

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085432.D
 Acq On : 14 Mar 2016 16:46
 Operator : UM/SJ
 Sample : H1755-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WESTE-WATER

Quant Time: Mar 15 01:00:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

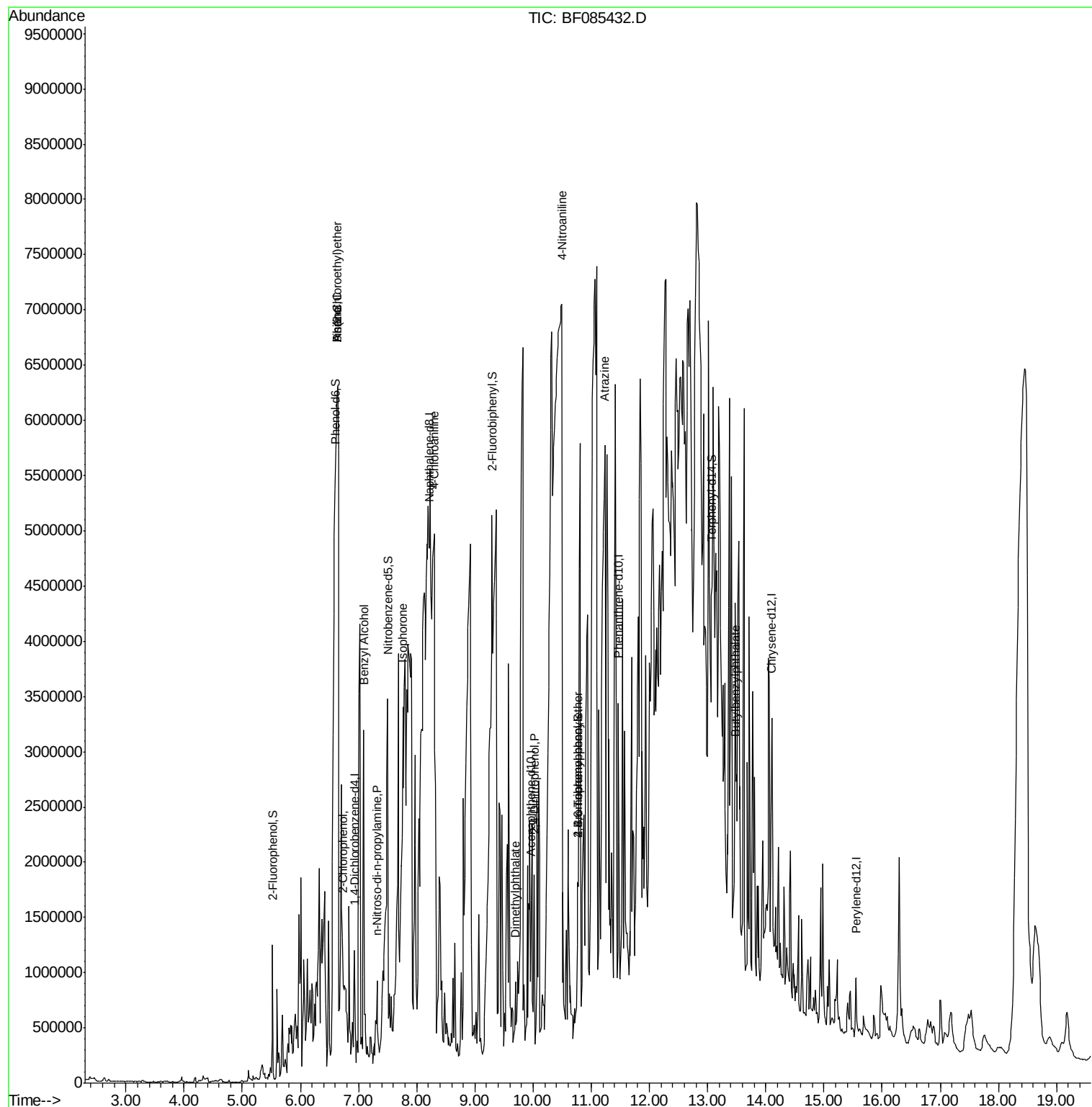
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	159031	20.00	ng	-0.06
21) Naphthalene-d8	8.22	136	439657	20.00	ng	-0.05
38) Acenaphthene-d10	9.97	164	255460	20.00	ng	-0.06
63) Phenanthrene-d10	11.47	188	391118	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	246834	20.00	ng	-0.05
86) Perylene-d12	15.56	264	284500	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	339983	35.86	ng	-0.06
7) Phenol-d6	6.60	99	143105	11.52	ng	-0.01
23) Nitrobenzene-d5	7.50	82	838292	102.03	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	161353	73.82	ng	-0.05
44) 2-Fluorobiphenyl	9.29	172	843524	50.22	ng	-0.06
78) Terphenyl-d14	13.08	244	294992	27.74	ng	-0.01
Target Compounds						Qvalue
6) Aniline	6.64	93	295204	16.96	ng	# 1
8) 2-Chlorophenol	6.72	128	176454	15.46	ng	92
9) Benzaldehyde	6.48	77	4563	Below Cal		# 25
10) Phenol	6.64	94	11826846	889.01	ng	97
11) bis(2-Chloroethyl)ether	6.64	93	295204	26.72	ng	# 1
15) Benzyl Alcohol	7.09	79	21065	2.31	ng	# 57
19) n-Nitroso-di-n-propylamine	7.32	70	66721	8.24	ng	# 66
25) Isophorone	7.76	82	35151	2.31	ng	# 46
33) 4-Chloroaniline	8.30	127	28505	3.26	ng	# 1
49) Dimethylphthalate	9.69	163	203559	10.38	ng	99
53) 2,4-Dinitrophenol	10.02	184	3976	9.71	ng	# 20
61) 4-Nitroaniline	10.49	138	354607	75.55	ng	# 23
66) 4-Bromophenyl-phenylether	10.77	248	11410	3.00	ng	# 1
68) Atrazine	11.24	200	16840	4.98	ng	# 46
79) Butylbenzylphthalate	13.49	149	58300	6.92	ng	# 95

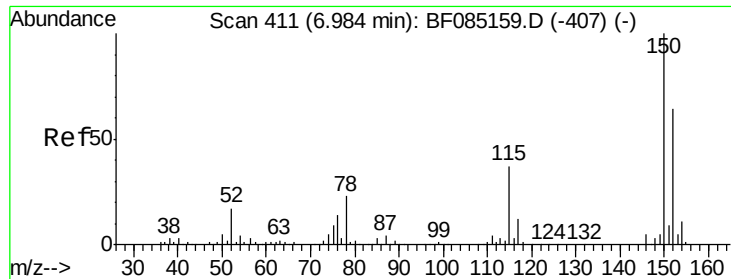
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF085432.D

Acq: 14 Mar 2016 16:46

Instrument :

BNA_F

ClientSampleId :

EFF-WESTE-WATER

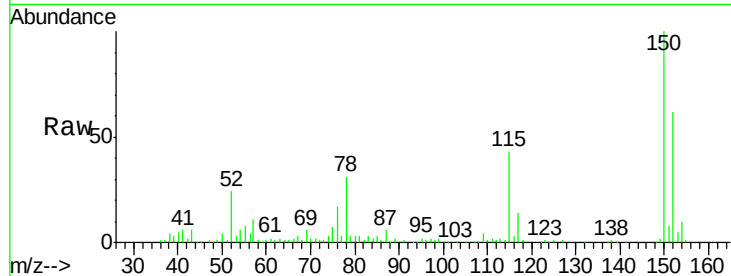
Tgt Ion:152 Resp: 159031

Ion Ratio Lower Upper

152 100

150 160.2 124.6 186.8

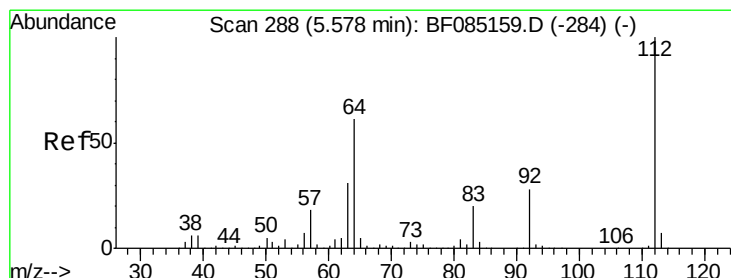
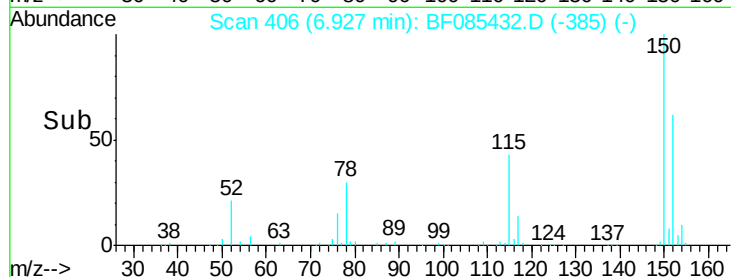
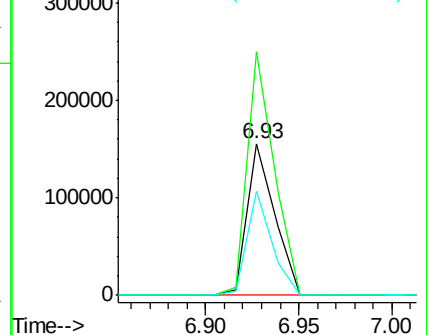
115 68.7 46.6 70.0



