

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
 Data File : BF109156.D
 Acq On : 19 Sep 2018 20:57
 Operator : JU/SJ
 Sample : J4979-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUND-WATER

Quant Time: Sep 20 05:29:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	144893	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	519700	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	218784	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	370720	20.00	ng	0.00
75) Chrysene-d12	13.85	240	368807	20.00	ng	0.00
86) Perylene-d12	15.26	264	341315	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	631090	72.34	ng	0.01
7) Phenol-d6	6.36	99	729787	64.88	ng	0.00
23) Nitrobenzene-d5	7.28	82	600008	64.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	171440	72.20	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1083892	77.62	ng	0.00
78) Terphenyl-d14	12.81	244	941324	60.50	ng	0.00

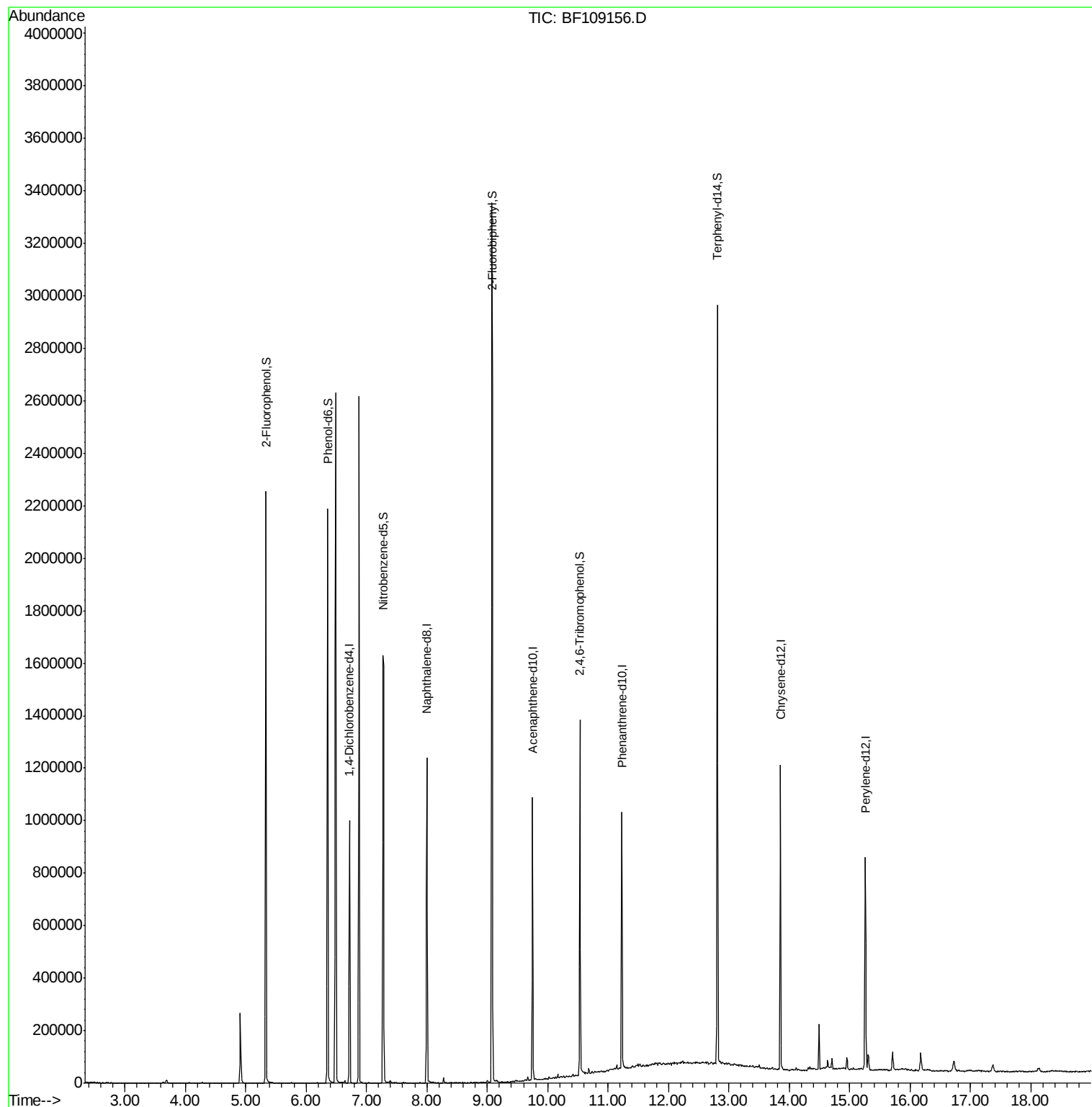
Target Compounds Qvalue

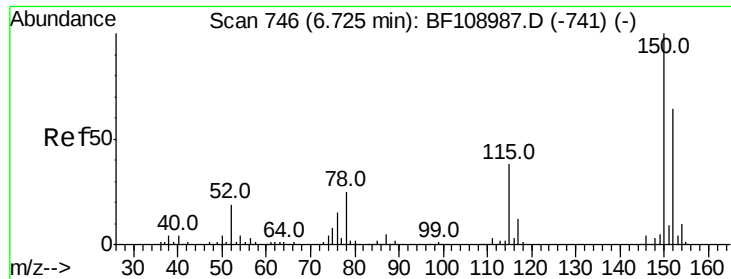
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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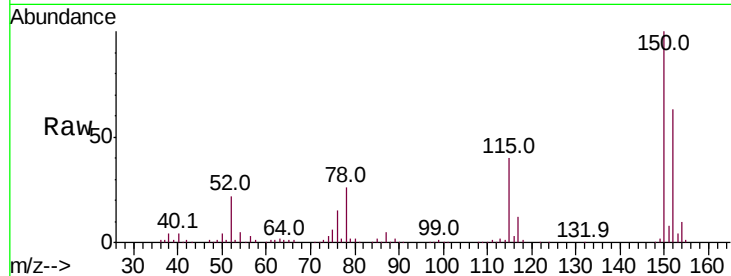


#1

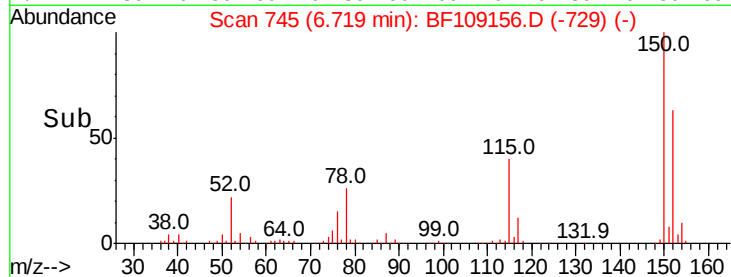
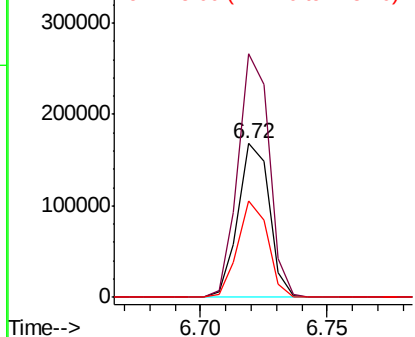
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109156.D
 Acq: 19 Sep 2018 20:57

Instrument :
 BNA_F
 ClientSampleId :
 GROUND-WATER

Tot Ion:152 Resp: 144893
 Ion Ratio Lower Upper
 152 100
 150 158.3 124.6 186.8
 115 62.7 50.1 75.1



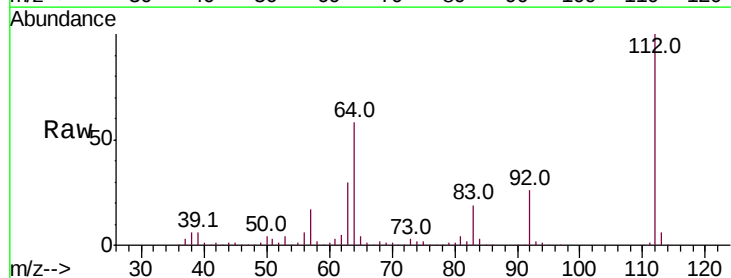
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



