

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092018\
 Data File : BF109184.D
 Acq On : 20 Sep 2018 16:25
 Operator : JU/SJ
 Sample : J4979-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUND-WATER

Quant Time: Sep 20 17:29:15 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

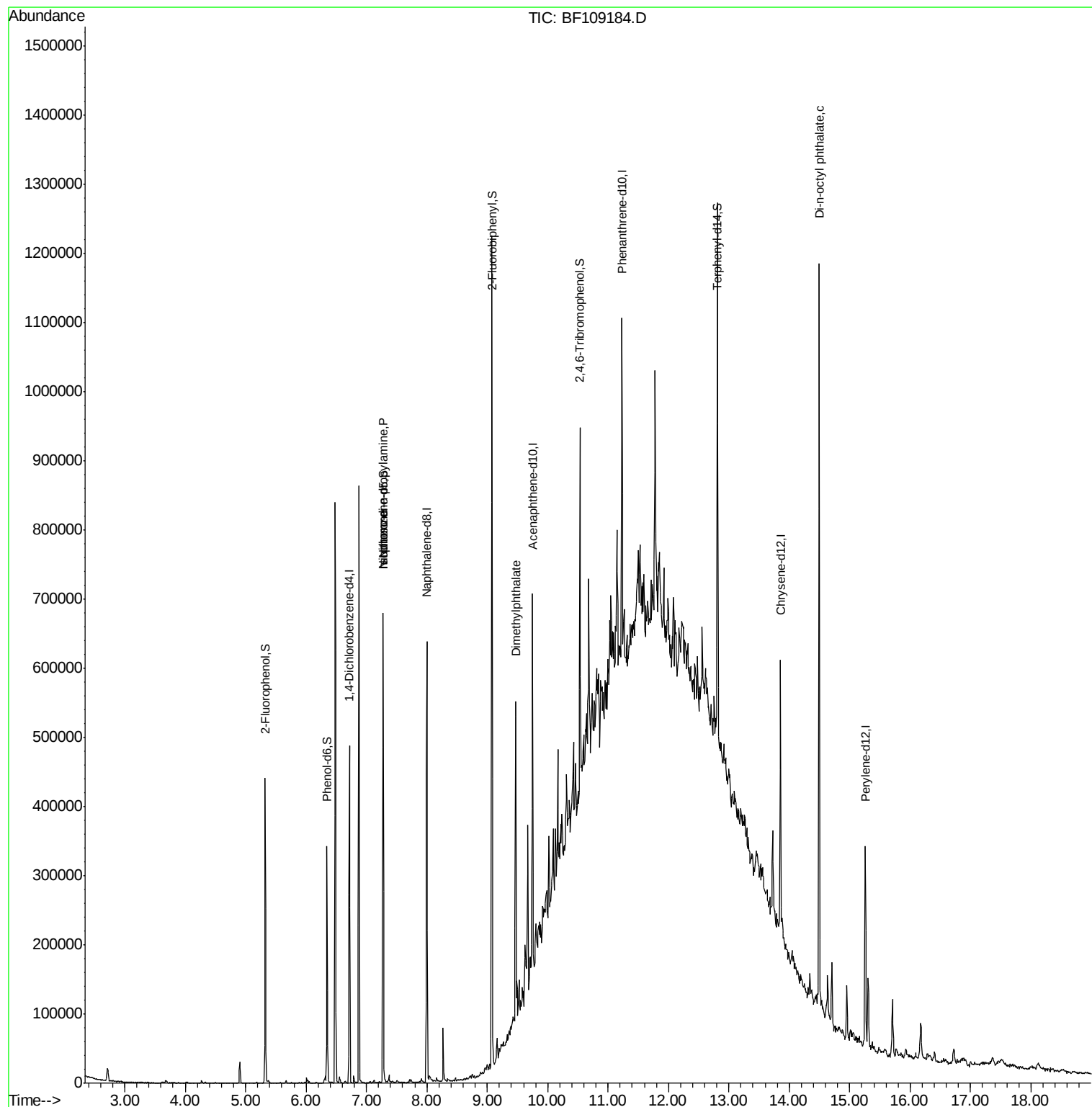
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	57718	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	242900	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	99433	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	163835	20.00	ng	0.00
75) Chrysene-d12	13.85	240	112253	20.00	ng	0.00
86) Perylene-d12	15.26	264	122319	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	104720	30.13	ng	0.00
7) Phenol-d6	6.35	99	94213	21.02	ng	-0.01
23) Nitrobenzene-d5	7.28	82	210130	48.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	60664	56.22	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	317466	50.02	ng	0.00
78) Terphenyl-d14	12.81	244	250647	52.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	29357	9.911	ng	# 80
25) Isophorone	7.28	82	207894	27.927	ng	# 64
49) Dimethylphthalate	9.47	163	153162	21.551	ng	98
84) Di-n-octyl phthalate	14.49	149	83602	10.932	ng	# 35

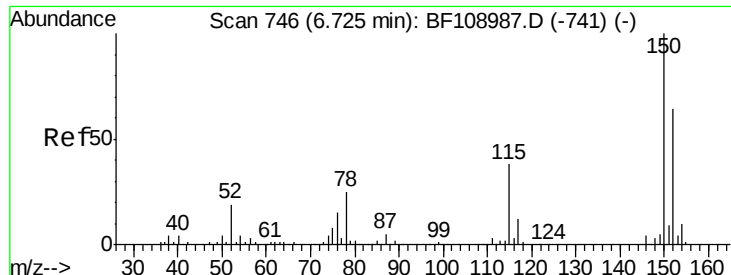
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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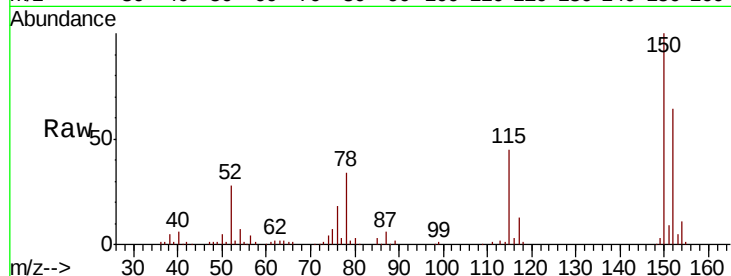




