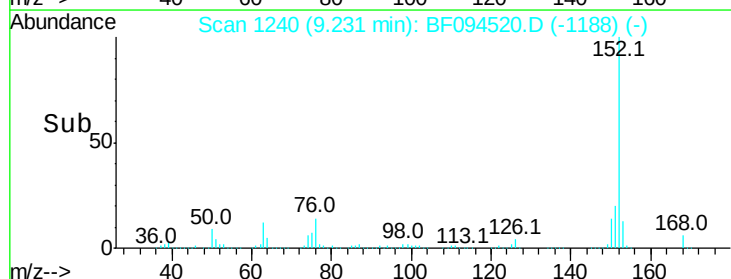
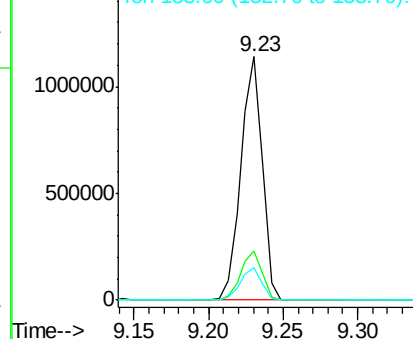
152 100

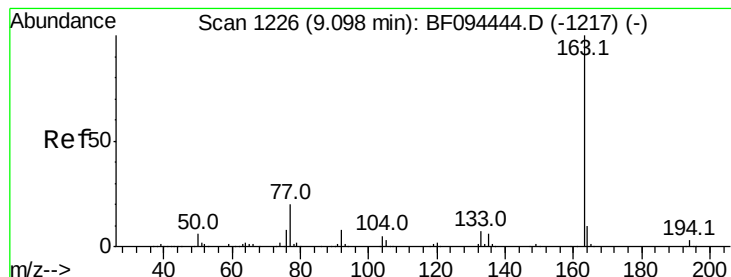
151 20.0 16.8 25.2

153 13.2 10.8 16.2



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





#49

Dimethylphthalate

Concen: 67.87 ng

RT: 9.11 min Scan# 1219

Delta R.T. 0.01 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

Instrument :

BNA_F

ClientSampleId :

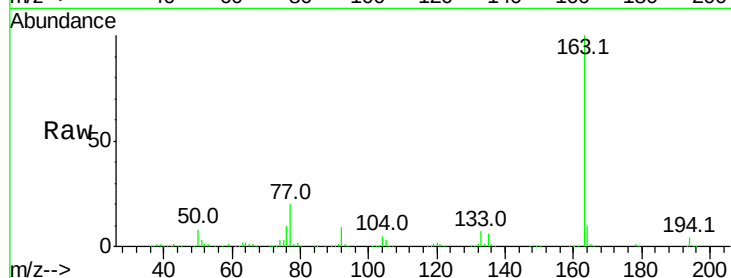
Tot Ion:163 Resp: 1211106

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

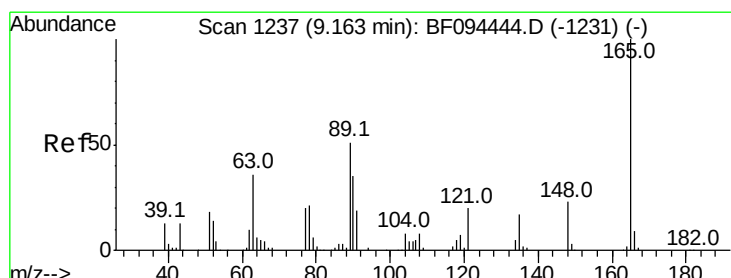
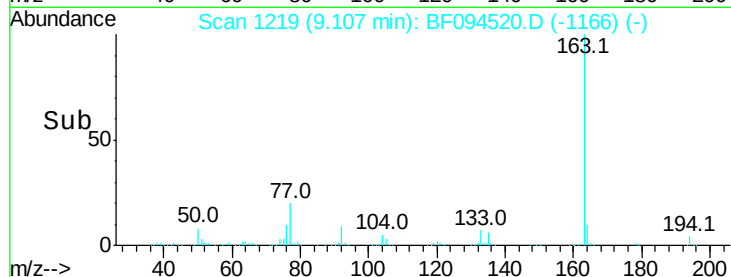
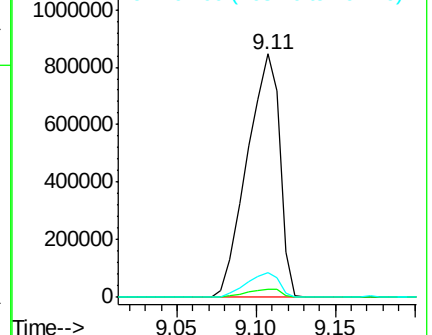
164 10.1 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.88 ng

RT: 9.17 min Scan# 1230

Delta R.T. 0.01 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

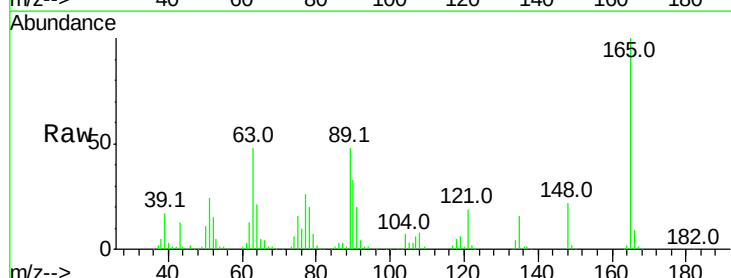
Tgt Ion:165 Resp: 207812

Ion Ratio Lower Upper

165 100

63 48.2 34.3 51.5

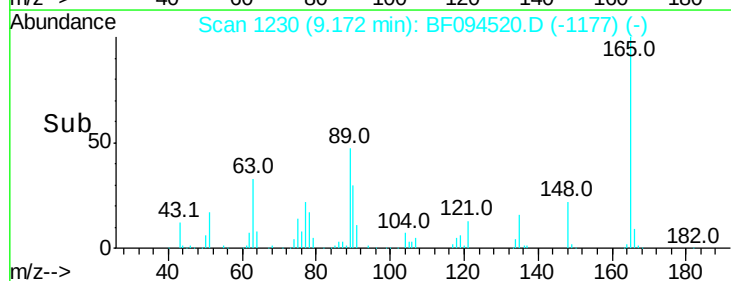
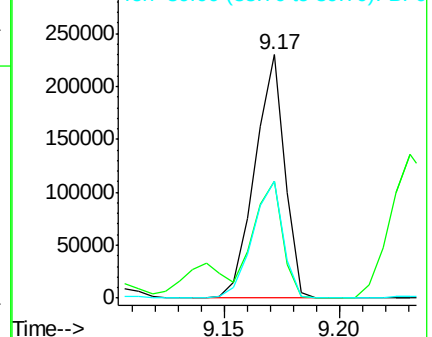
89 48.2 37.1 55.7

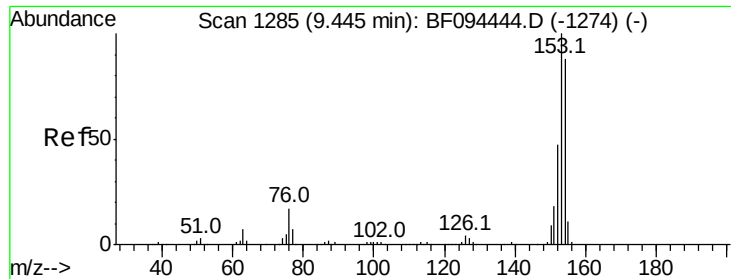


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.85 ng

RT: 9.44 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

Instrument :

BNA_F

ClientSampleId :

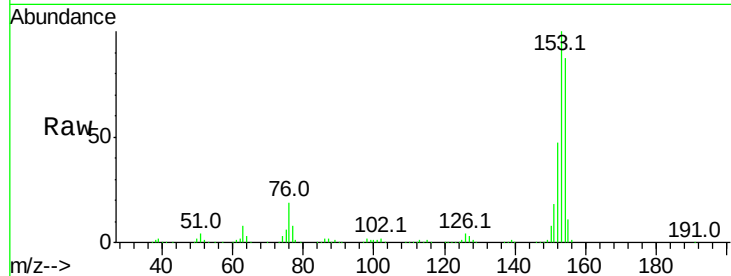
Tot Ion:154 Resp: 680442

Ion Ratio Lower Upper

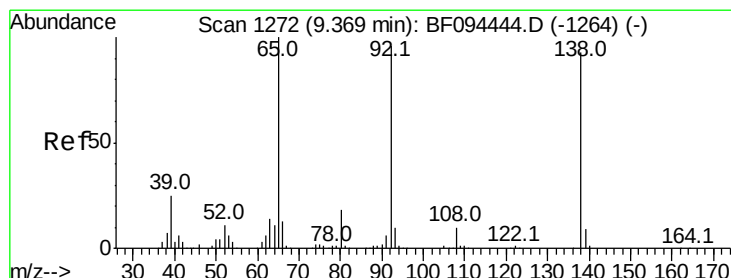
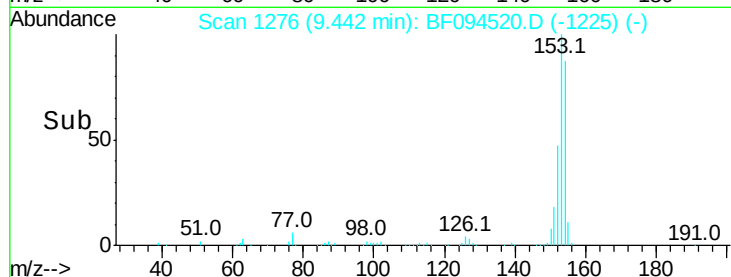
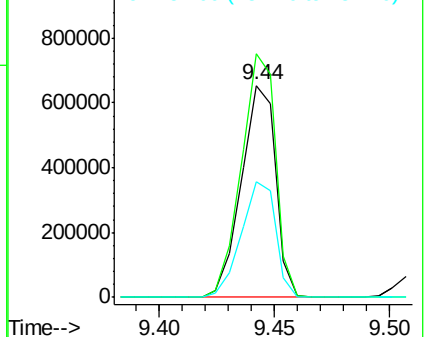
154 100

153 114.8 90.5 135.7

152 54.5 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: 20.34 ng

RT: 9.37 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

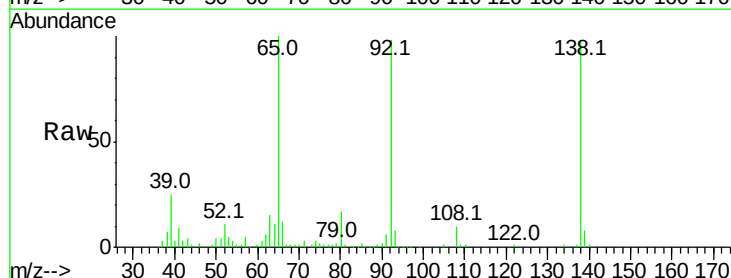
Tgt Ion:138 Resp: 94235

Ion Ratio Lower Upper

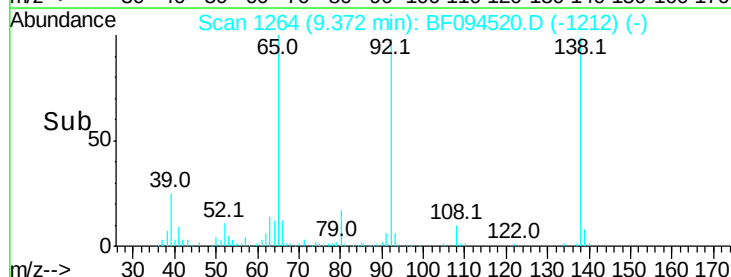
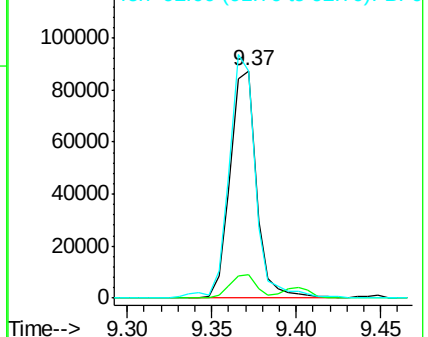
138 100

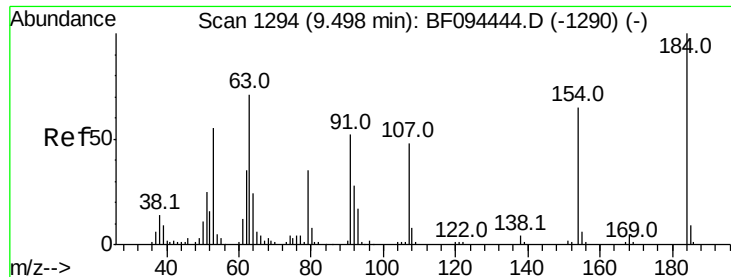
108 10.3 9.1 13.7

92 99.6 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

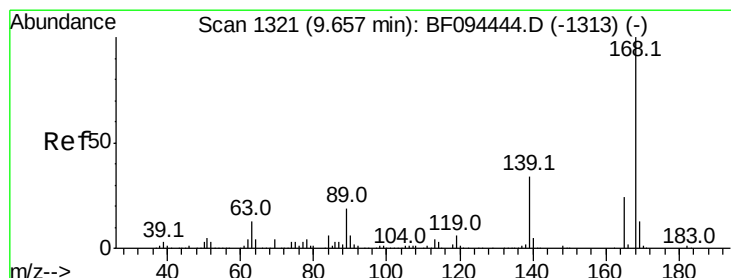
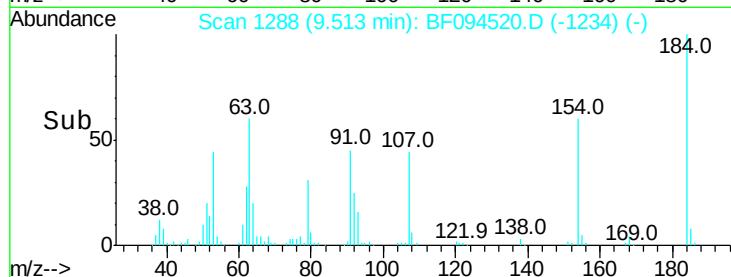
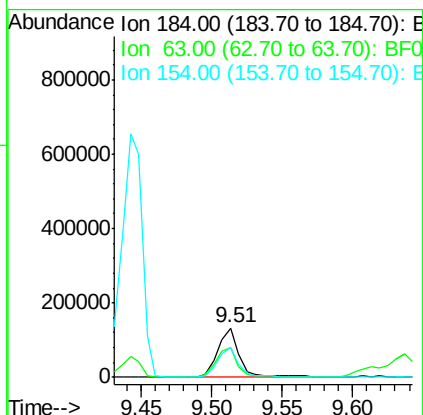
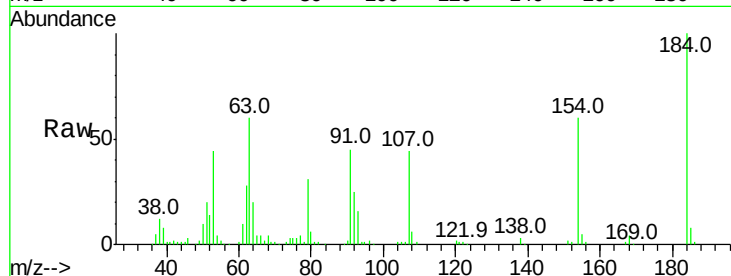




