

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080060.D
 Acq On : 19 Jun 2015 16:30
 Operator : TP/IZ
 Sample : G2653-05
 Misc : LOD-SVOC-WATER-2PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

Quant Time: Jun 22 12:06:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

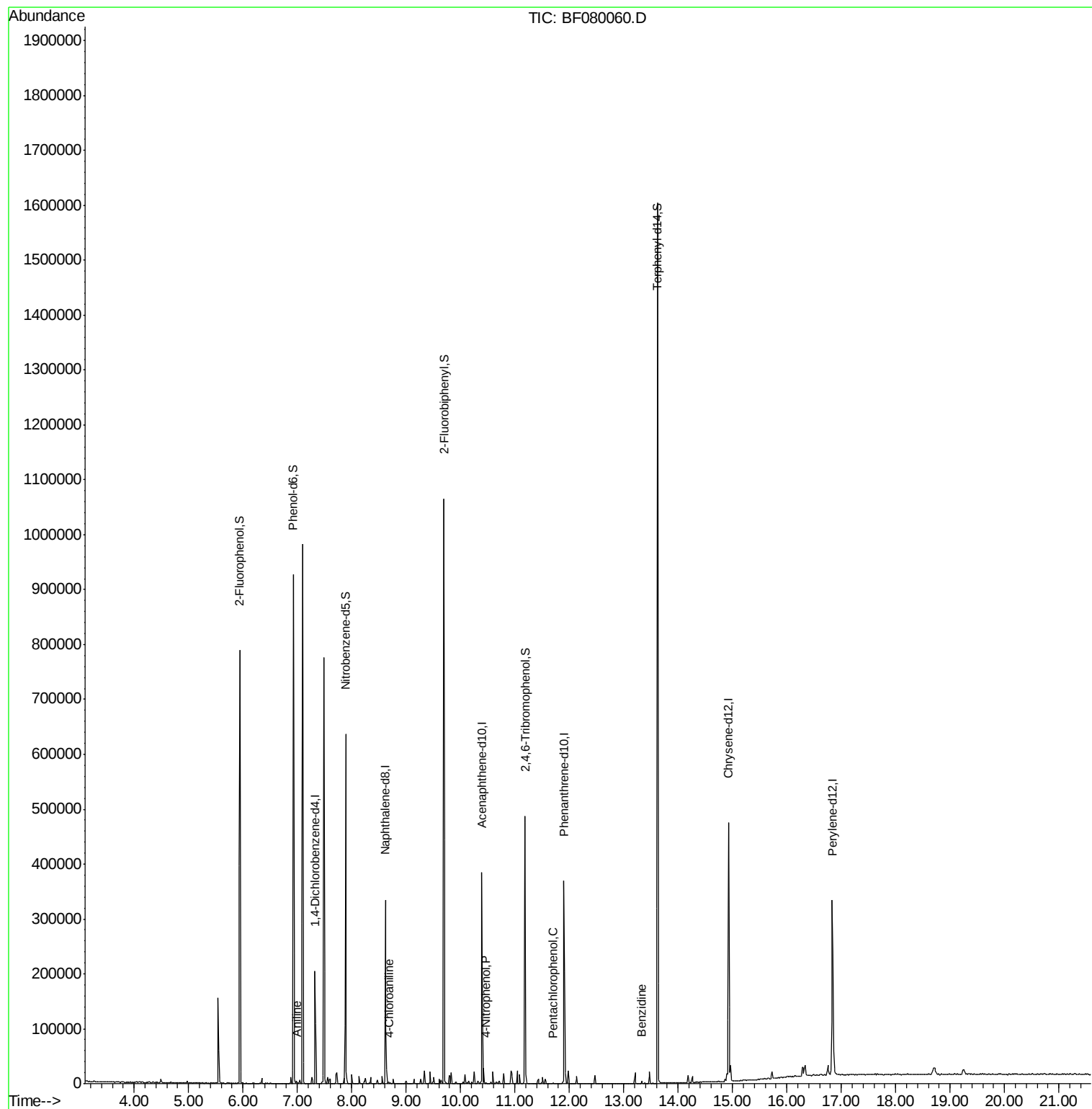
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	35157	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	152537	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	79284	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	164736	20.00	ng	-0.01
75) Chrysene-d12	14.93	240	191976	20.00	ng	0.07
86) Perylene-d12	16.84	264	191438	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	244605	123.16	ng	0.00
7) Phenol-d6	6.93	99	298604	112.98	ng	-0.01
23) Nitrobenzene-d5	7.89	82	181474	69.26	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	84548	109.06	ng	-0.01
44) 2-Fluorobiphenyl	9.69	172	361603	65.04	ng	-0.01
78) Terphenyl-d14	13.63	244	520440	63.31	ng	0.04
Target Compounds						
6) Aniline	6.98	93	1670	0.46	ng	# 85
33) 4-Chloroaniline	8.68	127	1950	0.57	ng	# 77
55) 4-Nitrophenol	10.47	139	674	0.61	ng	# 59
69) Pentachlorophenol	11.70	266	354	0.32	ng	97
76) Benzidine	13.33	184	3033	0.57	ng	# 93

