

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094463.D
 Acq On : 17 Apr 2017 21:36
 Operator : SJ/MA
 Sample : I2707-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 01:01:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	140646	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	588349	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	277129	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	497433	20.00	ng	0.00
75) Chrysene-d12	14.46	240	400048	20.00	ng	-0.01
86) Perylene-d12	16.08	264	272970	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	1128713	133.14	ng	0.00
7) Phenol-d6	5.39	99	1486875	148.78	ng	0.00
23) Nitrobenzene-d5	6.41	82	899331	94.39	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	301595	139.13	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1557389	82.69	ng	0.00
78) Terphenyl-d14	13.20	244	1232612	82.36	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.05	88	125	0.03	ng	# 1
4) n-Nitrosodimethylamine	2.62	42	543	0.12	ng	# 1
6) Aniline	5.40	93	287	0.02	ng	# 1
8) 2-Chlorophenol	5.53	128	1441	0.15	ng	87
9) Benzaldehyde	5.51	77	25679	3.38	ng	83
10) Phenol	5.40	94	18727	1.53	ng	88
11) bis(2-Chloroethyl)ether	5.51	93	1599	0.18	ng	# 1
12) 1,3-Dichlorobenzene	5.94	146	122	0.01	ng	# 1
13) 1,4-Dichlorobenzene	5.94	146	122	0.01	ng	# 1
14) 1,2-Dichlorobenzene	5.94	146	122	0.01	ng	# 1
15) Benzyl Alcohol	5.93	79	13403	1.81	ng	# 45
16) 2,2'-oxybis(1-Chloropropan	5.97	45	7887	0.67	ng	70
17) 2-Methylphenol	5.94	107	369	0.05	ng	# 1
19) n-Nitroso-di-n-propylamine	6.41	70	119912	18.11	ng	# 79
20) 3+4-Methylphenols	6.27	107	106	0.01	ng	# 5
24) Nitrobenzene	6.41	77	2444	0.24	ng	# 36
25) Isophorone	6.98	82	996	0.06	ng	# 67
31) Naphthalene	7.28	128	3900	0.14	ng	# 93
33) 4-Chloroaniline	7.29	127	462	0.04	ng	# 38
37) 2-Methylnaphthalene	8.13	142	650	0.03	ng	# 76
45) 1,1'-Biphenyl	8.70	154	644	0.03	ng	84
47) 2-Nitroaniline	8.76	65	386	0.07	ng	# 7
48) Acenaphthylene	9.22	152	3787	0.13	ng	# 90
49) Dimethylphthalate	9.09	163	664710	32.19	ng	98
50) 2,6-Dinitrotoluene	9.09	165	7136	1.54	ng	# 4
51) Acenaphthene	9.43	154	1307	0.08	ng	89
54) Dibenzofuran	9.65	168	1848	0.08	ng	# 87
55) 4-Nitrophenol	9.65	139	594	0.16	ng	# 25
56) 2,4-Dinitrotoluene	9.39	165	35719	6.28	ng	# 33
57) Fluorene	10.07	166	1689	0.09	ng	# 97
59) Diethylphthalate	9.95	149	2186	0.11	ng	95
62) Azobenzene	10.37	77	1854	0.10	ng	# 12
64) 4,6-Dinitro-2-methylphenol	10.37	198	645	0.20	ng	# 1
65) n-Nitrosodiphenylamine	10.37	169	10751	0.62	ng	# 40

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094463.D
 Acq On : 17 Apr 2017 21:36
 Operator : SJ/MA
 Sample : I2707-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 01:01:54 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)

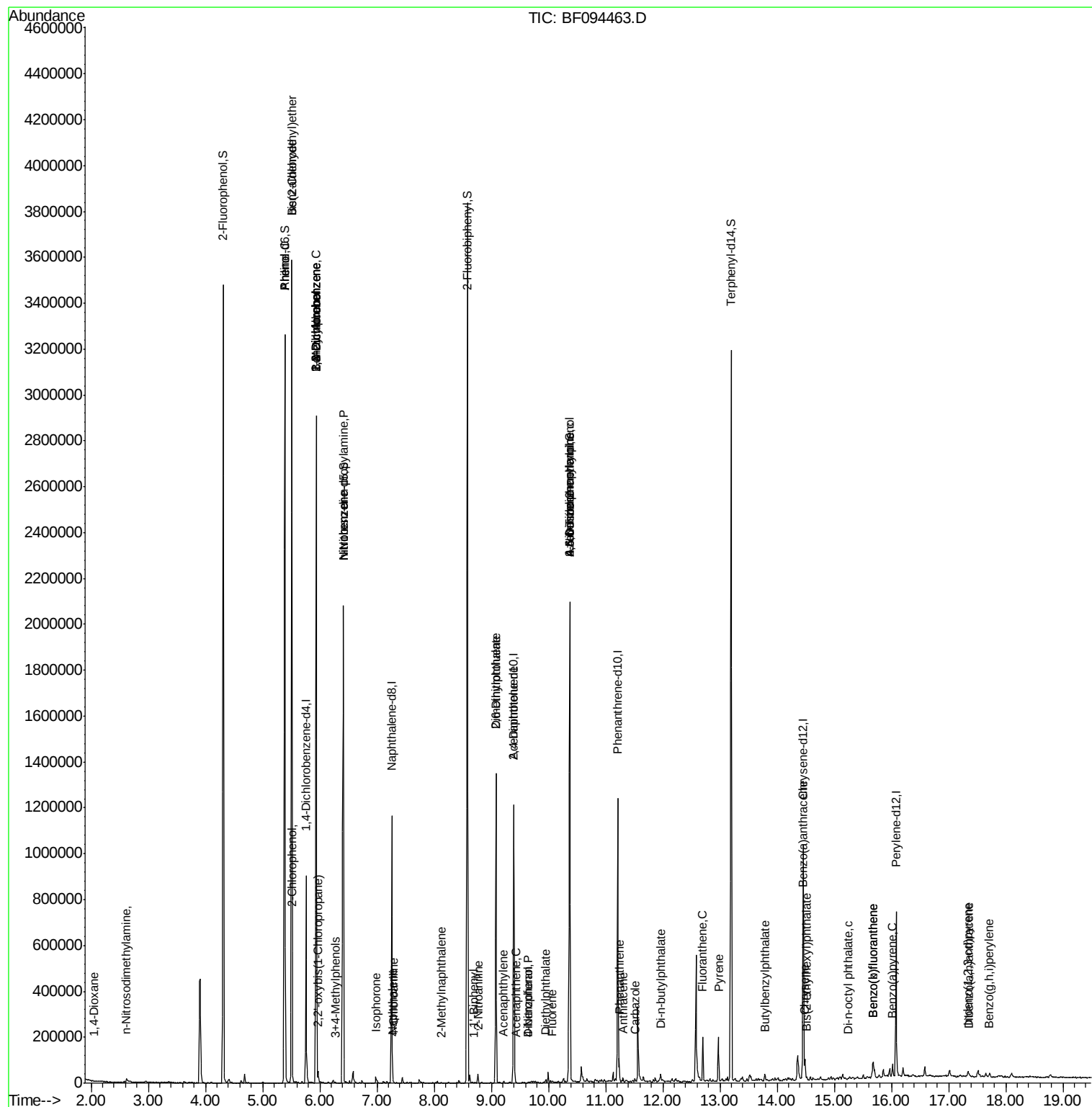
70) Phenanthrene	11.24	178	38156	1.36	ng	96
71) Anthracene	11.30	178	8029	0.28	ng	97
72) Carbazole	11.51	167	4352	0.16	ng	98
73) Di-n-butylphthalate	11.96	149	7172	0.24	ng	# 92
74) Fluoranthene	12.70	202	84105	2.90	ng	96
77) Pyrene	12.97	202	78693	2.82	ng	98
79) Butylbenzylphthalate	13.80	149	278	0.02	ng	# 27
80) Benzo(a)anthracene	14.44	228	34453	1.48	ng	97
82) Chrysene	14.49	228	34694	1.63	ng	95
83) Bis(2-ethylhexyl)phthalate	14.52	149	2989	0.18	ng	# 86
84) Di-n-octyl phthalate	15.23	149	170	0.01	ng	# 75
85) Indeno(1,2,3-cd)pyrene	17.34	276	13421	0.66	ng	99
87) Benzo(b)fluoranthene	15.68	252	43827	2.62	ng	96
88) Benzo(k)fluoranthene	15.68	252	43827	2.77	ng	97
89) Benzo(a)pyrene	16.02	252	23478	1.51	ng	98
90) Dibenzo(a,h)anthracene	17.36	278	3135	0.24	ng	# 68
91) Benzo(g,h,i)perylene	17.72	276	13038	0.99	ng	94

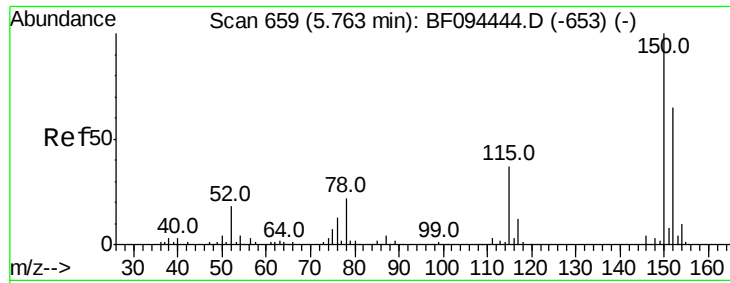
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
Data File : BF094463.D
Acq On : 17 Apr 2017 21:36
Operator : SJ/MA
Sample : I2707-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Apr 18 01:01:54 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.76 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

Instrument :

BNA_F

ClientSampleId :

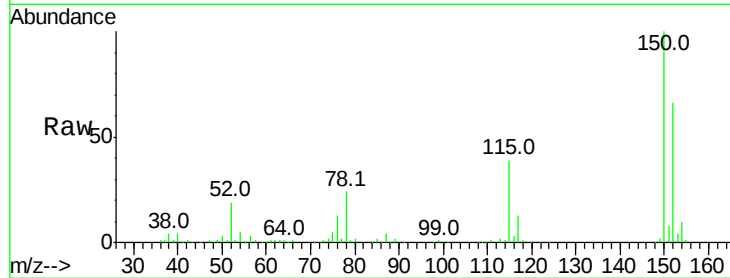
Tot Ion:152 Resp: 140646

Ion Ratio Lower Upper

152 100

150 151.6 126.2 189.2

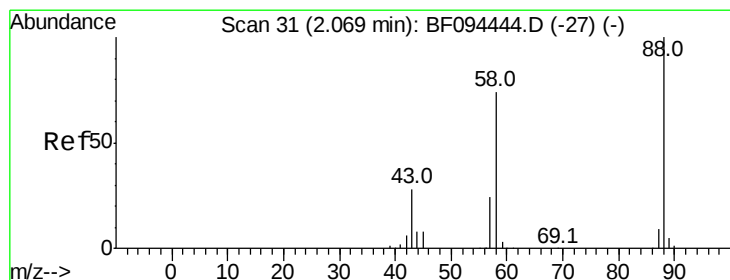
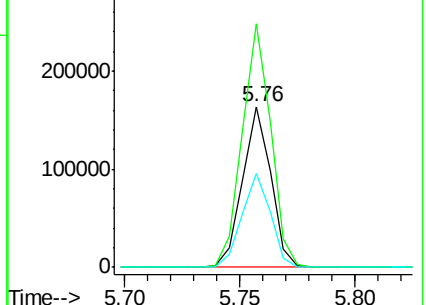
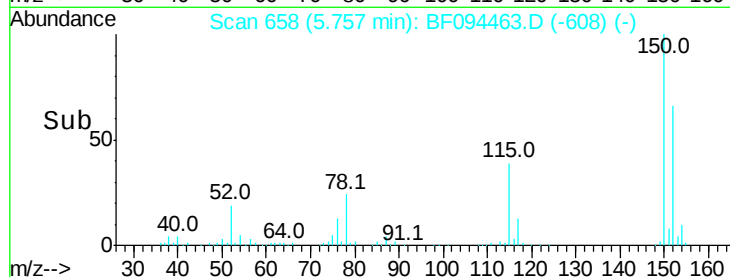
115 58.7 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.03 ng

RT: 2.05 min Scan# 27

Delta R.T. -0.02 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

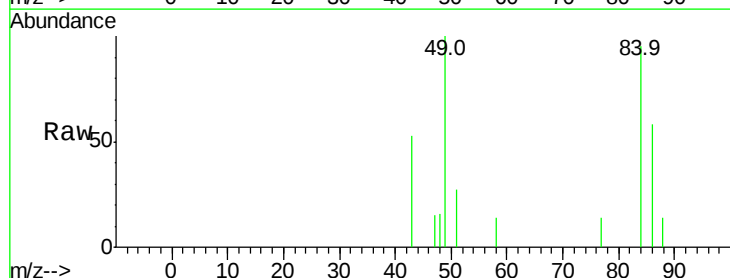
Tgt Ion: 88 Resp: 125

Ion Ratio Lower Upper

88 100

58 305.6 61.4 92.0#

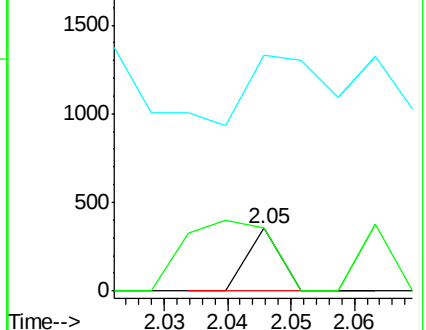
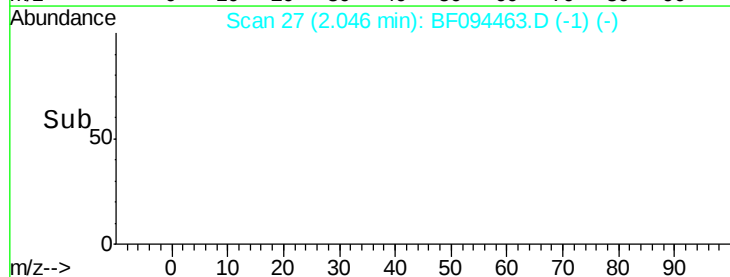
43 438.4 23.4 35.0#

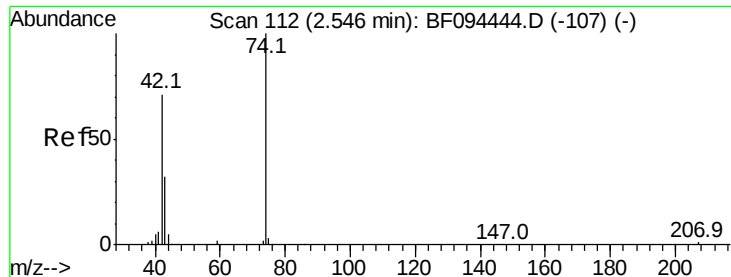


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.12 ng

RT: 2.62 min Scan# 124

Delta R.T. 0.07 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

Instrument :

BNA_F

ClientSampled :

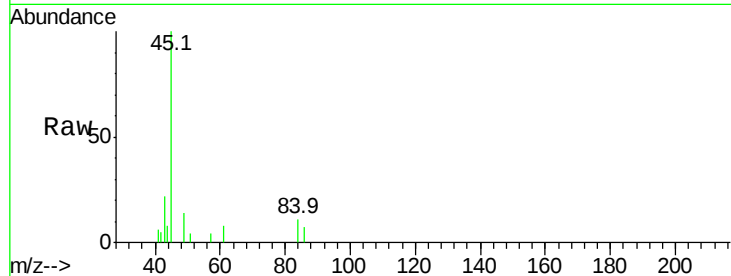
Tot Ion: 42 Resp: 543

Ion Ratio Lower Upper

42 100

74 0.0 103.9 155.9#

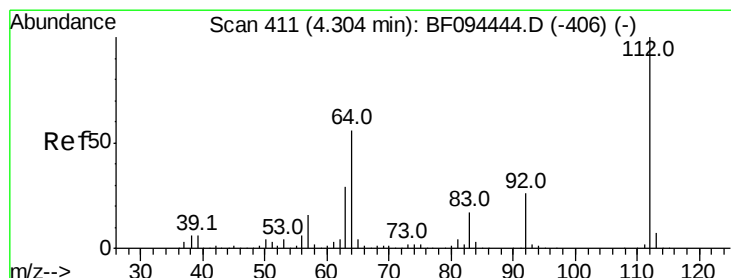
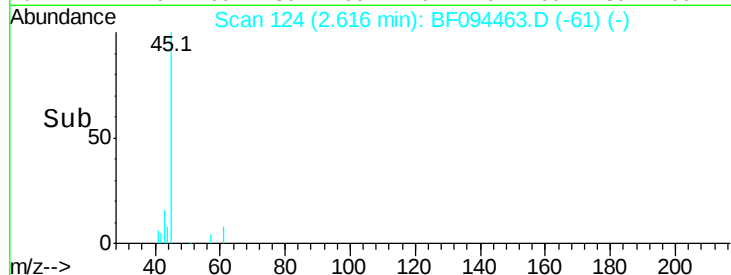
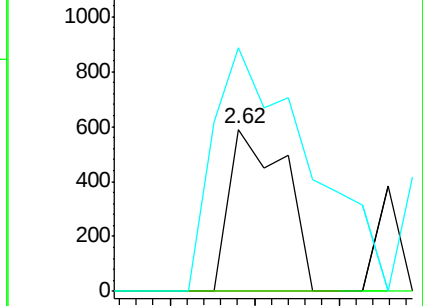
44 150.3 5.7 8.5#



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: 133.14 ng

RT: 4.31 min Scan# 412

Delta R.T. 0.01 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

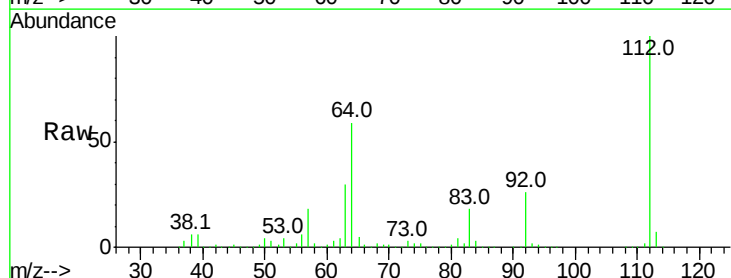
Tgt Ion: 112 Resp: 1128713

Ion Ratio Lower Upper

112 100

64 58.8 46.0 69.0

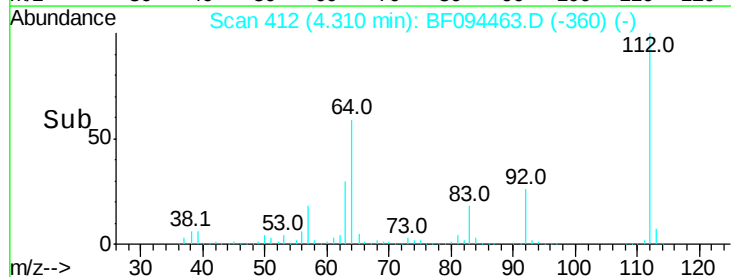
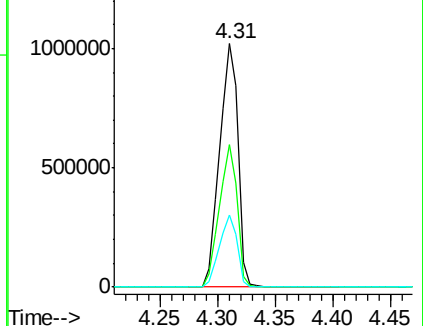
63 29.7 23.4 35.0

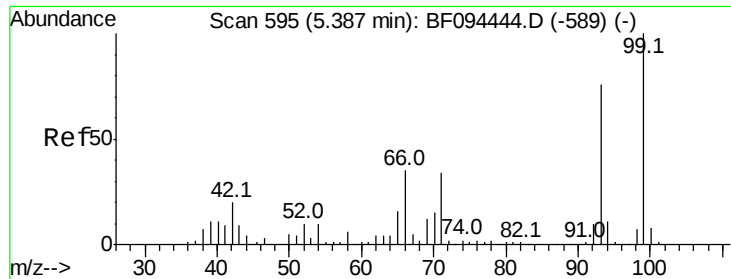


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.02 ng

RT: 5.40 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

Instrument :

BNA_F

ClientSampleId :

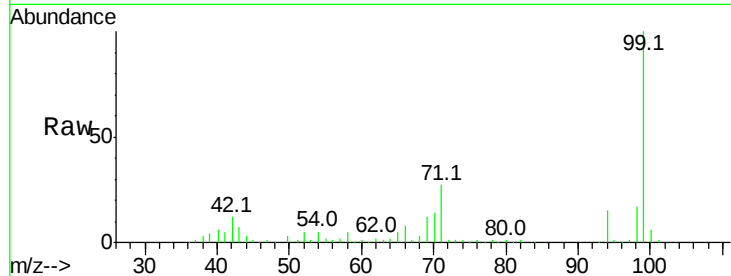
Tot Ion: 93 Resp: 287

Ion Ratio Lower Upper

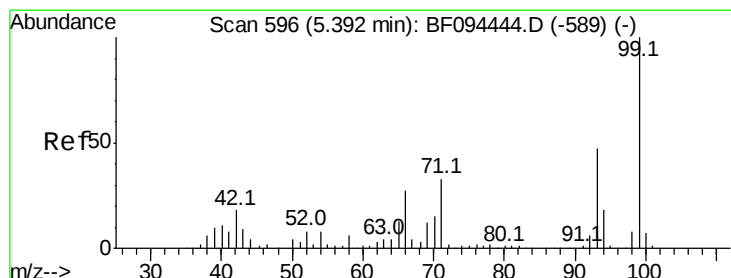
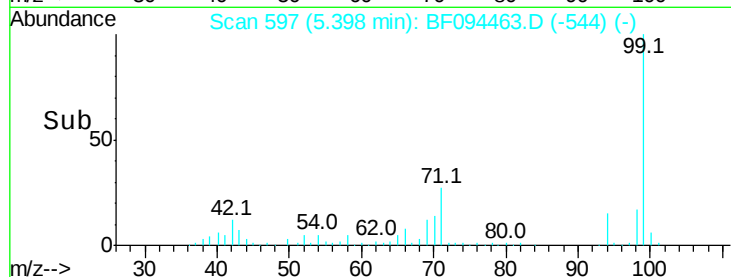
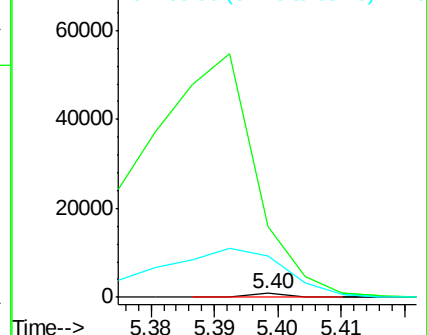
93 100

