

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF085986.D
 Acq On : 2 Apr 2016 3:04
 Operator : UM/SJ
 Sample : H1824-05
 Misc : LOD 5PPM
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

Quant Time: Apr 02 04:16:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

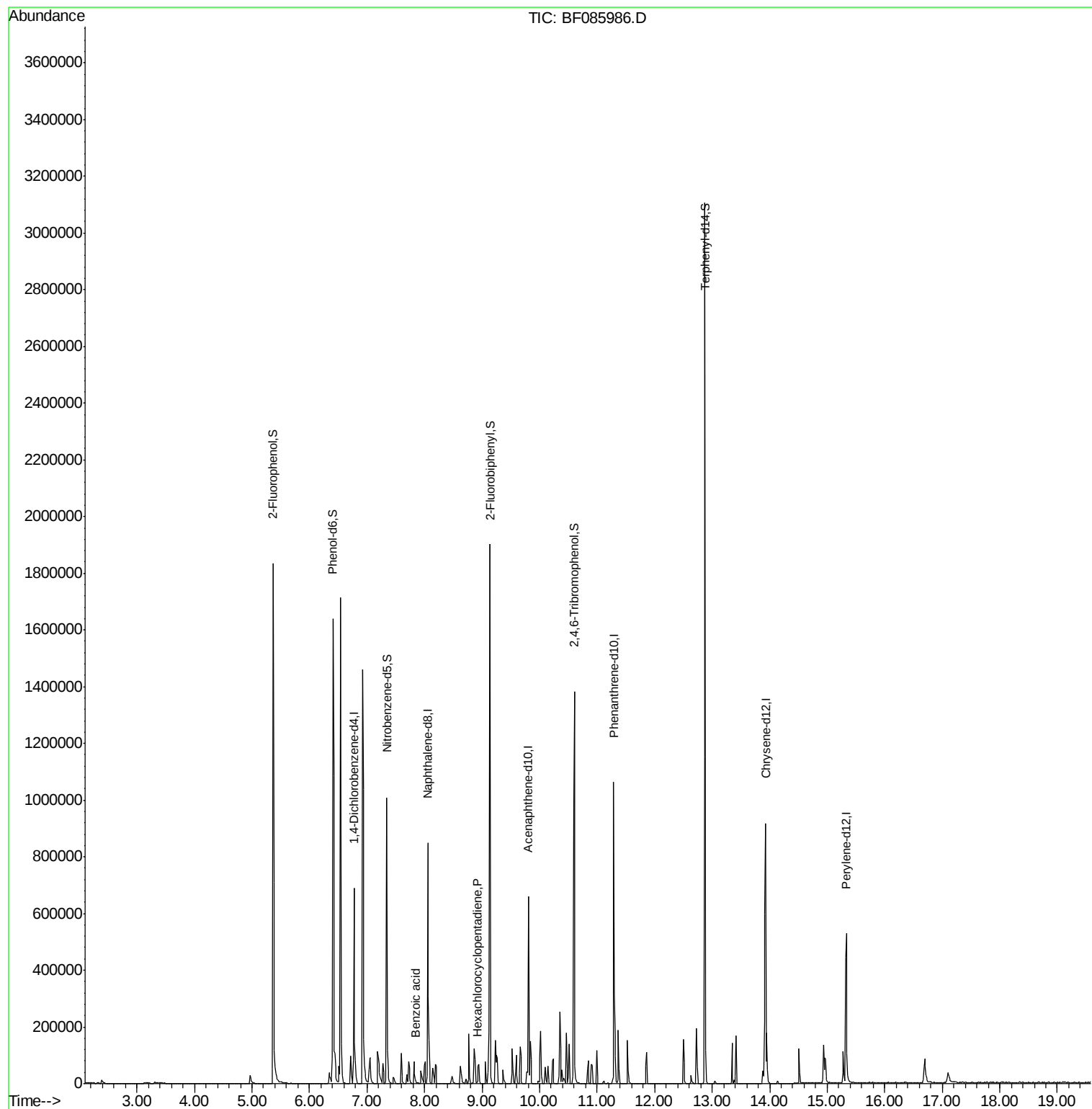
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	105557	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	413952	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	192066	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	385876	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	349537	20.00	ng	0.00
86) Perylene-d12	15.33	264	290703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	637638	103.25	ng	0.00
7) Phenol-d6	6.41	99	805960	102.75	ng	-0.01
23) Nitrobenzene-d5	7.34	82	508373	72.42	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	239903	133.08	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	932486	80.72	ng	0.00
78) Terphenyl-d14	12.88	244	1008516	67.82	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.85	122	4943	1.02	ng	# 77
40) Hexachlorocyclopentadiene	8.92	237	1357	6.26	ng	91

