

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
 Data File : BF087148.D
 Acq On : 18 May 2016 17:22
 Operator : UM/SJ
 Sample : H3136-02DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATERDL

Quant Time: May 18 18:09:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 17:13:00 2016
 Response via : Initial Calibration

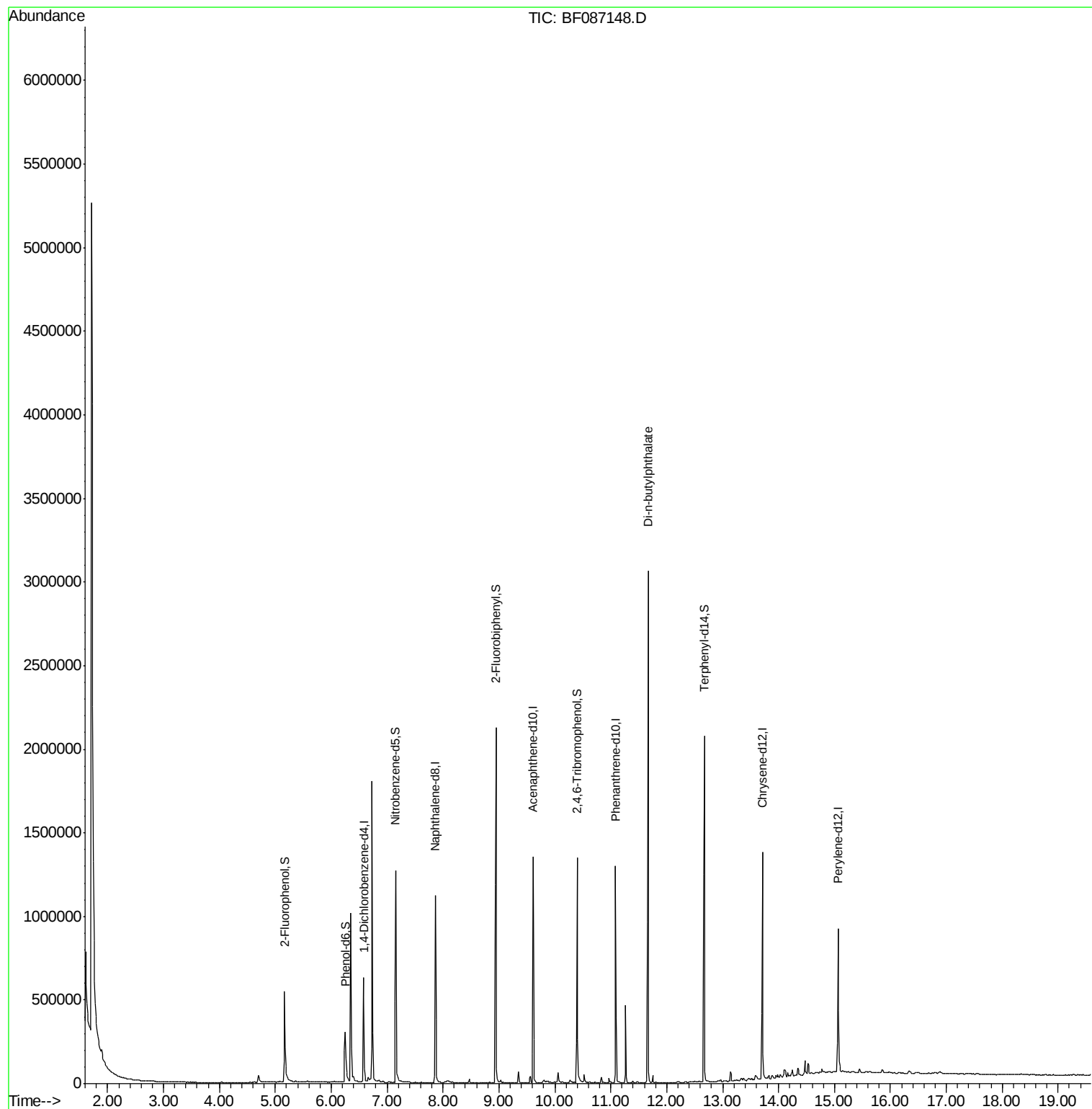
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	124817	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	513657	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	247279	20.00	ng	-0.01
63) Phenanthrene-d10	11.08	188	470924	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	449251	20.00	ng	-0.01
86) Perylene-d12	15.06	264	366001	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	201488	27.13	ng	0.00
7) Phenol-d6	6.25	99	173002	17.37	ng	0.00
23) Nitrobenzene-d5	7.15	82	452601	43.91	ng	0.00
41) 2,4,6-Tribromophenol	10.40	330	148846	54.47	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	787622	52.75	ng	0.00
78) Terphenyl-d14	12.67	244	754599	38.00	ng	0.00
Target Compounds						Qvalue
73) Di-n-butylphthalate	11.67	149	1451635	53.55	ng	99

