

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
 Data File : BF094833.D
 Acq On : 3 May 2017 13:40
 Operator : SJ/MA
 Sample : I2923-06DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 6TH-ST-PURGE-WATER(COMP)DL

Quant Time: May 03 15:11:49 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 17:18:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	80138	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	339715	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	139861	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	225283	20.00	ng	0.00
75) Chrysene-d12	18.64	240	193592	20.00	ng	-0.01
86) Perylene-d12	20.31	264	154200	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	16632	3.46	ng	0.03
7) Phenol-d6	7.30	99	23604	4.09	ng	0.02
23) Nitrobenzene-d5	8.62	82	77393	14.37	ng	-0.02
41) 2,4,6-Tribromophenol	13.88	330	7669	6.70	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	187483	19.29	ng	-0.01
78) Terphenyl-d14	17.30	244	122723	13.96	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	109	0.046	ng	# 21
9) Benzaldehyde	7.05	77	111	0.032	ng	# 1
15) Benzyl Alcohol	7.96	79	1243	0.335	ng	# 40
18) Hexachloroethane	8.44	117	286	0.134	ng	# 1
22) Acetophenone	8.20	105	116	0.014	ng	# 6
24) Nitrobenzene	8.76	77	1152	0.204	ng	# 39
25) Isophorone	8.84	82	108	0.011	ng	# 67
27) 2,4-Dimethylphenol	9.36	122	118	0.024	ng	# 5
31) Naphthalene	9.78	128	903198	52.899	ng	99
37) 2-Methylnaphthalene	10.91	142	99496	8.879	ng	97
45) 1,1'-Biphenyl	11.52	154	128	0.011	ng	# 1
48) Acenaphthylene	12.34	152	94502	6.345	ng	98
49) Dimethylphthalate	12.22	163	4257	0.371	ng	# 96
51) Acenaphthene	11.52	154	128	0.011	ng	# 1
54) Dibenzofuran	12.92	168	46791	3.801	ng	99
57) Fluorene	13.47	166	41447	3.872	ng	94
59) Diethylphthalate	13.37	149	747	0.068	ng	# 60
61) 4-Nitroaniline	13.47	138	373	0.162	ng	# 25
62) Azobenzene	13.48	77	118	0.013	ng	# 3
65) n-Nitrosodiphenylamine	13.69	169	161	0.020	ng	# 1
70) Phenanthrene	15.01	178	72372	5.591	ng	97
71) Anthracene	15.10	178	12373	0.936	ng	96
72) Carbazole	15.38	167	43040	3.578	ng	# 93
73) Di-n-butylphthalate	15.95	149	423	0.028	ng	# 78
74) Fluoranthene	16.76	202	15774	1.188	ng	94
77) Pyrene	17.06	202	13985	0.966	ng	97
80) Benzo(a)anthracene	18.63	228	2372	0.211	ng	# 73
82) Chrysene	18.67	228	2171	0.199	ng	# 73
83) Bis(2-ethylhexyl)phthalate	18.71	149	1161	0.121	ng	# 52
84) Di-n-octyl phthalate	19.48	149	449	0.029	ng	# 49
85) Indeno(1,2,3-cd)pyrene	21.62	276	107	0.012	ng	# 44
87) Benzo(b)fluoranthene	19.91	252	1467	0.154	ng	# 77
88) Benzo(k)fluoranthene	19.91	252	1467	0.160	ng	# 74
89) Benzo(a)pyrene	20.25	252	1125	0.128	ng	# 24

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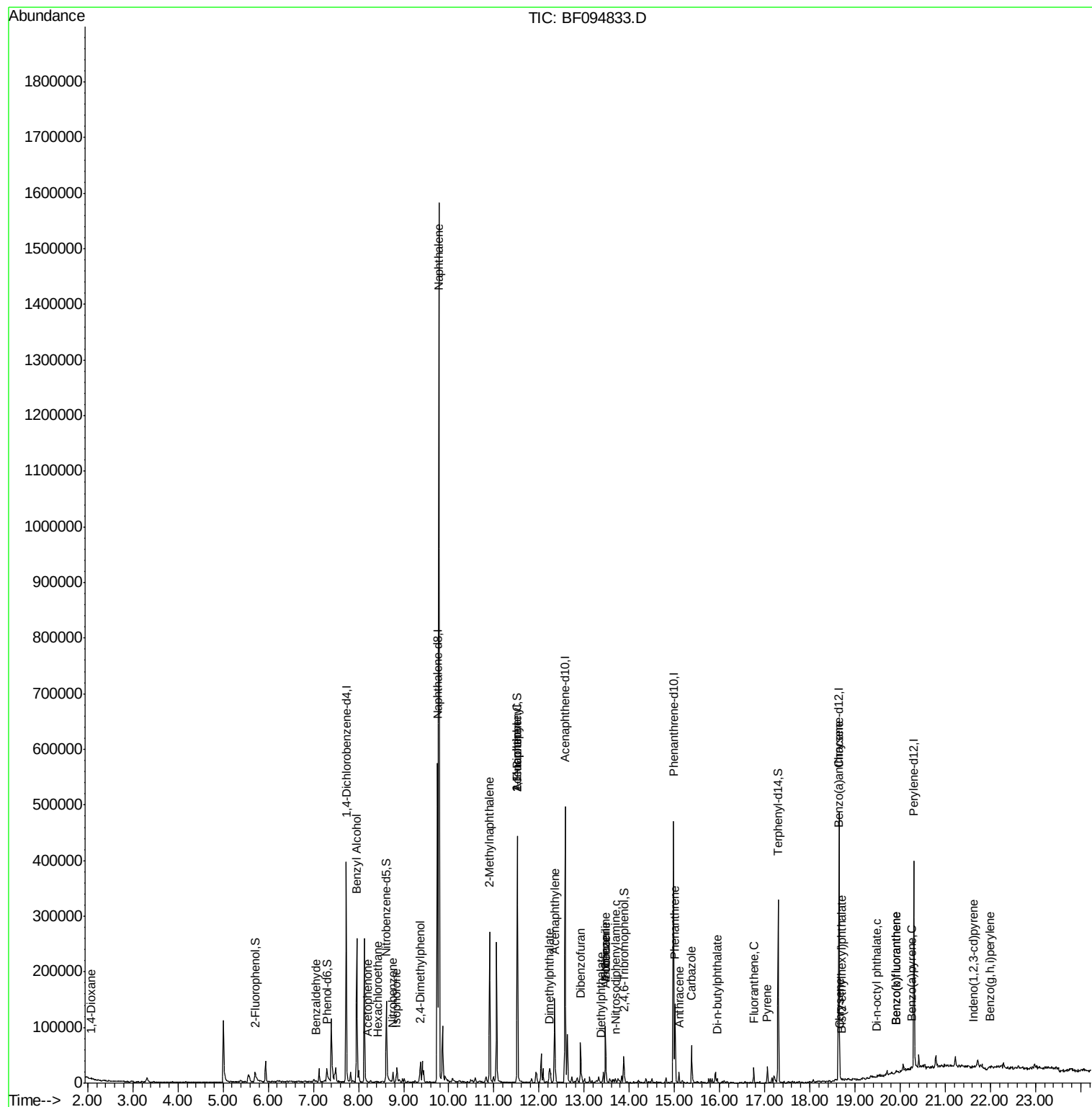
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(g,h,i)perylene	21.99	276	120	0.017	ng	# 47

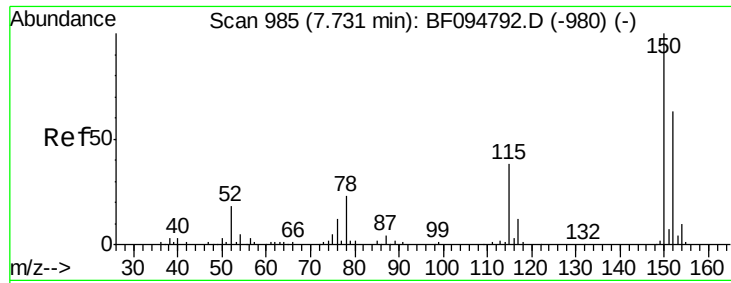
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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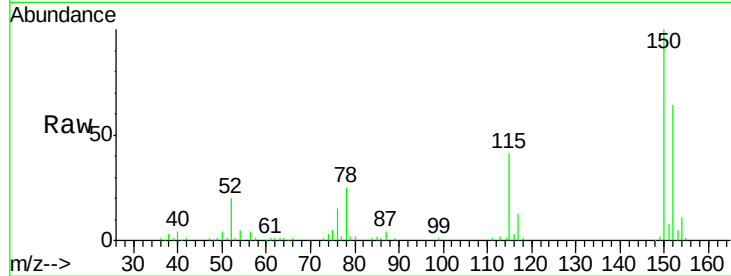


#1

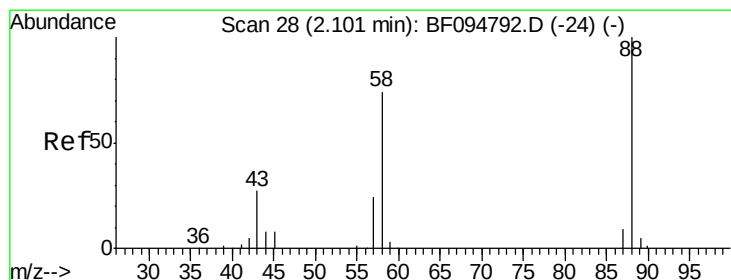
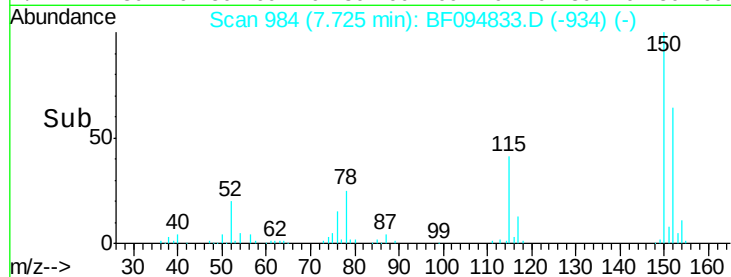
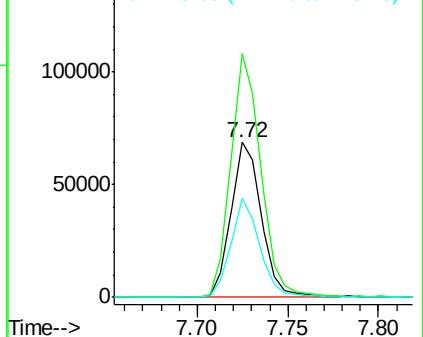
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094833.D
Acq: 3 May 2017 13:40

Instrument :
BNA_F
ClientSampleId :
6TH-ST-PURGE-WATER(COMP)DL

Tgt Ion: 152 Resp: 80138
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.2
115 64.0 52.2 78.2



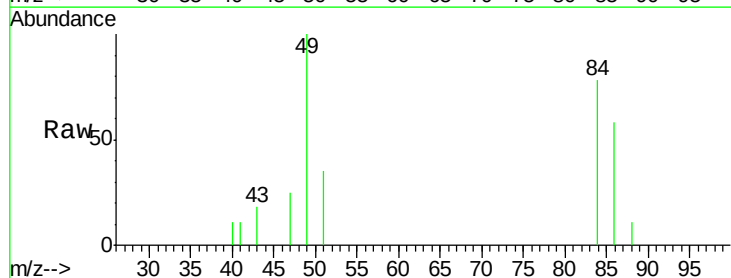
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



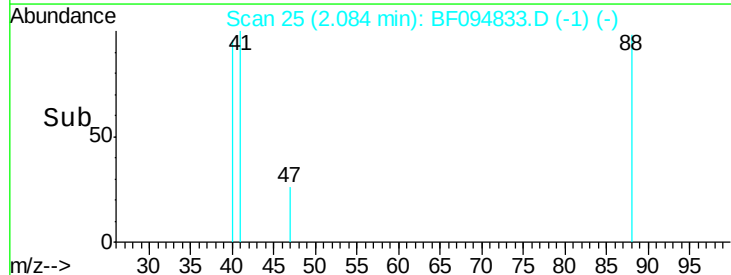
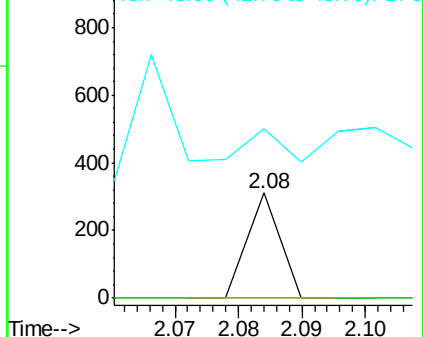
#2

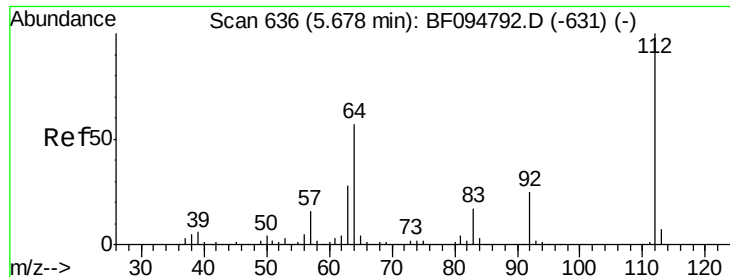
1,4-Dioxane
Concen: 0.046 ng
RT: 2.08 min Scan# 25
Delta R.T. -0.02 min
Lab File: BF094833.D
Acq: 3 May 2017 13:40

Tgt Ion: 88 Resp: 109
Ion Ratio Lower Upper
88 100
58 0.0 61.4 92.0#
43 0.0 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





#5

2-Fluorophenol

Concen: 3.460 ng

RT: 5.71 min Scan# 641

Delta R.T. 0.03 min

Lab File: BF094833.D

Acq: 3 May 2017 13:40

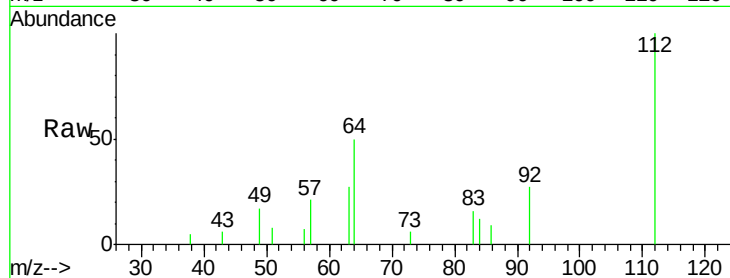
Instrument :

BNA_F

ClientSampleId :

6TH-ST-PURGE-WATER(COMP)DL

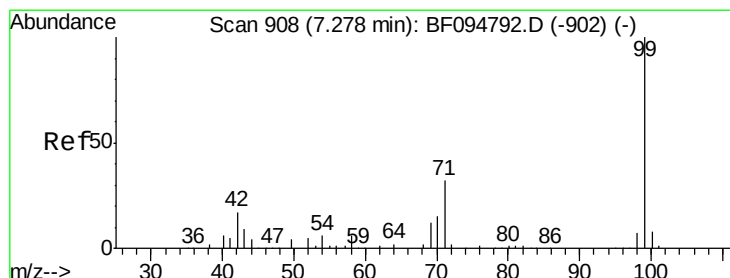
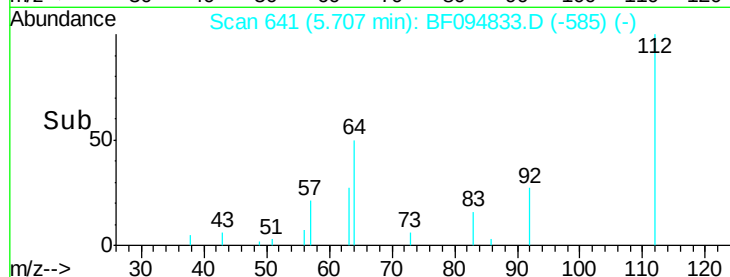
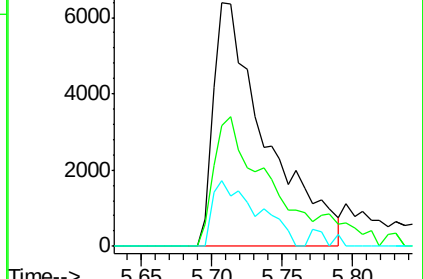
Tgt Ion:	112	Resp:	16632
Ion	Ratio	Lower	Upper
112	100		
64	49.5	46.0	69.0
63	27.2	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 4.093 ng

