

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118095.D
 Acq On : 4 Dec 2019 19:24
 Operator : JU
 Sample : K6025-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER

Quant Time: Dec 05 01:38:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

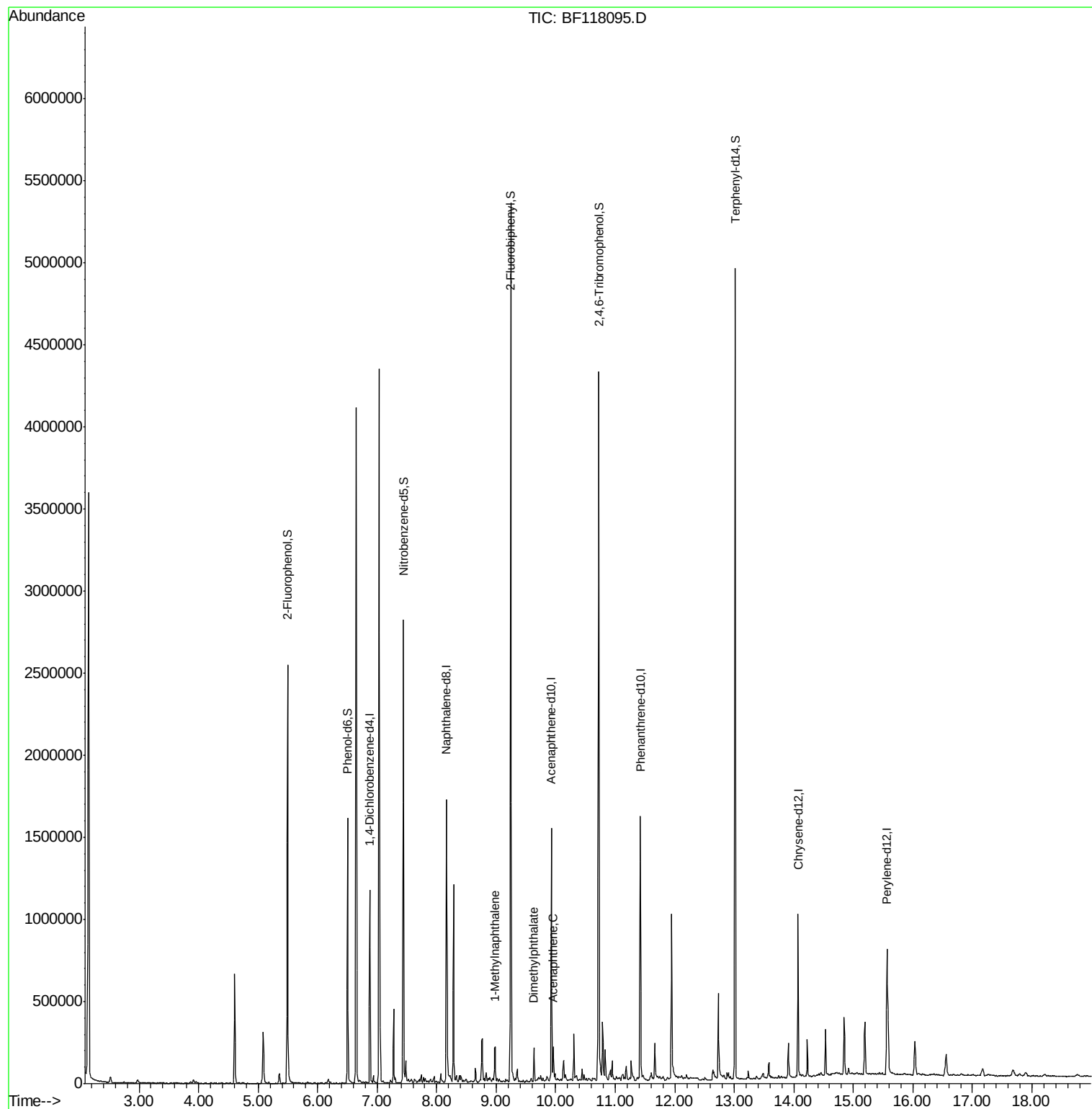
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	167265	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	674138	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	311253	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	596324	20.00	ng	0.00
76) Chrysene-d12	14.07	240	311886	20.00	ng	0.00
87) Perylene-d12	15.57	264	345659	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	723568	76.57	ng	0.00
7) Phenol-d6	6.50	99	586592	51.47	ng	0.00
23) Nitrobenzene-d5	7.44	82	1001618	88.32	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	566335	171.87	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1651821	95.21	ng	0.00
79) Terphenyl-d14	13.02	244	1793550	105.10	ng	0.00
Target Compounds						
38) 1-Methylnaphthalene	8.98	142	61600	3.068	ng	99
50) Dimethylphthalate	9.63	163	77559	3.553	ng	98
52) Acenaphthene	9.96	154	38258	2.156	ng	92

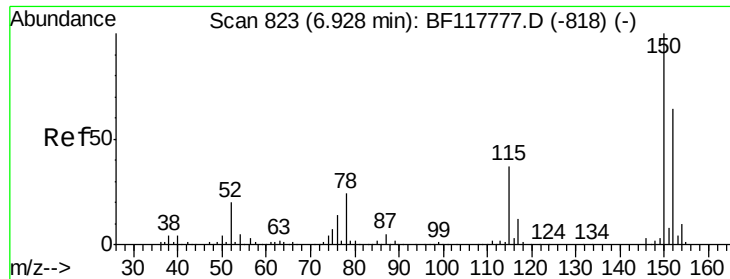
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 4 Dec 2019 19:24
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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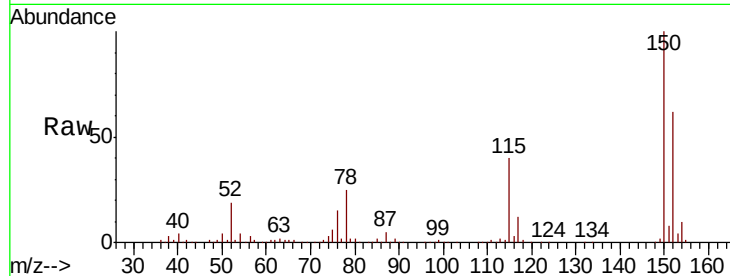