#53
 2,4-Dinitrophenol
 Concen: 67.38 ng
 RT: 9.51 min Scan# 1288
 Delta R.T. 0.01 min
 Lab File: BF094520.D
 Acq: 19 Apr 2017 17:18

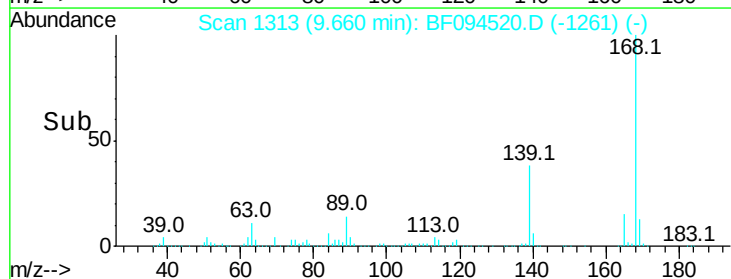
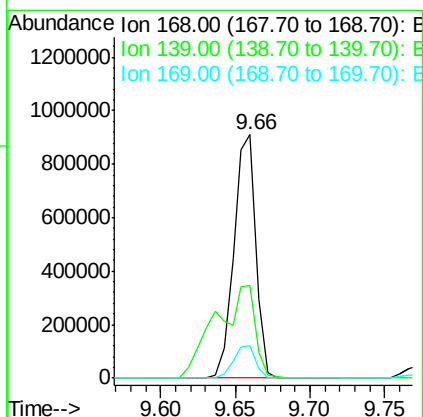
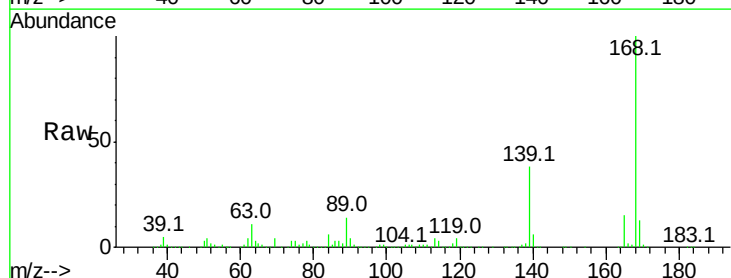
Instrument :
 BNA_F
 ClientSampled :

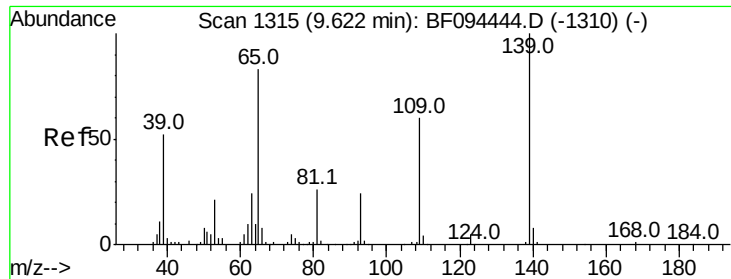
Tot Ion:184 Resp: 144304
 Ion Ratio Lower Upper
 184 100
 63 60.1 62.7 94.1#
 154 60.2 81.1 121.7#



#54
 Dibenzofuran
 Concen: 44.33 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF094520.D
 Acq: 19 Apr 2017 17:18

Tgt Ion:168 Resp: 935834
 Ion Ratio Lower Upper
 168 100
 139 38.1 30.6 45.8
 169 13.1 10.8 16.2

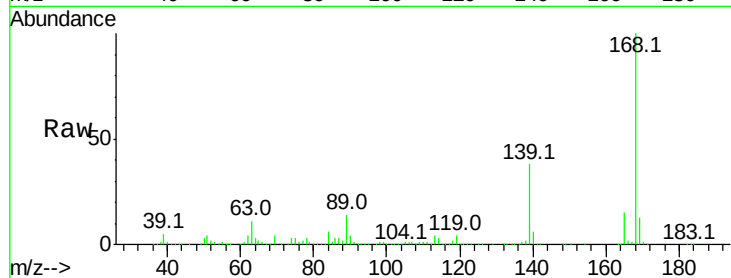




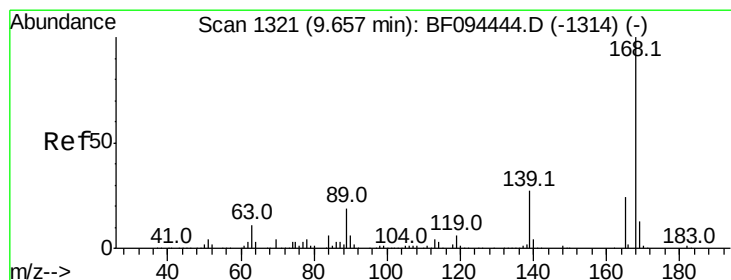
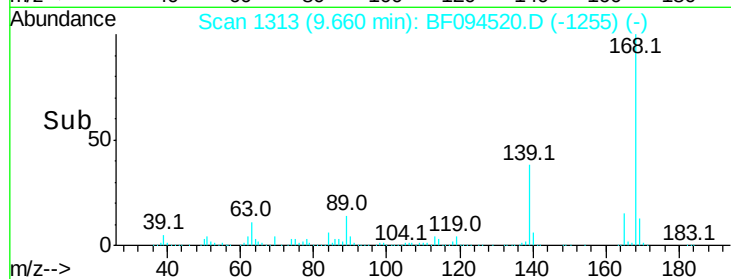
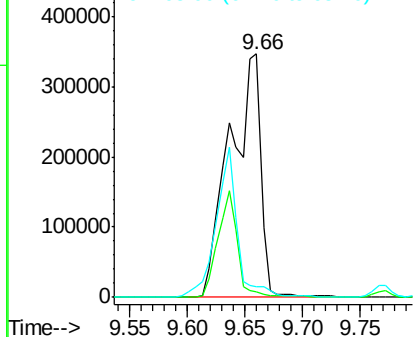
#55
4-Nitrophenol
Concen: 196.96 ng
RT: 9.66 min Scan# 1313
Delta R.T. 0.04 min
Lab File: BF094520.D
Acq: 19 Apr 2017 17:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 644790
Ion Ratio Lower Upper
139 100
109 2.1 34.1 74.1#
65 4.5 31.4 71.4#



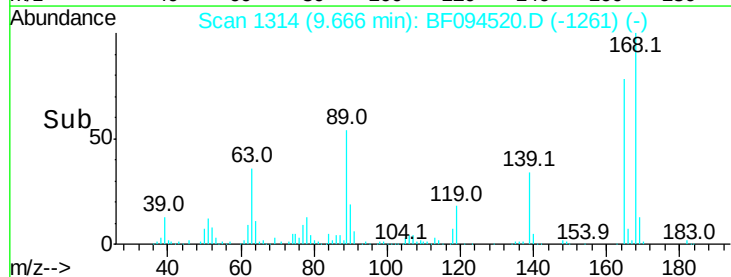
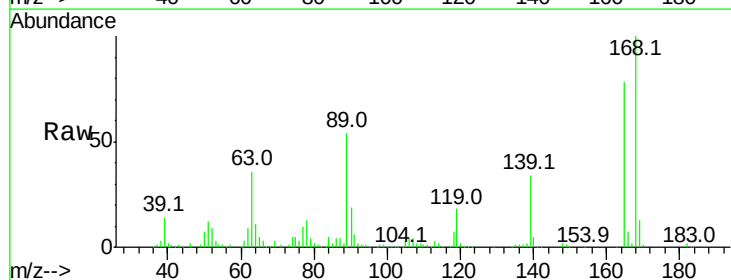
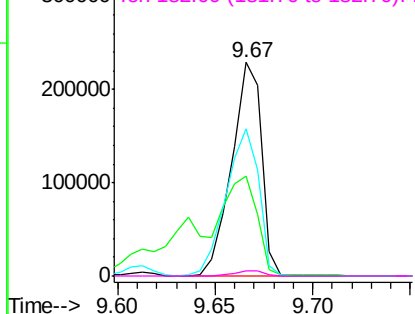
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

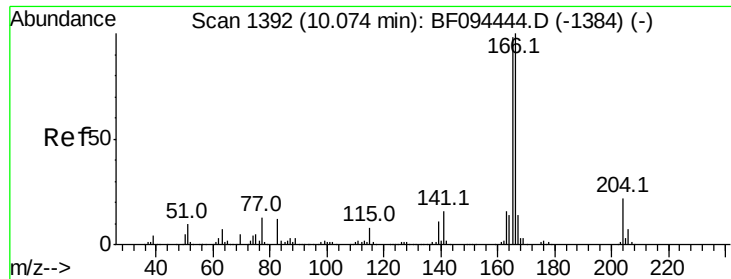


#56
2,4-Dinitrotoluene
Concen: 49.55 ng
RT: 9.67 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF094520.D
Acq: 19 Apr 2017 17:18

Tgt Ion:165 Resp: 243519
Ion Ratio Lower Upper
165 100
63 46.5 25.4 38.0#
89 68.9 46.4 69.6
182 2.5 1.8 2.6

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

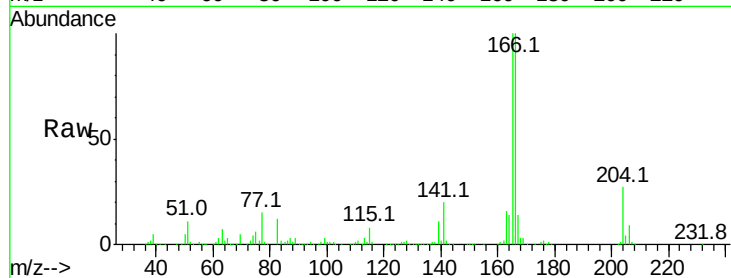




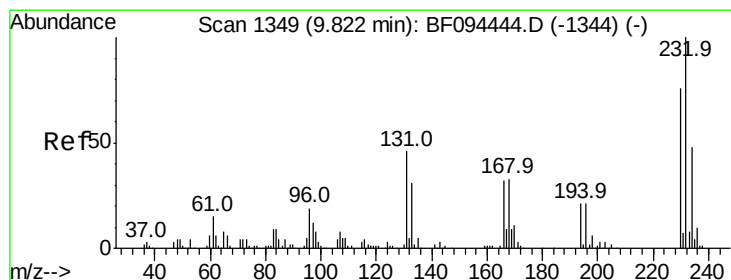
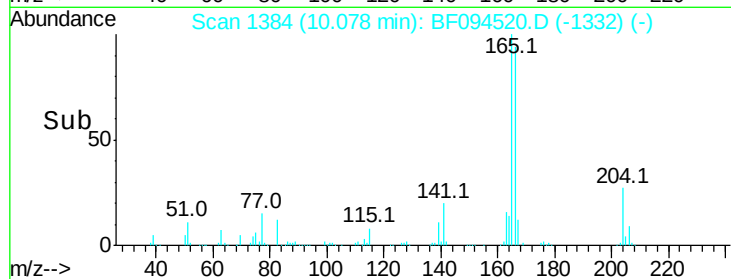
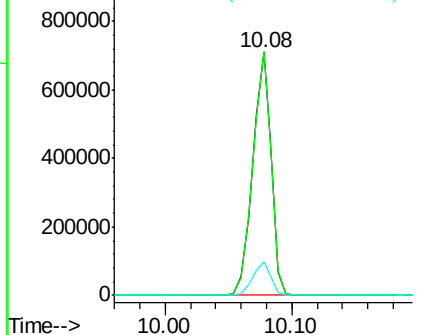
#57
Fluorene
Concen: 43.87 ng
RT: 10.08 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF094520.D
Acq: 19 Apr 2017 17:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:166 Resp: 721107
Ion Ratio Lower Upper
166 100
165 100.1 78.8 118.2
167 14.1 10.6 16.0

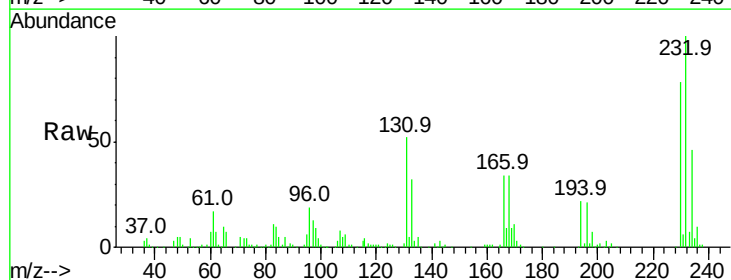


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

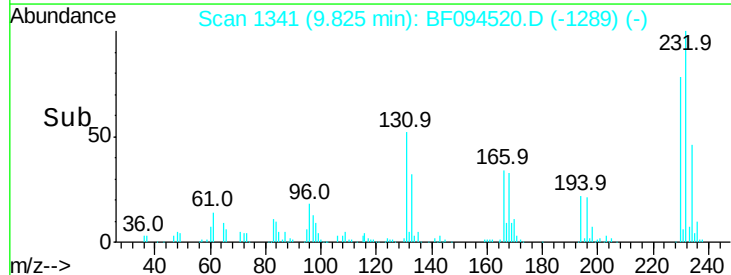
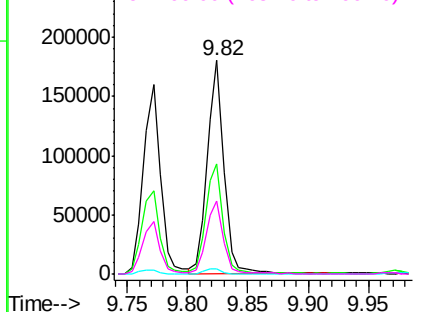


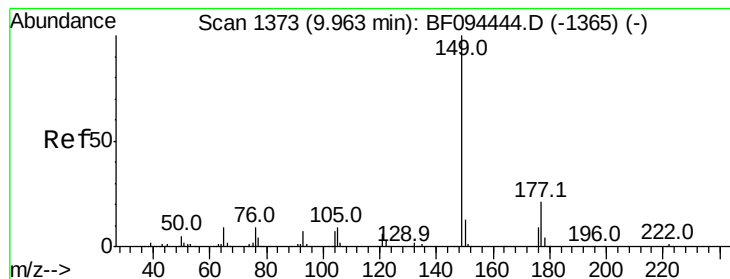
#58
2,3,4,6-Tetrachlorophenol
Concen: 49.01 ng
RT: 9.82 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF094520.D
Acq: 19 Apr 2017 17:18

Tgt Ion:232 Resp: 172721
Ion Ratio Lower Upper
232 100
131 52.0 44.8 67.2
130 2.6 2.3 3.5
166 34.5 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: 47.86 ng

RT: 9.97 min Scan# 1366

Delta R.T. 0.01 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

Instrument :

BNA_F

ClientSampled :