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

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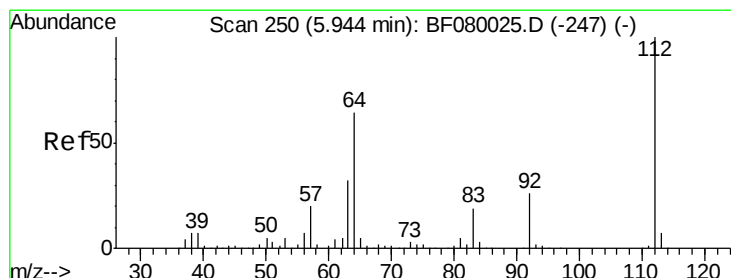
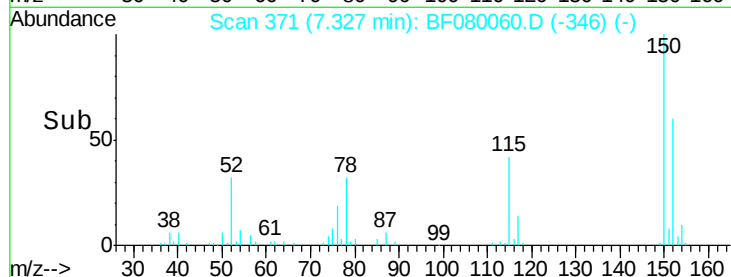
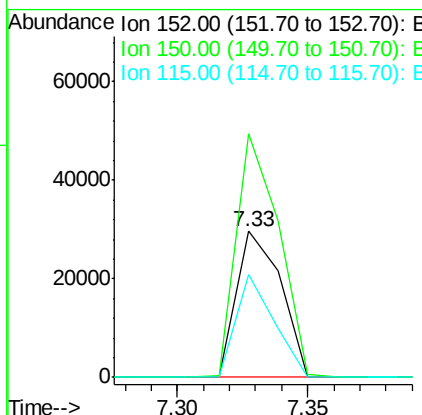
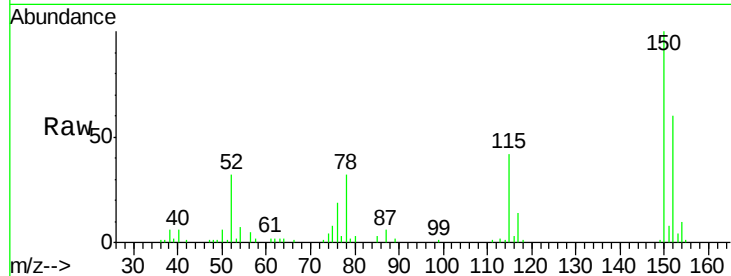


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.33 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: BF080060.D
 Acq: 19 Jun 2015 16:30

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

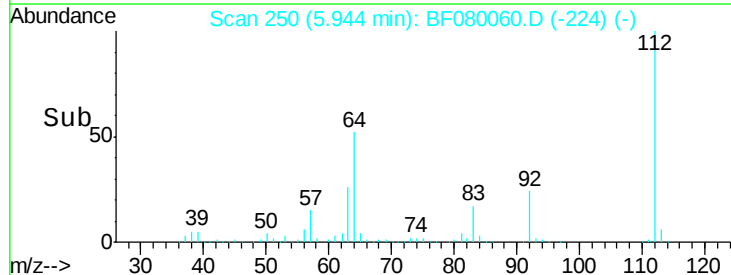
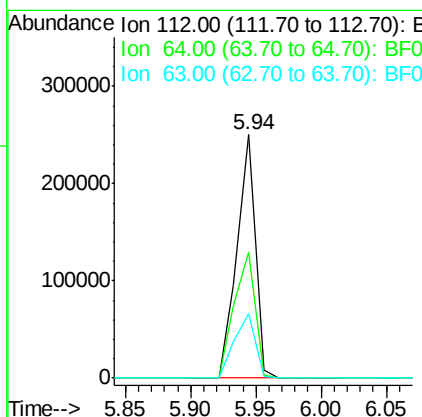
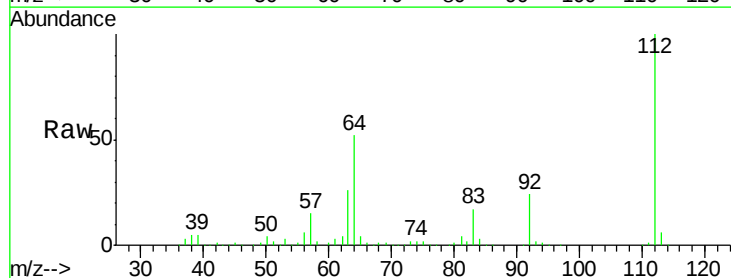
Tgt Ion:152 Resp: 35157
 Ion Ratio Lower Upper
 152 100
 150 166.8 124.7 187.1
 115 70.6 39.0 58.4#

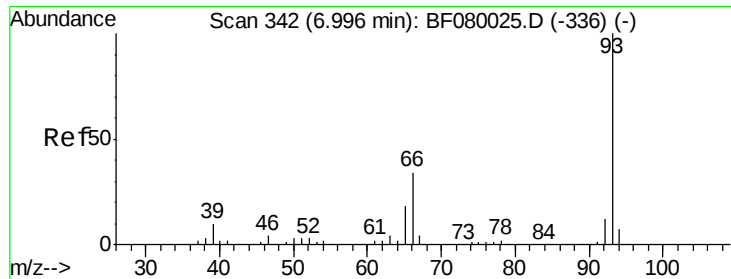


#5

2-Fluorophenol
 Concen: 123.16 ng
 RT: 5.94 min Scan# 250
 Delta R.T. 0.00 min
 Lab File: BF080060.D
 Acq: 19 Jun 2015 16:30

Tgt Ion:112 Resp: 244605
 Ion Ratio Lower Upper
 112 100
 64 52.0 39.7 59.5
 63 26.4 17.4 26.0#





#6

Aniline

Concen: 0.46 ng

RT: 6.98 min Scan# 341

Delta R.T. -0.01 min

Lab File: BF080060.D

Acq: 19 Jun 2015 16:30

Instrument :

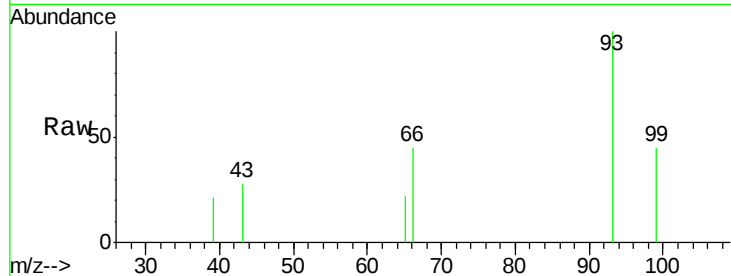
BNA_F

ClientSampleId :