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118095.D
Acq: 4 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :
GROUNDWATER

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	121.4	182.2
115	64.9	48.8	73.2

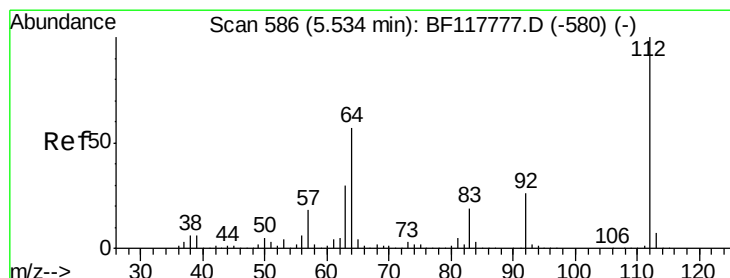
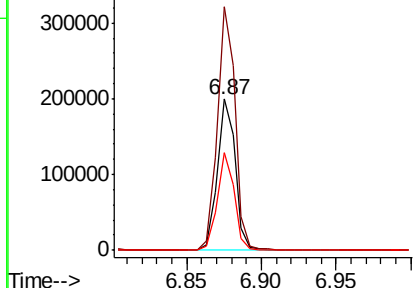
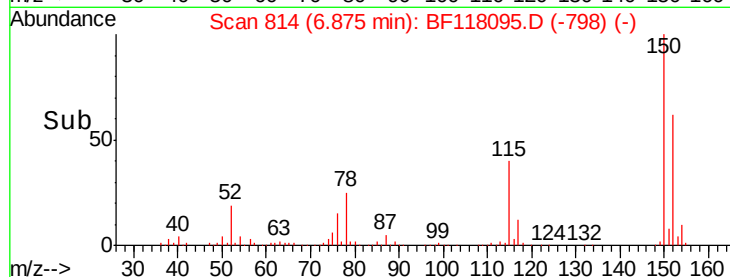


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

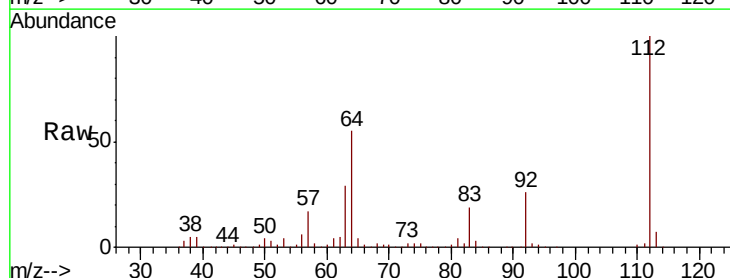
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 76.573 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF118095.D
Acq: 4 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	45.1	67.7
63	28.7	24.6	37.0

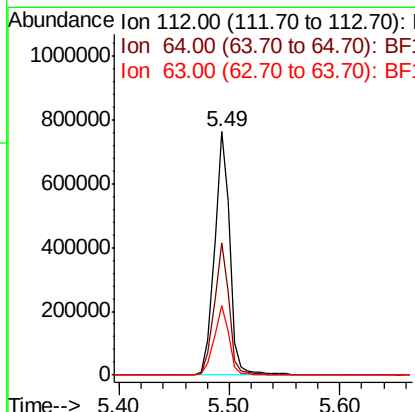
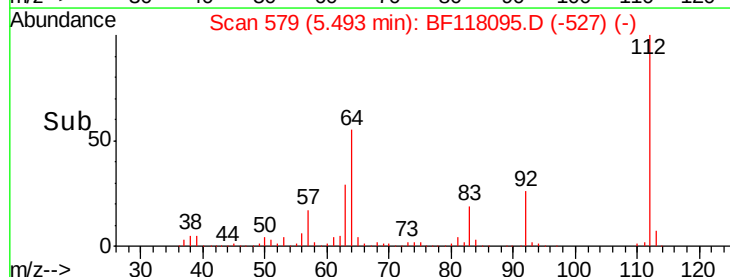


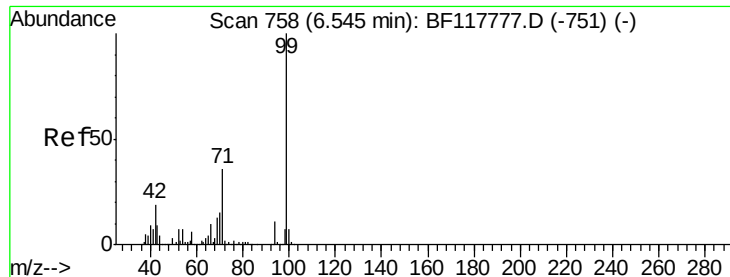
Abundance

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: 51.467 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118095.D

Acq: 4 Dec 2019 19:24

Instrument :

BNA_F

ClientSampleId :

