

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
 Data File : BF117312.D
 Acq On : 2 Oct 2019 20:56
 Operator : JU
 Sample : K4660-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-GROUNDWATER

Quant Time: Oct 03 03:16:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

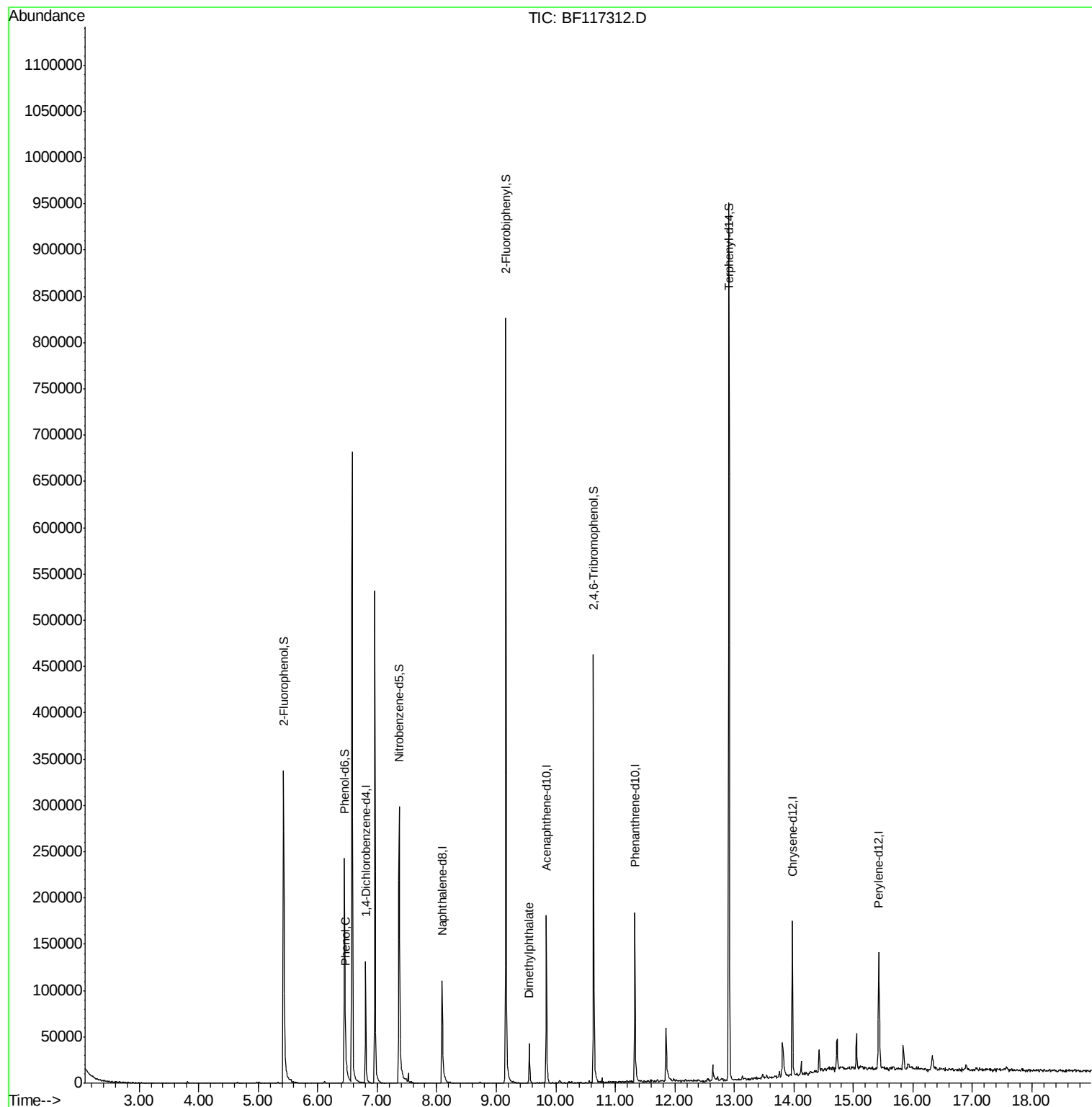
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	21949	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	86403	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	45177	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	78438	20.00	ng	0.00
76) Chrysene-d12	13.97	240	55724	20.00	ng	0.00
87) Perylene-d12	15.43	264	50831	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	129339	92.00	ng	-0.01
7) Phenol-d6	6.45	99	121725	67.00	ng	-0.01
23) Nitrobenzene-d5	7.37	82	135616	82.47	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	54225	143.61	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	269366	93.23	ng	-0.01
79) Terphenyl-d14	12.91	244	299113	100.34	ng	0.00
Target Compounds						
10) Phenol	6.47	94	6193	3.092	ng	87
50) Dimethylphthalate	9.56	163	20235	6.326	ng	# 97