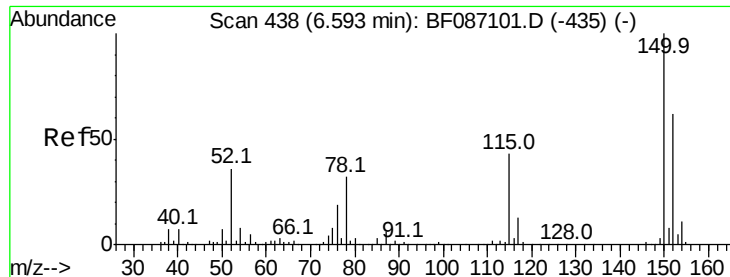
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF087148.D

Acq: 18 May 2016 17:22

Instrument :

BNA_F

ClientSampleId :

GROUNDWATERDL

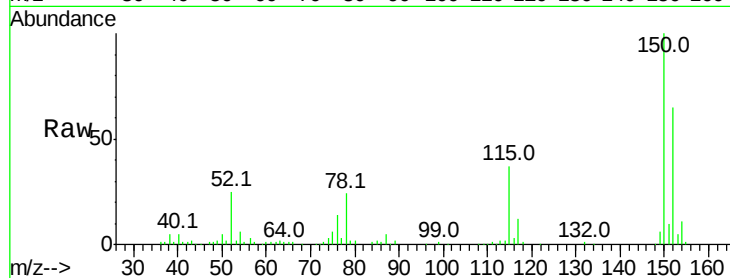
Tot Ion:152 Resp: 124817

Ion Ratio Lower Upper

152 100

150 154.2 125.8 188.6

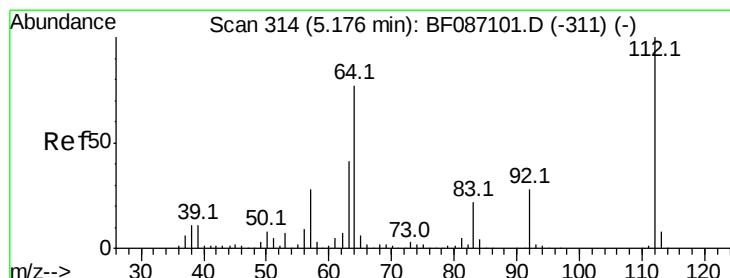
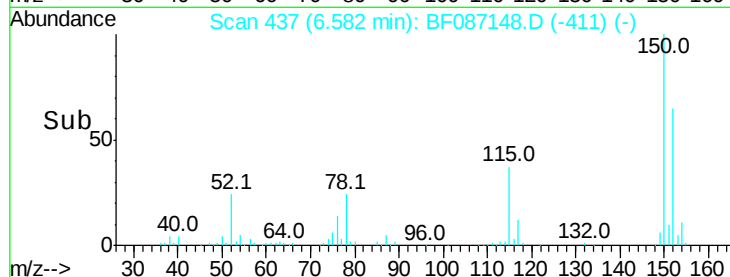
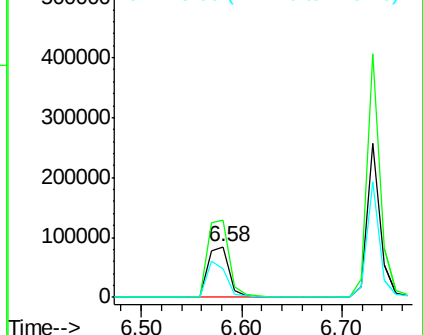
115 57.7 51.5 77.3



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: 27.13 ng

RT: 5.16 min Scan# 313

Delta R.T. 0.00 min

Lab File: BF087148.D

Acq: 18 May 2016 17:22

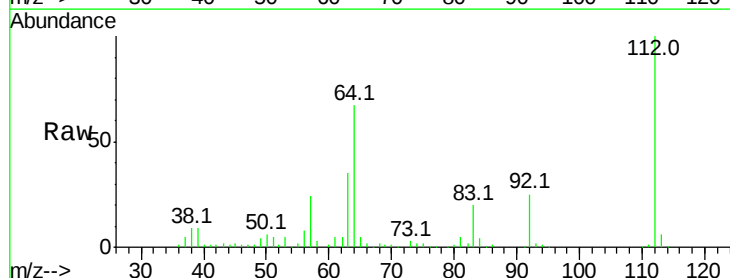
Tgt Ion:112 Resp: 201488

Ion Ratio Lower Upper

112 100

64 67.3 52.1 78.1

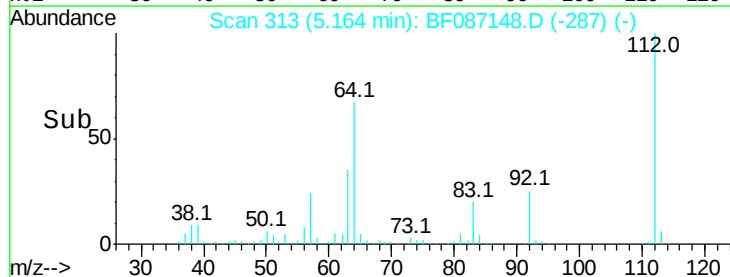
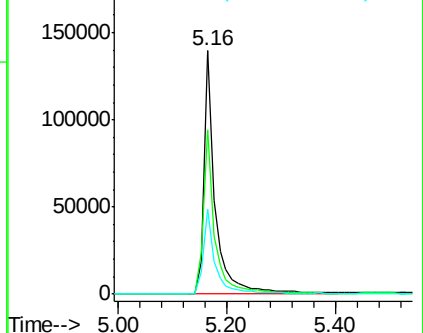
63 35.1 25.7 38.5