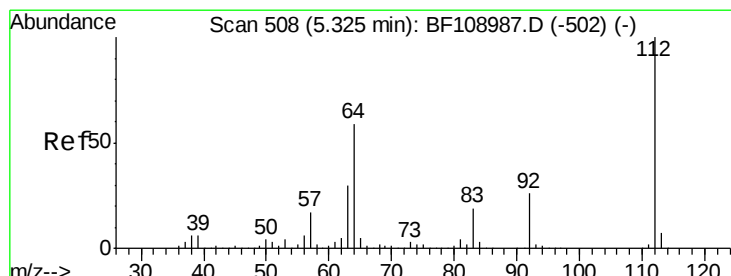
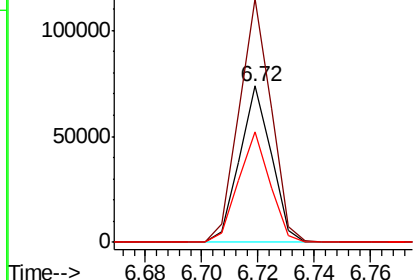
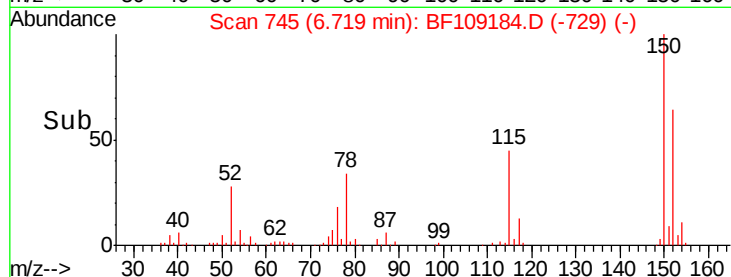
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109184.D
 Acq: 20 Sep 2018 16:25

Instrument :
 BNA_F
 ClientSampleId :
 GROUND-WATER

Tgt Ion:152 Resp: 57718
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.6 186.8
 115 70.6 50.1 75.1

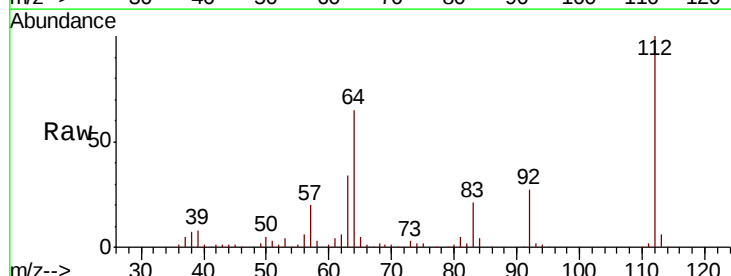


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

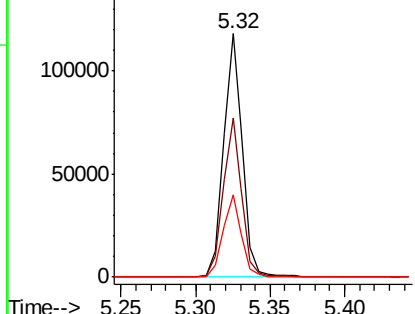
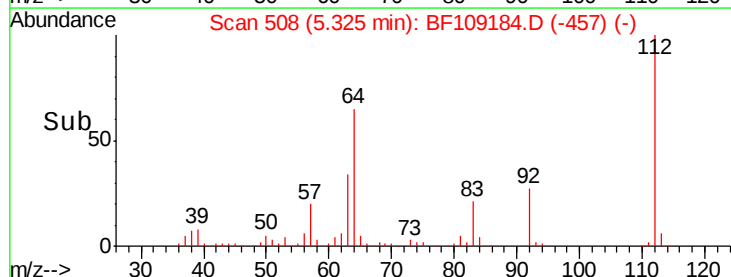


#5
 2-Fluorophenol
 Concen: 30.134 ng
 RT: 5.32 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF109184.D
 Acq: 20 Sep 2018 16:25

Tgt Ion:112 Resp: 104720
 Ion Ratio Lower Upper
 112 100
 64 65.3 47.9 71.9
 63 34.0 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: 21.025 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109184.D

Acq: 20 Sep 2018 16:25

Instrument :

BNA_F

ClientSampleId :