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

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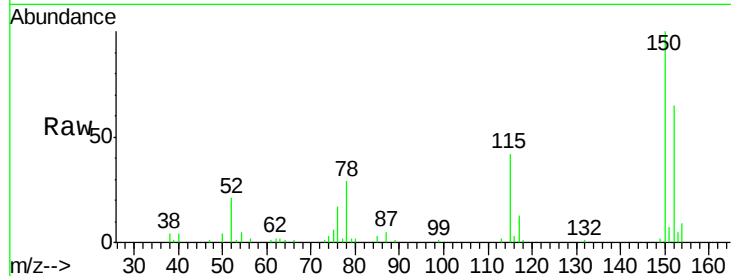


#1

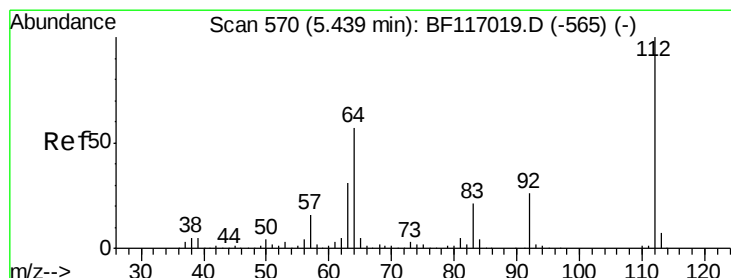
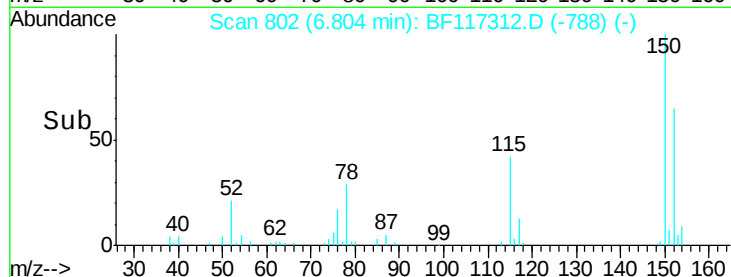
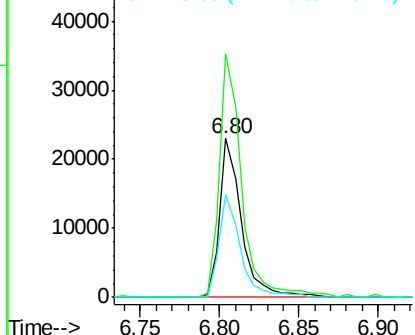
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117312.D
Acq: 2 Oct 2019 20:56

Instrument :
BNA_F
ClientSampleId :
TP-1-GROUNDWATER

Tot Ion:152 Resp: 21949
Ion Ratio Lower Upper
152 100
150 153.4 127.5 191.3
115 64.9 55.0 82.4



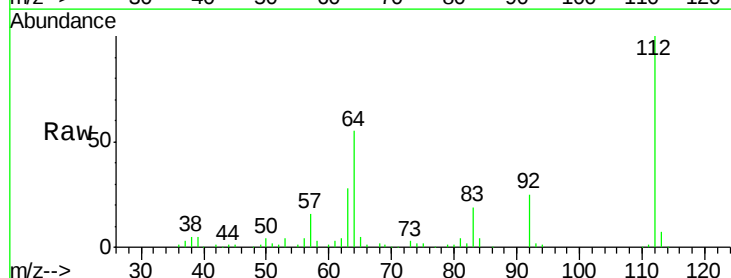
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