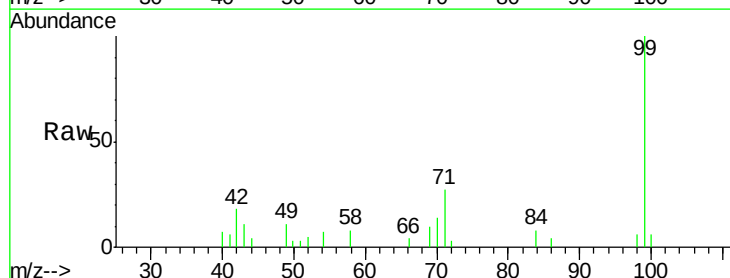
RT: 7.30 min Scan# 911

Delta R.T. 0.02 min

Lab File: BF094833.D

Acq: 3 May 2017 13:40

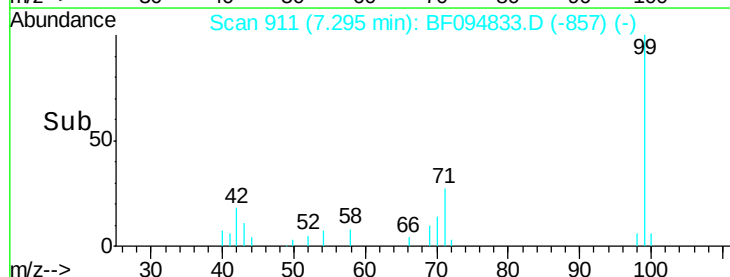
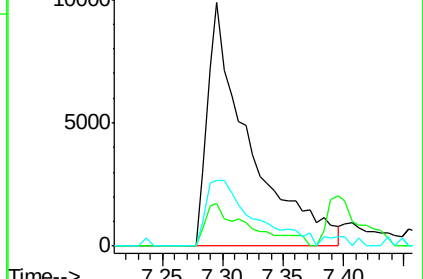
Tgt Ion:	99	Resp:	23604
Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.5	20.3
71	26.9	24.5	36.7

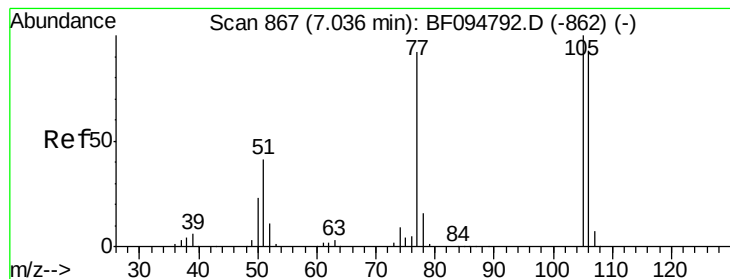


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 0.032 ng

RT: 7.05 min Scan# 870

Delta R.T. 0.02 min

Lab File: BF094833.D

Acq: 3 May 2017 13:40

Instrument :

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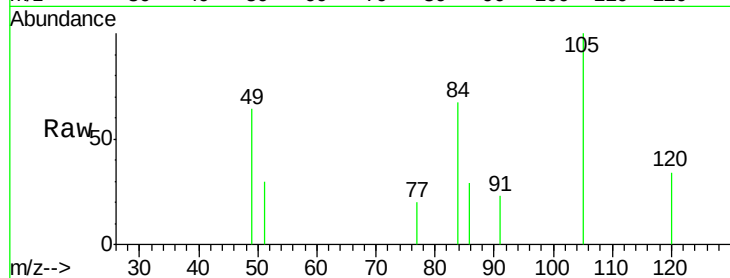
Tgt Ion: 77 Resp: 111

Ion Ratio Lower Upper

77 100

105 507.0 83.8 123.8#

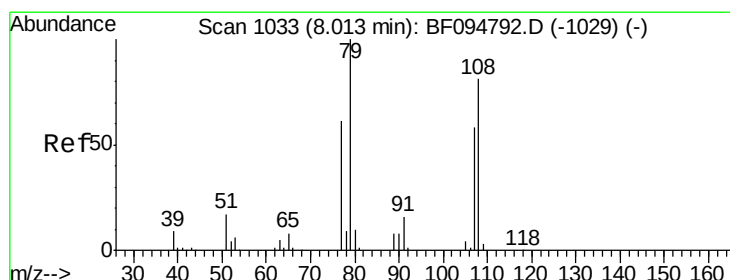
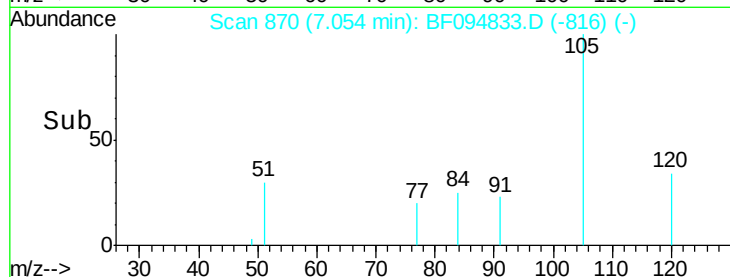
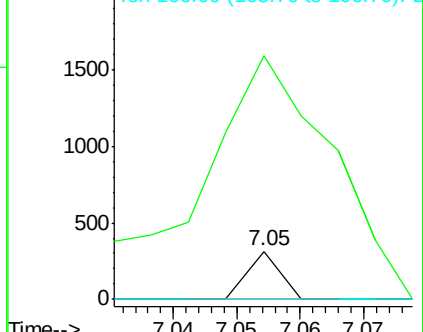
106 0.0 79.1 119.1#



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



#15

Benzyl Alcohol

Concen: 0.335 ng

RT: 7.96 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF094833.D

Acq: 3 May 2017 13:40

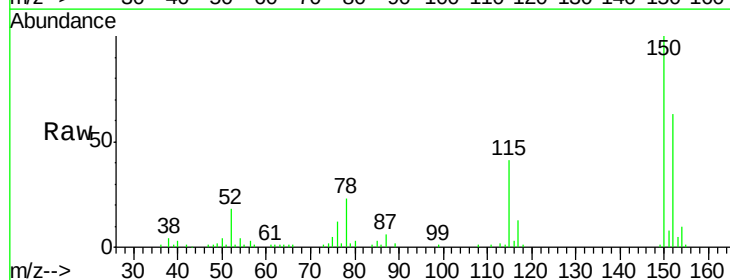
Tgt Ion: 79 Resp: 1243

Ion Ratio Lower Upper

79 100

108 39.9 63.4 95.0#

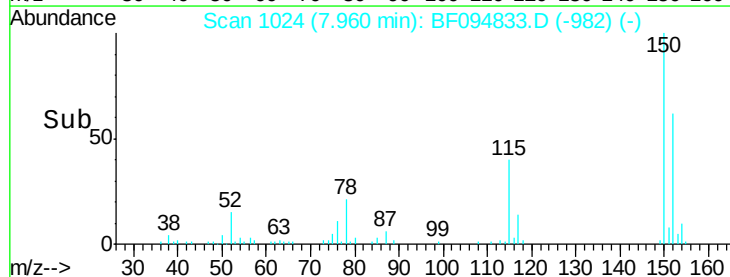
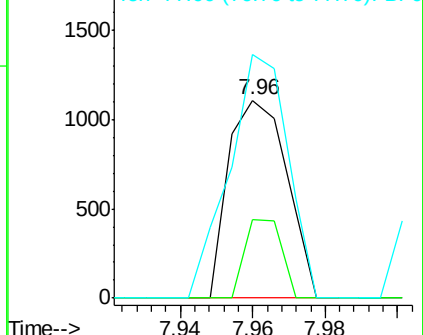
77 123.3 49.2 73.8#

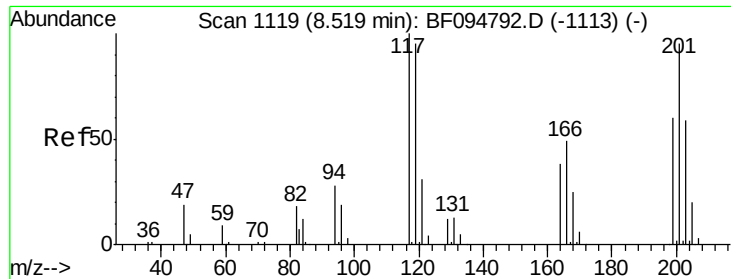


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

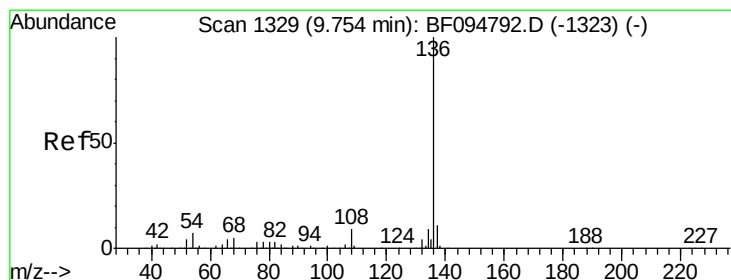
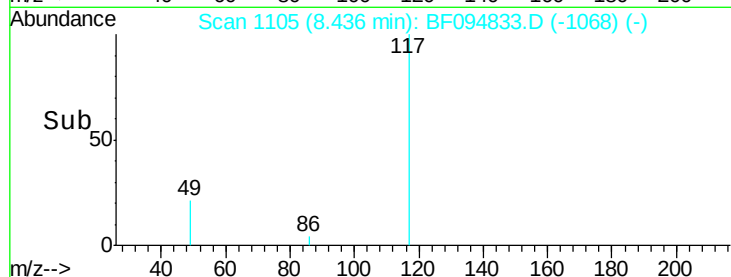
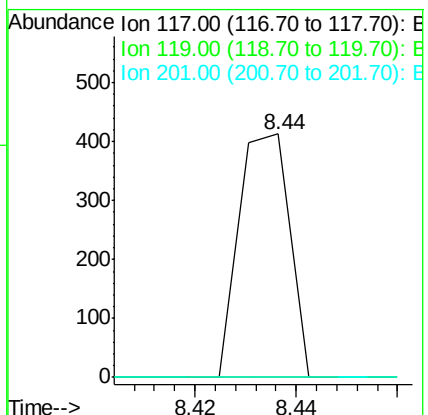
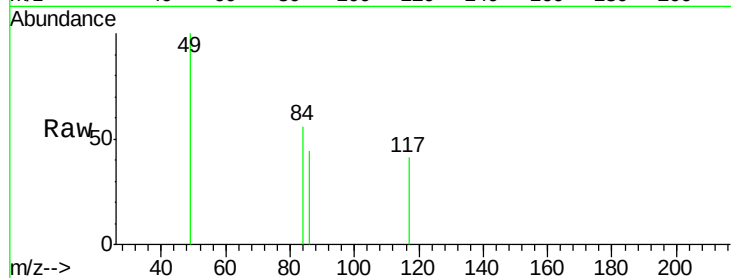




#18
Hexachloroethane
Concen: 0.134 ng
RT: 8.44 min Scan# 1105
Delta R.T. -0.08 min
Lab File: BF094833.D
Acq: 3 May 2017 13:40

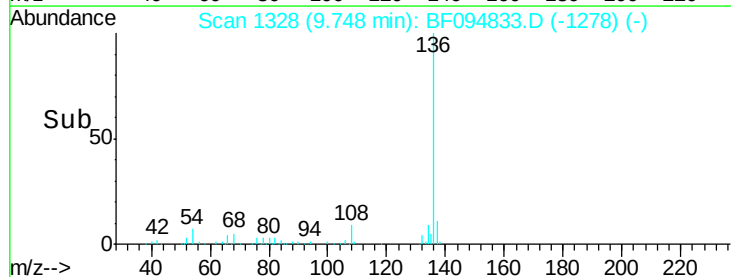
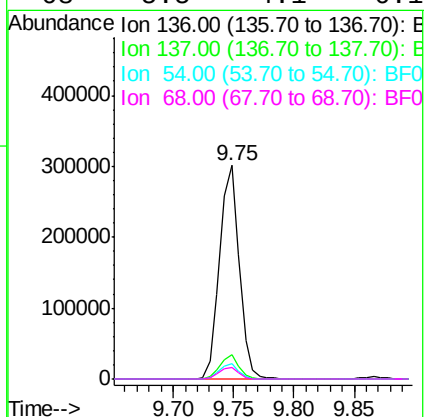
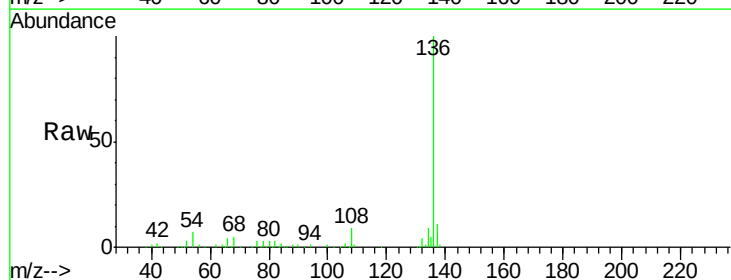
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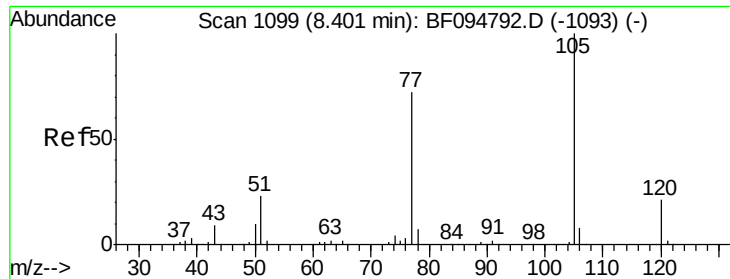
Tgt Ion:117 Resp: 286
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.0#
201 0.0 94.6 141.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF094833.D
Acq: 3 May 2017 13:40

Tgt Ion:136 Resp: 339715
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 6.9 4.9 7.3
68 5.5 4.1 6.1





#22

Acetophenone

Concen: 0.014 ng

RT: 8.20 min Scan# 1065

Delta R.T. -0.20 min

Lab File: BF094833.D

Acq: 3 May 2017 13:40

Instrument :

BNA_F

ClientSampleId :

6TH-ST-PURGE-WATER(COMP)DL

Tgt Ion: 105 Resp: 116

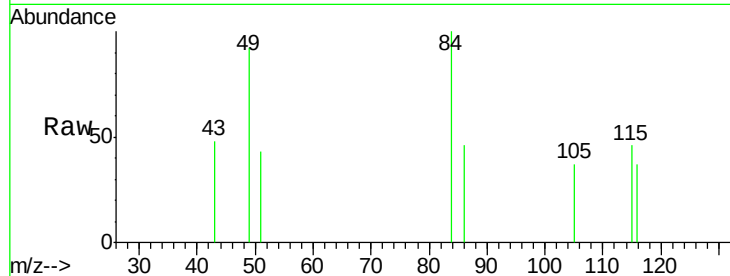
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 116.4 30.7 46.1#

120 0.0 17.4 26.0#

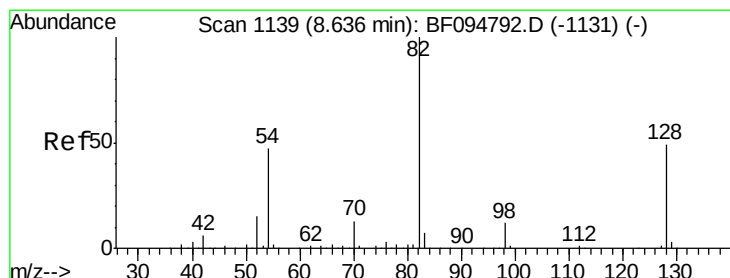
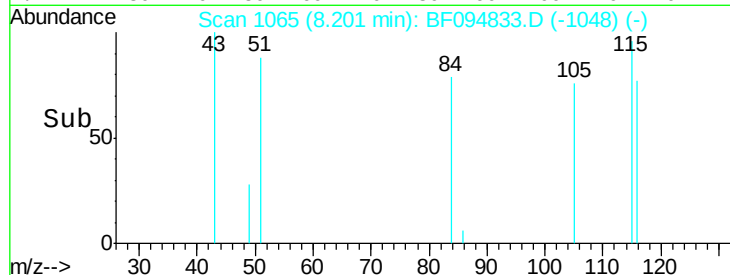
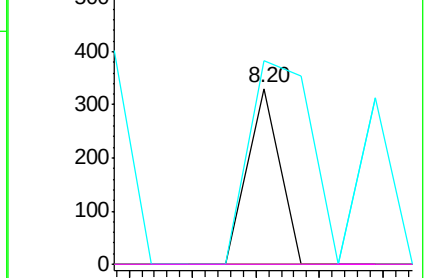


Abundance Ion 105.00 (104.70 to 105.70): E

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: 14.366 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094833.D

Acq: 3 May 2017 13:40

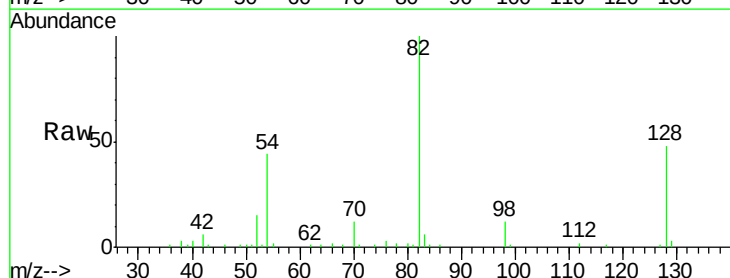
Tgt Ion: 82 Resp: 77393

Ion Ratio Lower Upper

82 100

128 48.0 34.0 51.0

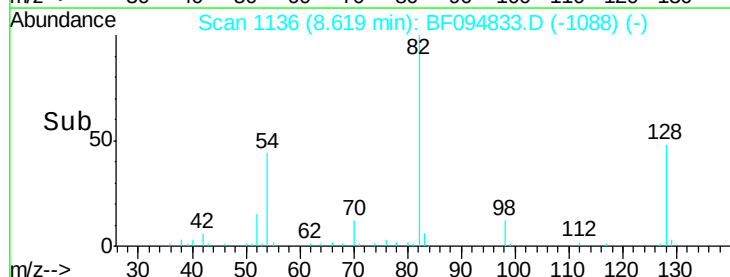
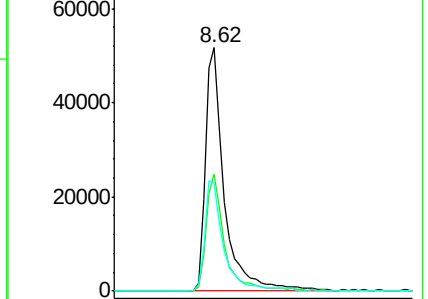
54 44.5 42.2 63.2