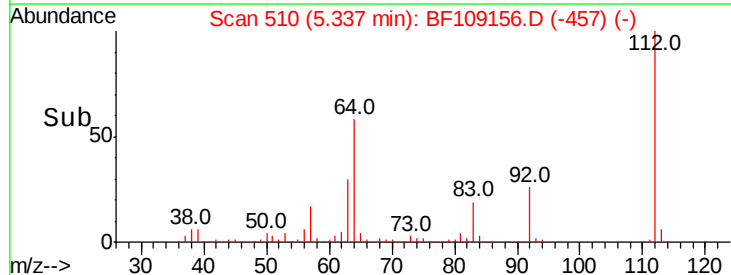
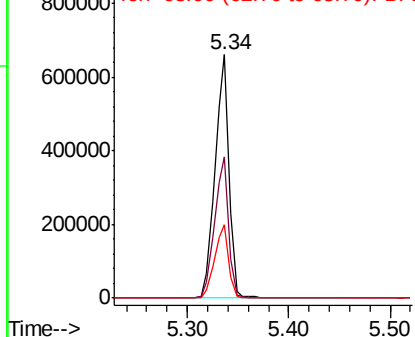
#5

2-Fluorophenol
 Concen: 72.341 ng
 RT: 5.34 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: BF109156.D
 Acq: 19 Sep 2018 20:57

Tgt Ion:112 Resp: 631090
 Ion Ratio Lower Upper
 112 100
 64 57.9 47.9 71.9
 63 29.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 64.876 ng

RT: 6.36 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF109156.D

Acq: 19 Sep 2018 20:57

Instrument :

BNA_F

ClientSampleId :

GROUND-WATER

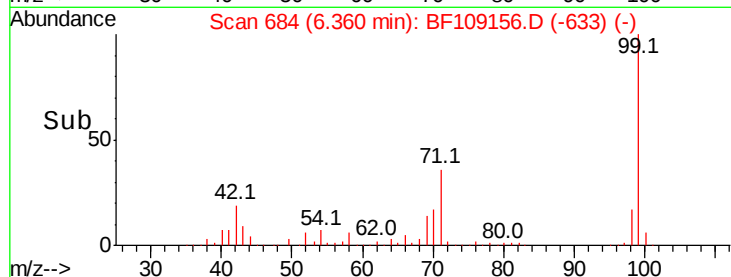
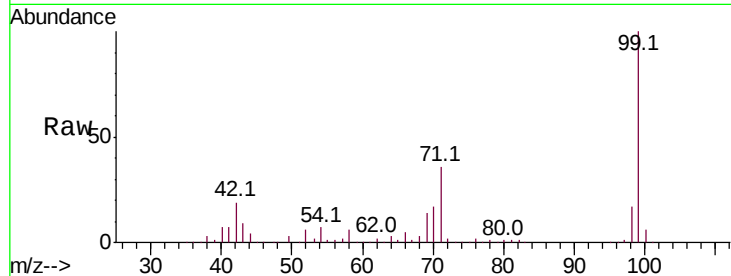
Tot Ion: 99 Resp: 729787

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

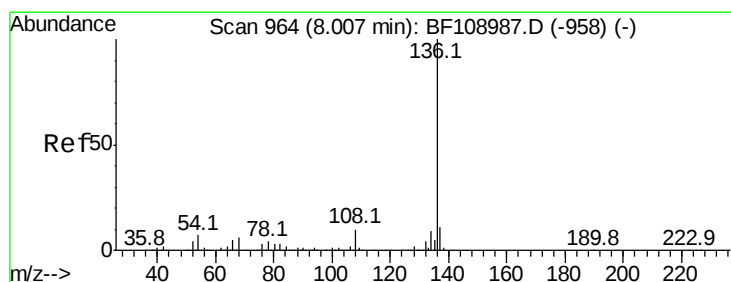
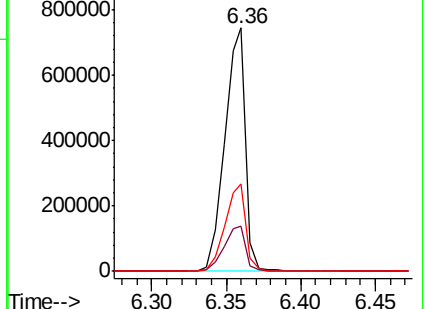
71 36.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109156.D