GROUND-WATER

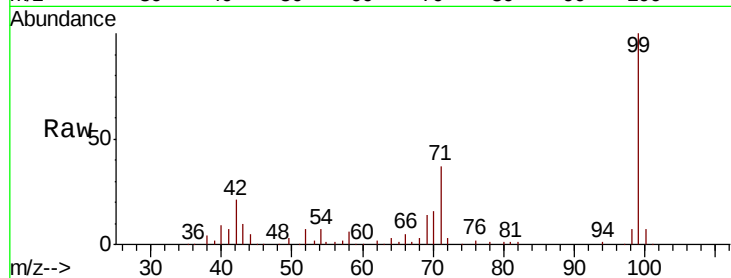
Tgt Ion: 99 Resp: 94213

Ion Ratio Lower Upper

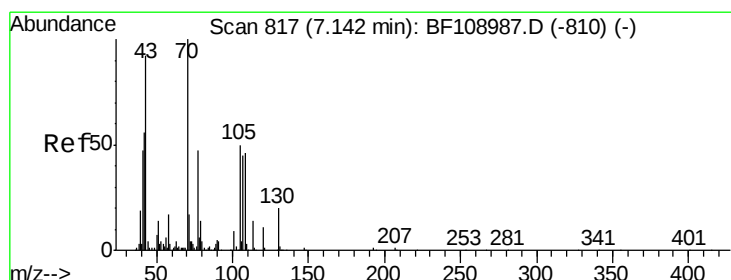
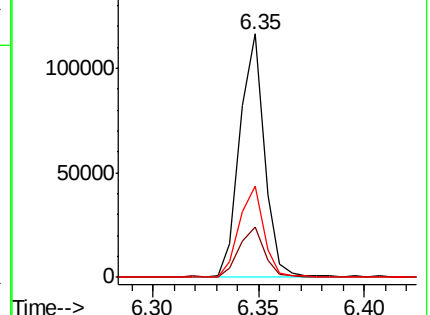
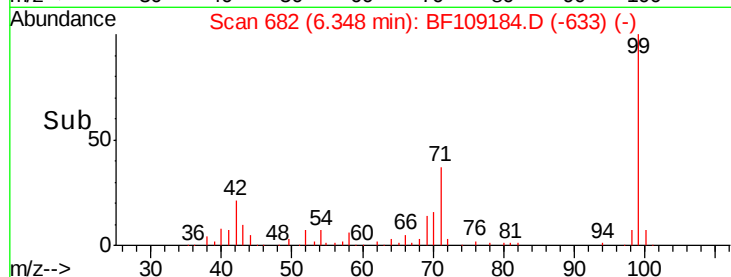
99 100

42 20.9 14.5 21.7

71 37.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 9.911 ng

RT: 7.28 min Scan# 840

Delta R.T. 0.14 min

Lab File: BF109184.D

Acq: 20 Sep 2018 16:25

Tgt Ion: 70 Resp: 29357

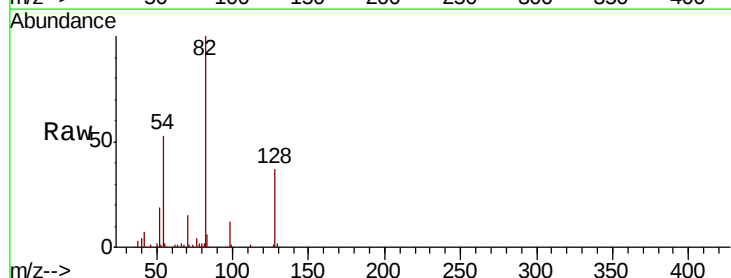
Ion Ratio Lower Upper

70 100

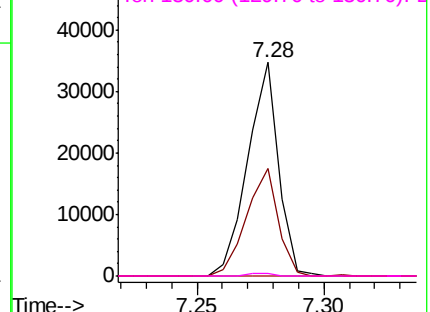
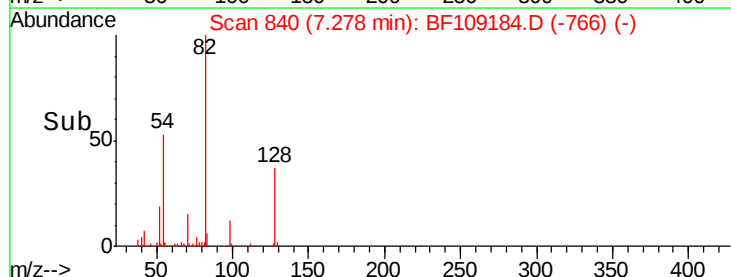
42 50.3 47.5 71.3

101 0.0 7.4 11.2#

130 1.5 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

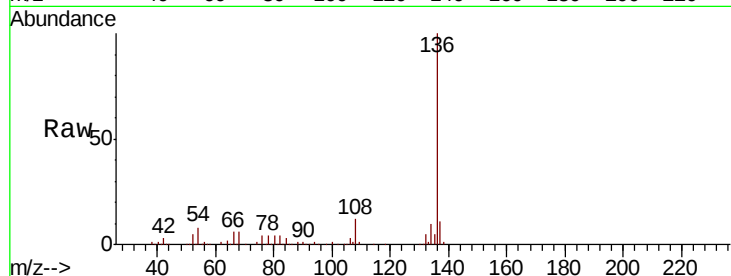




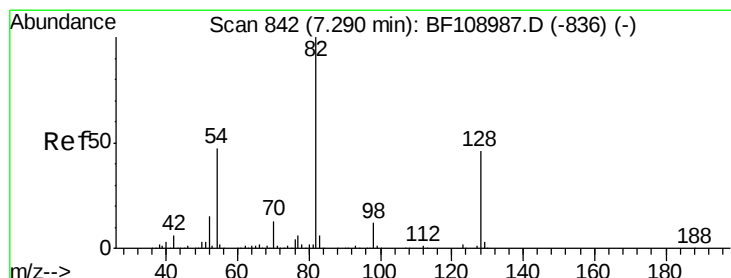
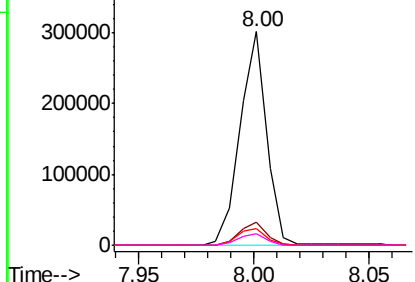
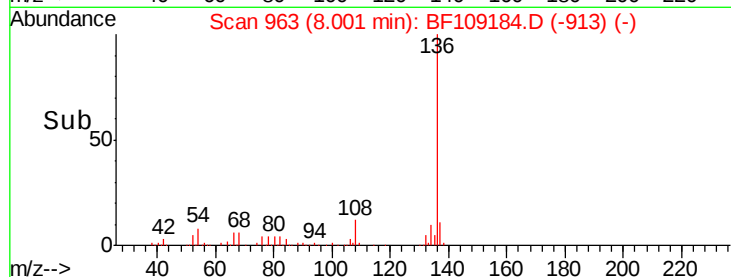
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109184.D
Acq: 20 Sep 2018 16:25