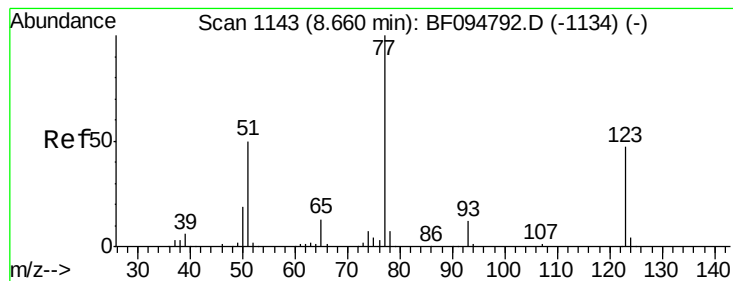


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 0.204 ng

RT: 8.76 min Scan# 1160

Delta R.T. 0.10 min

Lab File: BF094833.D

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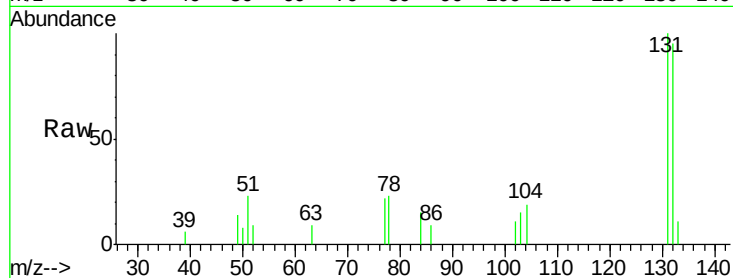
Tgt Ion: 77 Resp: 1152

Ion Ratio Lower Upper

77 100

123 0.0 35.8 53.8#

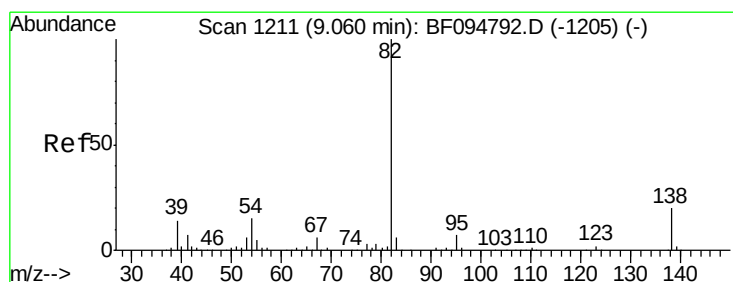
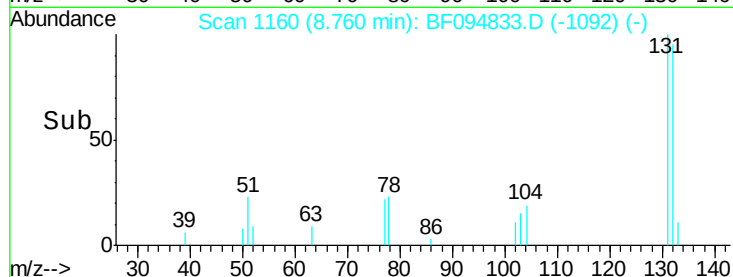
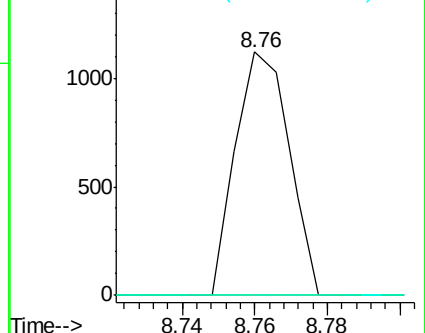
65 0.0 10.6 15.8#



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: 0.011 ng

RT: 8.84 min Scan# 1173

Delta R.T. -0.22 min

Lab File: BF094833.D

Acq: 3 May 2017 13:40

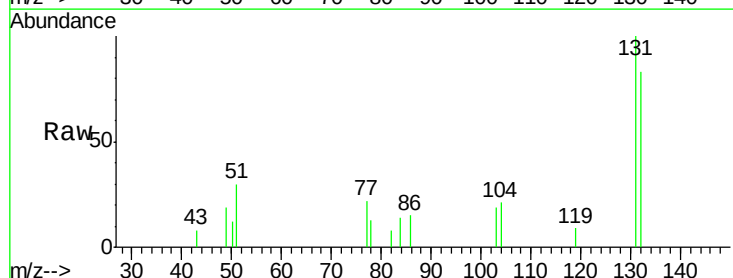
Tgt Ion: 82 Resp: 108

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

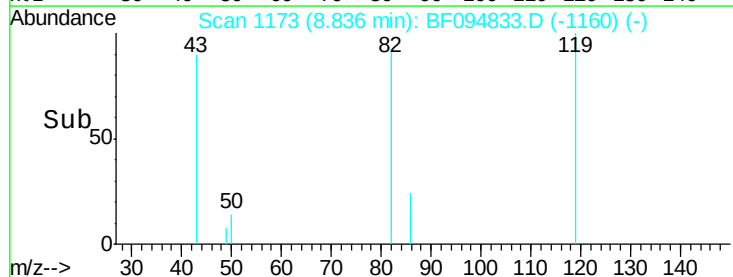
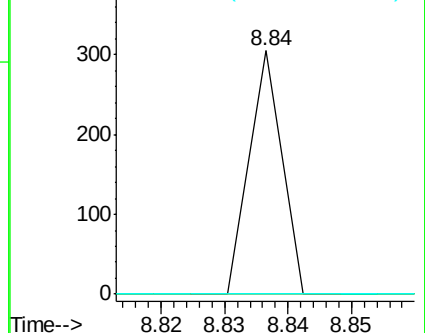
138 0.0 13.1 19.7#

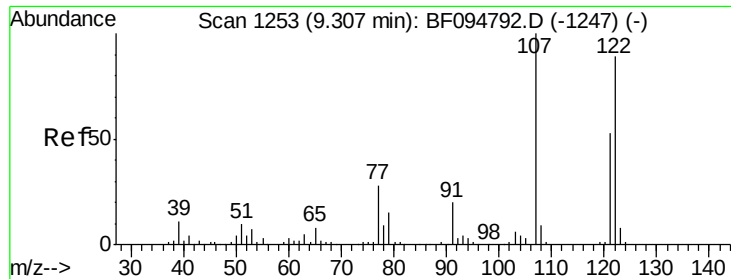


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

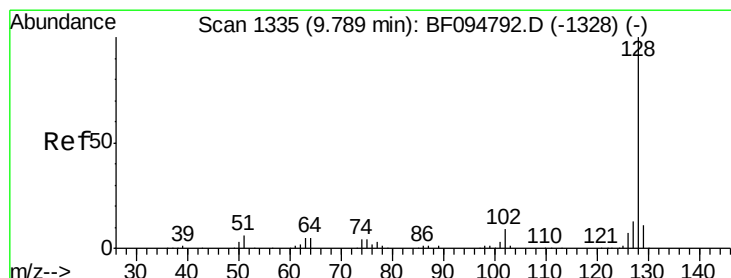
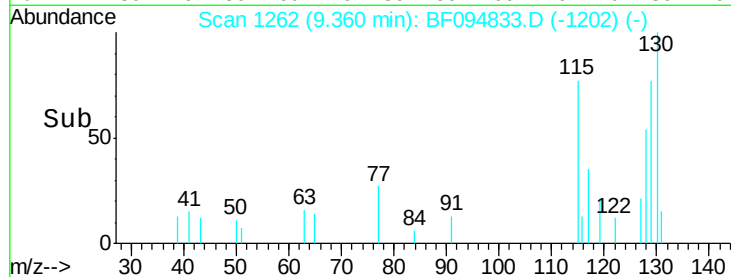
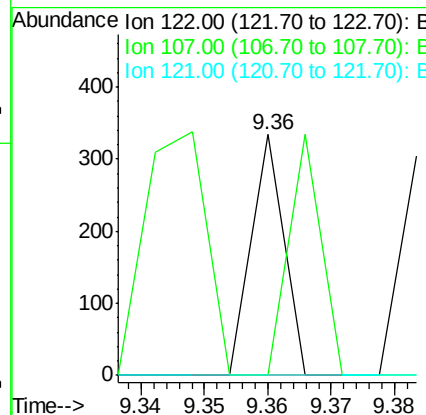
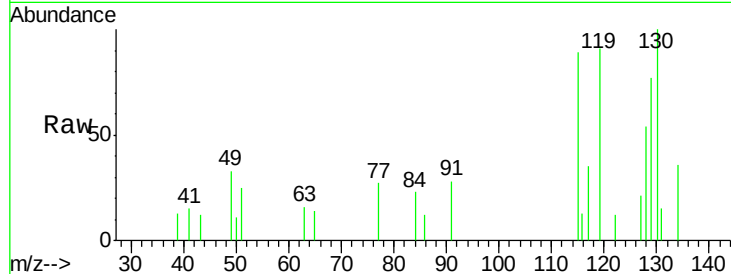




#27
2,4-Dimethylphenol
Concen: 0.024 ng
RT: 9.36 min Scan# 1262
Delta R.T. 0.05 min
Lab File: BF094833.D
Acq: 3 May 2017 13:40

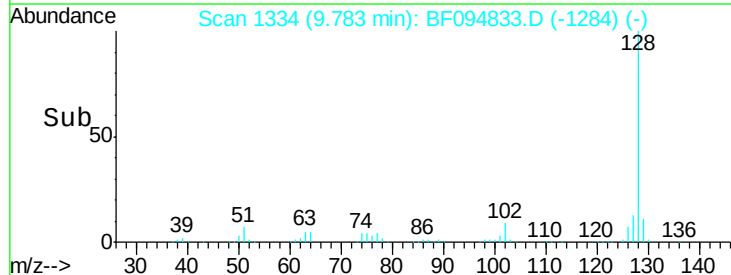
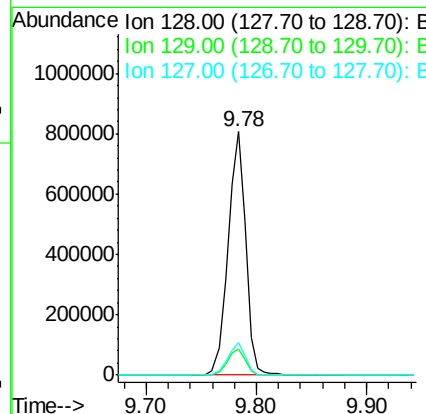
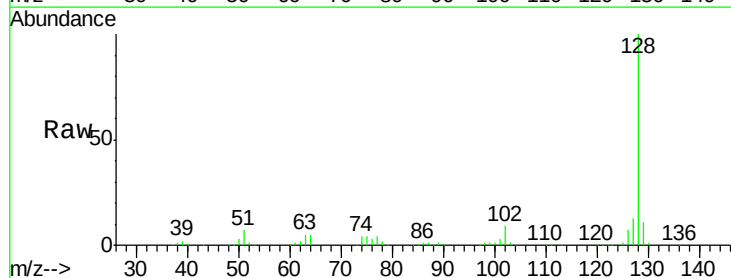
Instrument :
BNA_F
ClientSampleId :
6TH-ST-PURGE-WATER(COMP)DL

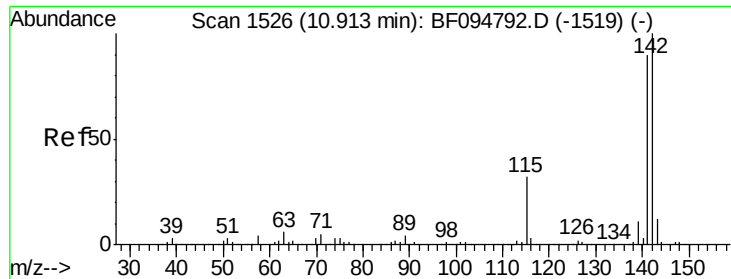
Tgt Ion:122 Resp: 118
Ion Ratio Lower Upper
122 100
107 0.0 89.2 133.8#
121 0.0 45.2 67.8#



#31
Naphthalene
Concen: 52.899 ng
RT: 9.78 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF094833.D
Acq: 3 May 2017 13:40

Tgt Ion:128 Resp: 903198
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 13.1 10.8 16.2

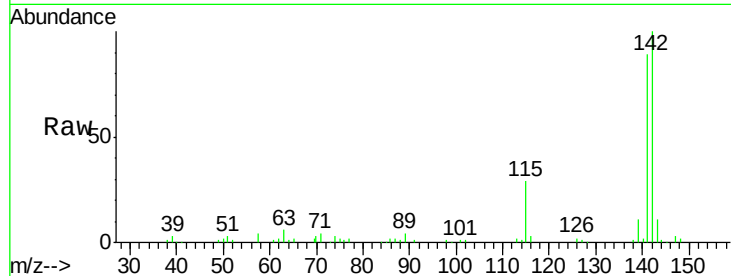




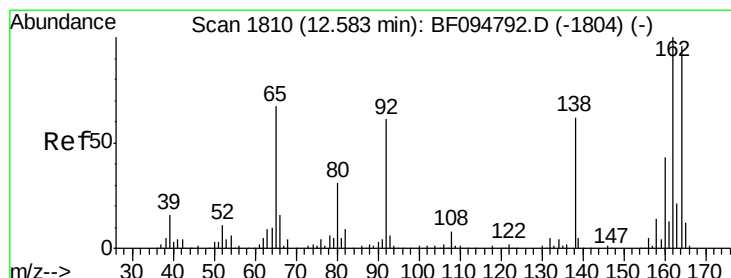
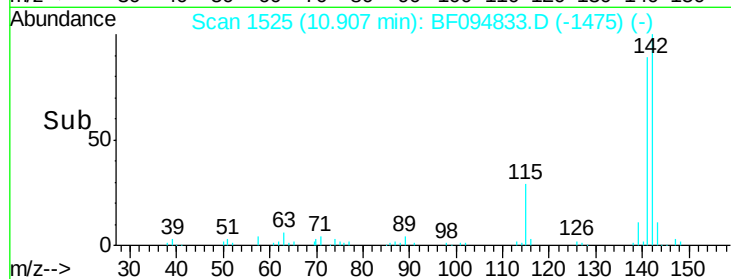
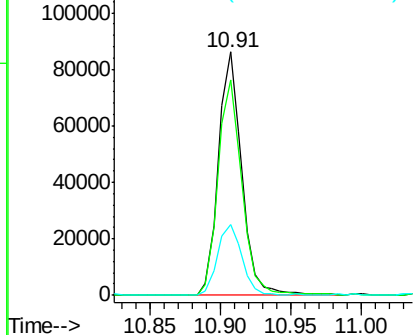
#37
 2-Methylnaphthalene
 Concen: 8.879 ng
 RT: 10.91 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF094833.D
 Acq: 3 May 2017 13:40

Instrument :
 BNA_F
 ClientSampleId :
 6TH-ST-PURGE-WATER(COMP)DL

Tgt Ion:142 Resp: 99496
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.3 106.9
 115 28.9 27.1 40.7

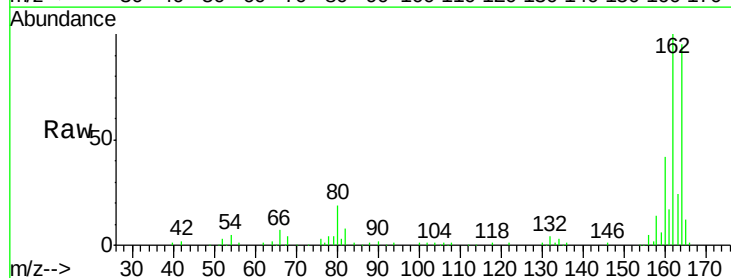


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

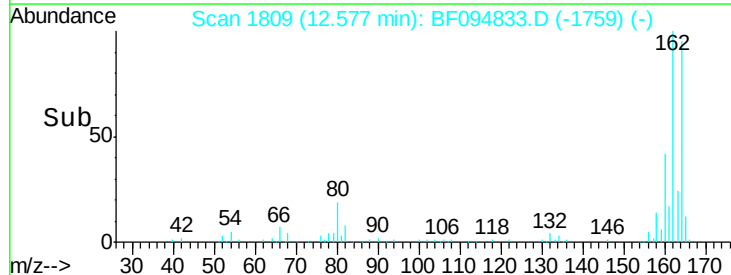
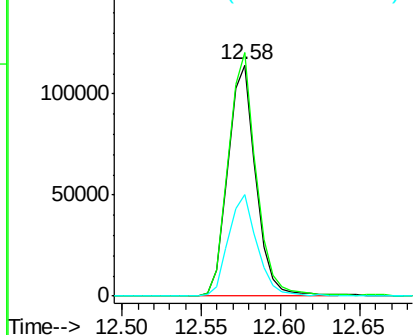


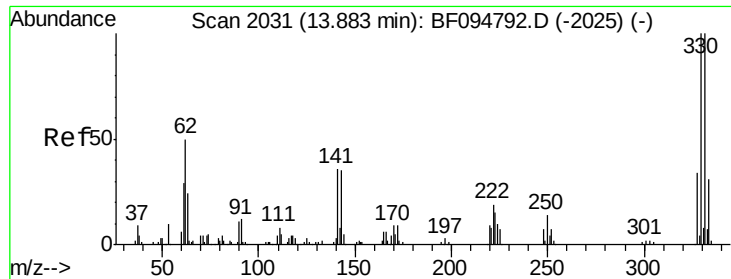
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.58 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF094833.D
 Acq: 3 May 2017 13:40