Acq: 19 Sep 2018 20:57

Tgt Ion: 136 Resp: 519700

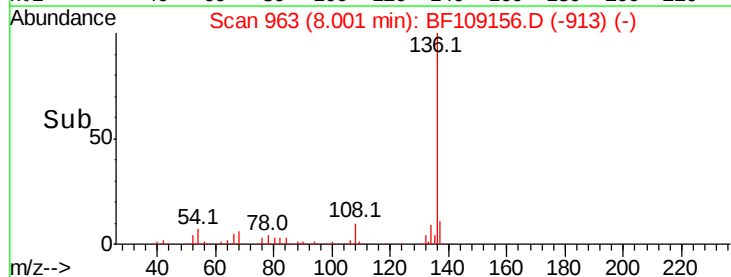
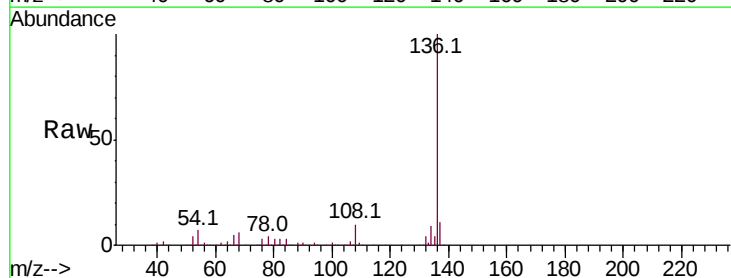
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.9 6.6 9.8

68 5.8 5.0 7.4

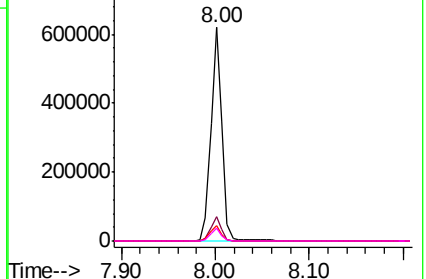


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

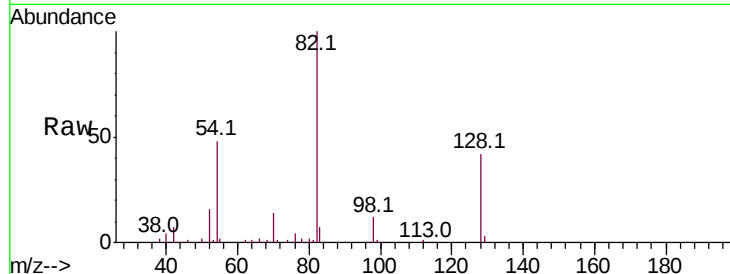




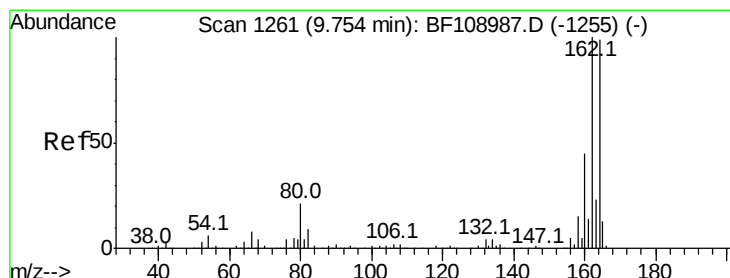
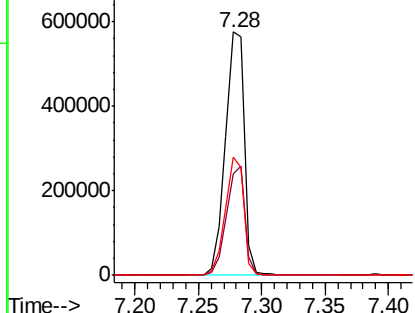
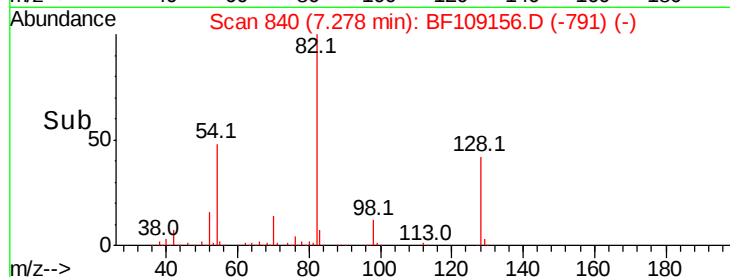
#23
 Nitrobenzene-d5
 Concen: 64.755 ng
 RT: 7.28 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF109156.D
 Acq: 19 Sep 2018 20:57

Instrument :
 BNA_F
 ClientSampleId :
 GROUND-WATER

Tot Ion: 82 Resp: 600008
 Ion Ratio Lower Upper
 82 100
 128 41.9 36.1 54.1
 54 48.3 41.4 62.2

