

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
 Data File : BF091642.D
 Acq On : 15 Dec 2016 21:37
 Operator : UM/SJ
 Sample : H6029-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-WATER-02

Quant Time: Dec 16 00:15:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

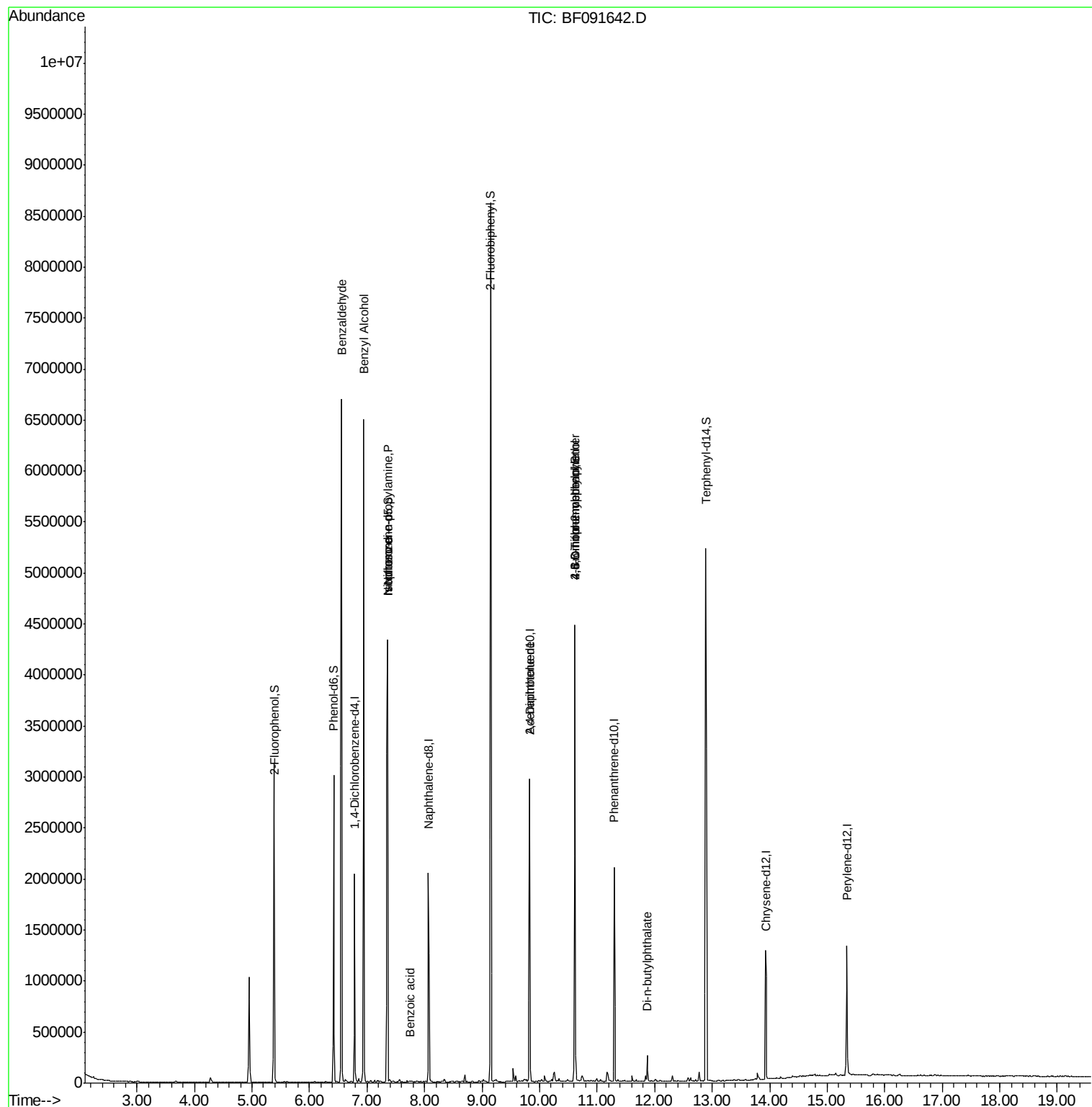
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	298007	20.00	ng	-0.03
21) Naphthalene-d8	8.06	136	1186071	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	619786	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	799997	20.00	ng	-0.03
75) Chrysene-d12	13.94	240	592287	20.00	ng	-0.02
86) Perylene-d12	15.35	264	600895	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1201929	67.95	ng	-0.02
7) Phenol-d6	6.42	99	914978	41.49	ng	-0.03
23) Nitrobenzene-d5	7.36	82	2018918	95.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	553483	107.52	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	2697615	75.21	ng	-0.03
78) Terphenyl-d14	12.89	244	2149509	82.35	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.56	77	48276	3.18	ng	Qvalue 88
15) Benzyl Alcohol	6.94	79	34937	2.01	ng	# 31
19) n-Nitroso-di-n-propylamine	7.36	70	275571	19.98	ng	# 60
20) 3+4-Methylphenols	7.22	107	236	Below Cal	#	20
25) Isophorone	7.36	82	1833830	48.54	ng	# 67
32) Benzoic acid	7.74	122	485	4.93	ng	# 34
56) 2,4-Dinitrotoluene	9.82	165	81553	7.55	ng	# 33
57) Fluorene	10.50	166	1595	Below Cal	#	8
64) 4,6-Dinitro-2-methylphenol	10.61	198	1461	3.23	ng	# 7
66) 4-Bromophenyl-phenylether	10.61	248	39139	4.77	ng	# 1
73) Di-n-butylphthalate	11.87	149	87747	2.01	ng	99

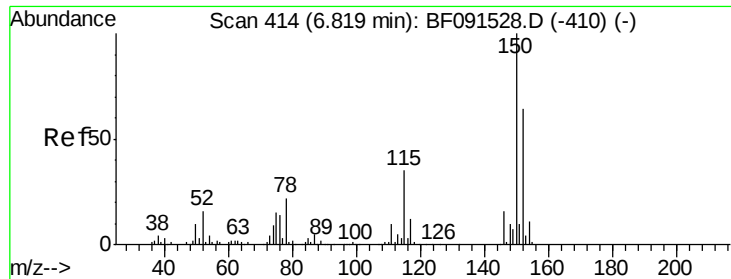
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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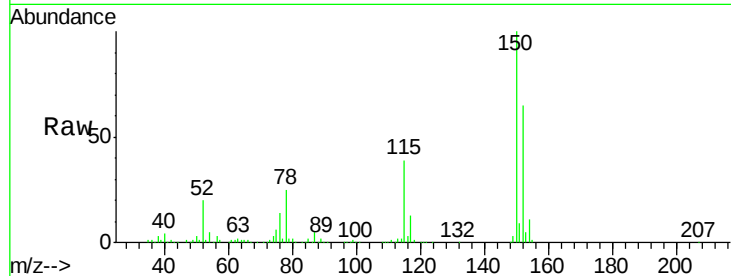


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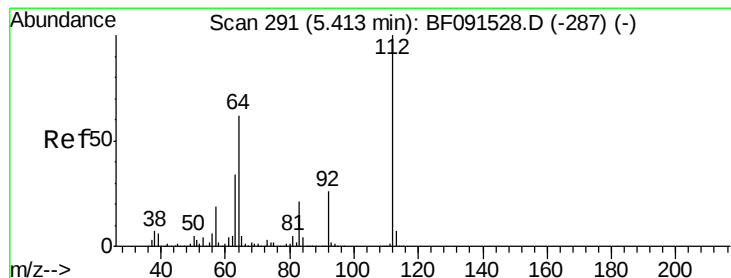
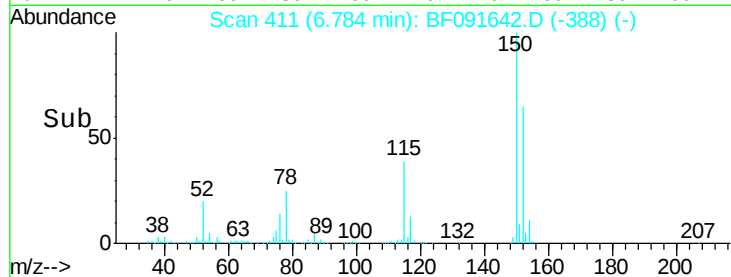
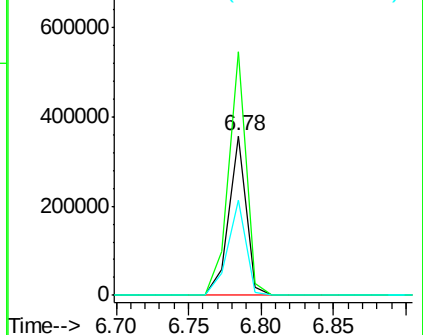
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.03 min
Lab File: BF091642.D
Acq: 15 Dec 2016 21:37