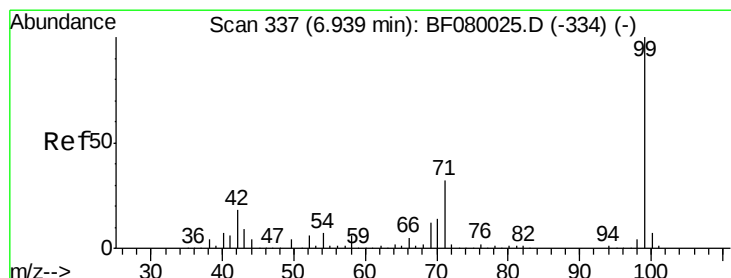
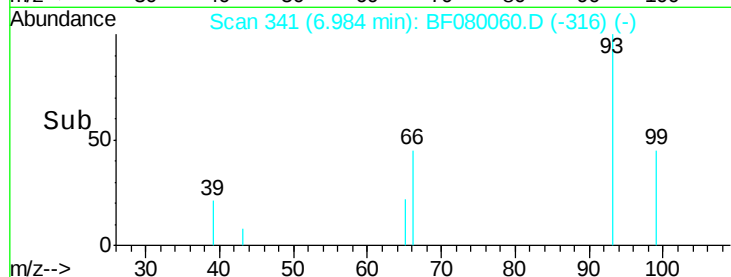
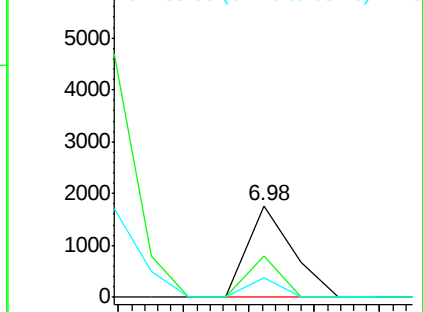
LOD-WATER2015-01

Tgt Ion: 93 Resp: 1670

Ion	Ratio	Lower	Upper
93	100		
66	44.9	27.2	40.8#
65	21.8	14.7	22.1



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: 112.98 ng

RT: 6.93 min Scan# 336

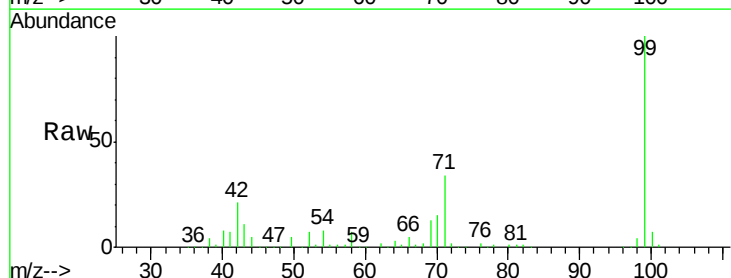
Delta R.T. -0.01 min

Lab File: BF080060.D

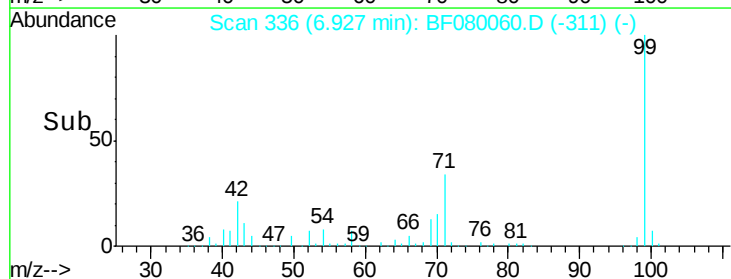
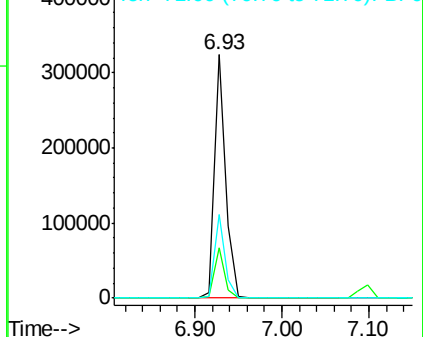
Acq: 19 Jun 2015 16:30

Tgt Ion: 99 Resp: 298604

Ion	Ratio	Lower	Upper
99	100		
42	20.9	13.7	20.5#
71	34.2	14.2	21.2#



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

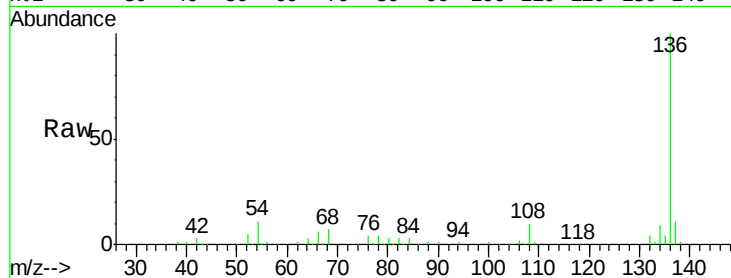




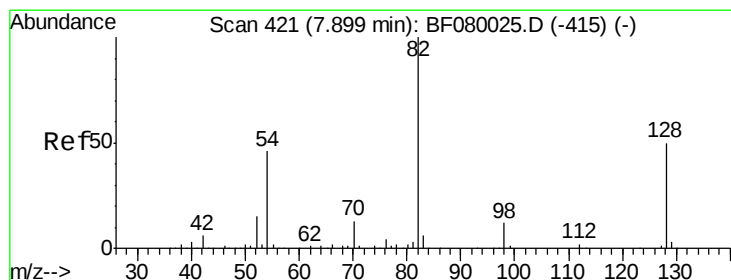
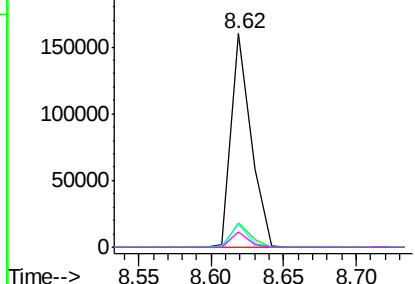
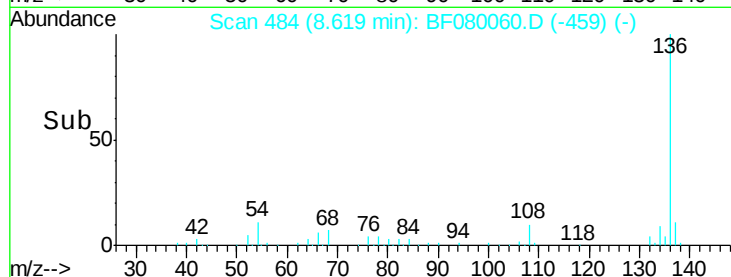
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080060.D
Acq: 19 Jun 2015 16:30

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:	136	Resp:	152537
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	10.5	8.2	12.2
68	7.2	5.8	8.6