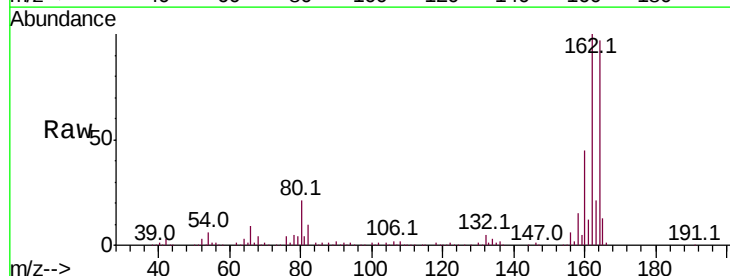


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

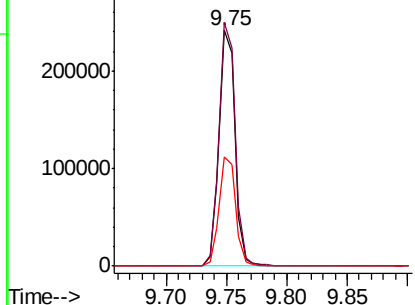
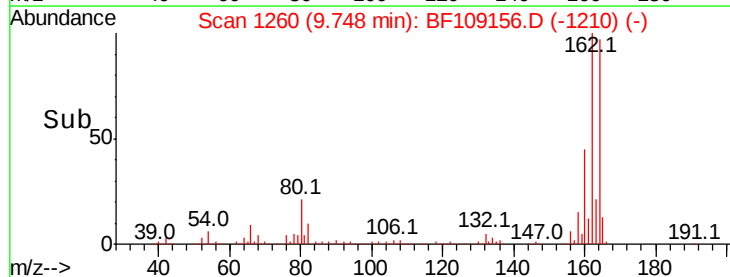


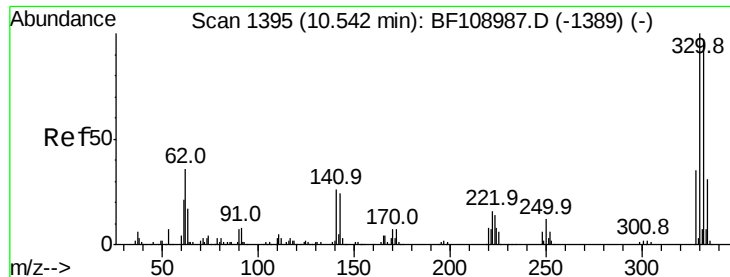
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109156.D
 Acq: 19 Sep 2018 20:57

Tgt Ion:164 Resp: 218784
 Ion Ratio Lower Upper
 164 100
 162 103.4 86.1 129.1
 160 46.6 38.3 57.5



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

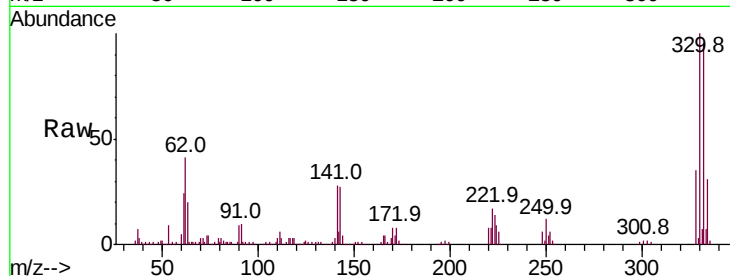




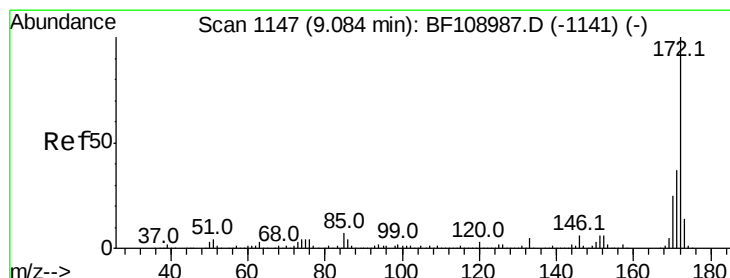
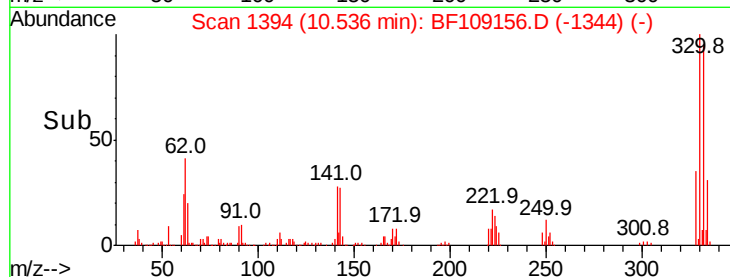
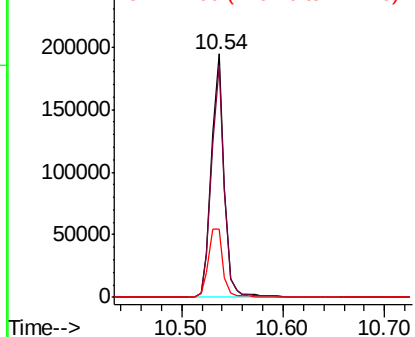
#41
 2,4,6-Tribromophenol
 Concen: 72.204 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109156.D
 Acq: 19 Sep 2018 20:57