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

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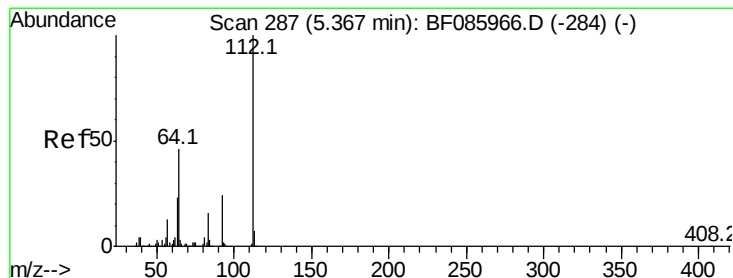
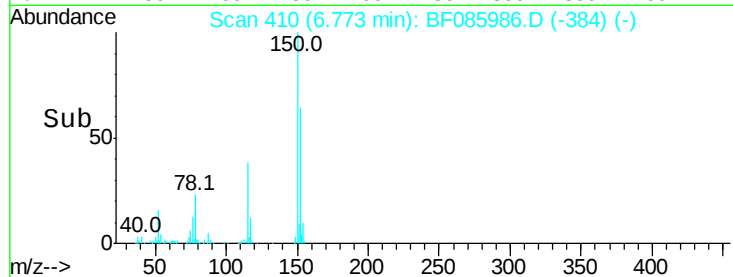
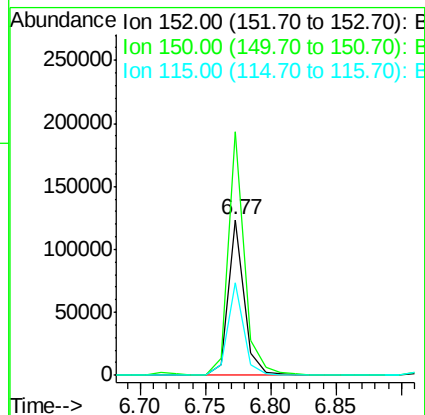
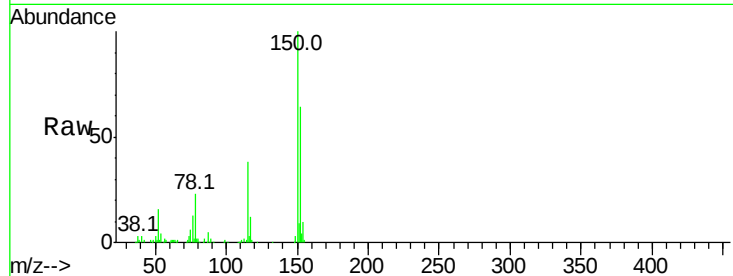


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF085986.D
Acq: 2 Apr 2016 3:04

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

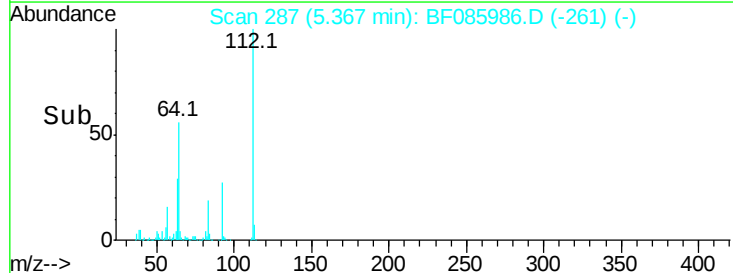
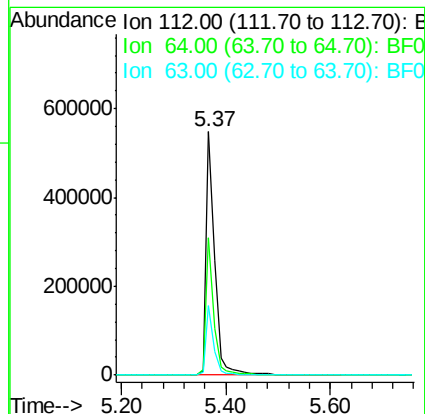
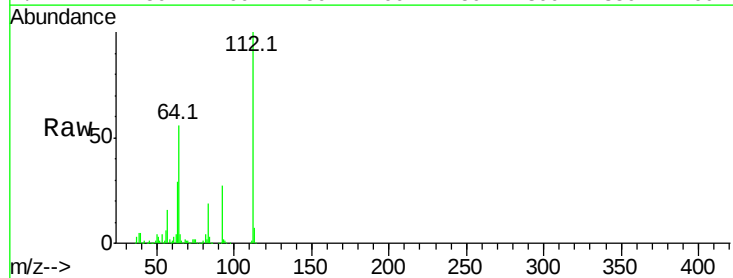
Tot Ion:152 Resp: 105557
Ion Ratio Lower Upper
152 100
150 156.5 124.2 186.2
115 59.3 47.0 70.6



#5

2-Fluorophenol
Concen: 103.25 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF085986.D
Acq: 2 Apr 2016 3:04

Tgt Ion:112 Resp: 637638
Ion Ratio Lower Upper
112 100
64 56.2 39.9 59.9
63 28.6 20.2 30.2