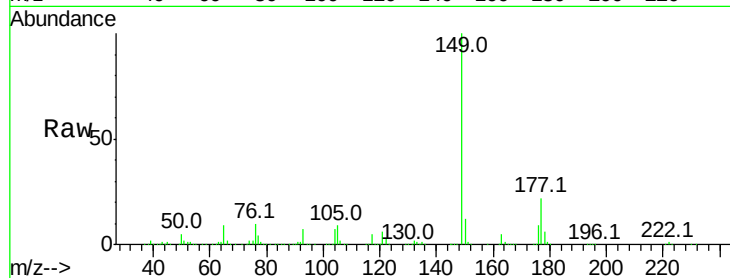
Tot Ion:149 Resp: 805826

Ion Ratio Lower Upper

149 100

177 21.7 16.7 25.1

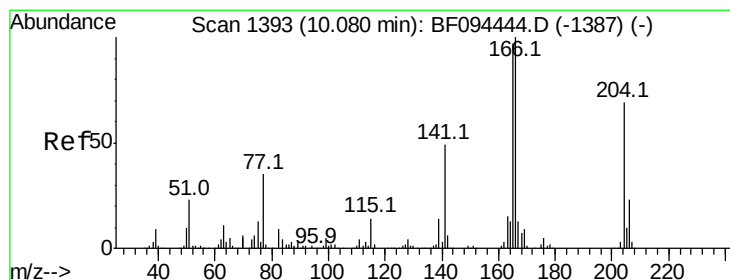
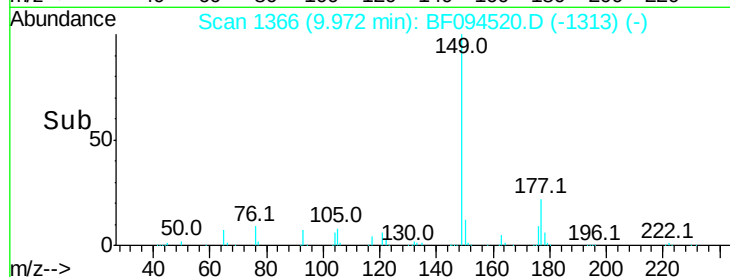
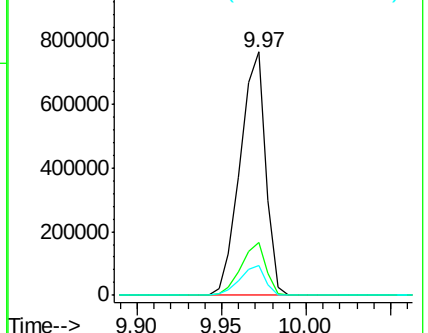
150 12.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.42 ng

RT: 10.08 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

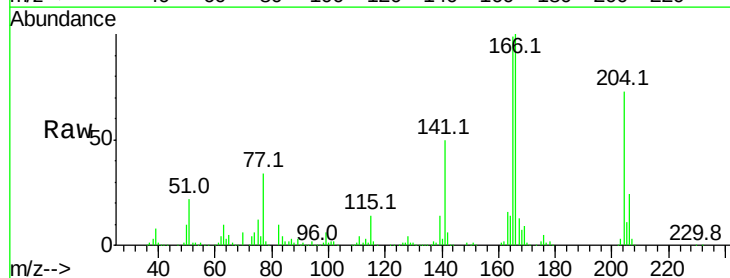
Tgt Ion:204 Resp: 317539

Ion Ratio Lower Upper

204 100

206 32.3 26.2 39.2

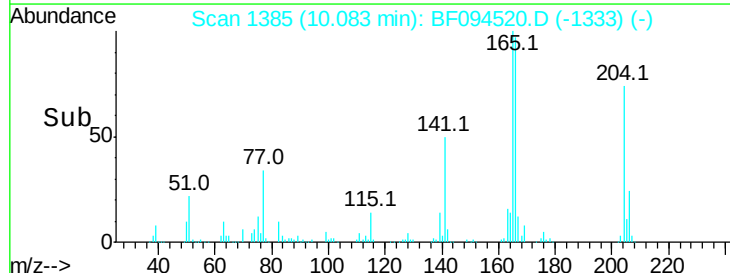
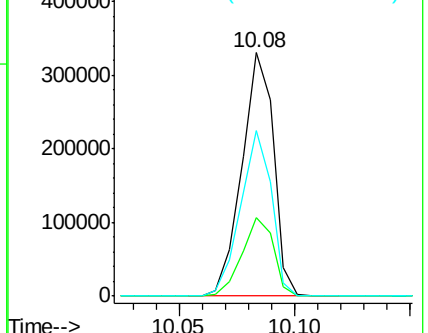
141 68.0 60.8 91.2

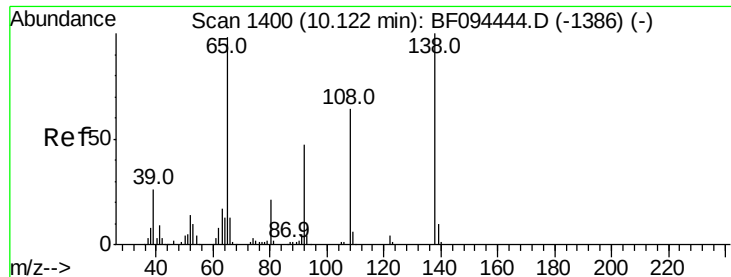


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

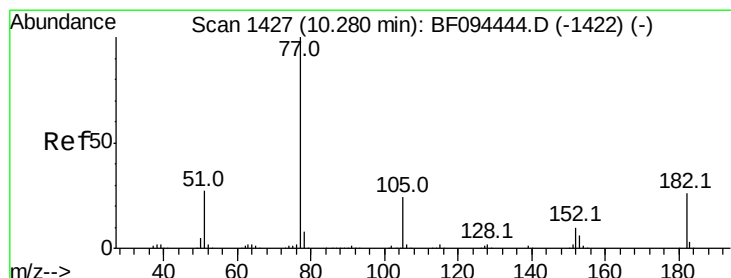
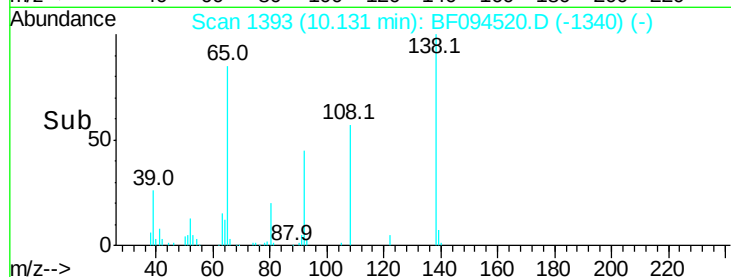
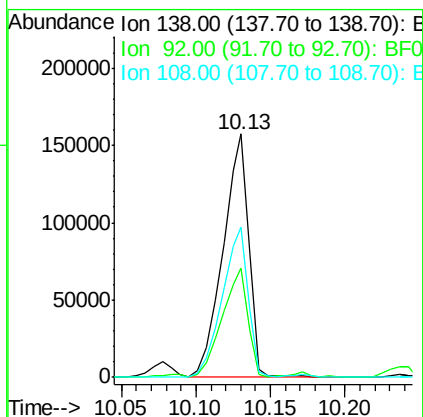
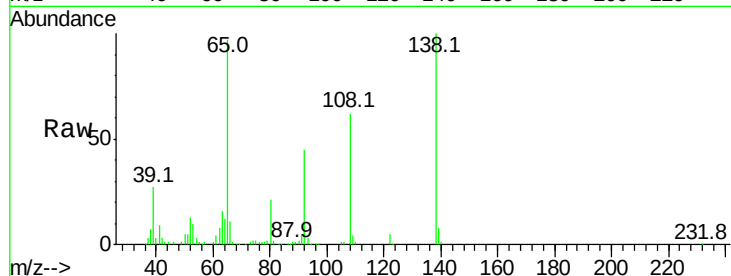




#61
4-Nitroaniline
Concen: 40.76 ng
RT: 10.13 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF094520.D
Acq: 19 Apr 2017 17:18

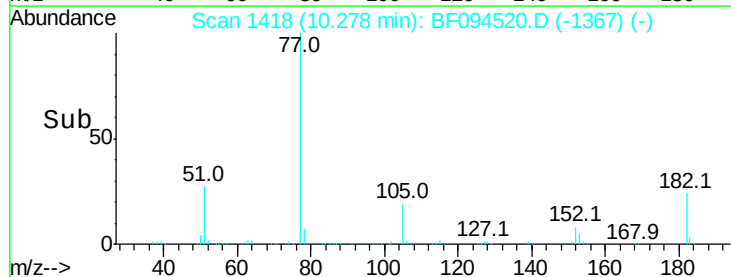
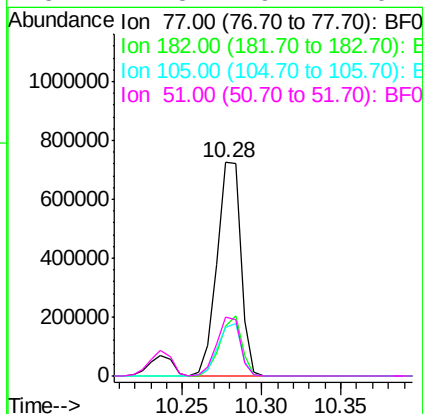
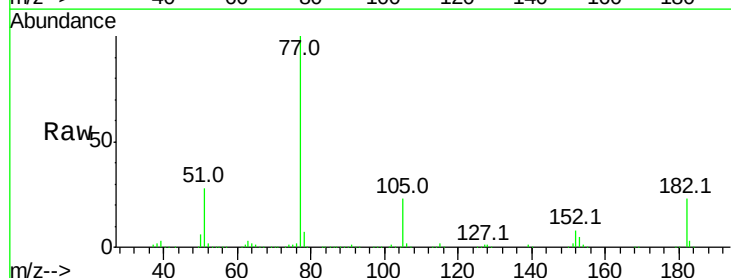
Instrument :
BNA_F
ClientSampleId :

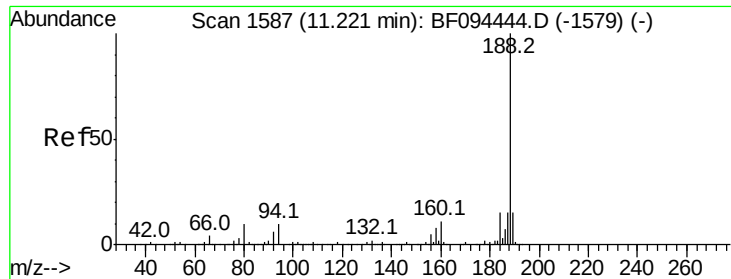
Tot Ion:138 Resp: 192007
Ion Ratio Lower Upper
138 100
92 45.1 21.8 61.8
108 61.9 42.3 82.3



#62
Azobenzene
Concen: 46.37 ng
RT: 10.28 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF094520.D
Acq: 19 Apr 2017 17:18

Tgt Ion: 77 Resp: 757996
Ion Ratio Lower Upper
77 100
182 23.4 0.1 40.1
105 22.8 3.6 43.6
51 27.8 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

Instrument :

BNA_F

ClientSampleId :

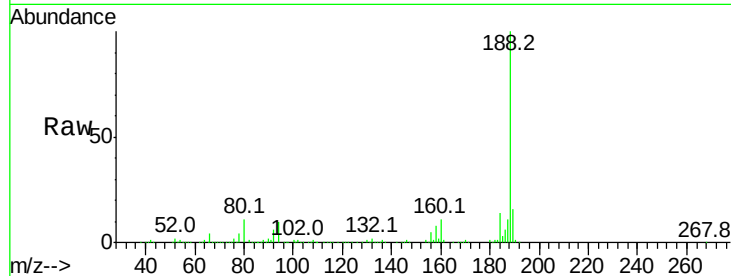
Tot Ion:188 Resp: 404905

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

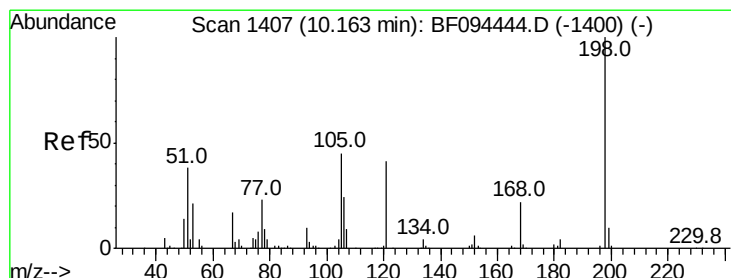
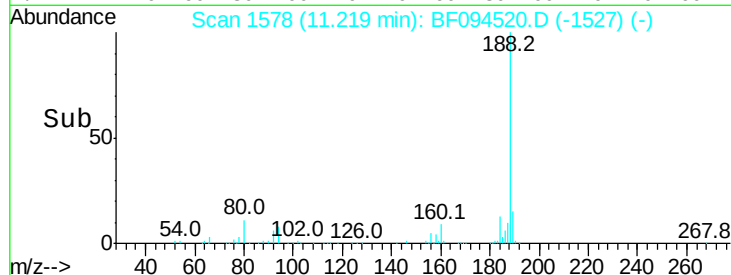
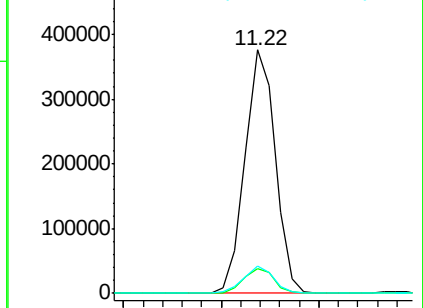
80 11.0 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 46.17 ng

RT: 10.17 min Scan# 1400

Delta R.T. 0.01 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

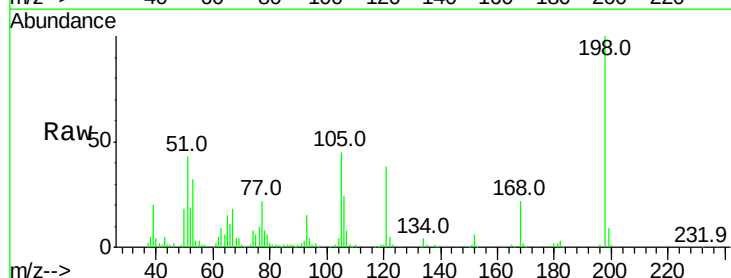
Tgt Ion:198 Resp: 122482

Ion Ratio Lower Upper

198 100

51 43.2 53.2 93.2#

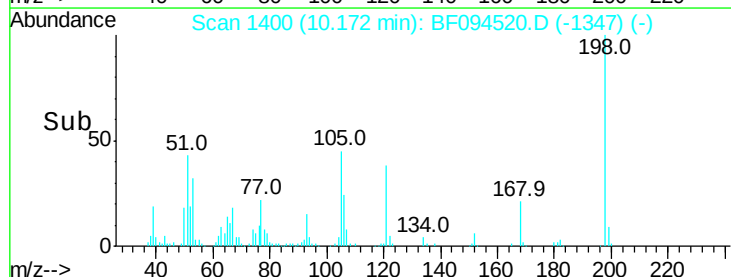
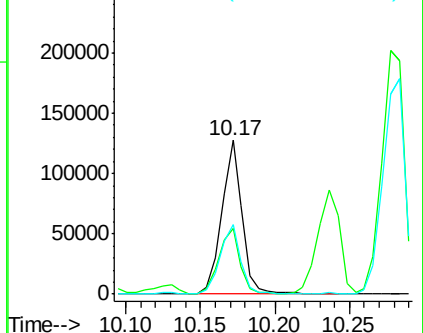
105 45.4 45.8 85.8#