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



#5

2-Fluorophenol

Concen: 35.86 ng

RT: 5.52 min Scan# 283

Delta R.T. -0.06 min

Lab File: BF085432.D

Acq: 14 Mar 2016 16:46

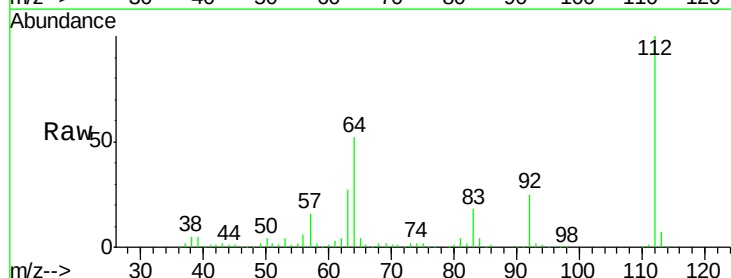
Tgt Ion:112 Resp: 339983

Ion Ratio Lower Upper

112 100

64 52.3 49.0 73.4

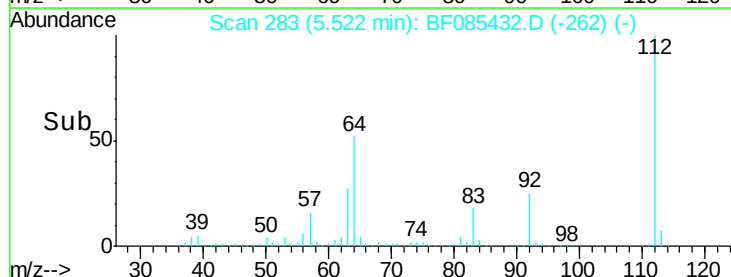
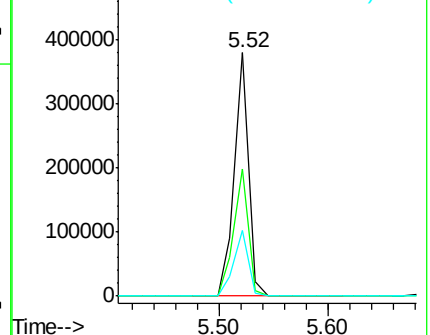
63 26.8 24.8 37.2

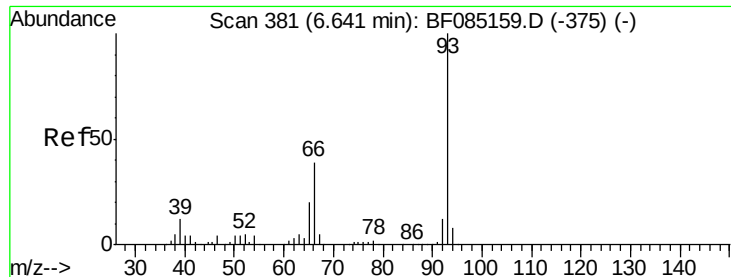


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 16.96 ng

RT: 6.64 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF085432.D

Acq: 14 Mar 2016 16:46

Instrument :

BNA_F

ClientSampleId :

EFF-WESTE-WATER

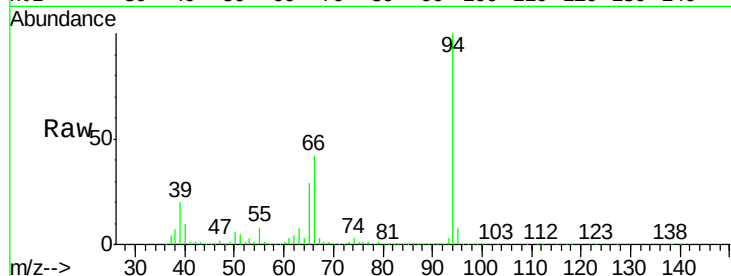
Tgt Ion: 93 Resp: 295204

Ion Ratio Lower Upper

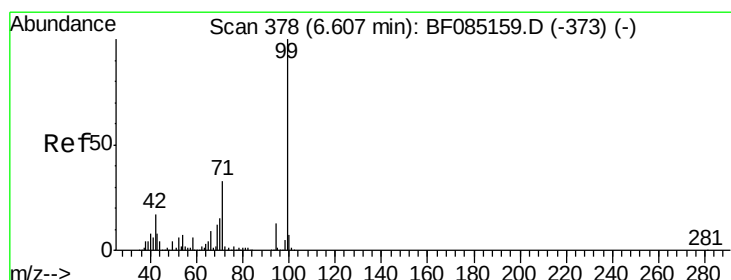
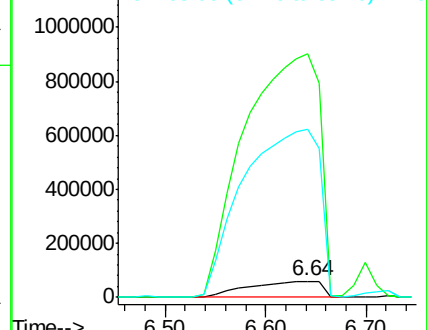
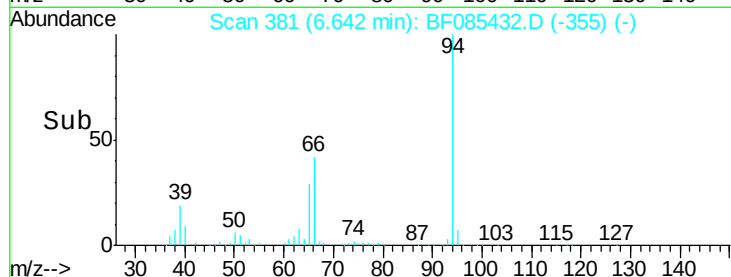
93 100

66 1489.5 31.6 47.4#

65 1025.6 15.8 23.8#



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: 11.52 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085432.D

Acq: 14 Mar 2016 16:46

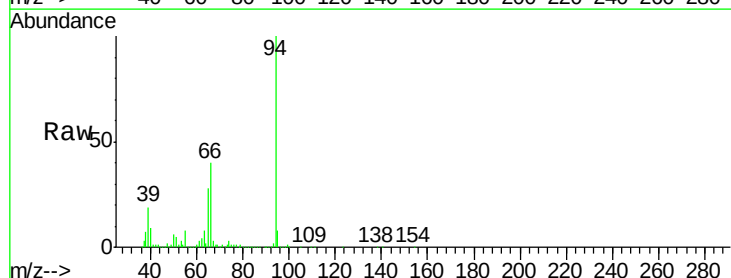
Tgt Ion: 99 Resp: 143105

Ion Ratio Lower Upper

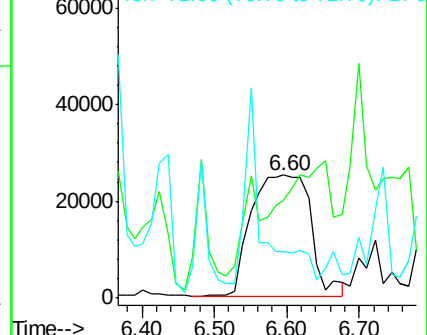
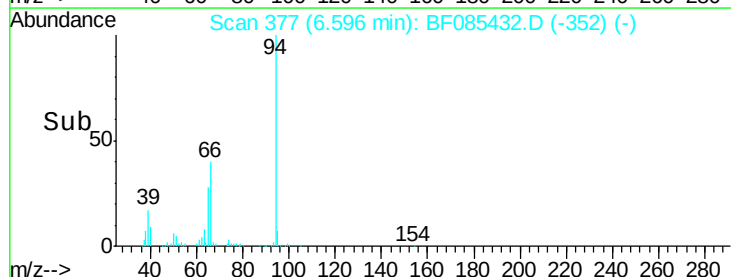
99 100

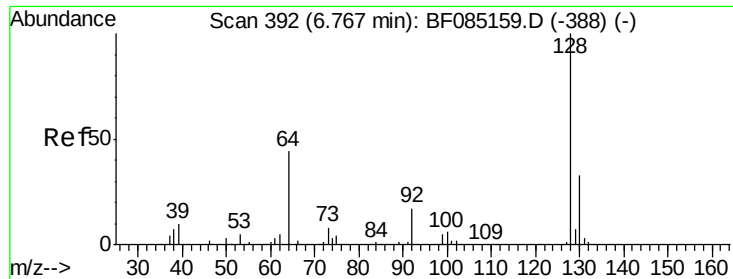
42 79.4 13.6 20.4#

71 37.9 26.7 40.1



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: 15.46 ng

RT: 6.72 min Scan# 388

Delta R.T. -0.05 min

Lab File: BF085432.D

Acq: 14 Mar 2016 16:46

Instrument :

BNA_F

ClientSampleId :

EFF-WESTE-WATER

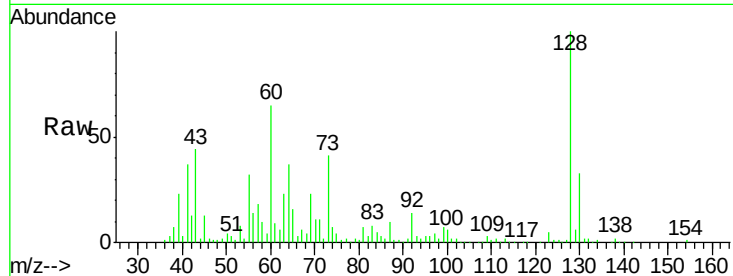
Tgt Ion:128 Resp: 176454

Ion Ratio Lower Upper

128 100

130 32.7 13.3 53.3

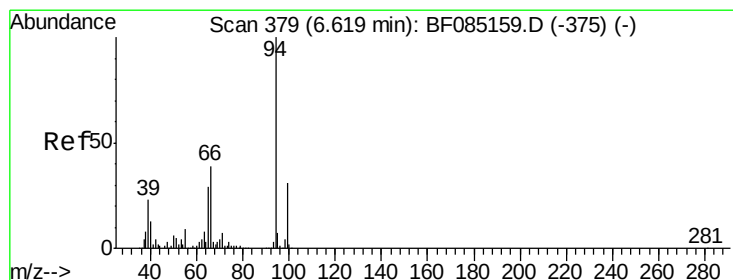
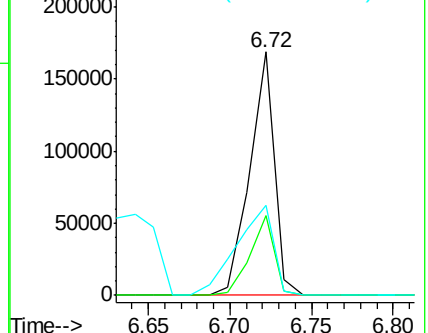
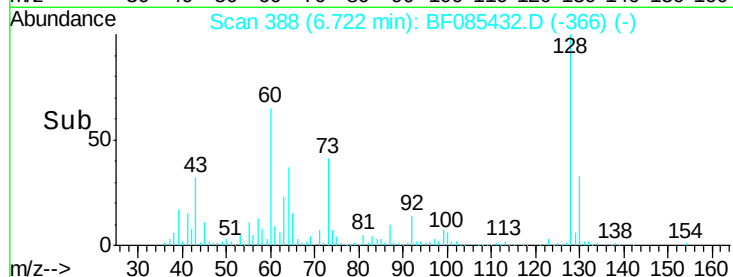
64 36.8 25.7 65.7