Instrument :
 BNA_F
 ClientSampleId :
 GROUND-WATER

Tot Ion:330 Resp: 171440
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 32.0 29.9 44.9

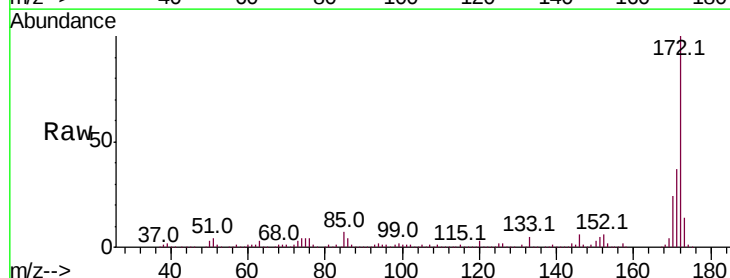


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

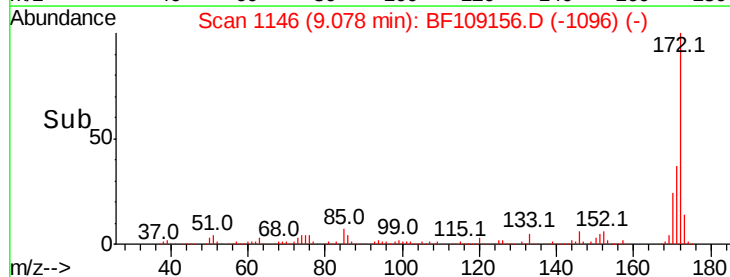
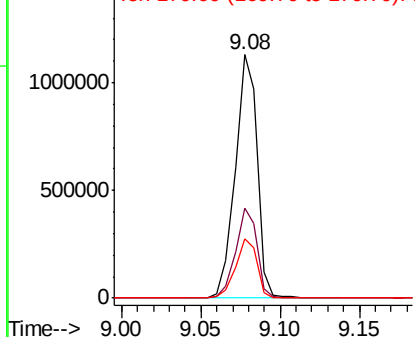


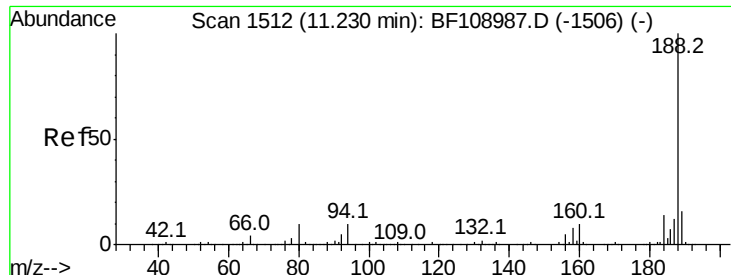
#44
 2-Fluorobiphenyl
 Concen: 77.618 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109156.D
 Acq: 19 Sep 2018 20:57

Tgt Ion:172 Resp: 1083892
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.1 19.6 29.4