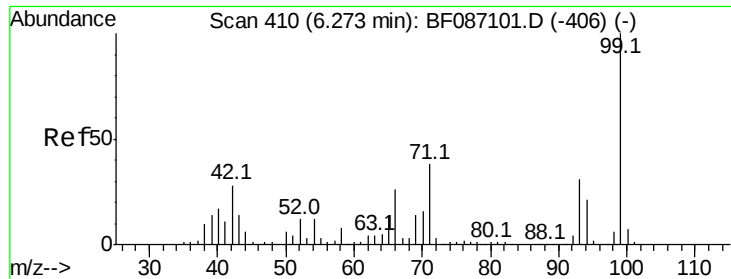


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 17.37 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF087148.D

Acq: 18 May 2016 17:22

Instrument :

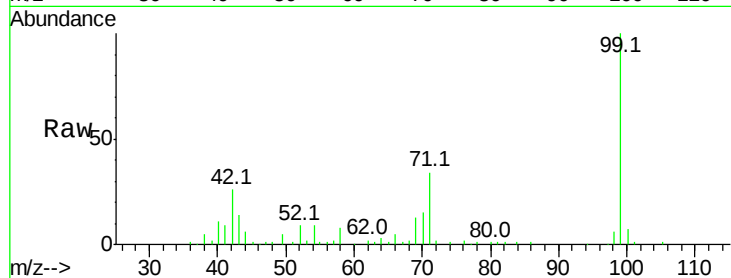
BNA_F

ClientSampleId :

GROUNDWATERDL

Tot Ion: 99 Resp: 173002

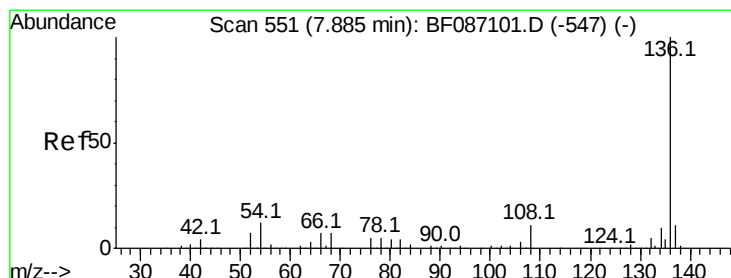
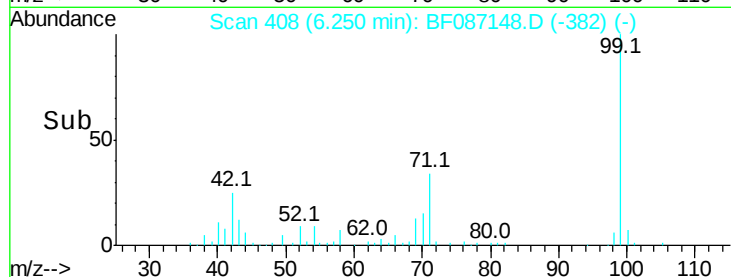
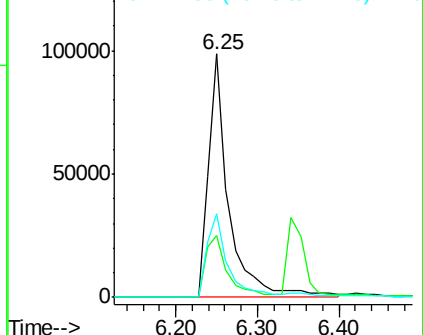
Ion	Ratio	Lower	Upper
99	100		
42	25.6	13.6	20.4#
71	34.4	24.6	36.8



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: 7.86 min Scan# 549

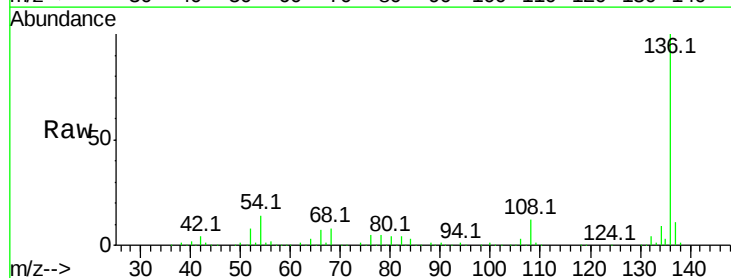
Delta R.T. -0.01 min

Lab File: BF087148.D

Acq: 18 May 2016 17:22

Tgt Ion: 136 Resp: 513657

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	14.2	5.0	7.4#
68	7.5	4.4	6.6#

