

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082816.D
 Acq On : 8 Nov 2015 2:05
 Operator : UM/IZ
 Sample : G4282-07
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OCFUST-PIT-WATER

Quant Time: Nov 09 00:06:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

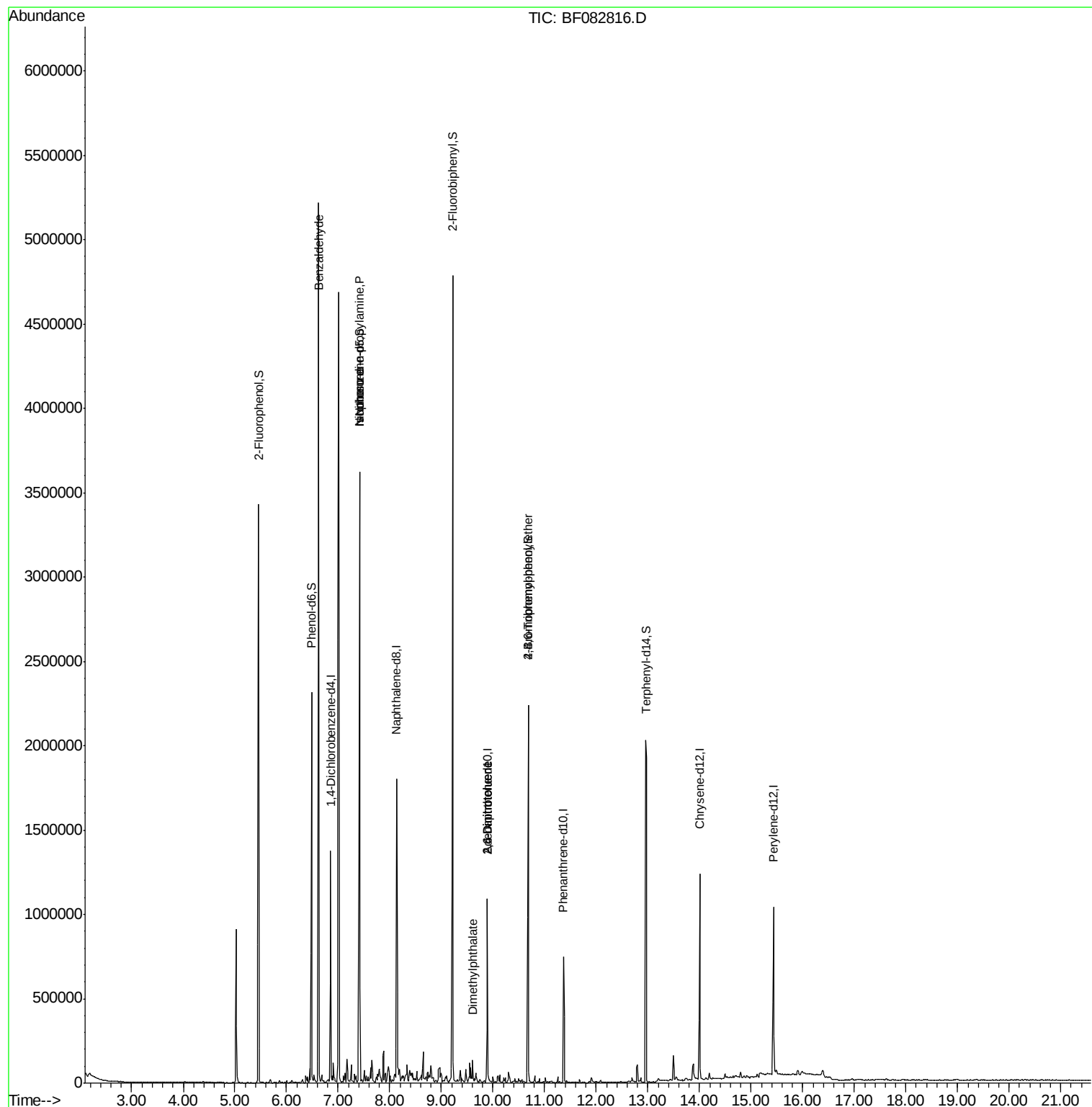
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	218098	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	744657	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	209715	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	314406	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	430724	20.00	ng	-0.01
86) Perylene-d12	15.44	264	457084	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	798527	56.97	ng	0.01
7) Phenol-d6	6.49	99	750403	40.27	ng	0.01
23) Nitrobenzene-d5	7.41	82	1319290	77.09	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	267851	111.39	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1313294	89.75	ng	0.00
78) Terphenyl-d14	12.97	244	957812	52.74	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	41605	4.04	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	7.41	70	187156	13.66	ng	# 70
25) Isophorone	7.41	82	1294671	40.89	ng	# 70
49) Dimethylphthalate	9.61	163	42803	2.49	ng	98
50) 2,6-Dinitrotoluene	9.89	165	28225	7.70	ng	# 18
56) 2,4-Dinitrotoluene	9.89	165	28225	5.67	ng	# 16
66) 4-Bromophenyl-phenylether	10.68	248	18833	4.97	ng	# 1

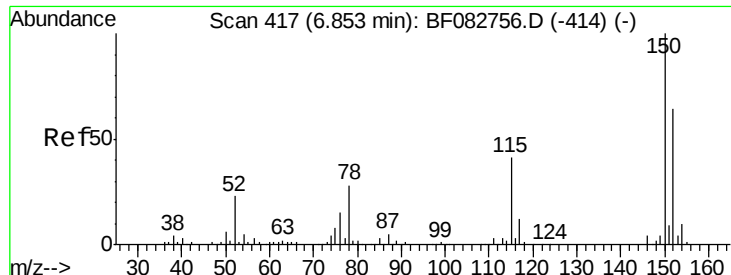
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082816.D
Acq On : 8 Nov 2015 2:05
Operator : UM/IZ
Sample : G4282-07
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OCFUST-PIT-WATER

Quant Time: Nov 09 00:06:48 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