66 1964.7 32.9 49.3#

65 1153.7 16.0 24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 148.78 ng

RT: 5.39 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

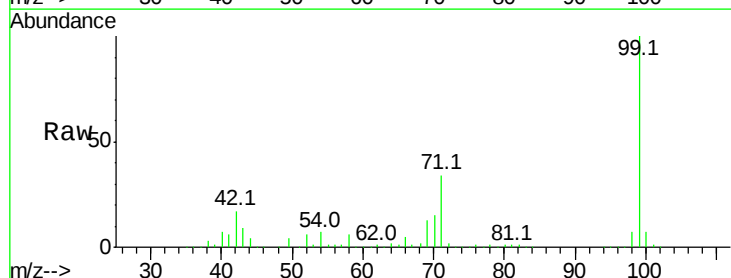
Tgt Ion: 99 Resp: 1486875

Ion Ratio Lower Upper

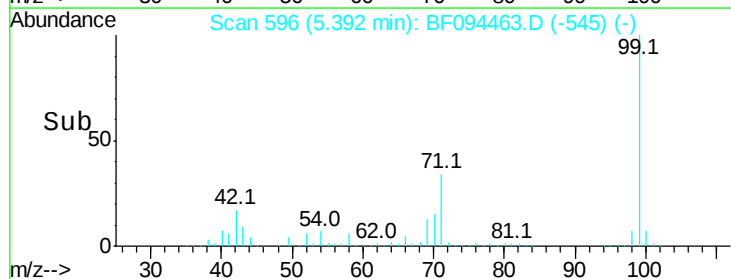
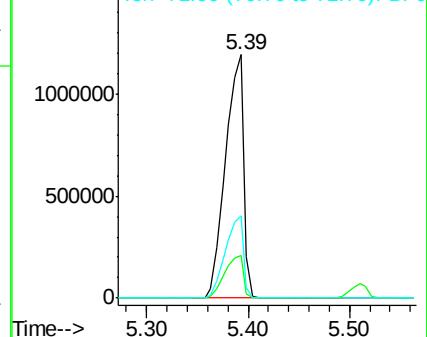
99 100

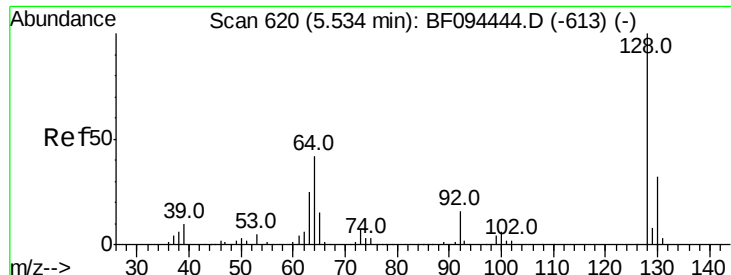
42 17.4 13.5 20.3

71 33.9 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: 0.15 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.01 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

Instrument :

BNA_F

ClientSampleId :

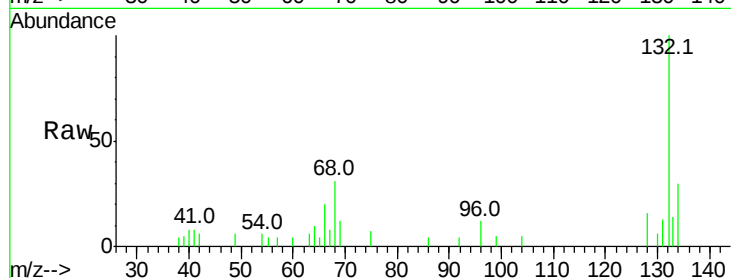
Tot Ion:128 Resp: 1441

Ion Ratio Lower Upper

128 100

130 34.9 12.9 52.9

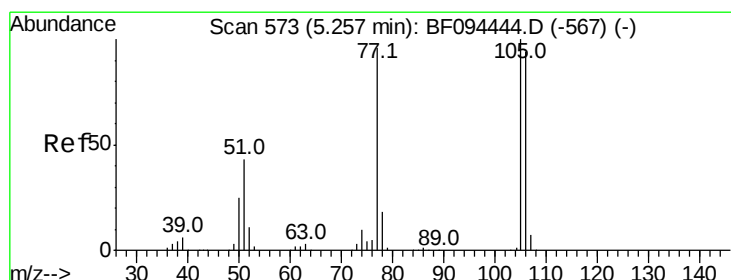
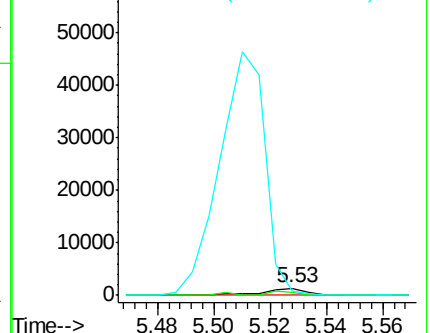
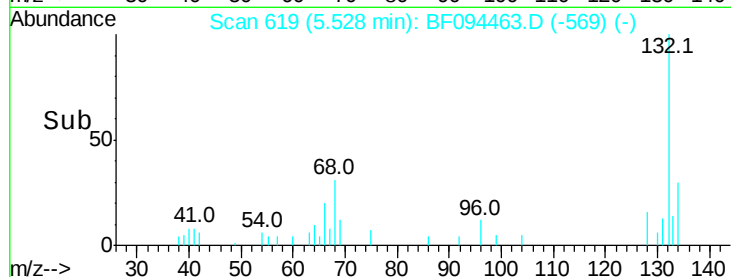
64 62.0 28.4 68.4



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: 3.38 ng

RT: 5.51 min Scan# 616

Delta R.T. 0.25 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

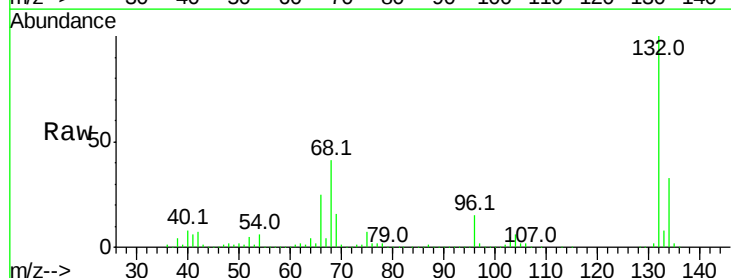
Tgt Ion: 77 Resp: 25679

Ion Ratio Lower Upper

77 100

105 85.5 83.8 123.8

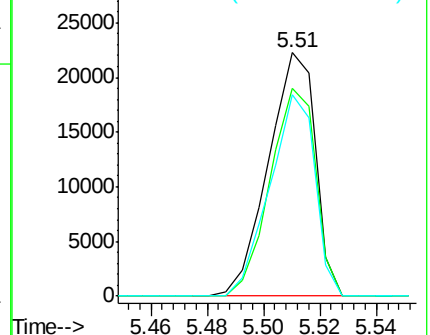
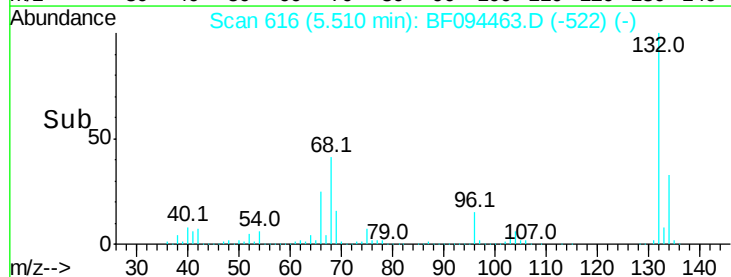
106 82.5 79.1 119.1

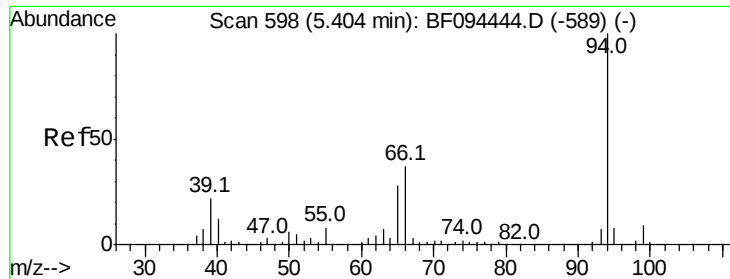


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 1.53 ng

RT: 5.40 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

Instrument :

BNA_F

ClientSampleId :

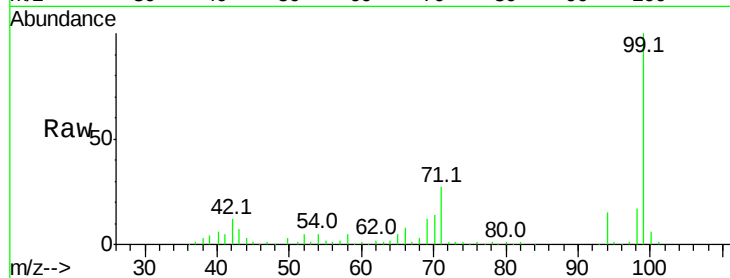
Tot Ion: 94 Resp: 18727

Ion Ratio Lower Upper

94 100

65 32.0 9.9 49.9

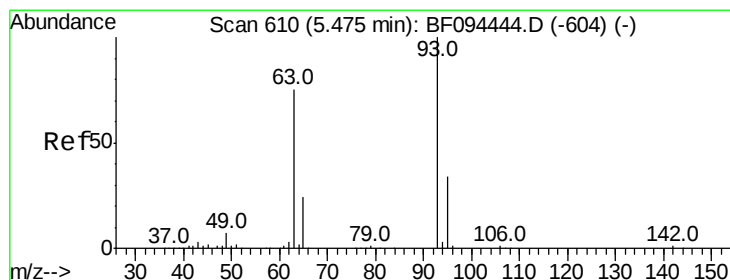
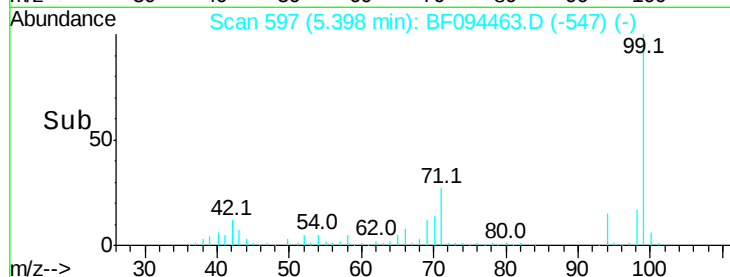
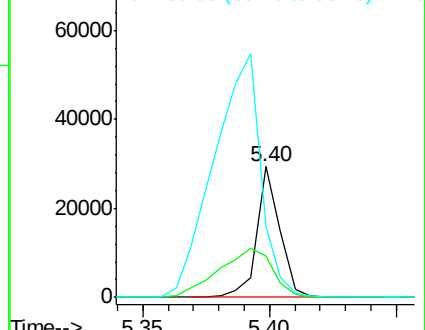
66 54.5 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 0.18 ng

RT: 5.51 min Scan# 616

Delta R.T. 0.04 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

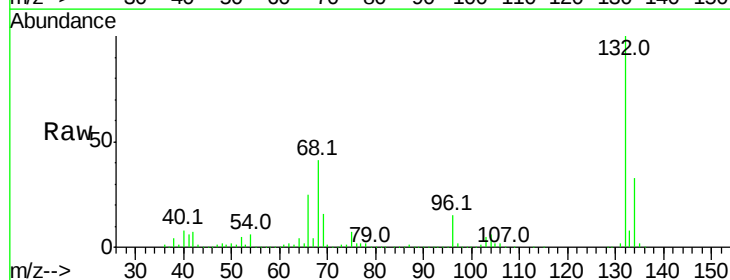
Tgt Ion: 93 Resp: 1599

Ion Ratio Lower Upper

93 100

63 731.5 59.2 99.2#

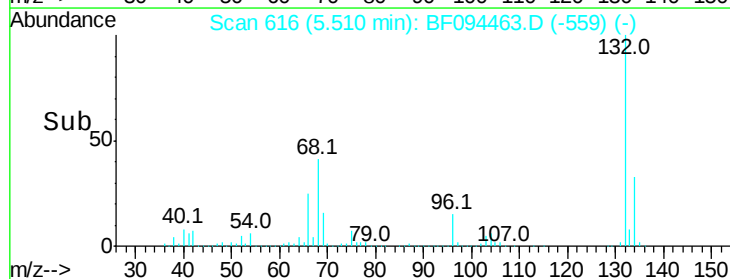
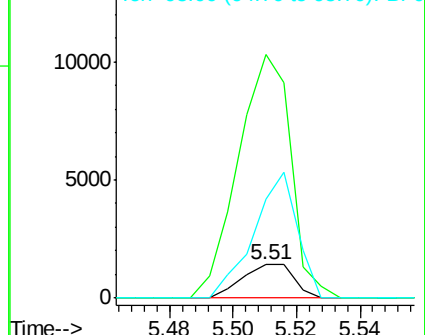
95 297.3 12.8 52.8#

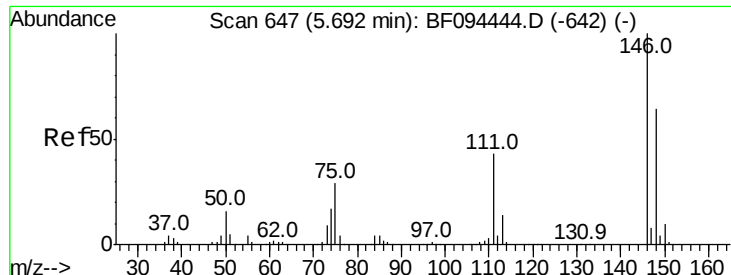


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 0.01 ng

RT: 5.94 min Scan# 689

Delta R.T. 0.25 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

Instrument :

BNA_F

ClientSampleId :

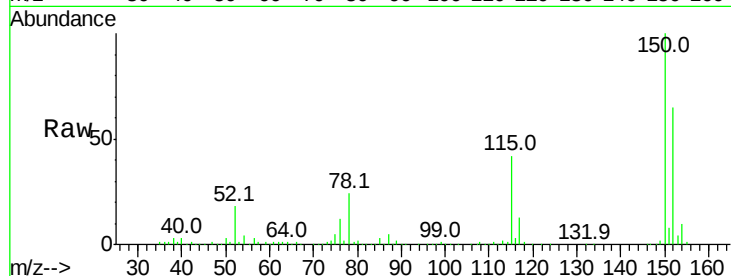
Tot Ion:146 Resp: 122

Ion Ratio Lower Upper

146 100

148 285.9 51.8 77.6#

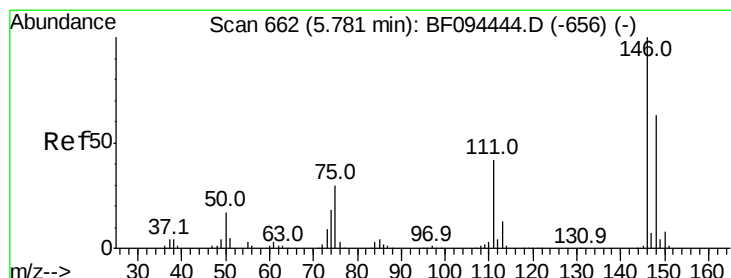
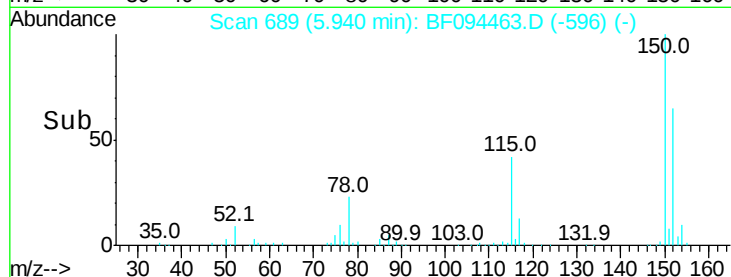
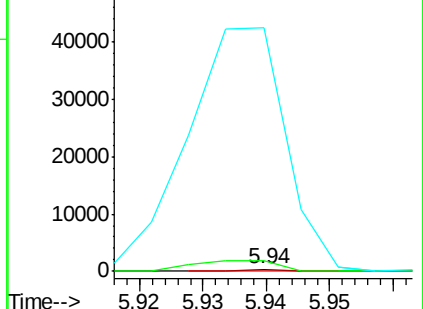
75 6168.9 23.1 34.7#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 0.01 ng

RT: 5.94 min Scan# 689

Delta R.T. 0.16 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

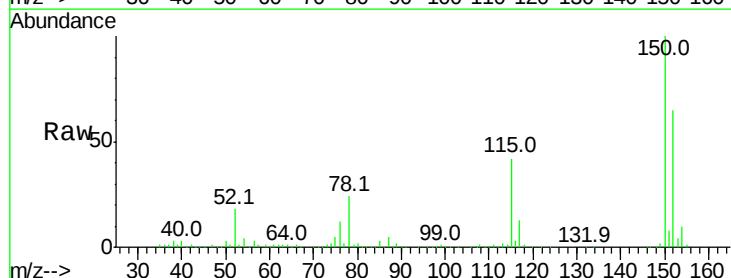
Tgt Ion:146 Resp: 122

Ion Ratio Lower Upper

146 100

148 285.9 52.2 78.2#

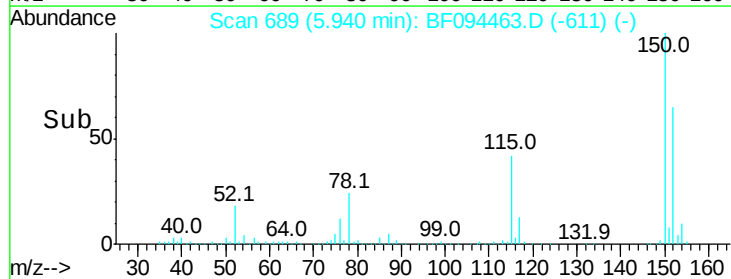
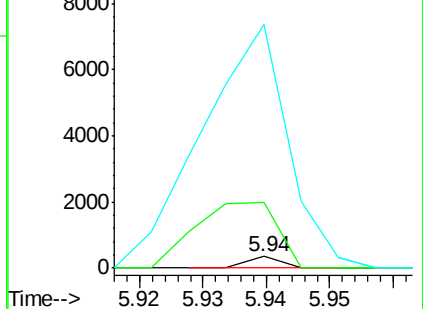
111 1069.8 30.3 45.5#

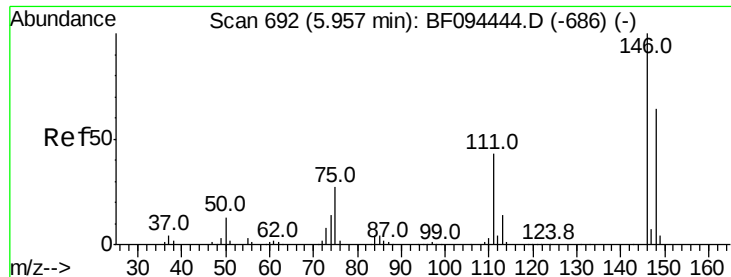


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 0.01 ng

RT: 5.94 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

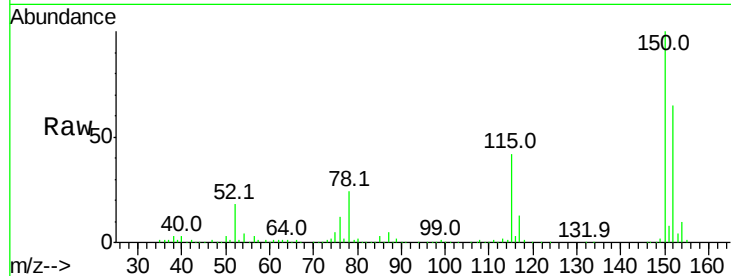
Instrument :

BNA_F

ClientSampled :

Tot Ion:146 Resp: 122

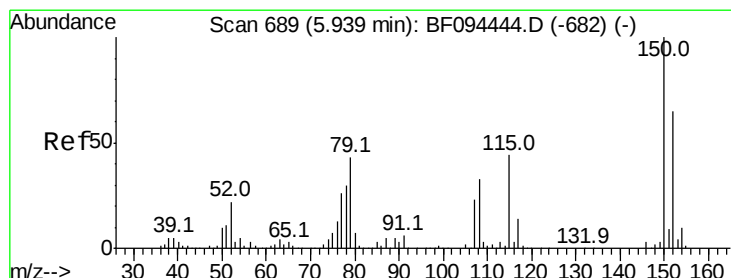
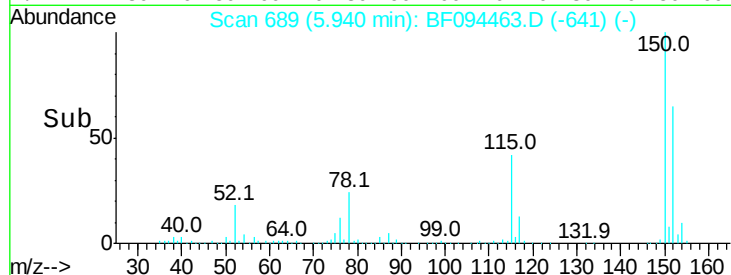
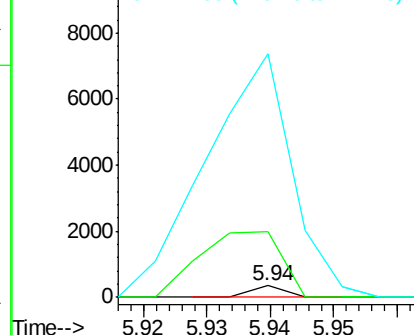
Ion	Ratio	Lower	Upper
146	100		
148	285.9	50.4	75.6#
111	1069.8	38.2	57.4#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 1.81 ng

RT: 5.93 min Scan# 688

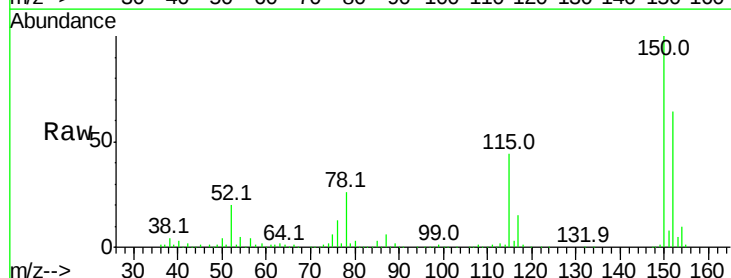
Delta R.T. -0.01 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