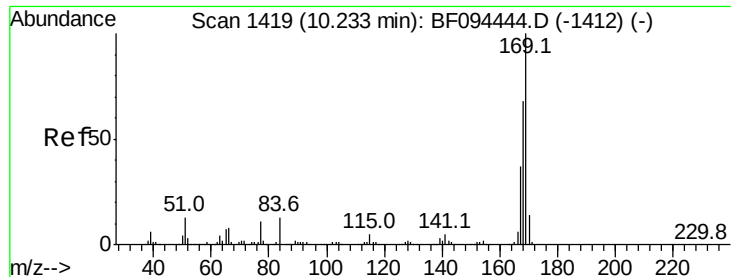


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

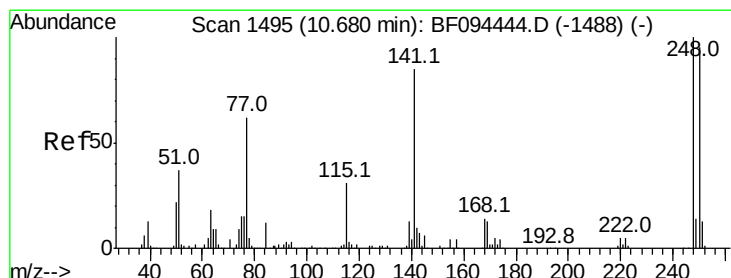
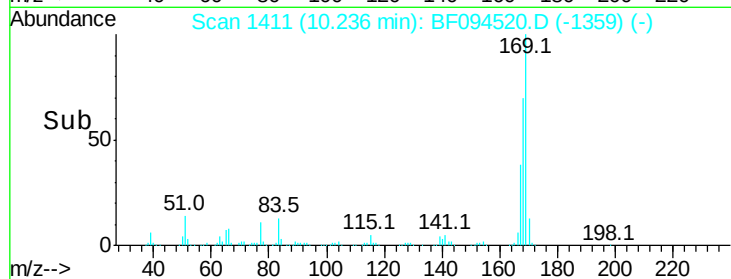
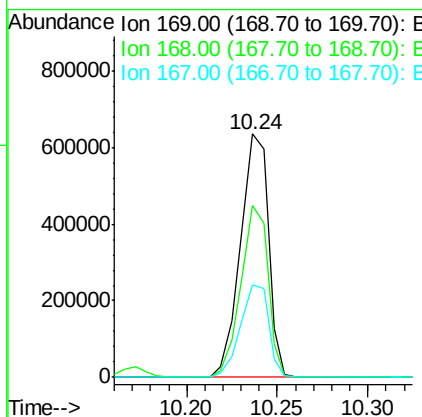
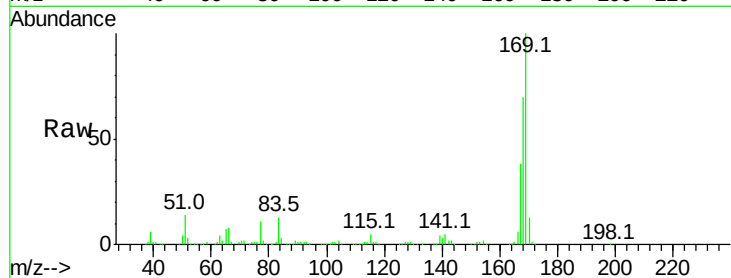




#65
 n-Nitrosodiphenylamine
 Concen: 48.63 ng
 RT: 10.24 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF094520.D
 Acq: 19 Apr 2017 17:18

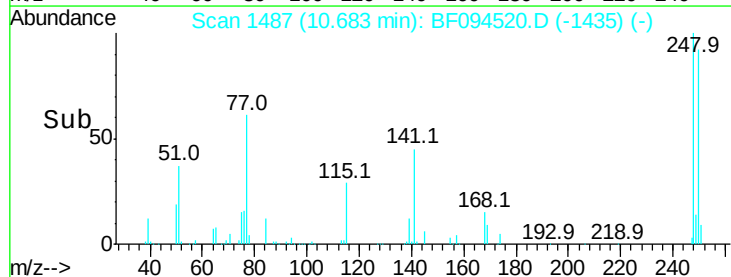
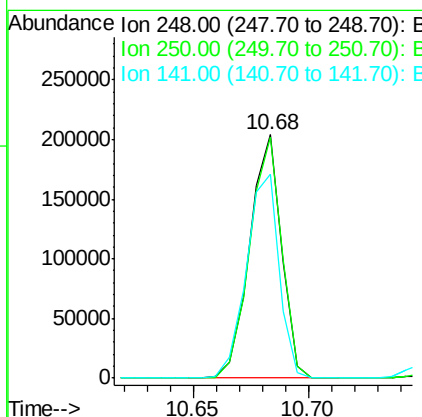
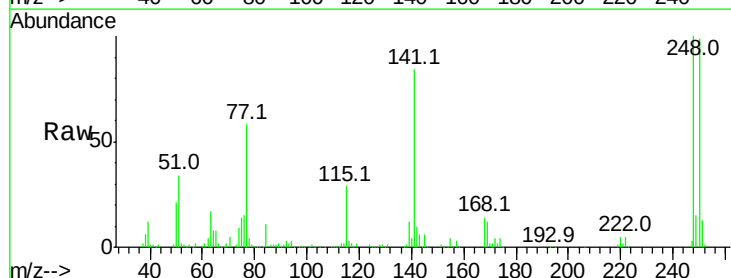
Instrument :
 BNA_F
 ClientSampleId :

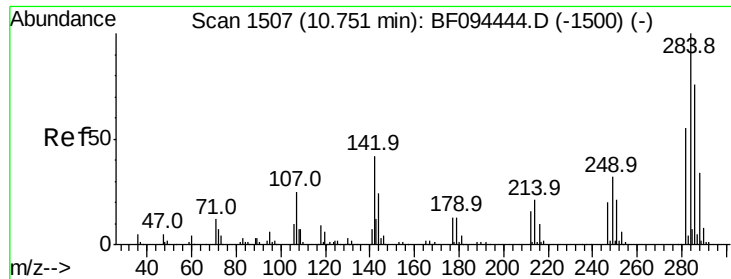
Tot Ion:169 Resp: 684798
 Ion Ratio Lower Upper
 169 100
 168 70.5 53.2 79.8
 167 37.8 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 48.81 ng
 RT: 10.68 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: BF094520.D
 Acq: 19 Apr 2017 17:18

Tgt Ion:248 Resp: 196233
 Ion Ratio Lower Upper
 248 100
 250 99.0 76.8 115.2
 141 83.6 68.6 103.0

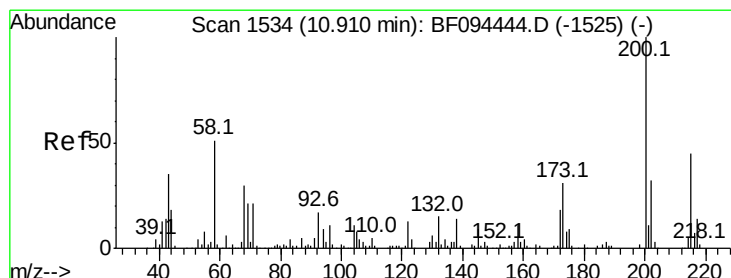
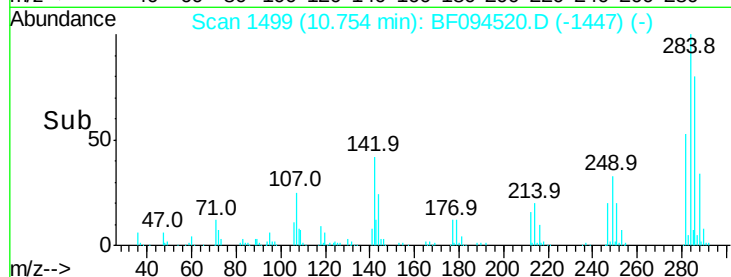
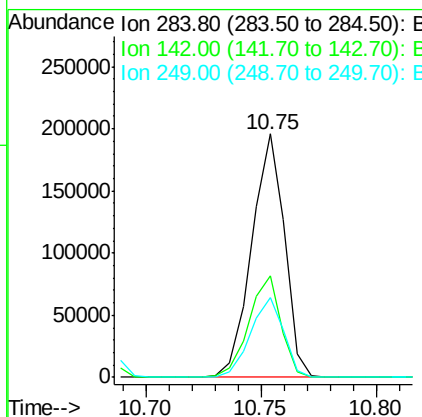
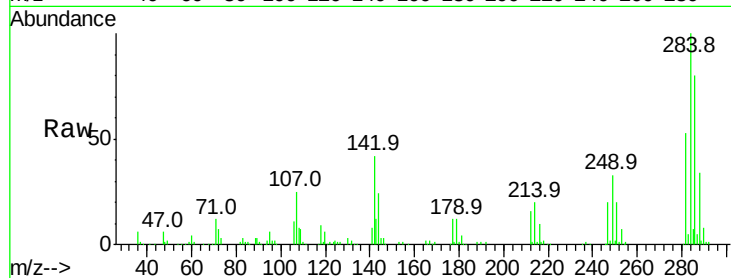




#67
Hexachlorobenzene
Concen: 47.85 ng
RT: 10.75 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF094520.D
Acq: 19 Apr 2017 17:18

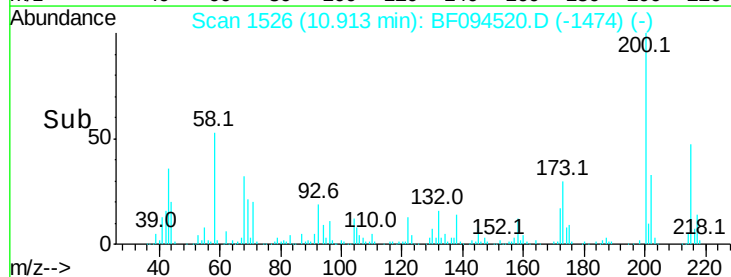
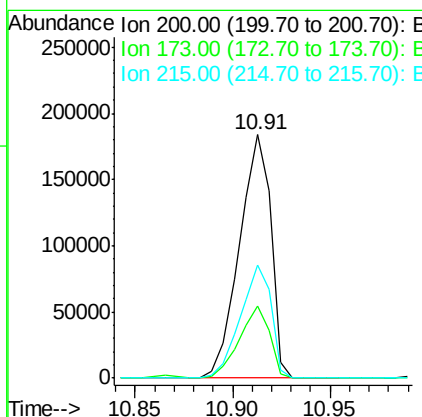
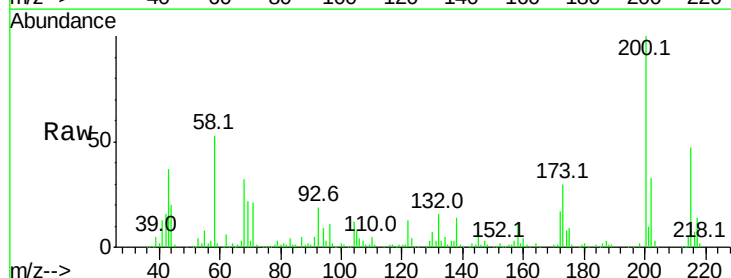
Instrument :
BNA_F
ClientSampleId :

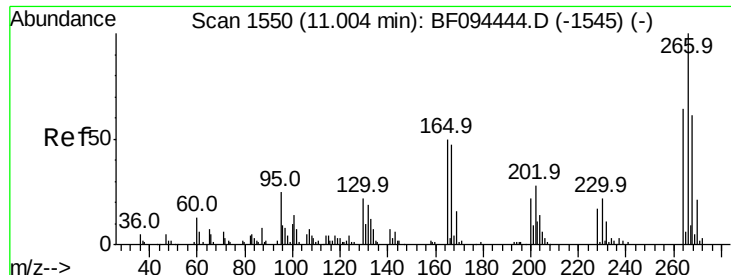
Tot Ion:284 Resp: 193890
Ion Ratio Lower Upper
284 100
142 41.7 22.8 34.2#
249 32.6 24.0 36.0



#68
Atrazine
Concen: 48.67 ng
RT: 10.91 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BF094520.D
Acq: 19 Apr 2017 17:18

Tgt Ion:200 Resp: 205018
Ion Ratio Lower Upper
200 100
173 29.6 6.3 46.3
215 46.5 27.2 67.2

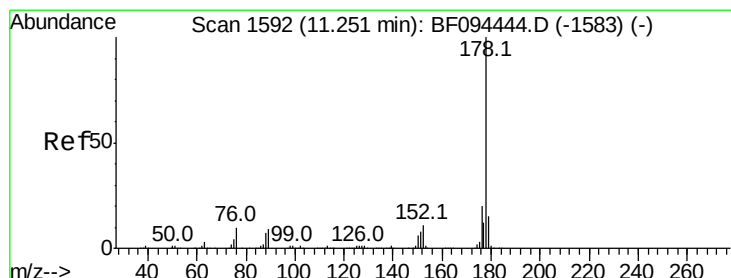
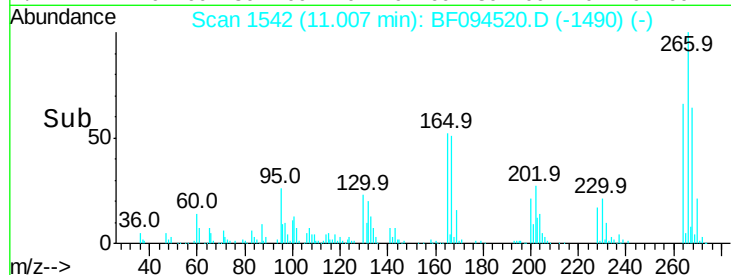
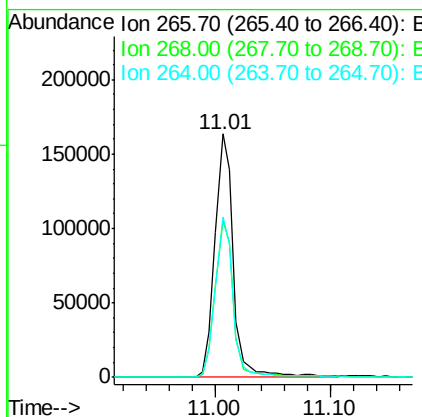
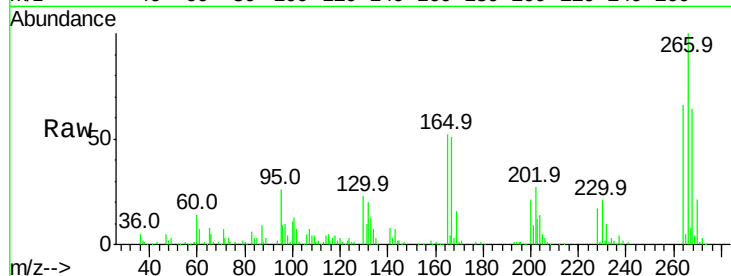