Tgt Ion:164 Resp: 139861
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.6 123.8
 160 44.0 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

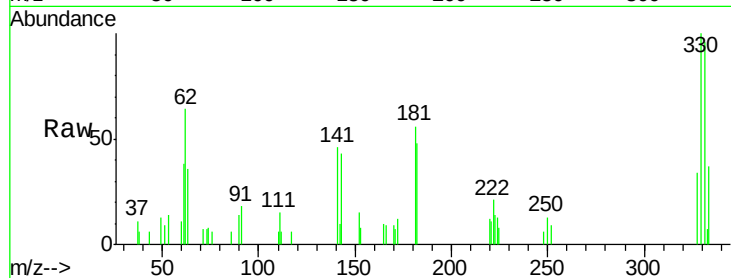




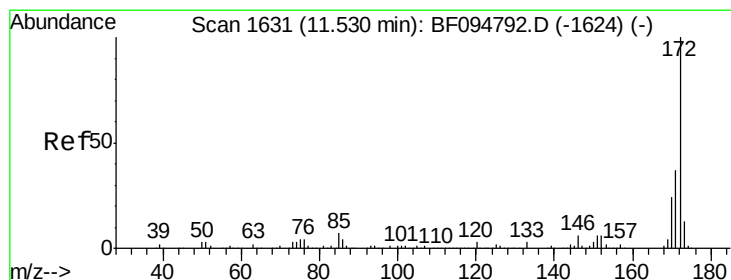
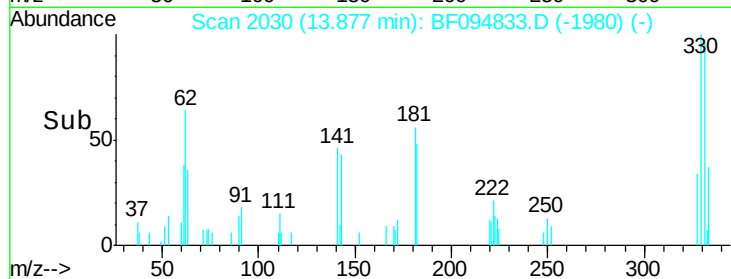
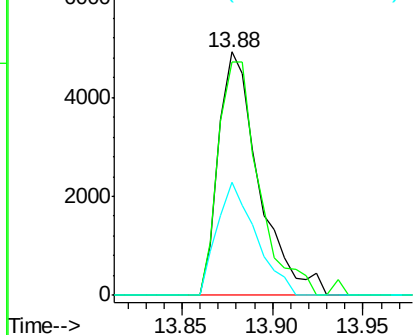
#41
 2,4,6-Tribromophenol
 Concen: 6.695 ng
 RT: 13.88 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF094833.D
 Acq: 3 May 2017 13:40

Instrument :
 BNA_F
 ClientSampleId :
 6TH-ST-PURGE-WATER(COMP)DL

Tgt Ion:330 Resp: 7669
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 44.5 31.4 47.2

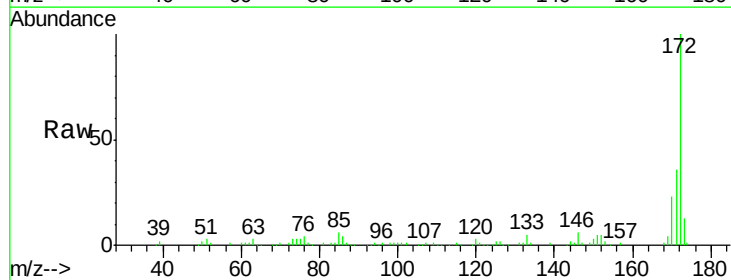


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

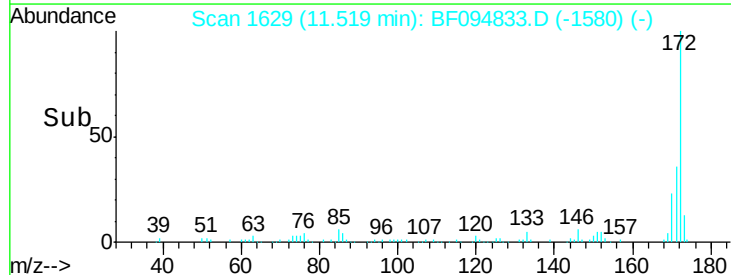
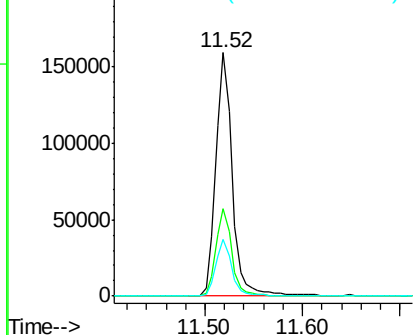


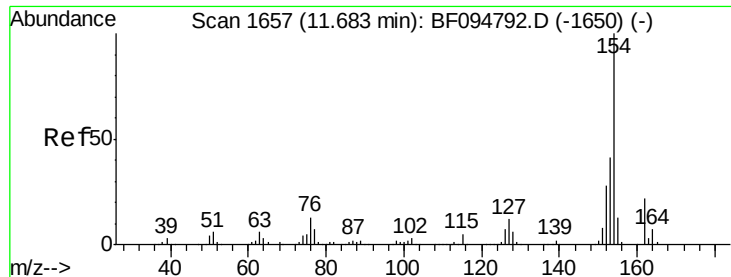
#44
 2-Fluorobiphenyl
 Concen: 19.294 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094833.D
 Acq: 3 May 2017 13:40

Tgt Ion:172 Resp: 187483
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.3 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 0.011 ng

RT: 11.52 min Scan# 1629

Delta R.T. -0.16 min

Lab File: BF094833.D

Acq: 3 May 2017 13:40

Instrument :

BNA_F

ClientSampleId :

6TH-ST-PURGE-WATER(COMP)DL

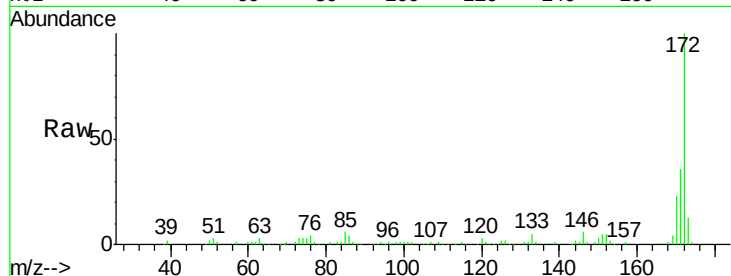
Tgt Ion:154 Resp: 128

Ion Ratio Lower Upper

154 100

153 773.3 21.2 61.2#

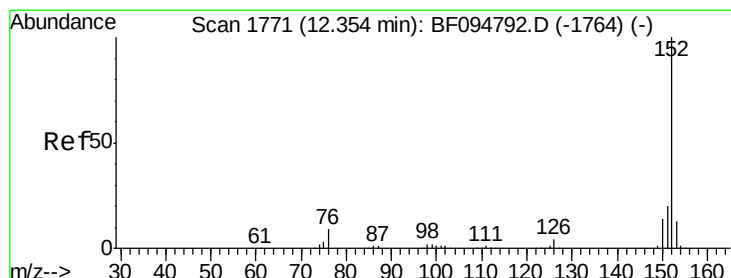
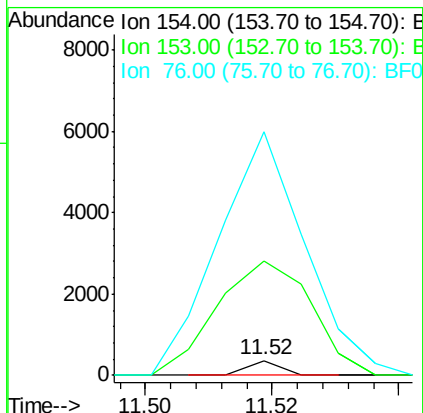
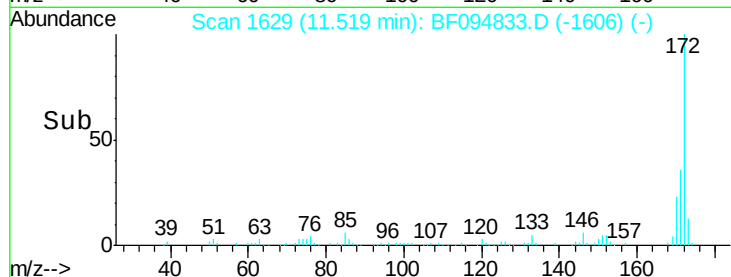
76 1650.1 0.0 29.9#



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



#48

Acenaphthylene

Concen: 6.345 ng

RT: 12.34 min Scan# 1769

Delta R.T. -0.01 min

Lab File: BF094833.D

Acq: 3 May 2017 13:40

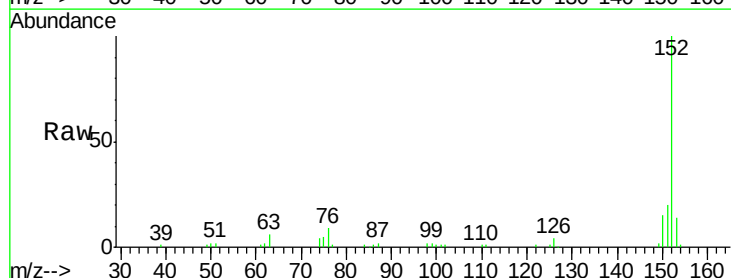
Tgt Ion:152 Resp: 94502

Ion Ratio Lower Upper

152 100

151 20.0 16.8 25.2

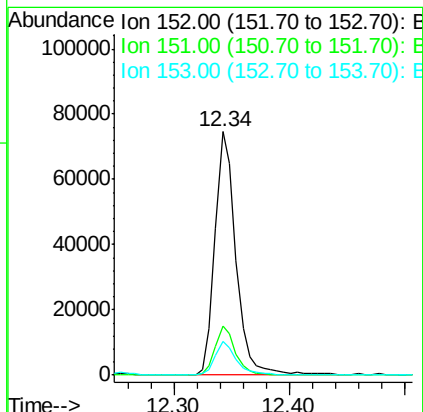
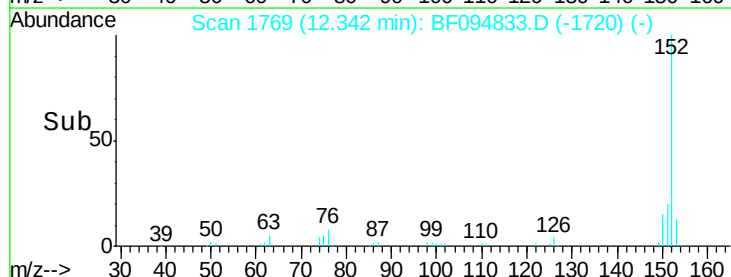
153 14.1 10.8 16.2

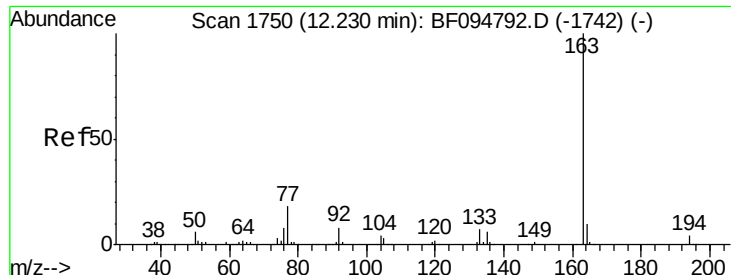


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

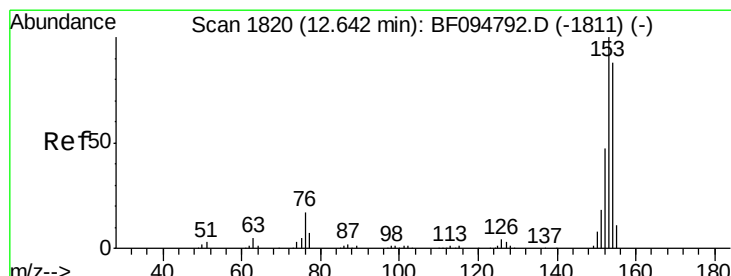
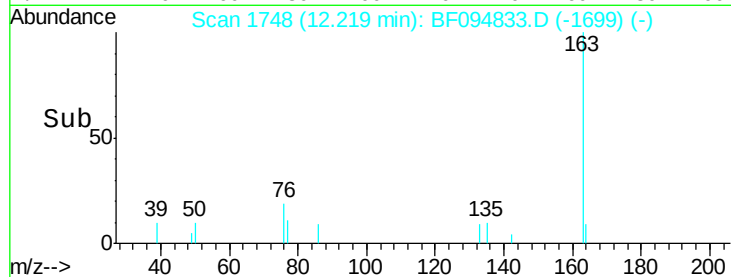
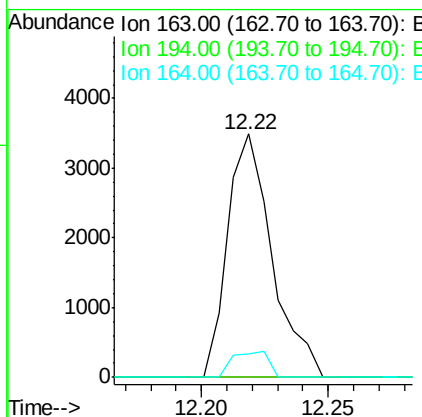
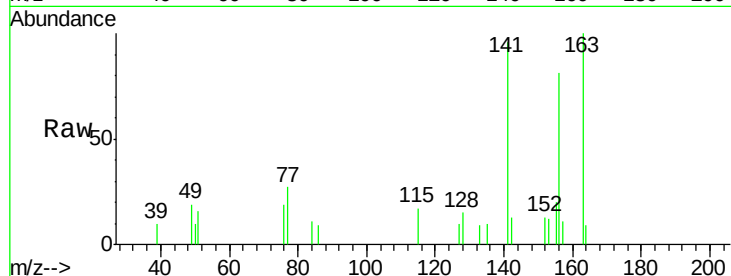




#49
Dimethylphthalate
Concen: 0.371 ng
RT: 12.22 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BF094833.D
Acq: 3 May 2017 13:40

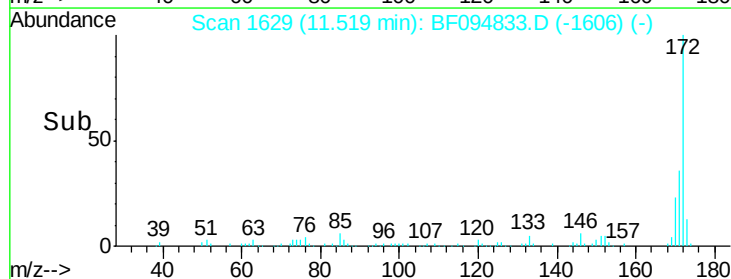
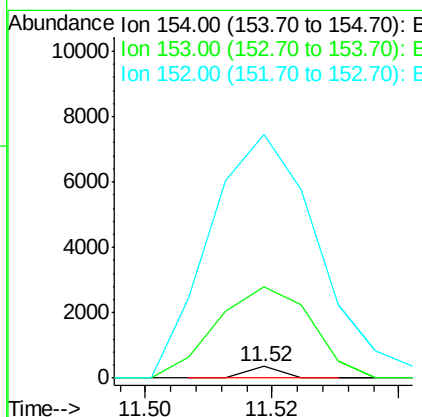
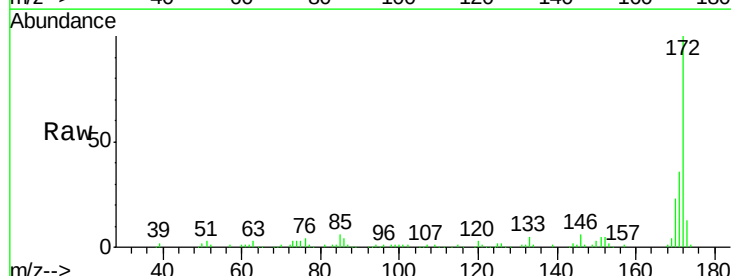
Instrument :
BNA_F
ClientSampleId :
6TH-ST-PURGE-WATER(COMP)DL

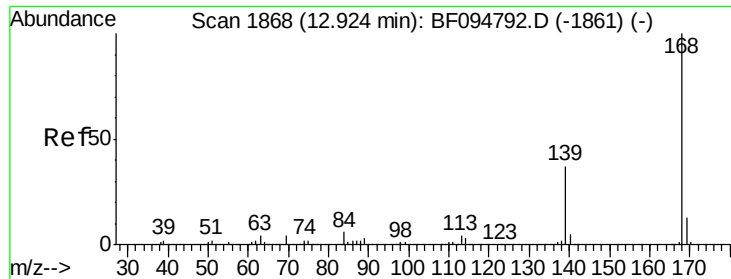
Tgt Ion:163 Resp: 4257
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 9.5 8.4 12.6



#51
Acenaphthene
Concen: 0.011 ng
RT: 11.52 min Scan# 1629
Delta R.T. -0.16 min
Lab File: BF094833.D
Acq: 3 May 2017 13:40