Tgt Ion: 79 Resp: 13403

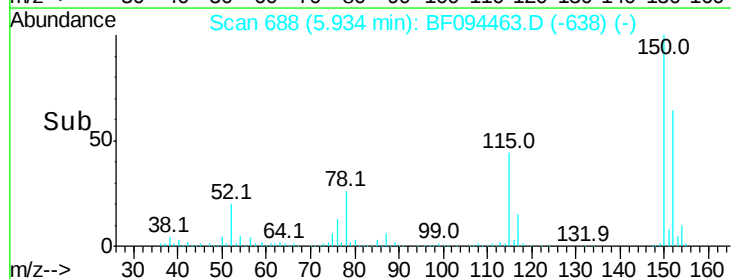
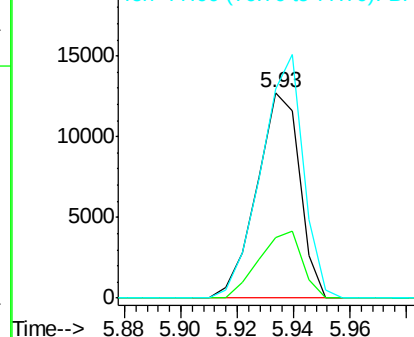
Ion	Ratio	Lower	Upper
79	100		
108	29.2	63.4	95.0#
77	101.6	49.2	73.8#

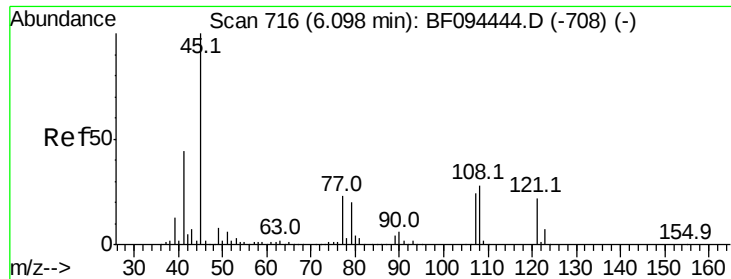


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

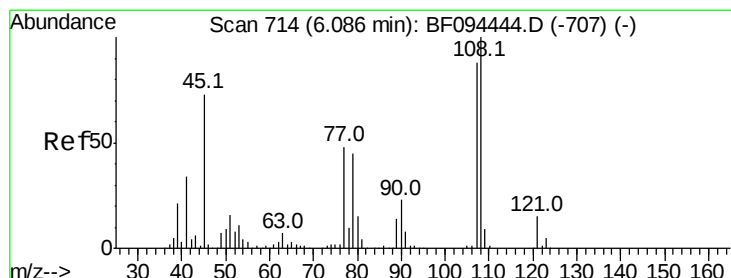
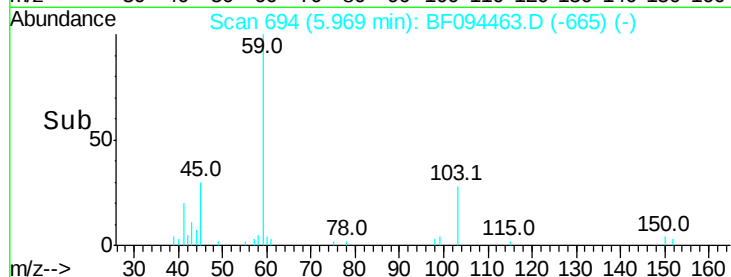
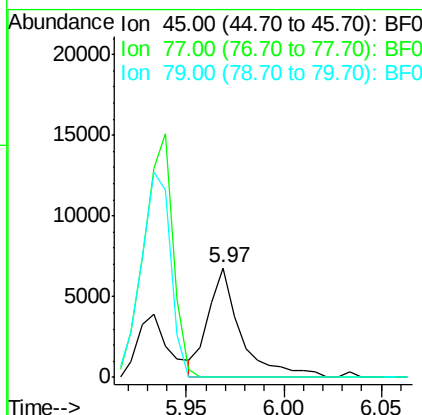
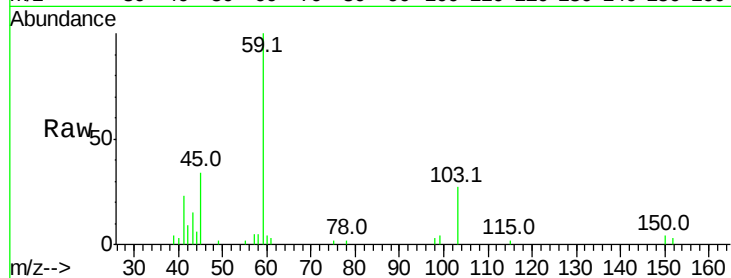




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.67 ng
RT: 5.97 min Scan# 694
Delta R.T. -0.13 min
Lab File: BF094463.D
Acq: 17 Apr 2017 21:36

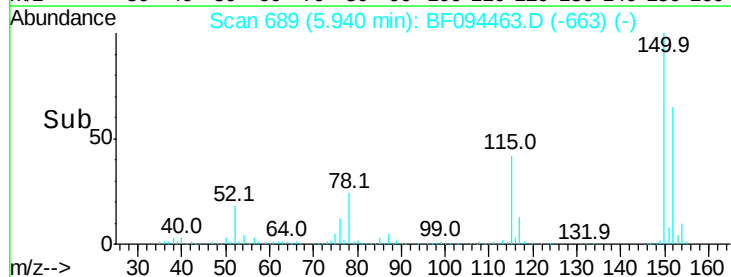
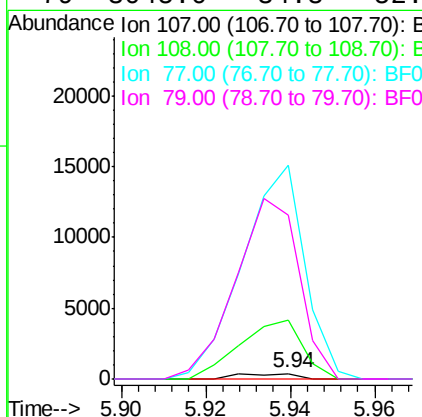
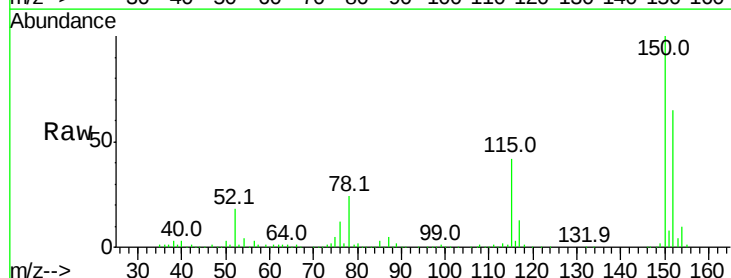
Instrument :
BNA_F
ClientSampleId :

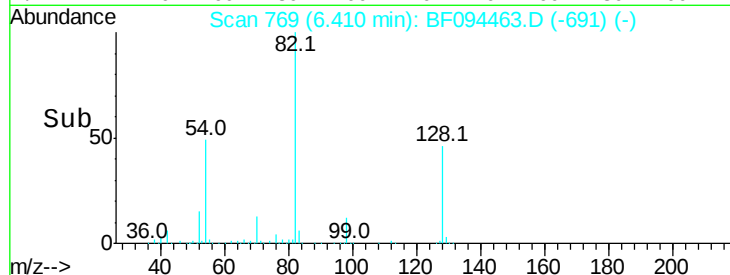
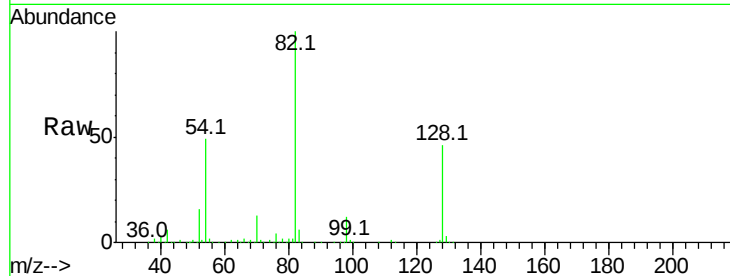
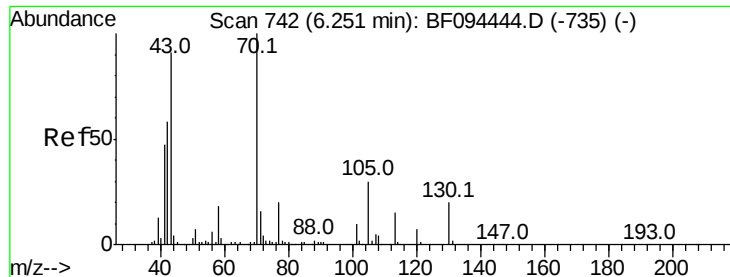
Tot Ion: 45 Resp: 7887
Ion Ratio Lower Upper
45 100
77 0.0 0.0 33.2
79 0.0 0.0 30.0



#17
2-Methylphenol
Concen: 0.05 ng
RT: 5.94 min Scan# 689
Delta R.T. -0.15 min
Lab File: BF094463.D
Acq: 17 Apr 2017 21:36

Tgt Ion: 107 Resp: 369
Ion Ratio Lower Upper
107 100
108 1097.9 93.4 140.0#
77 3971.1 35.8 53.6#
79 3045.0 34.8 52.2#

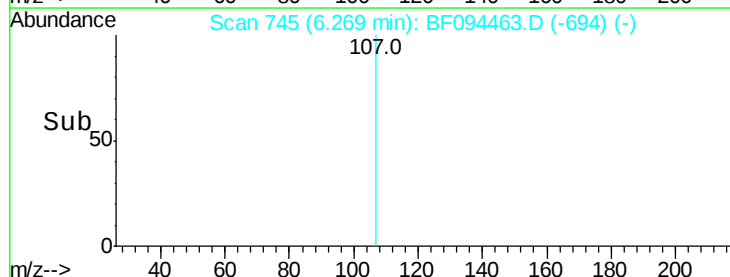
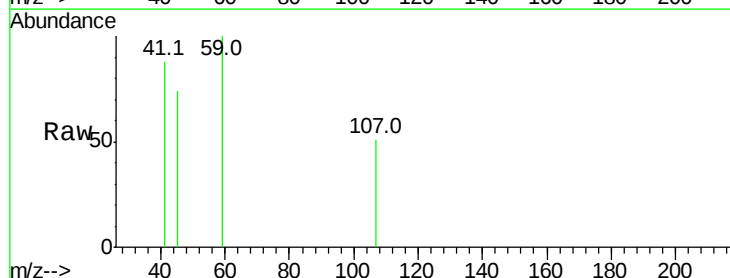
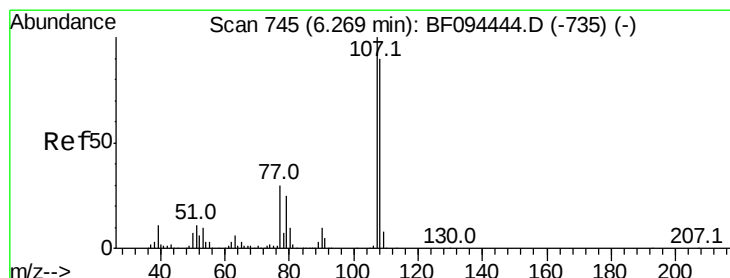
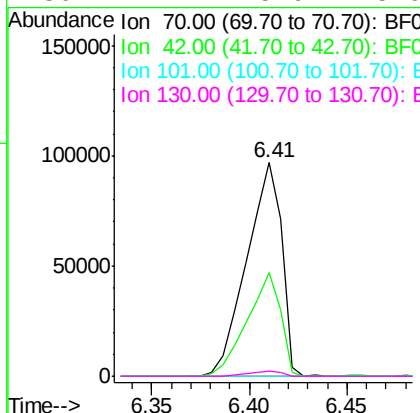




#19
n-Nitroso-di-n-propylamine
Concen: 18.11 ng
RT: 6.41 min Scan# 769
Delta R.T. 0.16 min
Lab File: BF094463.D
Acq: 17 Apr 2017 21:36

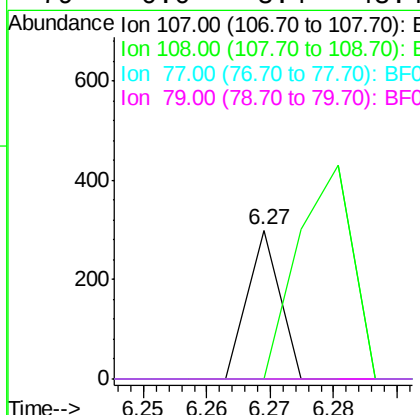
Instrument :
BNA_F
ClientSampled :

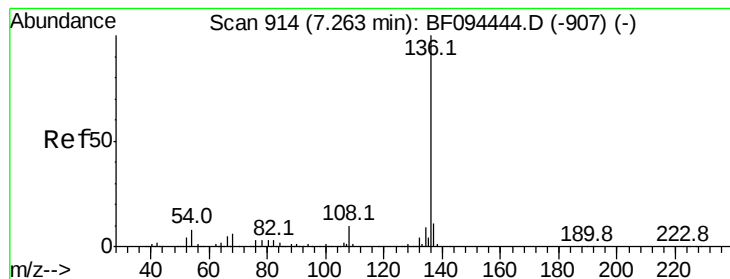
Tot Ion: 70 Resp: 119912
Ion Ratio Lower Upper
70 100
42 48.6 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#20
3+4-Methylphenols
Concen: 0.01 ng
RT: 6.27 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF094463.D
Acq: 17 Apr 2017 21:36

Tgt Ion:107 Resp: 106
Ion Ratio Lower Upper
107 100
108 0.0 71.0 111.0#
77 0.0 90.5 130.5#
79 0.0 8.4 48.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.26 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 588349

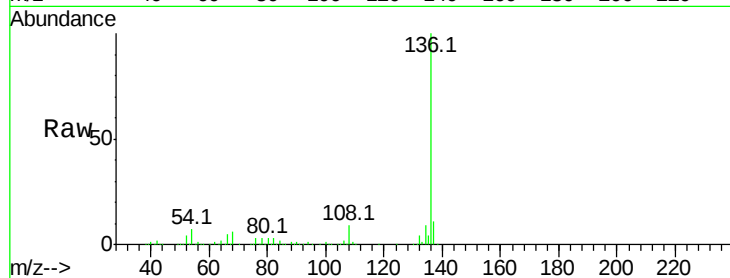
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.1 4.9 7.3

68 5.9 4.1 6.1

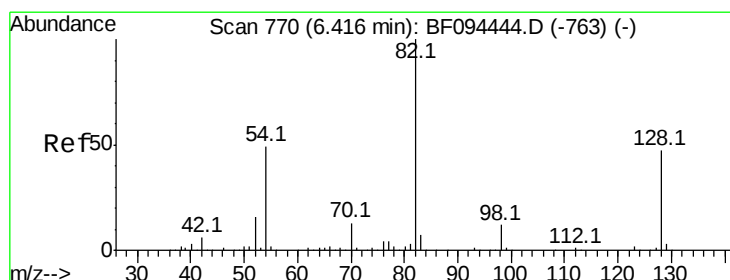
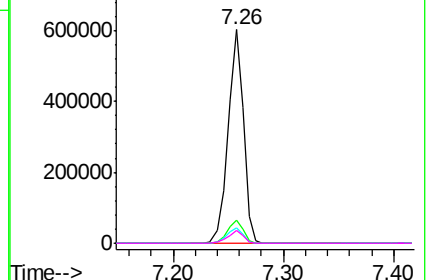
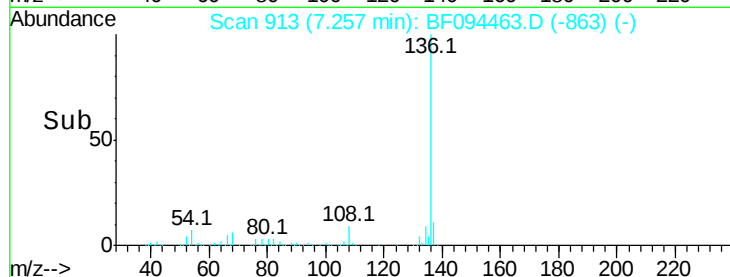


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 94.39 ng

RT: 6.41 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

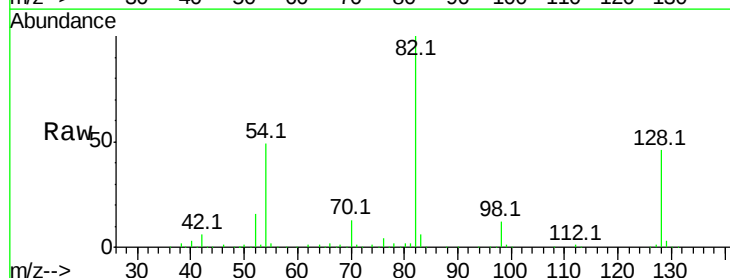
Tgt Ion: 82 Resp: 899331

Ion Ratio Lower Upper

82 100

128 46.0 34.0 51.0

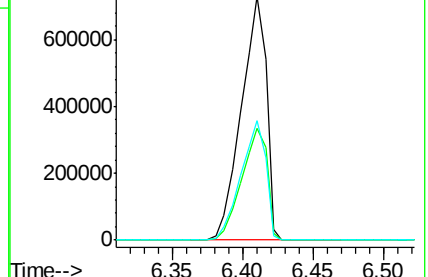
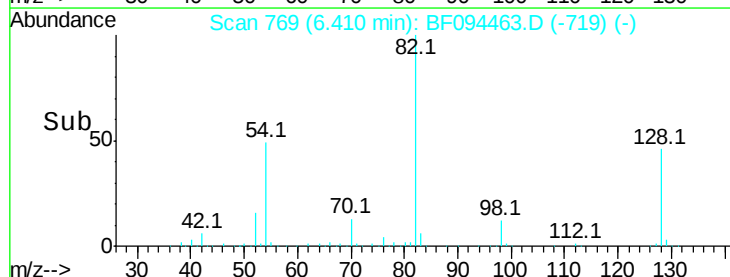
54 49.3 42.2 63.2

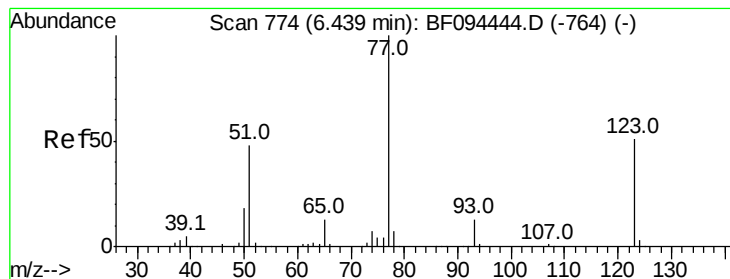


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 0.24 ng

RT: 6.41 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

Instrument :

BNA_F

ClientSampled :

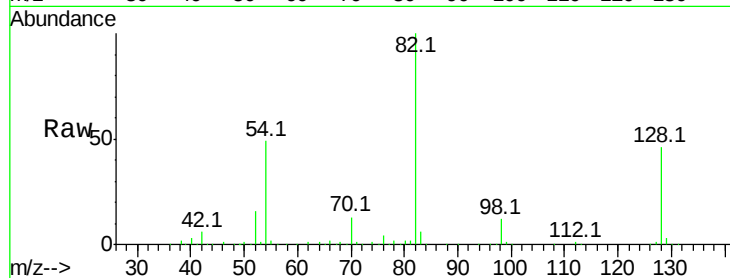
Tot Ion: 77 Resp: 2444

Ion Ratio Lower Upper

77 100

123 0.0 35.8 53.8#

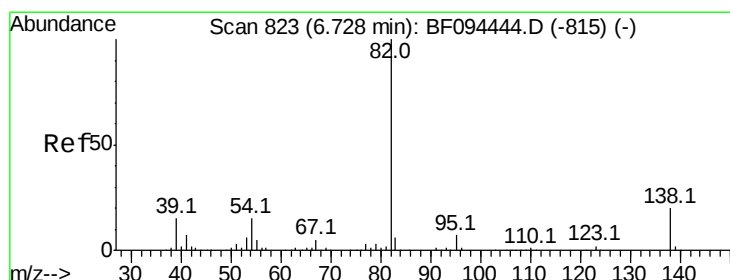
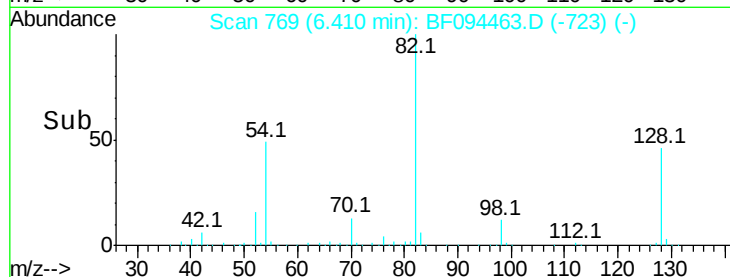
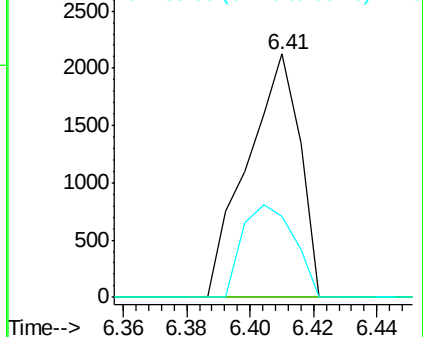
65 33.3 10.6 15.8#