#69
 Pentachlorophenol
 Concen: 113.43 ng
 RT: 11.01 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BF094520.D
 Acq: 19 Apr 2017 17:18

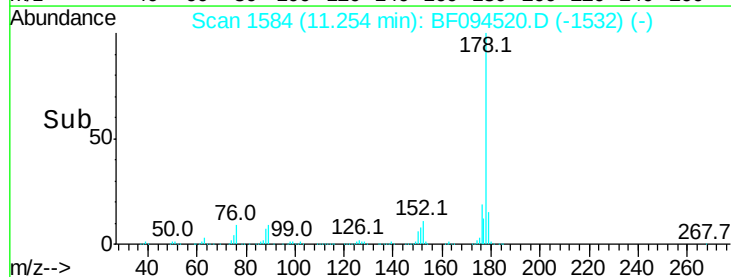
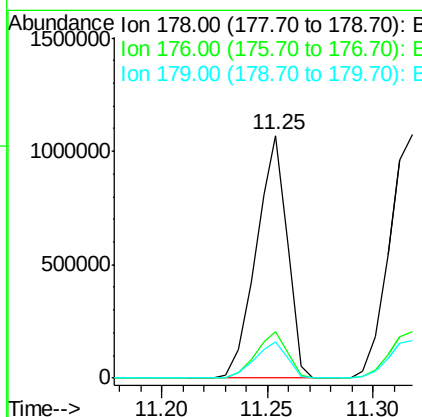
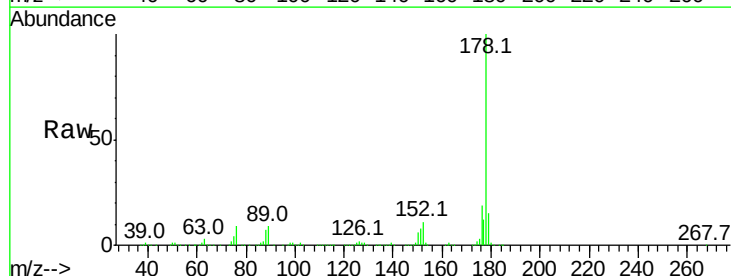
Instrument :
 BNA_F
 ClientSampled :

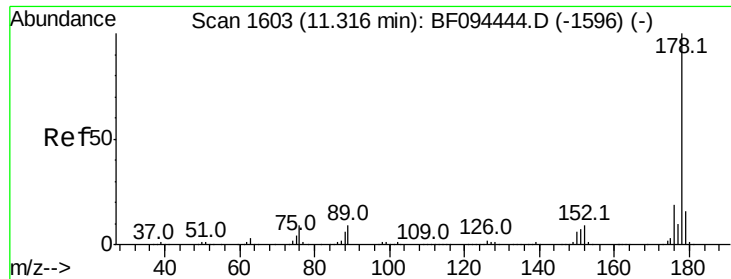
Tot Ion:266 Resp: 182489
 Ion Ratio Lower Upper
 266 100
 268 64.5 51.1 76.7
 264 65.7 51.7 77.5



#70
 Phenanthrene
 Concen: 47.68 ng
 RT: 11.25 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF094520.D
 Acq: 19 Apr 2017 17:18

Tgt Ion:178 Resp: 1087208
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.2 24.4
 179 15.1 12.6 19.0

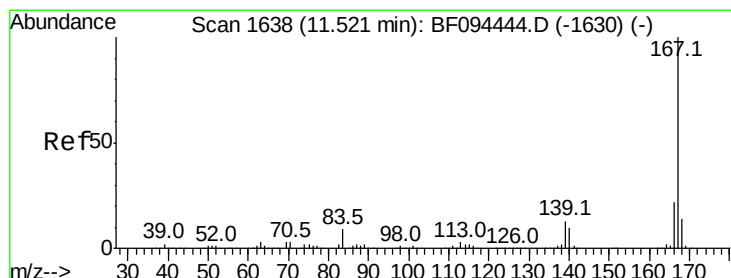
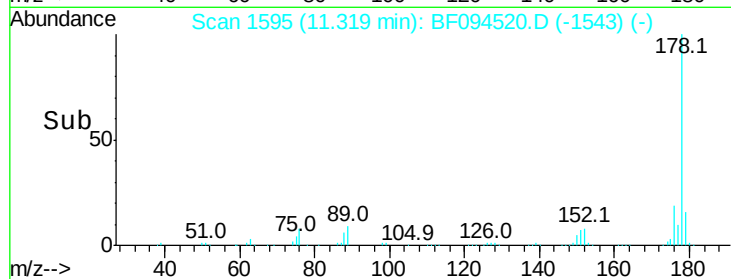
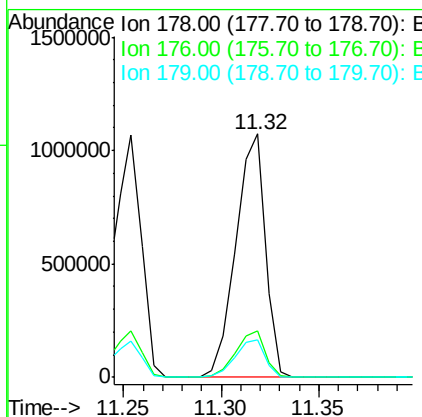
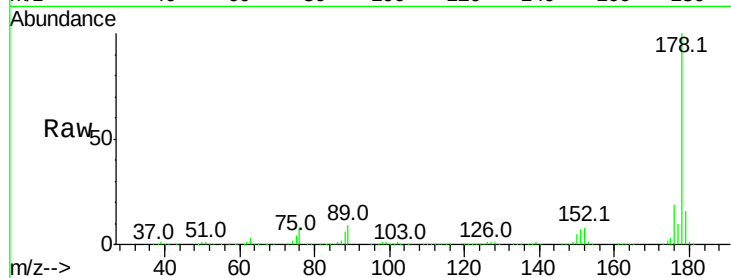




#71
 Anthracene
 Concen: 47.69 ng
 RT: 11.32 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF094520.D
 Acq: 19 Apr 2017 17:18

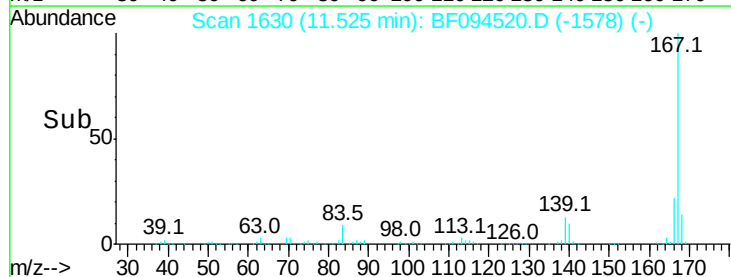
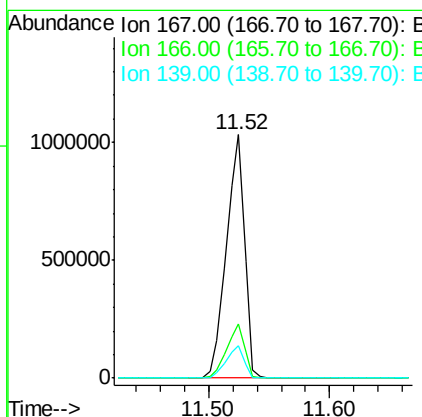
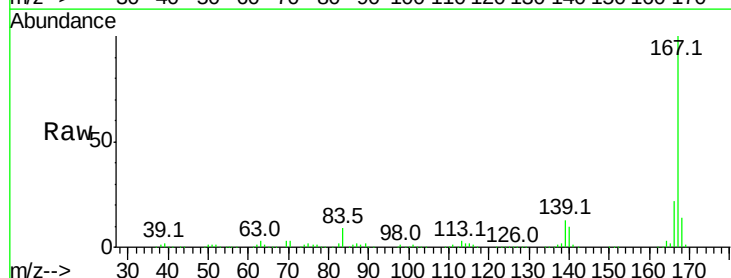
Instrument :
 BNA_F
 ClientSampleId :

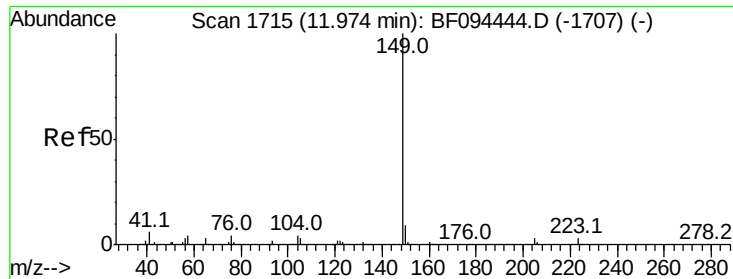
Tot Ion:178 Resp: 1124869
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 48.68 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094520.D
 Acq: 19 Apr 2017 17:18

Tgt Ion:167 Resp: 1077618
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.4 11.7 17.5





#73

Di-n-butylphthalate

Concen: 52.56 ng

RT: 11.97 min Scan# 1706

Delta R.T. -0.00 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

Instrument :

BNA_F

ClientSampleId :

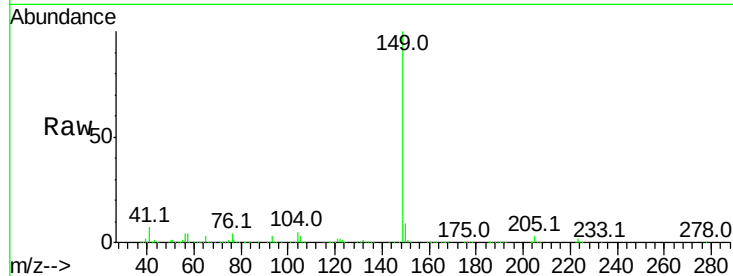
Tot Ion:149 Resp: 1281030

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

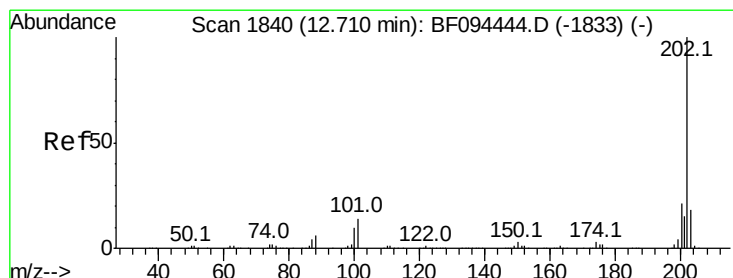
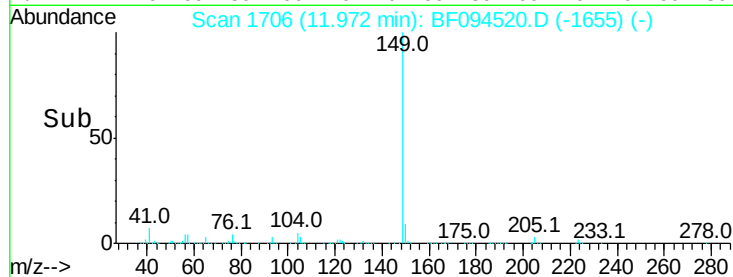
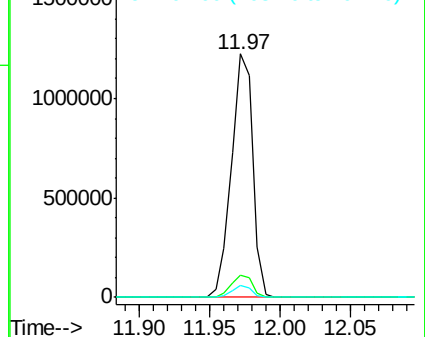
104 4.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.76 ng

RT: 12.71 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

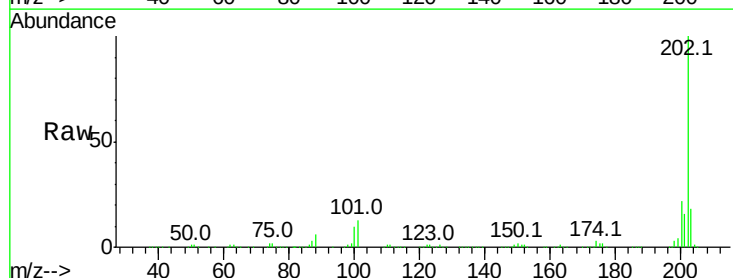
Tgt Ion:202 Resp: 1152247

Ion Ratio Lower Upper

202 100

101 13.5 0.0 33.2

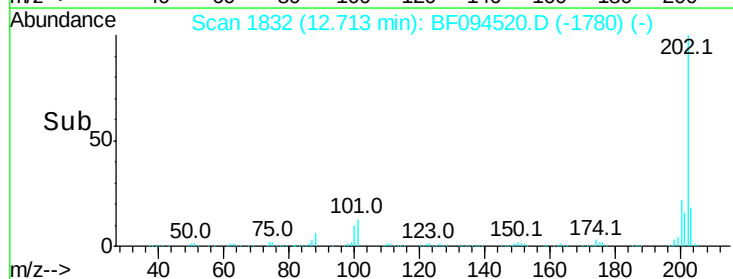
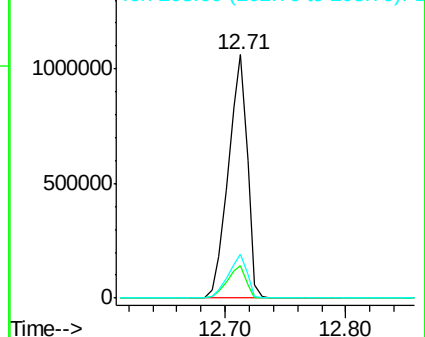
203 17.8 0.0 38.1