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



#10

Phenol

Concen: 889.01 ng

RT: 6.64 min Scan# 381

Delta R.T. 0.02 min

Lab File: BF085432.D

Acq: 14 Mar 2016 16:46

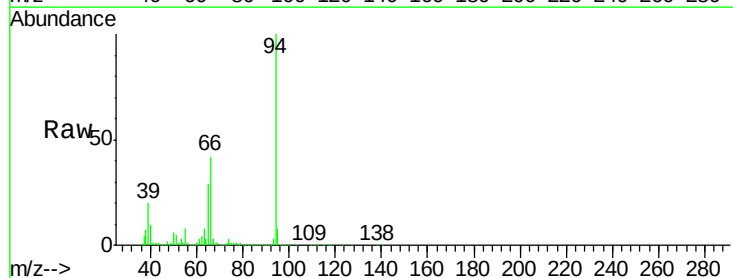
Tgt Ion: 94 Resp:11826846

Ion Ratio Lower Upper

94 100

65 28.8 9.1 49.1

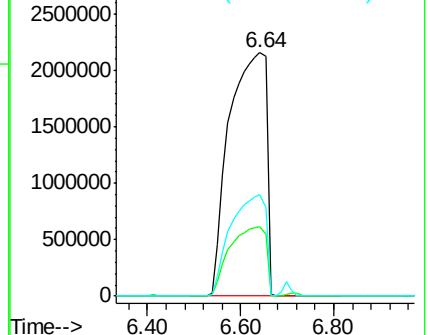
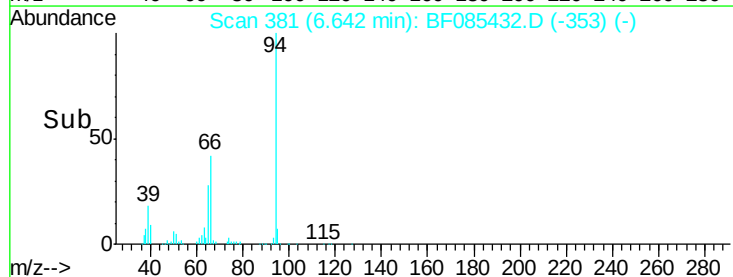
66 41.8 19.3 59.3

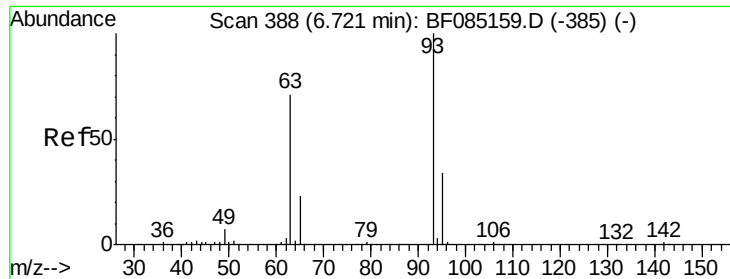


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

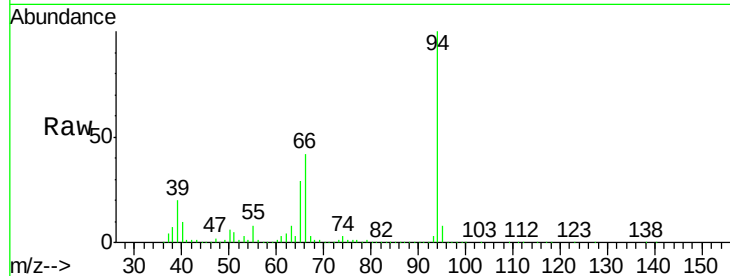




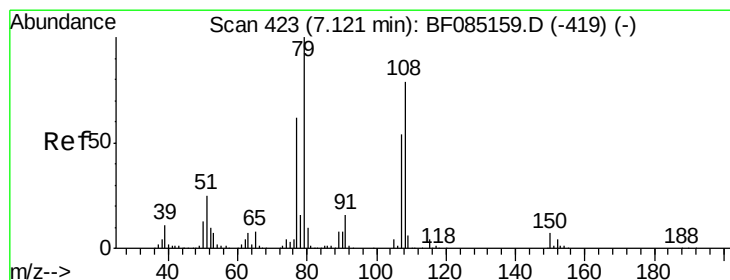
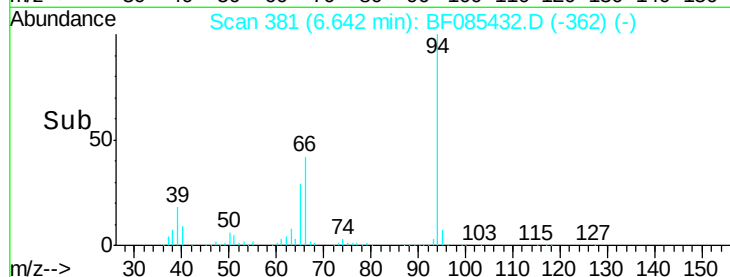
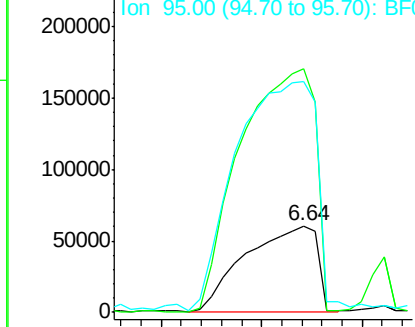
#11
bis(2-Chloroethyl)ether
Concen: 26.72 ng
RT: 6.64 min Scan# 381
Delta R.T. -0.08 min
Lab File: BF085432.D
Acq: 14 Mar 2016 16:46

Instrument :
BNA_F
ClientSampleId :
EFF-WESTE-WATER

Tgt Ion: 93 Resp: 295204
Ion Ratio Lower Upper
93 100
63 281.5 50.9 90.9#
95 267.5 13.7 53.7#

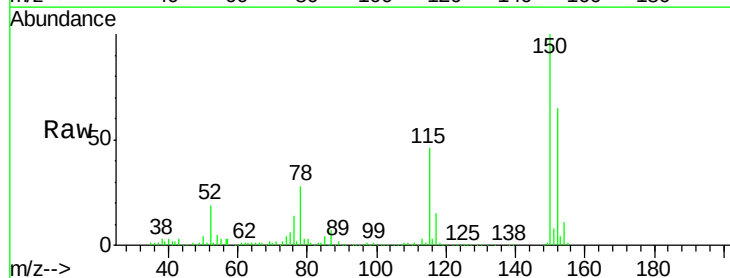


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

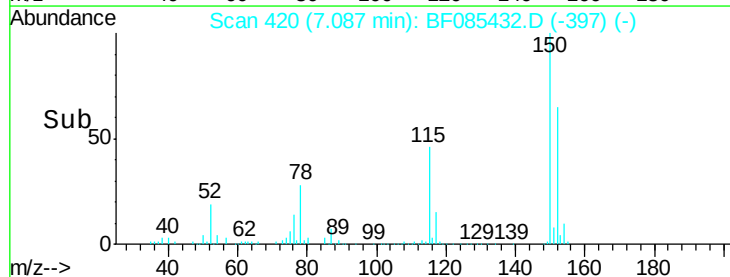
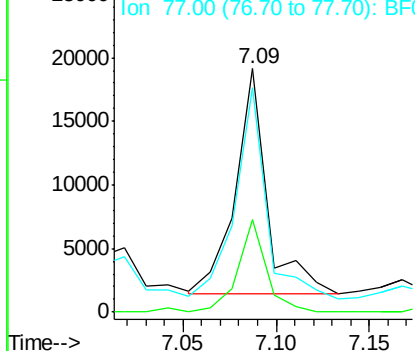