Tgt Ion:154 Resp: 128
Ion Ratio Lower Upper
154 100
153 773.3 90.5 135.7#
152 2052.1 43.6 65.4#





#54

Dibenzenofuran

Concen: 3.801 ng

RT: 12.92 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF094833.D

Acq: 3 May 2017 13:40

Instrument :

BNA_F

ClientSampleId :

6TH-ST-PURGE-WATER(COMP)DL

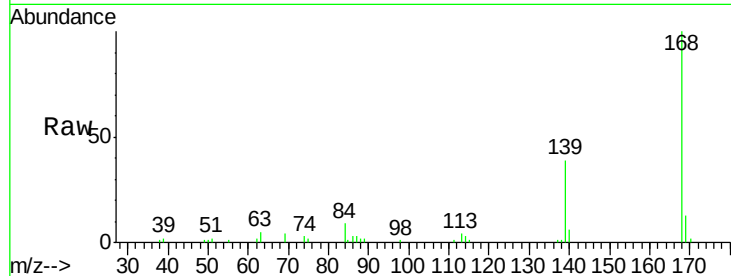
Tgt Ion:168 Resp: 46791

Ion Ratio Lower Upper

168 100

139 38.6 30.6 45.8

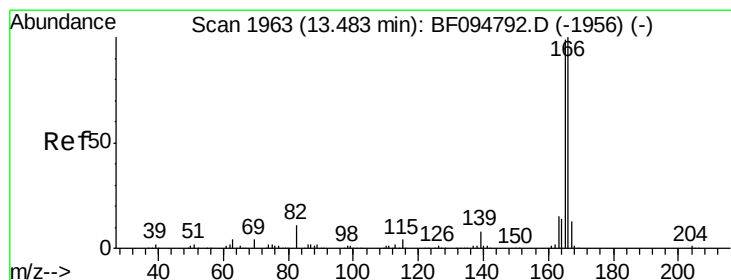
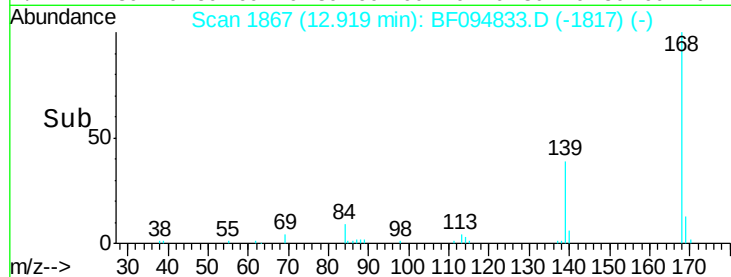
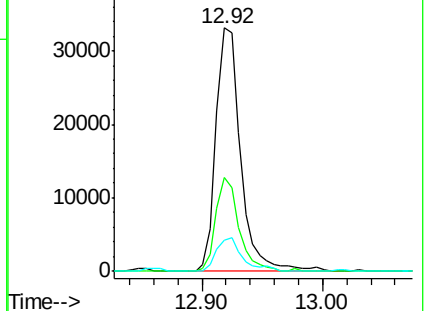
169 12.7 10.8 16.2



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



#57

Fluorene

Concen: 3.872 ng

RT: 13.47 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BF094833.D

Acq: 3 May 2017 13:40

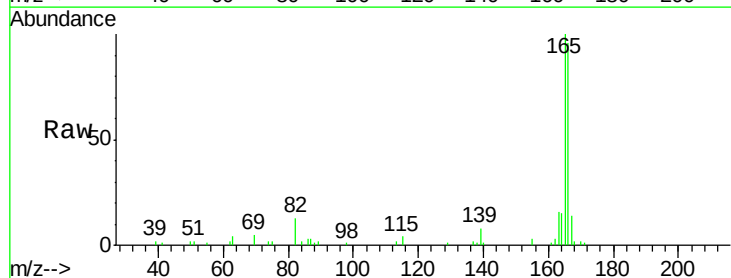
Tgt Ion:166 Resp: 41447

Ion Ratio Lower Upper

166 100

165 104.5 78.8 118.2

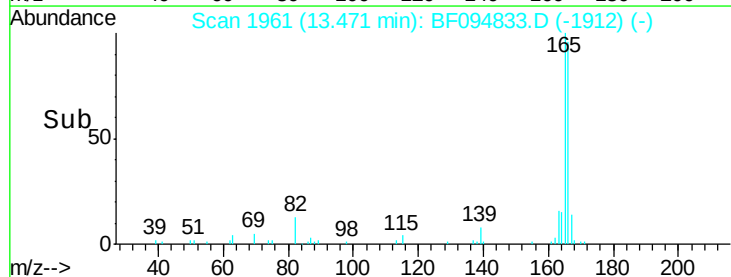
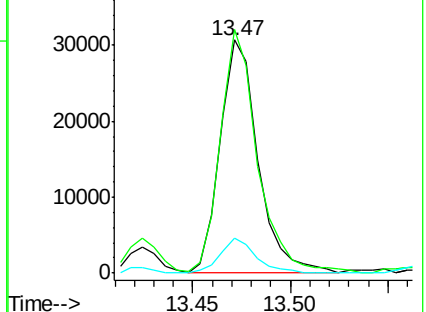
167 14.9 10.6 16.0

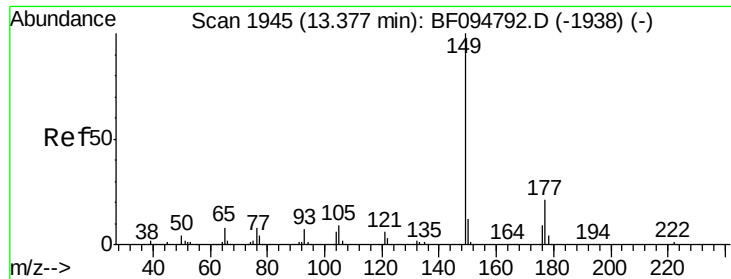


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

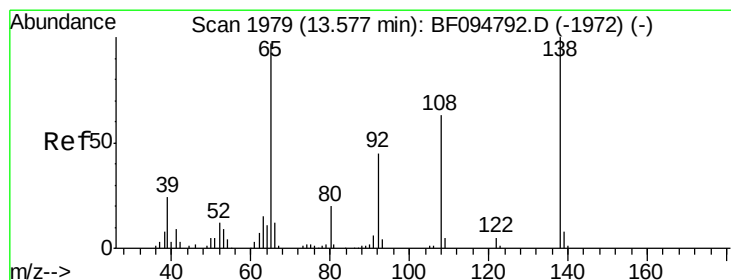
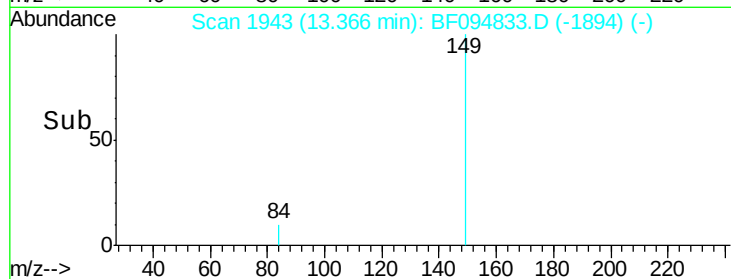
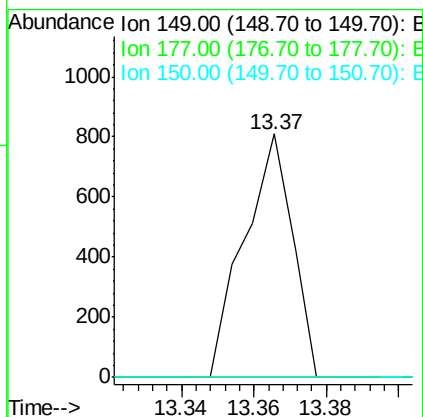
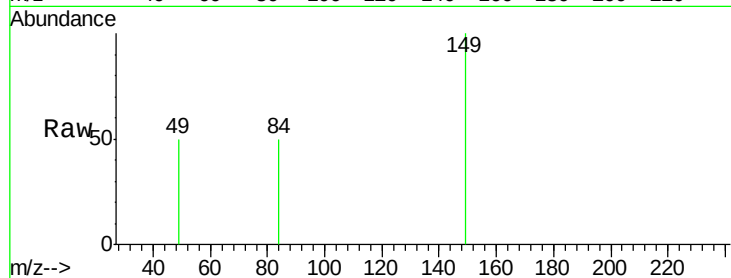




#59
Diethylphthalate
Concen: 0.068 ng
RT: 13.37 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BF094833.D
Acq: 3 May 2017 13:40

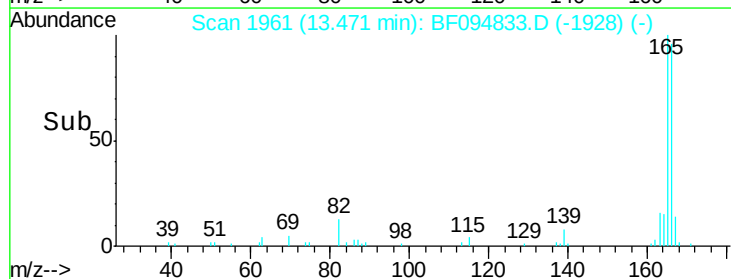
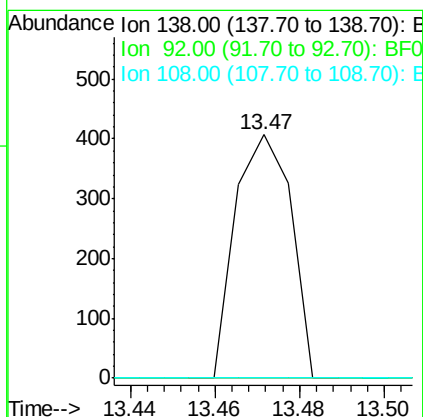
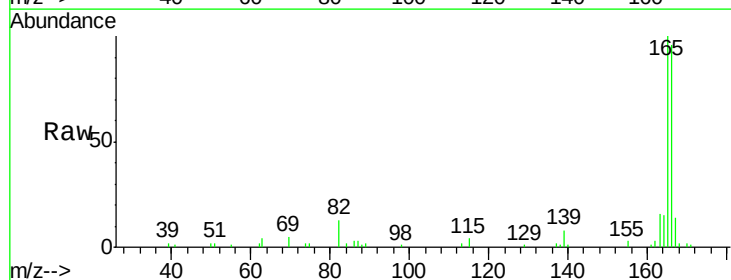
Instrument :
BNA_F
ClientSampleId :
6TH-ST-PURGE-WATER(COMP)DL

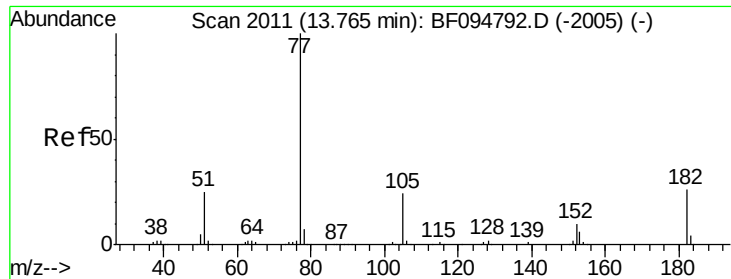
Tgt Ion:149 Resp: 747
Ion Ratio Lower Upper
149 100
177 0.0 16.7 25.1#
150 0.0 10.2 15.2#



#61
4-Nitroaniline
Concen: 0.162 ng
RT: 13.47 min Scan# 1961
Delta R.T. -0.11 min
Lab File: BF094833.D
Acq: 3 May 2017 13:40

Tgt Ion:138 Resp: 373
Ion Ratio Lower Upper
138 100
92 0.0 21.8 61.8#
108 0.0 42.3 82.3#





#62

Azobenzene

Concen: 0.013 ng

RT: 13.48 min Scan# 1963

Delta R.T. -0.28 min

Lab File: BF094833.D

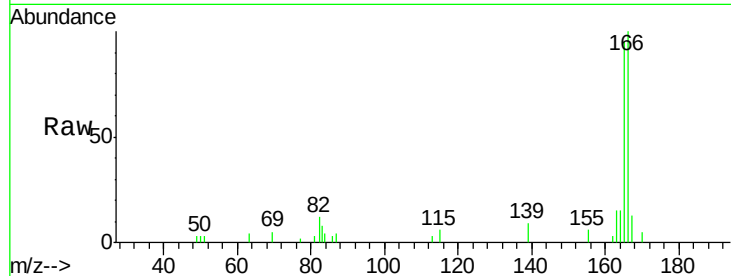
Acq: 3 May 2017 13:40

Instrument :

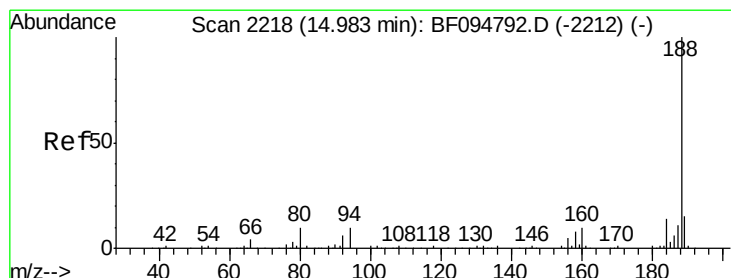
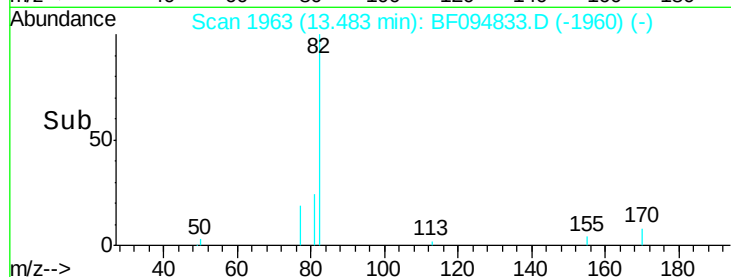
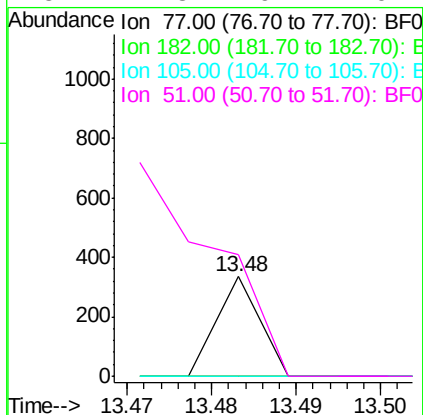
BNA_F

ClientSampleId :

6TH-ST-PURGE-WATER(COMP)DL



Tgt Ion:	77	Resp:	118
Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.1	40.1#
105	0.0	3.6	43.6#
51	122.8	9.4	49.4#



#63

Phenanthrene-d10

Concen: 20.000 ng

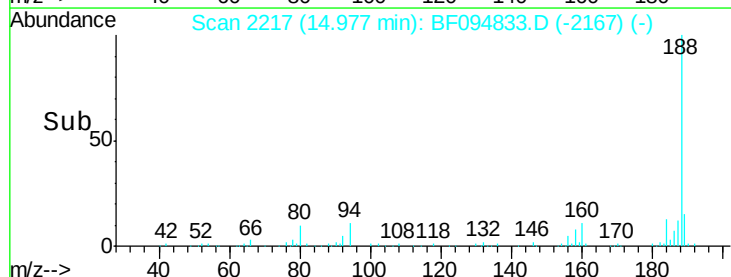
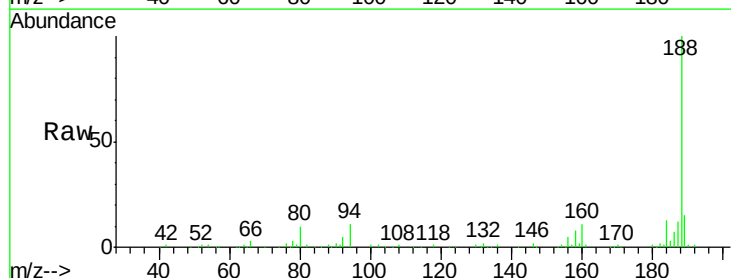
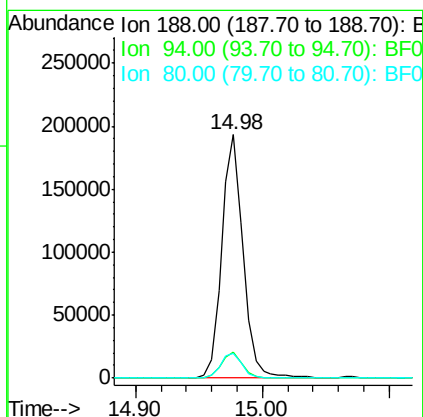
RT: 14.98 min Scan# 2217

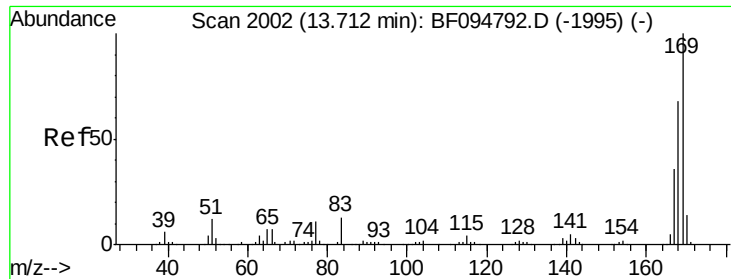
Delta R.T. -0.01 min

Lab File: BF094833.D

Acq: 3 May 2017 13:40

Tgt Ion:	188	Resp:	225283
Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	10.4	10.2	15.2