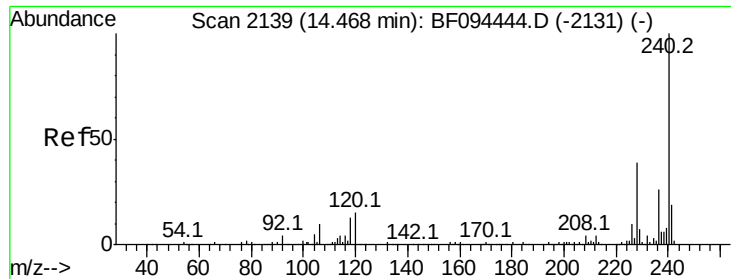


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

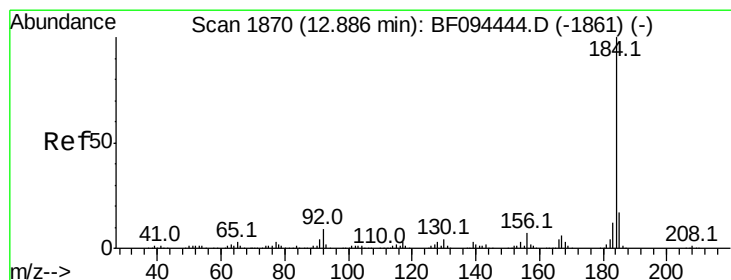
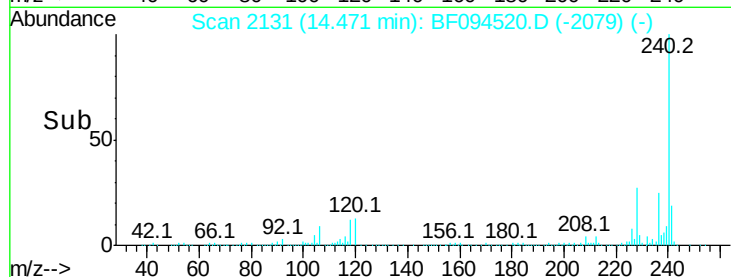
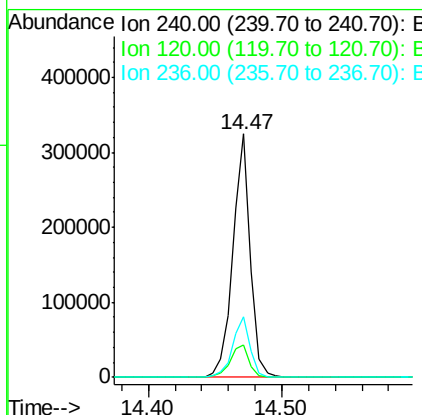
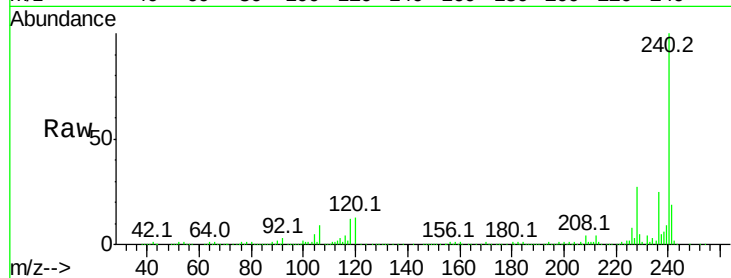




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BF094520.D
Acq: 19 Apr 2017 17:18

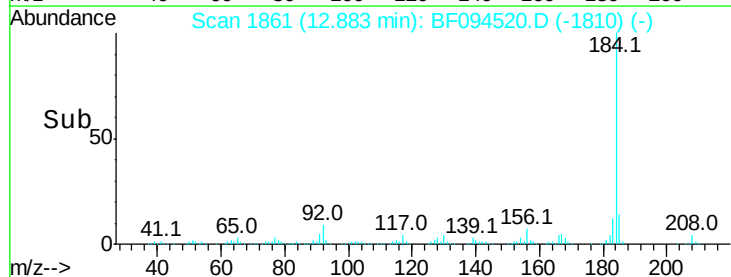
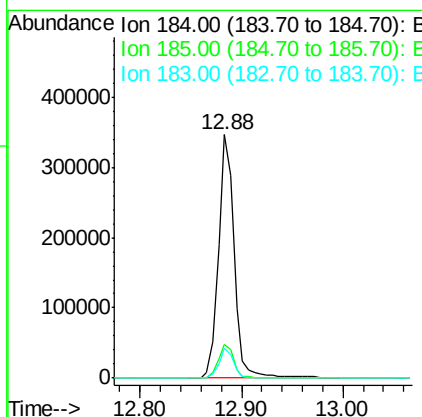
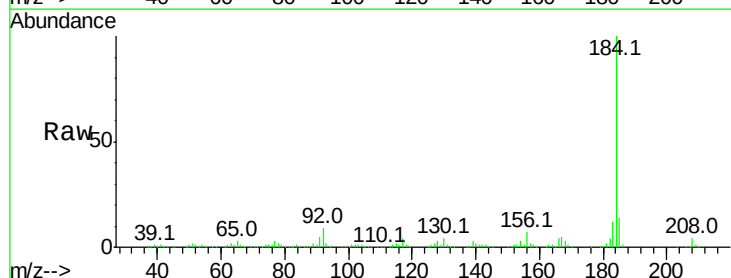
Instrument :
BNA_F
ClientSampleId :

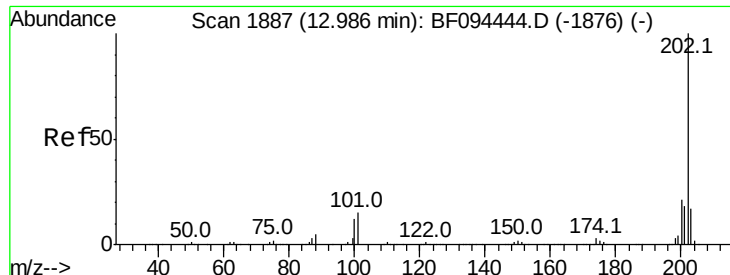
Tot Ion:240 Resp: 296728
Ion Ratio Lower Upper
240 100
120 13.1 5.8 8.8#
236 24.9 20.5 30.7



#76
Benzidine
Concen: 31.29 ng
RT: 12.88 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BF094520.D
Acq: 19 Apr 2017 17:18

Tgt Ion:184 Resp: 375893
Ion Ratio Lower Upper
184 100
185 14.1 15.5 23.3#
183 12.0 9.8 14.6





#77

Pvrene

Concen: 54.46 ng

RT: 12.99 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

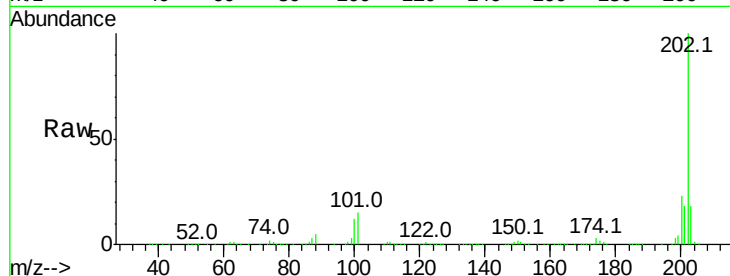
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1129012

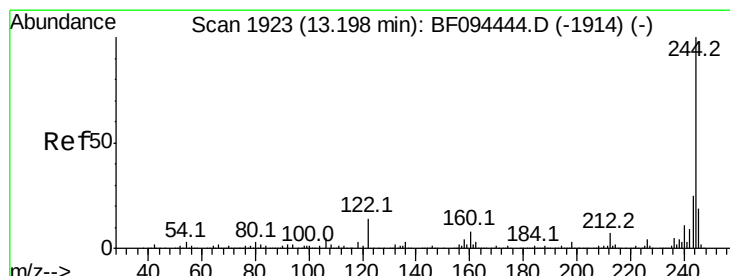
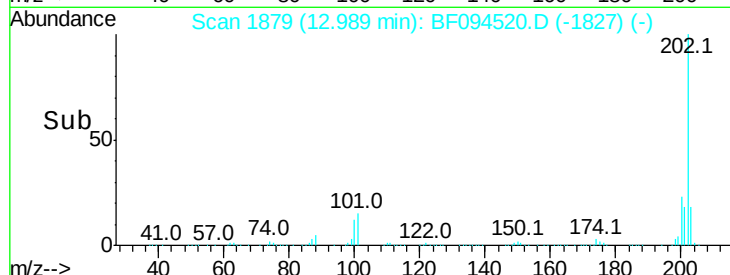
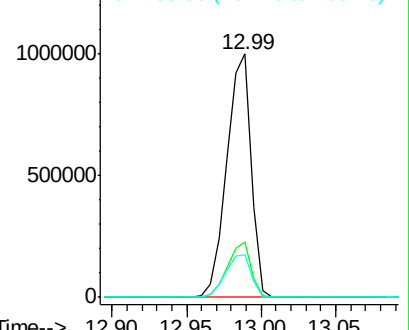
Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.6	26.4
203	17.6	14.4	21.6



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: 111.91 ng

RT: 13.20 min Scan# 1915

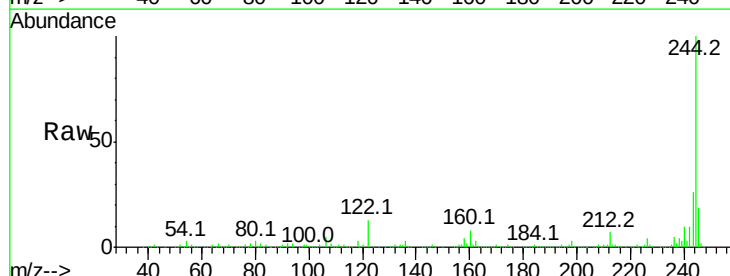
Delta R.T. 0.00 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

Tgt Ion:244 Resp: 1242291

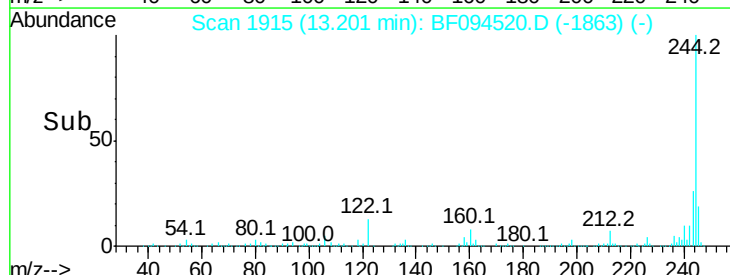
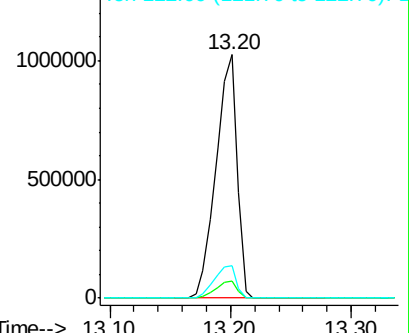
Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.1	10.3	15.5

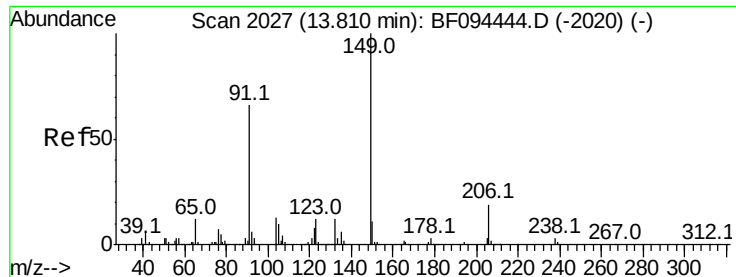


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

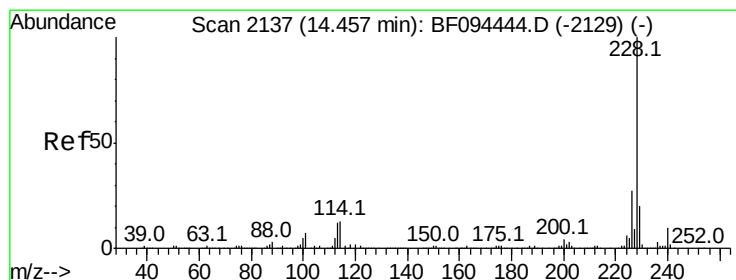
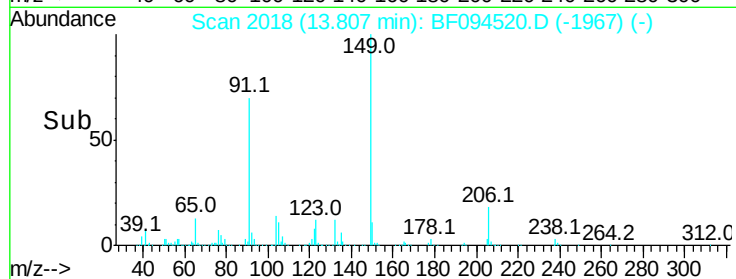
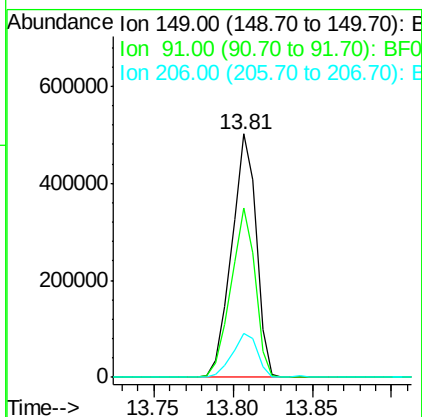
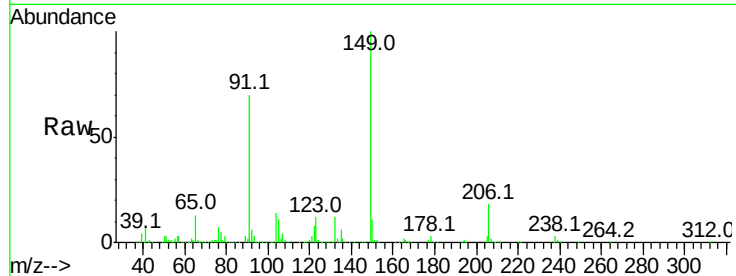




#79
Butylbenzylphthalate
Concen: 59.38 ng
RT: 13.81 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF094520.D
Acq: 19 Apr 2017 17:18

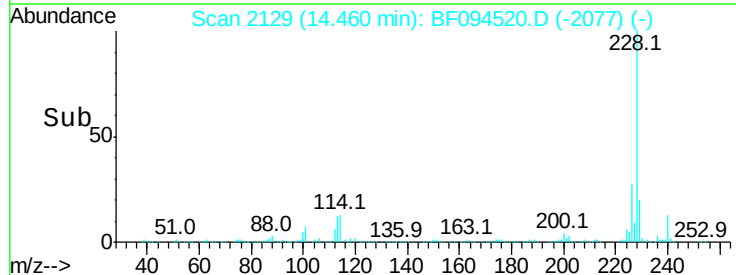
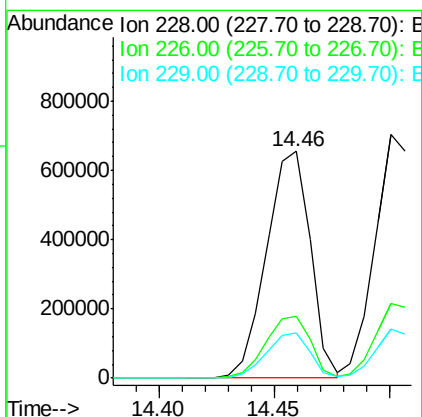
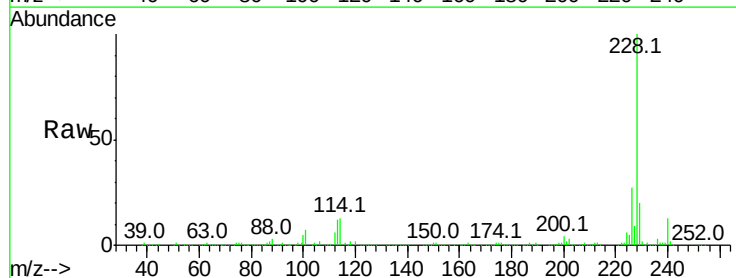
Instrument :
BNA_F
ClientSampleId :