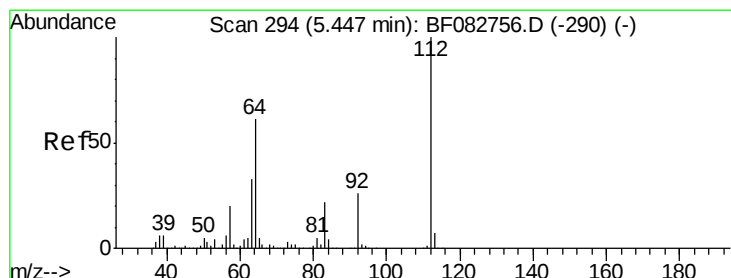
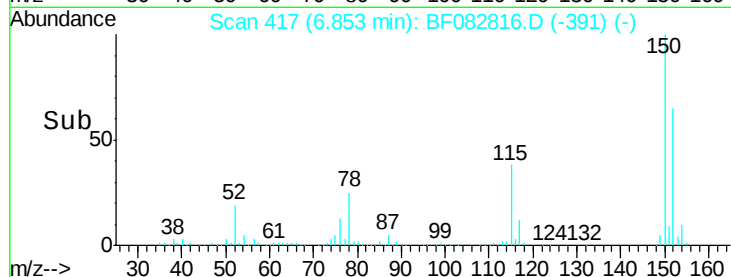
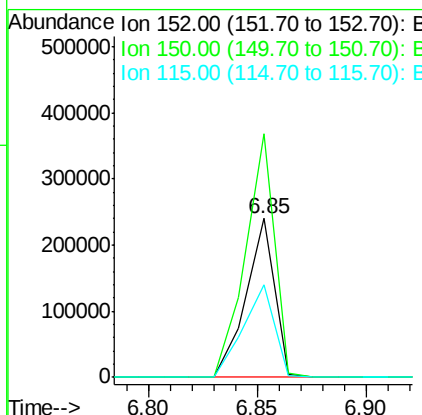
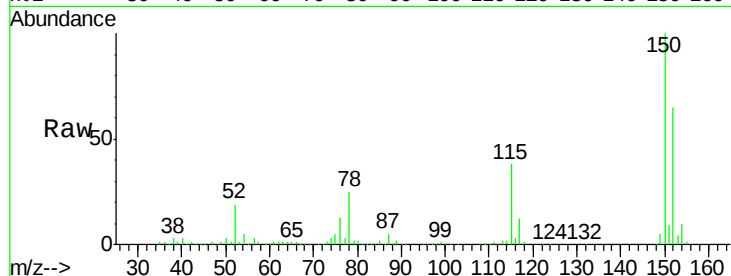




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF082816.D
 Acq: 8 Nov 2015 2:05

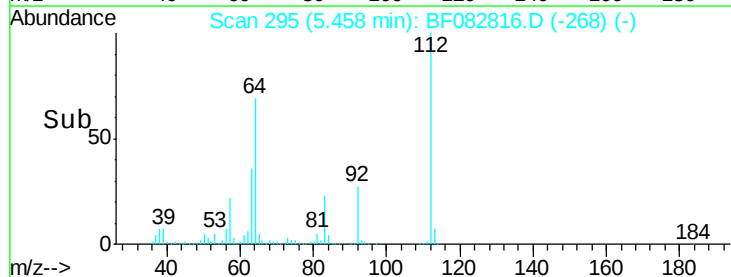
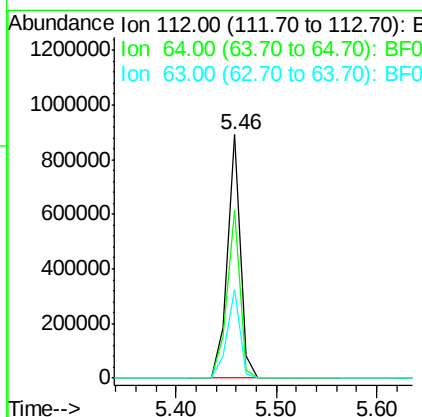
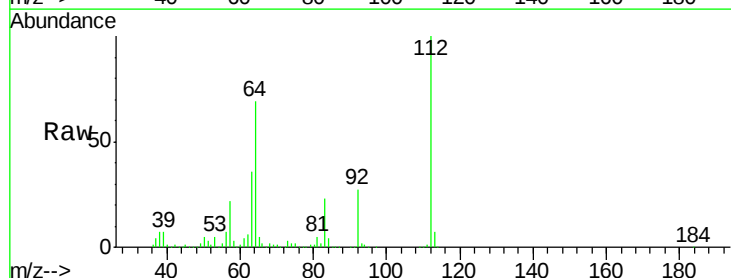
Instrument :
 BNA_F
 ClientSampleId :
 OCFUST-PIT-WATER

Tgt Ion:152 Resp: 218098
 Ion Ratio Lower Upper
 152 100
 150 153.1 127.0 190.4
 115 58.1 47.0 70.6



#5
 2-Fluorophenol
 Concen: 56.97 ng
 RT: 5.46 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: BF082816.D
 Acq: 8 Nov 2015 2:05

Tgt Ion:112 Resp: 798527
 Ion Ratio Lower Upper
 112 100
 64 69.1 48.9 73.3
 63 36.3 28.1 42.1





#7

Phenol-d6

Concen: 40.27 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082816.D

Acq: 8 Nov 2015 2:05

Instrument :

BNA_F

ClientSampleId :

OCFUST-PIT-WATER

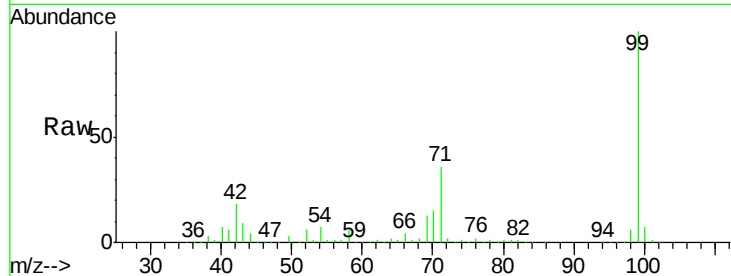
Tgt Ion: 99 Resp: 750403

Ion Ratio Lower Upper

99 100

42 18.1 19.2 28.8#

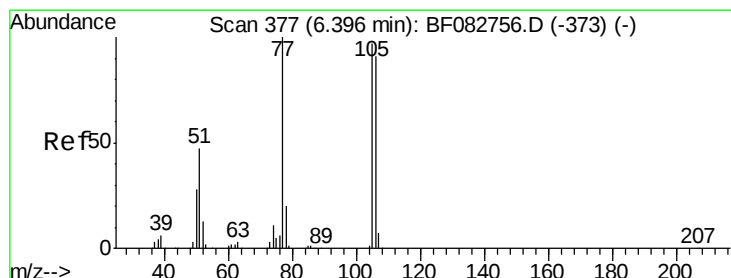
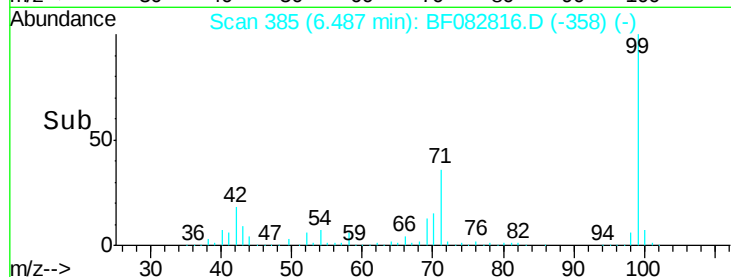
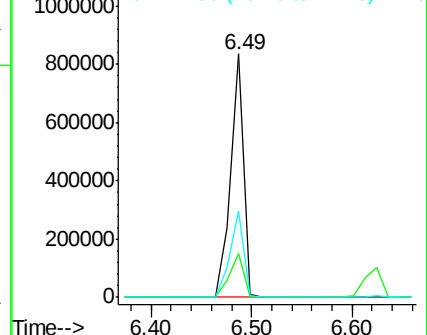
71 35.6 35.0 52.4



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: 4.04 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.23 min