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

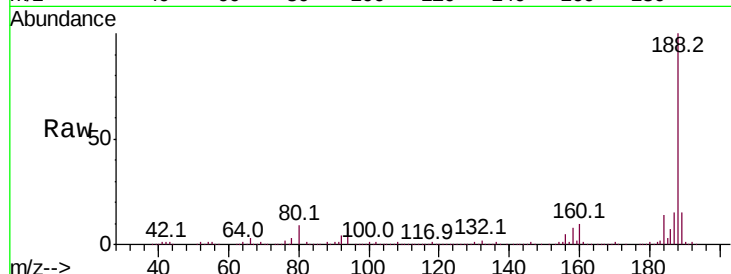




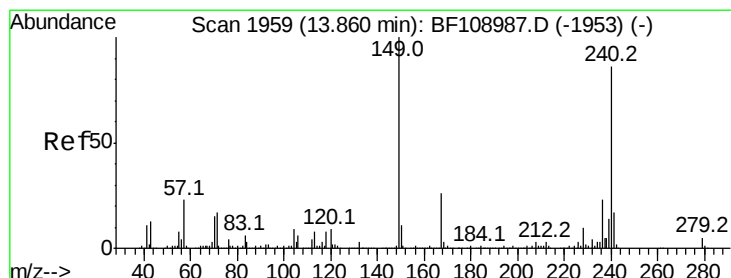
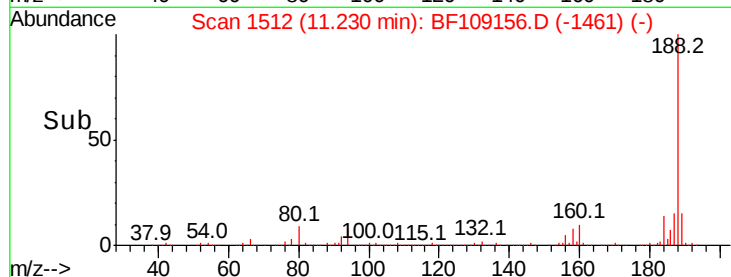
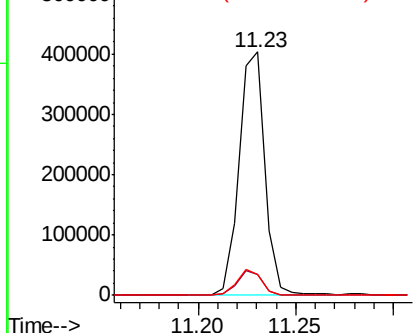
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF109156.D
Acq: 19 Sep 2018 20:57

Instrument :
BNA_F
ClientSampleId :
GROUND-WATER

Tot Ion:188 Resp: 370720
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 8.7 9.2 13.8#

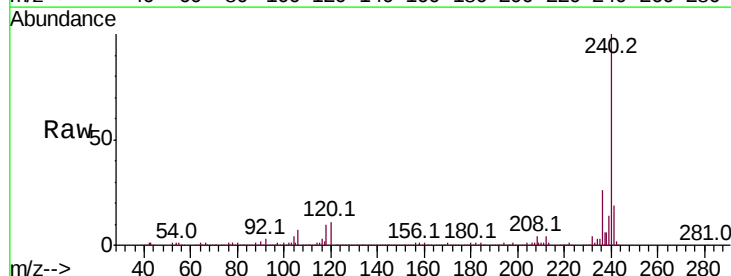


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

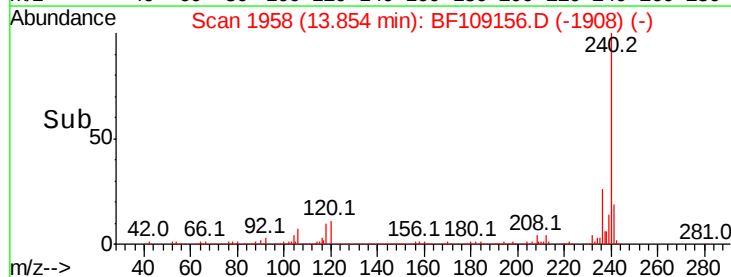
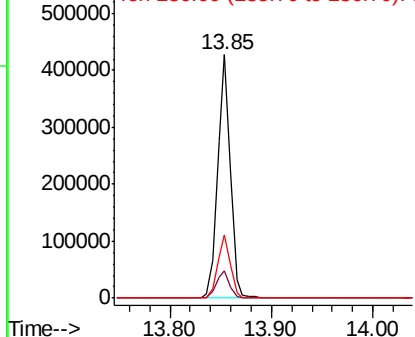