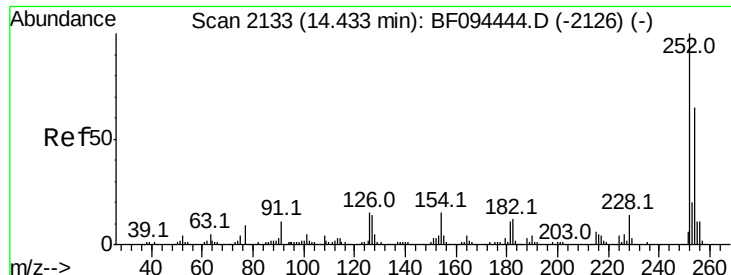
Tot Ion:149 Resp: 539503
Ion Ratio Lower Upper
149 100
91 69.8 45.0 67.4#
206 18.0 17.0 25.6



#80
Benzo(a)anthracene
Concen: 50.01 ng
RT: 14.46 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF094520.D
Acq: 19 Apr 2017 17:18

Tgt Ion:228 Resp: 862437
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.7 16.3 24.5

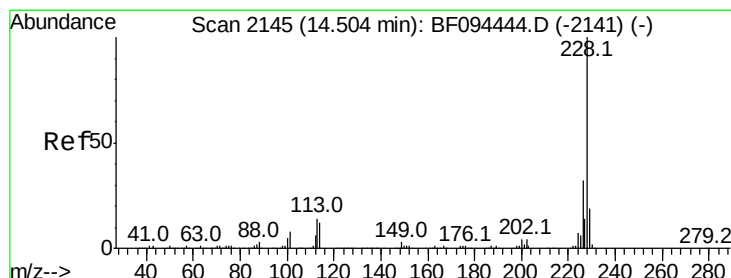
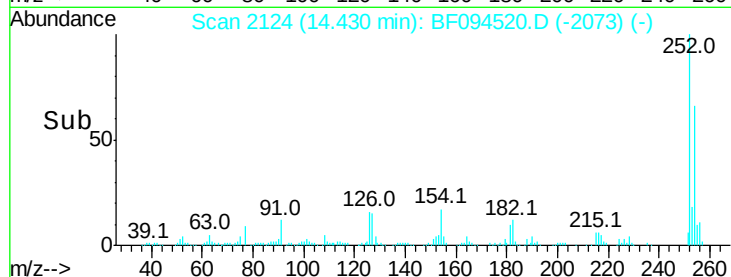
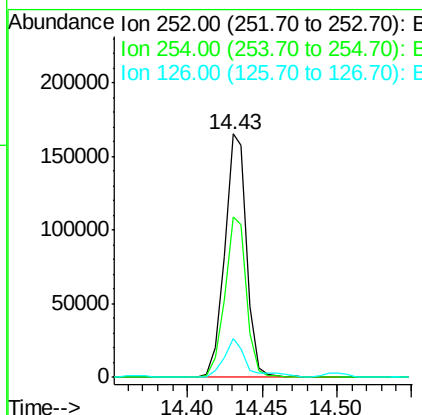
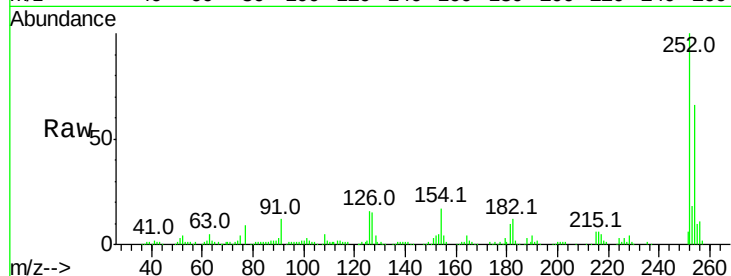




#81
 3,3'-Dichlorobenzidine
 Concen: 28.23 ng
 RT: 14.43 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BF094520.D
 Acq: 19 Apr 2017 17:18

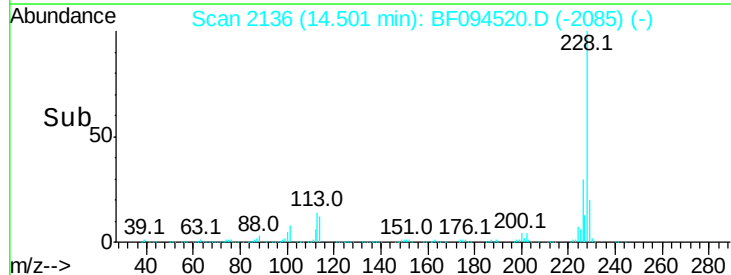
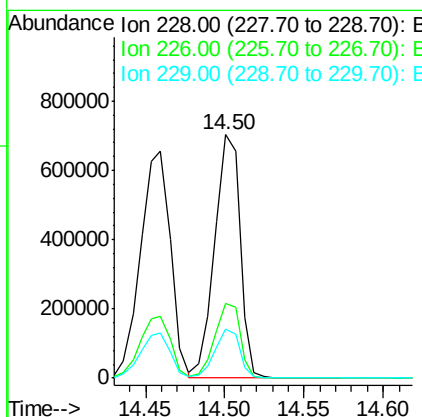
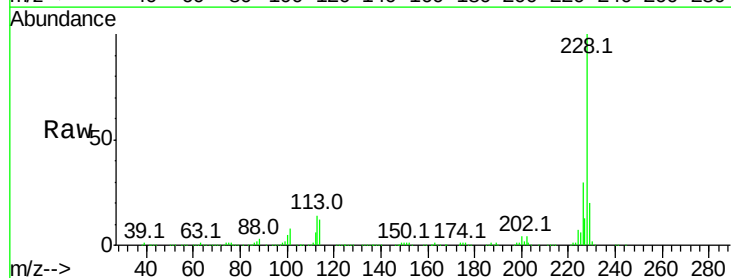
Instrument :
 BNA_F
 ClientSampleId :

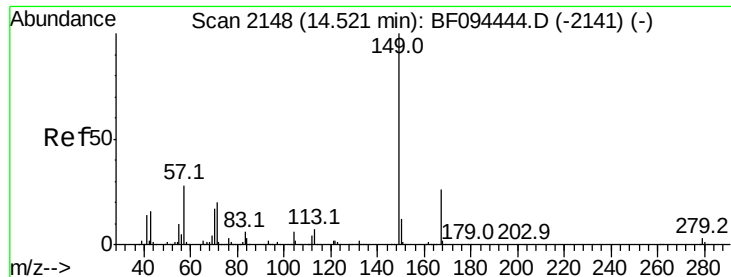
Tot Ion:252 Resp: 172381
 Ion Ratio Lower Upper
 252 100
 254 65.9 51.5 77.3
 126 16.0 15.8 23.8



#82
 Chrysene
 Concen: 49.94 ng
 RT: 14.50 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BF094520.D
 Acq: 19 Apr 2017 17:18

Tgt Ion:228 Resp: 787157
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.9 37.3
 229 20.1 15.8 23.6

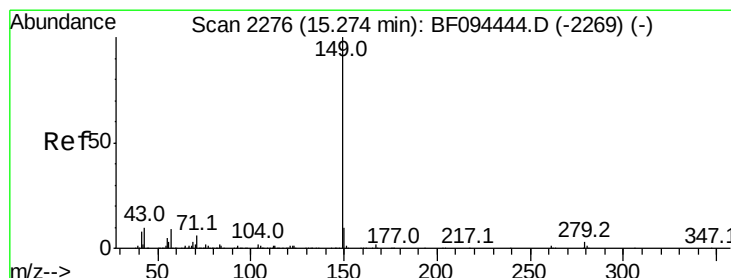
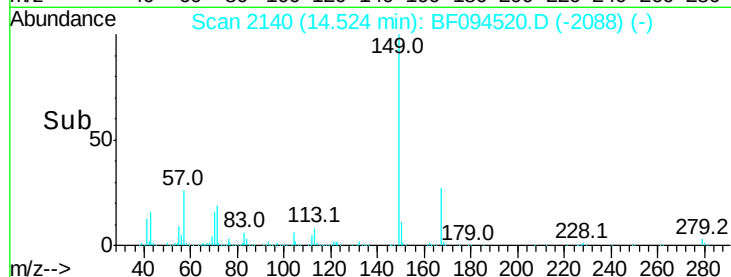
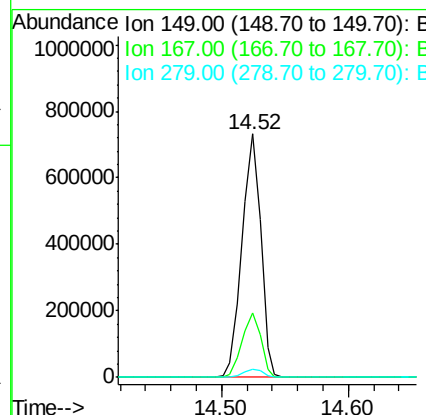
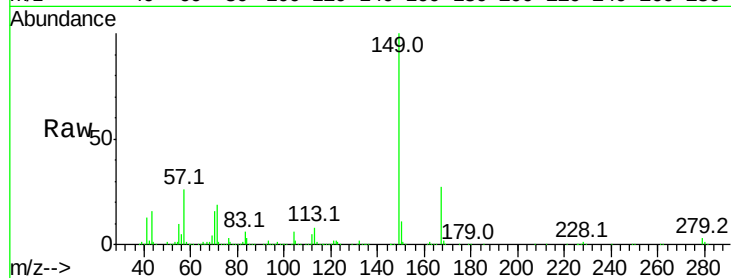




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 61.21 ng
 RT: 14.52 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BF094520.D
 Acq: 19 Apr 2017 17:18

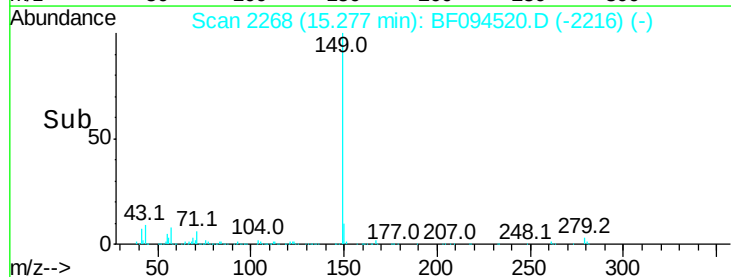
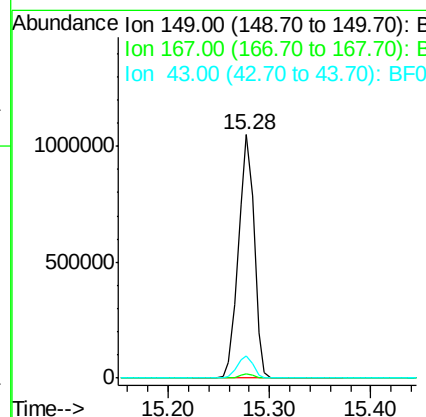
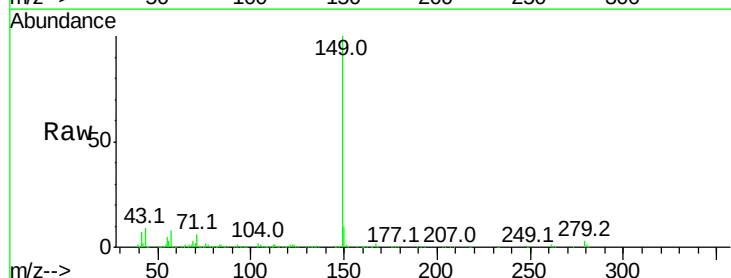
Instrument :
 BNA_F
 ClientSampled :

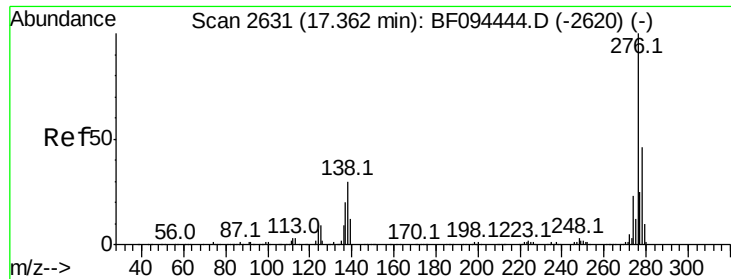
Tot Ion:149 Resp: 746704
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.0 31.4
 279 3.1 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 55.38 ng
 RT: 15.28 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF094520.D
 Acq: 19 Apr 2017 17:18

Tgt Ion:149 Resp: 1133273
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.1 8.5 12.7

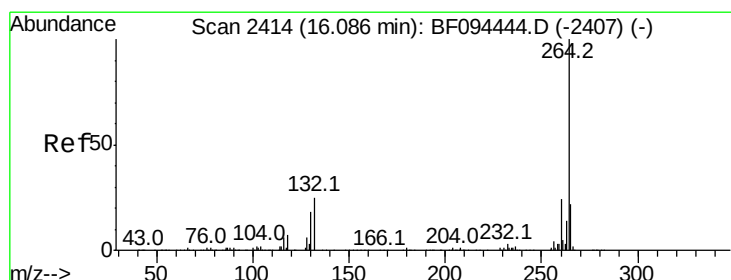
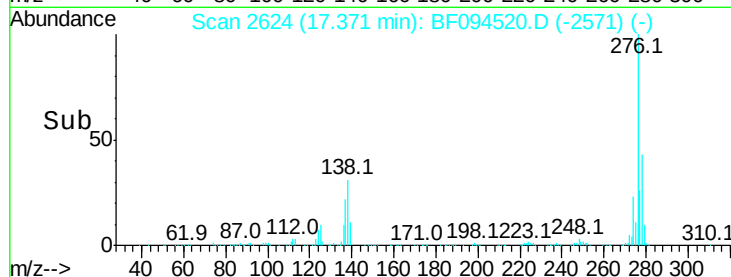
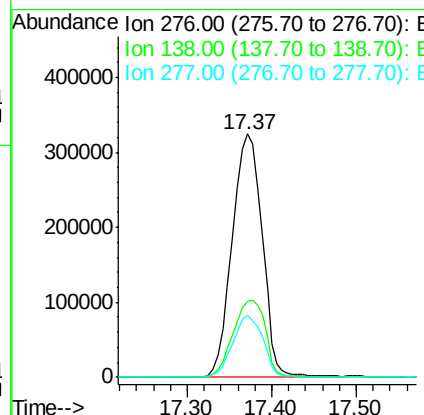
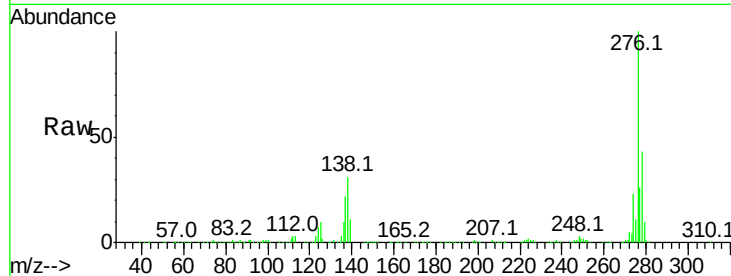