Instrument :
BNA_F
ClientSampleId :
IDW-WATER-02

Tgt Ion:152 Resp: 298007
Ion Ratio Lower Upper
152 100
150 152.8 122.5 183.7
115 59.5 51.8 77.8



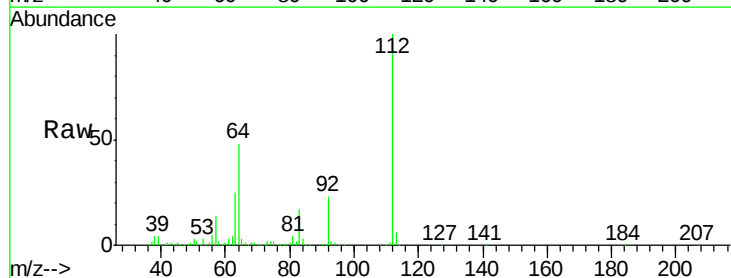
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



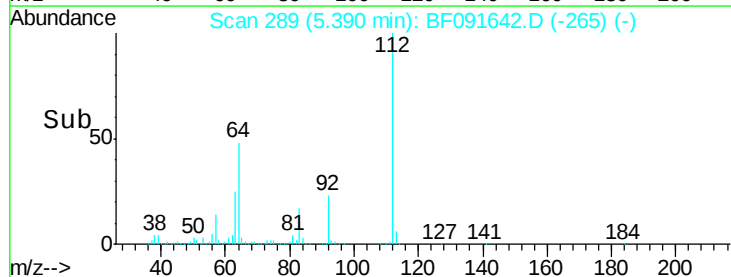
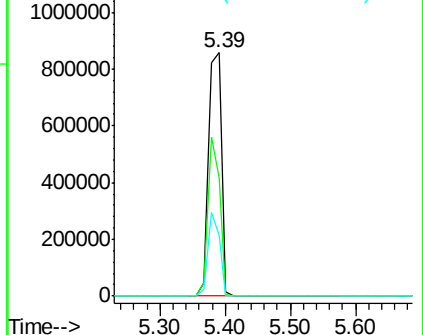
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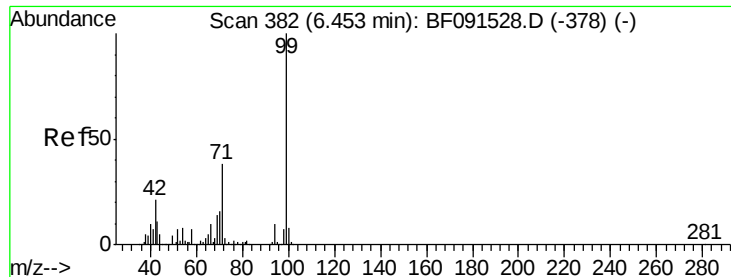
2-Fluorophenol
Concen: 67.95 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.02 min
Lab File: BF091642.D
Acq: 15 Dec 2016 21:37

Tgt Ion:112 Resp: 1201929
Ion Ratio Lower Upper
112 100
64 48.4 61.5 92.3#
63 24.7 33.3 49.9#



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: 41.49 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.03 min

Lab File: BF091642.D

Acq: 15 Dec 2016 21:37

Instrument :

BNA_F

ClientSampleId :

IDW-WATER-02

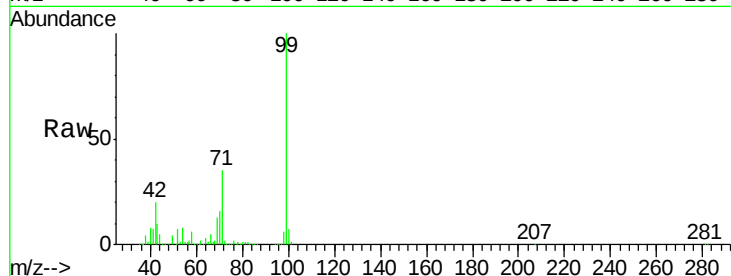
Tgt Ion: 99 Resp: 914978

Ion Ratio Lower Upper

99 100

42 20.0 20.6 31.0#

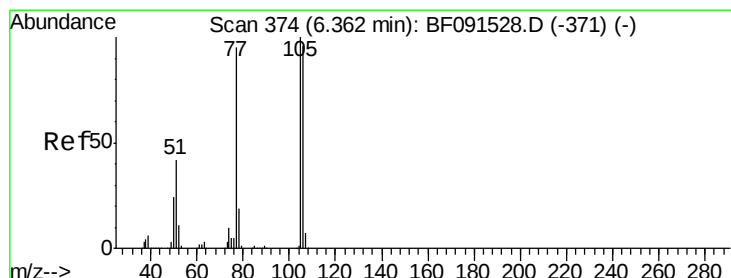
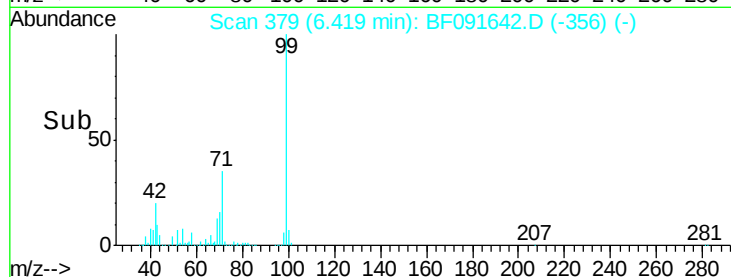
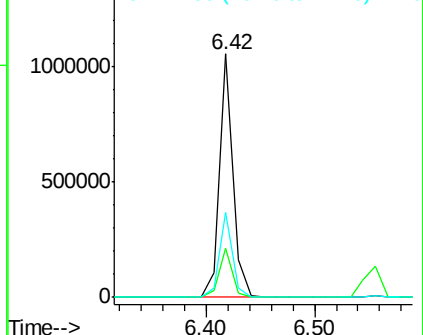
71 34.6 29.9 44.9



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: 3.18 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.19 min

Lab File: BF091642.D

Acq: 15 Dec 2016 21:37

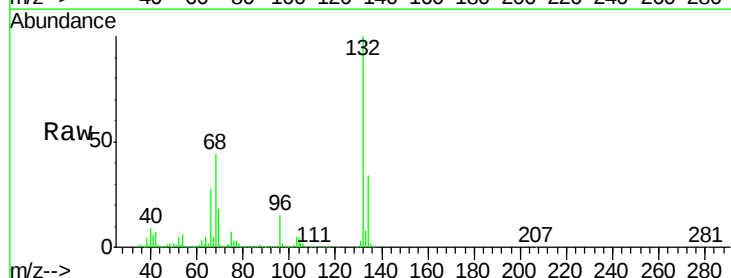
Tgt Ion: 77 Resp: 48276

Ion Ratio Lower Upper

77 100

105 79.3 66.4 106.4

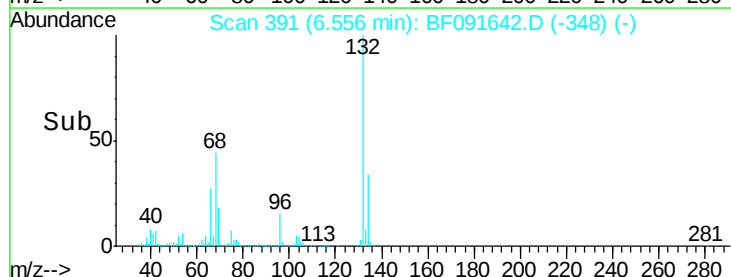
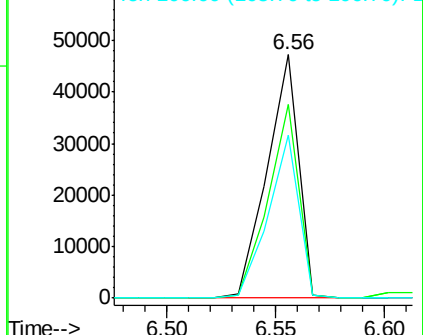
106 66.7 60.9 100.9