GROUNDWATER

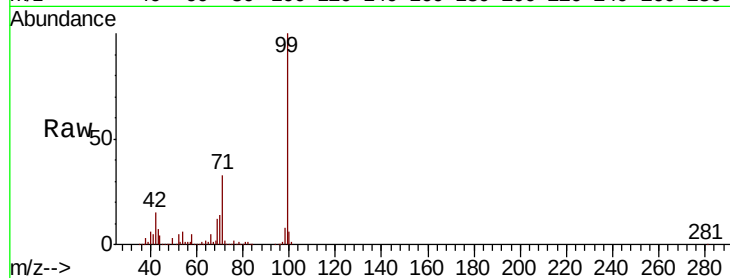
Tot Ion: 99 Resp: 586592

Ion Ratio Lower Upper

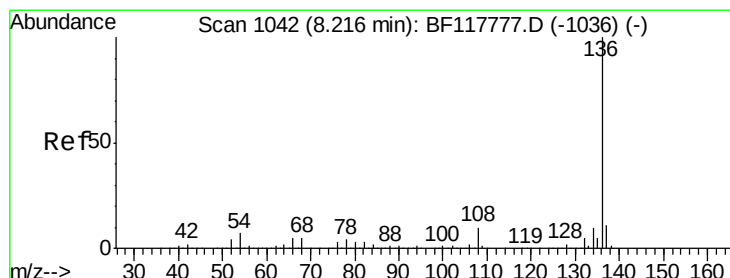
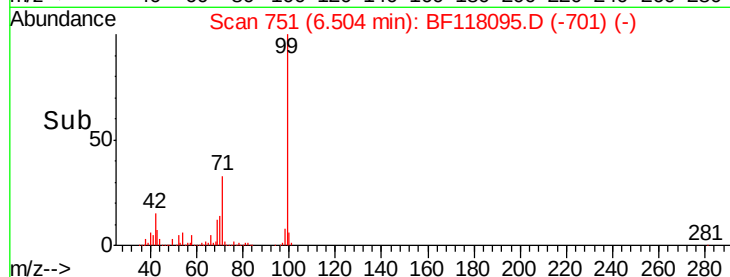
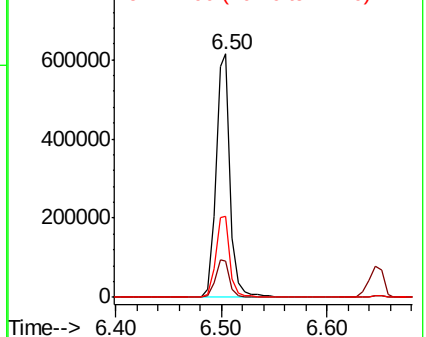
99 100

42 15.2 14.0 21.0

71 33.3 29.2 43.8



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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118095.D

Acq: 4 Dec 2019 19:24

Tgt Ion: 136 Resp: 674138

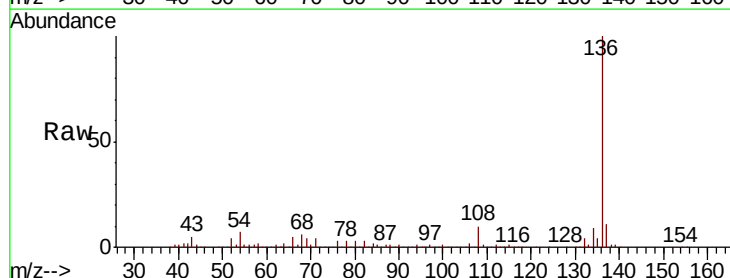
Ion Ratio Lower Upper

136 100

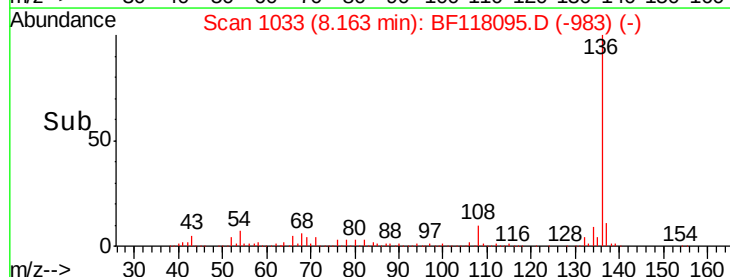
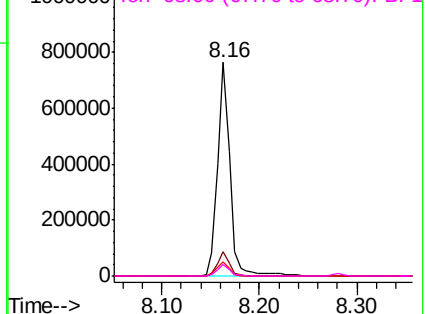
137 11.4 9.1 13.7

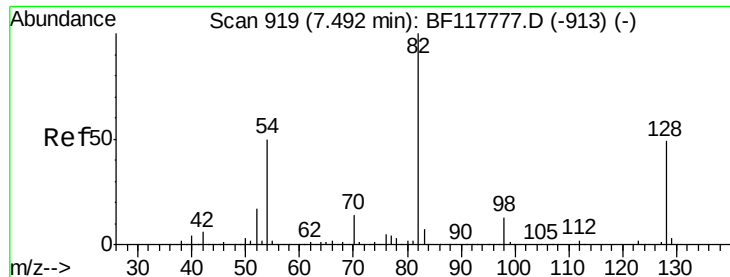
54 6.7 4.9 7.3

68 5.6 3.6 5.4#



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: 88.323 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF118095.D

Acq: 4 Dec 2019 19:24

Instrument :

BNA_F

ClientSampleId :