Lab File: BF082816.D

Acq: 8 Nov 2015 2:05

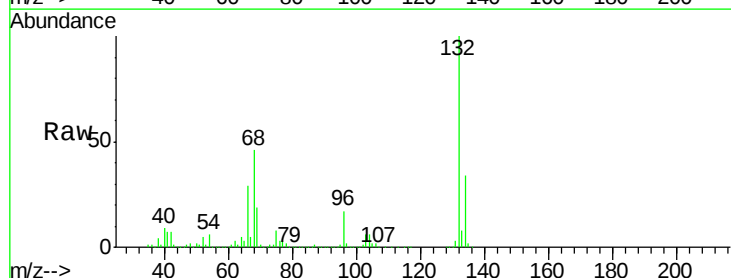
Tgt Ion: 77 Resp: 41605

Ion Ratio Lower Upper

77 100

105 76.9 63.5 103.5

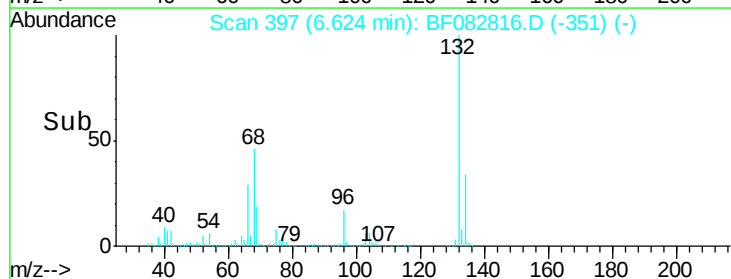
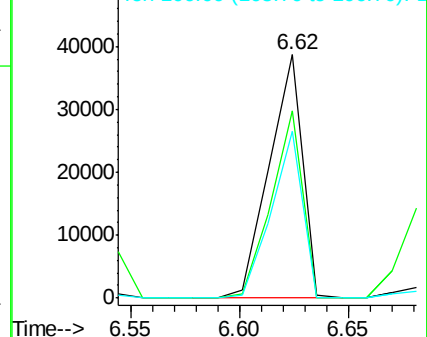
106 68.3 59.3 99.3

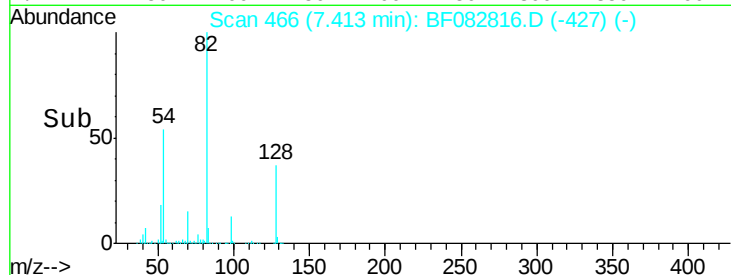
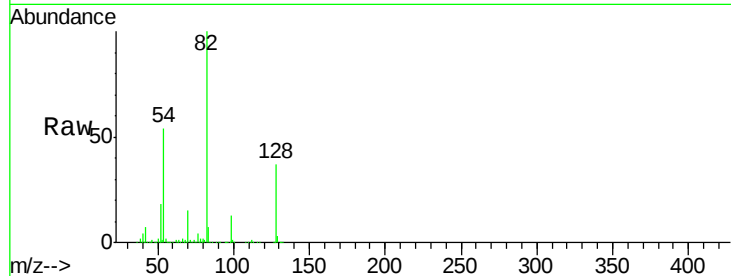


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

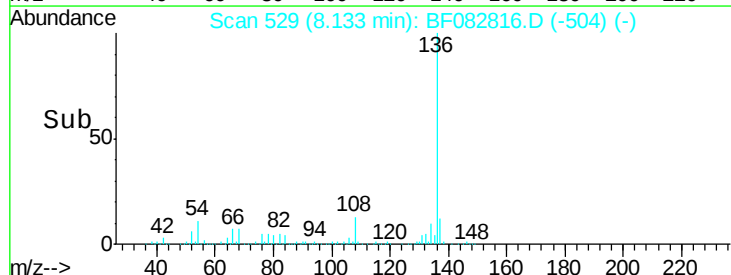
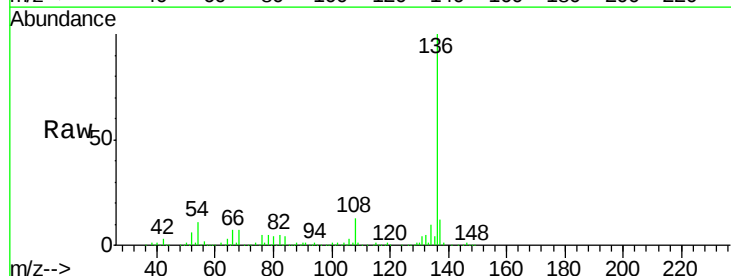
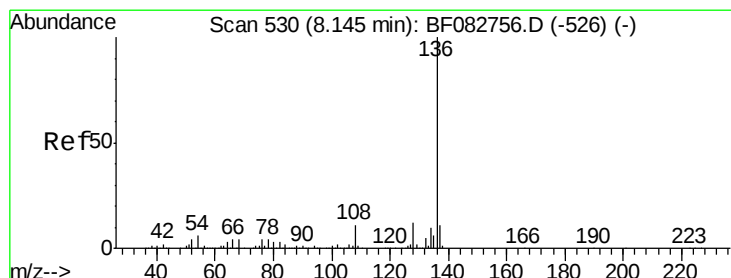
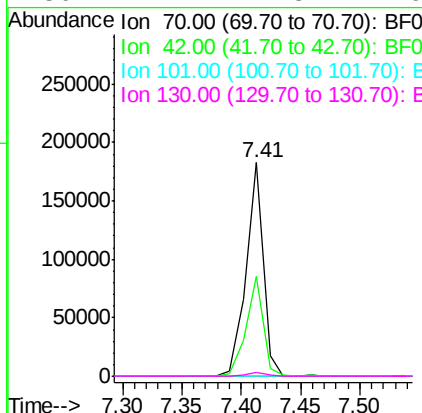




#19
n-Nitroso-di-n-propylamine
Concen: 13.66 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.15 min
Lab File: BF082816.D
Acq: 8 Nov 2015 2:05

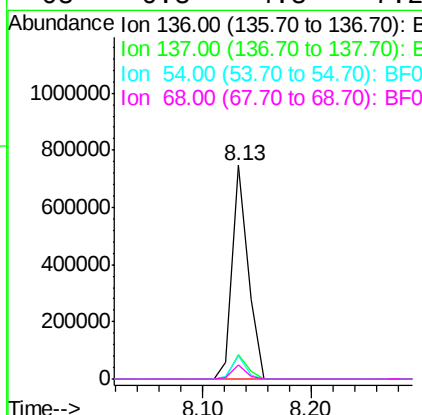
Instrument :
BNA_F
ClientSampleId :
OCFUST-PIT-WATER