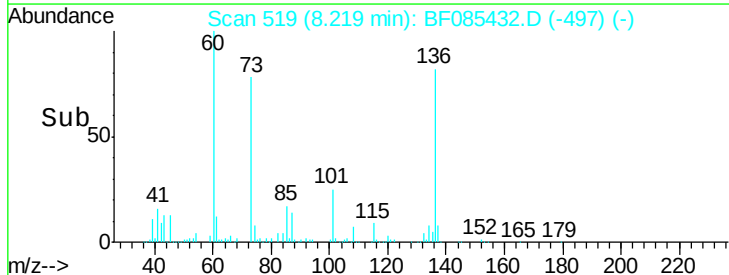
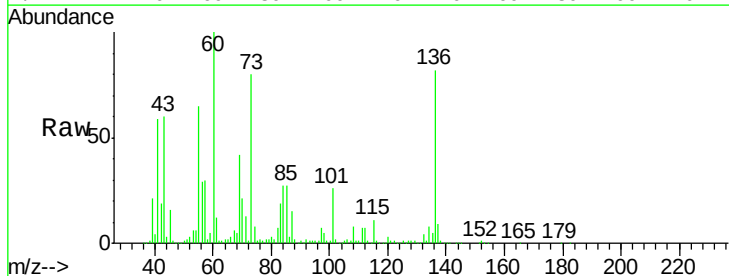
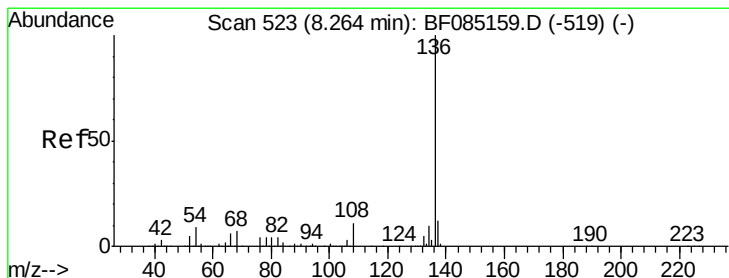
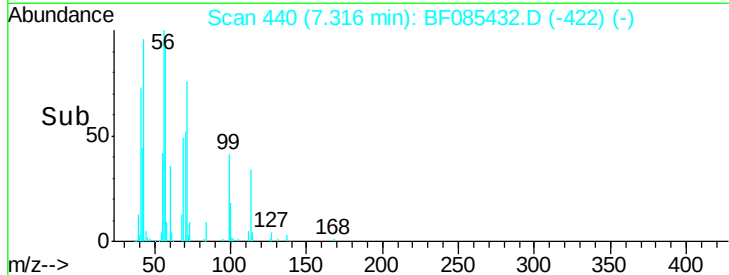
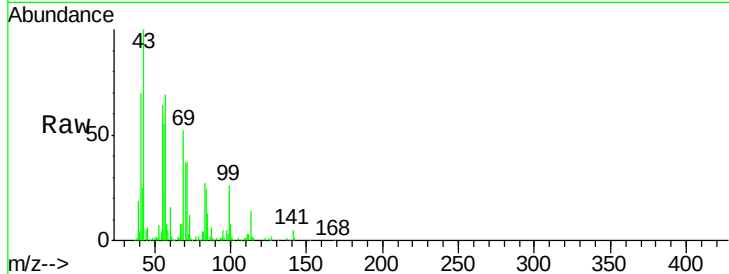
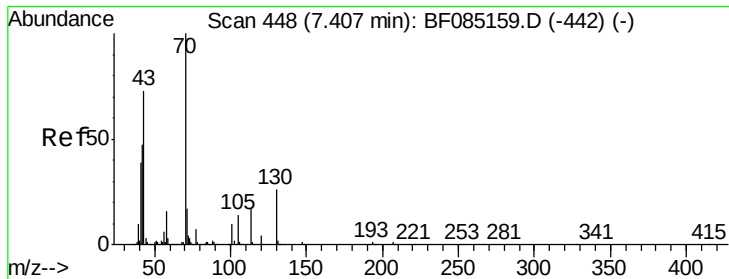
#15
Benzyl Alcohol
Concen: 2.31 ng
RT: 7.09 min Scan# 420
Delta R.T. -0.03 min
Lab File: BF085432.D
Acq: 14 Mar 2016 16:46

Tgt Ion: 79 Resp: 21065
Ion Ratio Lower Upper
79 100
108 38.0 62.9 94.3#
77 92.4 49.5 74.3#



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

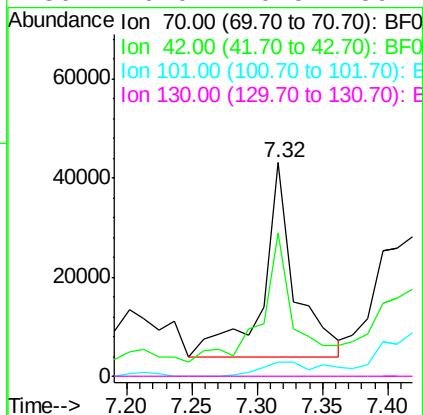




#19
n-Nitroso-di-n-propylamine
Concen: 8.24 ng
RT: 7.32 min Scan# 440
Delta R.T. -0.09 min
Lab File: BF085432.D
Acq: 14 Mar 2016 16:46

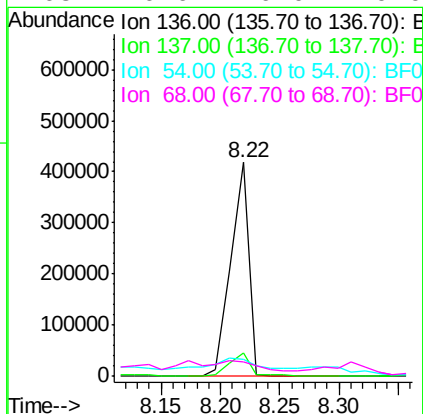
Instrument :
BNA_F
ClientSampleId :
EFF-WESTE-WATER

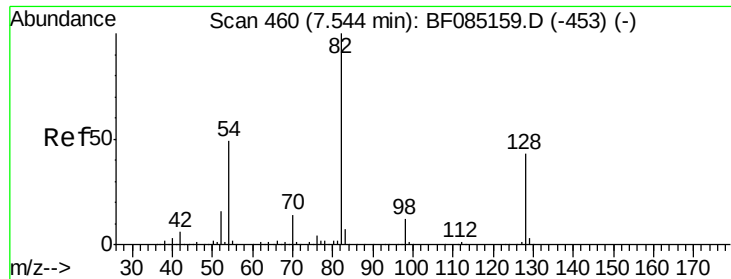
Tgt Ion:	70	Resp:	66721
Ion	Ratio	Lower	Upper
70	100		
42	67.3	37.7	56.5#
101	6.6	8.2	12.4#
130	0.0	20.5	30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF085432.D
Acq: 14 Mar 2016 16:46

Tgt Ion:	136	Resp:	439657
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.3	13.9
54	7.8	7.4	11.2
68	6.6	6.0	9.0

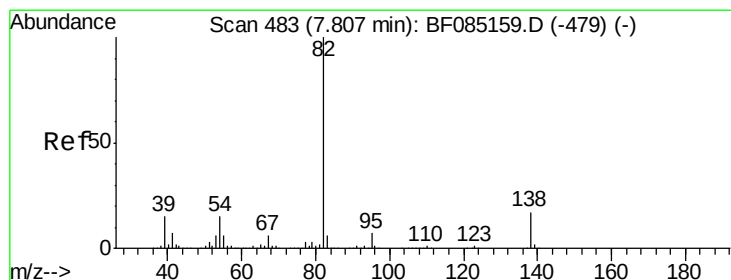
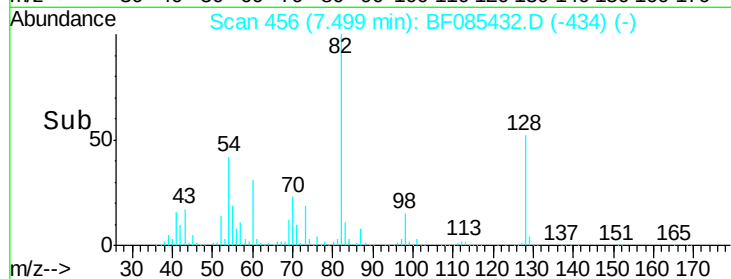
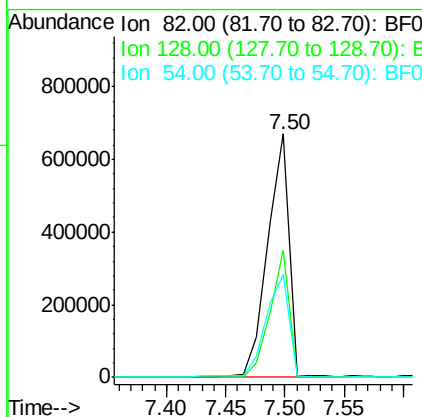
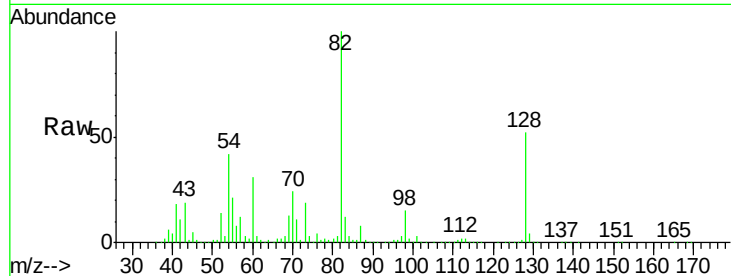




#23
 Nitrobenzene-d5
 Concen: 102.03 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF085432.D
 Acq: 14 Mar 2016 16:46

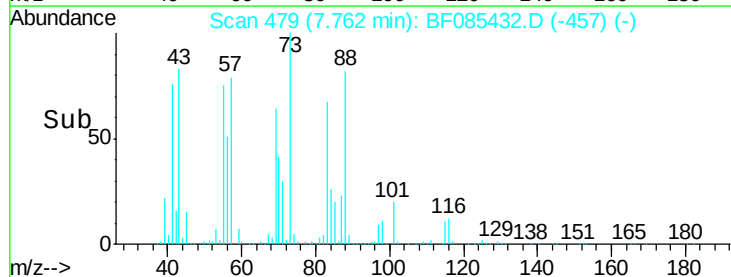
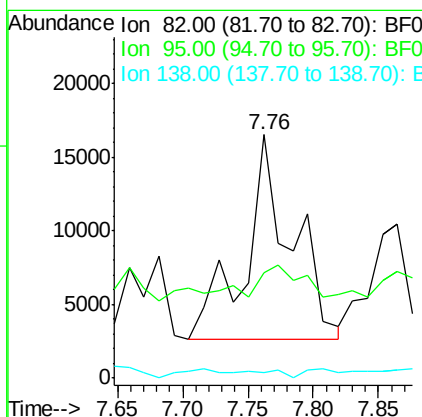
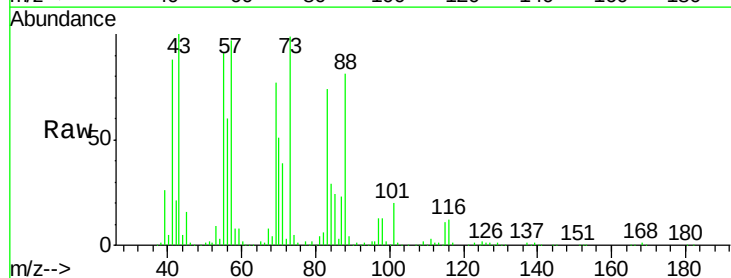
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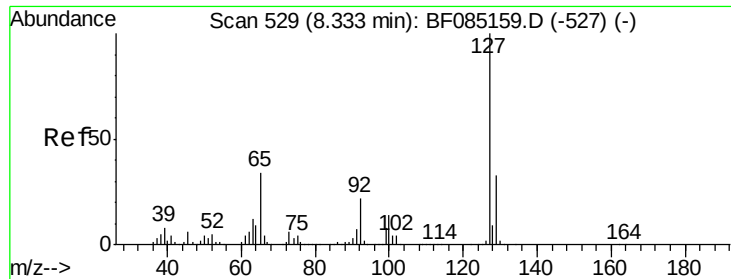
Tgt Ion: 82 Resp: 838292
 Ion Ratio Lower Upper
 82 100
 128 52.3 34.5 51.7#
 54 42.1 39.3 58.9