#7

Phenol-d6

Concen: 102.75 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

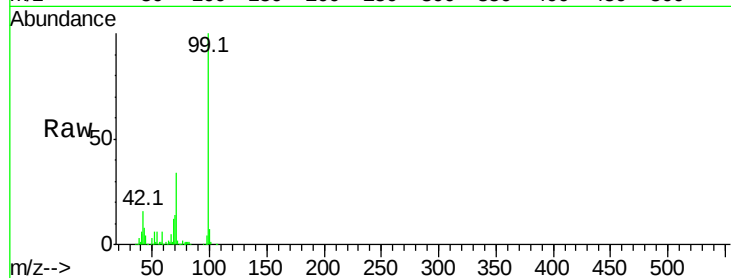
Tot Ion: 99 Resp: 805960

Ion Ratio Lower Upper

99 100

42 15.8 11.1 16.7

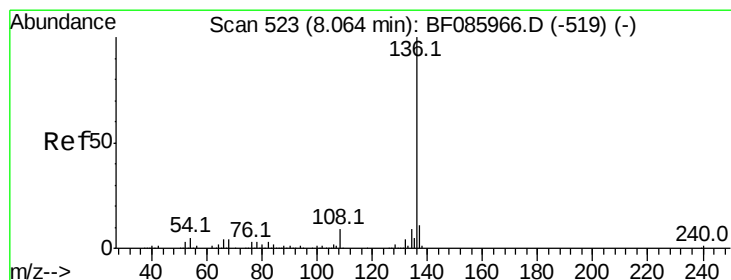
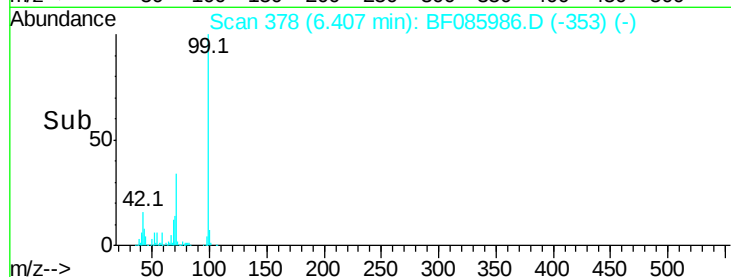
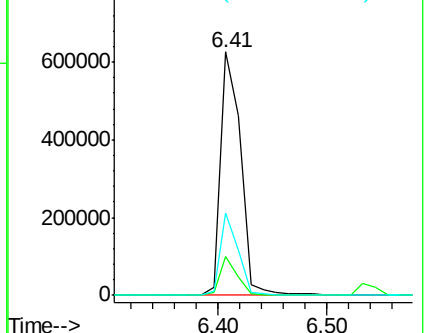
71 33.6 24.9 37.3



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: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

Tgt Ion: 136 Resp: 413952

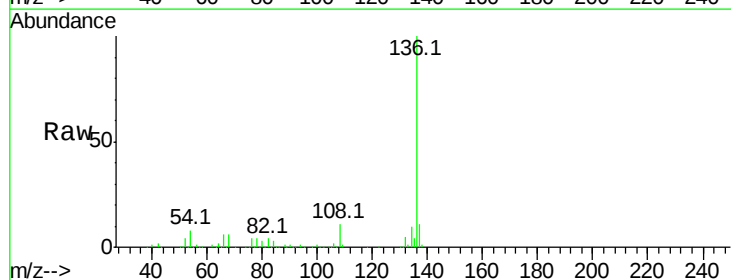
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.9 7.4 11.0

68 6.2 5.8 8.8

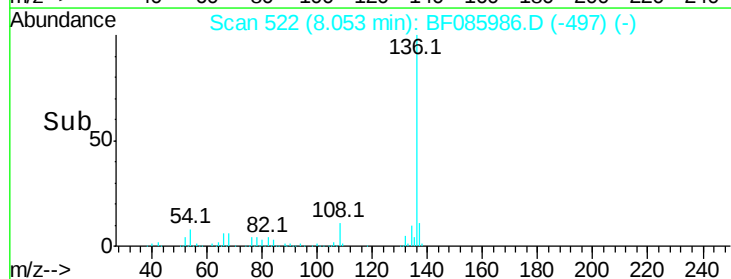
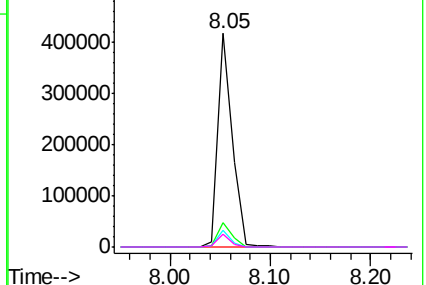