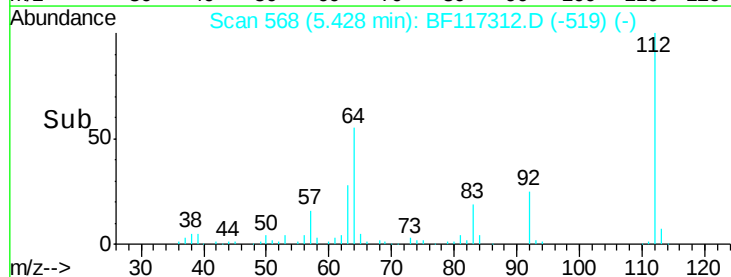
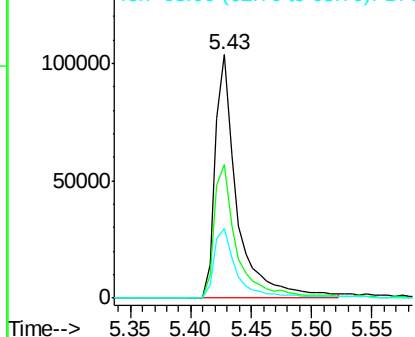
#5

2-Fluorophenol
Concen: 92.000 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF117312.D
Acq: 2 Oct 2019 20:56

Tgt Ion:112 Resp: 129339
Ion Ratio Lower Upper
112 100
64 54.8 45.7 68.5
63 28.4 24.9 37.3



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: 66.997 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117312.D

Acq: 2 Oct 2019 20:56

Instrument :

BNA_F

ClientSampleId :

TP-1-GROUNDWATER

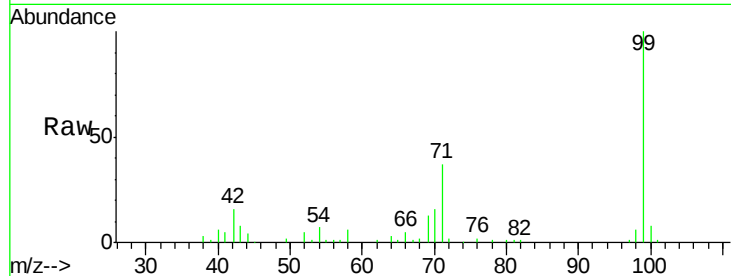
Tot Ion: 99 Resp: 121725

Ion Ratio Lower Upper

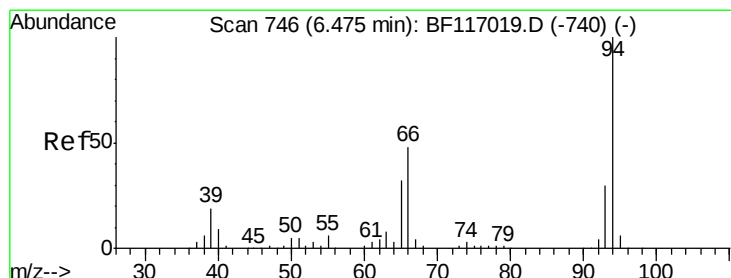
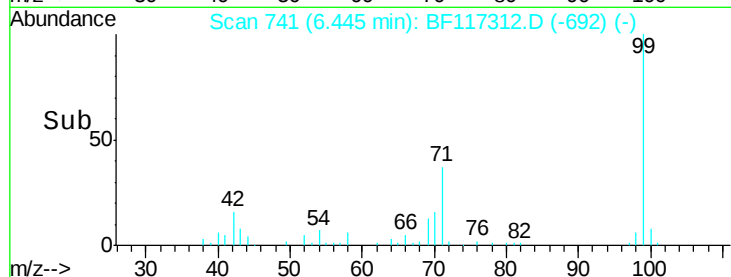
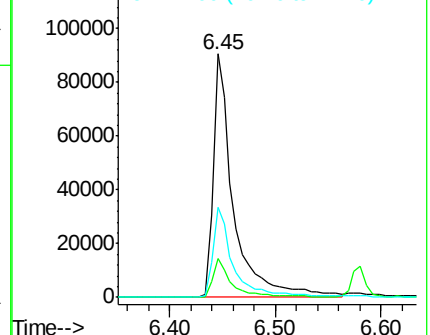
99 100