GROUNDWATER

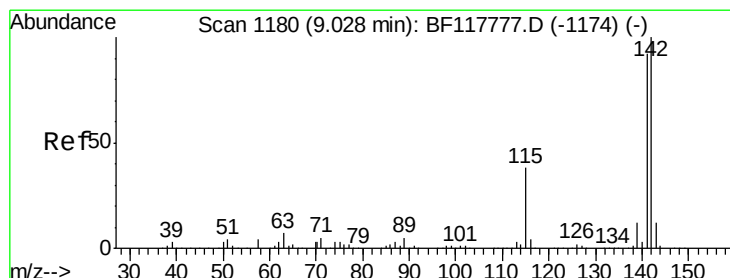
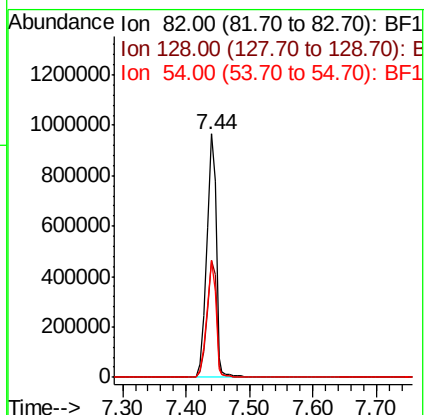
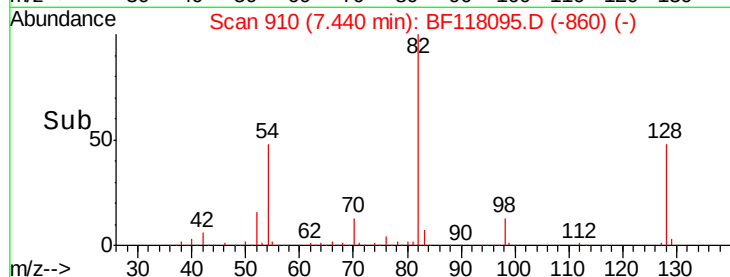
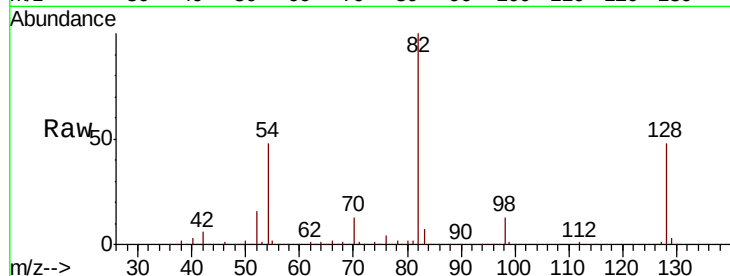
Tot Ion: 82 Resp: 1001618

Ion Ratio Lower Upper

82 100

128 47.8 38.2 57.4

54 48.0 39.0 58.4



#38

1-Methylnaphthalene

Concen: 3.068 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF118095.D

Acq: 4 Dec 2019 19:24

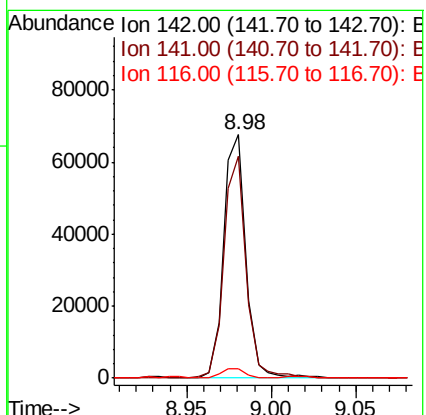
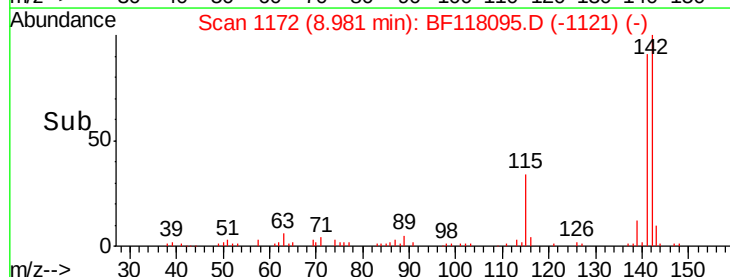
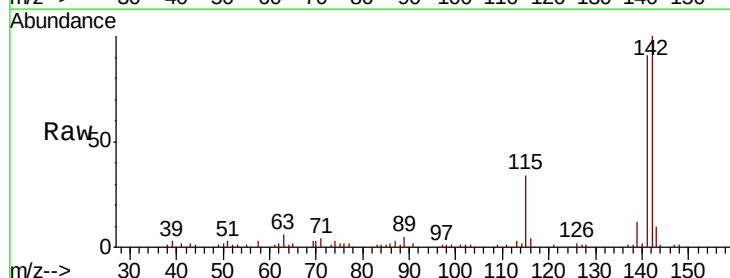
Tgt Ion: 142 Resp: 61600