Instrument :
BNA_F
ClientSampleId :
GROUND-WATER

Tgt Ion:	136	Resp:	242900
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.0	6.6	9.8
68	5.7	5.0	7.4

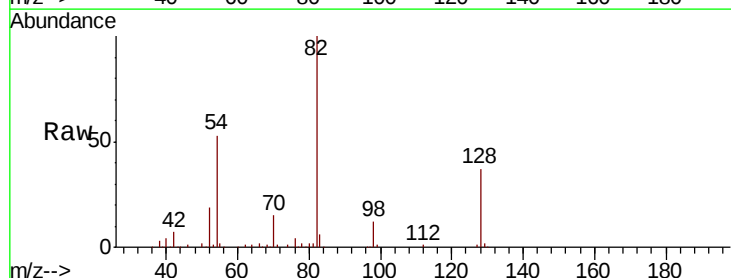


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

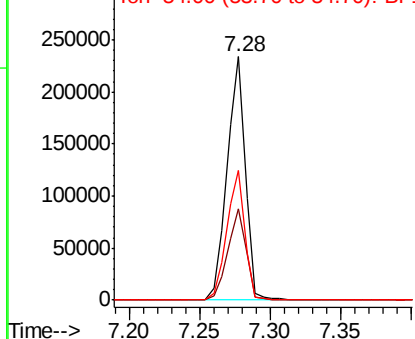
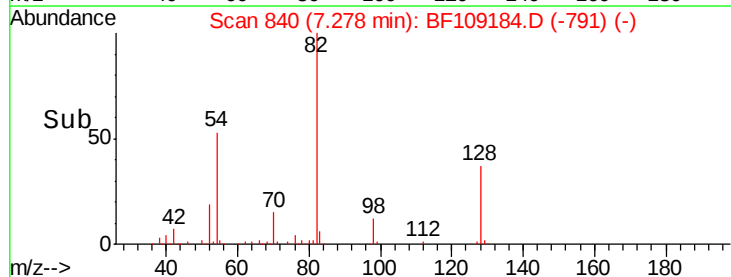


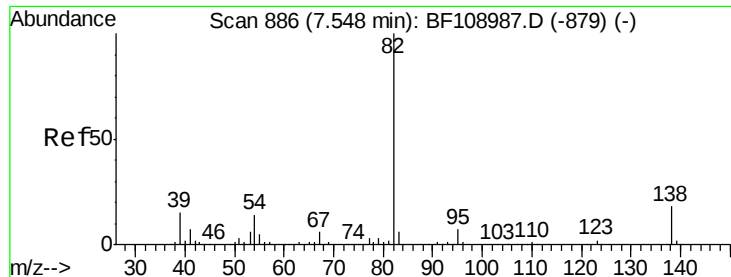
#23
Nitrobenzene-d5
Concen: 48.521 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109184.D
Acq: 20 Sep 2018 16:25

Tgt Ion:	82	Resp:	210130
Ion	Ratio	Lower	Upper
82	100		
128	37.3	36.1	54.1
54	53.4	41.4	62.2



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





#25

Isophorone

Concen: 27.927 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.27 min

Lab File: BF109184.D

Acq: 20 Sep 2018 16:25

Instrument :

BNA_F

ClientSampleId :

GROUND-WATER

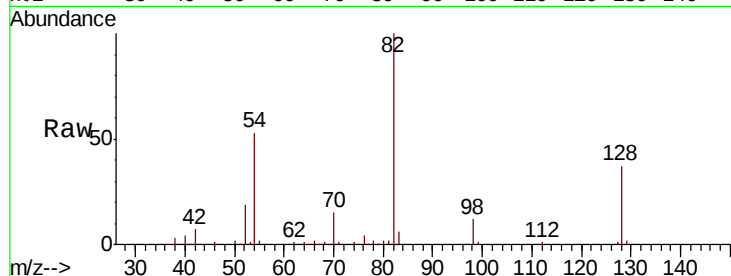
Tgt Ion: 82 Resp: 207894

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

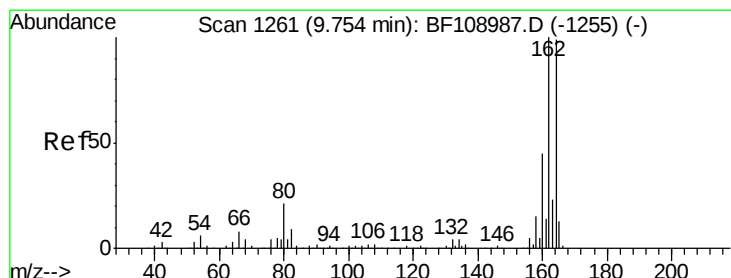
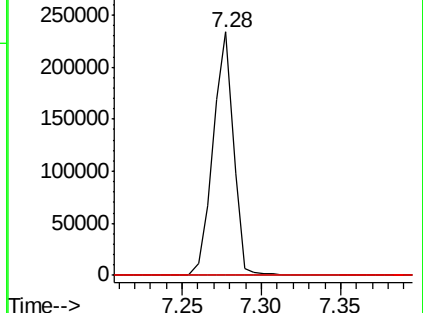
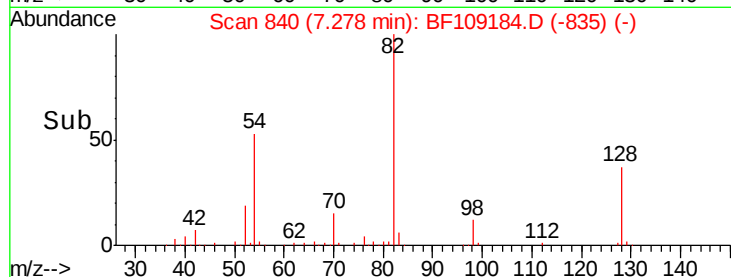
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF109184.D