#85
Indeno(1,2,3-cd)pyrene
Concen: 53.15 ng
RT: 17.37 min Scan# 2624
Delta R.T. 0.01 min
Lab File: BF094520.D
Acq: 19 Apr 2017 17:18

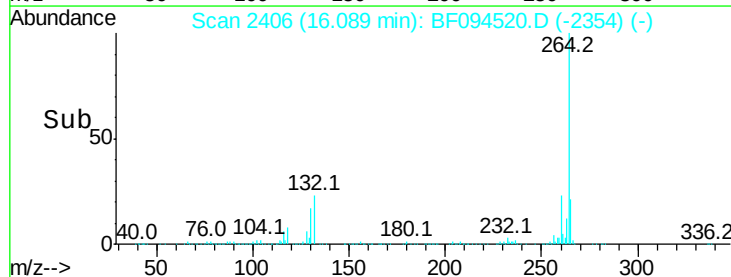
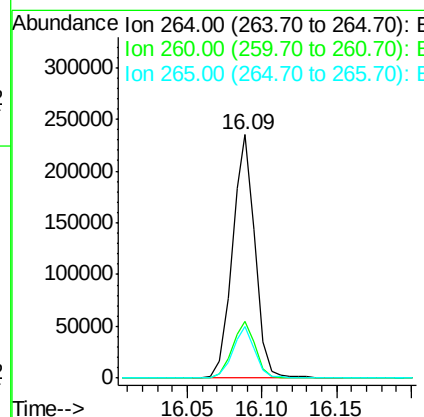
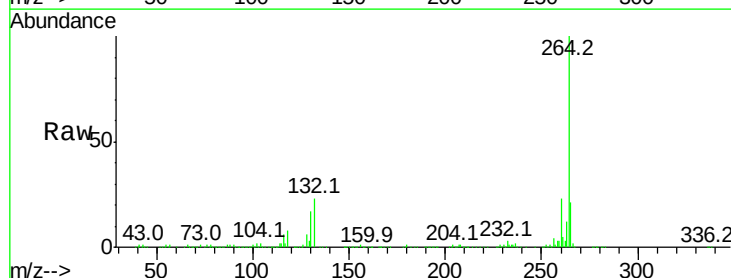
Instrument :
BNA_F
ClientSampleId :

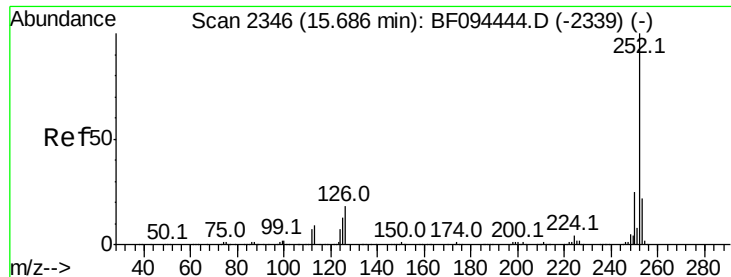
Tot Ion:276 Resp: 797074
Ion Ratio Lower Upper
276 100
138 34.3 27.8 41.6
277 25.9 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BF094520.D
Acq: 19 Apr 2017 17:18

Tgt Ion:264 Resp: 250014
Ion Ratio Lower Upper
264 100
260 23.3 19.5 29.3
265 21.4 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 49.92 ng

RT: 15.69 min Scan# 2339

Delta R.T. 0.01 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

Instrument :

BNA_F

ClientSampleId :

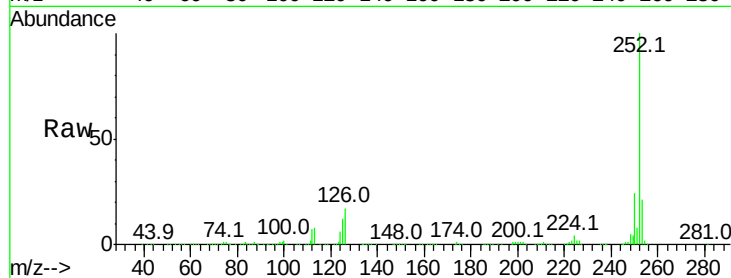
Tot Ion:252 Resp: 763504

Ion Ratio Lower Upper

252 100

253 21.1 18.1 27.1

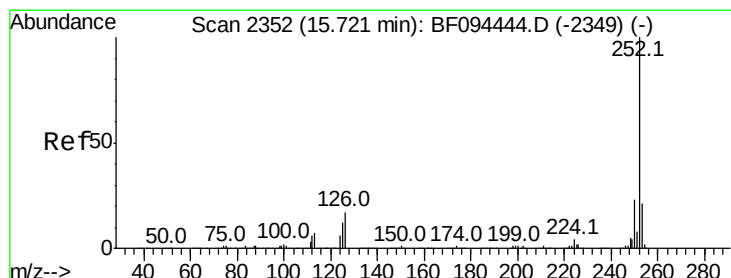
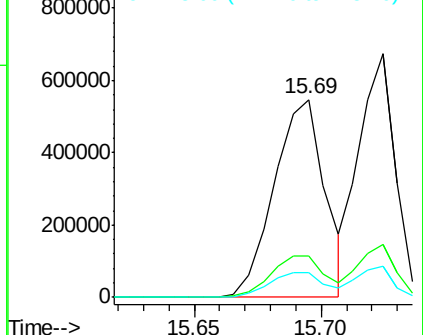
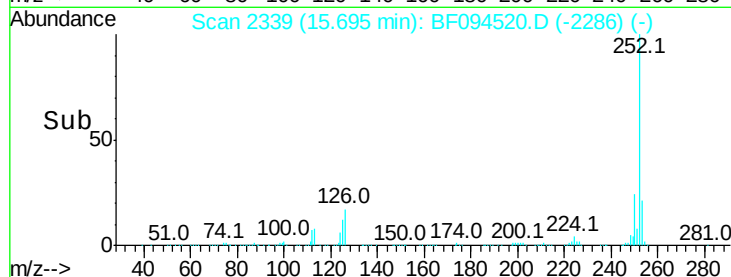
125 12.4 9.8 14.8



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: 46.60 ng

RT: 15.72 min Scan# 2344

Delta R.T. 0.00 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

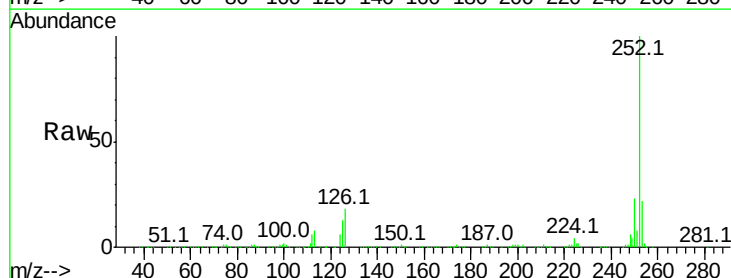
Tgt Ion:252 Resp: 674453

Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

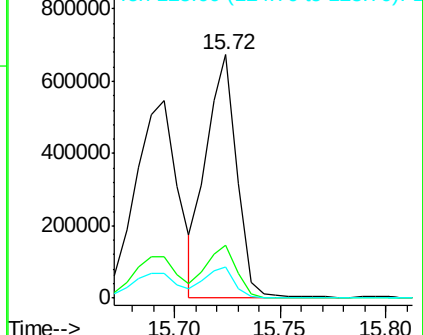
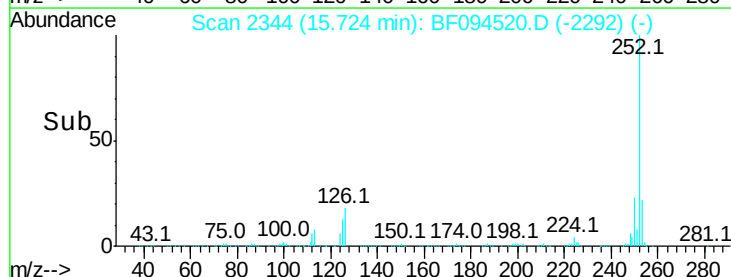
125 12.6 13.1 19.7#

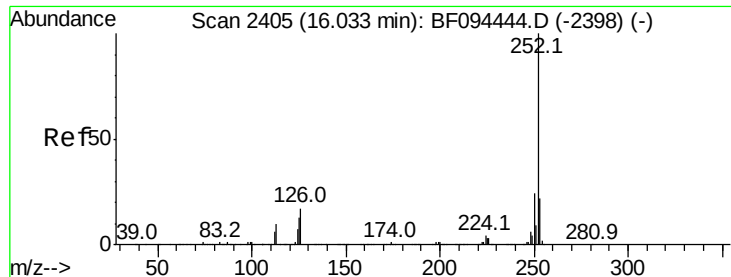


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

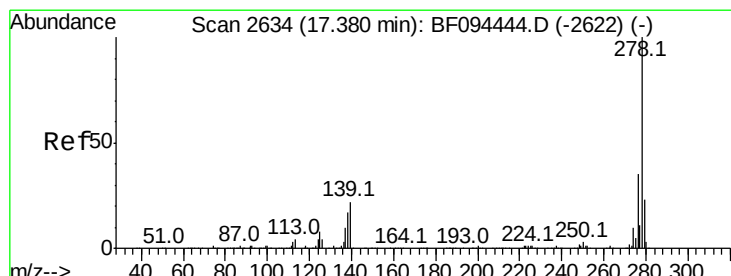
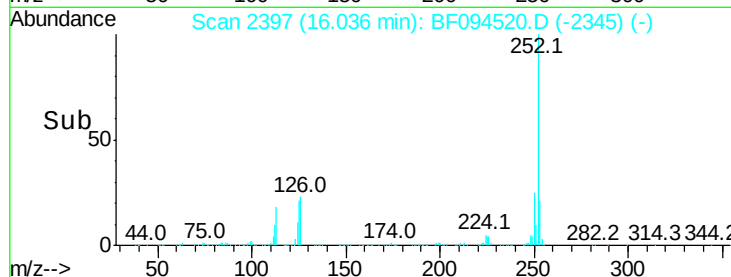
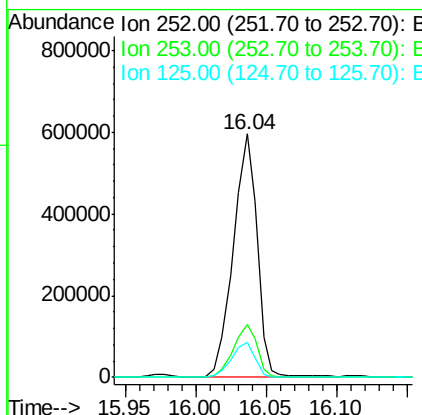
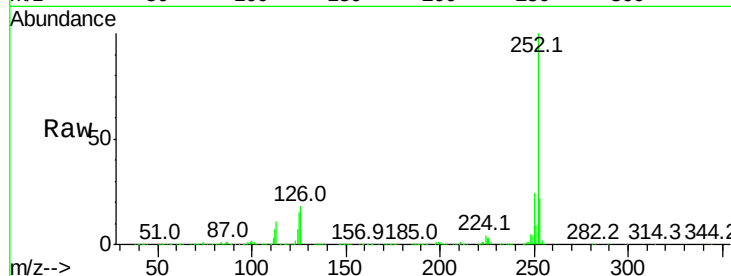




#89
Benzo(a)pyrene
Concen: 49.15 ng
RT: 16.04 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BF094520.D
Acq: 19 Apr 2017 17:18

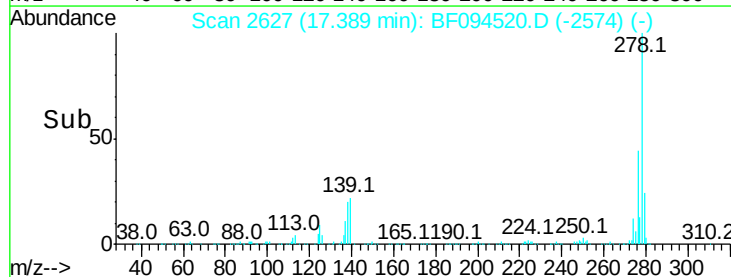
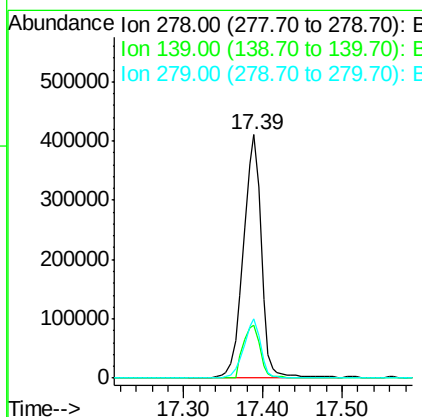
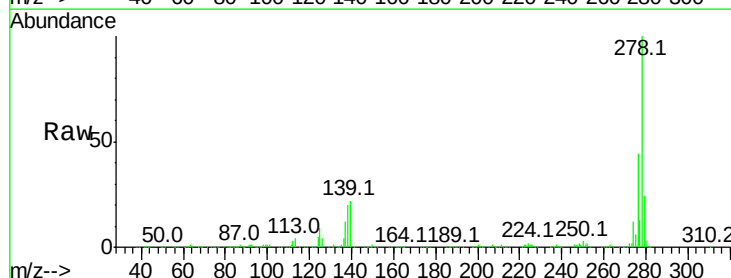
Instrument :
BNA_F
ClientSampleId :

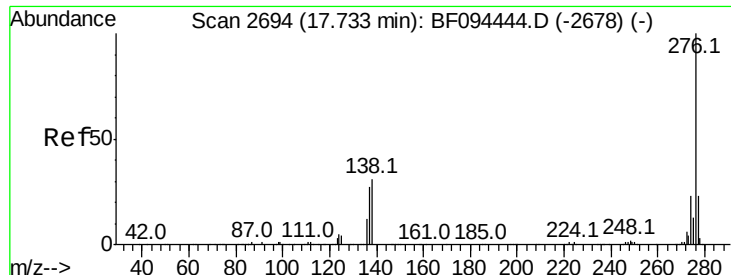
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	14.5	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 54.83 ng
RT: 17.39 min Scan# 2627
Delta R.T. 0.01 min
Lab File: BF094520.D
Acq: 19 Apr 2017 17:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	16.6	24.8
279	24.4	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 57.59 ng

RT: 17.75 min Scan# 2688

Delta R.T. 0.01 min

Lab File: BF094520.D

Acq: 19 Apr 2017 17:18

Instrument :

BNA_F

ClientSampleId :

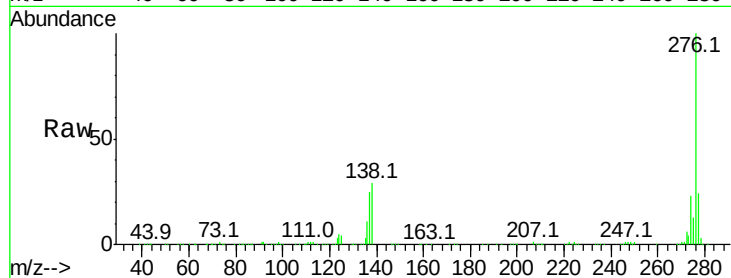
Tot Ion:276 Resp: 692747

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 29.3 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