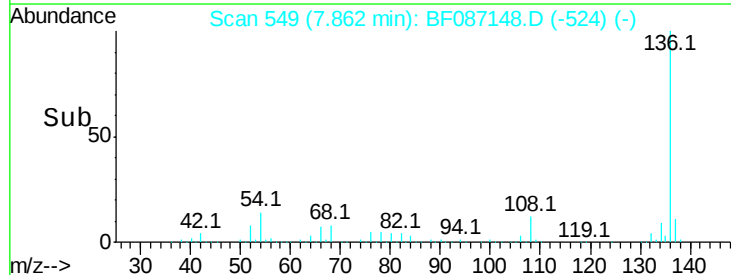
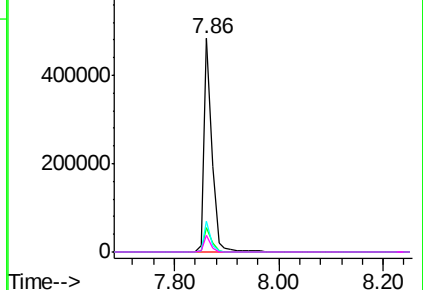


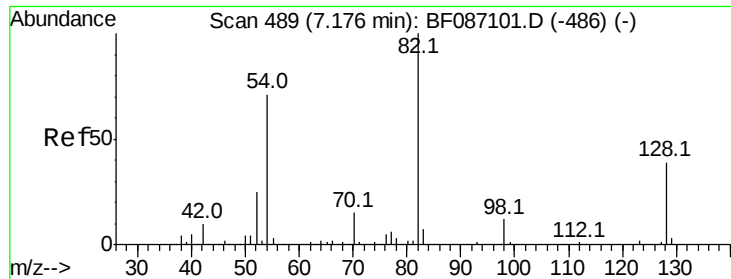
Abundance Ion 136.00 (135.70 to 136.70): E

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

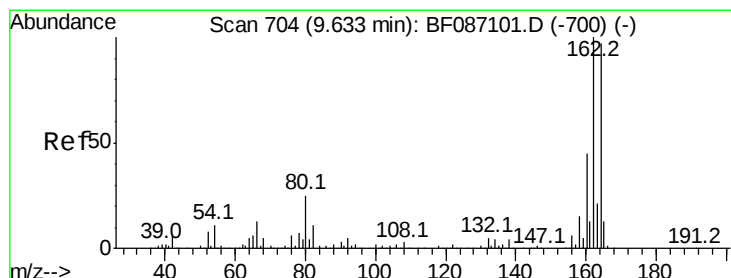
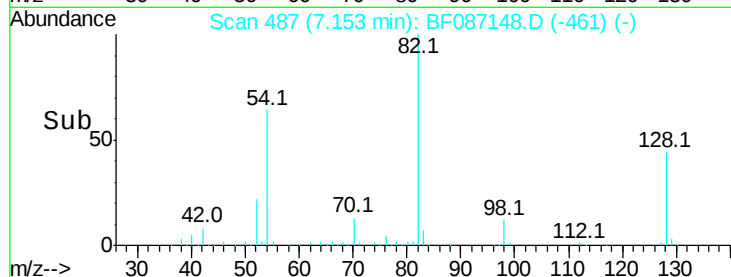
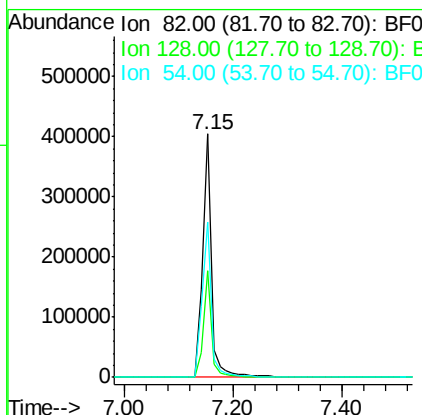
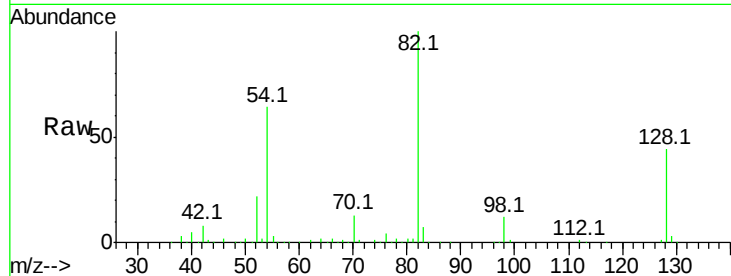




#23
 Nitrobenzene-d5
 Concen: 43.91 ng
 RT: 7.15 min Scan# 487
 Delta R.T. 0.00 min
 Lab File: BF087148.D
 Acq: 18 May 2016 17:22