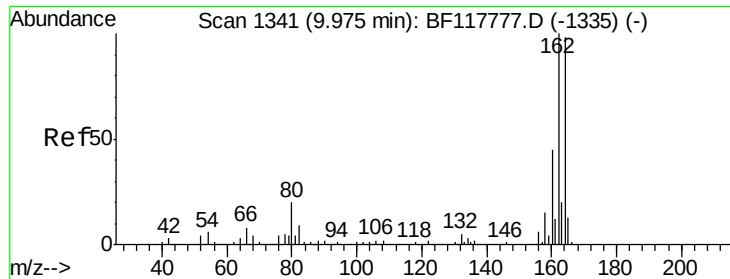
Ion Ratio Lower Upper

142 100

141 91.0 73.6 110.4

116 3.9 3.1 4.7

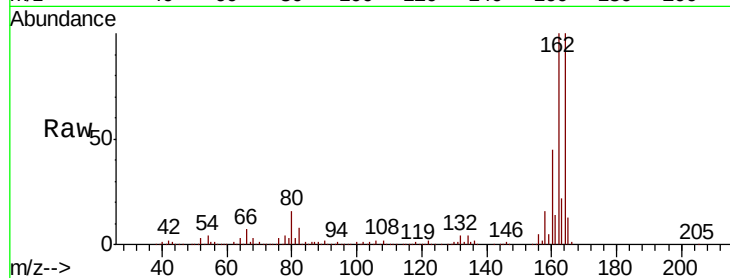




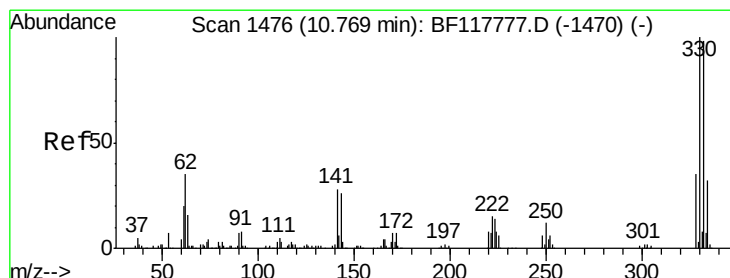
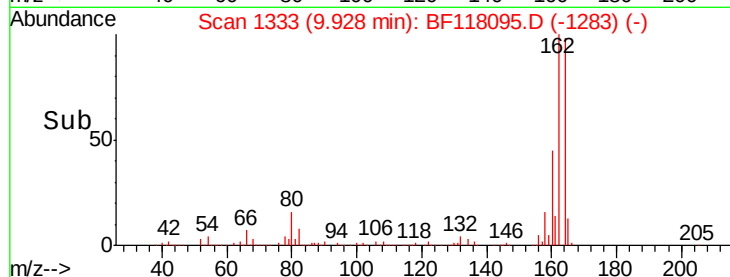
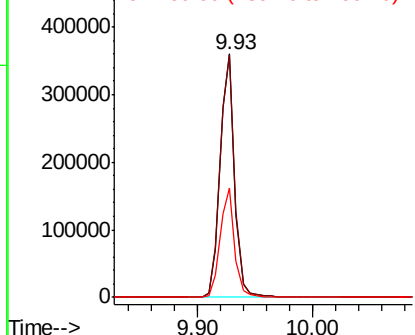
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF118095.D
 Acq: 4 Dec 2019 19:24

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER

Tot Ion:164 Resp: 311253
 Ion Ratio Lower Upper
 164 100
 162 99.7 81.8 122.8
 160 45.0 35.9 53.9

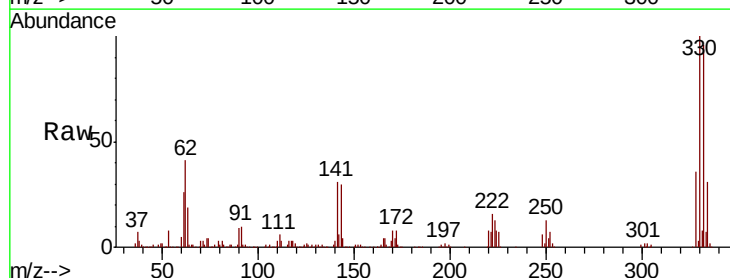


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

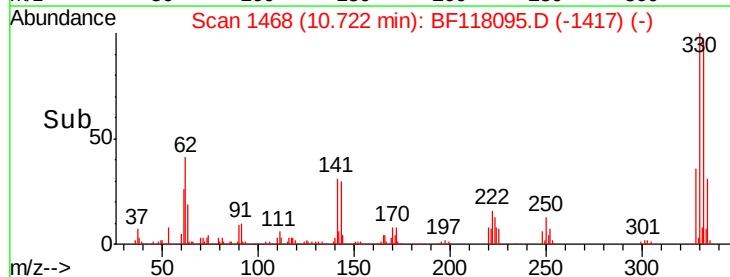
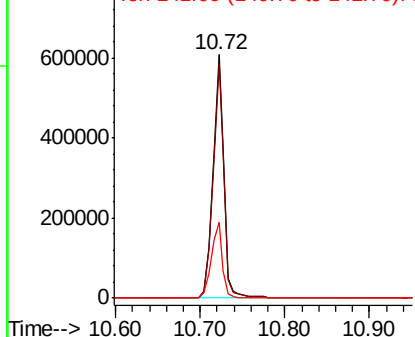


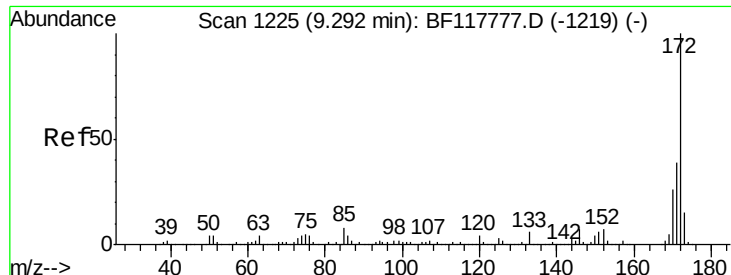
#42
 2,4,6-Tribromophenol
 Concen: 171.867 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF118095.D
 Acq: 4 Dec 2019 19:24

Tgt Ion:330 Resp: 566335
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.3 117.5
 141 31.6 26.4 39.6