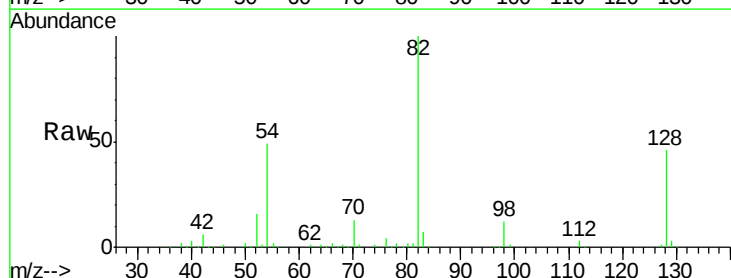


Abundance Ion 136.00 (135.70 to 136.70): E
250000
Ion 137.00 (136.70 to 137.70): E
200000
Ion 54.00 (53.70 to 54.70): BF0
150000
Ion 68.00 (67.70 to 68.70): BF0
100000
50000
0

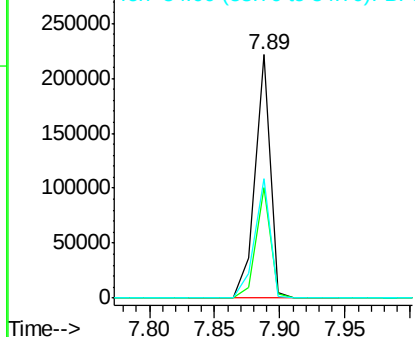
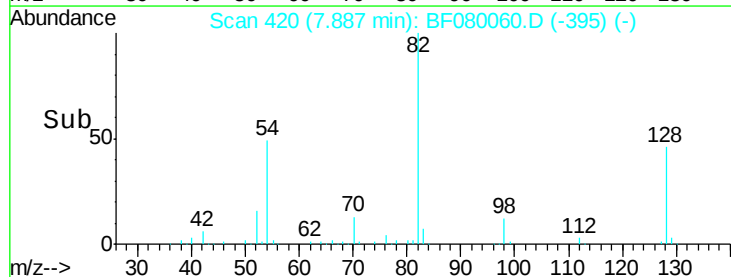


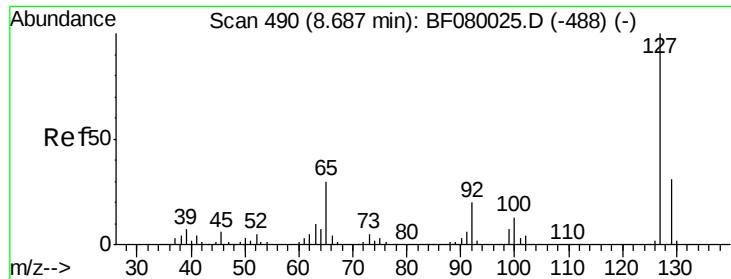
#23
Nitrobenzene-d5
Concen: 69.26 ng
RT: 7.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF080060.D
Acq: 19 Jun 2015 16:30

Tgt Ion:	82	Resp:	181474
Ion	Ratio	Lower	Upper
82	100		
128	45.6	51.0	76.6#
54	48.8	47.5	71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
300000
Ion 128.00 (127.70 to 128.70): E
250000
Ion 54.00 (53.70 to 54.70): BF0
200000
150000
100000
50000
0

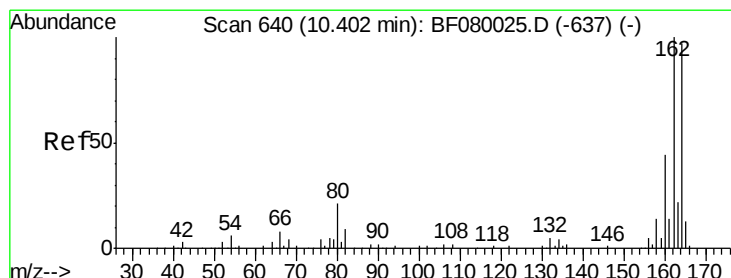
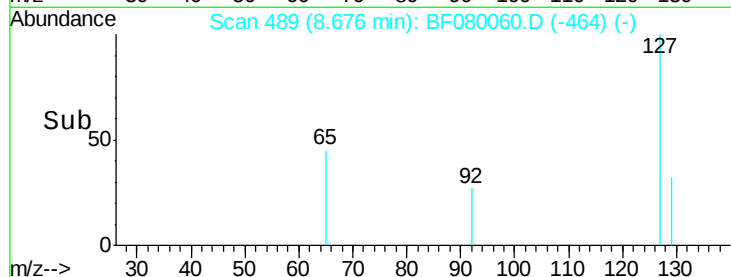
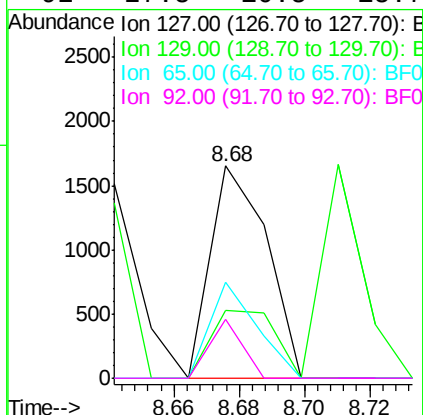
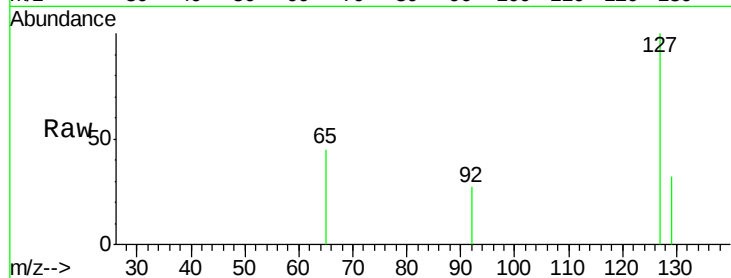




#33
4-Chloroaniline
Concen: 0.57 ng
RT: 8.68 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF080060.D
Acq: 19 Jun 2015 16:30