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: 0.06 ng

RT: 6.98 min Scan# 866

Delta R.T. 0.25 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

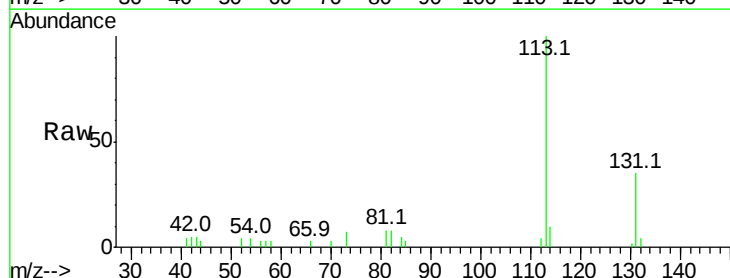
Tgt Ion: 82 Resp: 996

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

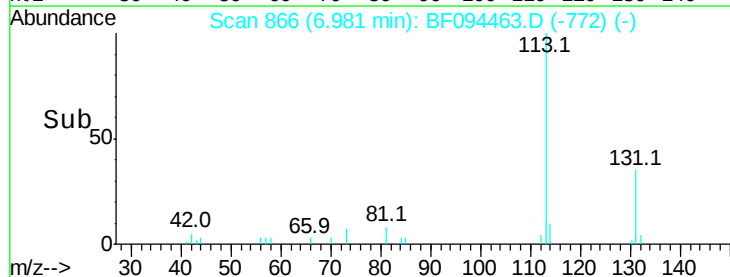
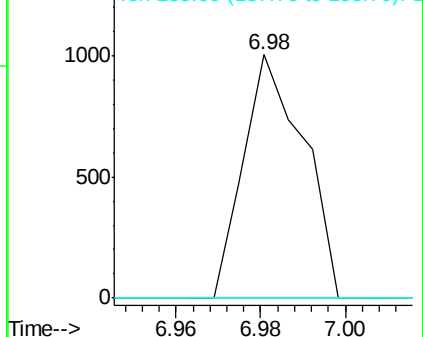
138 0.0 13.1 19.7#

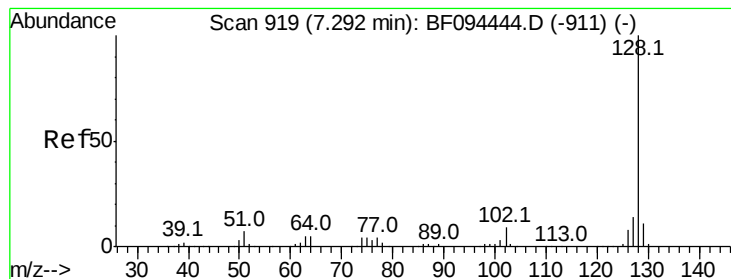


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#31

Naphthalene

Concen: 0.14 ng

RT: 7.28 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

Instrument :

BNA_F

ClientSampleId :

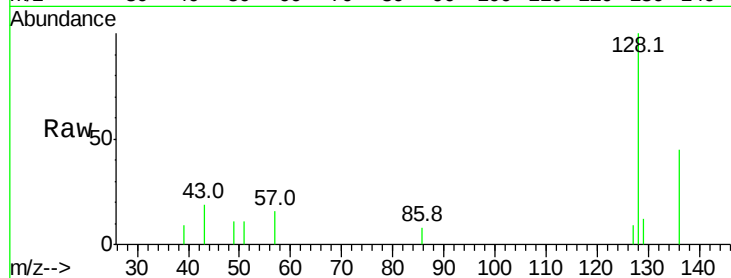
Tot Ion:128 Resp: 3900

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.6

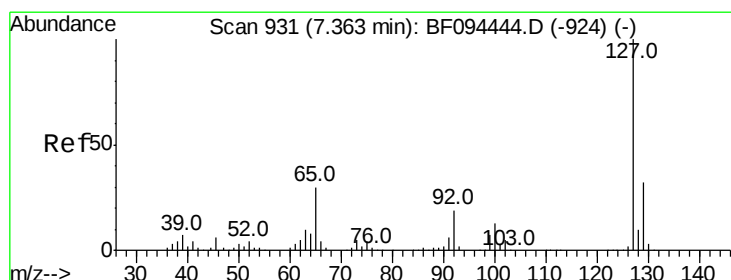
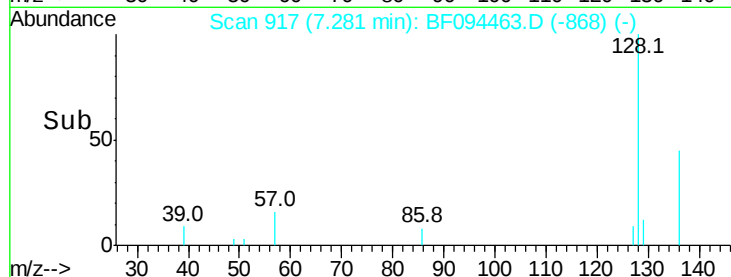
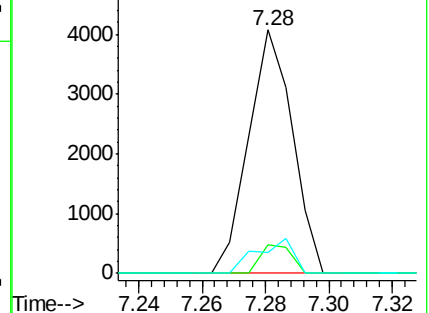
127 8.8 10.8 16.2#



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



#33

4-Chloroaniline

Concen: 0.04 ng

RT: 7.29 min Scan# 918

Delta R.T. -0.08 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

Tgt Ion:127 Resp: 462

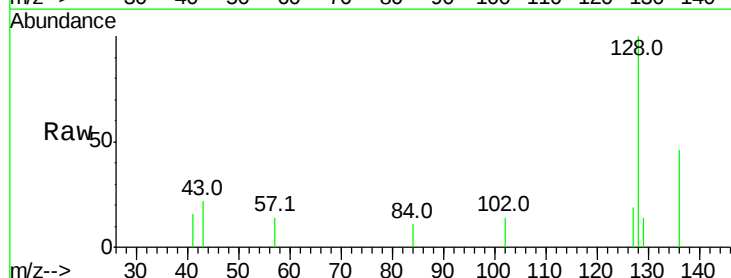
Ion Ratio Lower Upper

127 100

129 74.5 26.2 39.2#

65 0.0 27.8 41.8#

92 0.0 16.8 25.2#

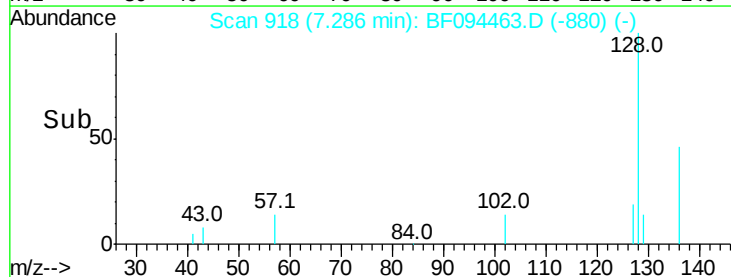
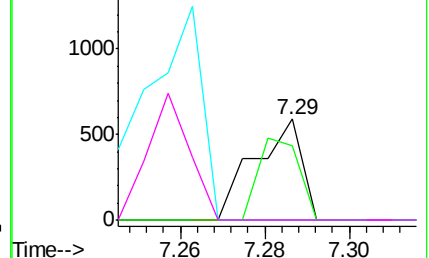


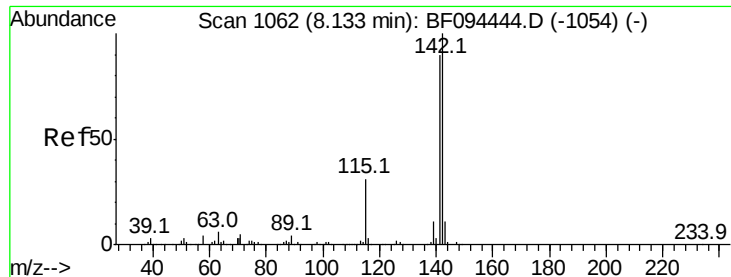
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#37

2-Methylnaphthalene

Concen: 0.03 ng

RT: 8.13 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

Instrument :

BNA_F

ClientSampled :

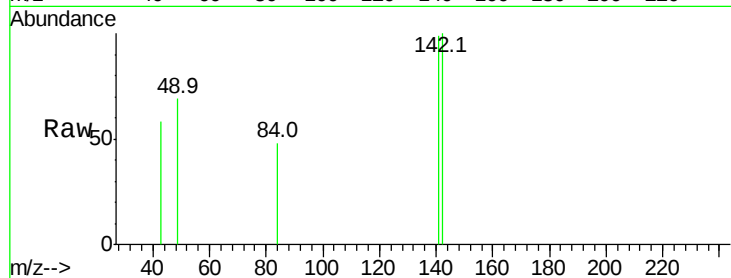
Tot Ion:142 Resp: 650

Ion Ratio Lower Upper

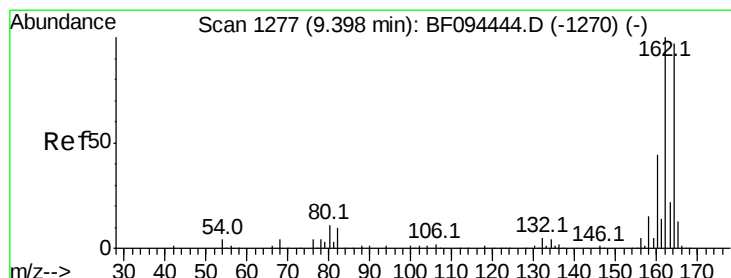
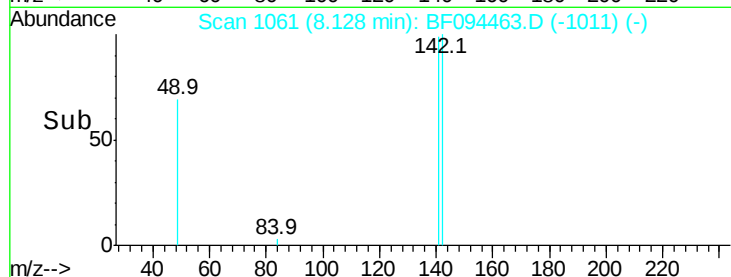
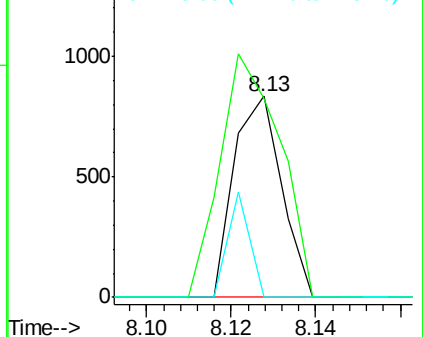
142 100

141 99.3 71.3 106.9

115 0.0 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: 9.39 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

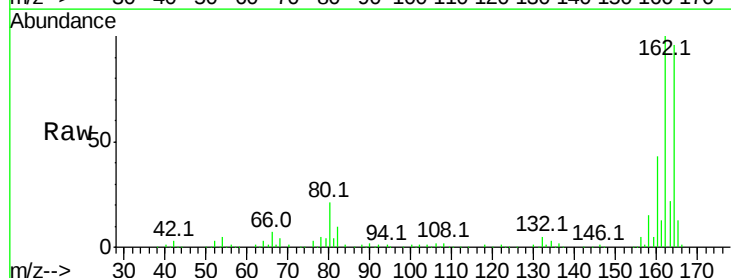
Tgt Ion:164 Resp: 277129

Ion Ratio Lower Upper

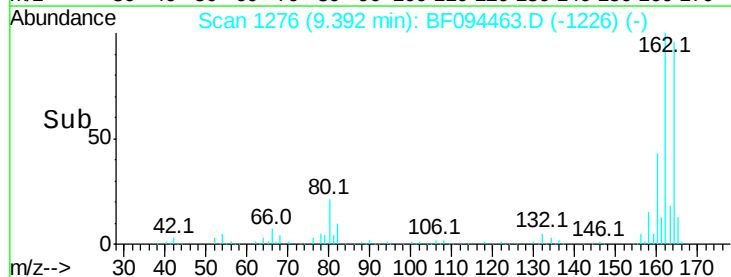
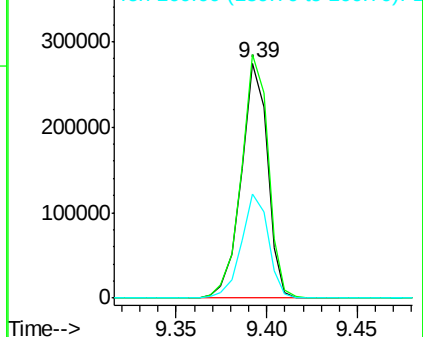
164 100

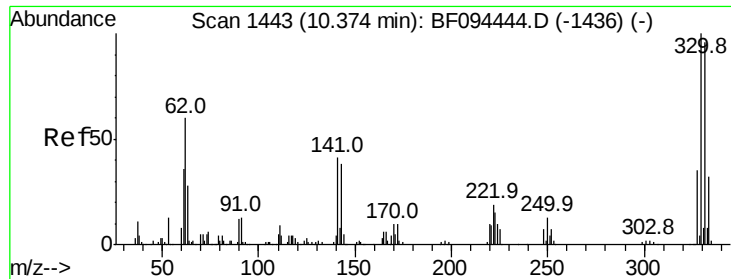
162 103.7 82.6 123.8

160 44.2 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

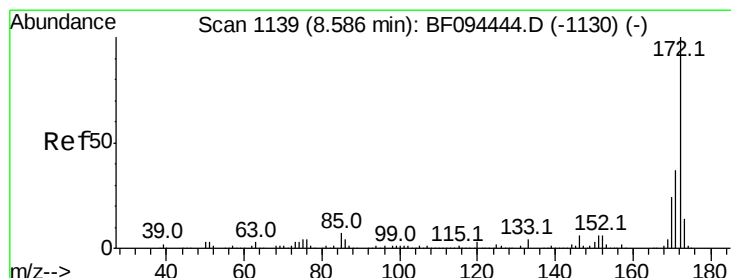
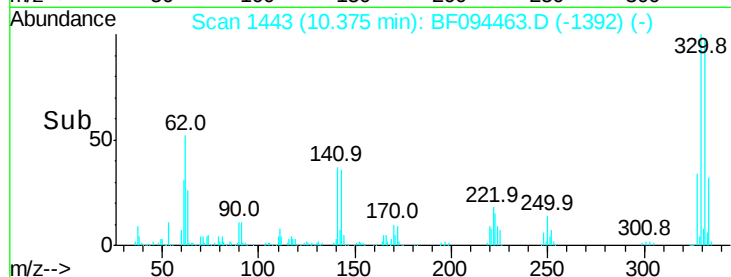
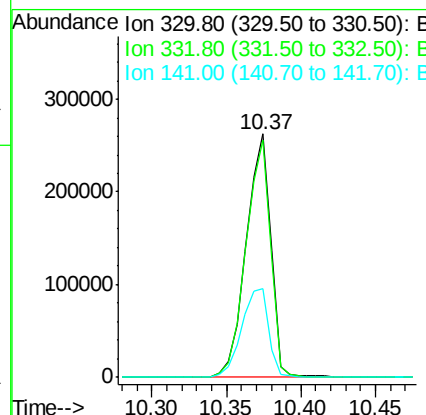
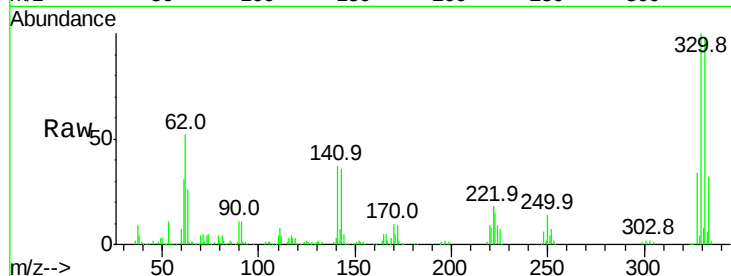




#41
 2,4,6-Tribromophenol
 Concen: 139.13 ng
 RT: 10.37 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF094463.D
 Acq: 17 Apr 2017 21:36

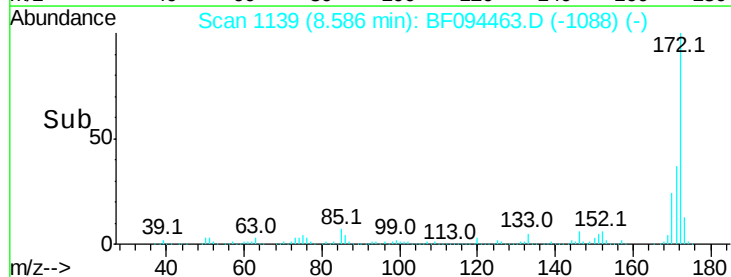
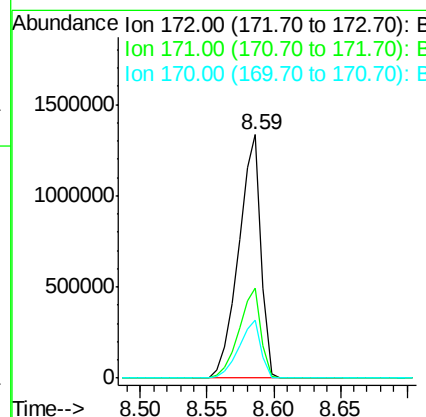
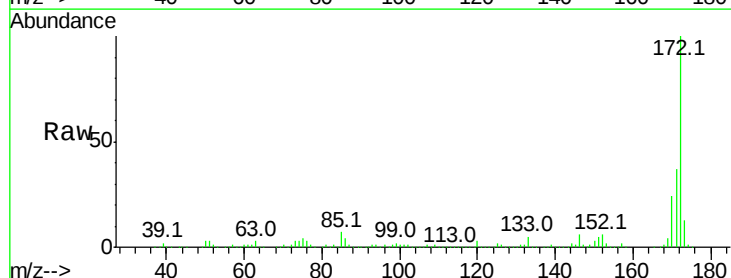
Instrument :
 BNA_F
 ClientSampleId :

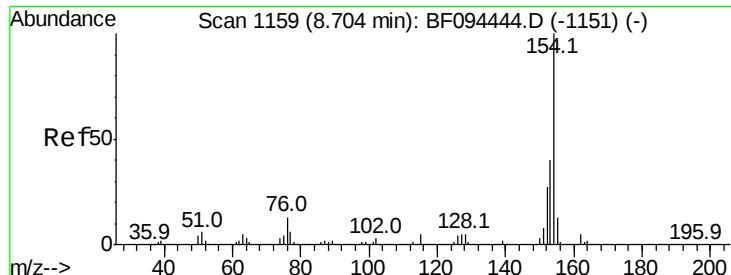
Tot Ion:330 Resp: 301595
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 115.0
 141 40.5 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 82.69 ng
 RT: 8.59 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF094463.D
 Acq: 17 Apr 2017 21:36

Tgt Ion:172 Resp: 1557389
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 23.6 19.8 29.8





#45

1,1'-Biphenyl

Concen: 0.03 ng

RT: 8.70 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

Instrument :

BNA_F

ClientSampled :

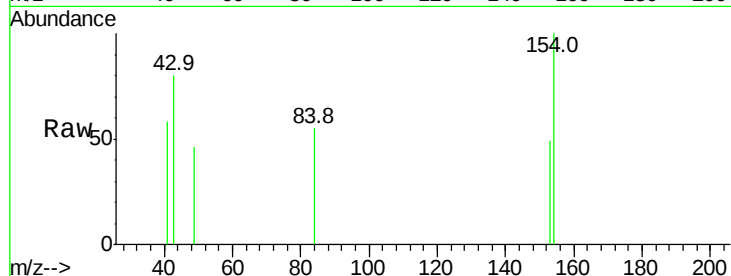
Tot Ion:154 Resp: 644

Ion Ratio Lower Upper

154 100

153 49.2 21.2 61.2

76 0.0 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

8.70

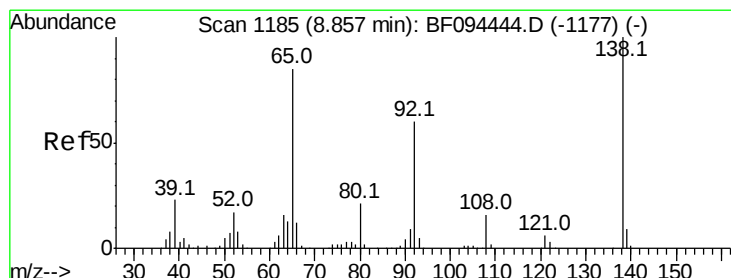
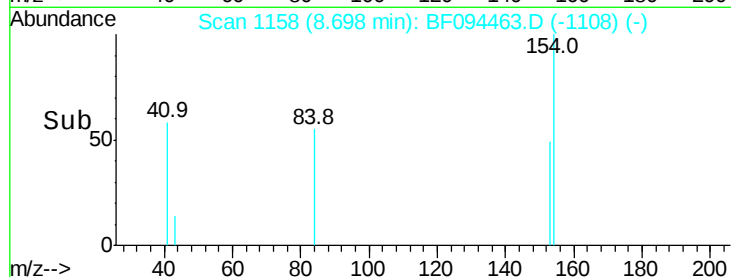
600

400

200

0

8.66 8.68 8.70 8.72



#47

2-Nitroaniline

Concen: 0.07 ng

RT: 8.76 min Scan# 1169

Delta R.T. -0.09 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

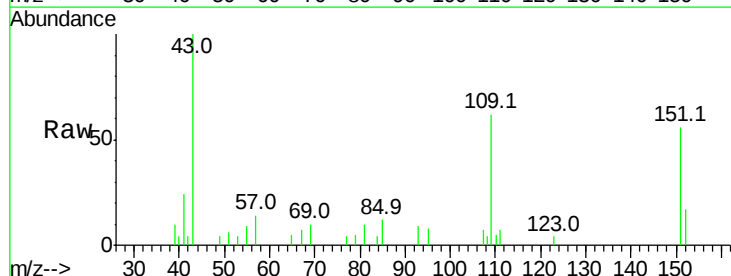
Tgt Ion: 65 Resp: 386

Ion Ratio Lower Upper

65 100

92 0.0 53.9 80.9#

138 0.0 78.8 118.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E

8.76

500

400

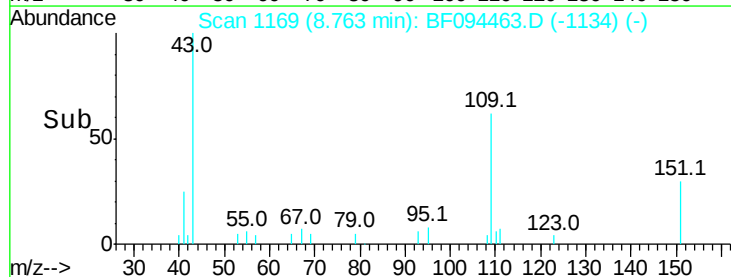
300

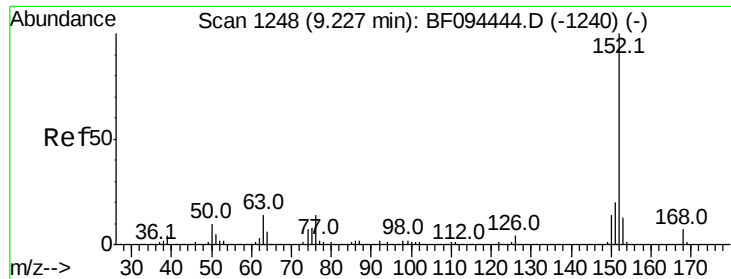
200

100

0

8.74 8.76 8.78





#48

Acenaphthylene

Concen: 0.13 ng

RT: 9.22 min Scan# 1246

Delta R.T. -0.01 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

Instrument :