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

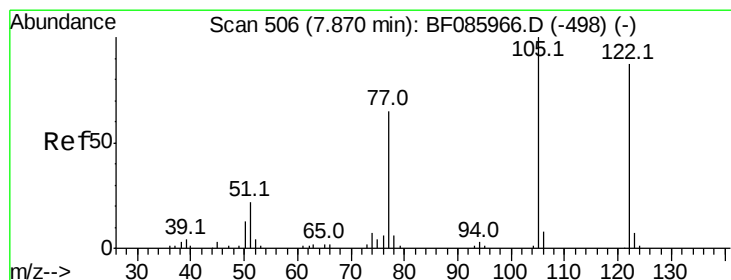
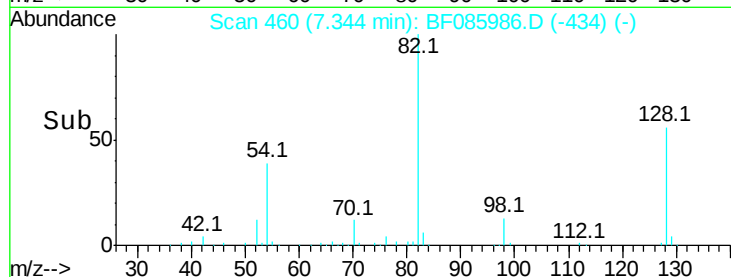
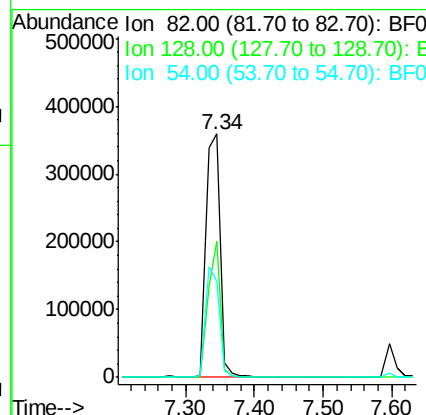
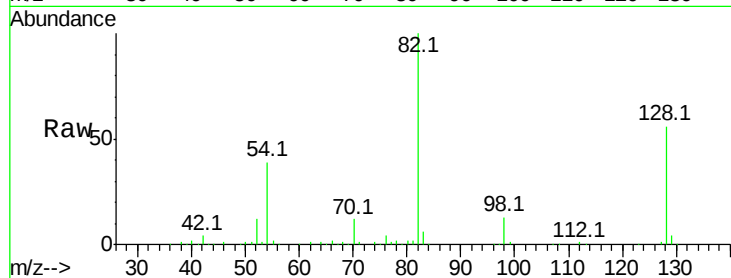




#23
 Nitrobenzene-d5
 Concen: 72.42 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF085986.D
 Acq: 2 Apr 2016 3:04

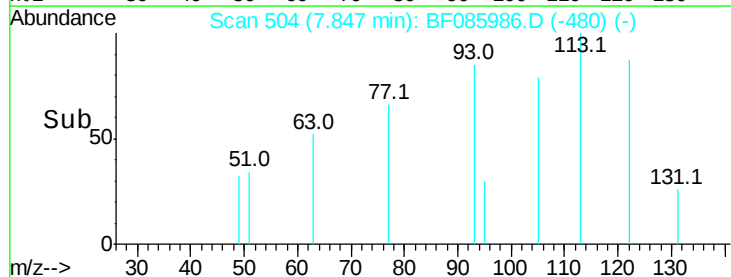
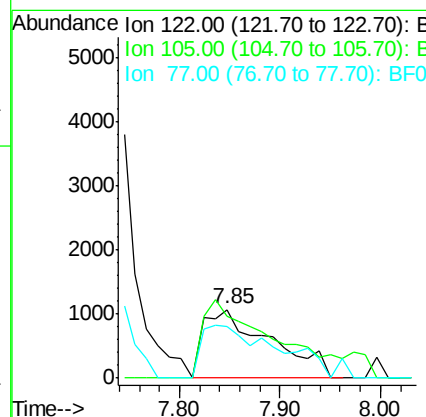
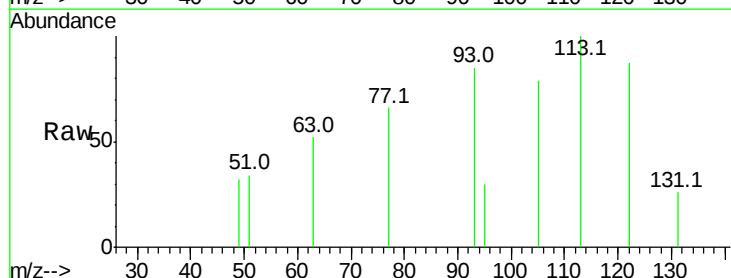
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2016-01

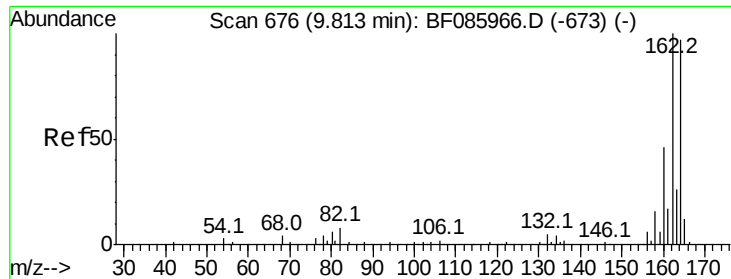
Tot Ion: 82 Resp: 508373
 Ion Ratio Lower Upper
 82 100
 128 55.9 41.8 62.8
 54 39.4 33.4 50.0



#32
 Benzoic acid
 Concen: 1.02 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.02 min
 Lab File: BF085986.D
 Acq: 2 Apr 2016 3:04

Tgt Ion: 122 Resp: 4943
 Ion Ratio Lower Upper
 122 100
 105 91.0 102.9 142.9#
 77 75.5 71.8 111.8