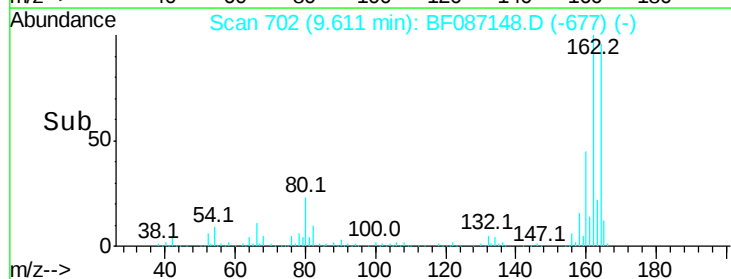
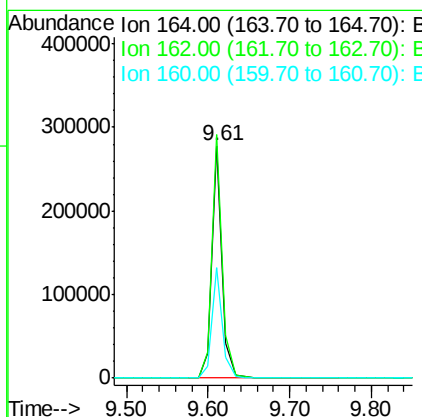
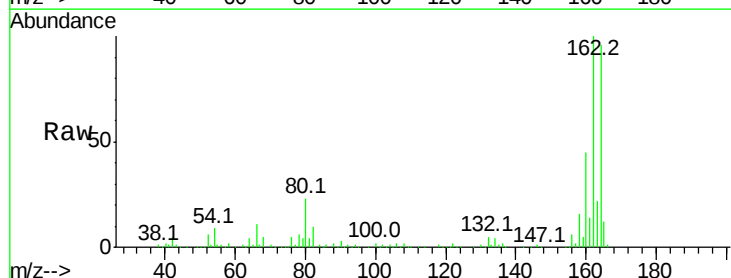
Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATERDL

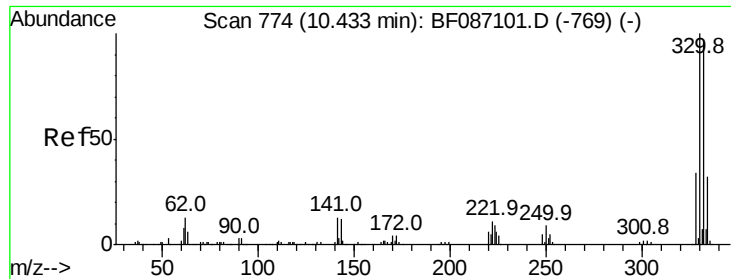
Tot Ion: 82 Resp: 452601
 Ion Ratio Lower Upper
 82 100
 128 44.0 40.6 61.0
 54 63.8 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: BF087148.D
 Acq: 18 May 2016 17:22

Tgt Ion: 164 Resp: 247279
 Ion Ratio Lower Upper
 164 100
 162 104.6 82.8 124.2
 160 47.2 36.9 55.3

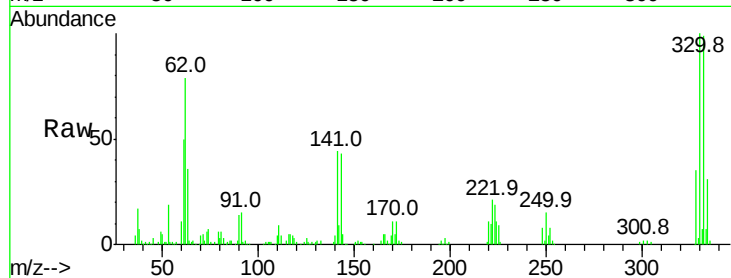




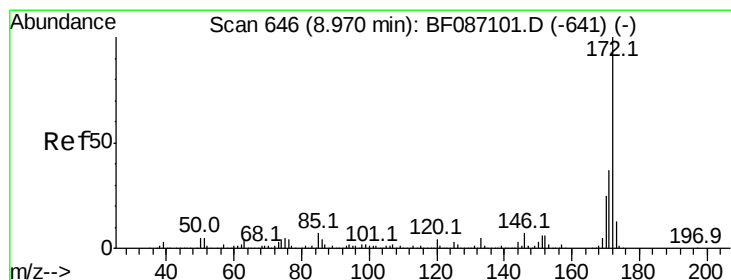
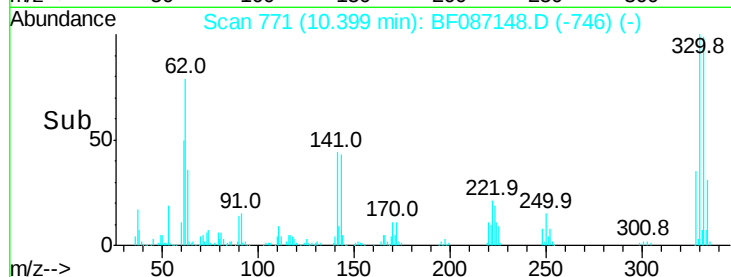
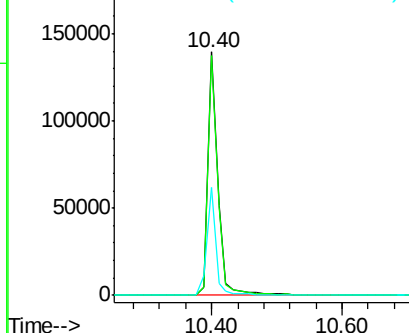
#41
 2,4,6-Tribromophenol
 Concen: 54.47 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF087148.D
 Acq: 18 May 2016 17:22