#25
 Isophorone
 Concen: 2.31 ng
 RT: 7.76 min Scan# 479
 Delta R.T. -0.05 min
 Lab File: BF085432.D
 Acq: 14 Mar 2016 16:46

Tgt Ion: 82 Resp: 35151
 Ion Ratio Lower Upper
 82 100
 95 43.3 5.4 8.2#
 138 2.5 13.3 19.9#

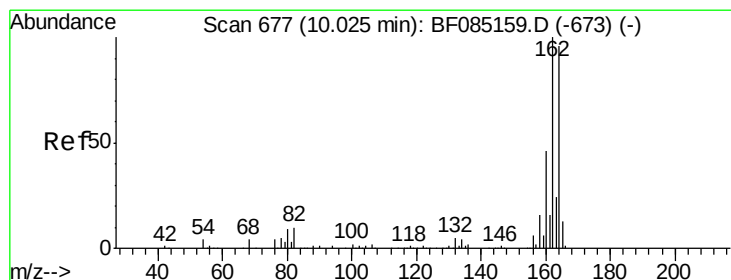
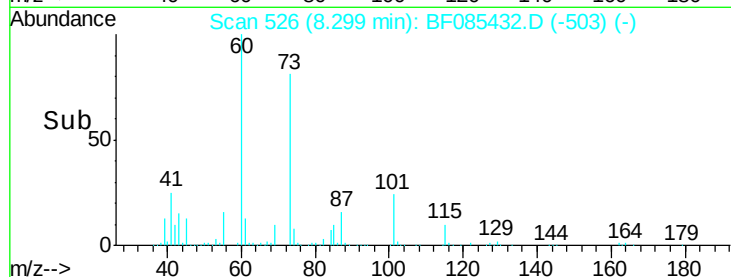
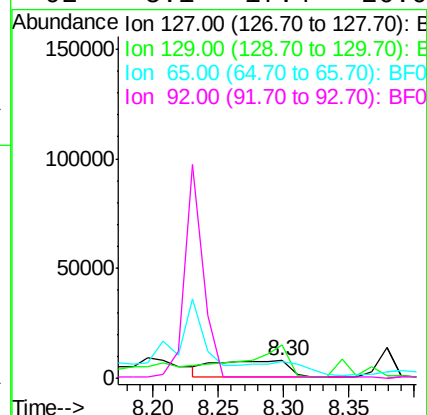
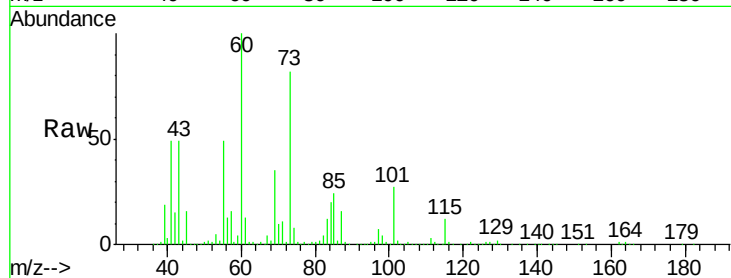




#33
4-Chloroaniline
Concen: 3.26 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF085432.D
Acq: 14 Mar 2016 16:46

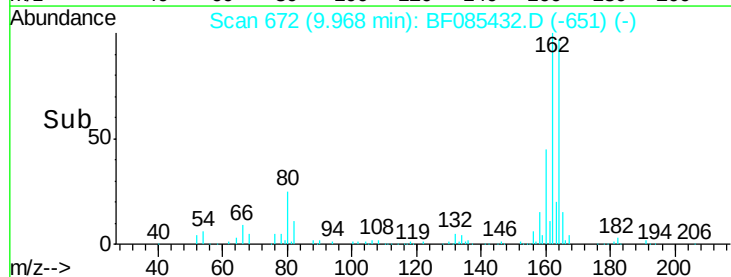
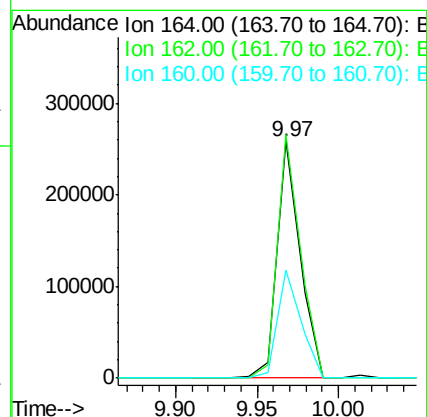
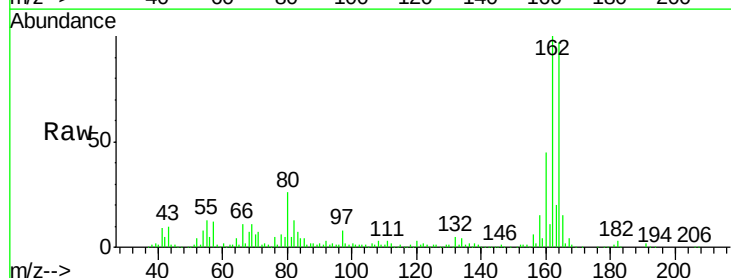
Instrument :
BNA_F
ClientSampleId :
EFF-WESTE-WATER

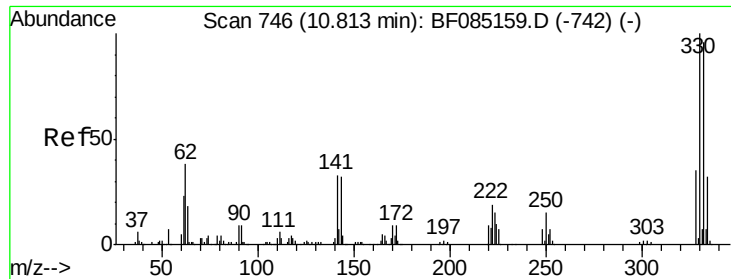
Tgt Ion:	127	Resp:	28505
Ion	Ratio	Lower	Upper
127	100		
129	195.3	26.1	39.1#
65	98.4	27.0	40.6#
92	5.1	17.4	26.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 672
Delta R.T. -0.06 min
Lab File: BF085432.D
Acq: 14 Mar 2016 16:46

Tgt Ion:	164	Resp:	255460
Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.3	124.9
160	45.8	37.9	56.9

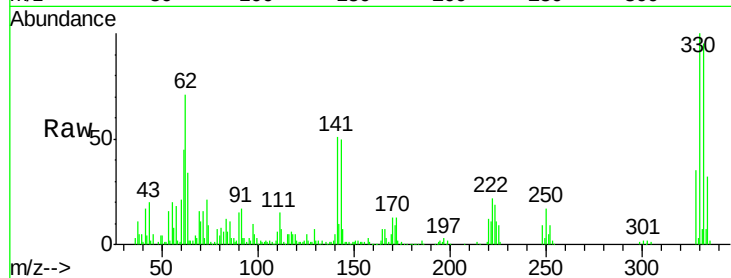




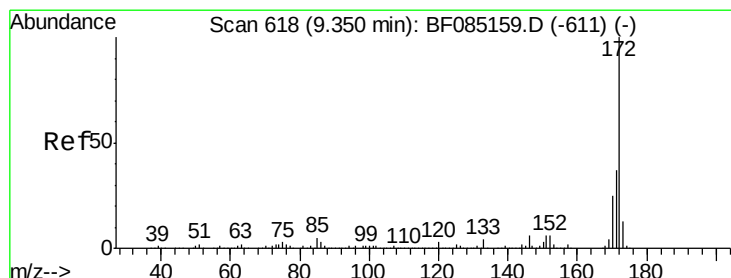
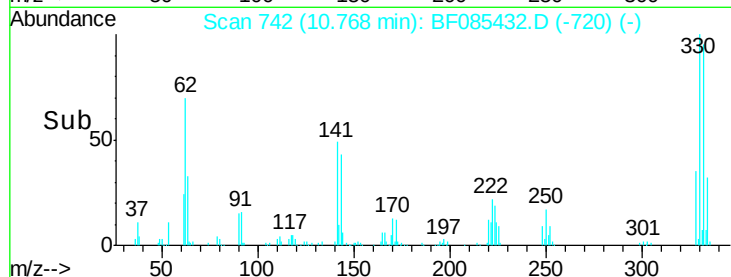
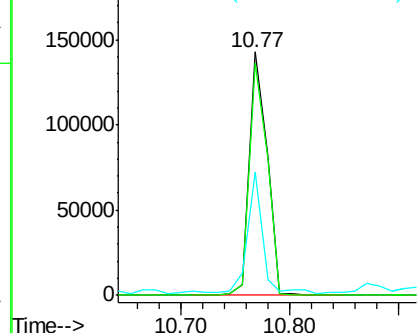
#41
 2,4,6-Tribromophenol
 Concen: 73.82 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085432.D
 Acq: 14 Mar 2016 16:46