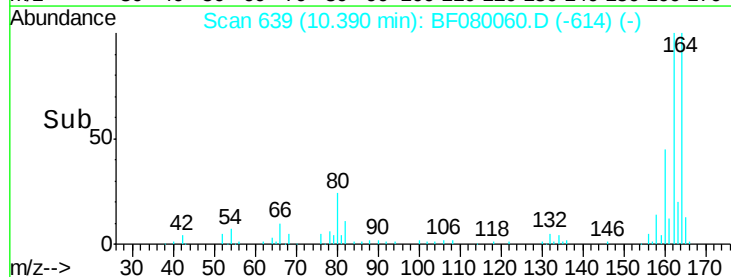
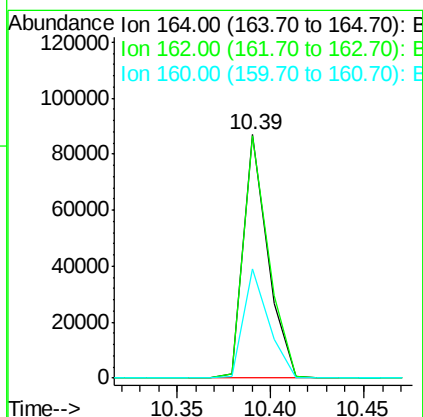
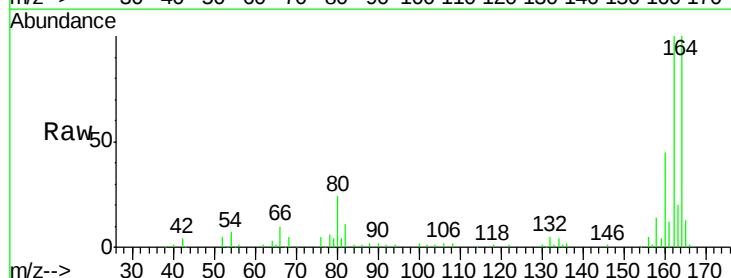
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:	127	Resp:	1950
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.6
65	45.0	17.9	26.9#
92	27.5	10.5	15.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.39 min Scan# 639
Delta R.T. -0.01 min
Lab File: BF080060.D
Acq: 19 Jun 2015 16:30

Tgt Ion:	164	Resp:	79284
Ion	Ratio	Lower	Upper
164	100		
162	99.7	75.2	112.8
160	44.9	31.5	47.3

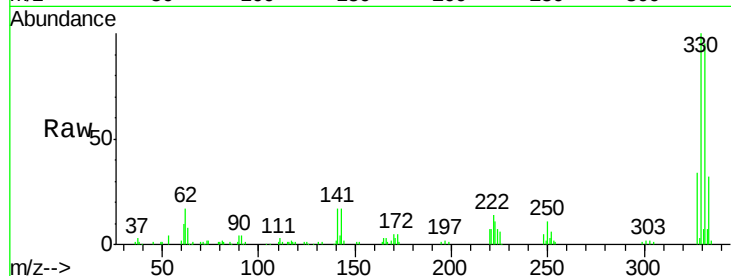




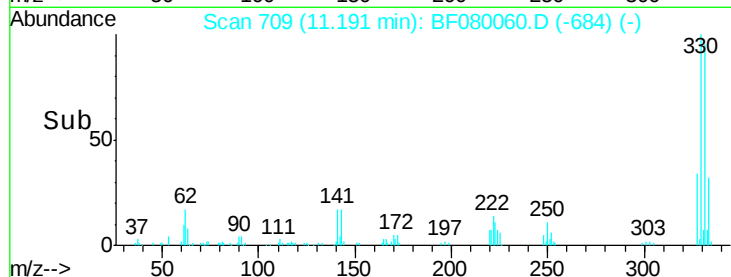
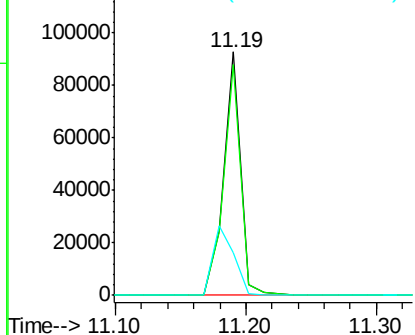
#41
 2,4,6-Tribromophenol
 Concen: 109.06 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080060.D
 Acq: 19 Jun 2015 16:30

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

Tgt Ion:330 Resp: 84548
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 35.3 29.7 44.5

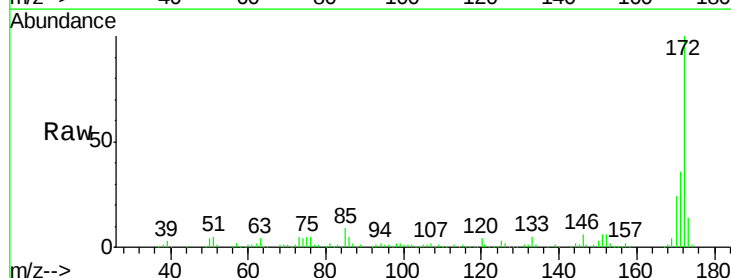


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

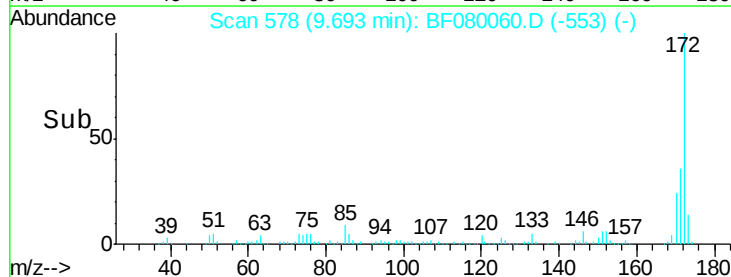
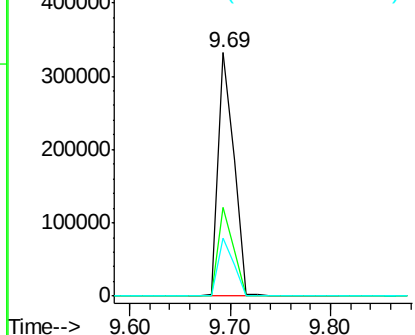


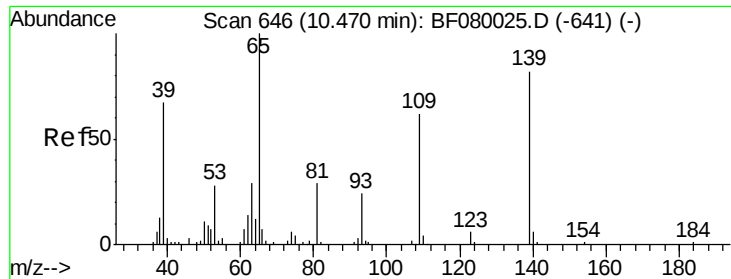
#44
 2-Fluorobiphenyl
 Concen: 65.04 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF080060.D
 Acq: 19 Jun 2015 16:30