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATERDL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	79.0	118.4
141	39.9	31.2	46.8

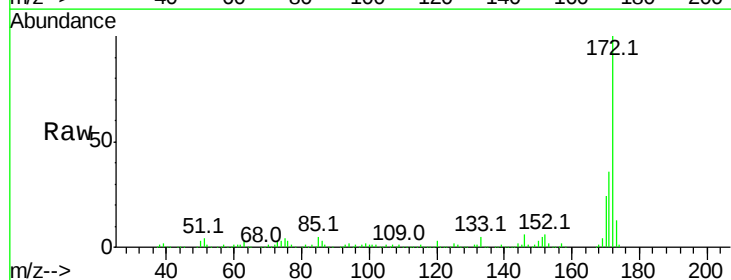


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

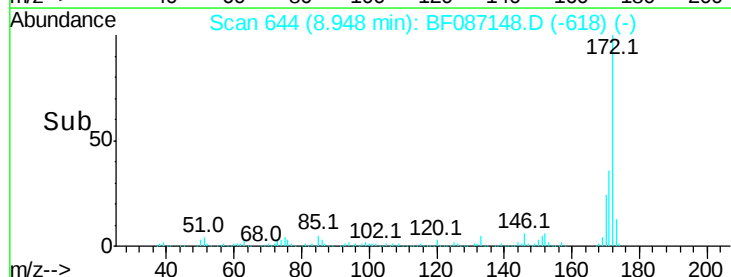
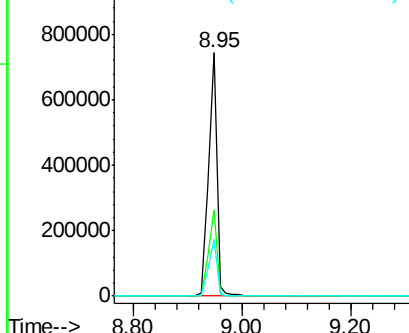


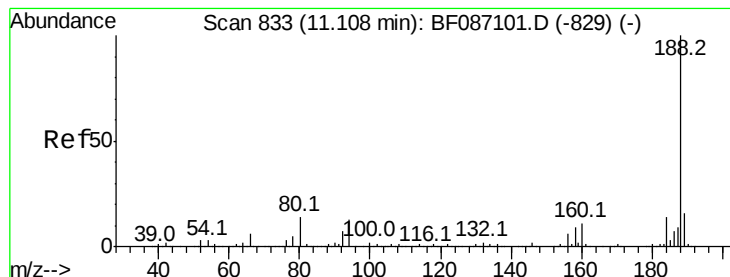
#44
 2-Fluorobiphenyl
 Concen: 52.75 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF087148.D
 Acq: 18 May 2016 17:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.6
170	23.6	19.8	29.8



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF087148.D

Acq: 18 May 2016 17:22

Instrument :

BNA_F

ClientSampleId :

GROUNDWATERDL

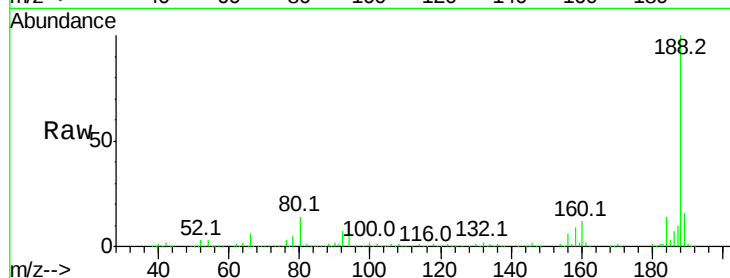
Tot Ion:188 Resp: 470924

Ion Ratio Lower Upper

188 100

94 12.4 6.8 10.2#

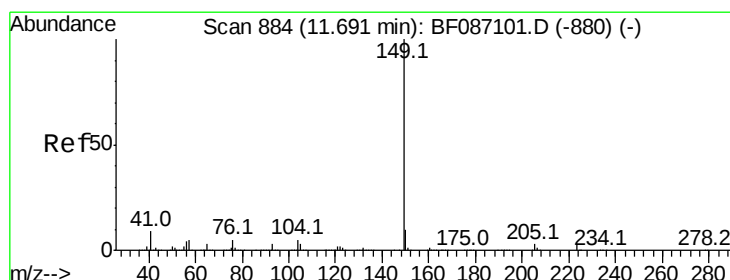
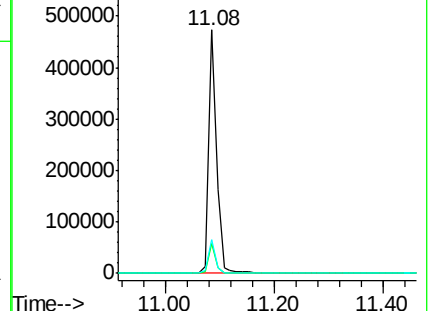
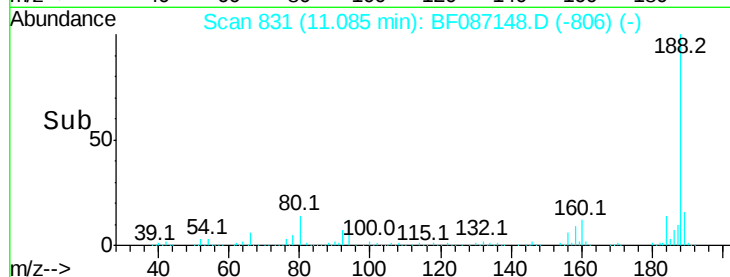
80 13.8 7.1 10.7#