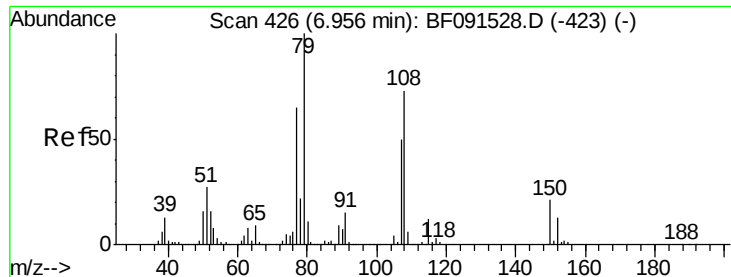


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

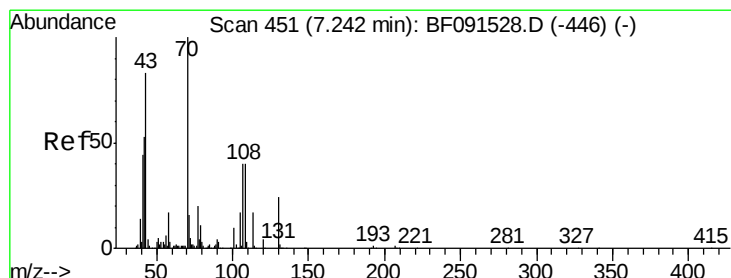
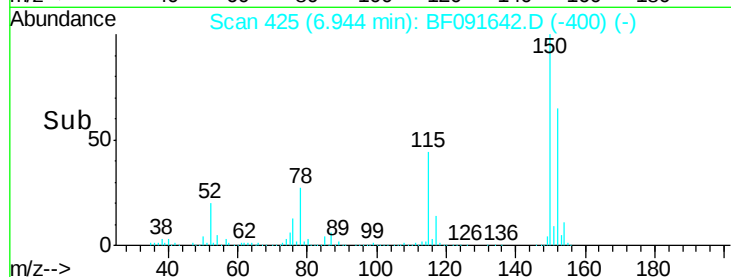
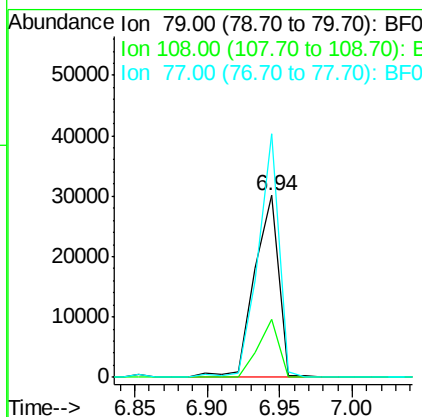
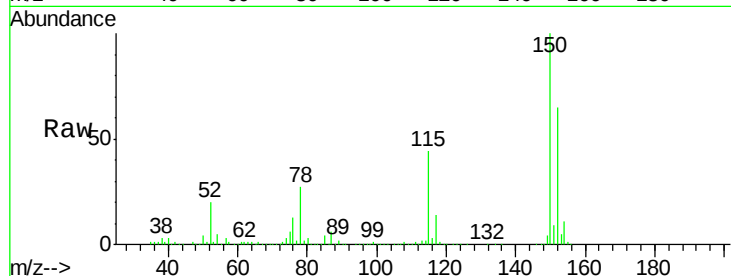




#15
Benzyl Alcohol
Concen: 2.01 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF091642.D
Acq: 15 Dec 2016 21:37

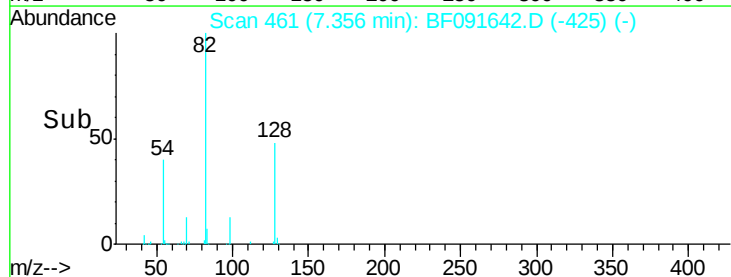
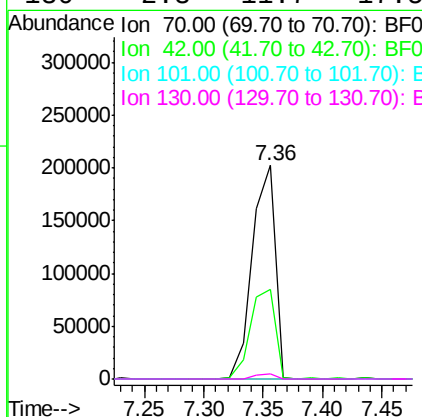
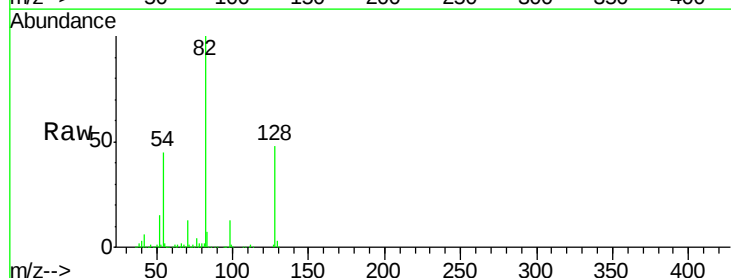
Instrument :
BNA_F
ClientSampleId :
IDW-WATER-02

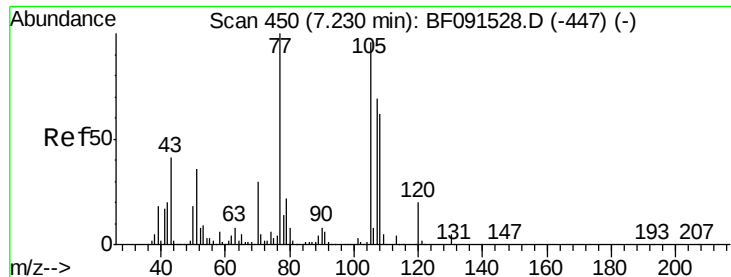
Tgt Ion: 79 Resp: 34937
Ion Ratio Lower Upper
79 100
108 32.0 62.7 94.1#
77 133.8 51.7 77.5#



#19
n-Nitroso-di-n-propylamine
Concen: 19.98 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.11 min
Lab File: BF091642.D
Acq: 15 Dec 2016 21:37

Tgt Ion: 70 Resp: 275571
Ion Ratio Lower Upper
70 100
42 42.1 64.8 97.2#
101 0.0 6.2 9.4#
130 2.3 11.7 17.5#

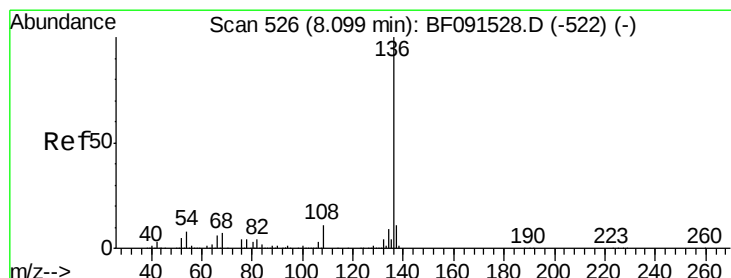
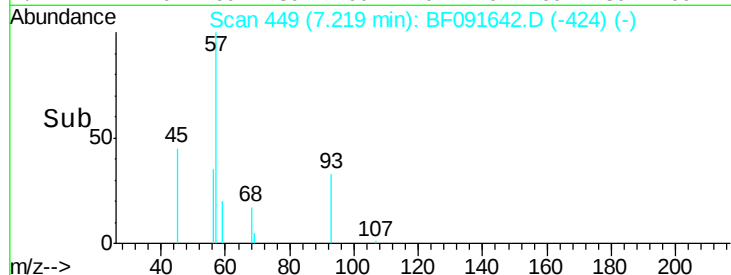
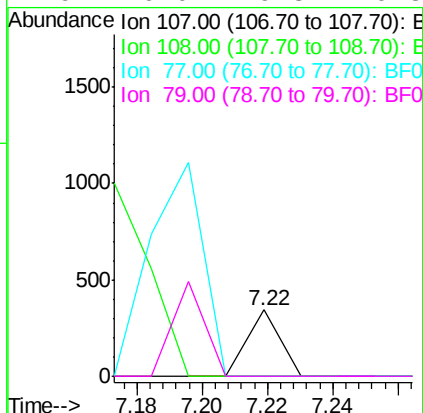
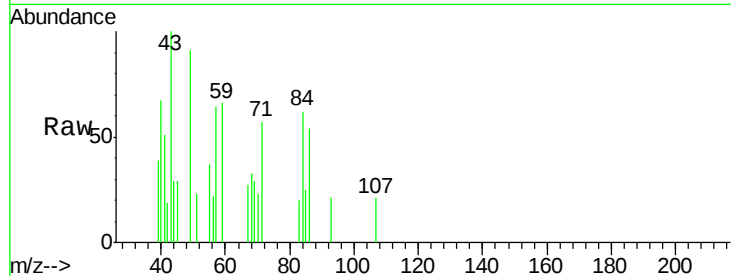




#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF091642.D
Acq: 15 Dec 2016 21:37