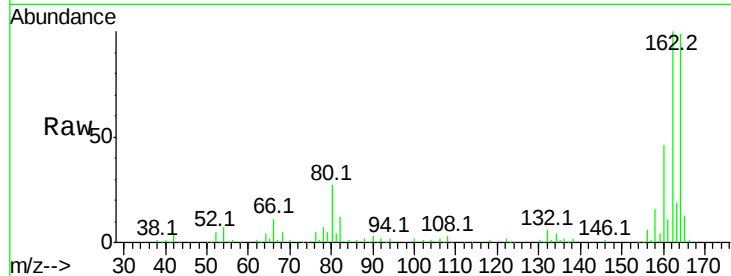




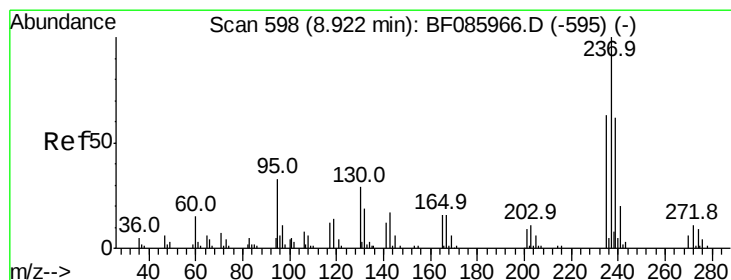
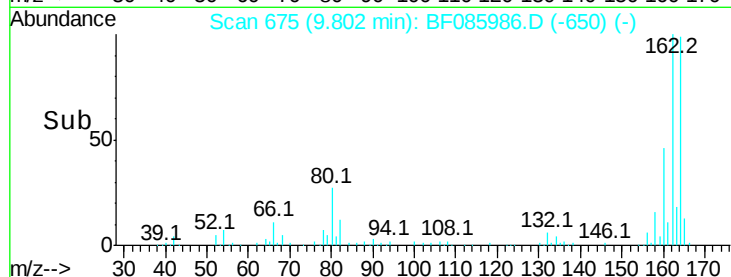
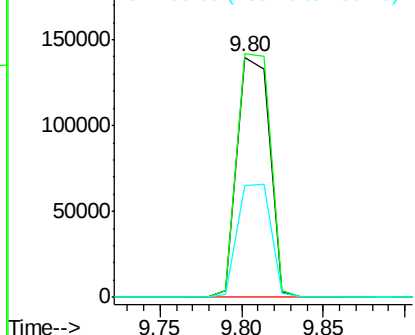
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF085986.D
Acq: 2 Apr 2016 3:04

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tot Ion:164 Resp: 192066
Ion Ratio Lower Upper
164 100
162 101.4 82.1 123.1
160 46.8 37.4 56.2

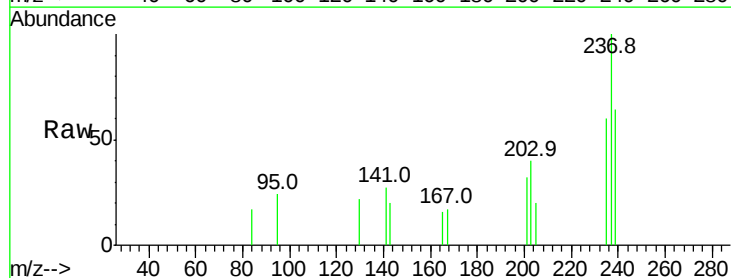


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

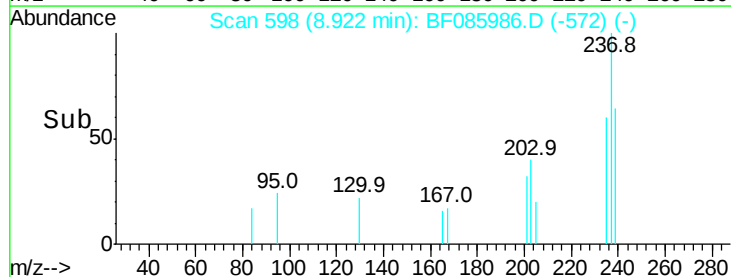
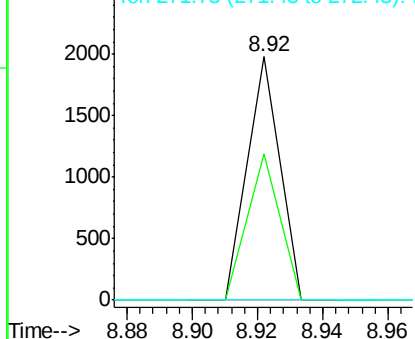


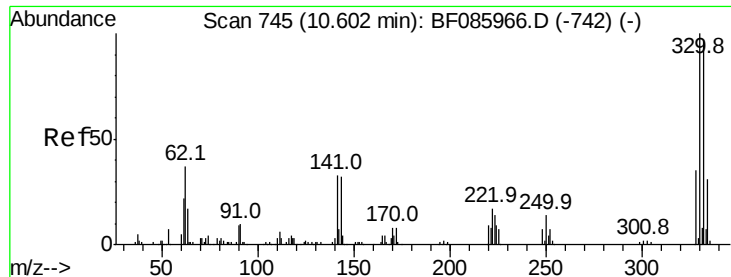
#40
Hexachlorocyclopentadiene
Concen: 6.26 ng
RT: 8.92 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF085986.D
Acq: 2 Apr 2016 3:04