Acq: 20 Sep 2018 16:25

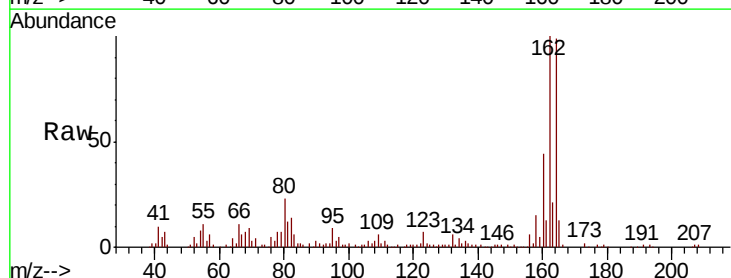
Tgt Ion: 164 Resp: 99433

Ion Ratio Lower Upper

164 100

162 100.6 86.1 129.1

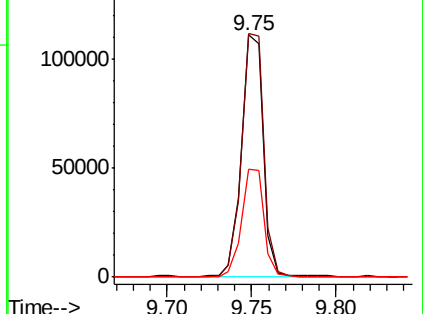
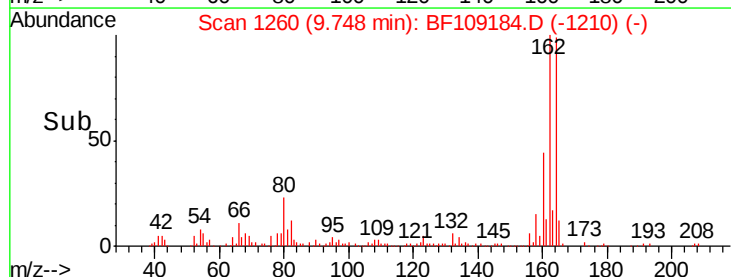
160 44.5 38.3 57.5

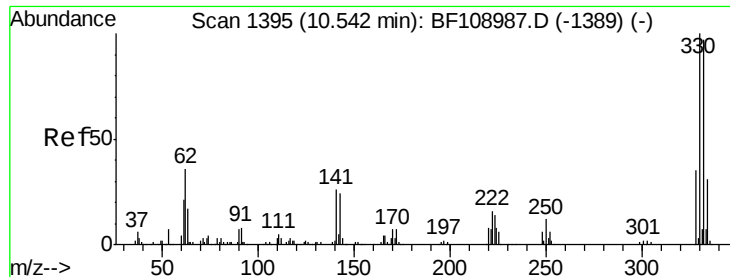


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

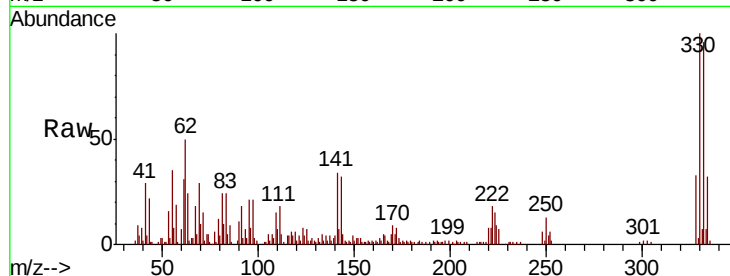




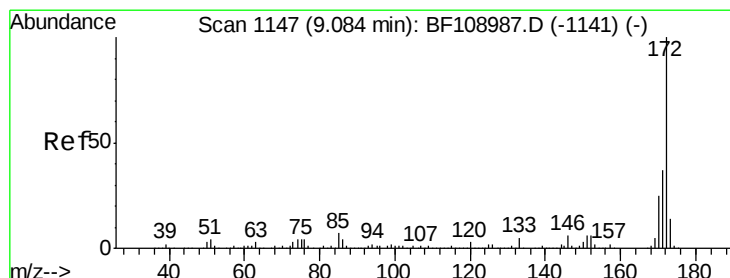
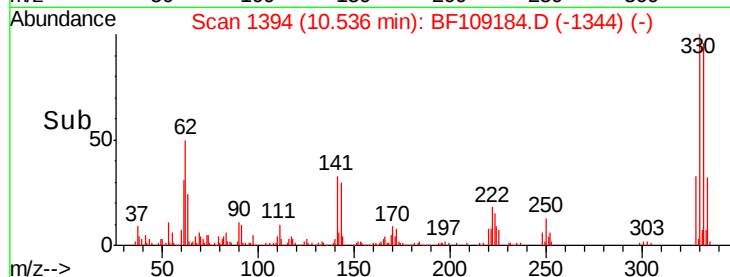
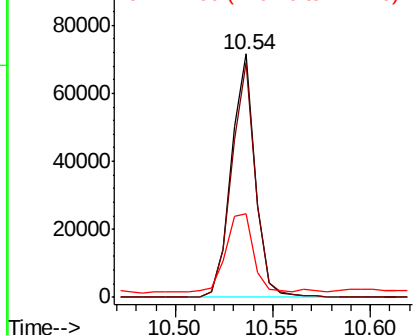
#41
 2,4,6-Tribromophenol
 Concen: 56.217 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109184.D
 Acq: 20 Sep 2018 16:25