BNA_F

ClientSampleId :

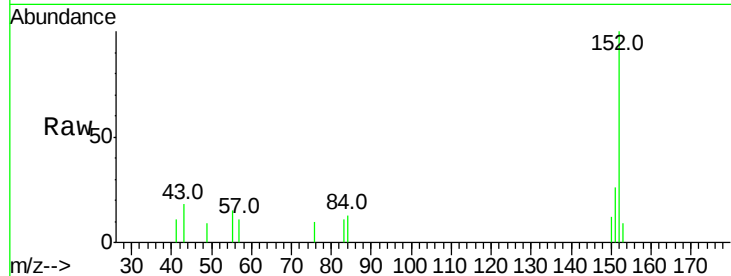
Tot Ion:152 Resp: 3787

Ion Ratio Lower Upper

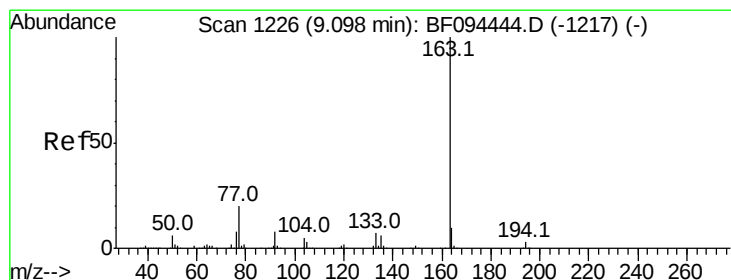
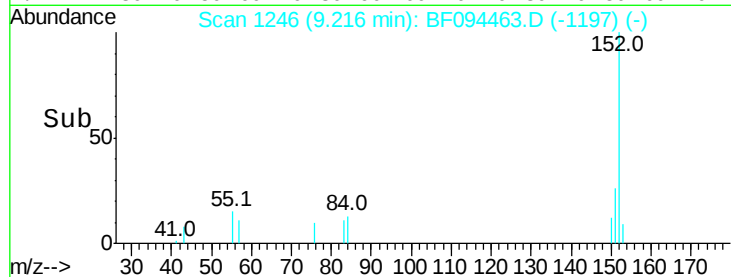
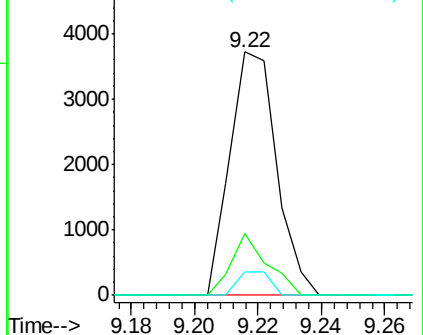
152 100

151 25.5 16.8 25.2#

153 9.4 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: 32.19 ng

RT: 9.09 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

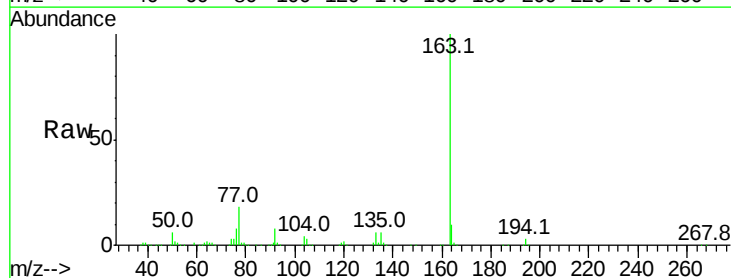
Tgt Ion:163 Resp: 664710

Ion Ratio Lower Upper

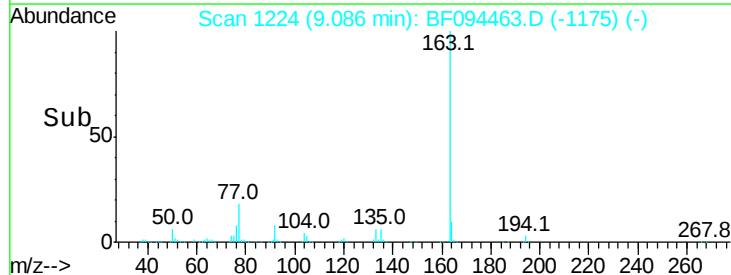
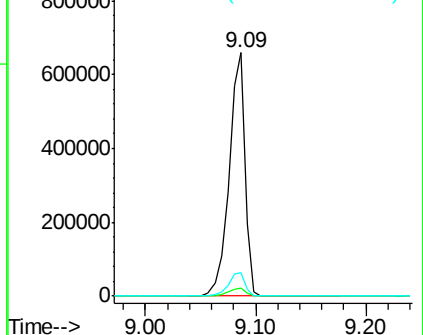
163 100

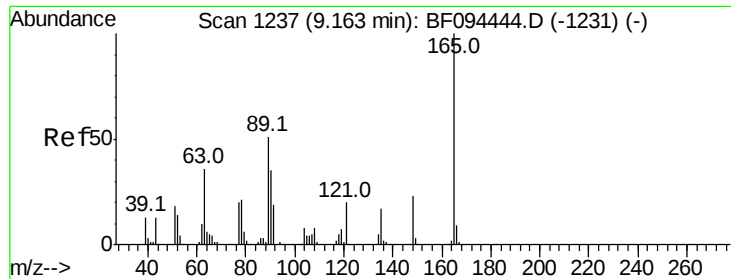
194 3.5 2.6 4.0

164 9.7 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

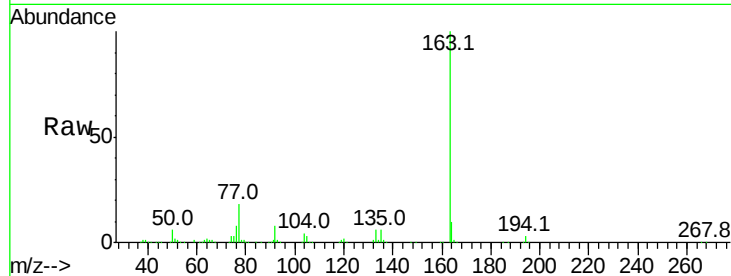




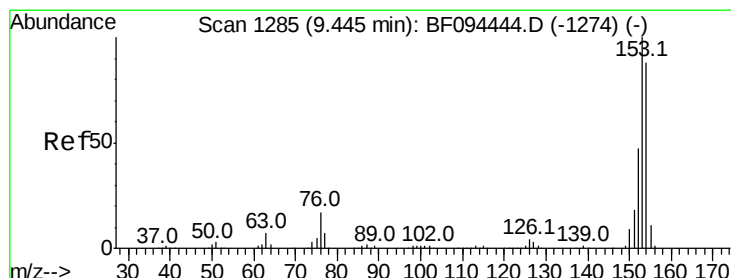
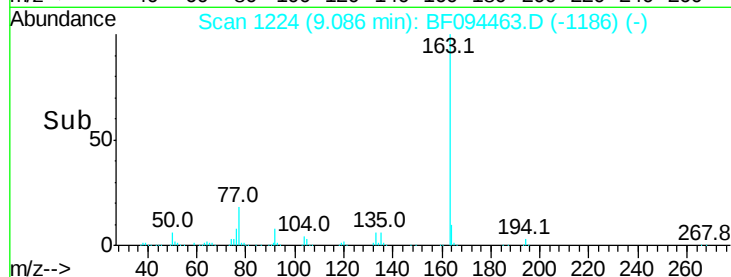
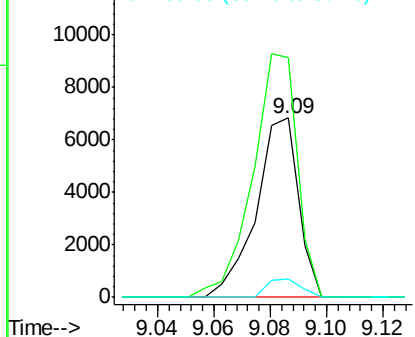
#50
2,6-Dinitrotoluene
Concen: 1.54 ng
RT: 9.09 min Scan# 1224
Delta R.T. -0.08 min
Lab File: BF094463.D
Acq: 17 Apr 2017 21:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 7136
Ion Ratio Lower Upper
165 100
63 133.7 34.3 51.5#
89 10.4 37.1 55.7#

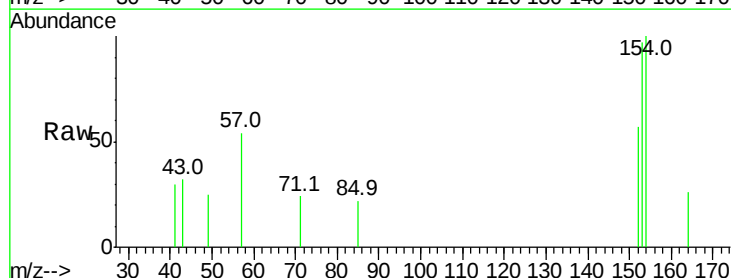


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

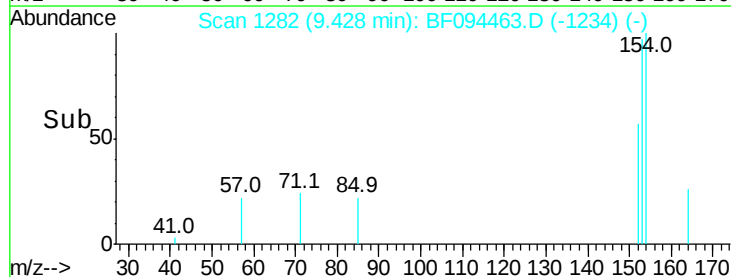
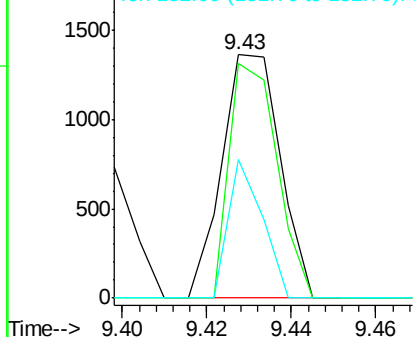


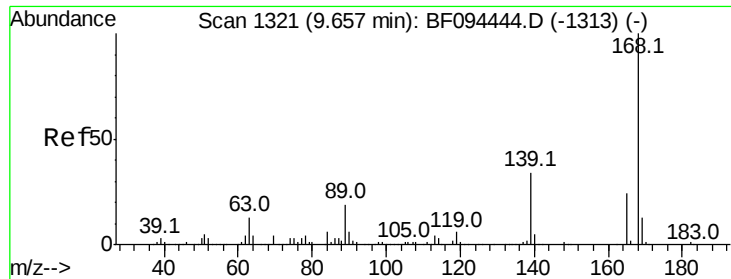
#51
Acenaphthene
Concen: 0.08 ng
RT: 9.43 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF094463.D
Acq: 17 Apr 2017 21:36

Tgt Ion:154 Resp: 1307
Ion Ratio Lower Upper
154 100
153 96.6 90.5 135.7
152 56.8 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





#54

Dibenzofuran

Concen: 0.08 ng

RT: 9.65 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

Instrument :

BNA_F

ClientSampleId :

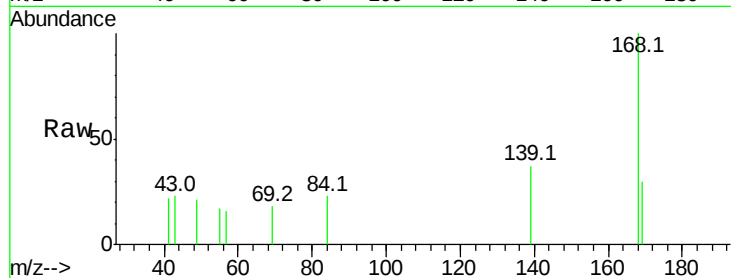
Tot Ion:168 Resp: 1848

Ion Ratio Lower Upper

168 100

139 36.7 30.6 45.8

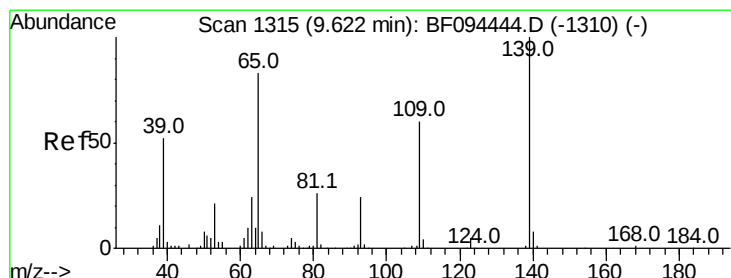
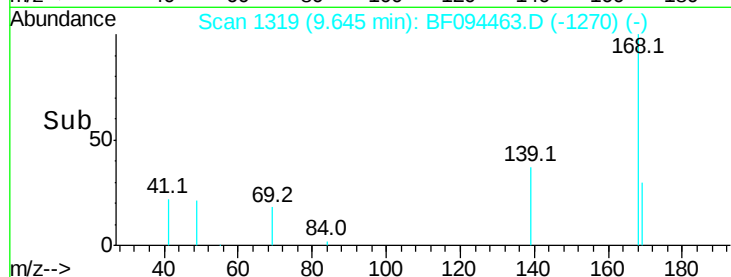
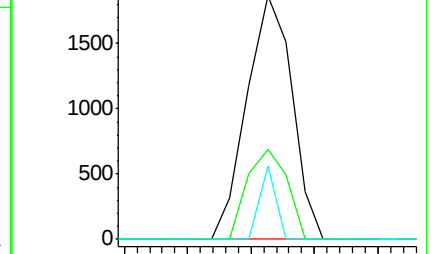
169 30.0 10.8 16.2#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 0.16 ng

RT: 9.65 min Scan# 1319

Delta R.T. 0.02 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

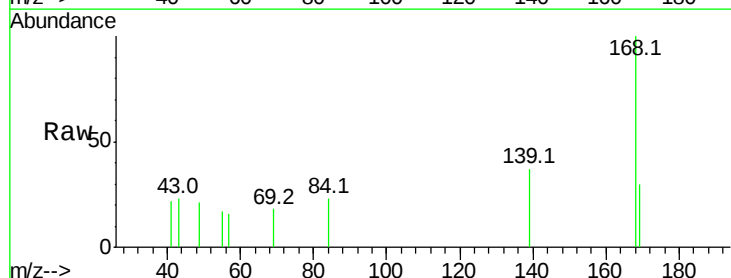
Tgt Ion:139 Resp: 594

Ion Ratio Lower Upper

139 100

109 0.0 34.1 74.1#

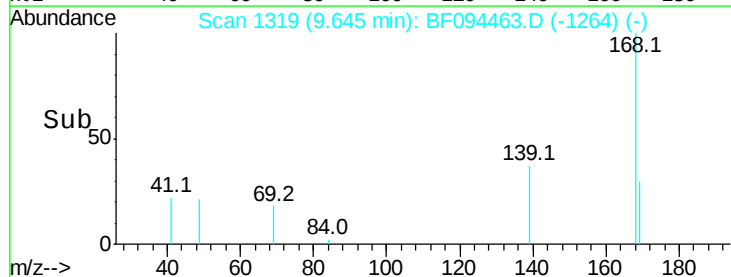
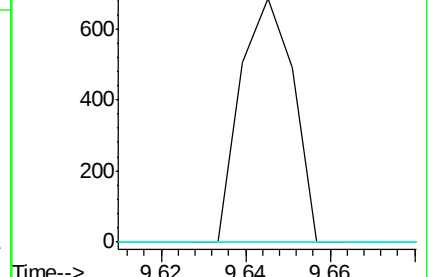
65 0.0 31.4 71.4#

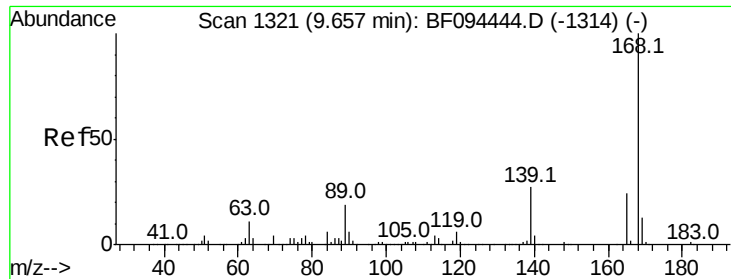


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

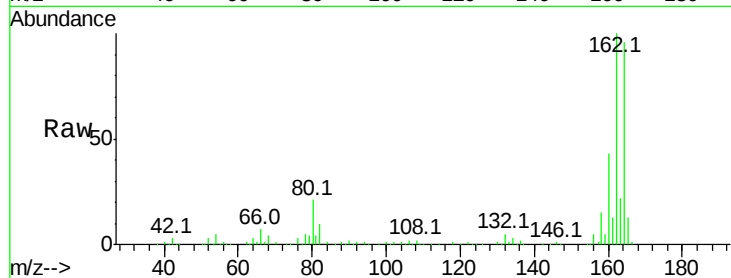




#56
2,4-Dinitrotoluene
Concen: 6.28 ng
RT: 9.39 min Scan# 1276
Delta R.T. -0.26 min
Lab File: BF094463.D
Acq: 17 Apr 2017 21:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	35719
Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#

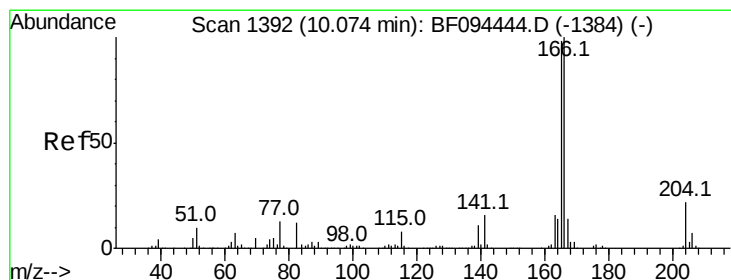
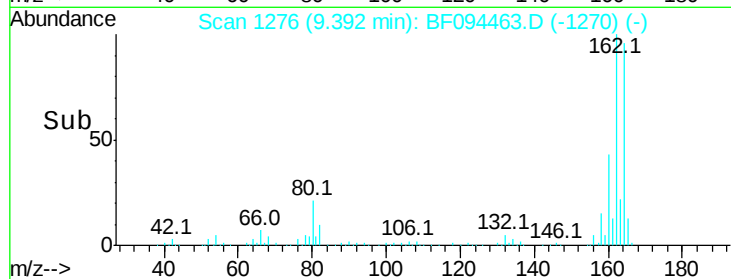
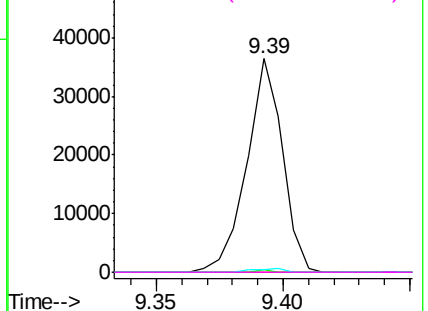


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

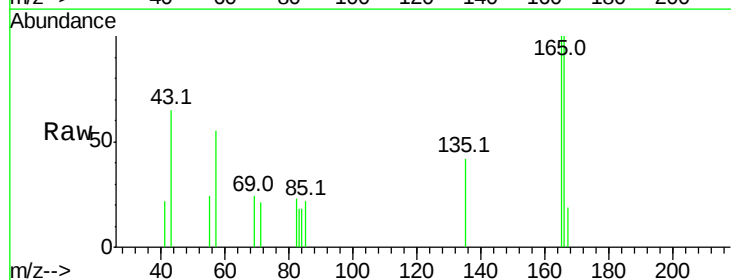
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 0.09 ng
RT: 10.07 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF094463.D
Acq: 17 Apr 2017 21:36

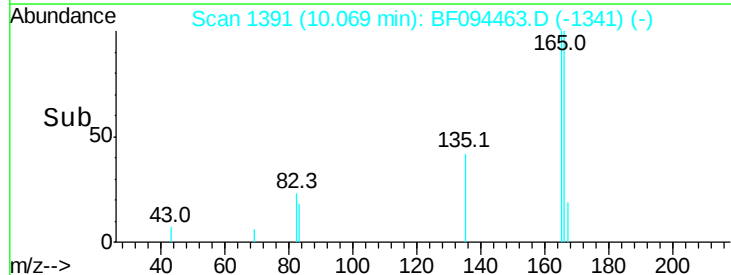
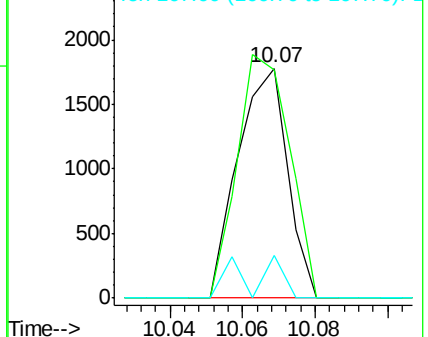
Tgt Ion:	166	Resp:	1689
Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.8	118.2
167	18.6	10.6	16.0#