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

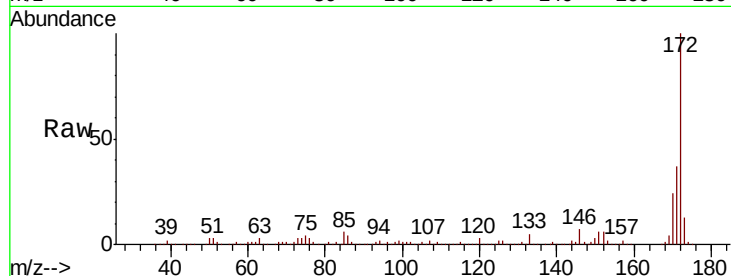




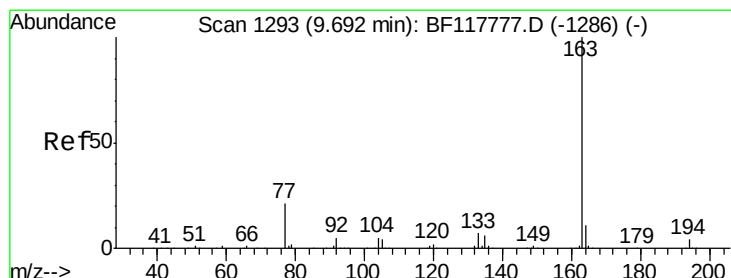
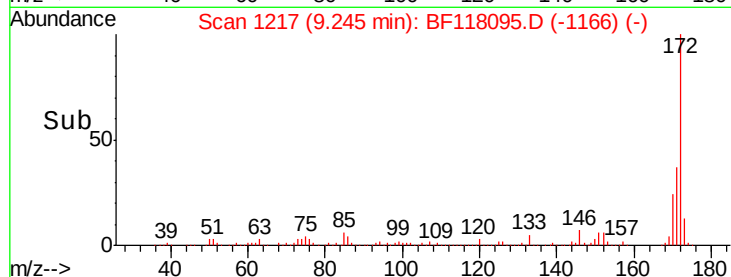
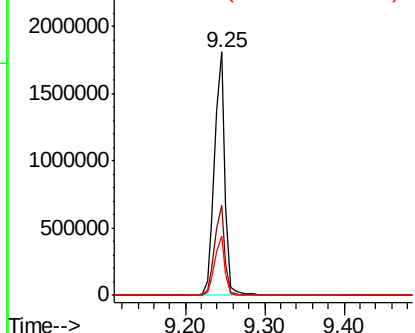
#45
2-Fluorobiphenyl
Concen: 95.209 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF118095.D
Acq: 4 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :
GROUNDWATER

Tot Ion:172 Resp: 1651821
Ion Ratio Lower Upper
172 100
171 37.1 29.2 43.8
170 24.2 19.3 28.9

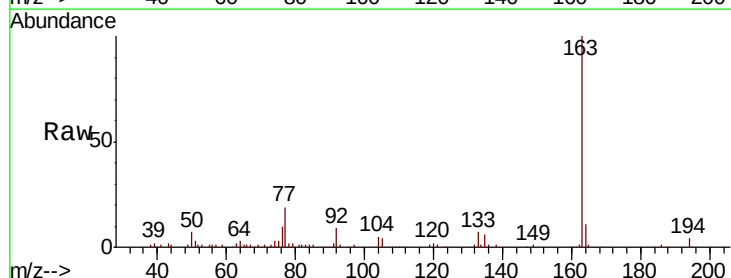


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

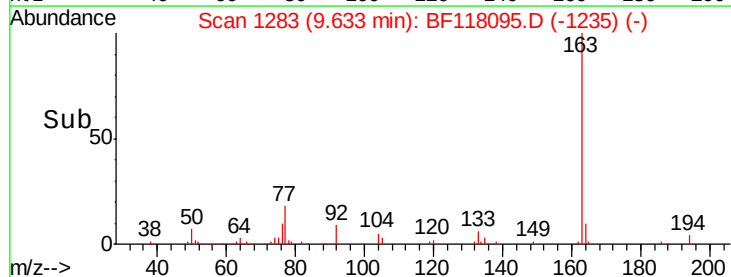
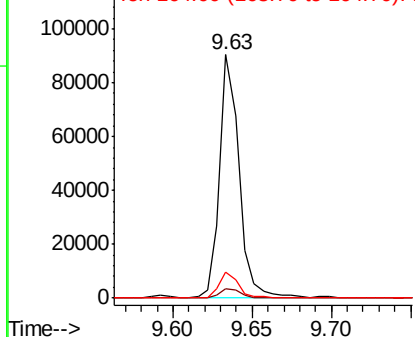


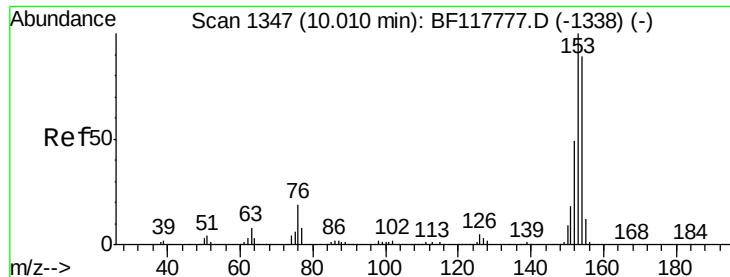
#50
Dimethylphthalate
Concen: 3.553 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF118095.D
Acq: 4 Dec 2019 19:24

Tgt Ion:163 Resp: 77559
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.7 7.9 11.9



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





#52

Acenaphthene

Concen: 2.156 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF118095.D

Acq: 4 Dec 2019 19:24

Instrument :

BNA_F

ClientSampleId :