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



#73

Di-n-butylphthalate

Concen: 53.55 ng

RT: 11.67 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF087148.D

Acq: 18 May 2016 17:22

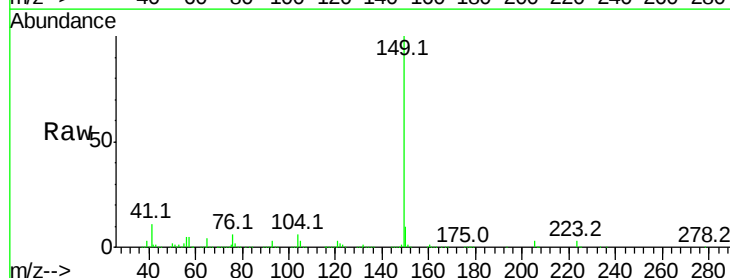
Tgt Ion:149 Resp: 1451635

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

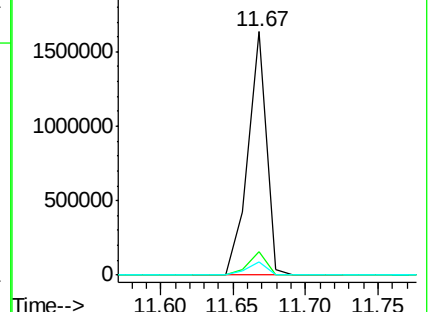
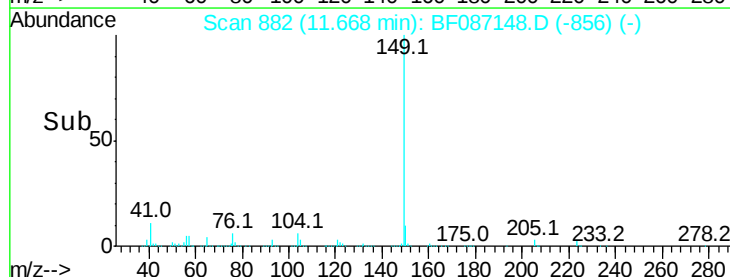
104 5.6 3.8 5.6

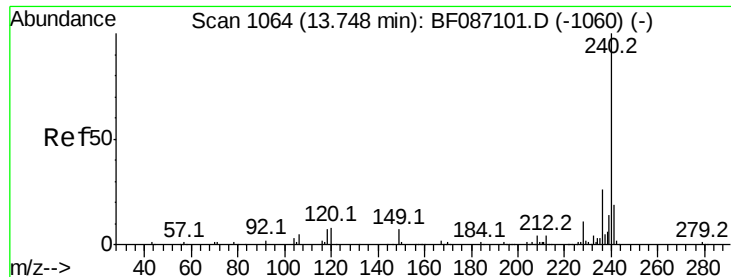


Abundance Ion 149.00 (148.70 to 149.70): E

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: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF087148.D

Acq: 18 May 2016 17:22

Instrument :

BNA_F

ClientSampleId :