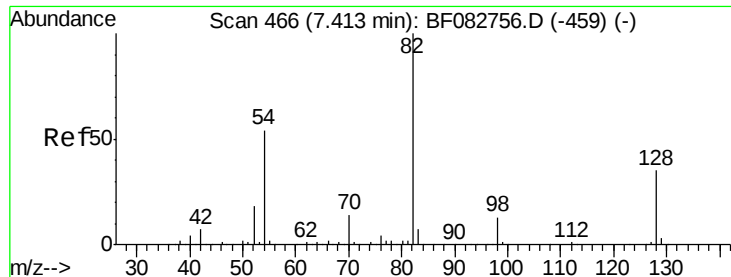
Tgt Ion:	70	Resp:	187156
Ion	Ratio	Lower	Upper
70	100		
42	47.1	57.7	86.5#
101	0.0	7.0	10.6#
130	1.7	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082816.D
Acq: 8 Nov 2015 2:05

Tgt Ion:	136	Resp:	744657
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	10.6	9.1	13.7
68	6.8	4.8	7.2





#23

Nitrobenzene-d5

Concen: 77.09 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF082816.D

Acq: 8 Nov 2015 2:05

Instrument :

BNA_F

ClientSampleId :

OCFUST-PIT-WATER

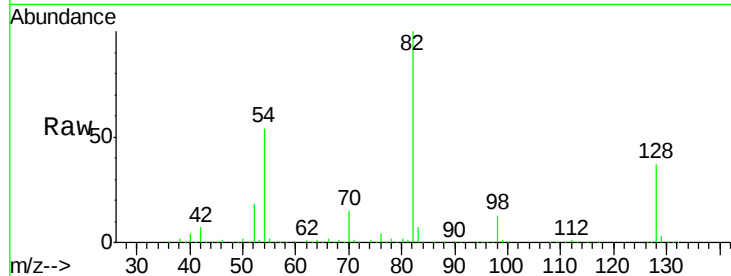
Tgt Ion: 82 Resp: 1319290

Ion Ratio Lower Upper

82 100

128 36.8 26.8 40.2

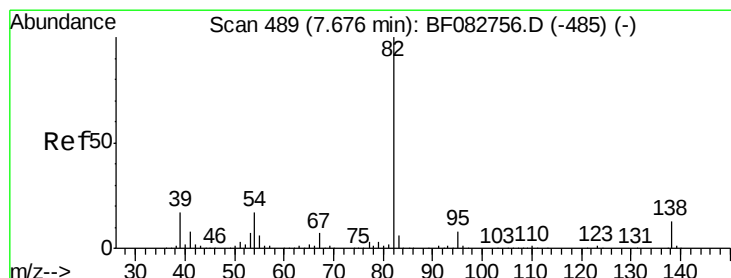
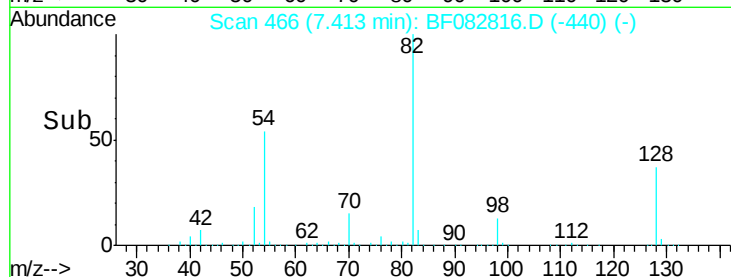
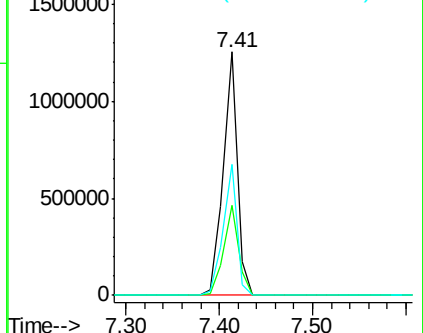
54 53.8 45.7 68.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 40.89 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF082816.D

Acq: 8 Nov 2015 2:05

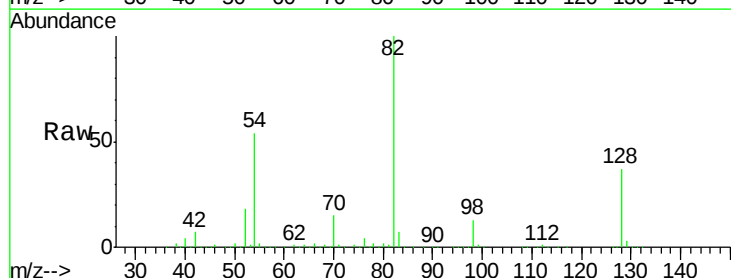
Tgt Ion: 82 Resp: 1294671

Ion Ratio Lower Upper

82 100

95 0.1 6.6 9.8#

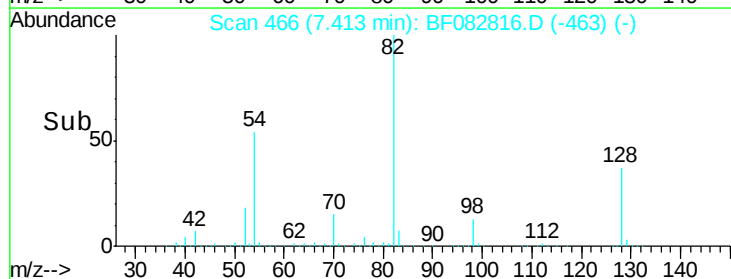
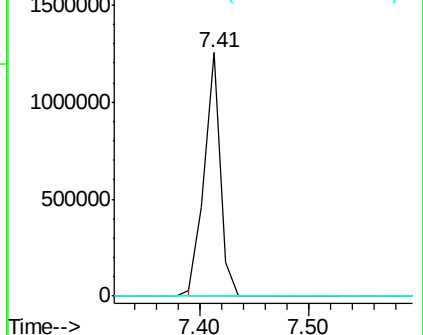
138 0.0 11.4 17.0#