Tgt Ion:237 Resp: 1357
Ion Ratio Lower Upper
237 100
235 60.3 43.7 83.7
272 0.0 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

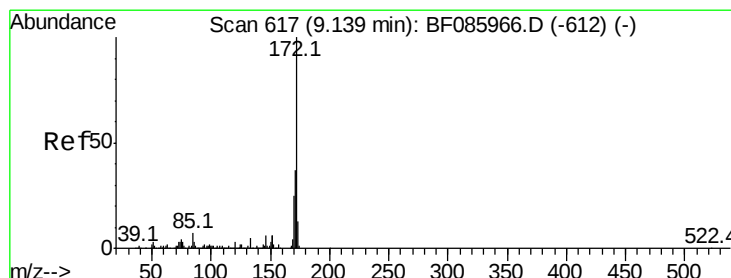
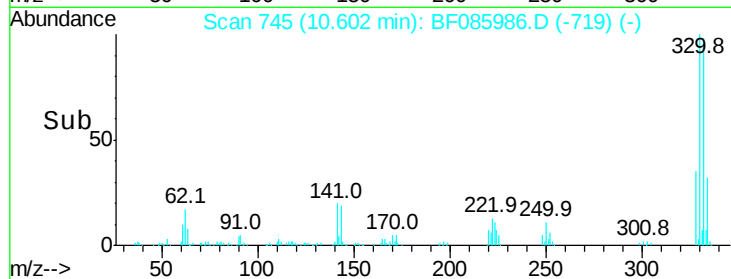
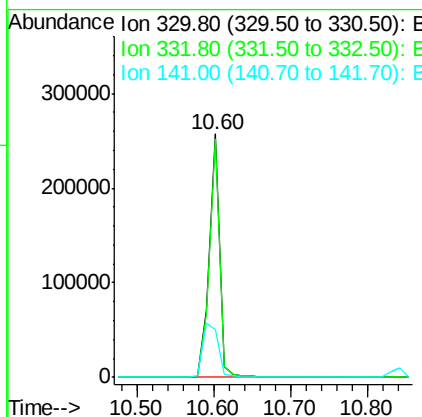
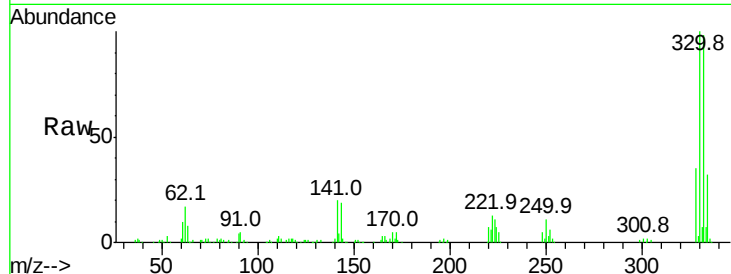




#41
 2,4,6-Tribromophenol
 Concen: 133.08 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF085986.D
 Acq: 2 Apr 2016 3:04

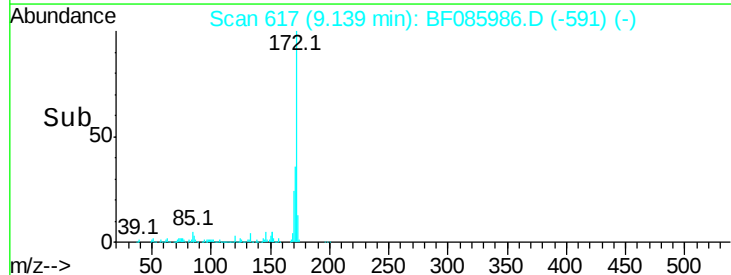
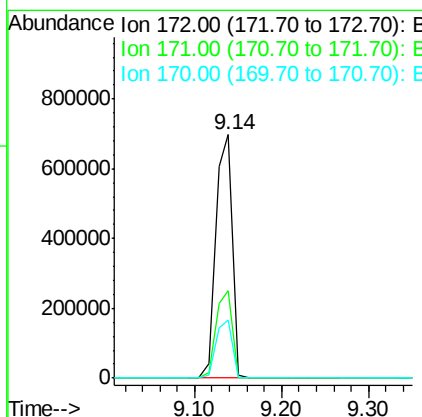
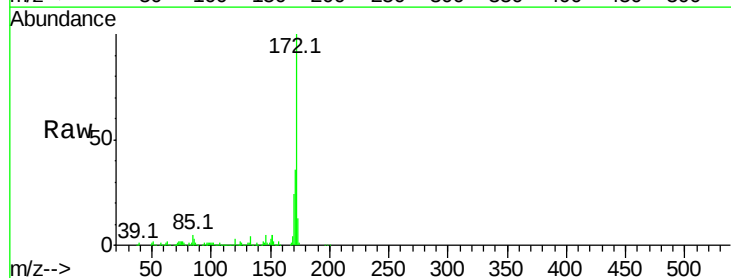
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 LOD-WATER2016-01