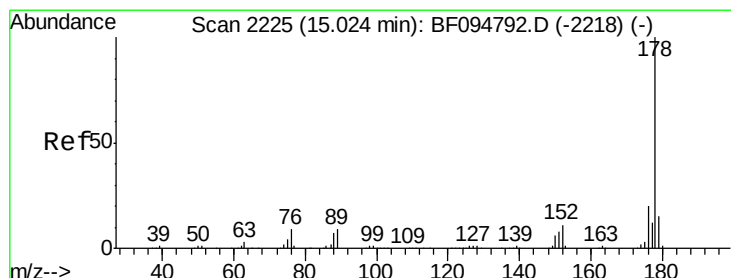
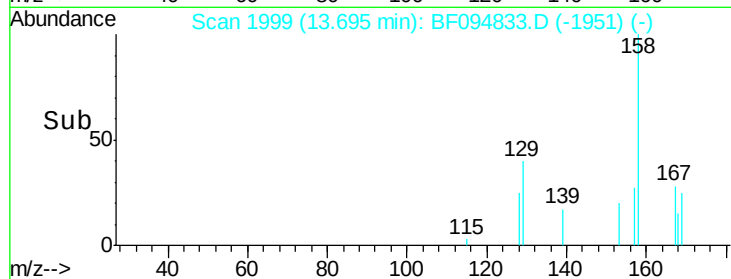
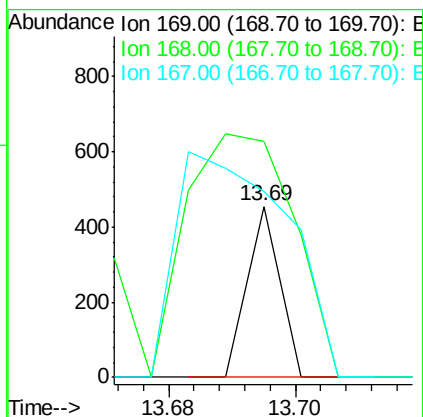
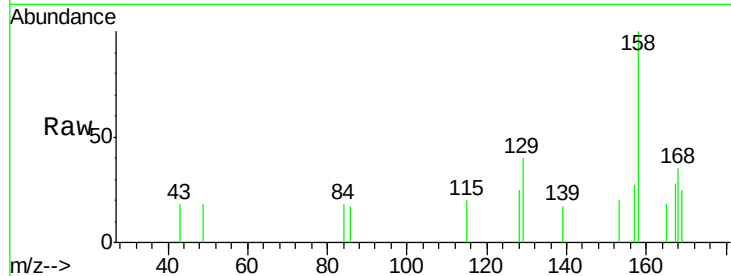




#65
 n-Nitrosodiphenylamine
 Concen: 0.020 ng
 RT: 13.69 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BF094833.D
 Acq: 3 May 2017 13:40

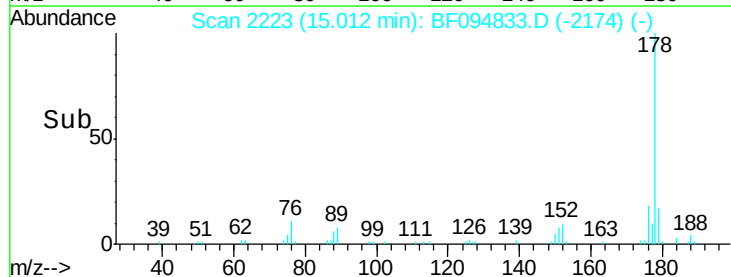
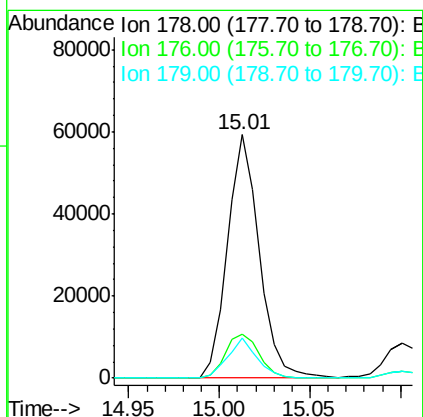
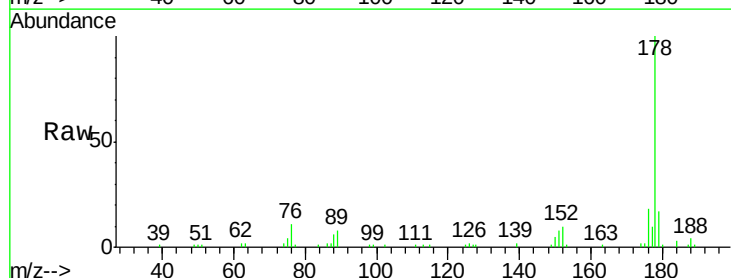
Instrument :
 BNA_F
 ClientSampleId :
 6TH-ST-PURGE-WATER(COMP)DL

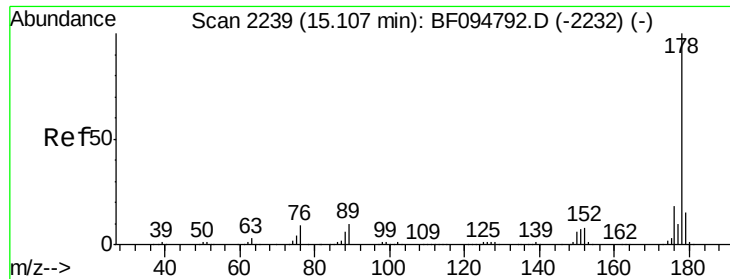
Tgt Ion:169 Resp: 161
 Ion Ratio Lower Upper
 169 100
 168 137.5 53.2 79.8#
 167 108.6 29.5 44.3#



#70
 Phenanthrene
 Concen: 5.591 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF094833.D
 Acq: 3 May 2017 13:40

Tgt Ion:178 Resp: 72372
 Ion Ratio Lower Upper
 178 100
 176 18.2 16.2 24.4
 179 16.6 12.6 19.0

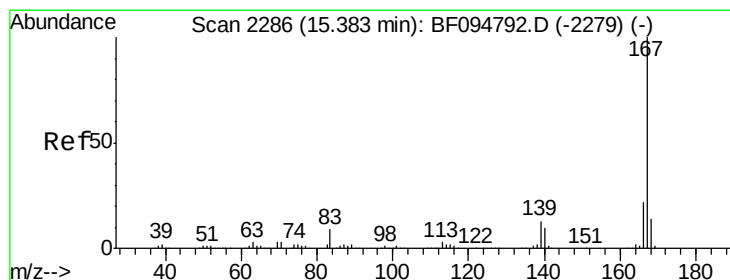
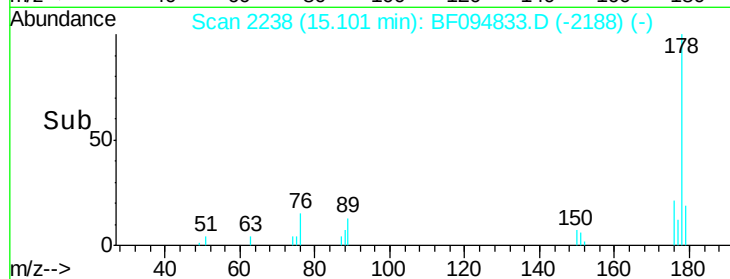
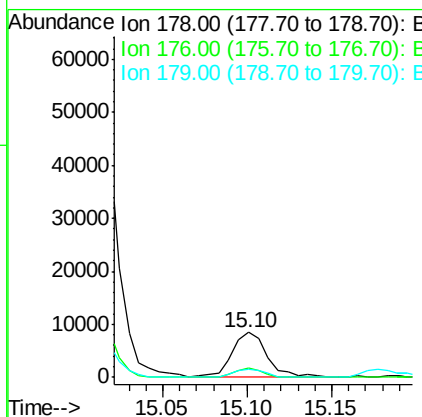
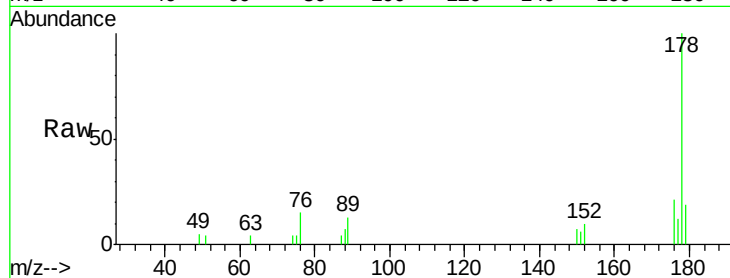




#71
 Anthracene
 Concen: 0.936 ng
 RT: 15.10 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BF094833.D
 Acq: 3 May 2017 13:40

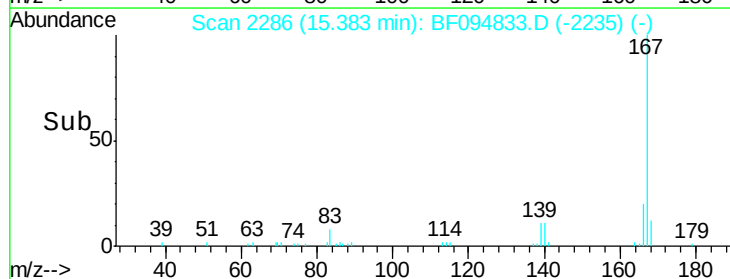
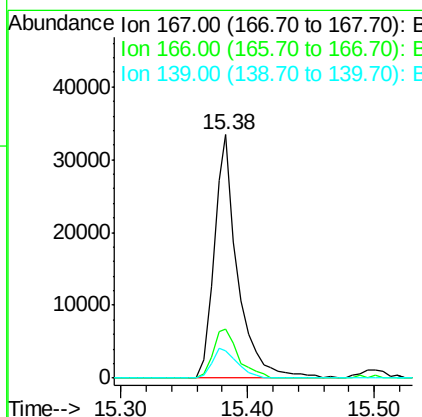
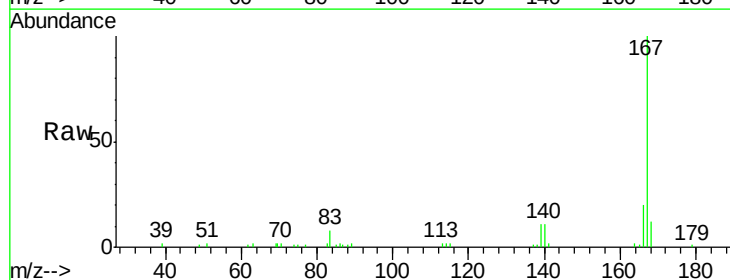
Instrument :
 BNA_F
 ClientSampleId :
 6TH-ST-PURGE-WATER(COMP)DL

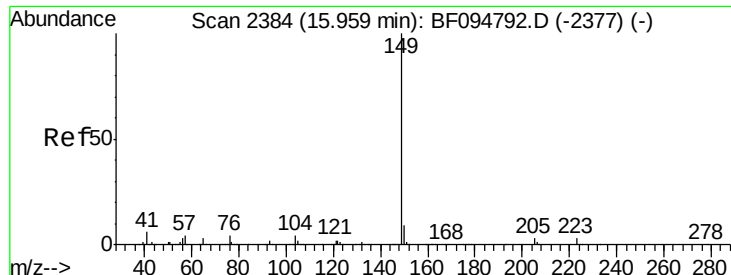
Tgt Ion:178 Resp: 12373
 Ion Ratio Lower Upper
 178 100
 176 20.8 15.8 23.8
 179 18.7 12.7 19.1



#72
 Carbazole
 Concen: 3.578 ng
 RT: 15.38 min Scan# 2286
 Delta R.T. 0.00 min
 Lab File: BF094833.D
 Acq: 3 May 2017 13:40

Tgt Ion:167 Resp: 43040
 Ion Ratio Lower Upper
 167 100
 166 20.0 18.1 27.1
 139 11.1 11.7 17.5#





#73

Di-n-butylphthalate

Concen: 0.028 ng

RT: 15.95 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BF094833.D

Acq: 3 May 2017 13:40

Instrument :

BNA_F

ClientSampleId :

6TH-ST-PURGE-WATER(COMP)DL

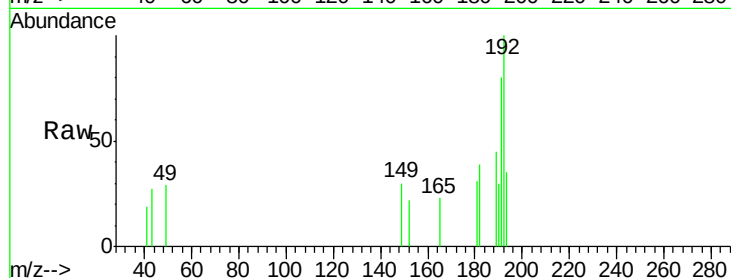
Tgt Ion:149 Resp: 423

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

104 0.0 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

15.95

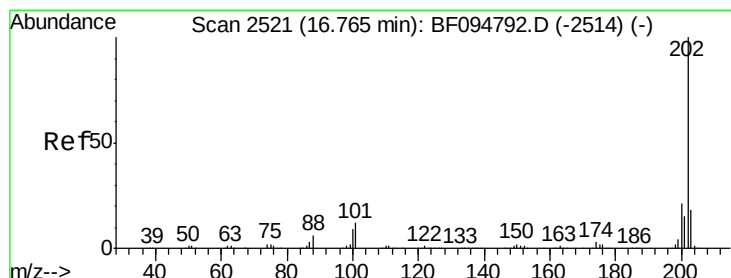
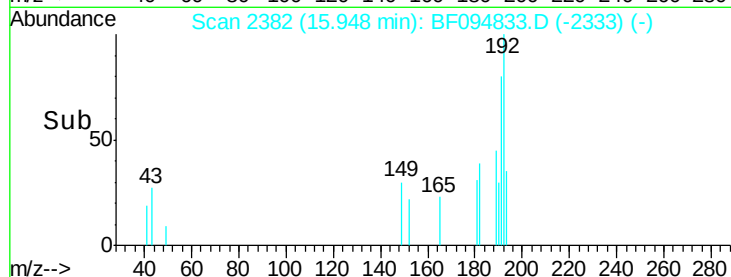
400

200

0

15.92 15.94 15.96

Time-->



#74

Fluoranthene

Concen: 1.188 ng

RT: 16.76 min Scan# 2520

Delta R.T. -0.01 min

Lab File: BF094833.D

Acq: 3 May 2017 13:40

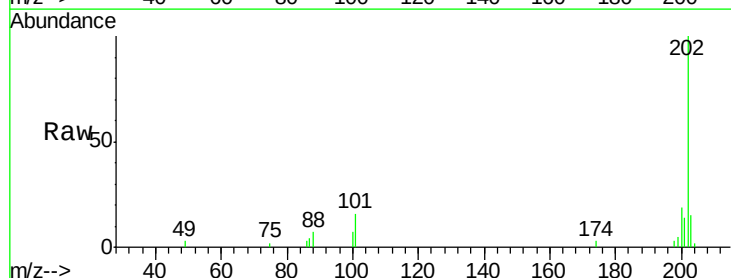
Tgt Ion:202 Resp: 15774

Ion Ratio Lower Upper

202 100

101 15.7 0.0 33.2

203 15.2 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

16.76

15000

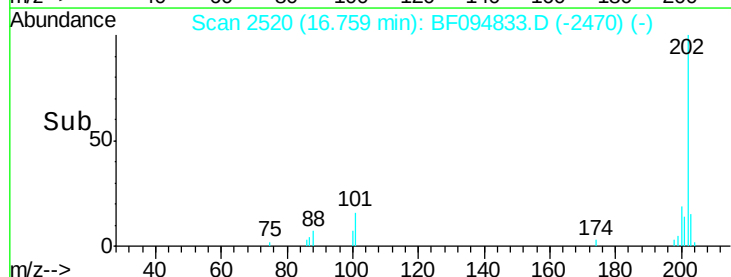
10000

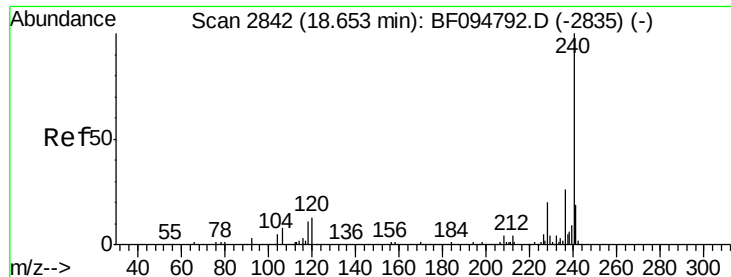
5000

0

16.70 16.75 16.80

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 18.64 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BF094833.D

Acq: 3 May 2017 13:40

Instrument :

BNA_F

ClientSampleId :