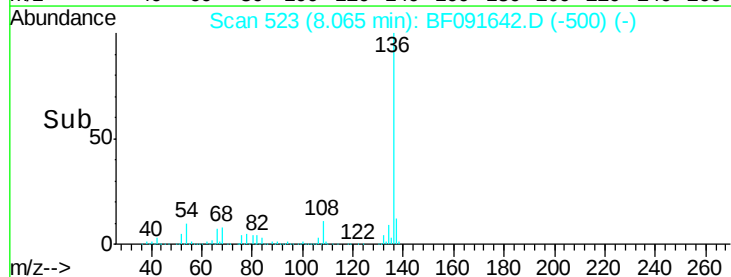
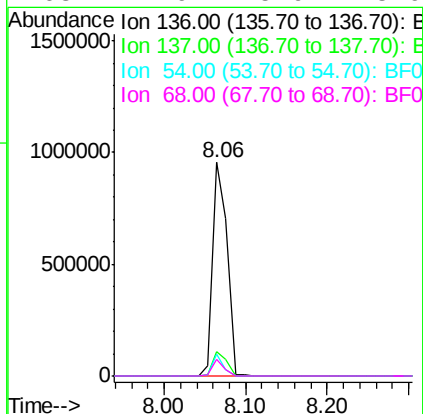
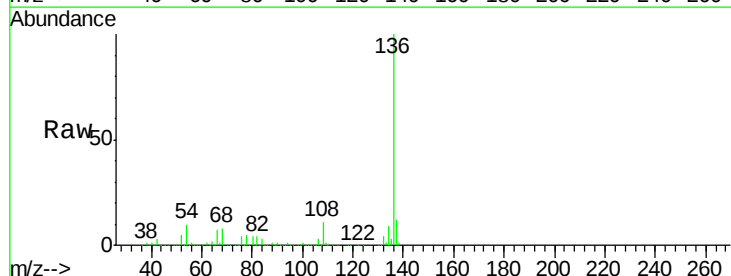
Instrument :
BNA_F
ClientSampleId :
IDW-WATER-02

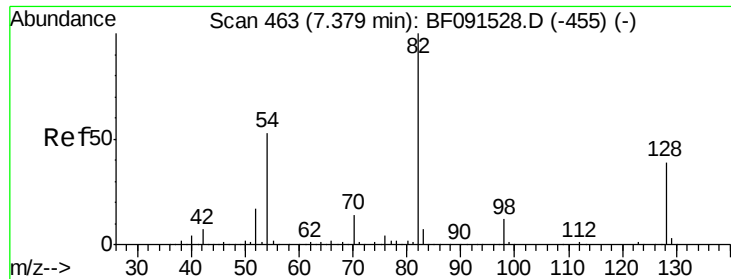
Tgt Ion:107 Resp: 236
Ion Ratio Lower Upper
107 100
108 0.0 64.6 104.6#
77 0.0 30.9 70.9#
79 0.0 9.3 49.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.03 min
Lab File: BF091642.D
Acq: 15 Dec 2016 21:37

Tgt Ion:136 Resp: 1186071
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 10.3 9.1 13.7
68 7.9 5.9 8.9

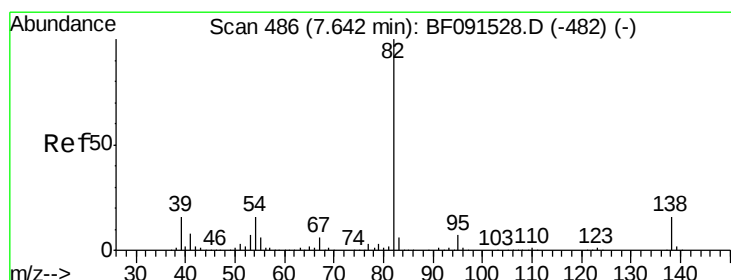
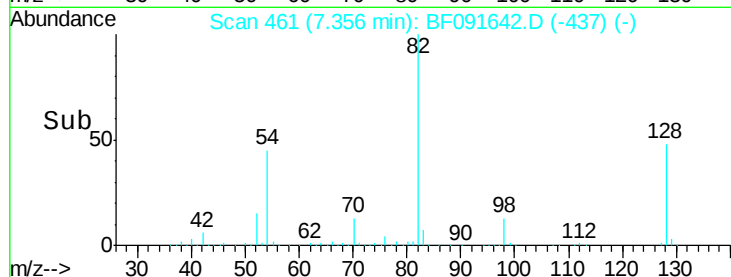
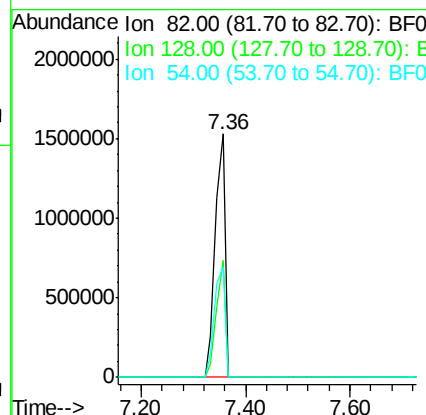
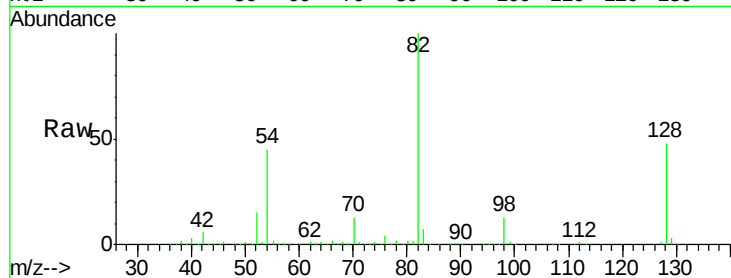




#23
Nitrobenzene-d5
Concen: 95.00 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF091642.D
Acq: 15 Dec 2016 21:37

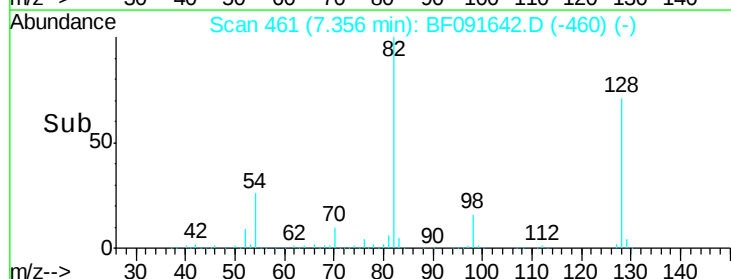
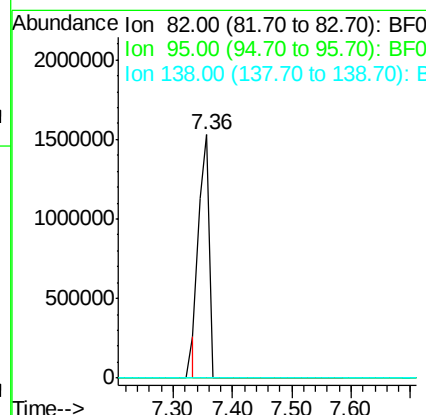
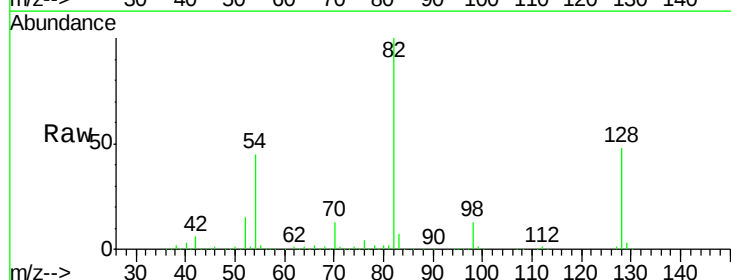
Instrument :
BNA_F
ClientSampleId :
IDW-WATER-02

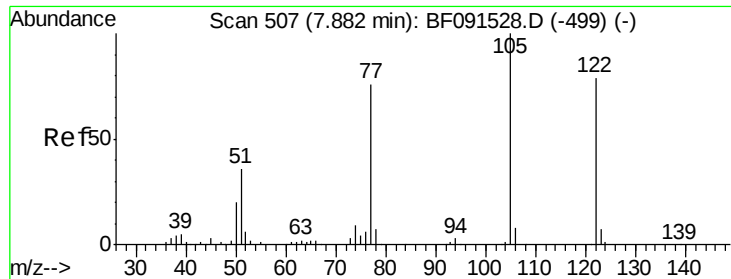
Tgt Ion: 82 Resp: 2018918
Ion Ratio Lower Upper
82 100
128 48.1 31.8 47.6#
54 45.4 49.1 73.7#