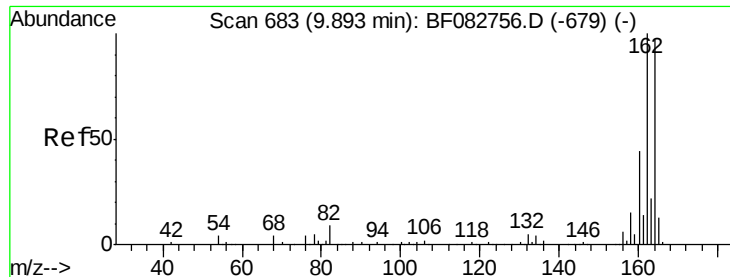


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

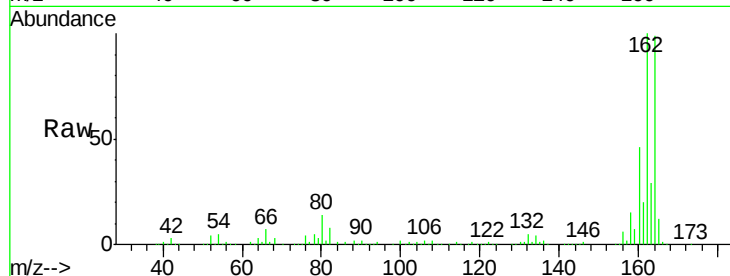




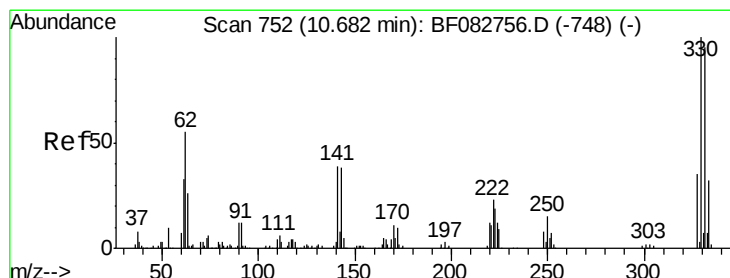
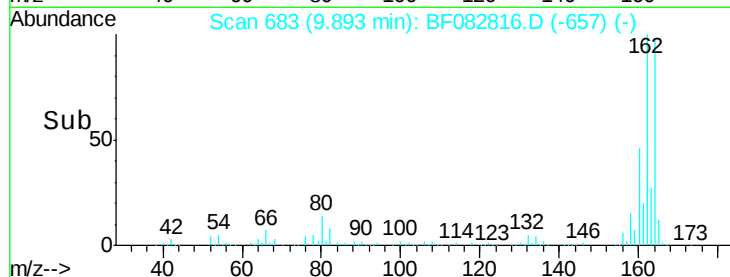
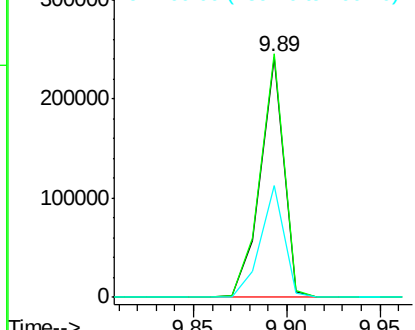
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF082816.D
 Acq: 8 Nov 2015 2:05

Instrument :
 BNA_F
 ClientSampleId :
 OCFUST-PIT-WATER

Tgt Ion:164 Resp: 209715
 Ion Ratio Lower Upper
 164 100
 162 101.5 84.9 127.3
 160 46.4 37.5 56.3

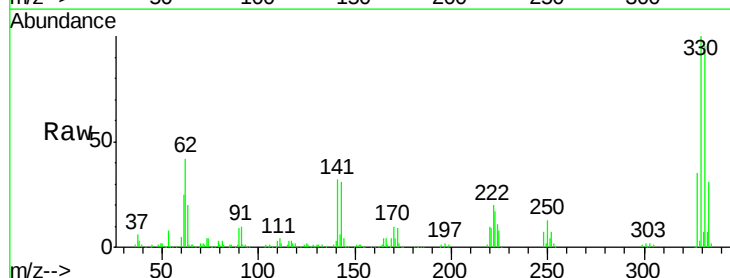


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

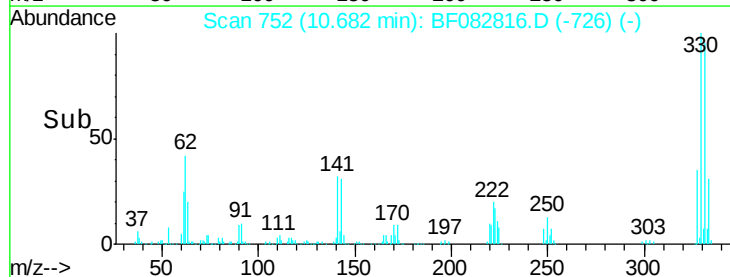
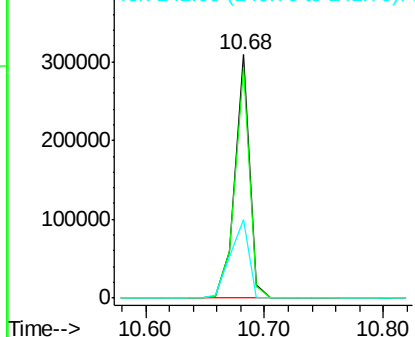


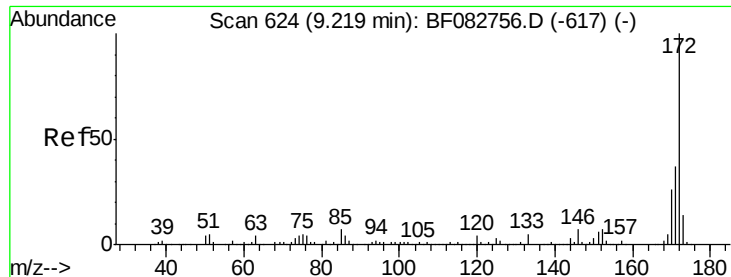
#41
 2,4,6-Tribromophenol
 Concen: 111.39 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082816.D
 Acq: 8 Nov 2015 2:05

Tgt Ion:330 Resp: 267851
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 114.8
 141 40.5 41.2 61.8#



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

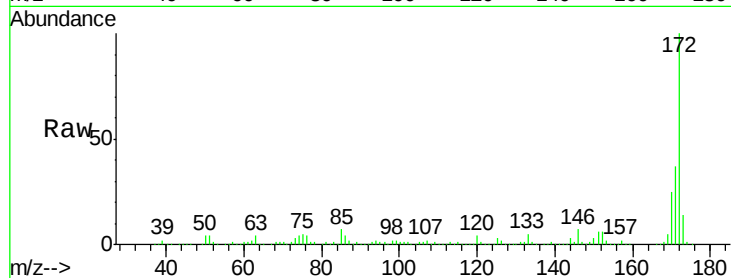




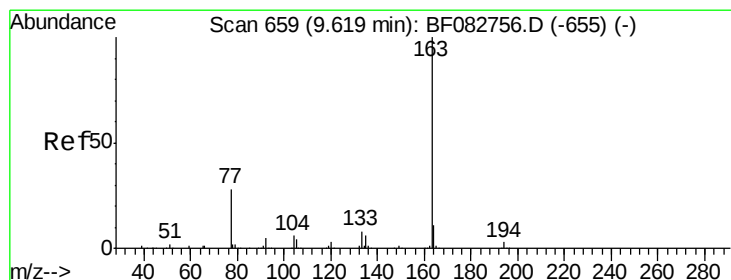
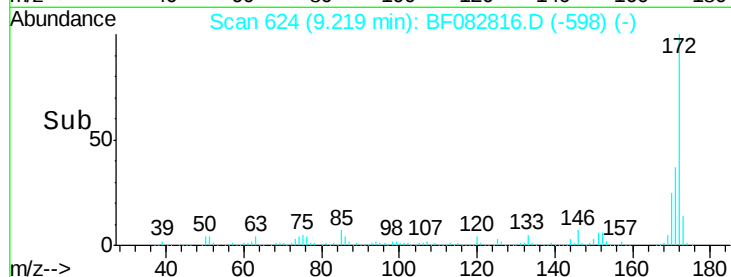
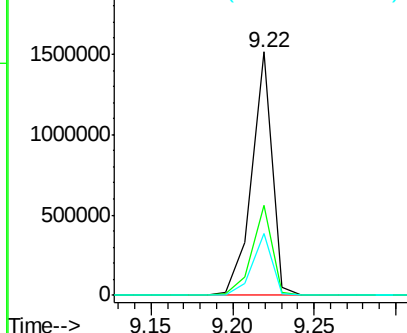
#44
 2-Fluorobiphenyl
 Concen: 89.75 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082816.D
 Acq: 8 Nov 2015 2:05