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WESTE-WATER

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	42.6	35.0	52.6

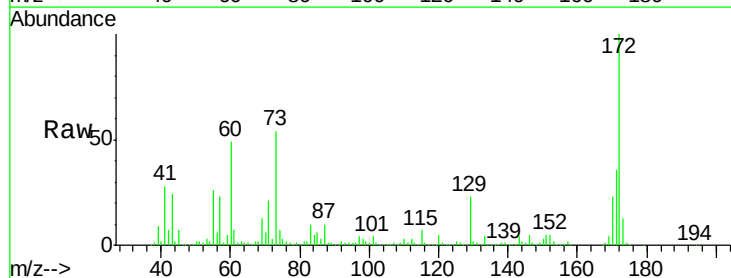


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

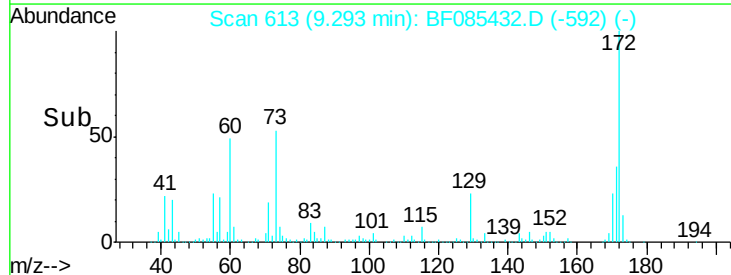
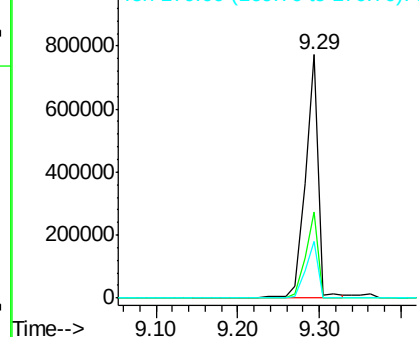


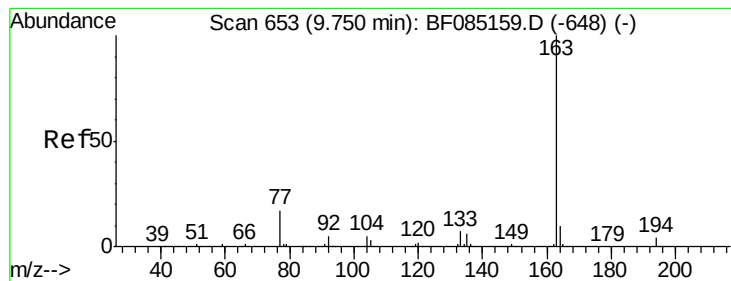
#44
 2-Fluorobiphenyl
 Concen: 50.22 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.06 min
 Lab File: BF085432.D
 Acq: 14 Mar 2016 16:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.3	43.9
170	23.5	20.0	30.0



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





#49

Dimethylphthalate

Concen: 10.38 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.06 min

Lab File: BF085432.D

Acq: 14 Mar 2016 16:46

Instrument :

BNA_F

ClientSampleId :

EFF-WESTE-WATER

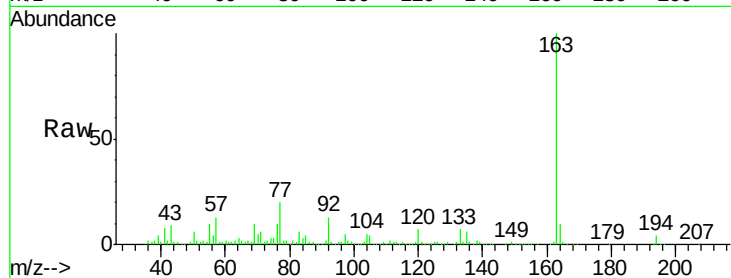
Tgt Ion:163 Resp: 203559

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

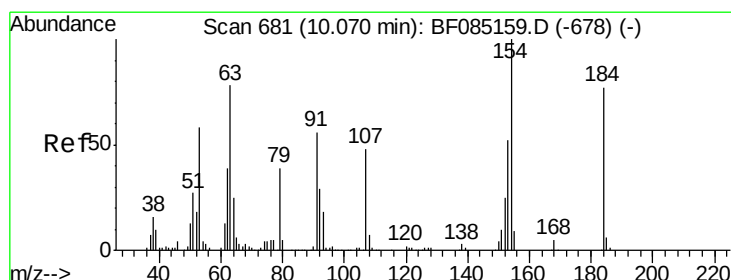
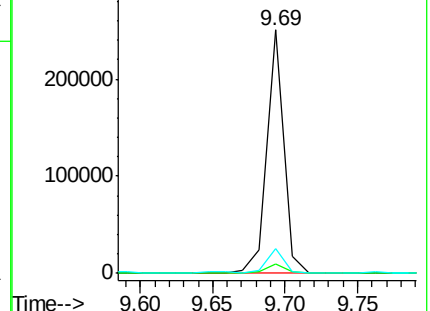
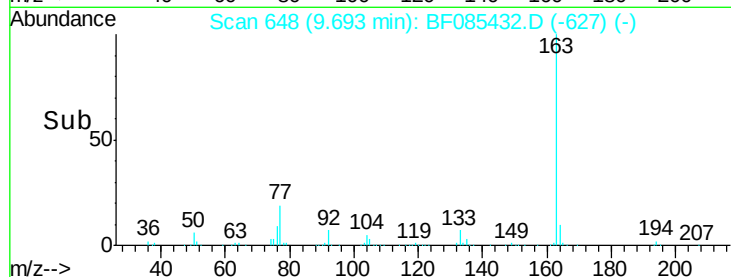
164 9.9 8.2 12.4



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



#53

2,4-Dinitrophenol

Concen: 9.71 ng

RT: 10.02 min Scan# 677

Delta R.T. -0.05 min

Lab File: BF085432.D

Acq: 14 Mar 2016 16:46

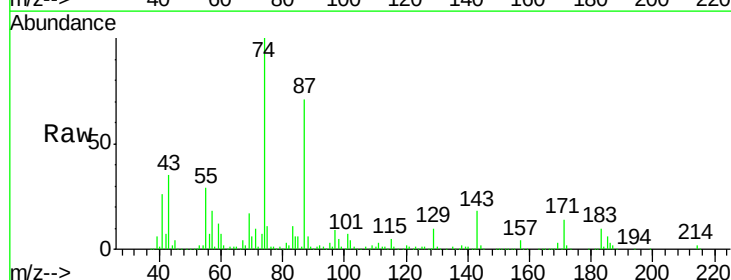
Tgt Ion:184 Resp: 3976

Ion Ratio Lower Upper

184 100

63 54.3 82.2 123.4#

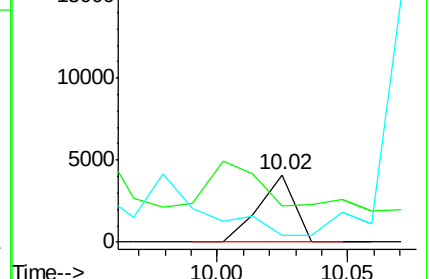
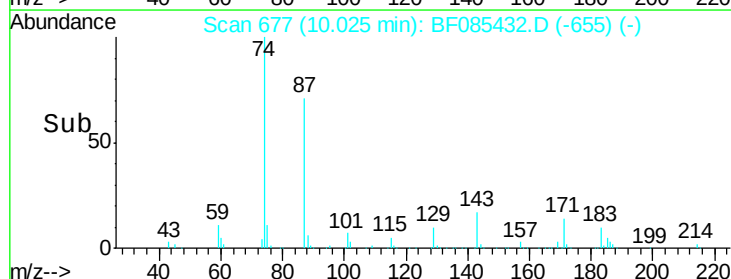
154 10.1 108.9 163.3#

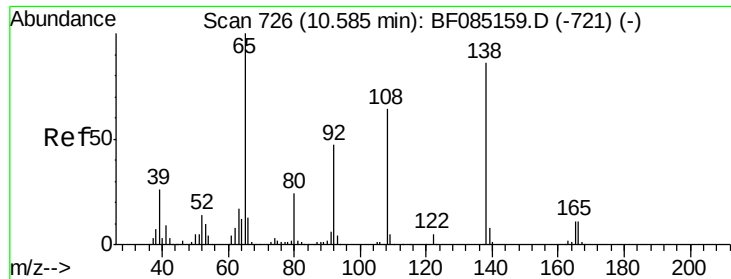


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

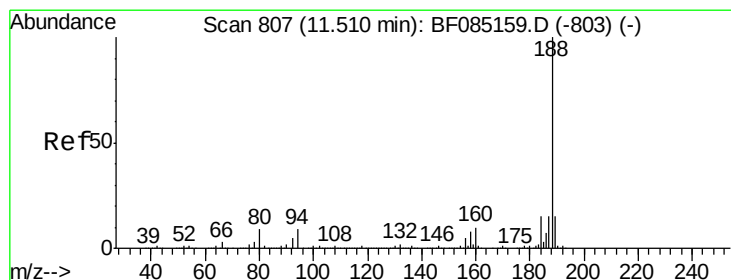
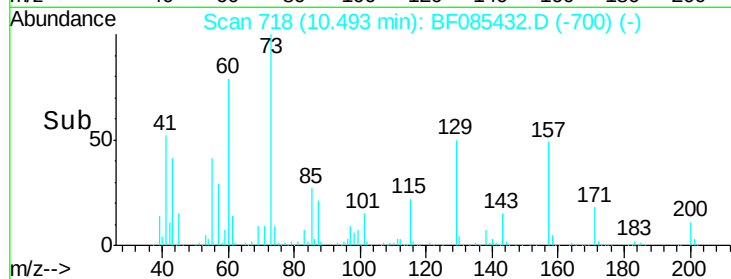
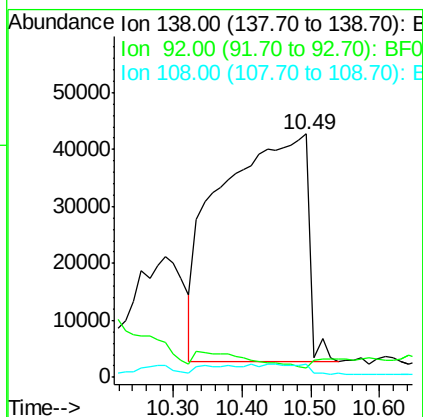
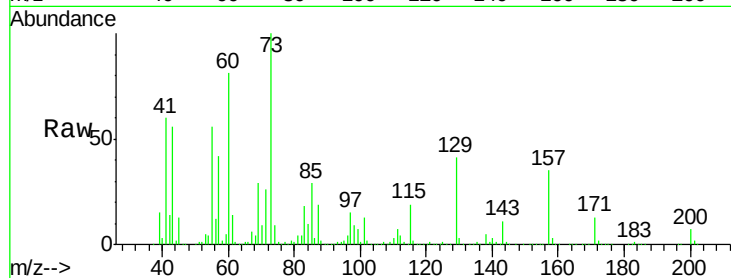