GROUNDWATER

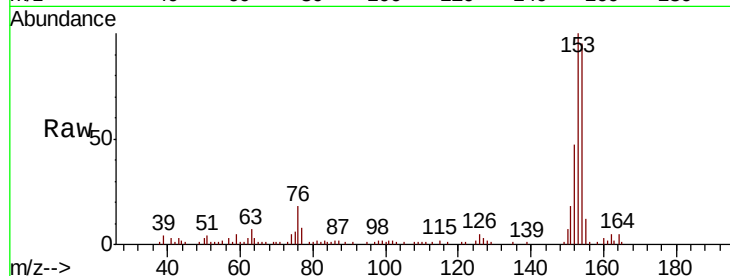
Tot Ion:154 Resp: 38258

Ion Ratio Lower Upper

154 100

153 104.8 91.2 136.8

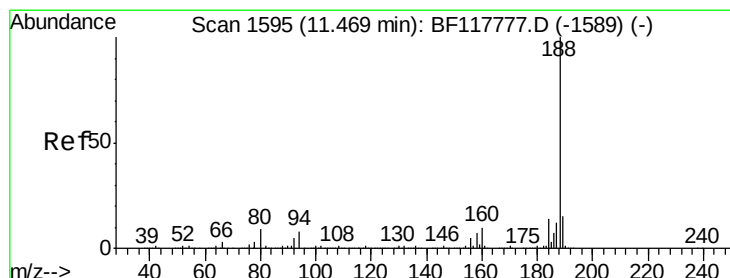
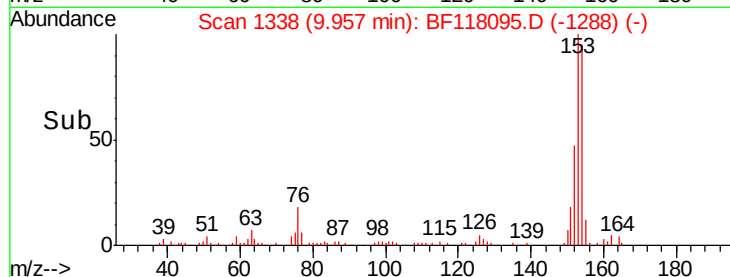
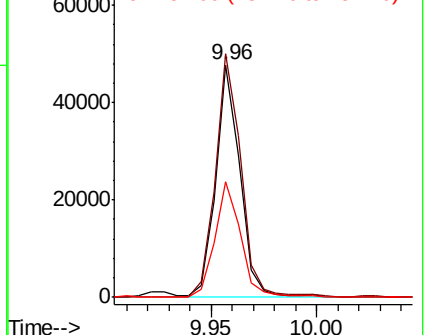
152 49.7 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF118095.D

Acq: 4 Dec 2019 19:24

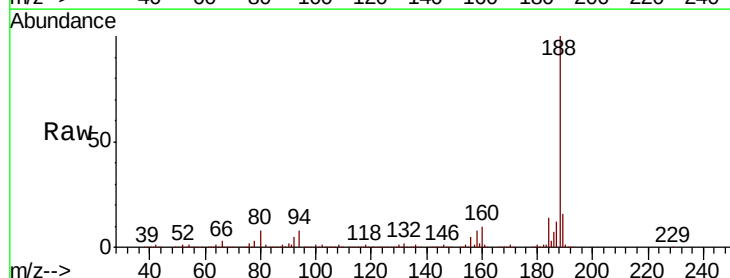
Tgt Ion:188 Resp: 596324

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.6

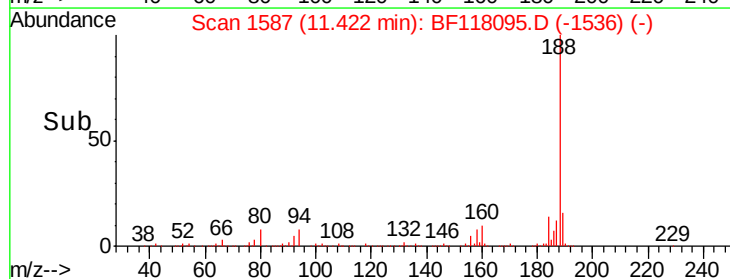
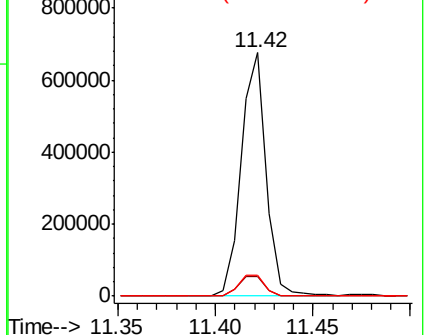
80 8.3 7.2 10.8