6TH-ST-PURGE-WATER(COMP)DL

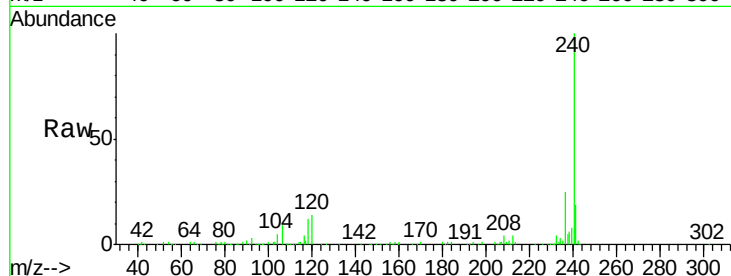
Tgt Ion:240 Resp: 193592

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

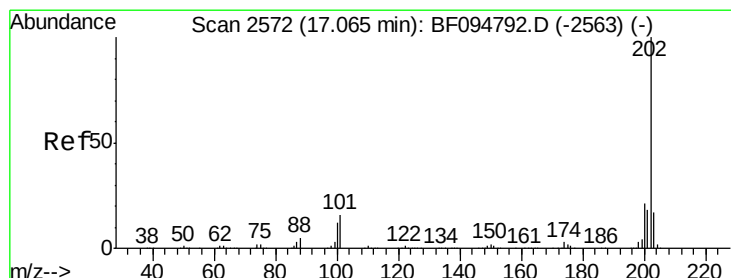
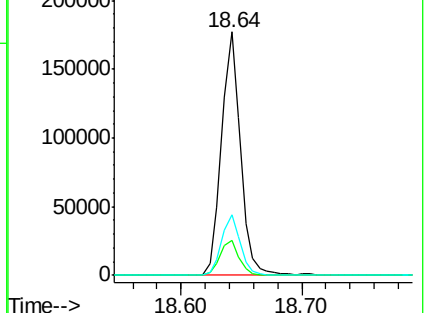
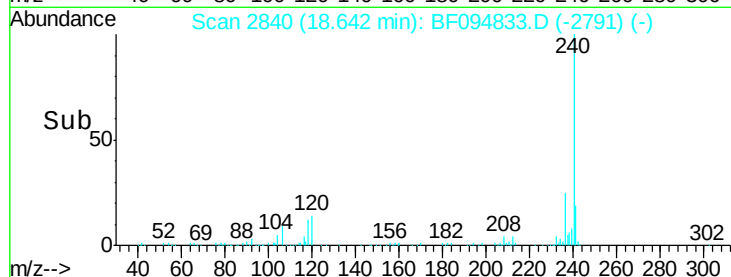
236 24.7 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 0.966 ng

RT: 17.06 min Scan# 2571

Delta R.T. -0.01 min

Lab File: BF094833.D

Acq: 3 May 2017 13:40

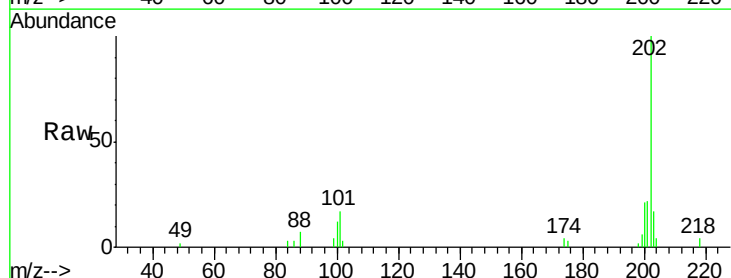
Tgt Ion:202 Resp: 13985

Ion Ratio Lower Upper

202 100

200 20.9 17.6 26.4

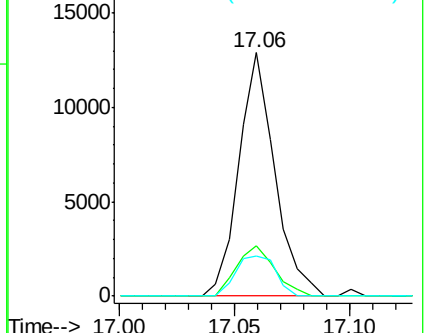
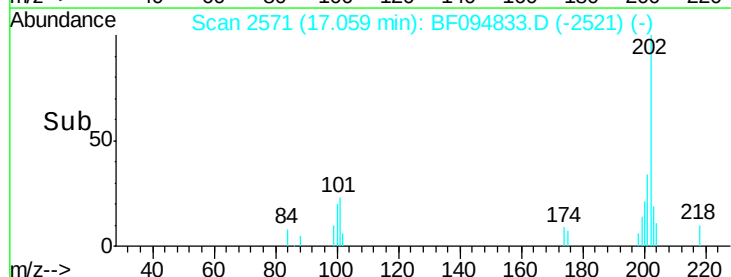
203 16.7 14.4 21.6

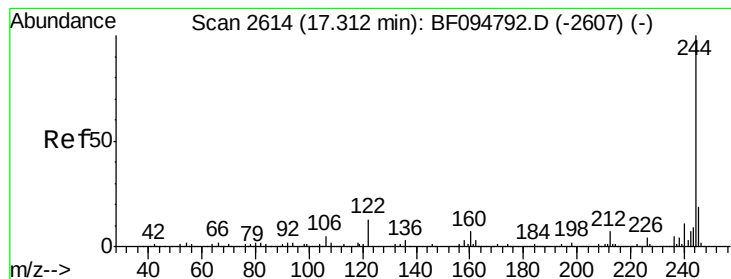


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 13.963 ng

RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF094833.D

Acq: 3 May 2017 13:40

Instrument :

BNA_F

ClientSampleId :

6TH-ST-PURGE-WATER(COMP)DL

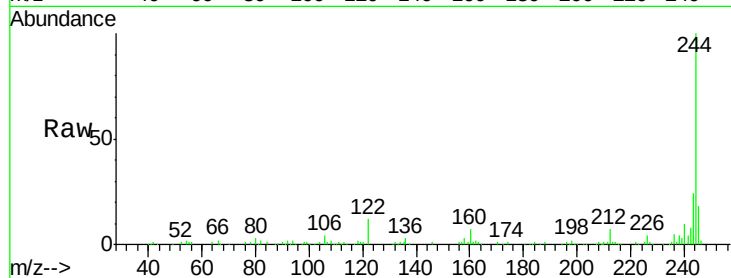
Tgt Ion:244 Resp: 122723

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

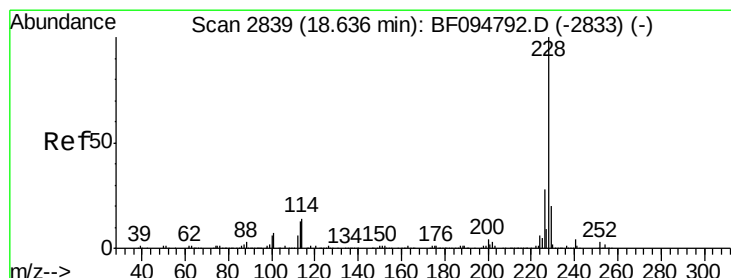
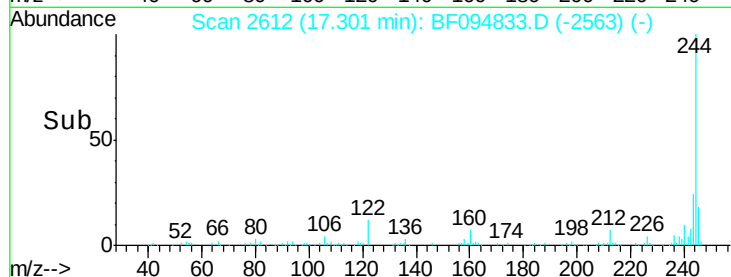
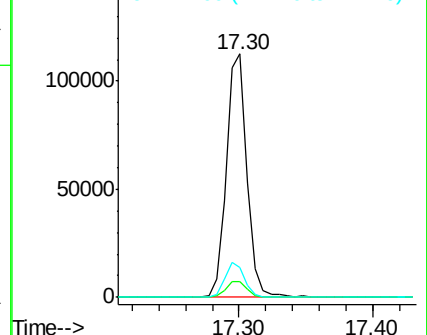
122 12.3 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 0.211 ng

RT: 18.63 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BF094833.D

Acq: 3 May 2017 13:40

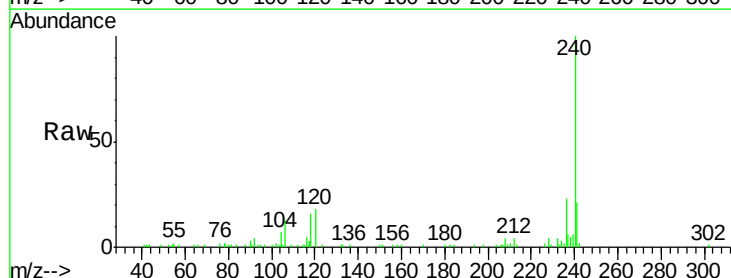
Tgt Ion:228 Resp: 2372

Ion Ratio Lower Upper

228 100

226 51.4 22.6 33.8#

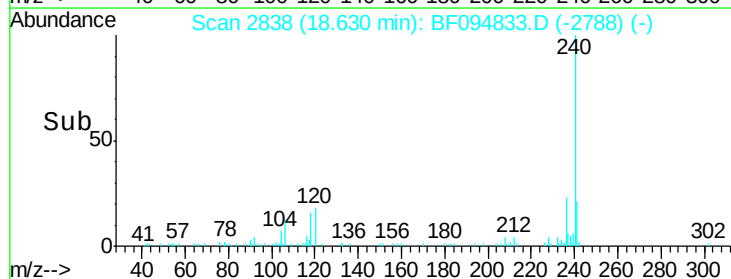
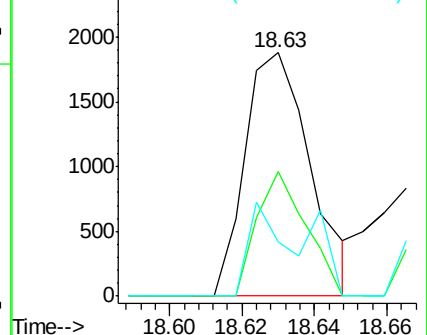
229 22.3 16.3 24.5

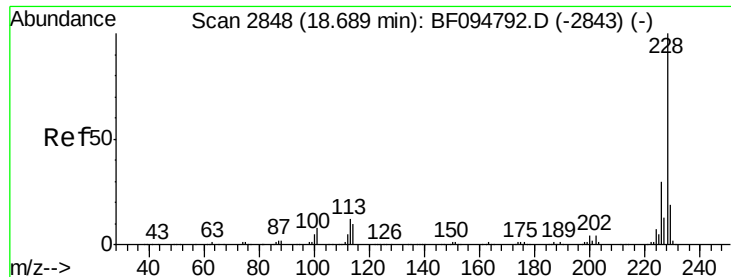


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.199 ng

RT: 18.67 min Scan# 2845

Delta R.T. -0.02 min

Lab File: BF094833.D

Acq: 3 May 2017 13:40

Instrument :

BNA_F

ClientSampleId :

6TH-ST-PURGE-WATER(COMP)DL

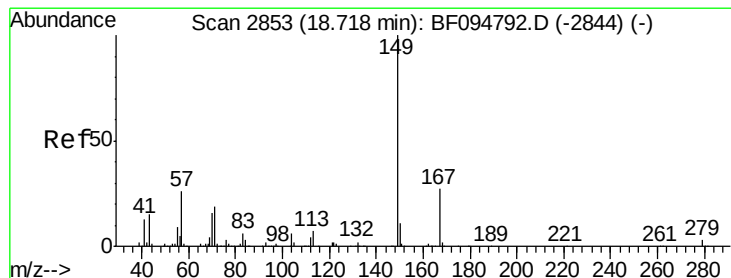
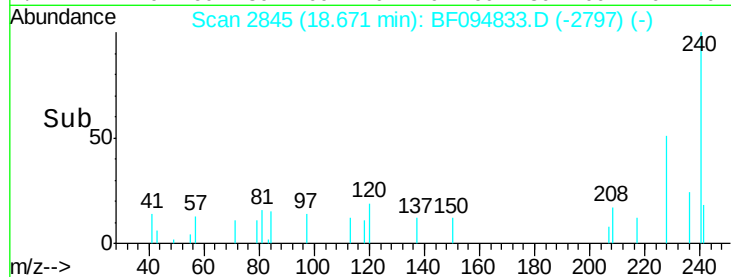
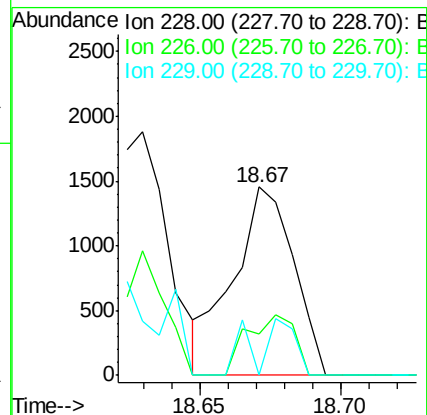
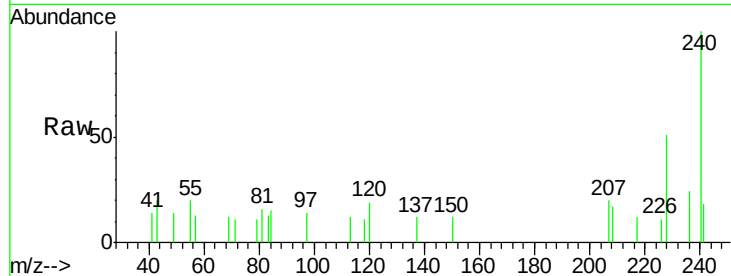
Tgt Ion:228 Resp: 2171

Ion Ratio Lower Upper

228 100

226 22.0 24.9 37.3#

229 0.0 15.8 23.6#



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.121 ng

RT: 18.71 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BF094833.D

Acq: 3 May 2017 13:40

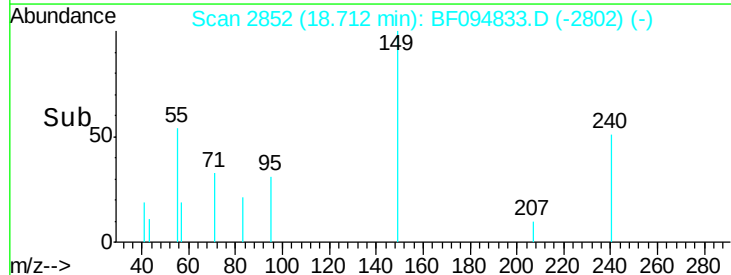
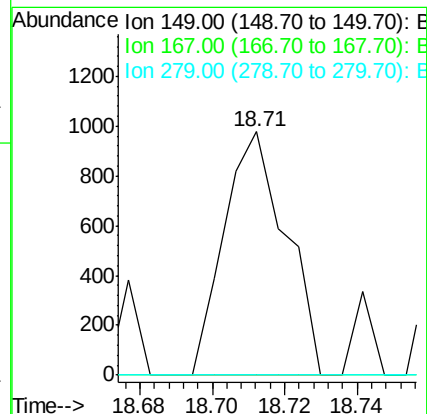
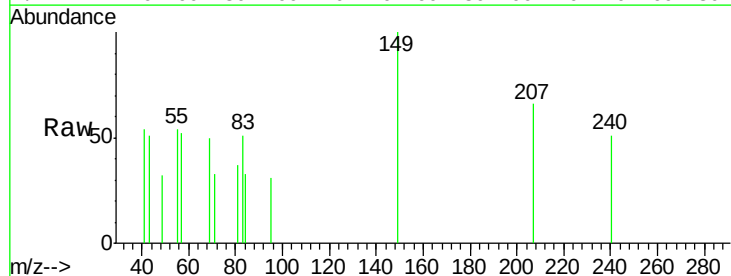
Tgt Ion:149 Resp: 1161

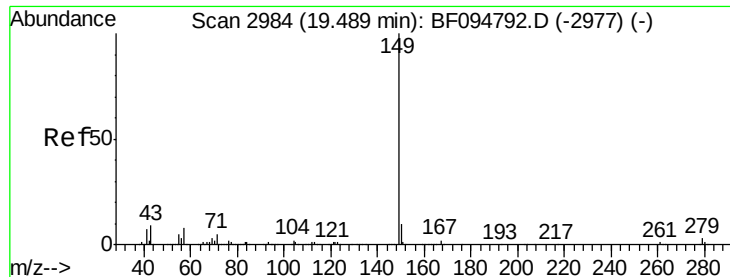
Ion Ratio Lower Upper

149 100

167 0.0 21.0 31.4#

279 0.0 1.9 2.9#





#84

Di-n-octyl phthalate

Concen: 0.029 ng

RT: 19.48 min Scan# 2982

Delta R.T. -0.01 min

Lab File: BF094833.D

Acq: 3 May 2017 13:40

Instrument :

BNA_F

ClientSampleId :