Instrument :
 BNA_F
 ClientSampleId :
 GROUND-WATER

Tgt Ion:330 Resp: 60664
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 37.1 29.9 44.9

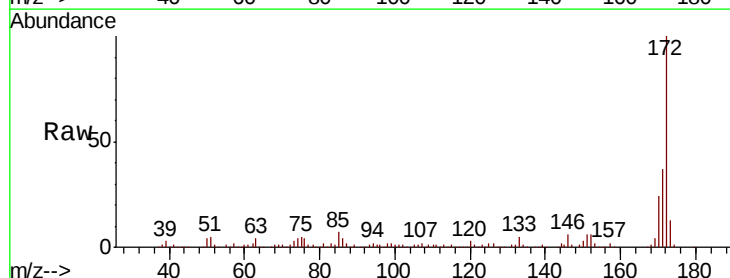


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

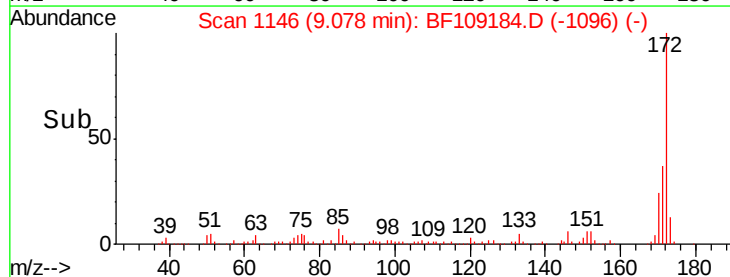
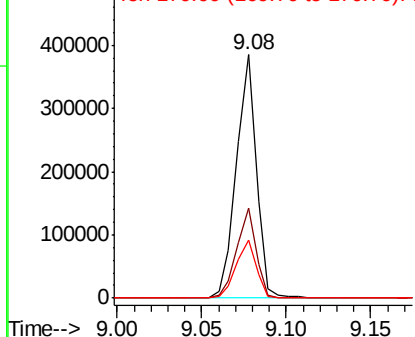


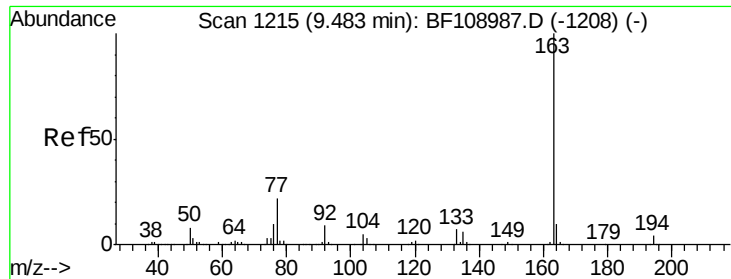
#44
 2-Fluorobiphenyl
 Concen: 50.022 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109184.D
 Acq: 20 Sep 2018 16:25

Tgt Ion:172 Resp: 317466
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 23.8 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

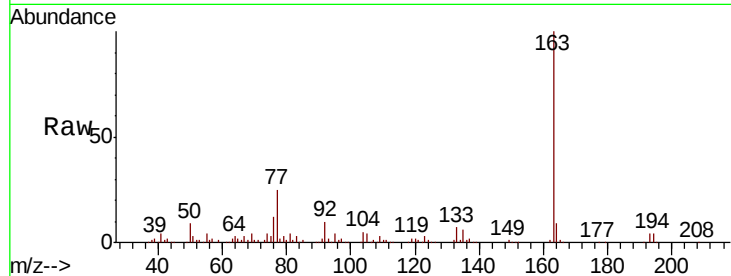




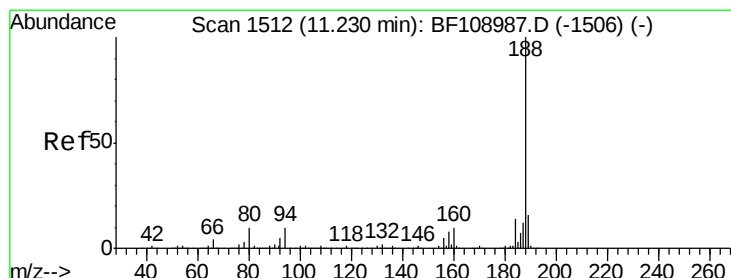
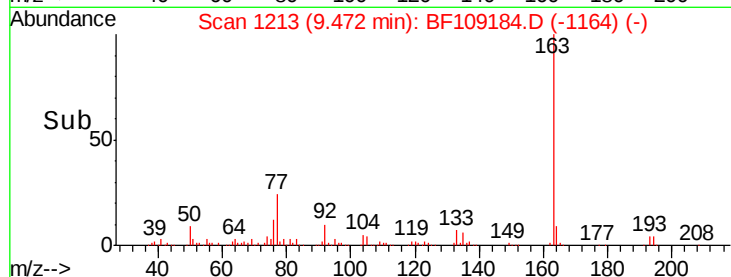
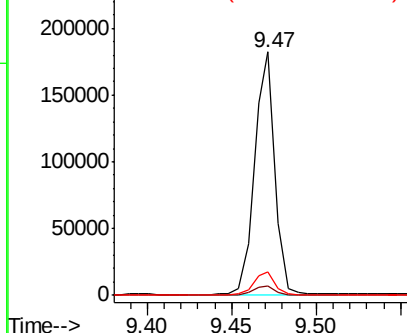
#49
Dimethylphthalate
Concen: 21.551 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109184.D
Acq: 20 Sep 2018 16:25

Instrument :
BNA_F
ClientSampleId :
GROUND-WATER

Tgt Ion:163 Resp: 153162
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.5 8.2 12.2