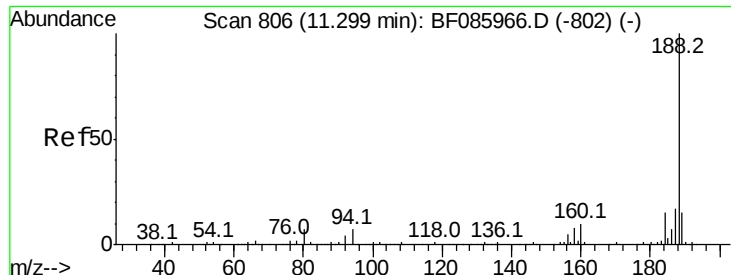
Tot Ion:330 Resp: 239903
 Ion Ratio Lower Upper
 330 100
 332 97.2 78.2 117.2
 141 33.4 31.5 47.3



#44
 2-Fluorobiphenyl
 Concen: 80.72 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF085986.D
 Acq: 2 Apr 2016 3:04

Tgt Ion:172 Resp: 932486
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.2
 170 24.1 19.8 29.6

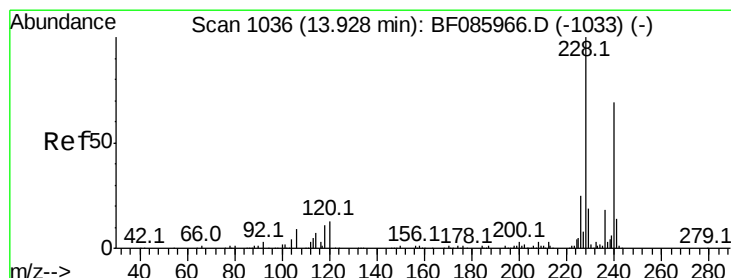
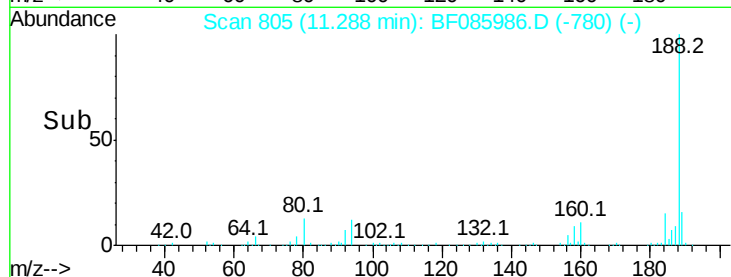
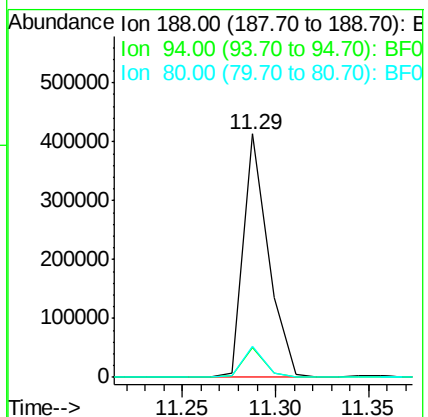
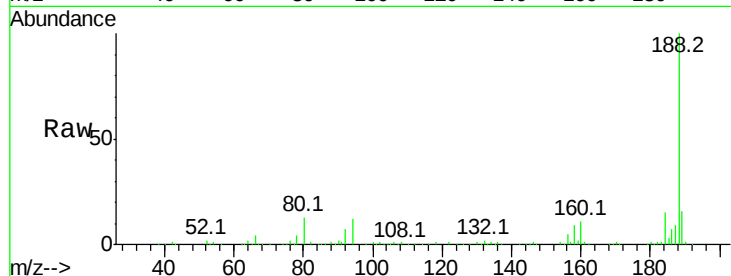




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF085986.D
Acq: 2 Apr 2016 3:04

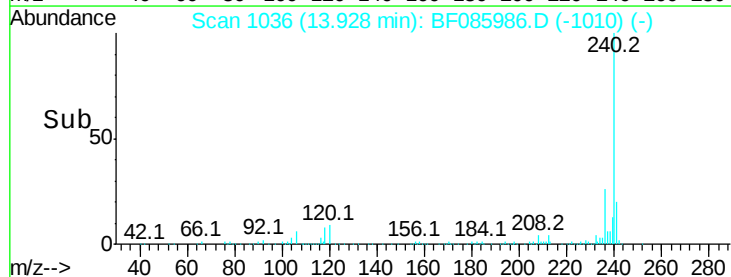
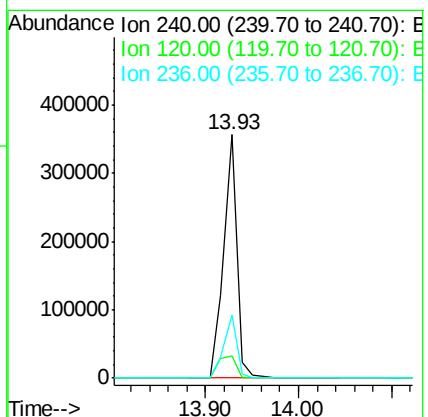
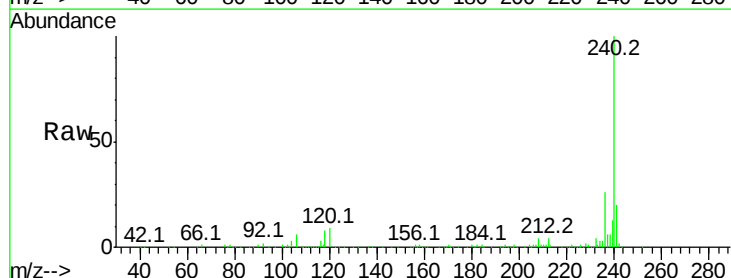
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BNA_F
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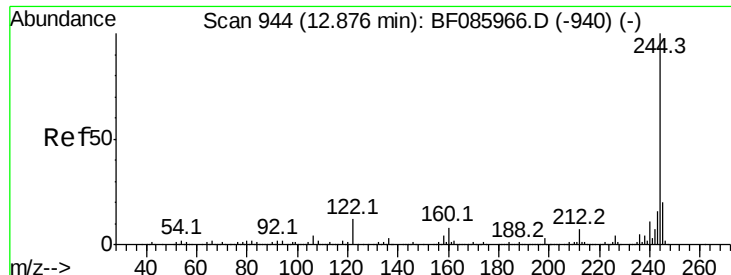
Tot Ion:188 Resp: 385876
Ion Ratio Lower Upper
188 100
94 12.1 5.4 8.0#
80 12.7 5.5 8.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF085986.D
Acq: 2 Apr 2016 3:04