6TH-ST-PURGE-WATER(COMP)DL

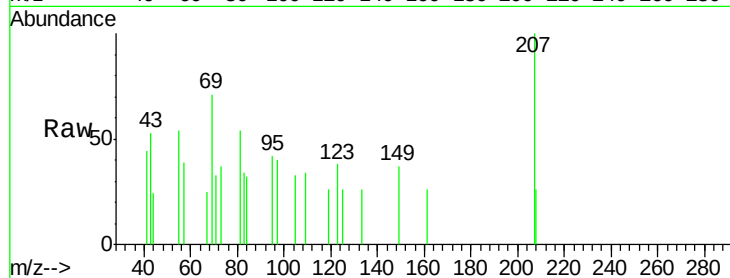
Tgt Ion:149 Resp: 449

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

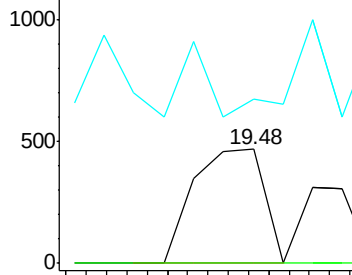
43 32.1 8.5 12.7#



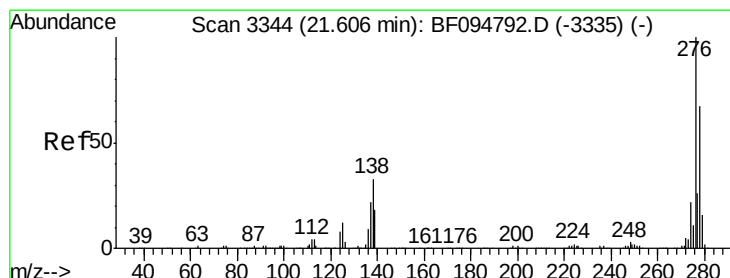
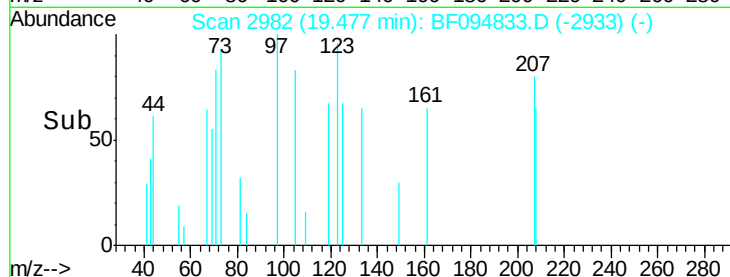
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



Time--> 19.44 19.46 19.48



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.012 ng

RT: 21.62 min Scan# 3347

Delta R.T. 0.02 min

Lab File: BF094833.D

Acq: 3 May 2017 13:40

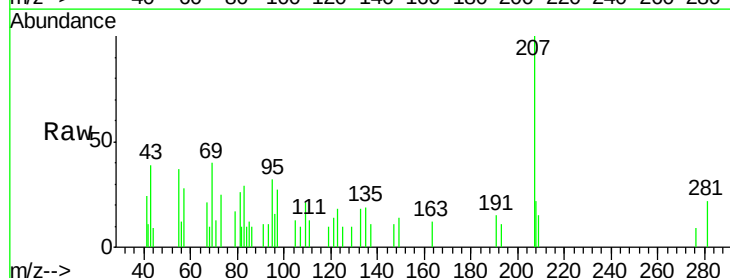
Tgt Ion:276 Resp: 107

Ion Ratio Lower Upper

276 100

138 0.0 27.8 41.6#

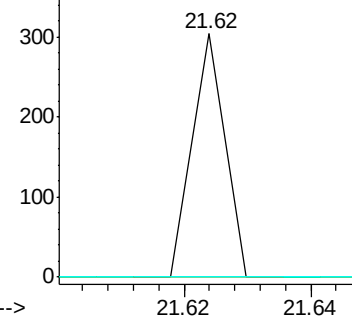
277 0.0 20.2 30.4#



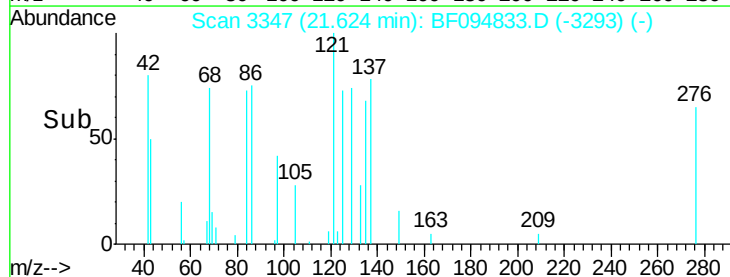
Abundance Ion 276.00 (275.70 to 276.70): E

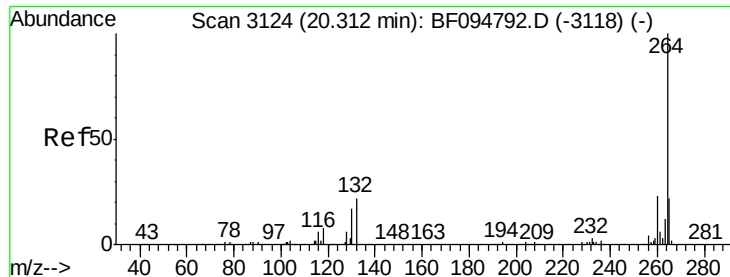
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time--> 21.62 21.64

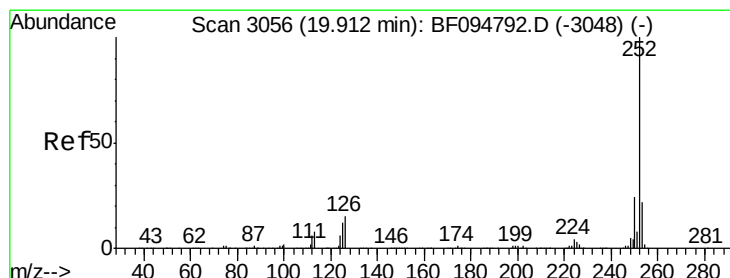
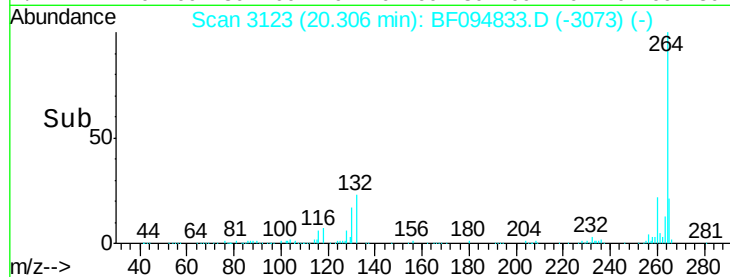
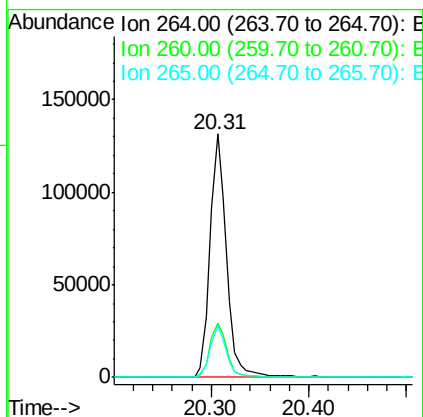
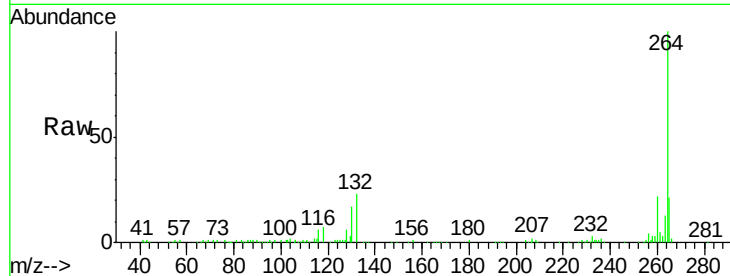




#86
Perylene-d12
Concen: 20.000 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094833.D
Acq: 3 May 2017 13:40

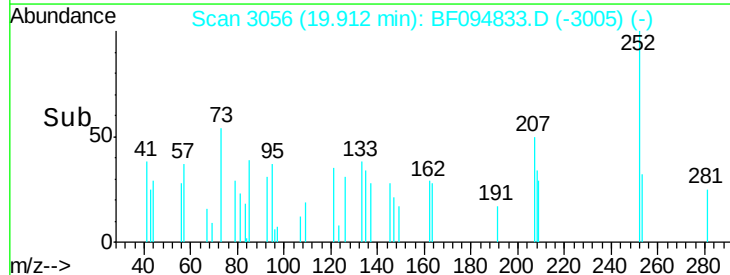
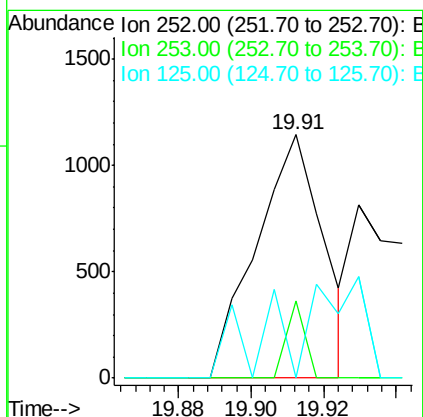
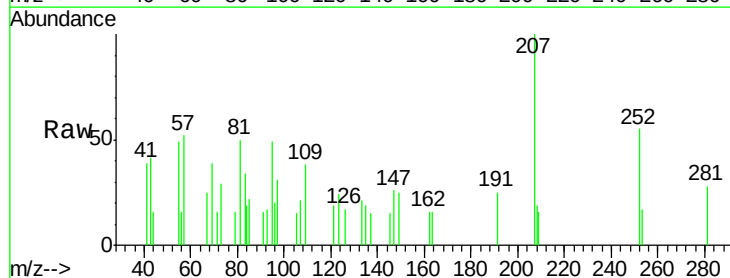
Instrument :
BNA_F
ClientSampleId :
6TH-ST-PURGE-WATER(COMP)DL

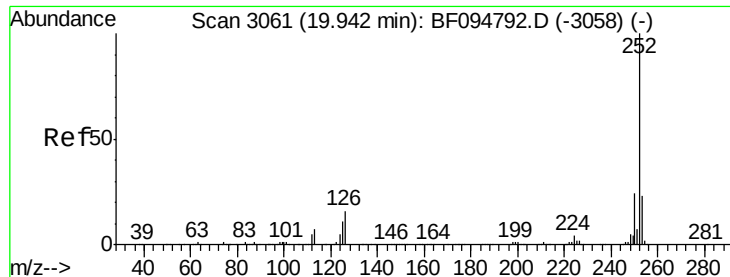
Tgt Ion: 264 Resp: 154200
Ion Ratio Lower Upper
264 100
260 22.4 19.5 29.3
265 21.0 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 0.154 ng
RT: 19.91 min Scan# 3056
Delta R.T. 0.00 min
Lab File: BF094833.D
Acq: 3 May 2017 13:40

Tgt Ion: 252 Resp: 1467
Ion Ratio Lower Upper
252 100
253 31.5 18.1 27.1#
125 0.0 9.8 14.8#





#88

Benzo(k)fluoranthene

Concen: 0.160 ng

RT: 19.91 min Scan# 3056

Delta R.T. -0.03 min

Lab File: BF094833.D

Acq: 3 May 2017 13:40

Instrument :

BNA_F

ClientSampleId :

6TH-ST-PURGE-WATER(COMP)DL

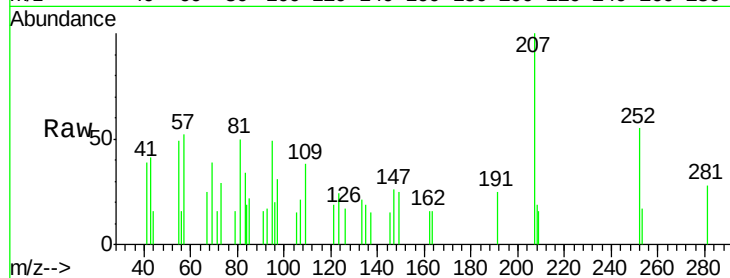
Tgt Ion:252 Resp: 1467

Ion Ratio Lower Upper

252 100

253 31.5 18.4 27.6#

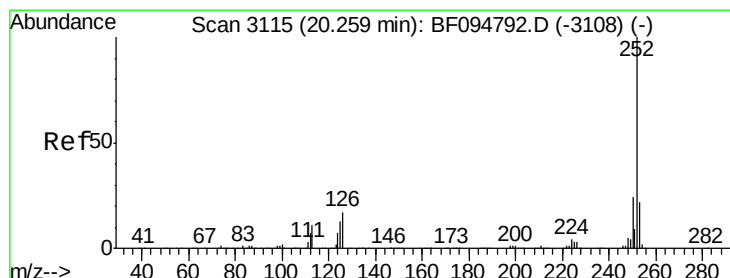
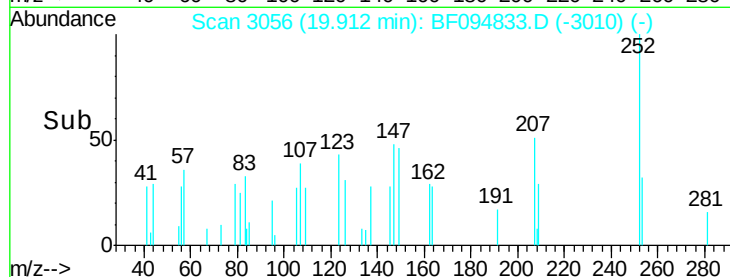
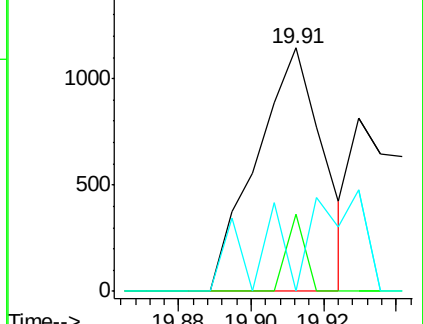
125 0.0 13.1 19.7#



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: 0.128 ng

RT: 20.25 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BF094833.D

Acq: 3 May 2017 13:40

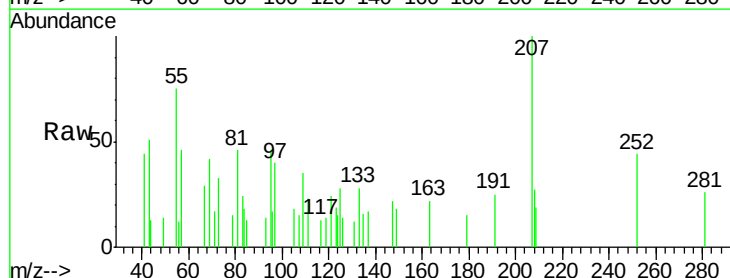
Tgt Ion:252 Resp: 1125

Ion Ratio Lower Upper

252 100

253 0.0 17.5 26.3#

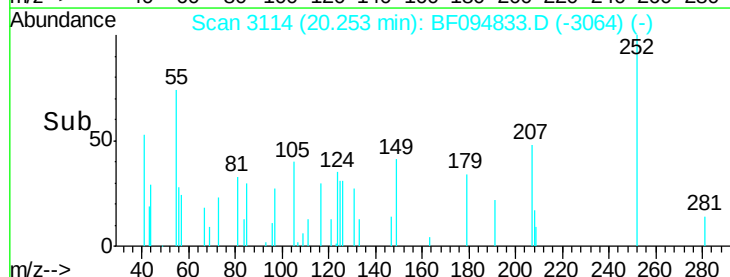
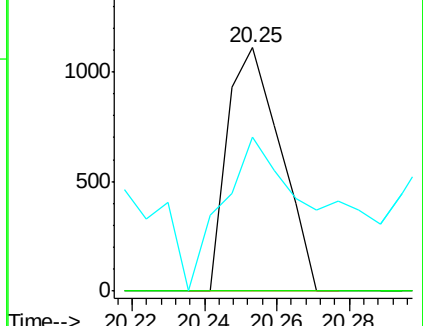
125 63.3 11.0 16.4#

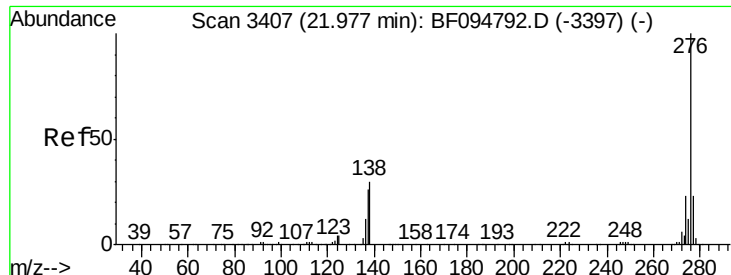


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(g,h,i)perylene

Concen: 0.017 ng

RT: 21.99 min Scan# 3410

Delta R.T. 0.02 min

Lab File: BF094833.D

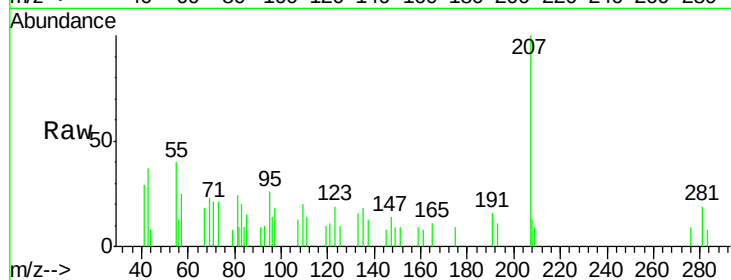
Acq: 3 May 2017 13:40

Instrument :

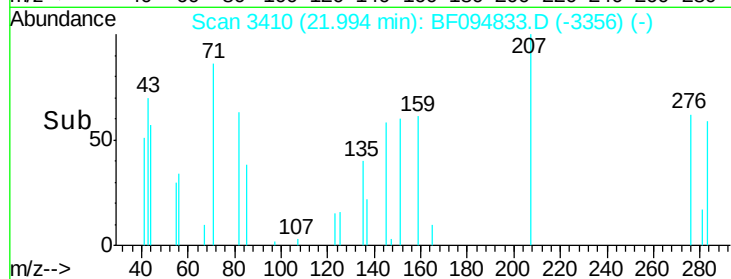
BNA_F

ClientSampleId :

6TH-ST-PURGE-WATER(COMP)DL



Tgt Ion:	276	Resp:	120
Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.6	28.0#
138	0.0	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