#25
Isophorone
Concen: 48.54 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.29 min
Lab File: BF091642.D
Acq: 15 Dec 2016 21:37

Tgt Ion: 82 Resp: 1833830
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.4 20.0#

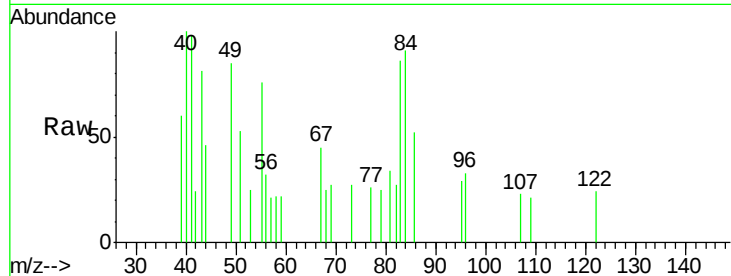




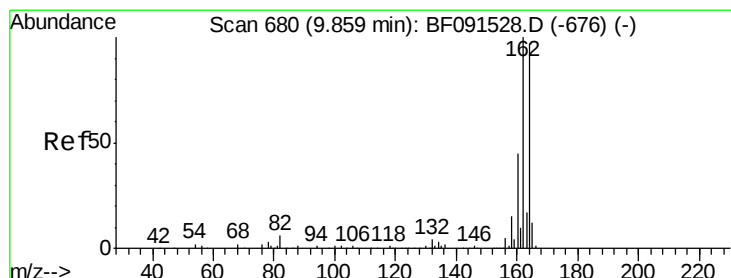
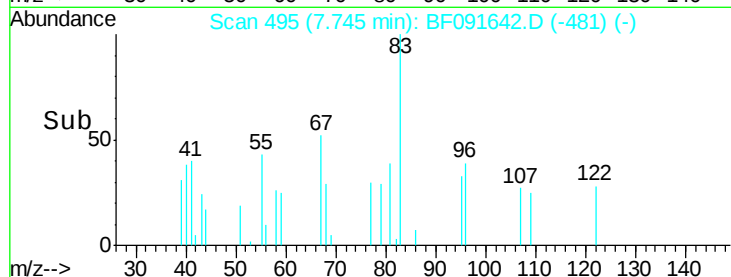
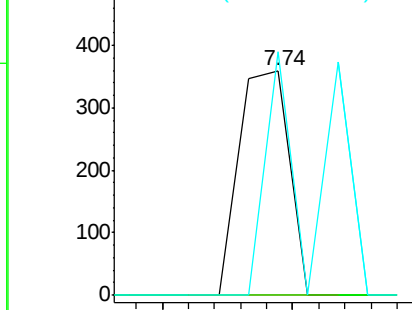
#32
Benzoic acid
Concen: 4.93 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.14 min
Lab File: BF091642.D
Acq: 15 Dec 2016 21:37

Instrument :
BNA_F
ClientSampleId :
IDW-WATER-02

Tgt Ion:122 Resp: 485
Ion Ratio Lower Upper
122 100
105 0.0 113.0 153.0#
77 108.3 82.0 122.0

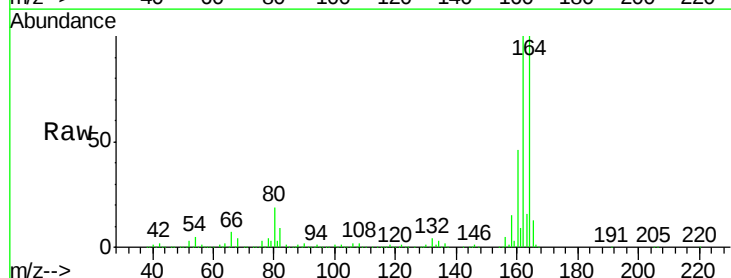


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

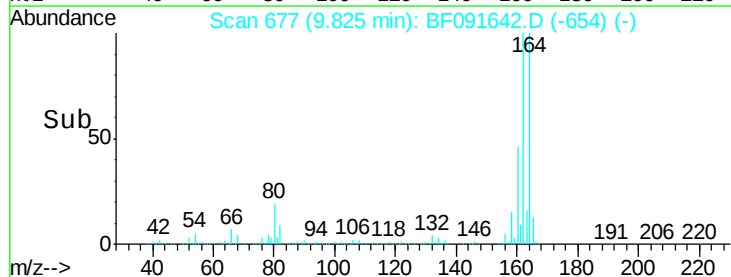
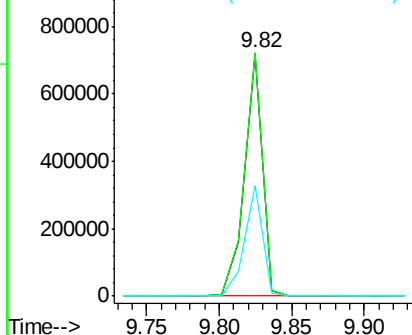


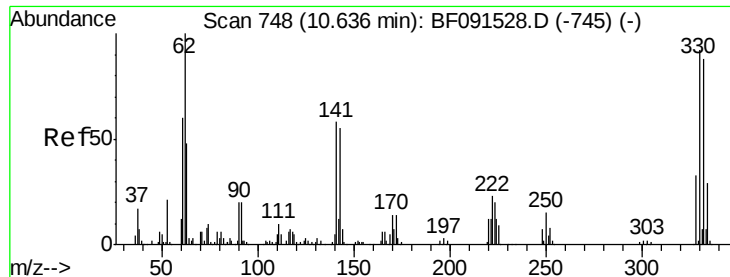
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.03 min
Lab File: BF091642.D
Acq: 15 Dec 2016 21:37

Tgt Ion:164 Resp: 619786
Ion Ratio Lower Upper
164 100
162 100.3 82.6 124.0
160 45.7 36.7 55.1



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

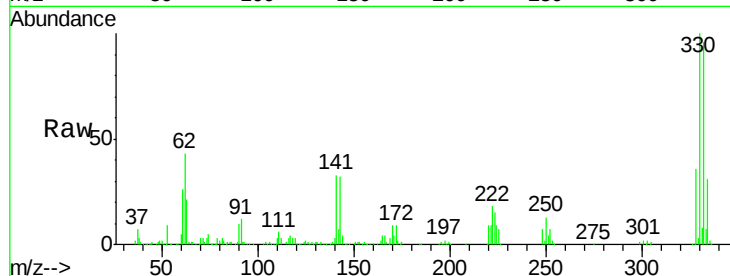




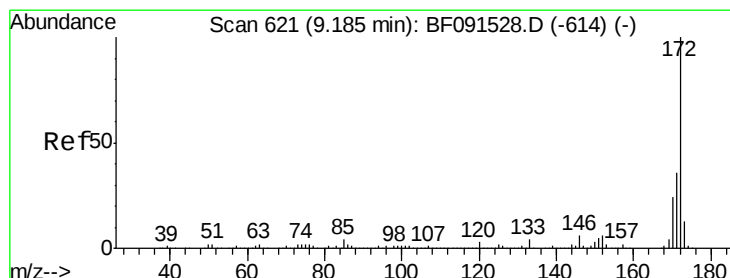
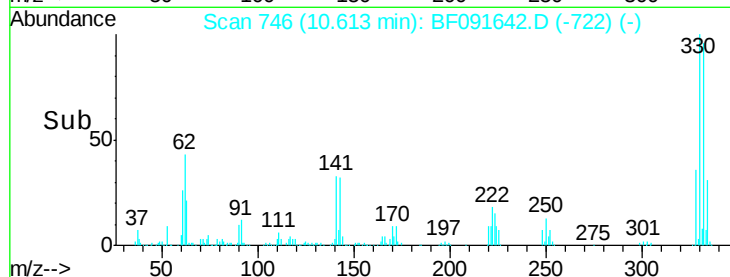
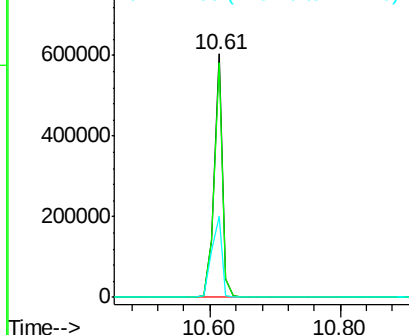
#41
 2,4,6-Tribromophenol
 Concen: 107.52 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF091642.D
 Acq: 15 Dec 2016 21:37

Instrument :
 BNA_F
 ClientSampleId :
 IDW-WATER-02

Tgt Ion:330 Resp: 553483
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.2 114.4
 141 40.8 33.6 50.4