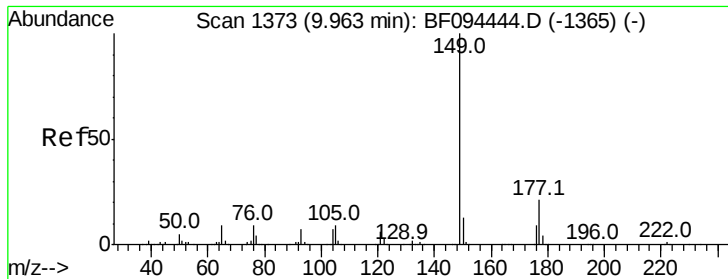


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

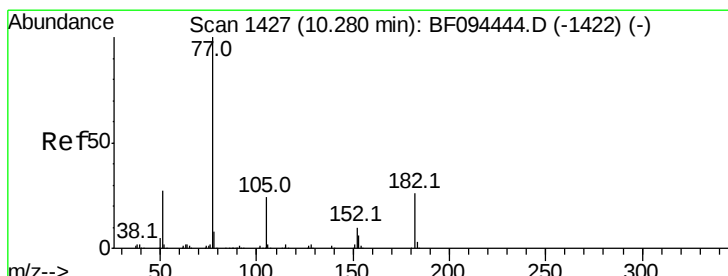
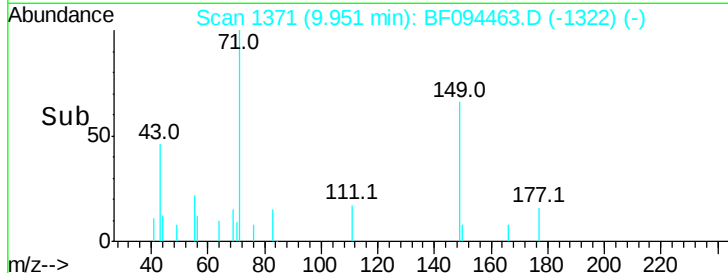
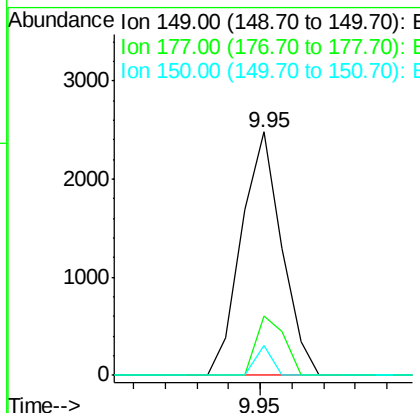
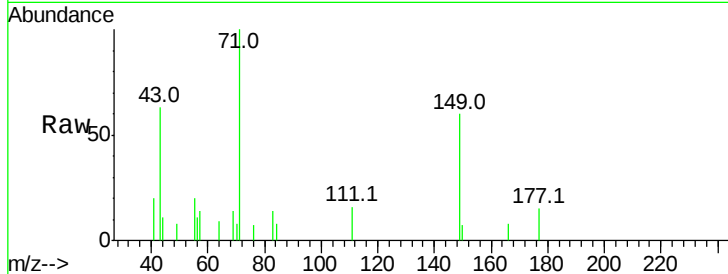




#59
Diethylphthalate
Concen: 0.11 ng
RT: 9.95 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF094463.D
Acq: 17 Apr 2017 21:36

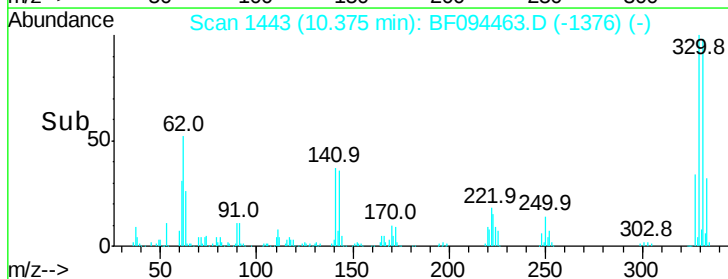
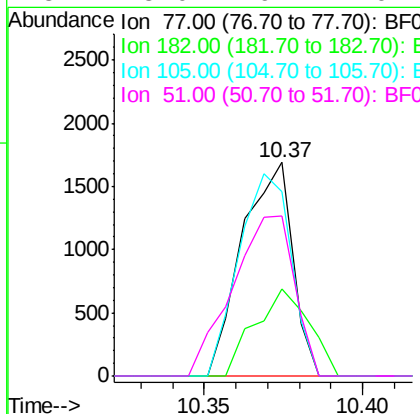
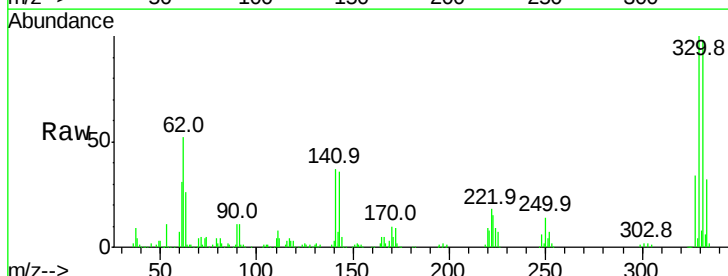
Instrument :
BNA_F
ClientSampleId :

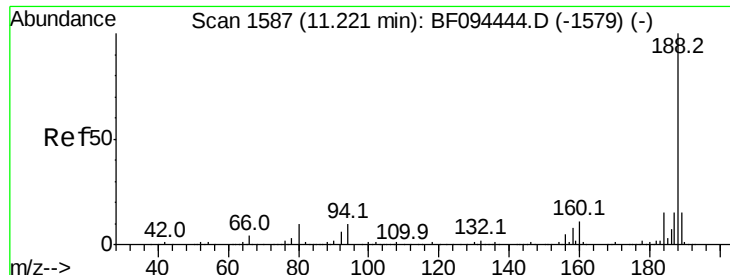
Tot Ion:149 Resp: 2186
Ion Ratio Lower Upper
149 100
177 24.5 16.7 25.1
150 12.3 10.2 15.2



#62
Azobenzene
Concen: 0.10 ng
RT: 10.37 min Scan# 1443
Delta R.T. 0.09 min
Lab File: BF094463.D
Acq: 17 Apr 2017 21:36

Tgt Ion: 77 Resp: 1854
Ion Ratio Lower Upper
77 100
182 40.9 0.1 40.1#
105 86.0 3.6 43.6#
51 75.0 9.4 49.4#

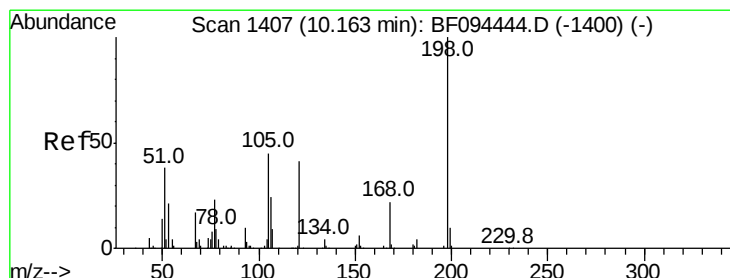
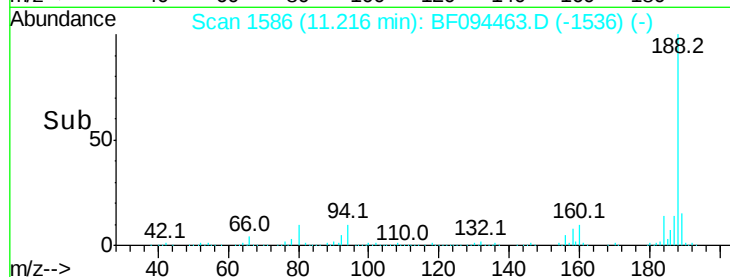
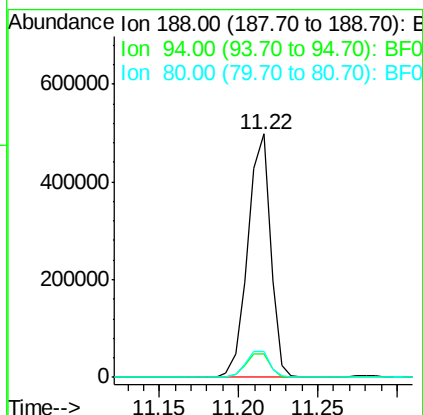
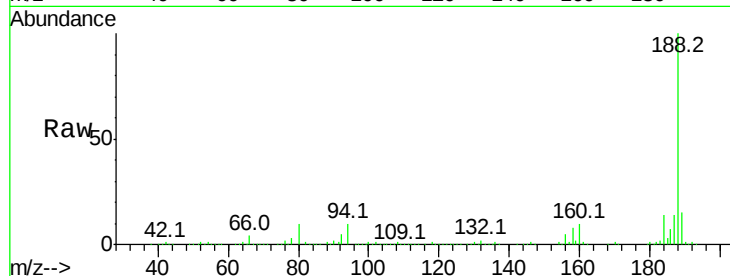




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF094463.D
Acq: 17 Apr 2017 21:36

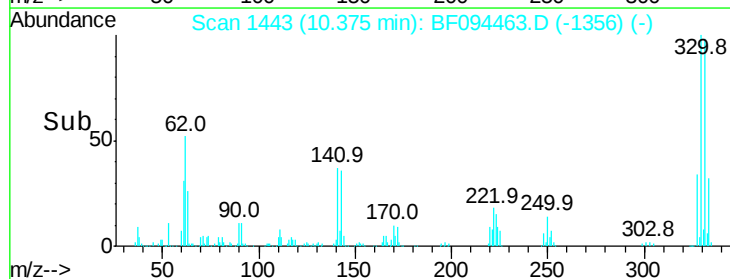
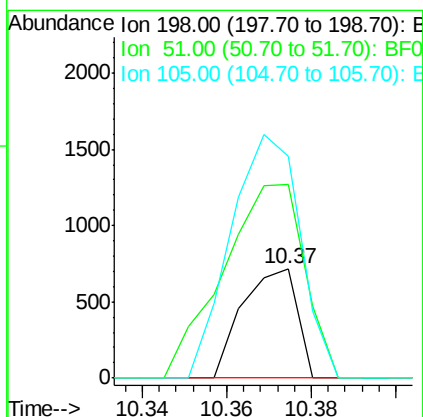
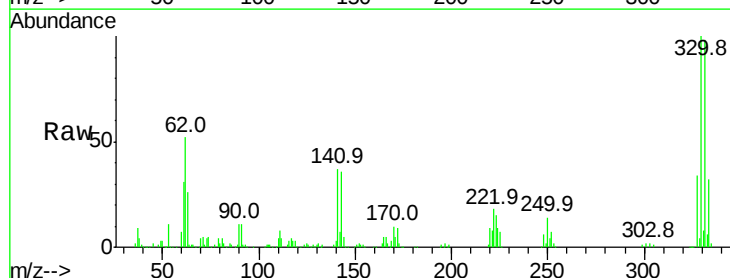
Instrument :
BNA_F
ClientSampleId :

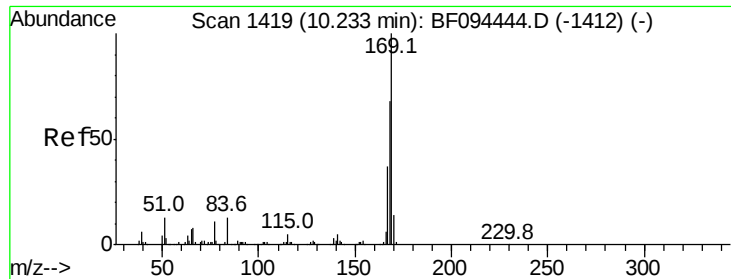
Tot Ion:188 Resp: 497433
Ion Ratio Lower Upper
188 100
94 9.8 9.4 14.2
80 10.5 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 0.20 ng
RT: 10.37 min Scan# 1443
Delta R.T. 0.21 min
Lab File: BF094463.D
Acq: 17 Apr 2017 21:36

Tgt Ion:198 Resp: 645
Ion Ratio Lower Upper
198 100
51 176.6 53.2 93.2#
105 202.5 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 0.62 ng

RT: 10.37 min Scan# 1443

Delta R.T. 0.14 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

Instrument :

BNA_F

ClientSampleId :

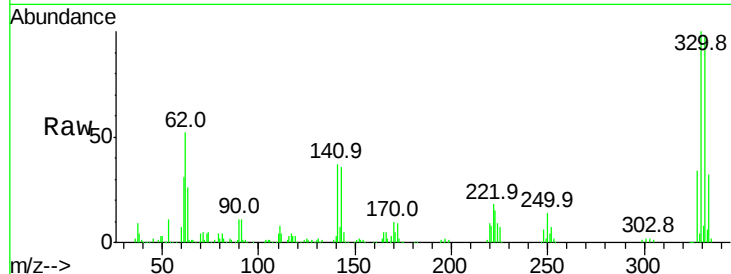
Tot Ion:169 Resp: 10751

Ion Ratio Lower Upper

169 100

168 9.9 53.2 79.8#

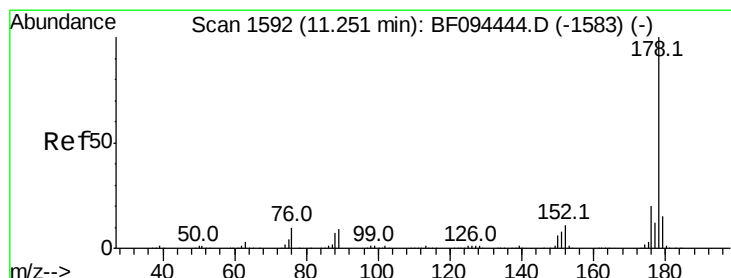
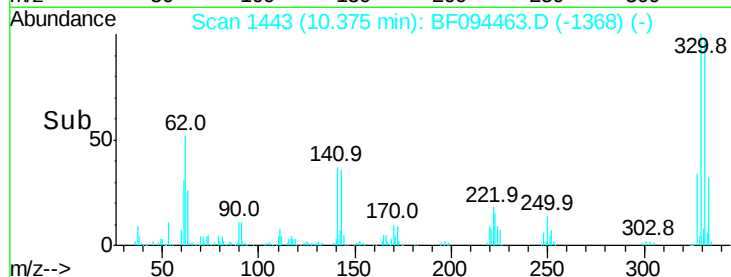
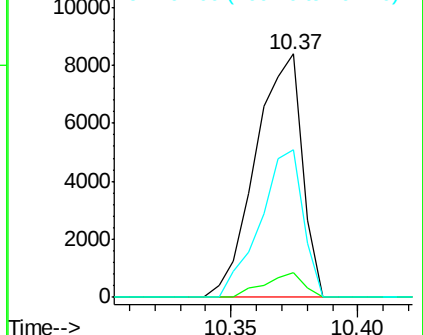
167 60.9 29.5 44.3#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 1.36 ng

RT: 11.24 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

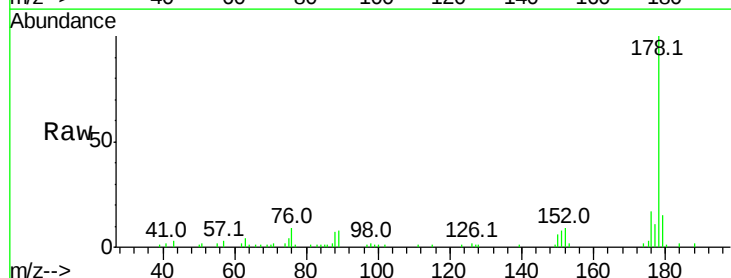
Tgt Ion:178 Resp: 38156

Ion Ratio Lower Upper

178 100

176 17.4 16.2 24.4

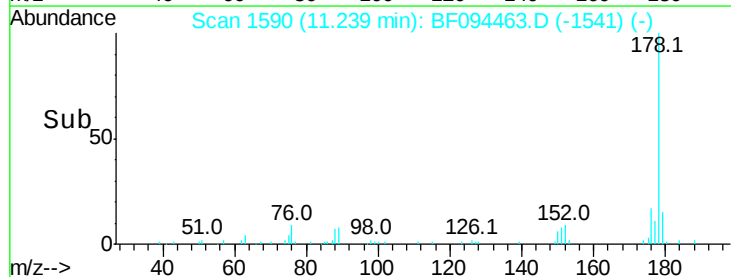
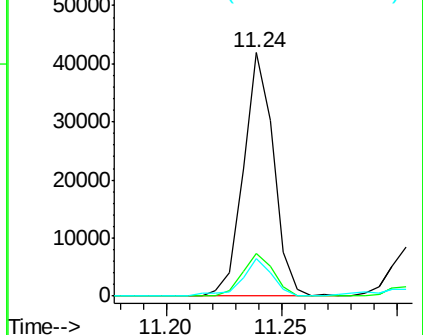
179 15.3 12.6 19.0

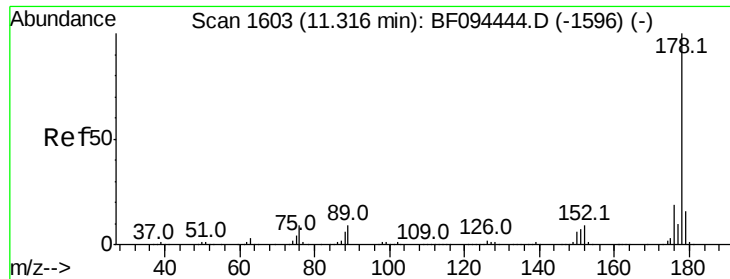


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

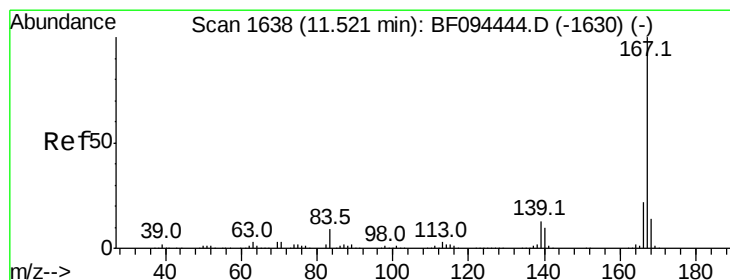
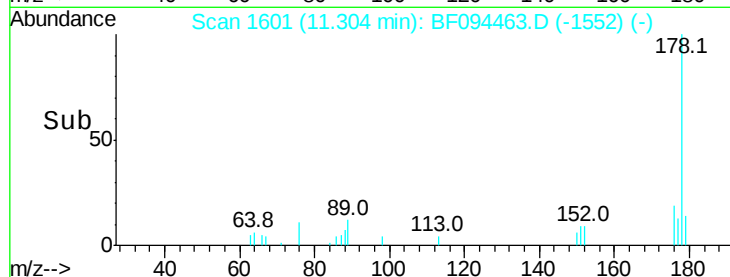
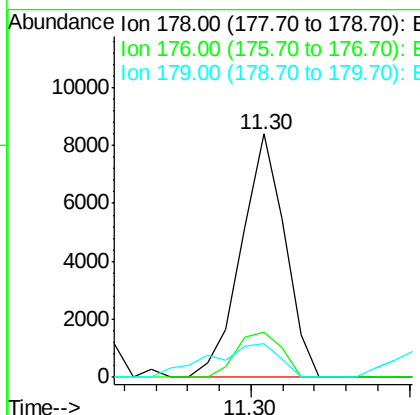
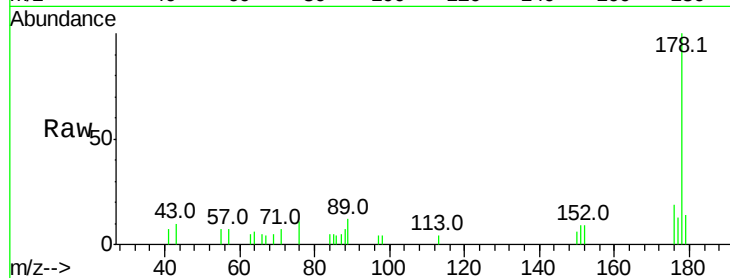




#71
 Anthracene
 Concen: 0.28 ng
 RT: 11.30 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF094463.D
 Acq: 17 Apr 2017 21:36

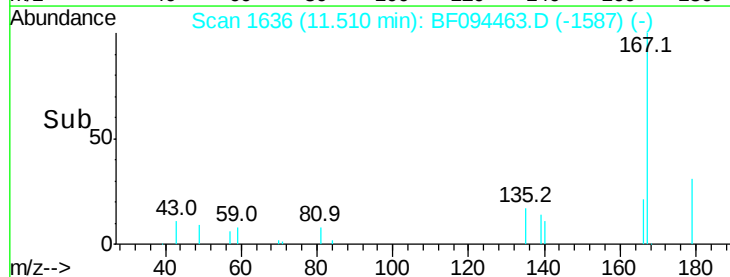
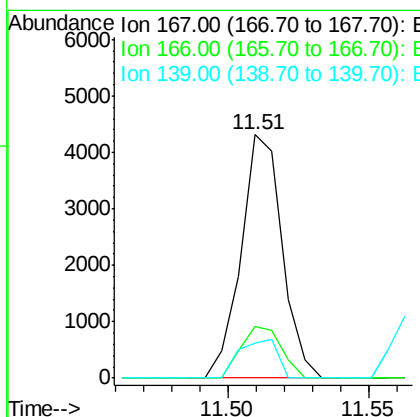
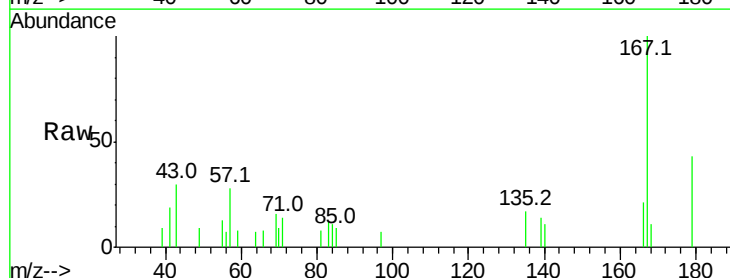
Instrument :
 BNA_F
 ClientSampleId :

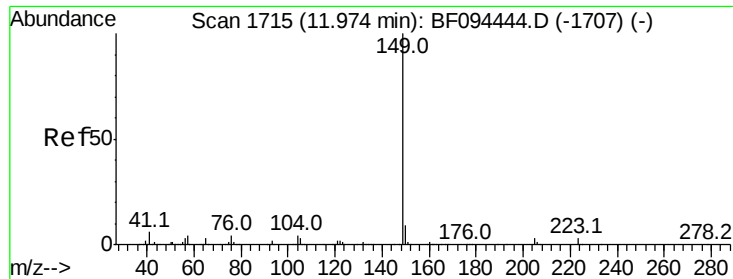
Tot Ion:178 Resp: 8029
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 13.9 12.7 19.1



#72
 Carbazole
 Concen: 0.16 ng
 RT: 11.51 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF094463.D
 Acq: 17 Apr 2017 21:36

Tgt Ion:167 Resp: 4352
 Ion Ratio Lower Upper
 167 100
 166 21.3 18.1 27.1
 139 14.4 11.7 17.5





#73

Di-n-butylphthalate

Concen: 0.24 ng

RT: 11.96 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

Instrument :

BNA_F

ClientSampleId :