#61
4-Nitroaniline
Concen: 75.55 ng
RT: 10.49 min Scan# 718
Delta R.T. -0.09 min
Lab File: BF085432.D
Acq: 14 Mar 2016 16:46

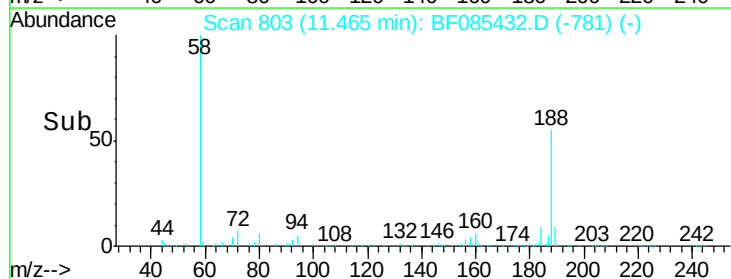
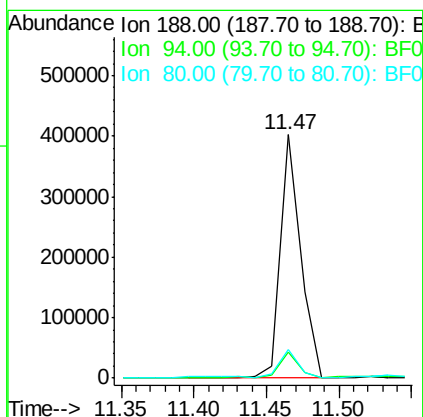
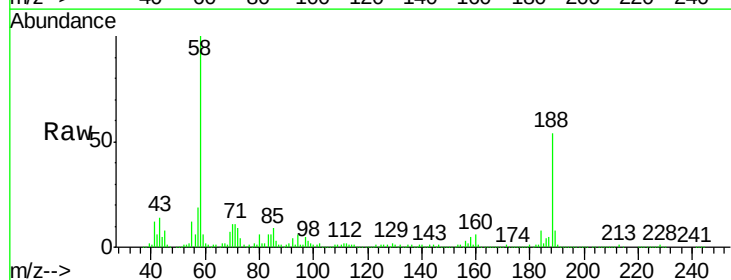
Instrument :
BNA_F
ClientSampleId :
EFF-WESTE-WATER

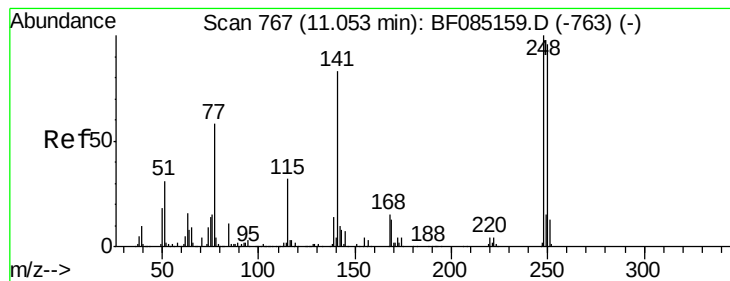
Tgt Ion:138 Resp: 354607
Ion Ratio Lower Upper
138 100
92 3.8 34.2 74.2#
108 5.2 53.9 93.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF085432.D
Acq: 14 Mar 2016 16:46

Tgt Ion:188 Resp: 391118
Ion Ratio Lower Upper
188 100
94 10.9 7.0 10.6#
80 11.8 7.4 11.0#





#66

4-Bromophenyl-phenylether

Concen: 3.00 ng

RT: 10.77 min Scan# 742

Delta R.T. -0.29 min

Lab File: BF085432.D

Acq: 14 Mar 2016 16:46

Instrument :

BNA_F

ClientSampleId :

EFF-WESTE-WATER

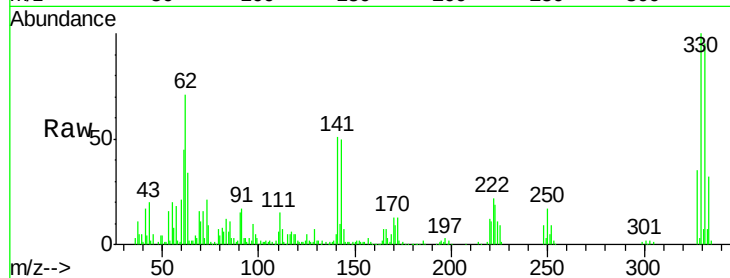
Tgt Ion:248 Resp: 11410

Ion Ratio Lower Upper

248 100

250 194.2 77.1 115.7#

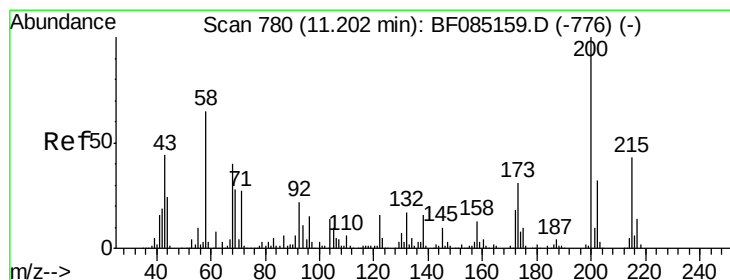
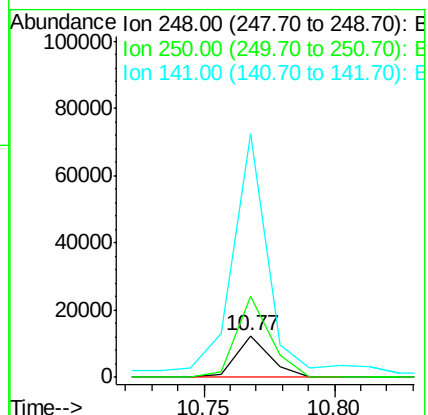
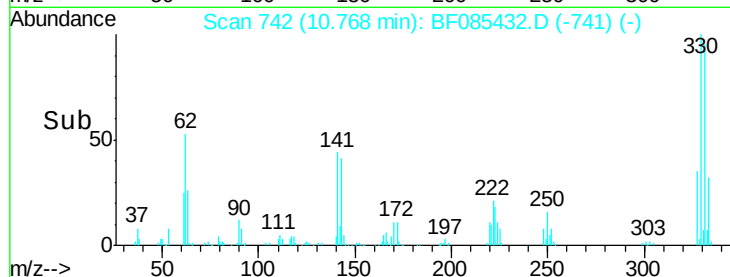
141 585.0 66.2 99.2#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Atrazine

Concen: 4.98 ng

RT: 11.24 min Scan# 783

Delta R.T. 0.03 min

Lab File: BF085432.D

Acq: 14 Mar 2016 16:46

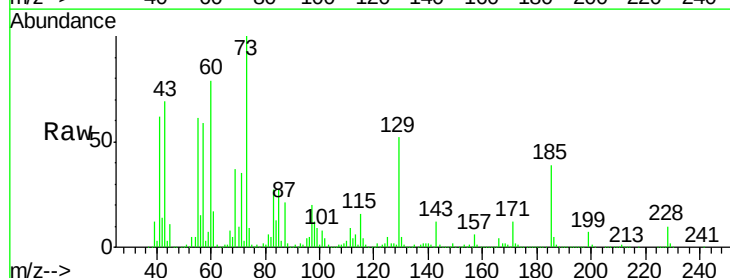
Tgt Ion:200 Resp: 16840

Ion Ratio Lower Upper

200 100

173 49.2 10.5 50.5

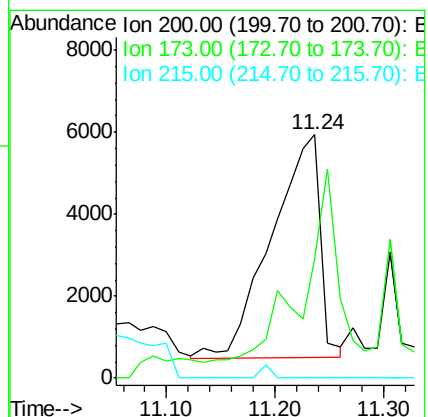
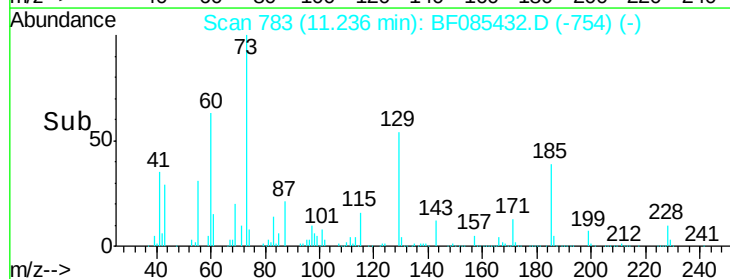
215 0.0 23.4 63.4#