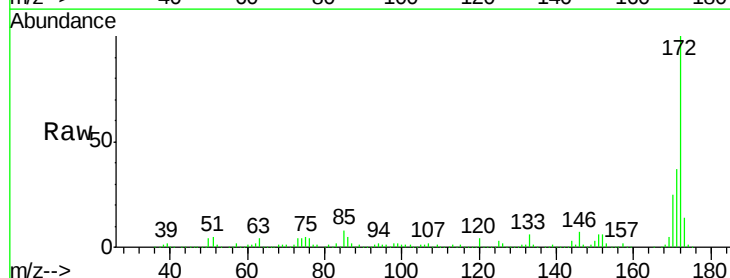


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

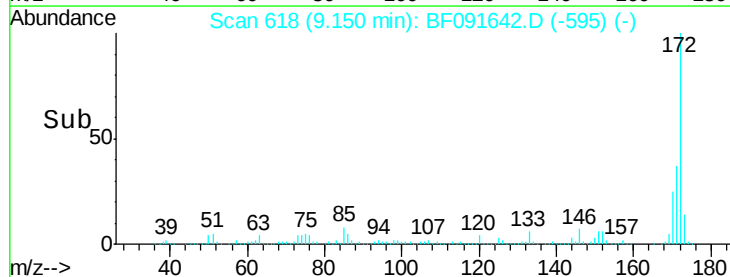
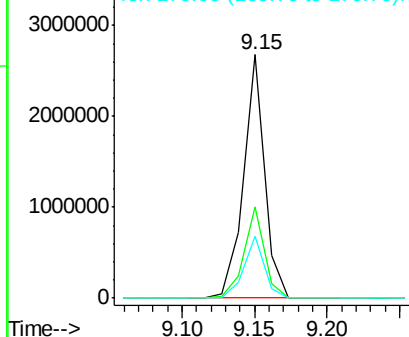


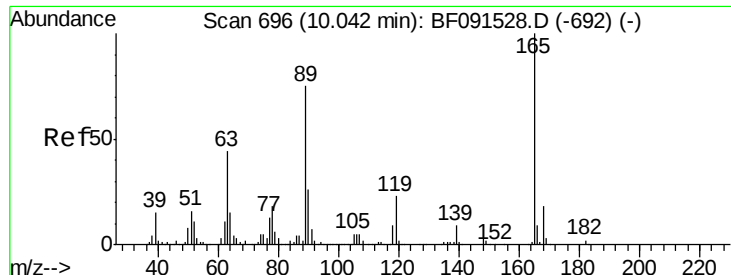
#44
 2-Fluorobiphenyl
 Concen: 75.21 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF091642.D
 Acq: 15 Dec 2016 21:37

Tgt Ion:172 Resp: 2697615
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.4 44.0
 170 25.4 19.7 29.5



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

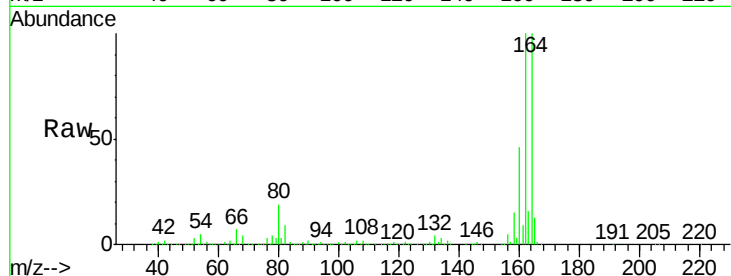




#56
2,4-Dinitrotoluene
Concen: 7.55 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.22 min
Lab File: BF091642.D
Acq: 15 Dec 2016 21:37

Instrument :
BNA_F
ClientSampleId :
IDW-WATER-02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	81553		
63	0.9	29.0	43.4#	
89	1.0	43.1	64.7#	
182	0.0	1.9	2.9#	

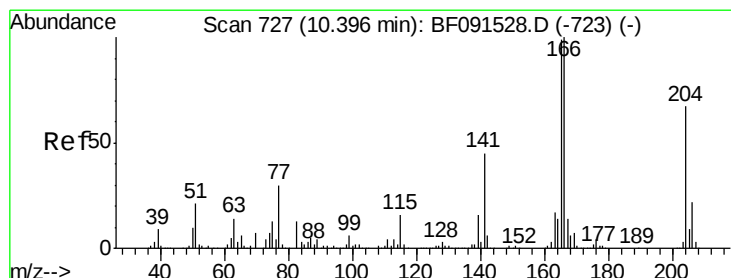
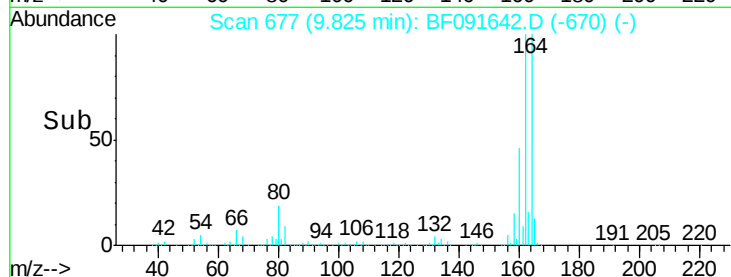
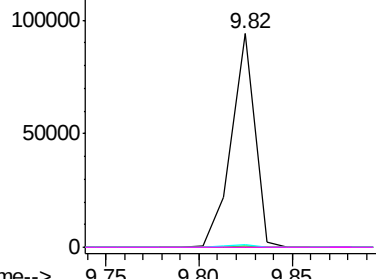


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

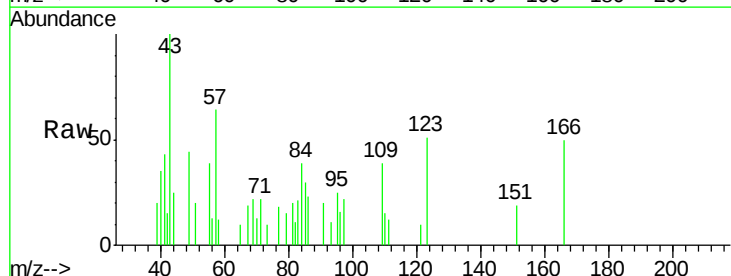
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: Below Cal
RT: 10.50 min Scan# 736
Delta R.T. 0.10 min
Lab File: BF091642.D
Acq: 15 Dec 2016 21:37

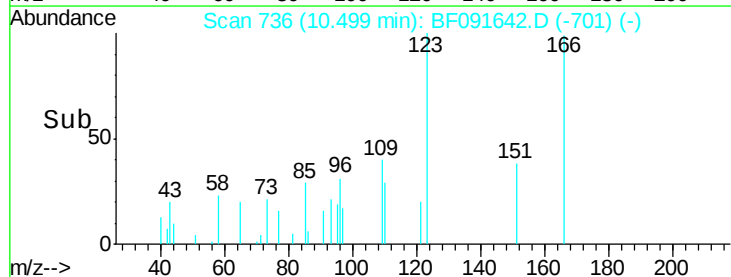
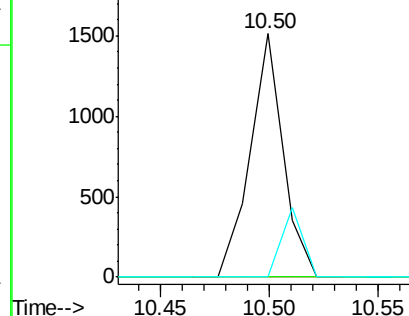
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1595		
165	0.0	80.0	120.0#	
167	0.0	10.8	16.2#	