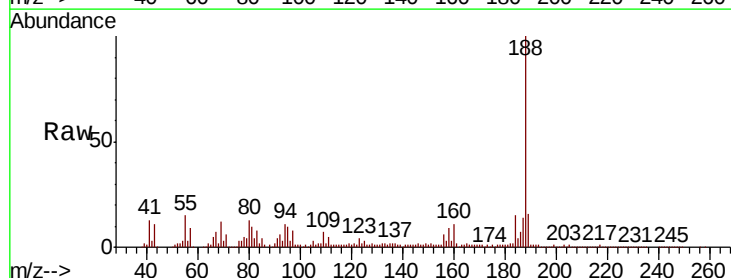


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

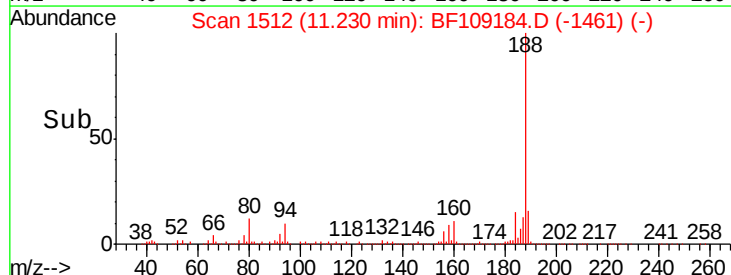
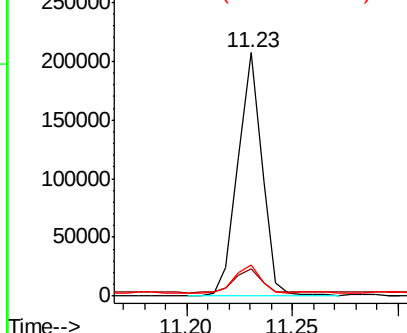


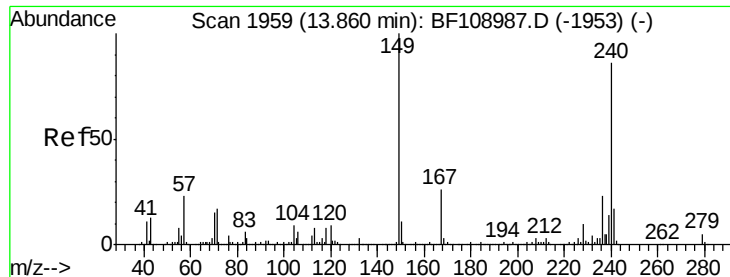
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109184.D
Acq: 20 Sep 2018 16:25

Tgt Ion:188 Resp: 163835
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 12.8 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: BF109184.D

Acq: 20 Sep 2018 16:25

Instrument :

BNA_F

ClientSampleId :

GROUND-WATER

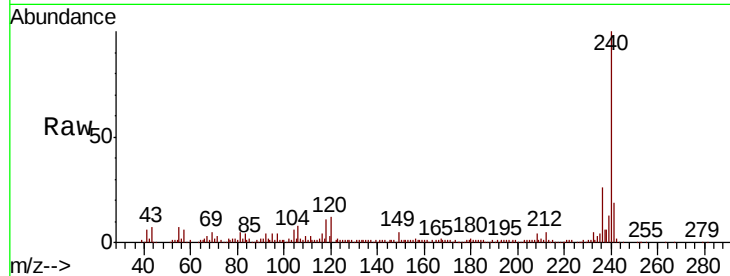
Tgt Ion:240 Resp: 112253

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

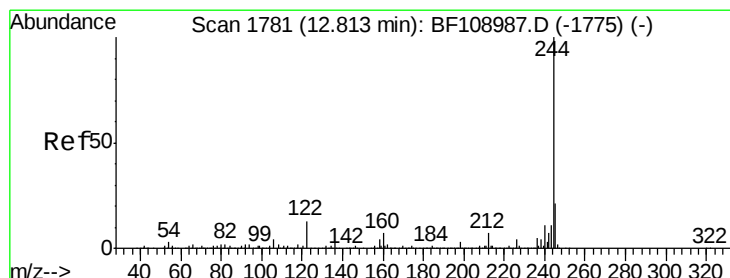
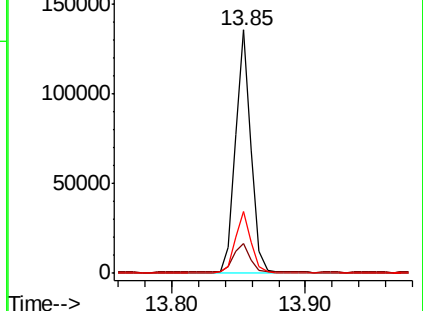
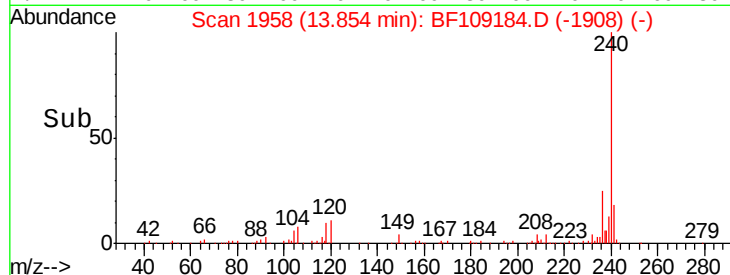
236 25.7 20.7 31.1



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: 52.925 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109184.D