Instrument :
 BNA_F
 ClientSampleId :
 OCFUST-PIT-WATER

Tgt Ion:172 Resp: 1313294
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.8 46.2
 170 25.2 21.2 31.8

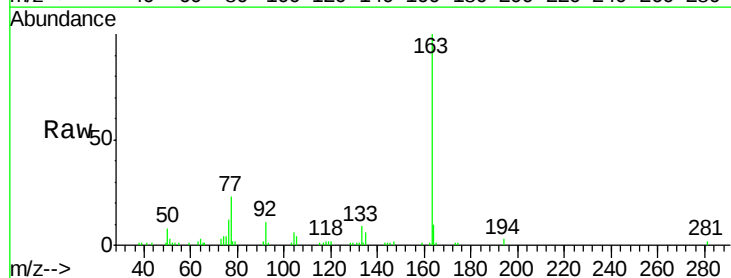


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

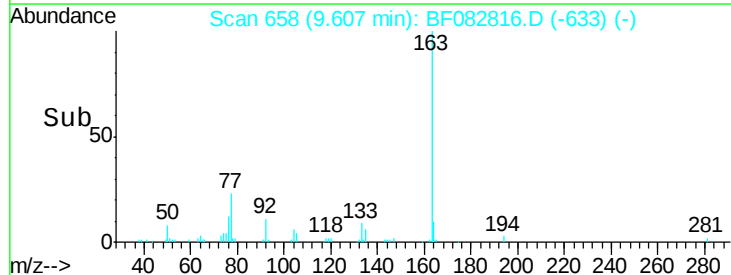
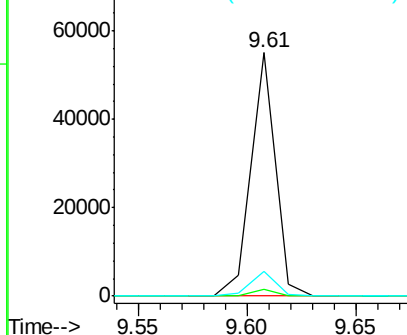


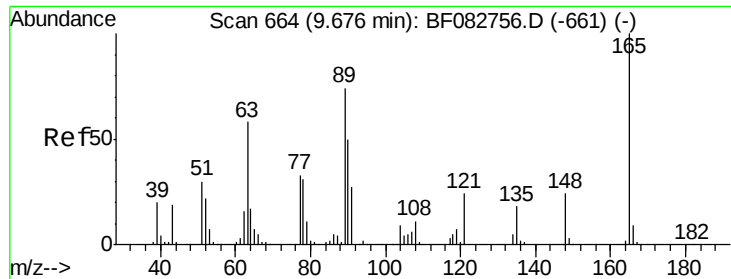
#49
 Dimethylphthalate
 Concen: 2.49 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF082816.D
 Acq: 8 Nov 2015 2:05

Tgt Ion:163 Resp: 42803
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.6 4.0
 164 10.2 8.7 13.1



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

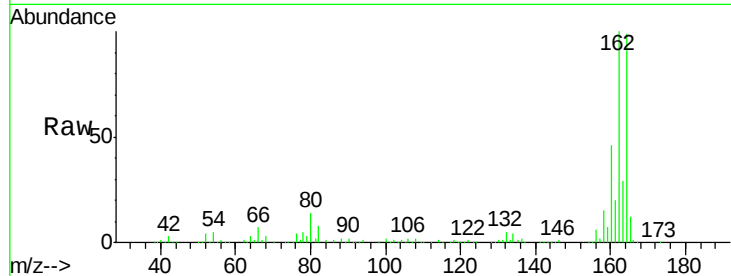




#50
 2,6-Dinitrotoluene
 Concen: 7.70 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.22 min
 Lab File: BF082816.D
 Acq: 8 Nov 2015 2:05

Instrument :
 BNA_F
 ClientSampleId :
 OCFUST-PIT-WATER

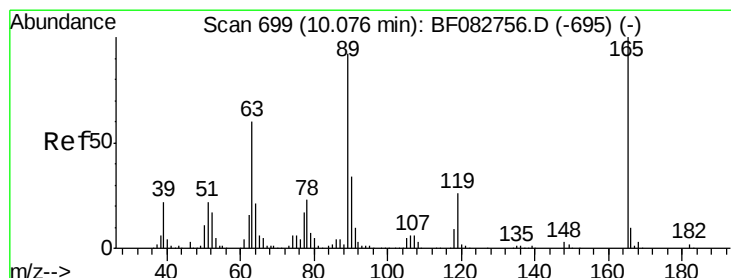
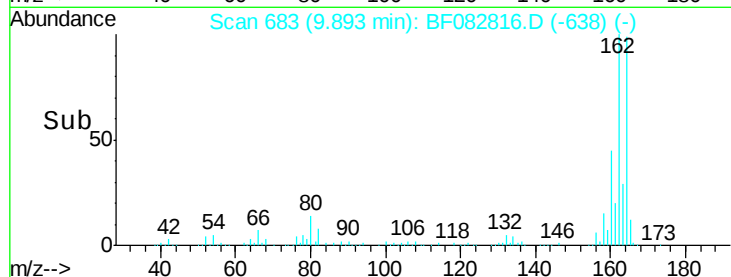
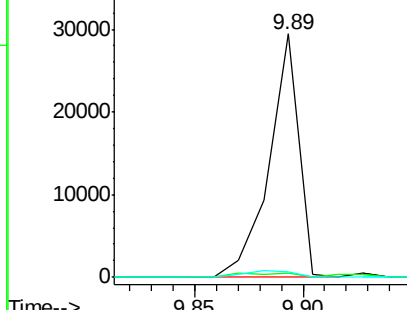
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	55.5	83.3#
89	2.5	55.0	82.6#



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



#56
 2,4-Dinitrotoluene
 Concen: 5.67 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.18 min
 Lab File: BF082816.D
 Acq: 8 Nov 2015 2:05