GROUNDWATERDL

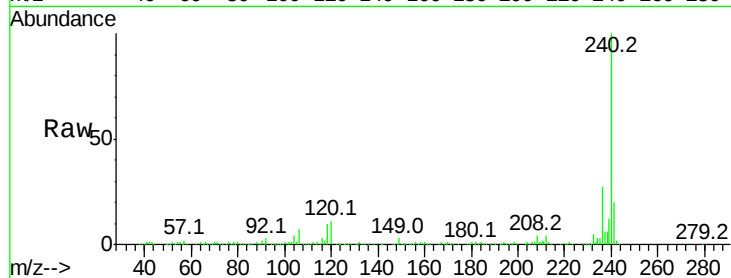
Tot Ion:240 Resp: 449251

Ion Ratio Lower Upper

240 100

120 10.7 11.2 16.8#

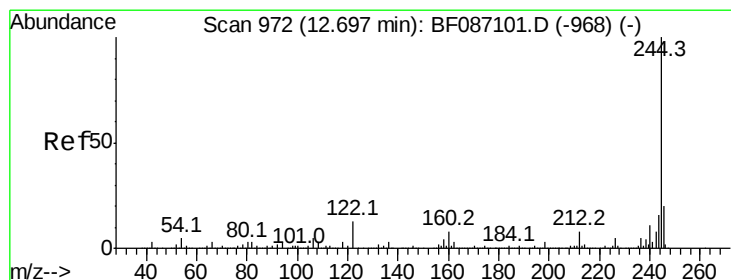
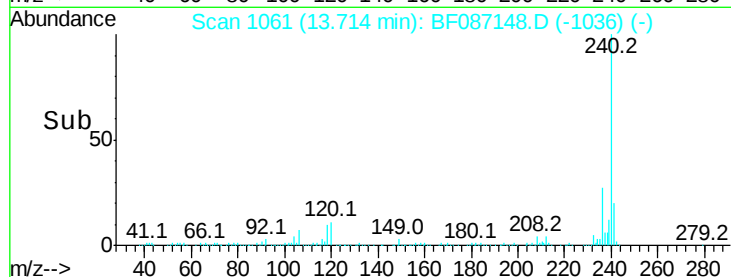
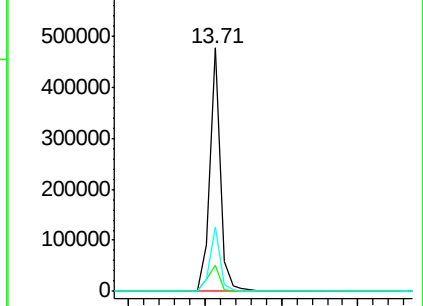
236 26.5 21.2 31.8



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: 38.00 ng

RT: 12.67 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF087148.D

Acq: 18 May 2016 17:22

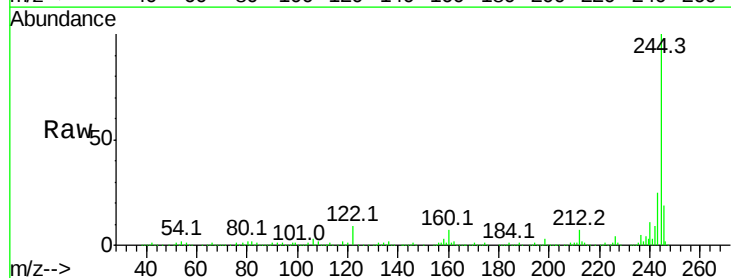
Tgt Ion:244 Resp: 754599

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

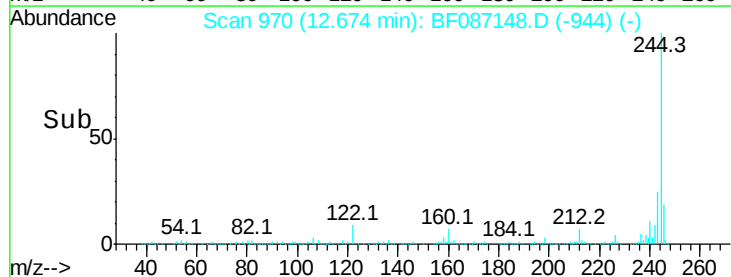
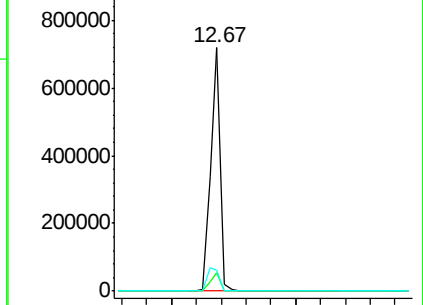
122 8.7 12.0 18.0#

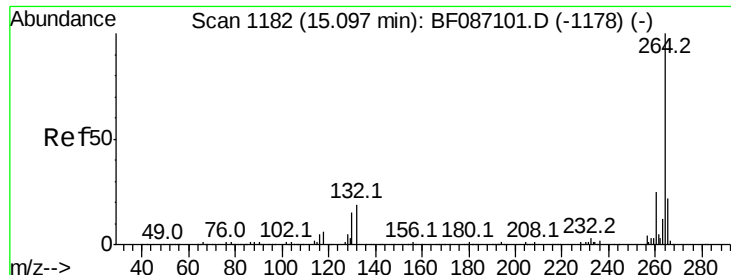


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

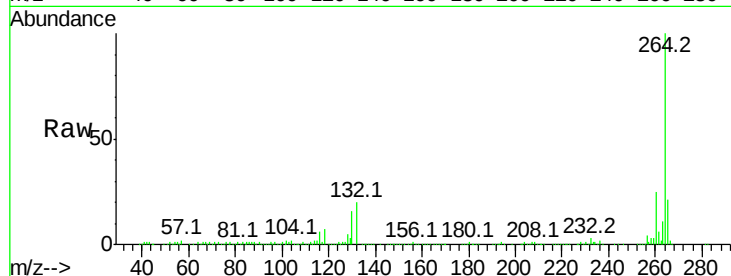




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF087148.D
 Acq: 18 May 2016 17:22

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATERDL

Tot Ion: 264 Resp: 366001
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 21.5 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