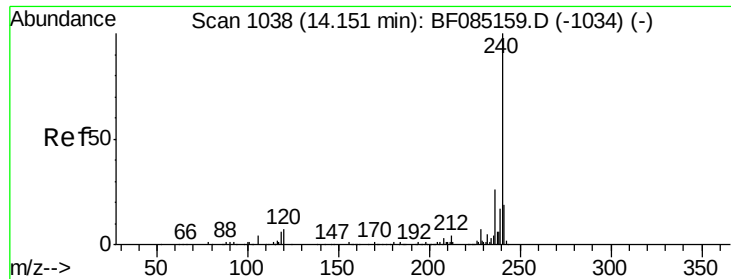


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085432.D

Acq: 14 Mar 2016 16:46

Instrument :

BNA_F

ClientSampleId :

EFF-WESTE-WATER

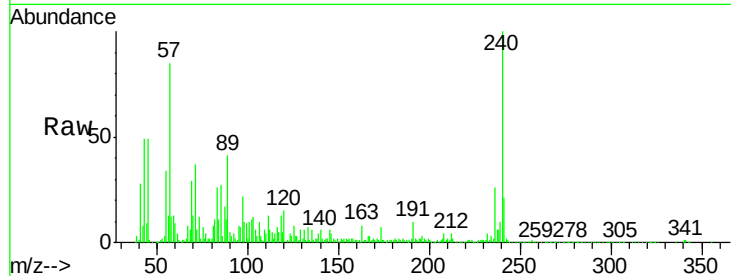
Tgt Ion:240 Resp: 246834

Ion Ratio Lower Upper

240 100

120 14.5 5.3 7.9#

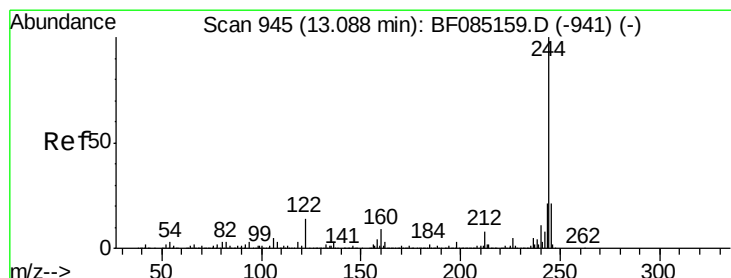
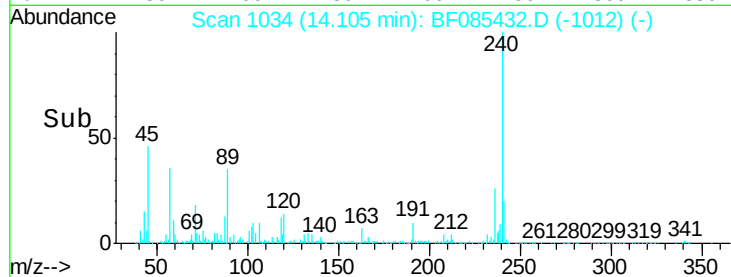
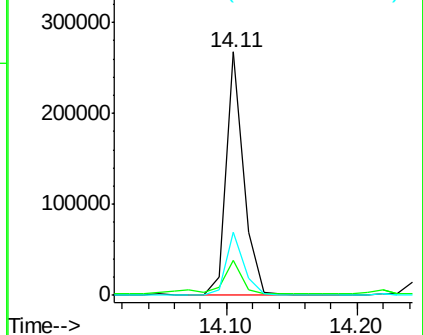
236 25.8 20.7 31.1



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



#78

Terphenyl-d14

Concen: 27.74 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085432.D

Acq: 14 Mar 2016 16:46

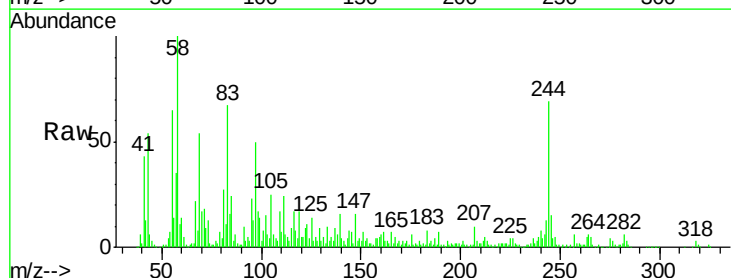
Tgt Ion:244 Resp: 294992

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

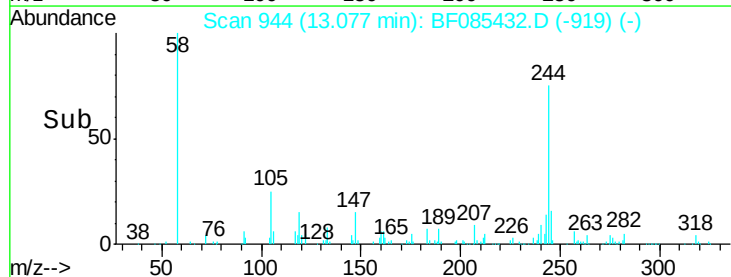
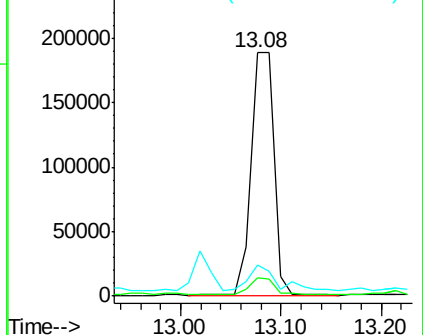
122 12.7 11.4 17.2

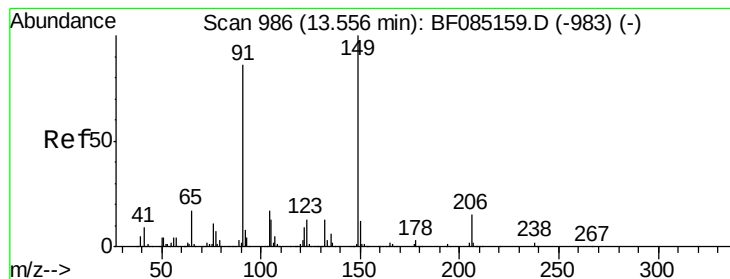


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 6.92 ng

RT: 13.49 min Scan# 980

Delta R.T. -0.07 min

Lab File: BF085432.D

Acq: 14 Mar 2016 16:46

Instrument :

BNA_F

ClientSampleId :

EFF-WESTE-WATER

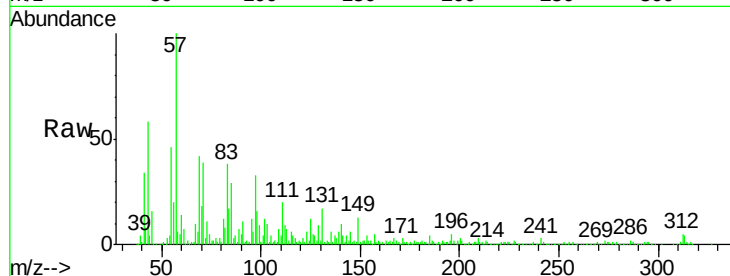
Tgt Ion:149 Resp: 58300

Ion Ratio Lower Upper

149 100

91 86.2 69.0 103.4

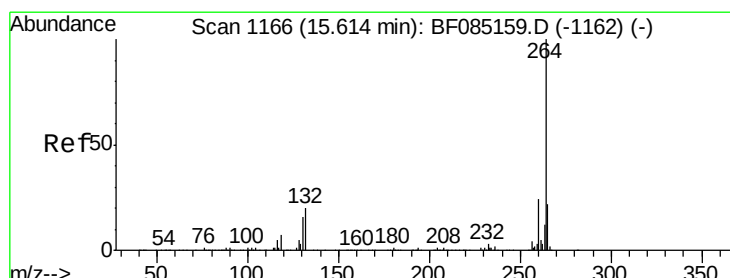
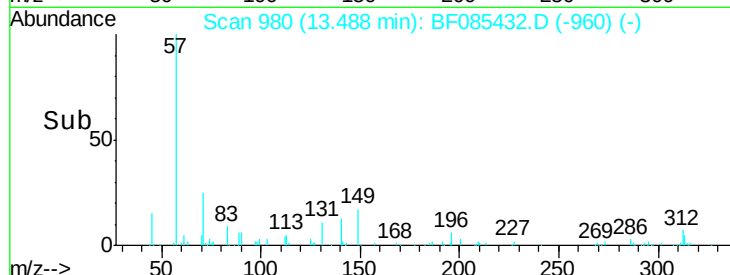
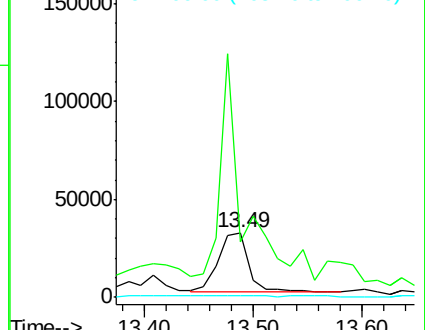
206 2.1 12.3 18.5#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.56 min Scan# 1161

Delta R.T. -0.06 min

Lab File: BF085432.D

Acq: 14 Mar 2016 16:46

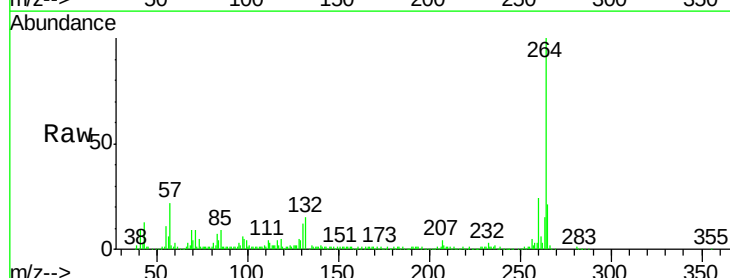
Tgt Ion:264 Resp: 284500

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.4 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