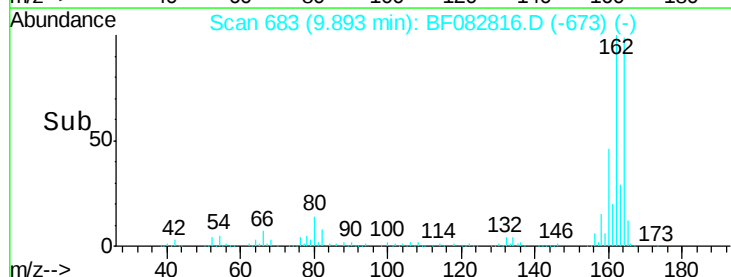
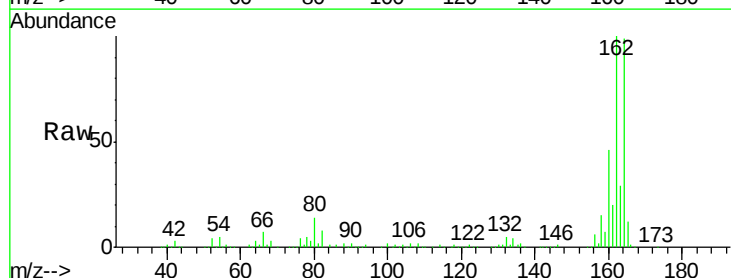
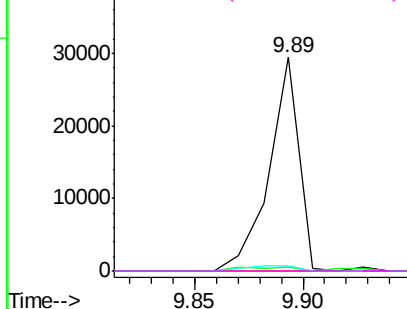
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	43.4	65.0#
89	2.5	70.6	106.0#
182	0.0	1.5	2.3#

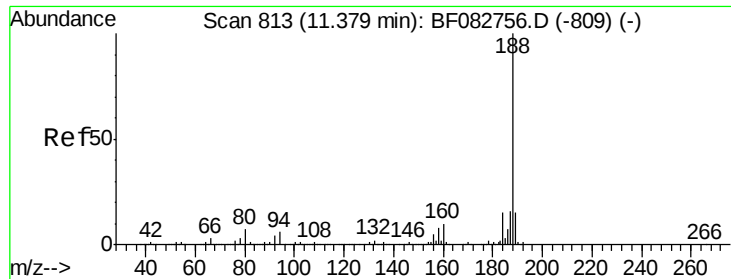
Abundance Ion 165.00 (164.70 to 165.70): E

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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF082816.D

Acq: 8 Nov 2015 2:05

Instrument :

BNA_F

ClientSampleId :

OCFUST-PIT-WATER

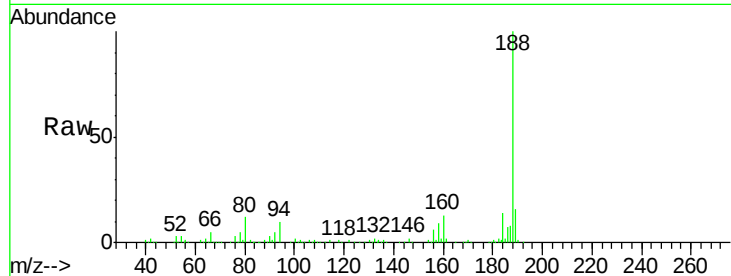
Tgt Ion:188 Resp: 314406

Ion Ratio Lower Upper

188 100

94 9.8 6.1 9.1#

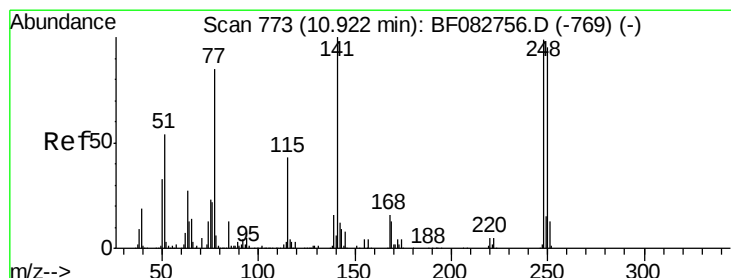
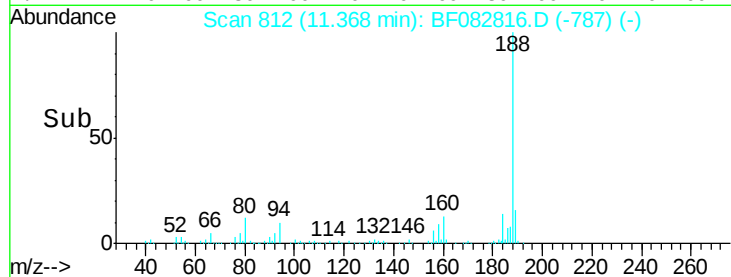
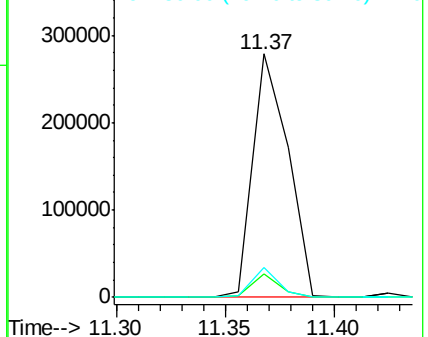
80 12.4 7.0 10.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#66

4-Bromophenyl-phenylether

Concen: 4.97 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.24 min

Lab File: BF082816.D

Acq: 8 Nov 2015 2:05

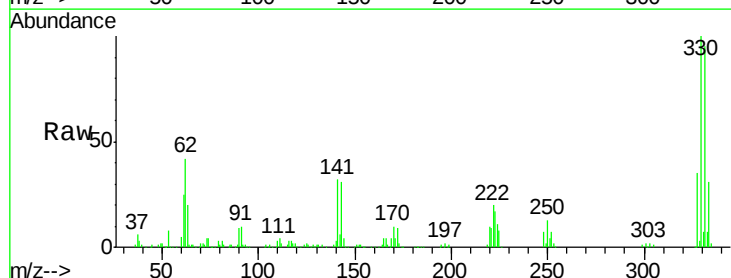
Tgt Ion:248 Resp: 18833

Ion Ratio Lower Upper

248 100

250 192.4 79.4 119.2#

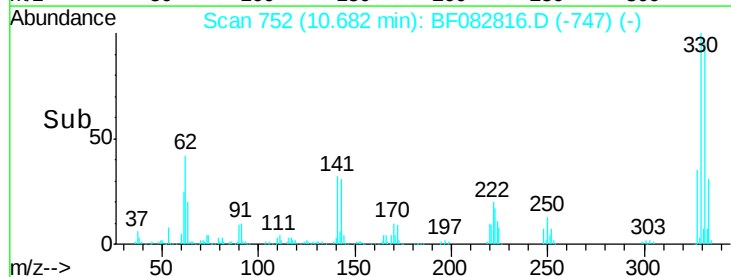
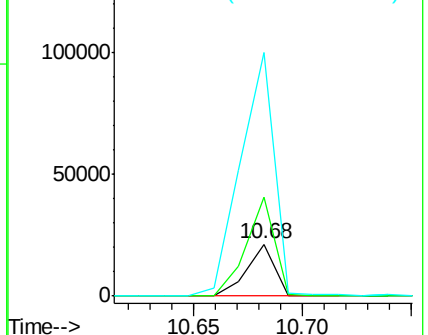
141 471.0 36.3 54.5#