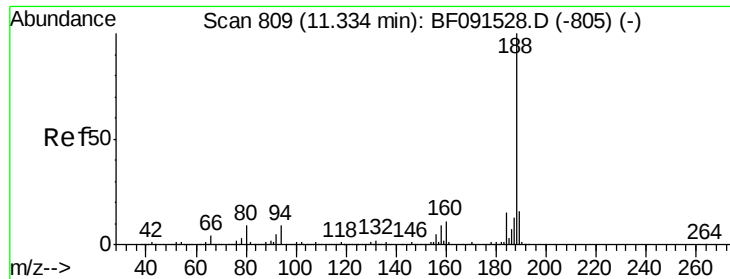


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

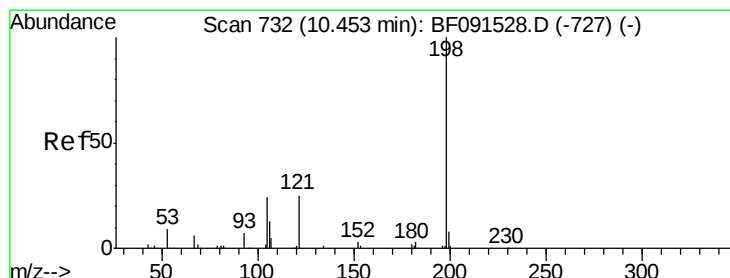
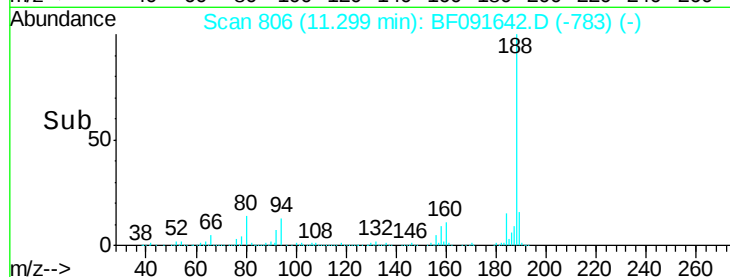
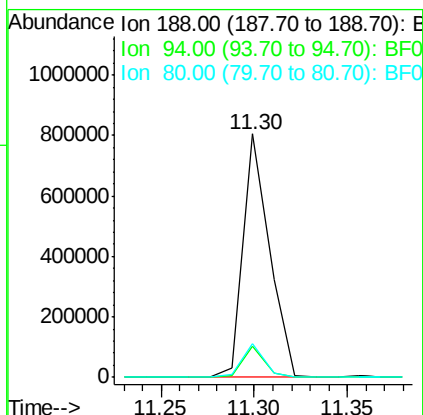
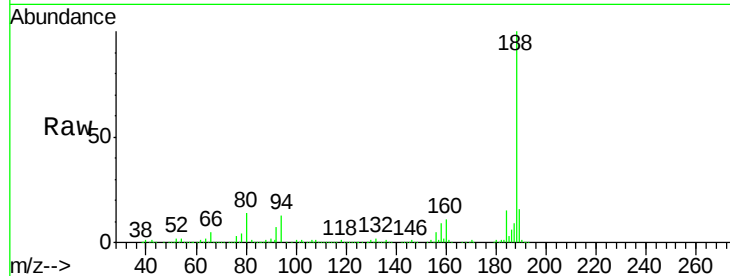




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.03 min
Lab File: BF091642.D
Acq: 15 Dec 2016 21:37

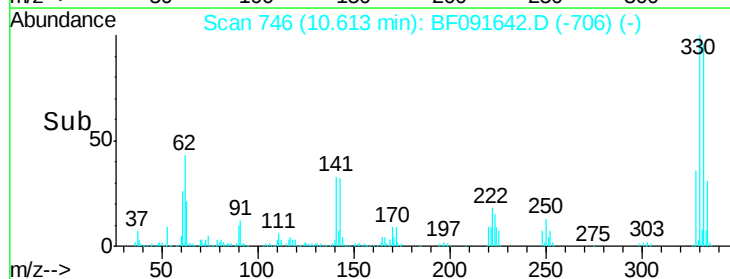
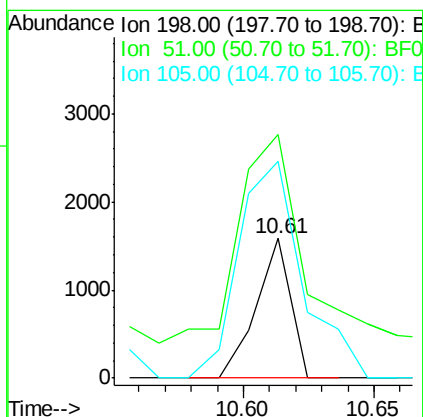
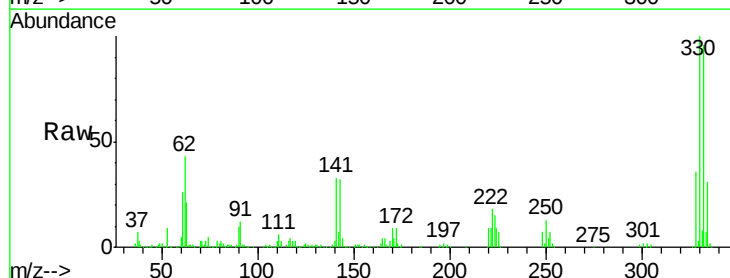
Instrument :
BNA_F
ClientSampleId :
IDW-WATER-02

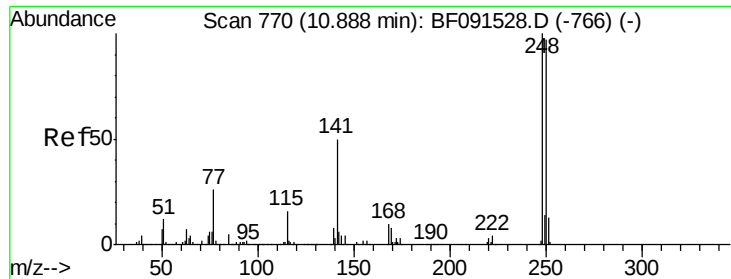
Tgt Ion:188 Resp: 799997
Ion Ratio Lower Upper
188 100
94 12.6 9.2 13.8
80 14.0 10.5 15.7



#64
4,6-Dinitro-2-methylphenol
Concen: 3.23 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.16 min
Lab File: BF091642.D
Acq: 15 Dec 2016 21:37

Tgt Ion:198 Resp: 1461
Ion Ratio Lower Upper
198 100
51 174.7 77.1 117.1#
105 155.4 44.8 84.8#

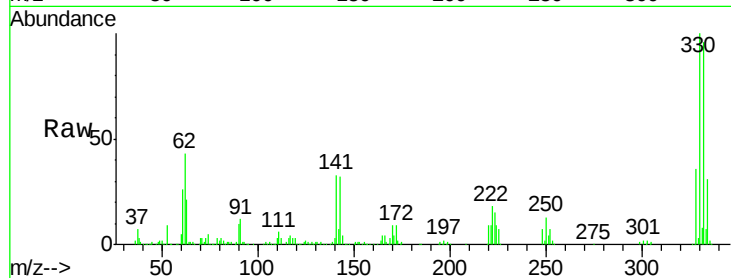




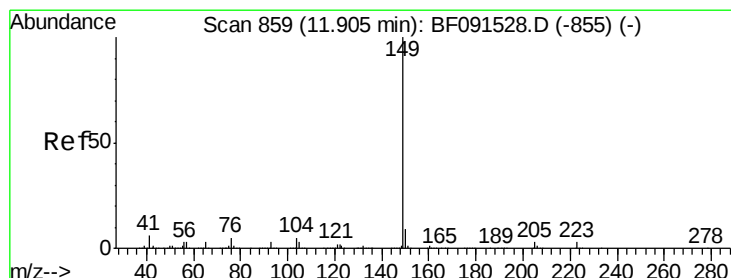
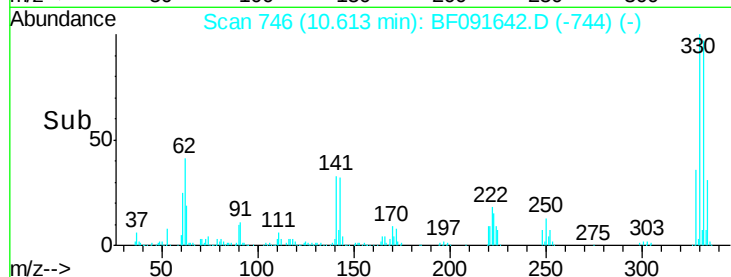
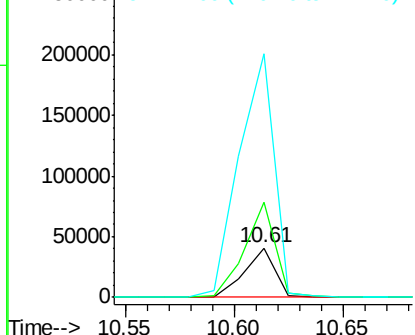
#66
4-Bromophenyl-phenylether
Concen: 4.77 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.27 min
Lab File: BF091642.D
Acq: 15 Dec 2016 21:37

Instrument :
BNA_F
ClientSampleId :
IDW-WATER-02

Tgt Ion:248 Resp: 39139
Ion Ratio Lower Upper
248 100
250 194.2 78.2 117.4#
141 493.9 71.9 107.9#