Tgt Ion:172 Resp: 361603
 Ion Ratio Lower Upper
 172 100
 171 36.3 26.1 39.1
 170 24.0 17.4 26.2



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

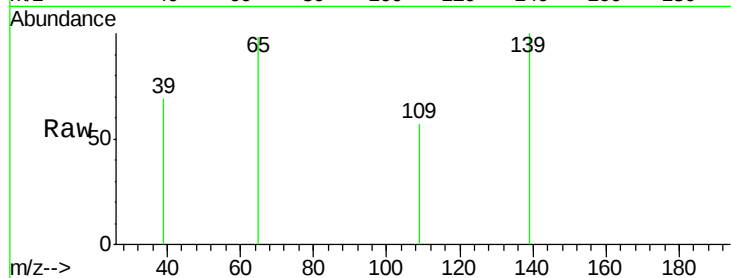




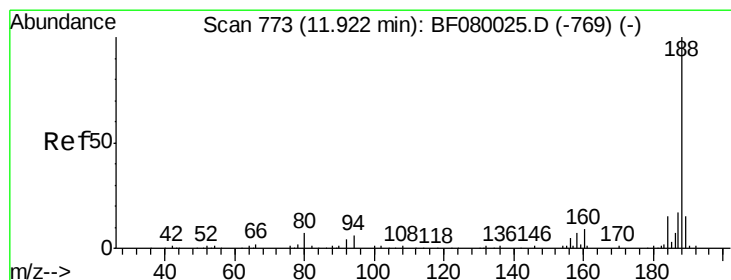
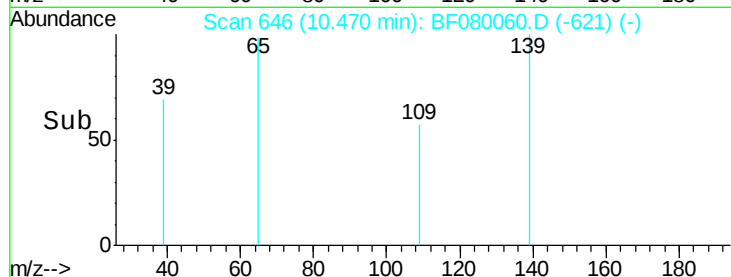
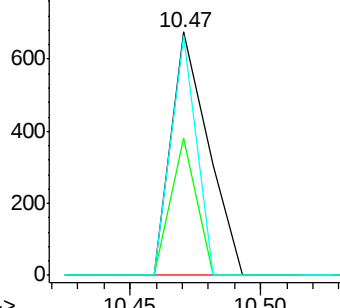
#55
4-Nitrophenol
Concen: 0.61 ng
RT: 10.47 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF080060.D
Acq: 19 Jun 2015 16:30

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:139 Resp: 674
Ion Ratio Lower Upper
139 100
109 56.7 12.7 52.7#
65 98.4 45.9 85.9#

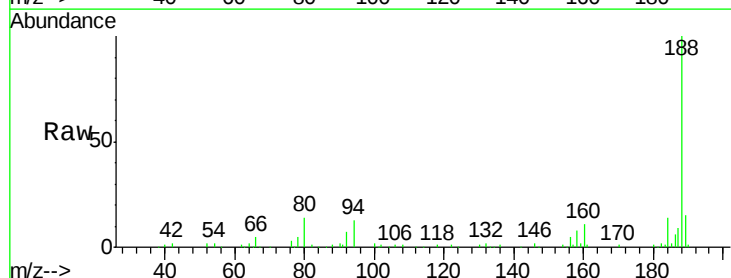


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

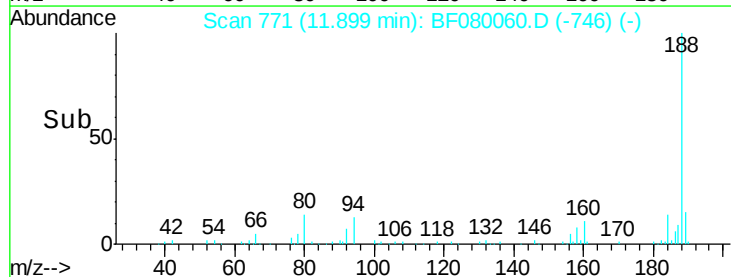
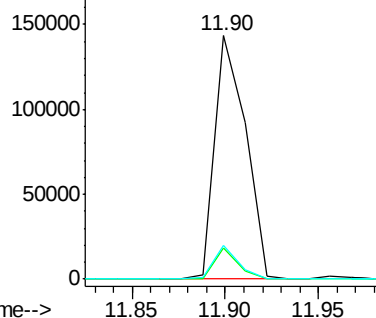


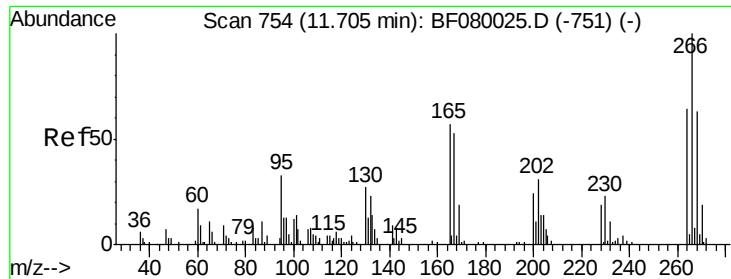
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF080060.D
Acq: 19 Jun 2015 16:30

Tgt Ion:188 Resp: 164736
Ion Ratio Lower Upper
188 100
94 12.6 11.1 16.7
80 13.8 11.0 16.4