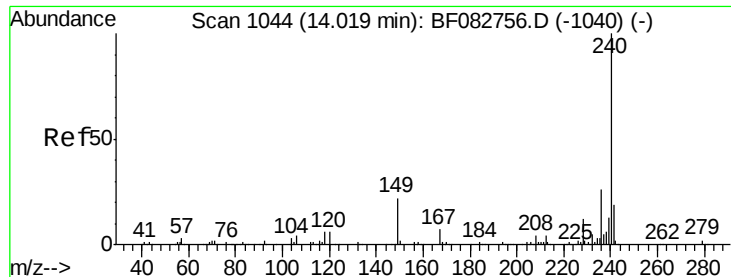


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082816.D

Acq: 8 Nov 2015 2:05

Instrument :

BNA_F

ClientSampleId :

OCFUST-PIT-WATER

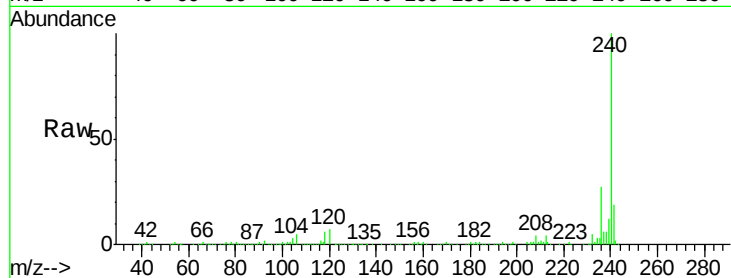
Tgt Ion:240 Resp: 430724

Ion Ratio Lower Upper

240 100

120 7.3 10.9 16.3#

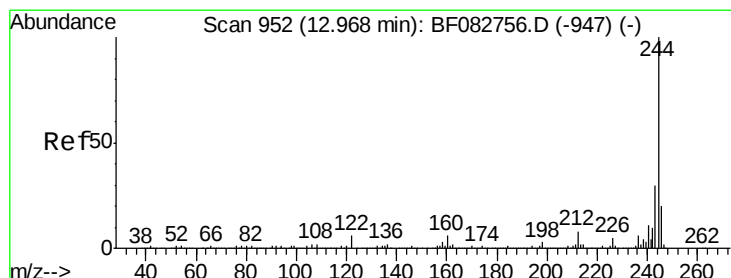
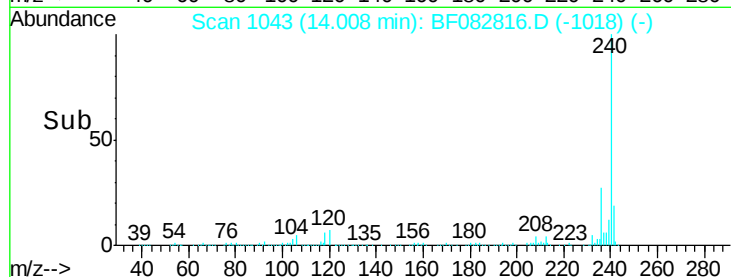
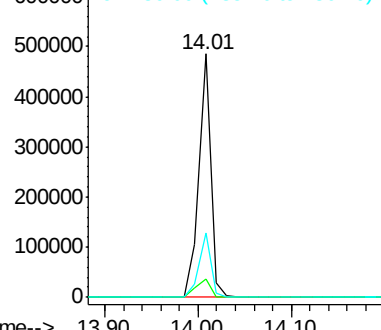
236 26.6 21.6 32.4



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: 52.74 ng

RT: 12.97 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF082816.D

Acq: 8 Nov 2015 2:05

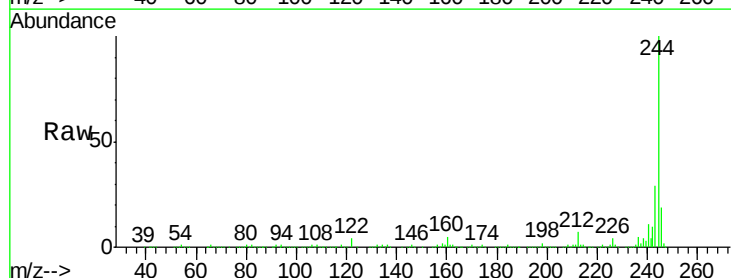
Tgt Ion:244 Resp: 957812

Ion Ratio Lower Upper

244 100

212 6.8 7.6 11.4#

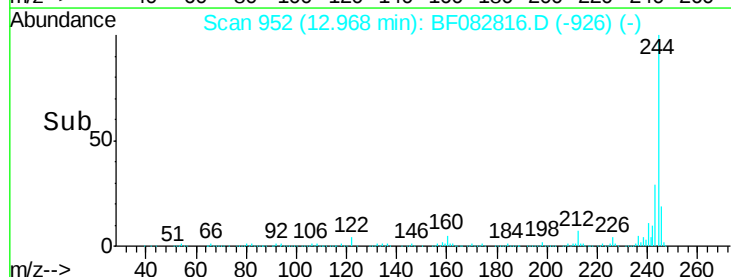
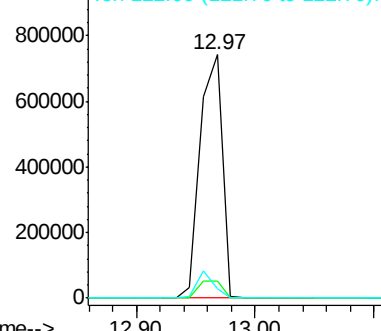
122 4.1 11.3 16.9#

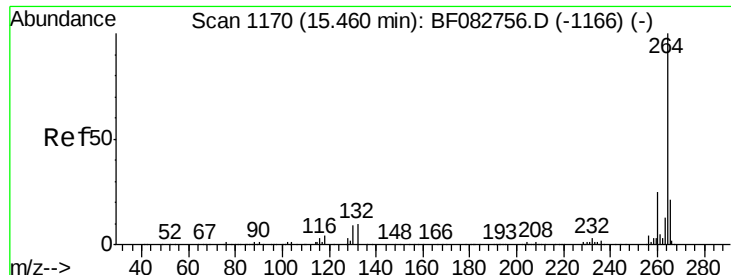


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

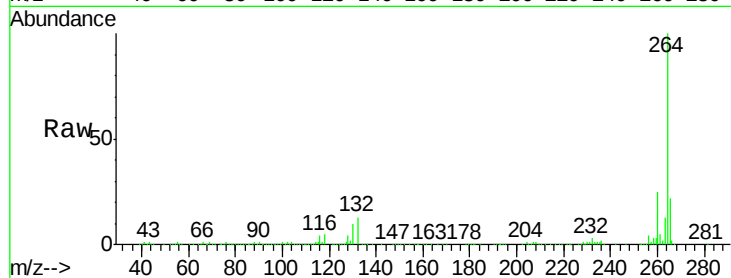




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF082816.D
Acq: 8 Nov 2015 2:05

Instrument :
BNA_F
ClientSampleId :
OCFUST-PIT-WATER

Tgt Ion: 264 Resp: 457084
Ion Ratio Lower Upper
264 100
260 24.9 19.8 29.6
265 21.6 17.4 26.0



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