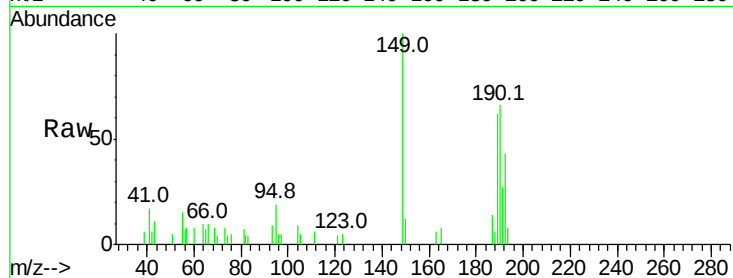
Tot Ion:149 Resp: 7172

Ion Ratio Lower Upper

149 100

150 11.6 7.7 11.5#

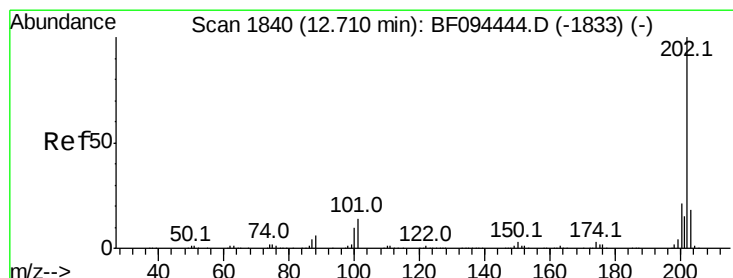
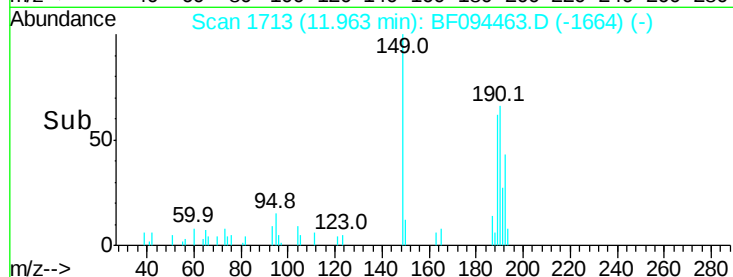
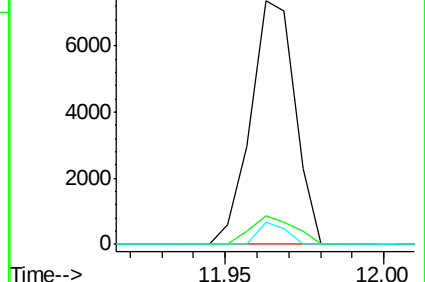
104 9.3 4.0 6.0#



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: 2.90 ng

RT: 12.70 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

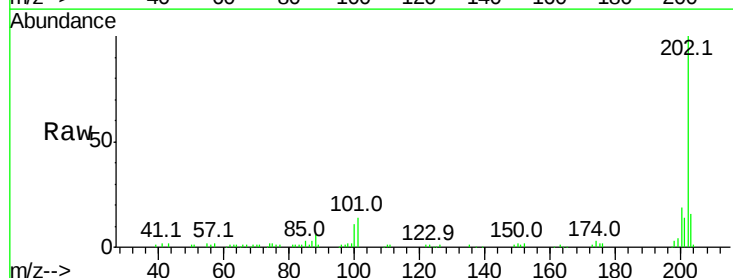
Tgt Ion:202 Resp: 84105

Ion Ratio Lower Upper

202 100

101 14.2 0.0 33.2

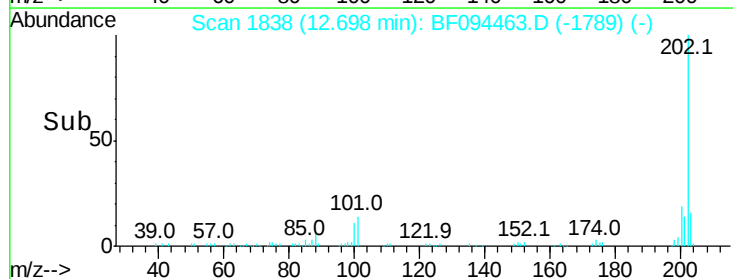
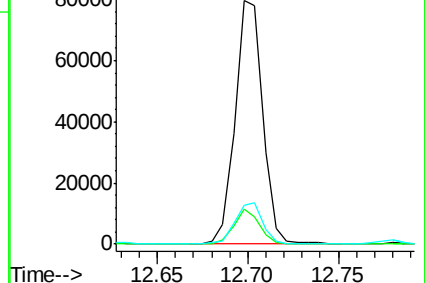
203 16.2 0.0 38.1

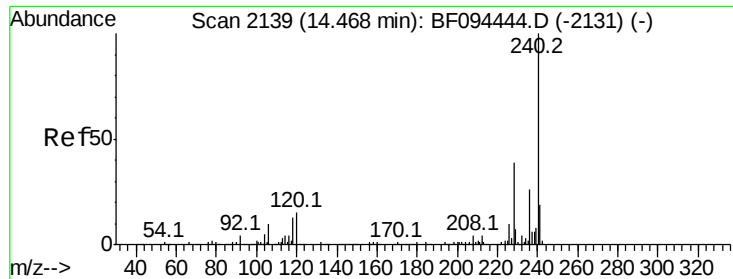


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

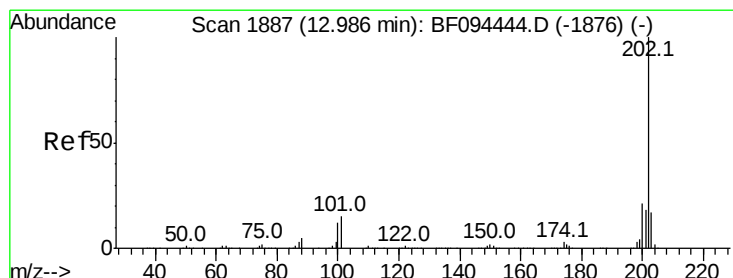
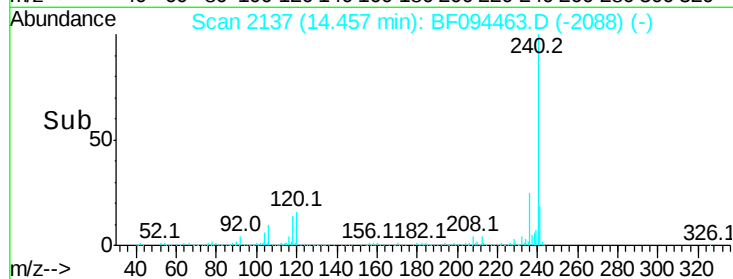
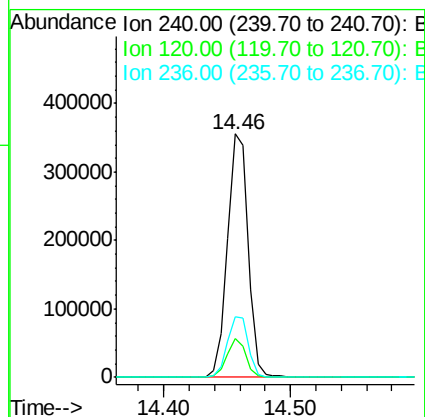
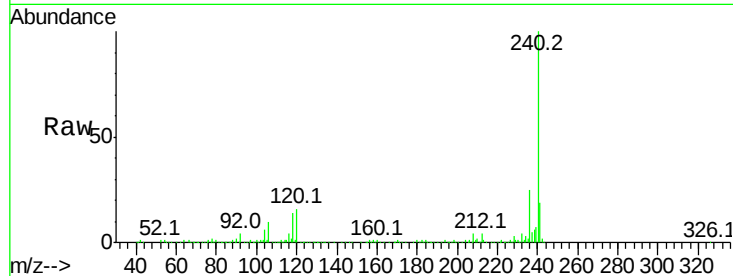




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.46 min Scan# 2137
 Delta R.T. -0.01 min
 Lab File: BF094463.D
 Acq: 17 Apr 2017 21:36

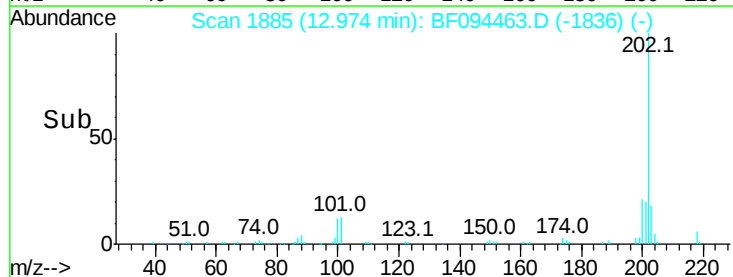
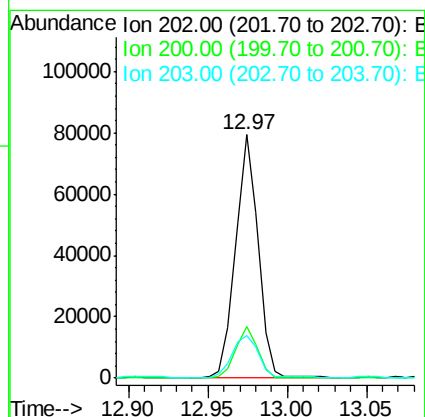
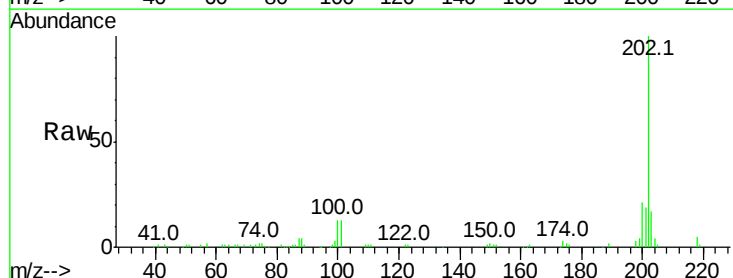
Instrument :
 BNA_F
 ClientSampleId :

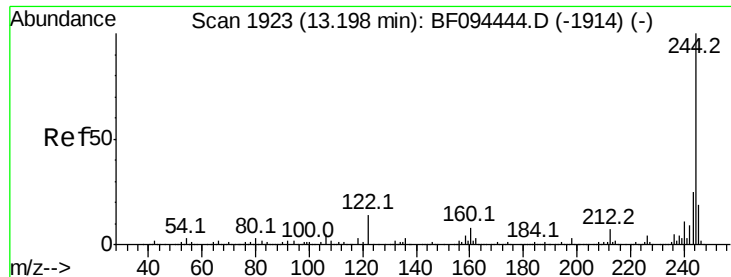
Tot Ion:240 Resp: 400048
 Ion Ratio Lower Upper
 240 100
 120 16.1 5.8 8.8#
 236 24.9 20.5 30.7



#77
 Pyrene
 Concen: 2.82 ng
 RT: 12.97 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: BF094463.D
 Acq: 17 Apr 2017 21:36

Tgt Ion:202 Resp: 78693
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.6 26.4
 203 17.5 14.4 21.6

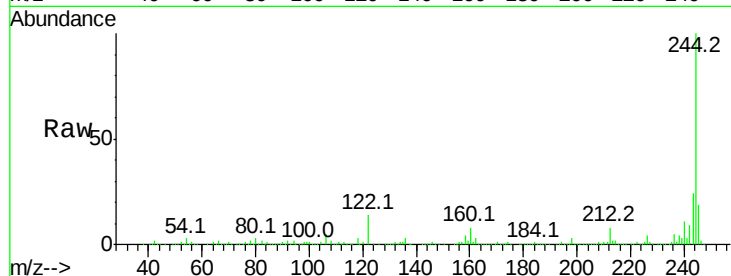




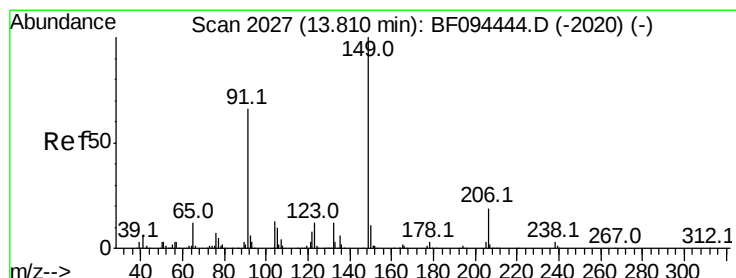
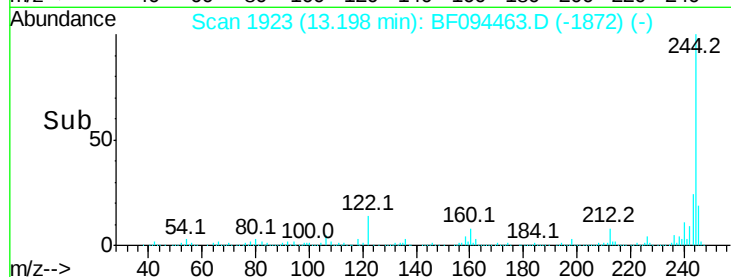
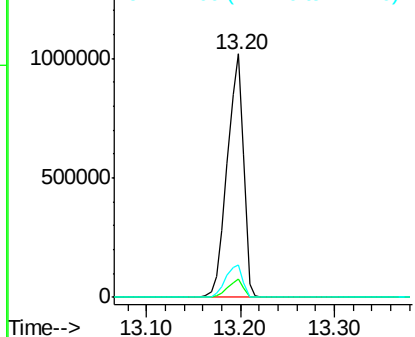
#78
 Terphenyl-d14
 Concen: 82.36 ng
 RT: 13.20 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF094463.D
 Acq: 17 Apr 2017 21:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1232612
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 13.6 10.3 15.5

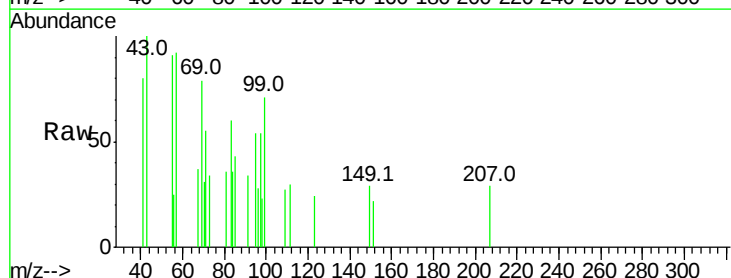


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

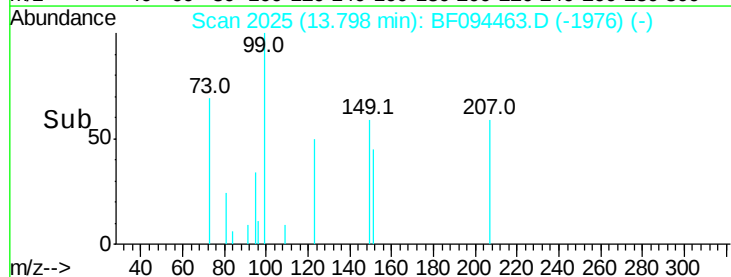
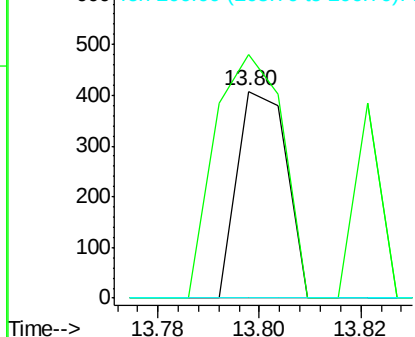


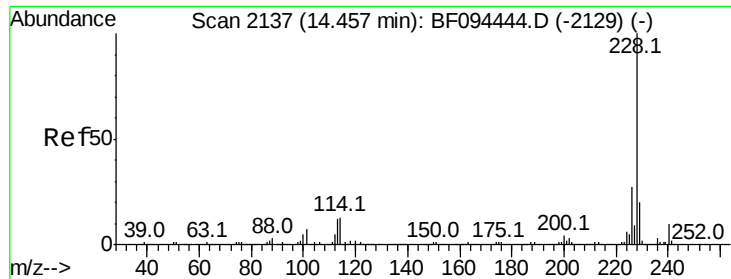
#79
 Butylbenzylphthalate
 Concen: 0.02 ng
 RT: 13.80 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF094463.D
 Acq: 17 Apr 2017 21:36

Tgt Ion:149 Resp: 278
 Ion Ratio Lower Upper
 149 100
 91 117.6 45.0 67.4#
 206 0.0 17.0 25.6#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 1.48 ng

RT: 14.44 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

Instrument :

BNA_F

ClientSampleId :

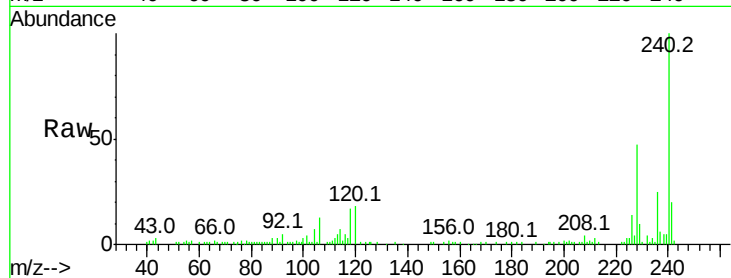
Tot Ion:228 Resp: 34453

Ion Ratio Lower Upper

228 100

226 30.5 22.6 33.8

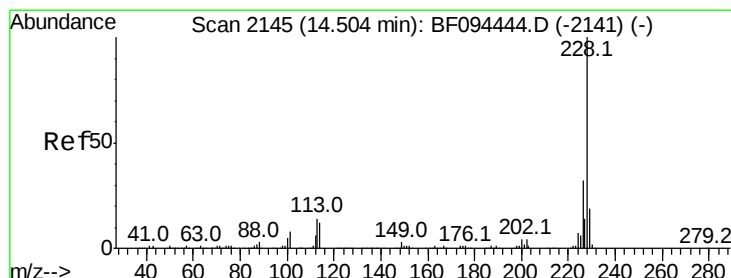
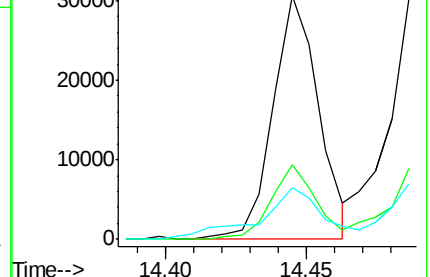
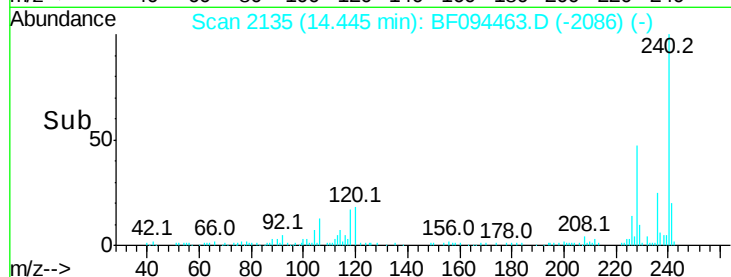
229 21.3 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 1.63 ng

RT: 14.49 min Scan# 2142

Delta R.T. -0.02 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

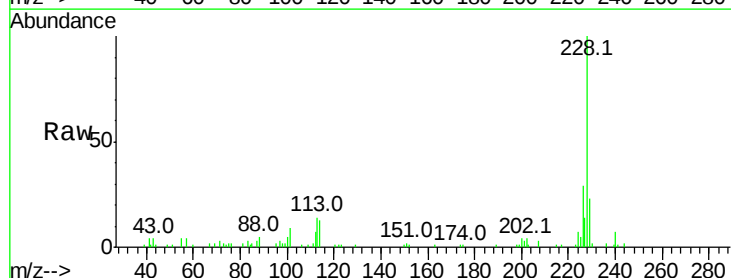
Tgt Ion:228 Resp: 34694

Ion Ratio Lower Upper

228 100

226 29.4 24.9 37.3

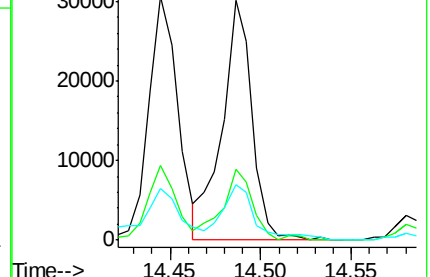
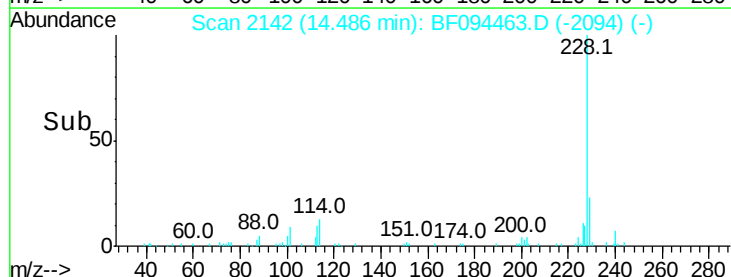
229 23.1 15.8 23.6

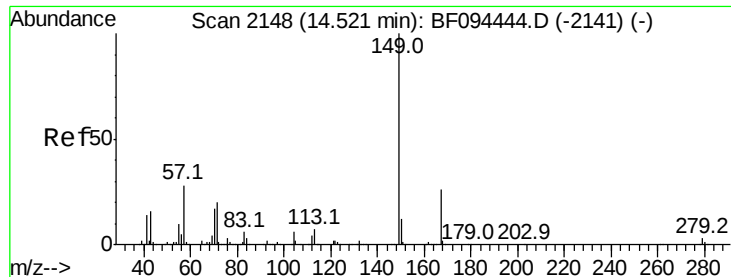


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

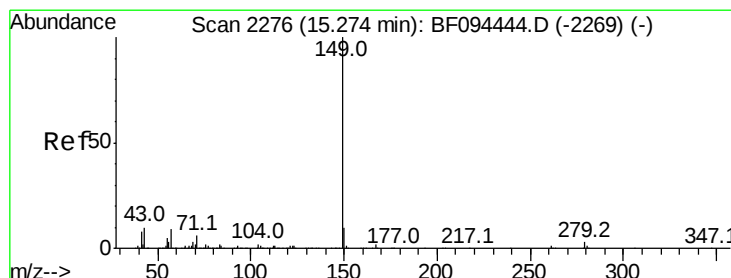
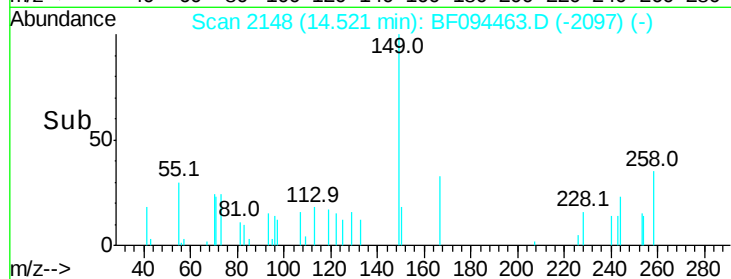
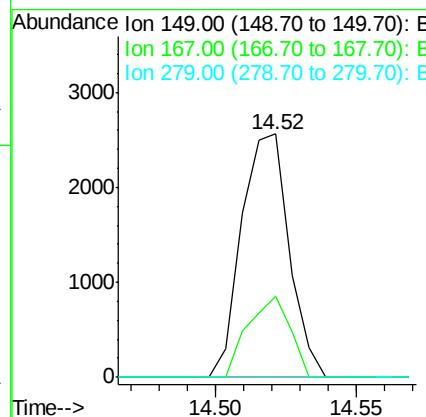
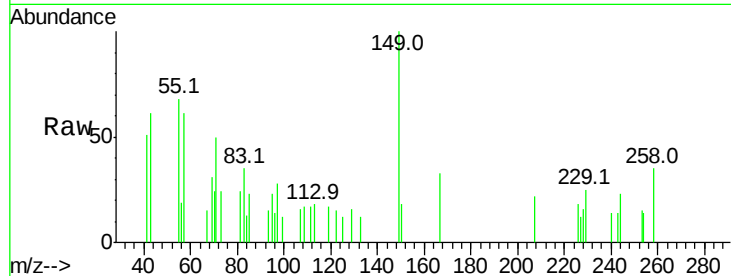