Tgt Ion:240 Resp: 349537
Ion Ratio Lower Upper
240 100
120 9.2 13.8 20.8#
236 26.2 20.6 30.8





#78

Terphenyl-d14

Concen: 67.82 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

Instrument :

BNA_F

ClientSampleId :

LOD-WATER2016-01

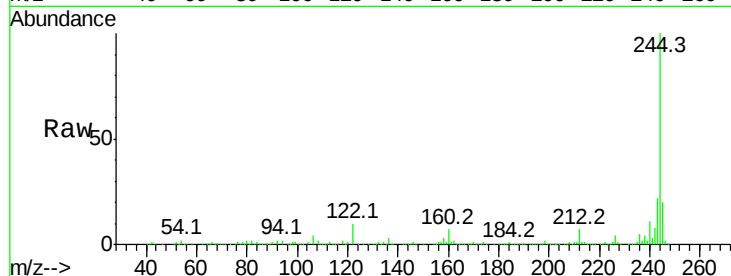
Tot Ion:244 Resp: 1008516

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

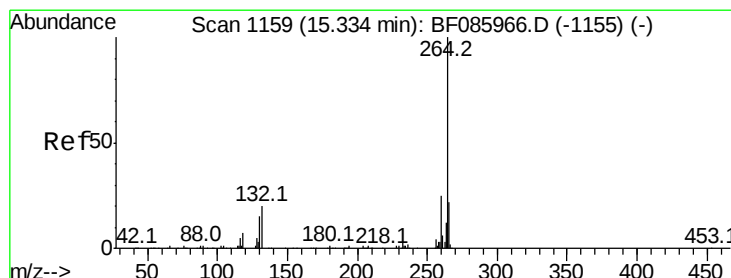
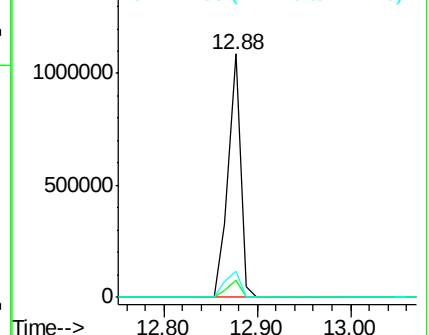
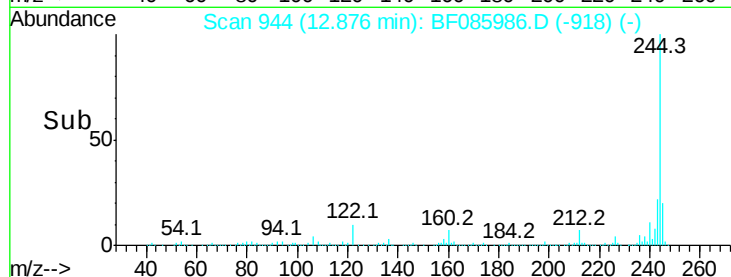
122 10.5 10.2 15.4



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: 15.33 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF085986.D

Acq: 2 Apr 2016 3:04

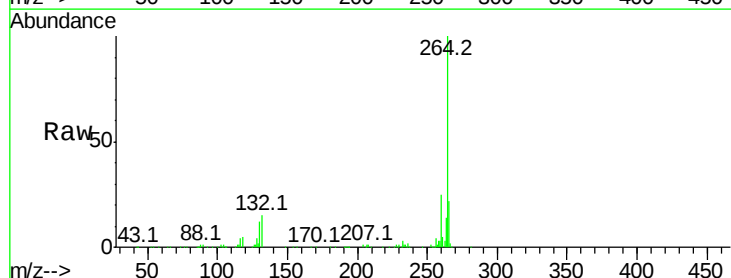
Tgt Ion:264 Resp: 290703

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.2

265 21.8 17.2 25.8



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