Acq: 20 Sep 2018 16:25

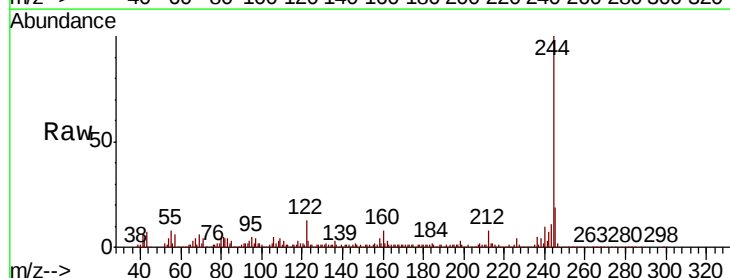
Tgt Ion:244 Resp: 250647

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

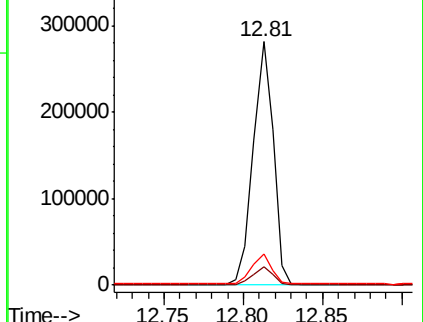
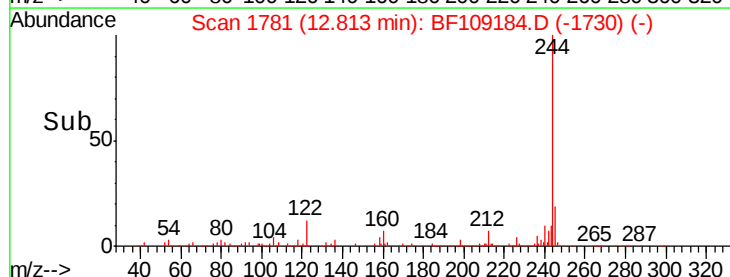
122 12.8 11.0 16.4

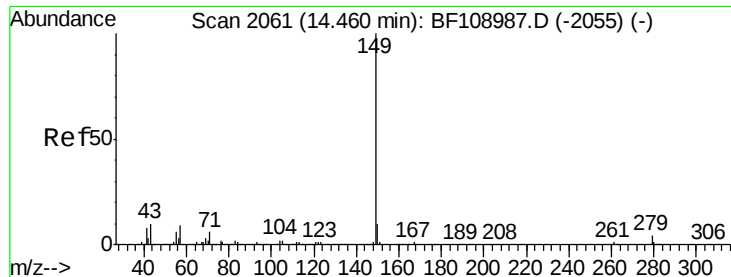


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Di-n-octyl phthalate

Concen: 10.932 ng

RT: 14.49 min Scan# 2067

Delta R.T. 0.04 min

Lab File: BF109184.D

Acq: 20 Sep 2018 16:25

Instrument :

BNA_F

ClientSampleId :

GROUND-WATER

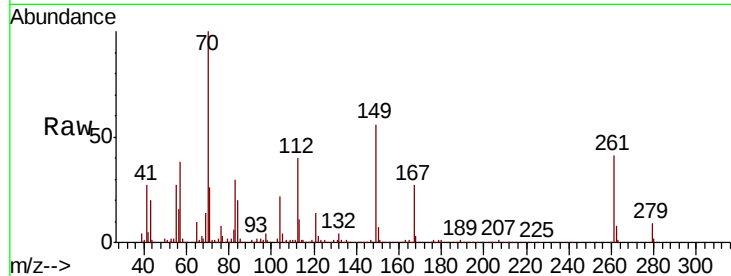
Tgt Ion:149 Resp: 83602

Ion Ratio Lower Upper

149 100

167 48.6 1.2 1.8#

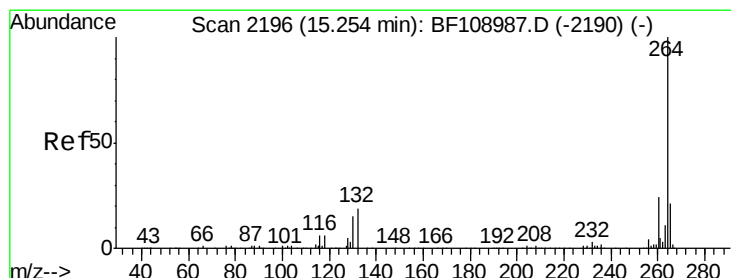
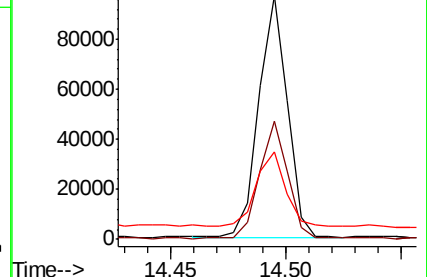
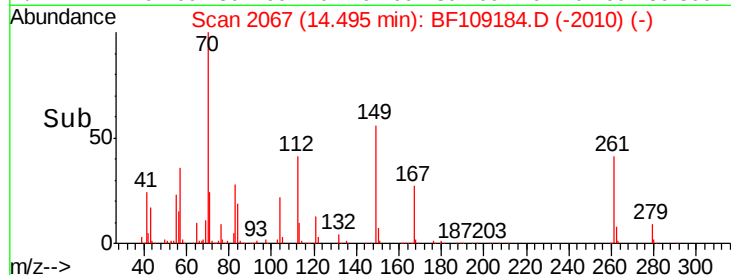
43 31.7 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.26 min Scan# 2197

Delta R.T. 0.01 min

Lab File: BF109184.D

Acq: 20 Sep 2018 16:25

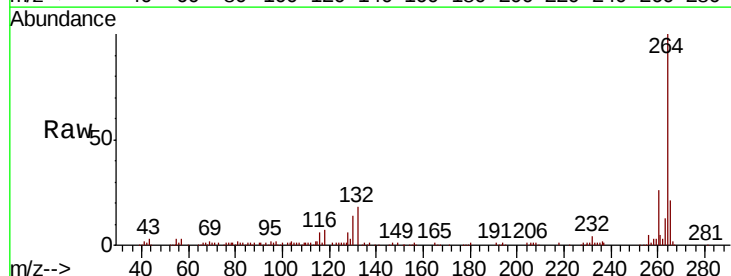
Tgt Ion:264 Resp: 122319

Ion Ratio Lower Upper

264 100

260 25.6 19.2 28.8

265 21.2 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