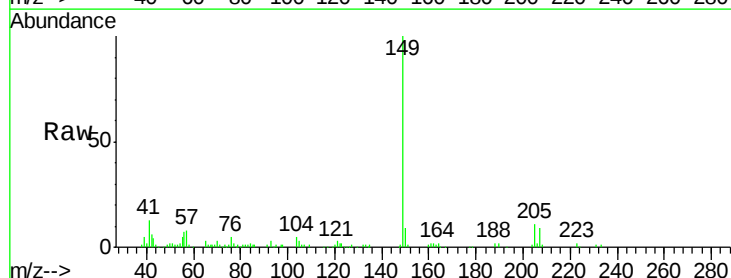


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

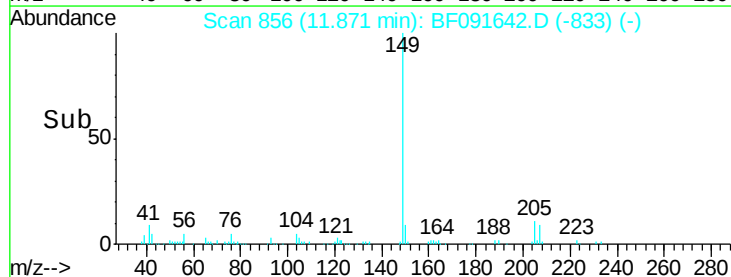
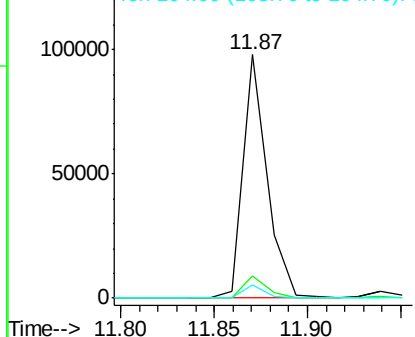


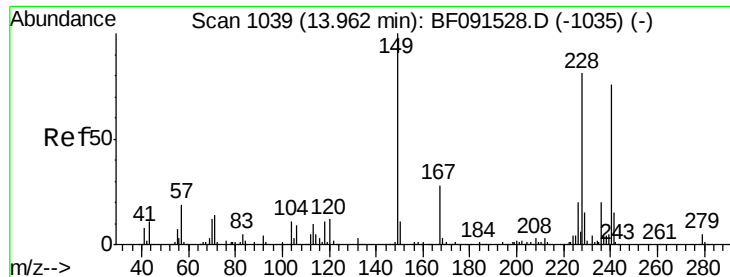
#73
Di-n-butylphthalate
Concen: 2.01 ng
RT: 11.87 min Scan# 856
Delta R.T. -0.03 min
Lab File: BF091642.D
Acq: 15 Dec 2016 21:37

Tgt Ion:149 Resp: 87747
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 5.5 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF091642.D

Acq: 15 Dec 2016 21:37

Instrument :

BNA_F

ClientSampleId :

IDW-WATER-02

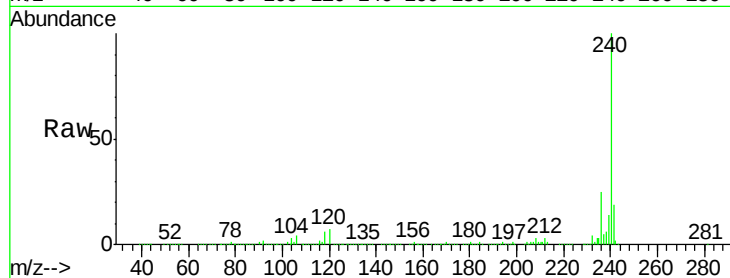
Tgt Ion:240 Resp: 592287

Ion Ratio Lower Upper

240 100

120 6.7 12.1 18.1#

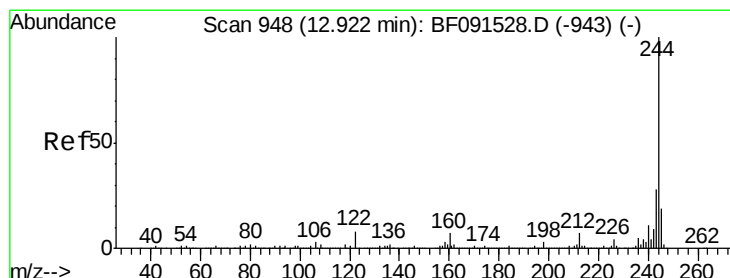
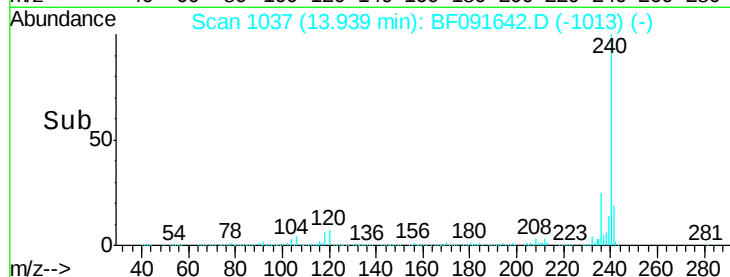
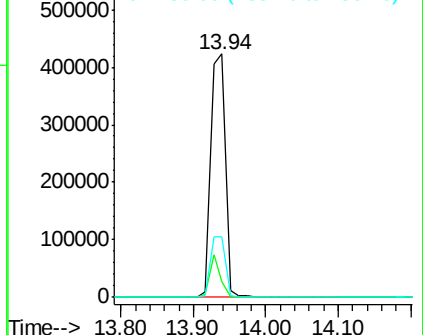
236 24.7 21.0 31.6



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: 82.35 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.03 min

Lab File: BF091642.D

Acq: 15 Dec 2016 21:37

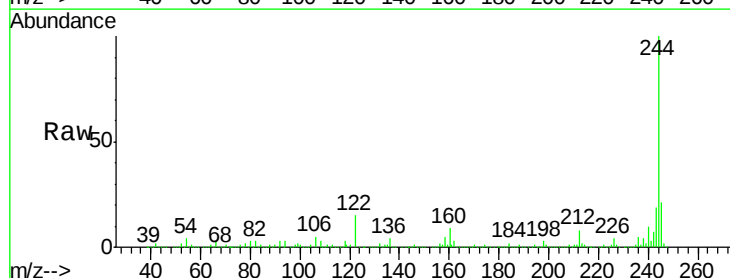
Tgt Ion:244 Resp: 2149509

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

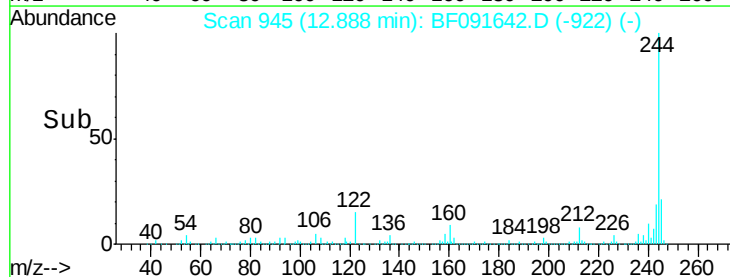
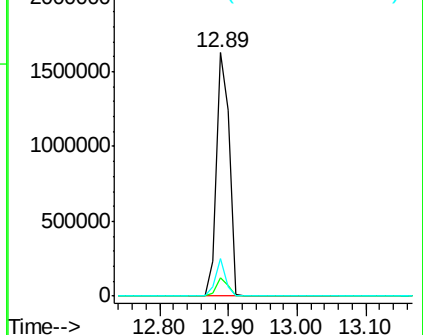
122 15.4 9.5 14.3#

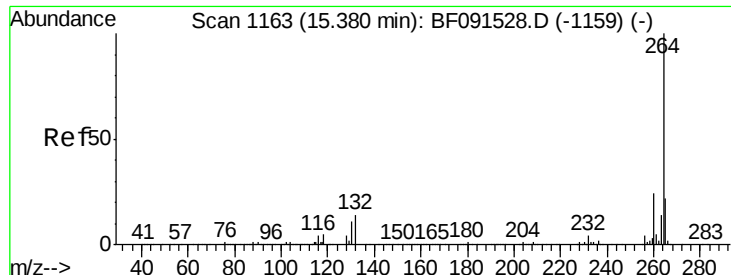


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

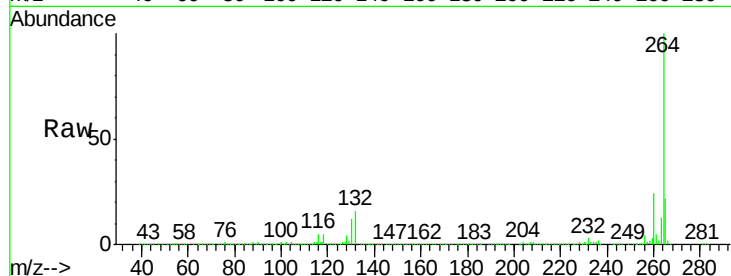




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BF091642.D
Acq: 15 Dec 2016 21:37

Instrument :
BNA_F
ClientSampleId :
IDW-WATER-02

Tgt Ion: 264 Resp: 600895
Ion Ratio Lower Upper
264 100
260 23.6 18.8 28.2
265 21.7 17.0 25.6



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