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

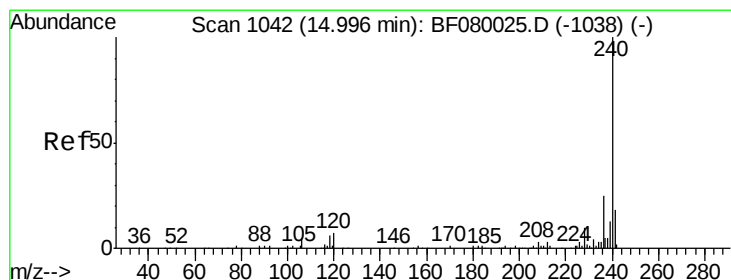
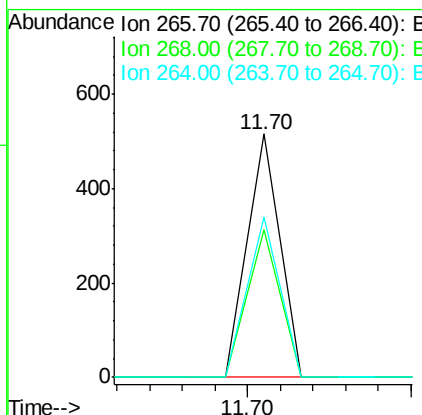
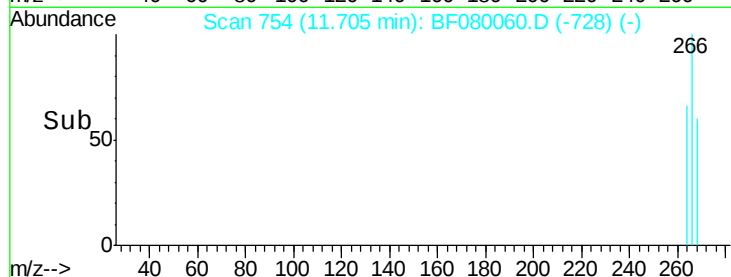
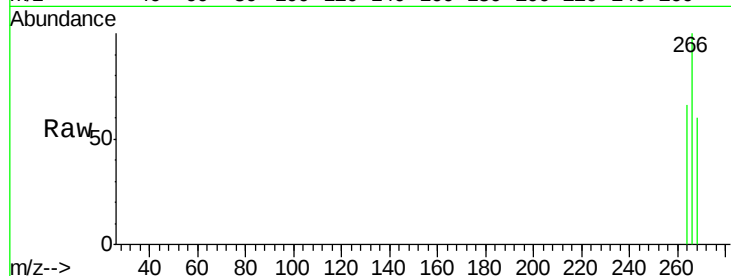




#69
 Pentachlorophenol
 Concen: 0.32 ng
 RT: 11.70 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF080060.D
 Acq: 19 Jun 2015 16:30

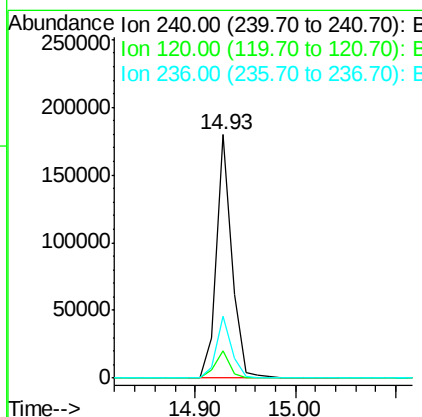
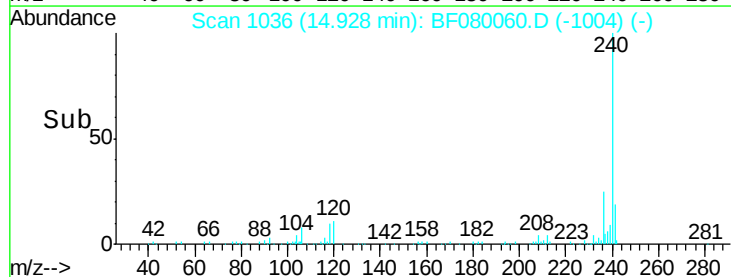
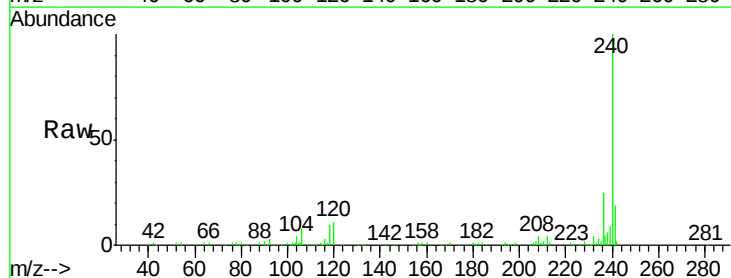
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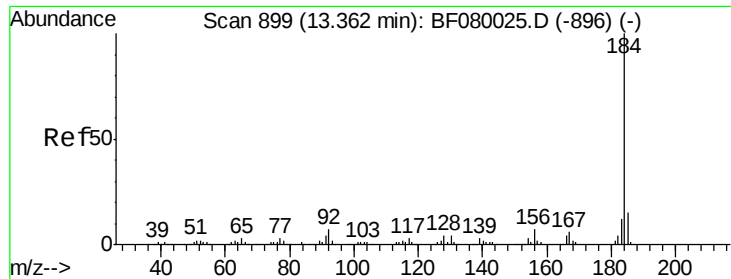
Tgt Ion: 266 Resp: 354
 Ion Ratio Lower Upper
 266 100
 268 60.5 49.8 74.6
 264 65.9 50.2 75.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.93 min Scan# 1036
 Delta R.T. 0.07 min
 Lab File: BF080060.D
 Acq: 19 Jun 2015 16:30

Tgt Ion: 240 Resp: 191976
 Ion Ratio Lower Upper
 240 100
 120 11.2 16.2 24.2#
 236 25.2 18.4 27.6