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.18 ng
 RT: 14.52 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: BF094463.D
 Acq: 17 Apr 2017 21:36

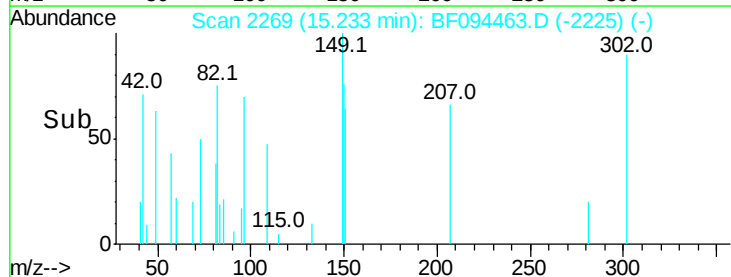
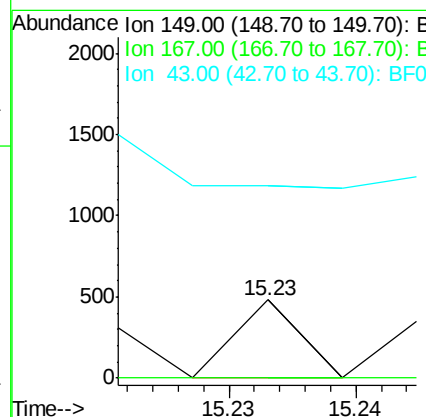
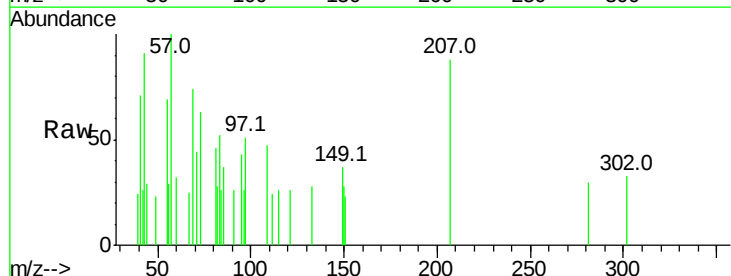
Instrument :
 BNA_F
 ClientSampleId :

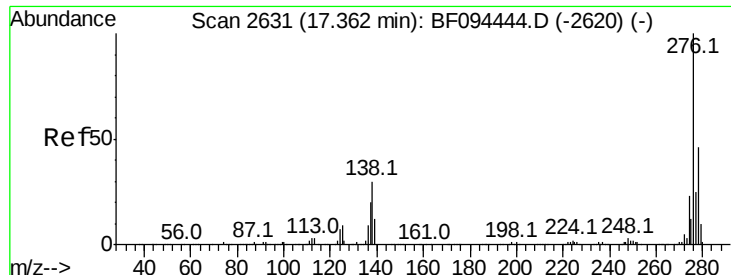
Tot Ion:149 Resp: 2989
 Ion Ratio Lower Upper
 149 100
 167 33.5 21.0 31.4#
 279 0.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 0.01 ng
 RT: 15.23 min Scan# 2269
 Delta R.T. -0.04 min
 Lab File: BF094463.D
 Acq: 17 Apr 2017 21:36

Tgt Ion:149 Resp: 170
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 0.0 8.5 12.7#

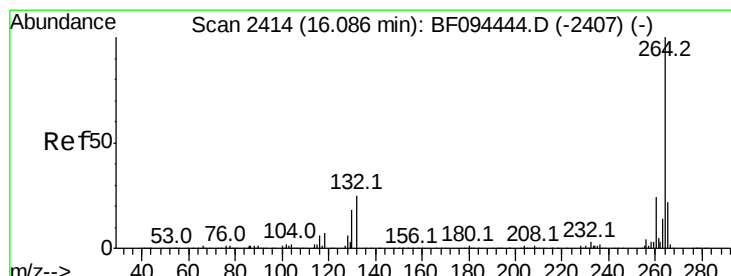
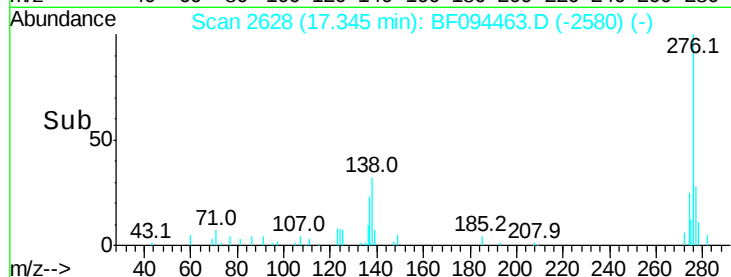
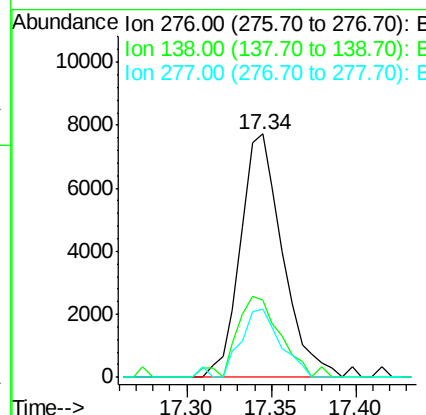
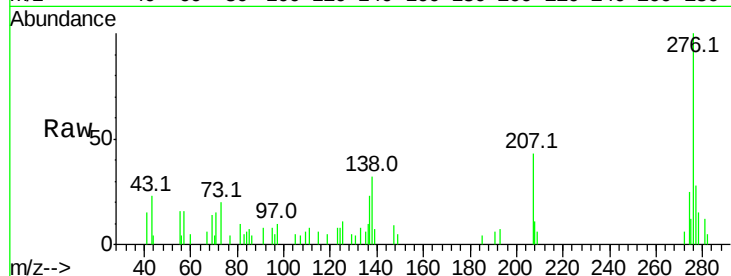




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.66 ng
 RT: 17.34 min Scan# 2628
 Delta R.T. -0.02 min
 Lab File: BF094463.D
 Acq: 17 Apr 2017 21:36

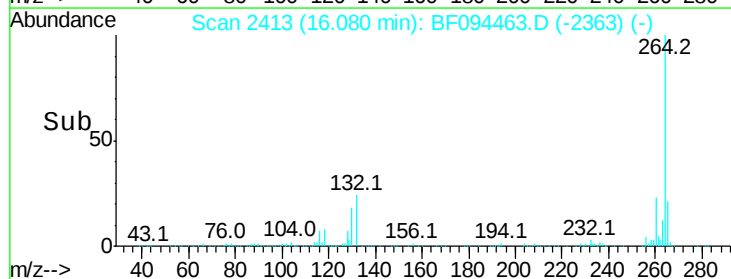
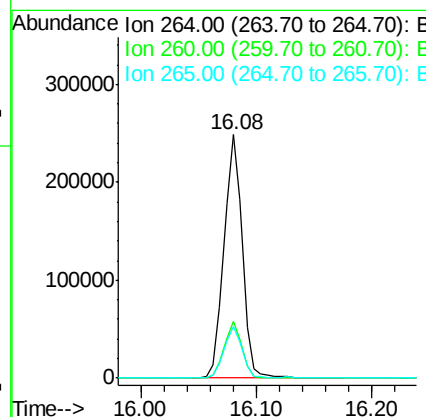
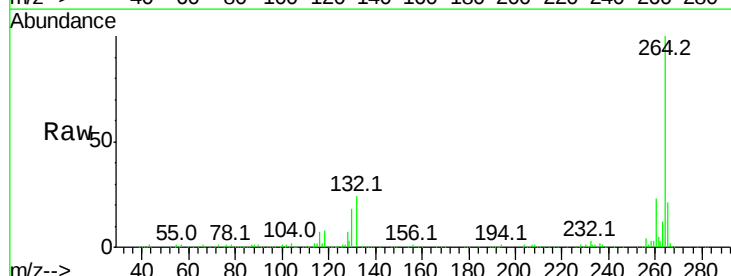
Instrument :
 BNA_F
 ClientSampleId :

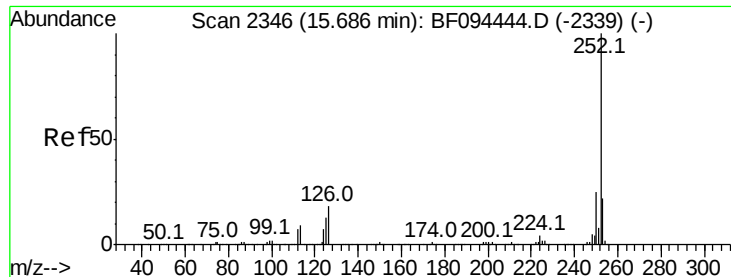
Tot Ion:276 Resp: 13421
 Ion Ratio Lower Upper
 276 100
 138 34.9 27.8 41.6
 277 25.9 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BF094463.D
 Acq: 17 Apr 2017 21:36

Tgt Ion:264 Resp: 272970
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.0 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 2.62 ng

RT: 15.68 min Scan# 2345

Delta R.T. -0.01 min

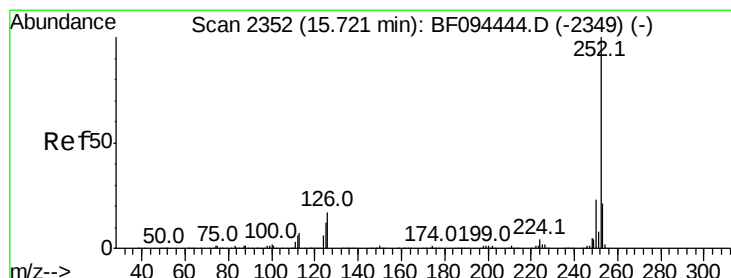
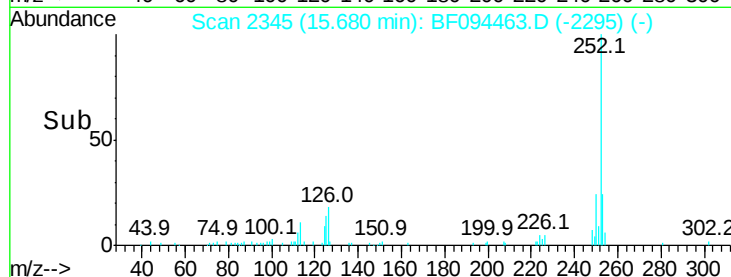
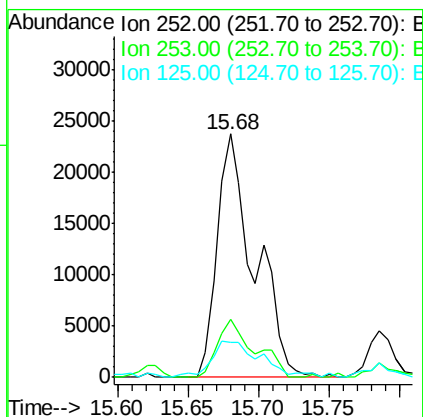
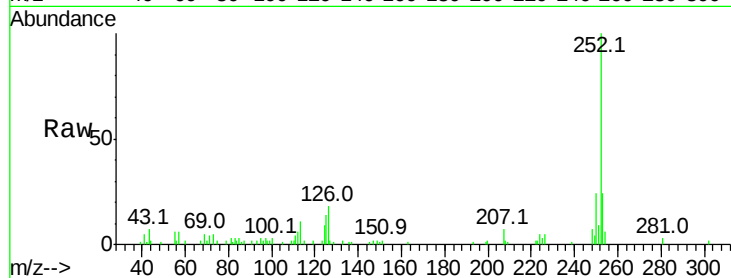
Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 43827

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.1	27.1
125	14.4	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 2.77 ng

RT: 15.68 min Scan# 2345

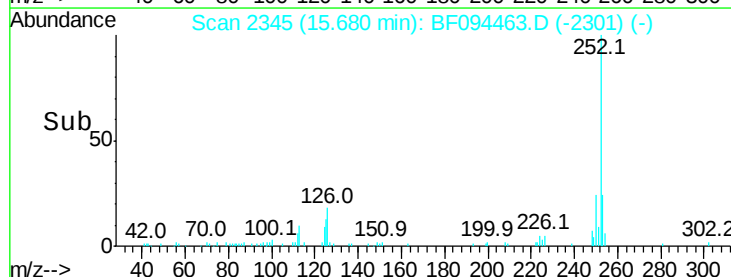
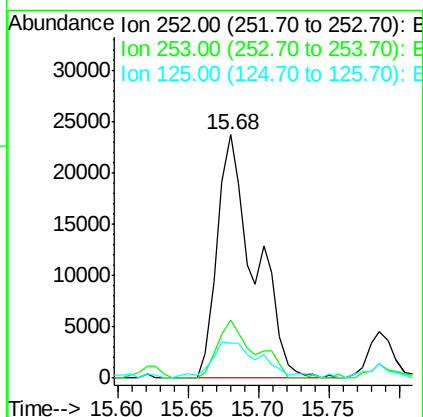
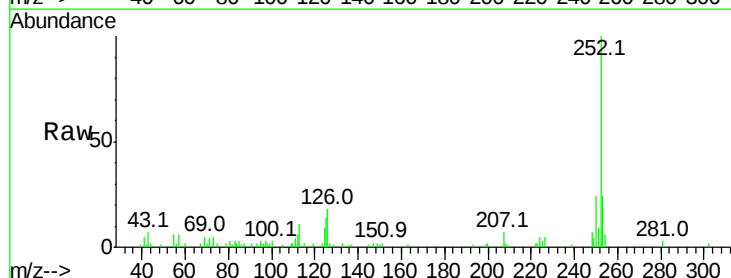
Delta R.T. -0.04 min

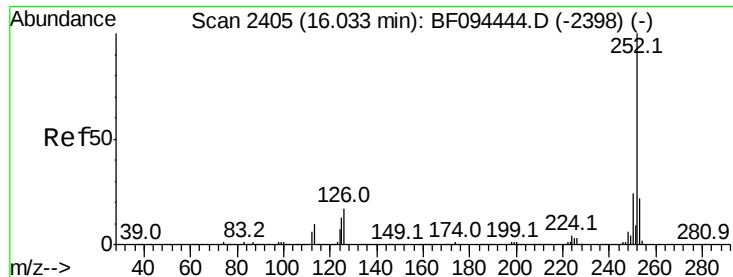
Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

Tgt Ion:252 Resp: 43827

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	14.4	13.1	19.7

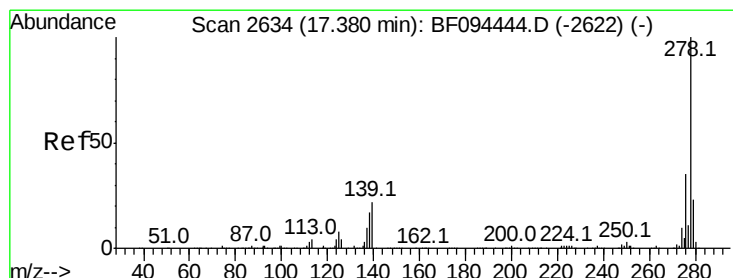
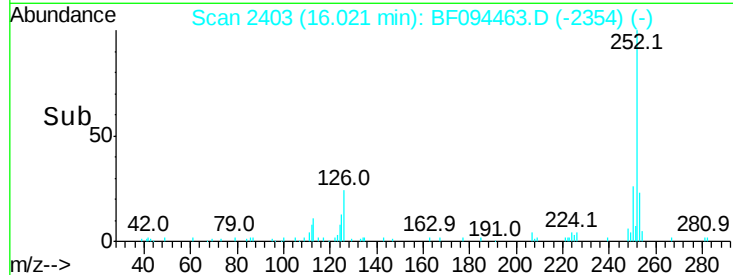
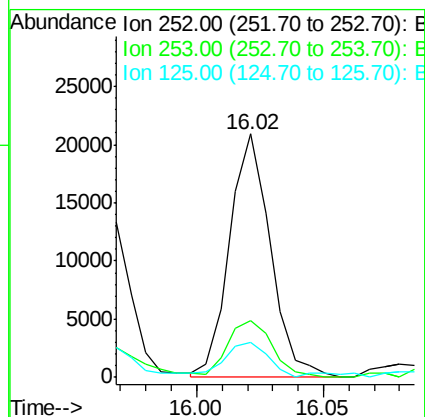
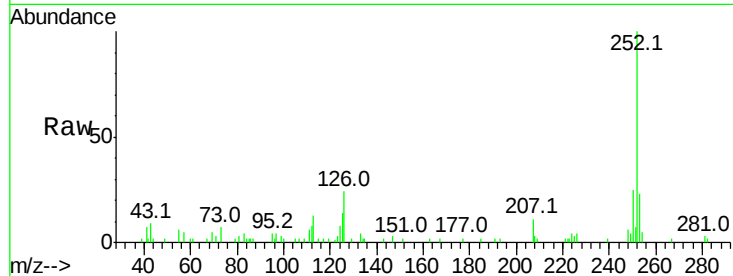




#89
Benzo(a)pyrene
Concen: 1.51 ng
RT: 16.02 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BF094463.D
Acq: 17 Apr 2017 21:36

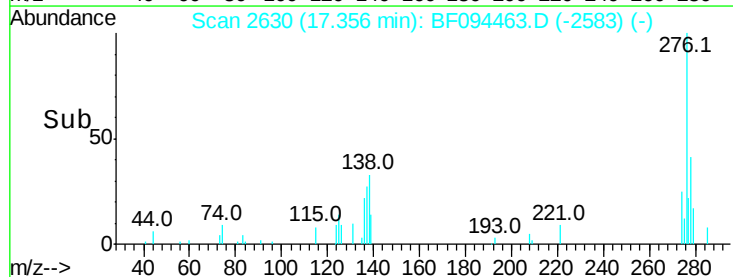
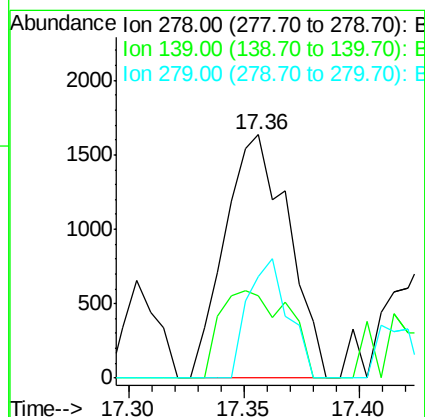
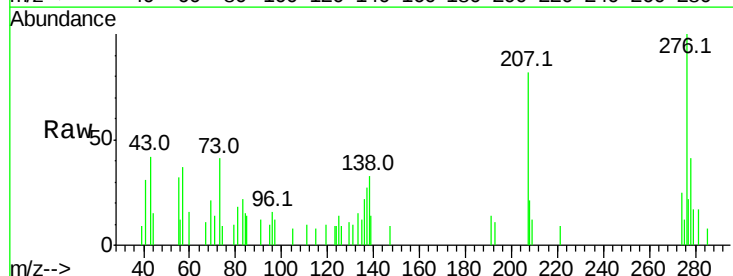
Instrument :
BNA_F
ClientSampled :

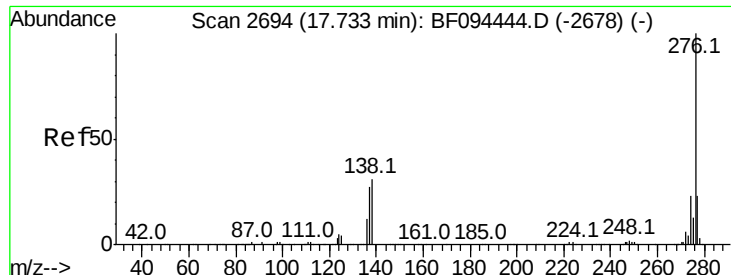
Tot Ion:252 Resp: 23478
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 14.4 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 0.24 ng
RT: 17.36 min Scan# 2630
Delta R.T. -0.02 min
Lab File: BF094463.D
Acq: 17 Apr 2017 21:36

Tgt Ion:278 Resp: 3135
Ion Ratio Lower Upper
278 100
139 33.7 16.6 24.8#
279 41.9 19.3 28.9#





#91

Benzo(a,h,i)perylene

Concen: 0.99 ng

RT: 17.72 min Scan# 2691

Delta R.T. -0.02 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

Instrument :

BNA_F

ClientSampleId :

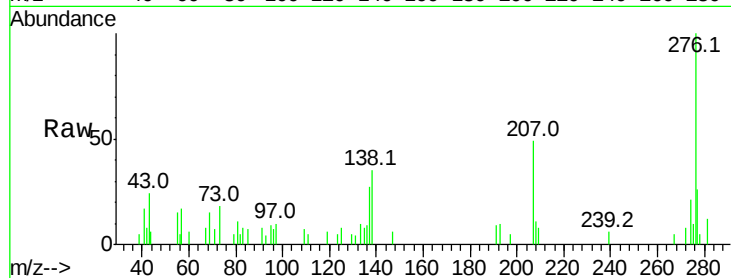
Tot Ion:276 Resp: 13038

Ion Ratio Lower Upper

276 100

277 25.7 18.6 28.0

138 35.2 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