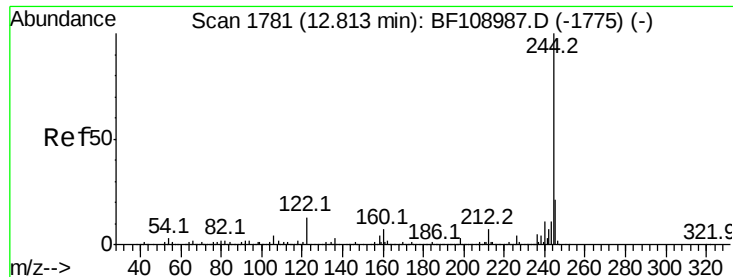
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109156.D
Acq: 19 Sep 2018 20:57

Tgt Ion:240 Resp: 368807
Ion Ratio Lower Upper
240 100
120 11.1 9.5 14.3
236 25.9 20.7 31.1



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: 60.497 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109156.D

Acq: 19 Sep 2018 20:57

Instrument :

BNA_F

ClientSampleId :

GROUND-WATER

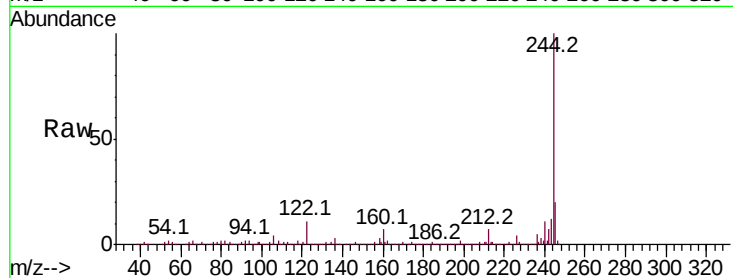
Tot Ion:244 Resp: 941324

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

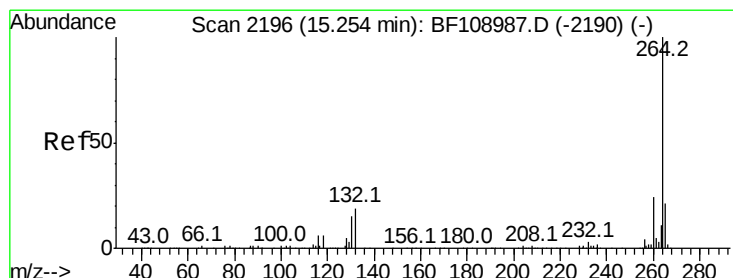
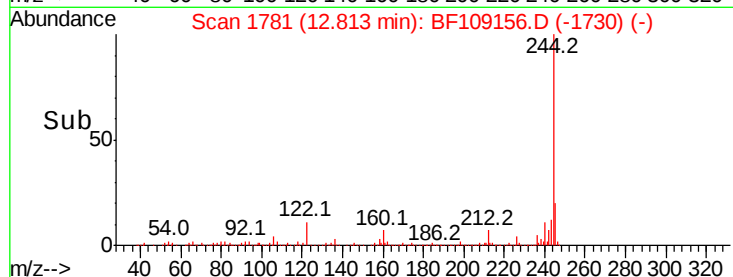
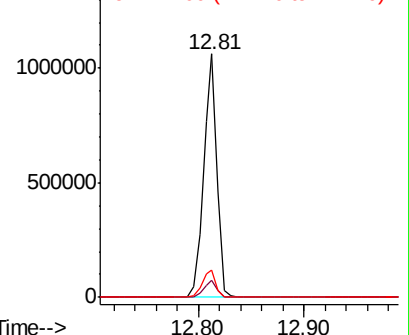
122 11.3 11.0 16.4



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: 20.000 ng

RT: 15.26 min Scan# 2197

Delta R.T. 0.01 min

Lab File: BF109156.D

Acq: 19 Sep 2018 20:57

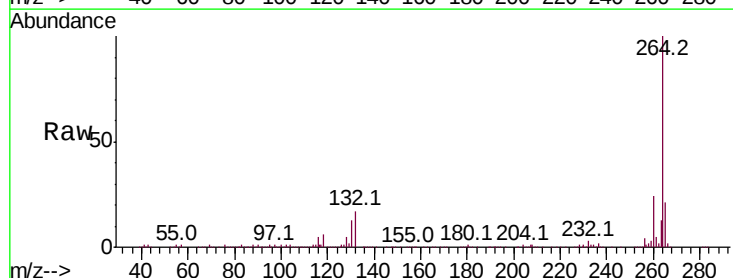
Tgt Ion:264 Resp: 341315

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 20.8 17.5 26.3



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