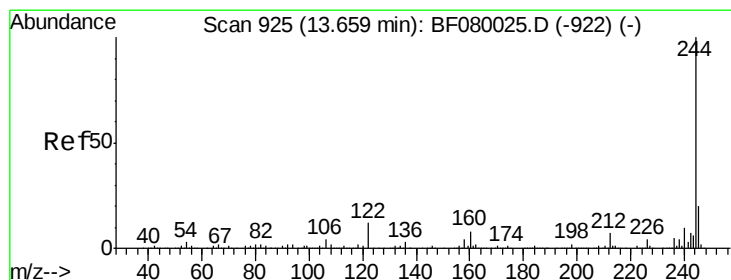
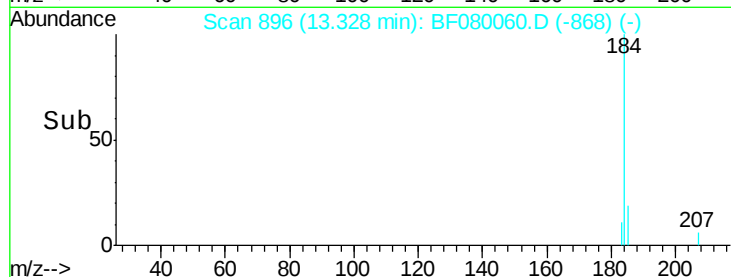
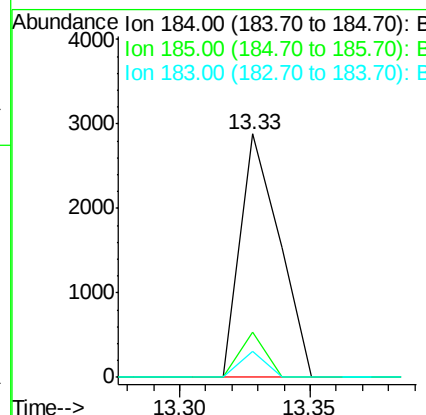
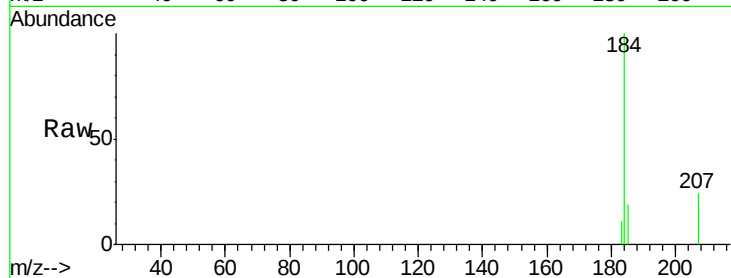




#76
Benzidine
Concen: 0.57 ng
RT: 13.33 min Scan# 896
Delta R.T. 0.02 min
Lab File: BF080060.D
Acq: 19 Jun 2015 16:30

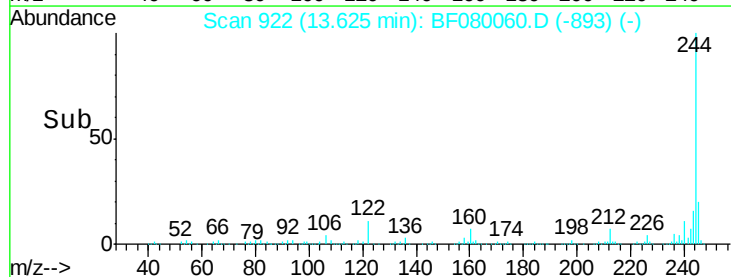
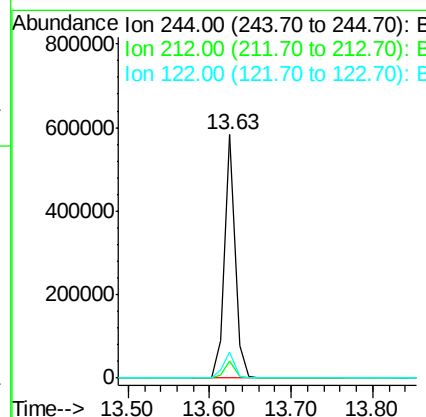
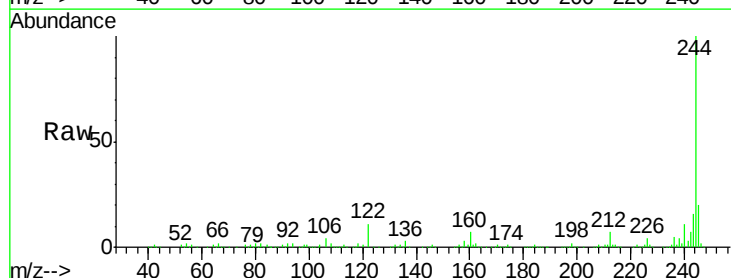
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

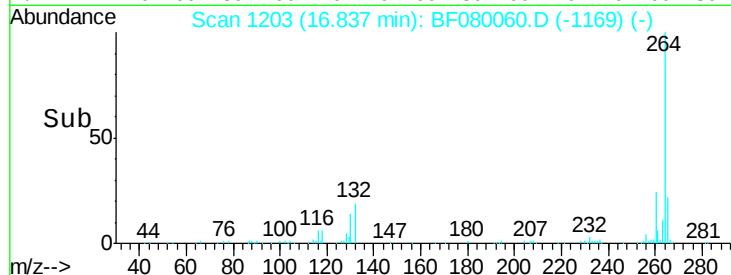
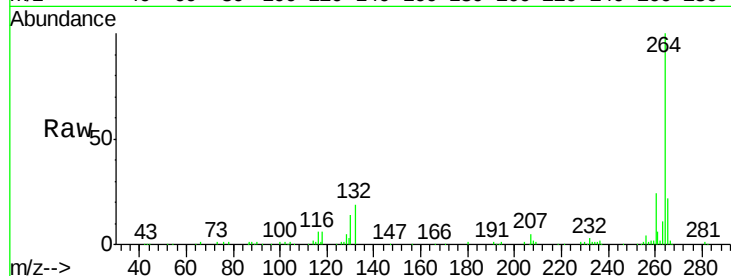
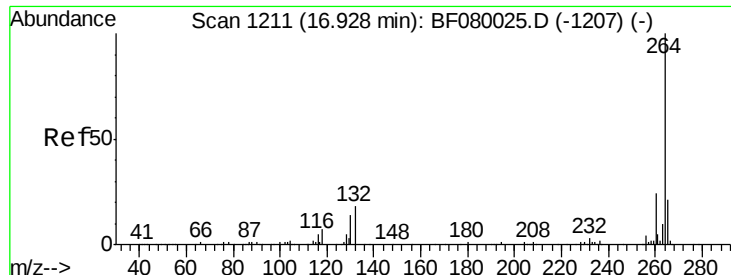
Tgt Ion:184 Resp: 3033
Ion Ratio Lower Upper
184 100
185 18.6 11.8 17.6#
183 10.9 7.6 11.4



#78
Terphenyl-d14
Concen: 63.31 ng
RT: 13.63 min Scan# 922
Delta R.T. 0.04 min
Lab File: BF080060.D
Acq: 19 Jun 2015 16:30

Tgt Ion:244 Resp: 520440
Ion Ratio Lower Upper
244 100
212 6.9 4.3 6.5#
122 10.7 17.4 26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.84 min Scan# 1203
Delta R.T. 0.09 min
Lab File: BF080060.D
Acq: 19 Jun 2015 16:30

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion: 264 Resp: 191438
Ion Ratio Lower Upper
264 100
260 23.7 16.7 25.1
265 21.7 17.2 25.8