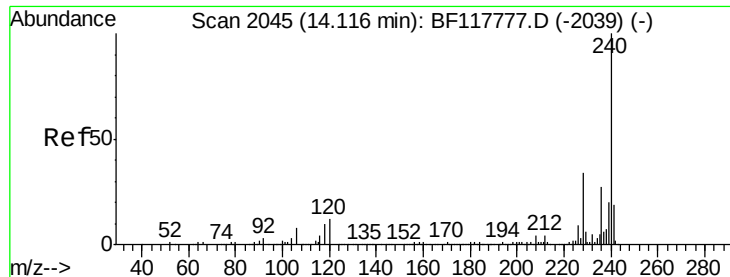


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

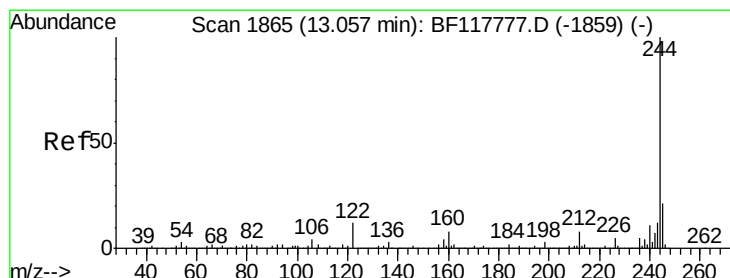
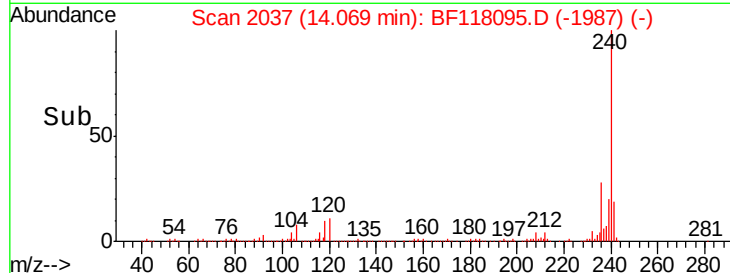
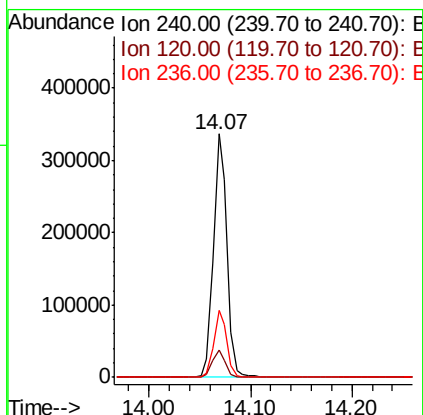
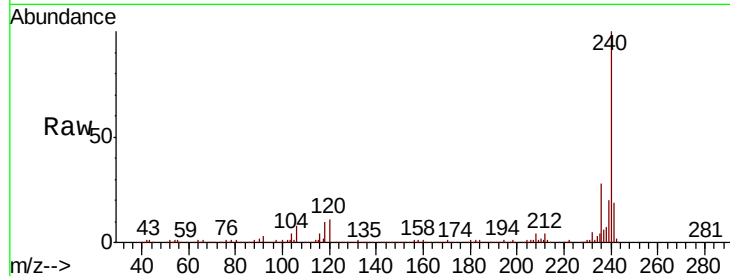




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF118095.D
 Acq: 4 Dec 2019 19:24

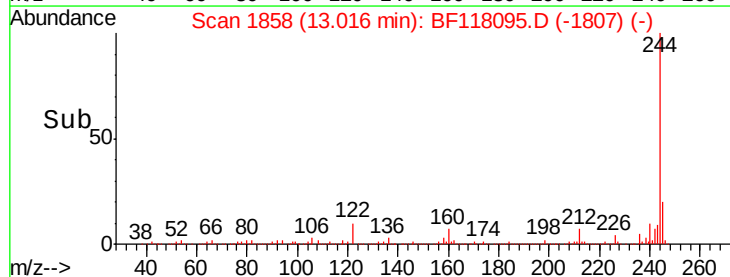
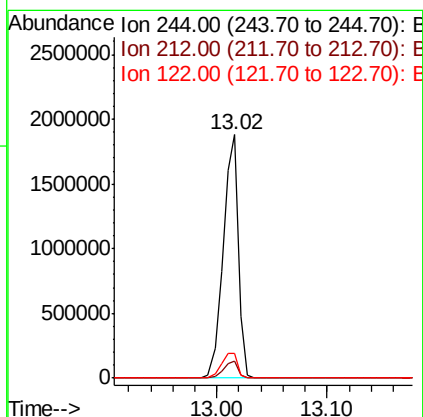
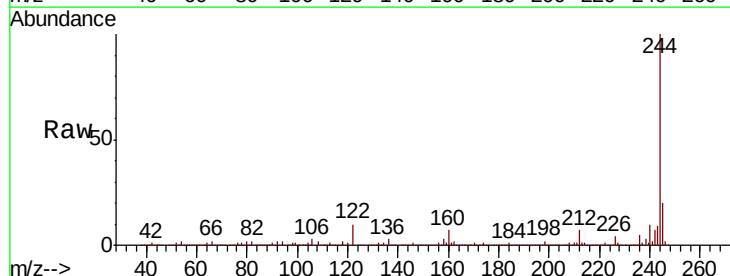
Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATER

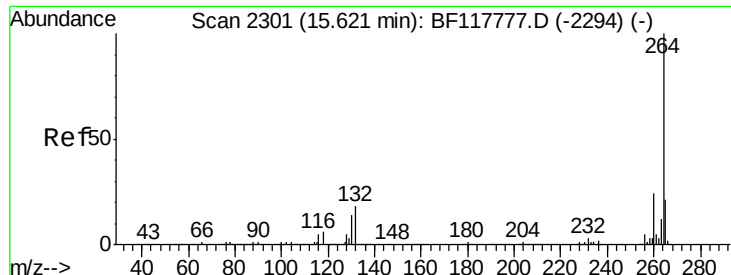
Tot Ion:240 Resp: 311886
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.4 12.6
 236 27.5 20.6 31.0



#79
 Terphenyl-d14
 Concen: 105.100 ng
 RT: 13.02 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: BF118095.D
 Acq: 4 Dec 2019 19:24

Tgt Ion:244 Resp: 1793550
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.2 7.8
 122 10.1 7.2 10.8





#87
Pervlone-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF118095.D
Acq: 4 Dec 2019 19:24

Instrument :
BNA_F
ClientSampleId :
GROUNDWATER

Tot Ion:	264	Resp:	345659
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.6
265	20.4	16.4	24.6