42 16.1 12.2 18.2

71 36.8 29.8 44.8



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



#10

Phenol

Concen: 3.092 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117312.D

Acq: 2 Oct 2019 20:56

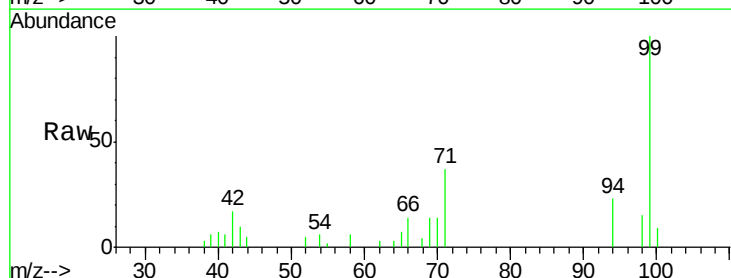
Tgt Ion: 94 Resp: 6193

Ion Ratio Lower Upper

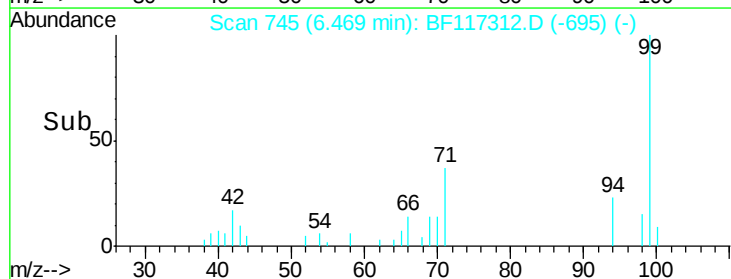
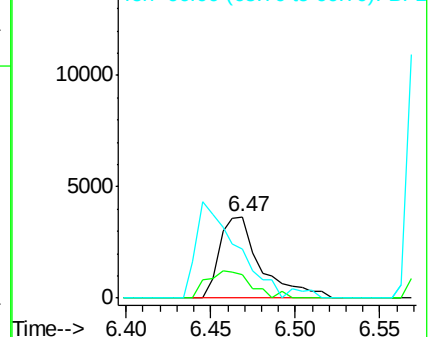
94 100

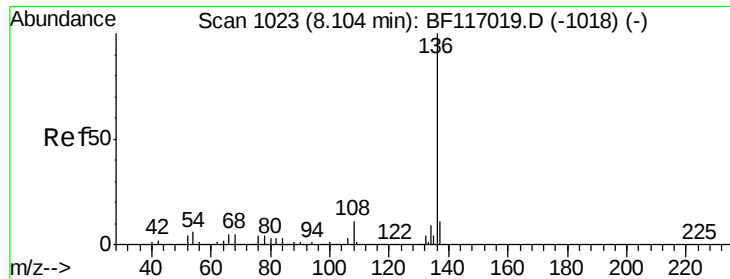
65 29.2 12.5 52.5

66 60.8 28.9 68.9



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117312.D

Acq: 2 Oct 2019 20:56

Instrument :

BNA_F

ClientSampleId :

TP-1-GROUNDWATER

Tot Ion:136 Resp: 86403

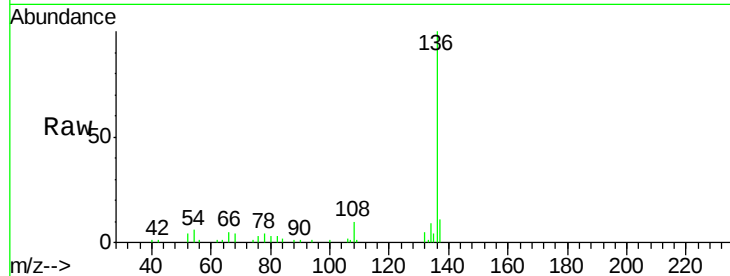
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 6.2 4.5 6.7

68 3.8 4.0 6.0#

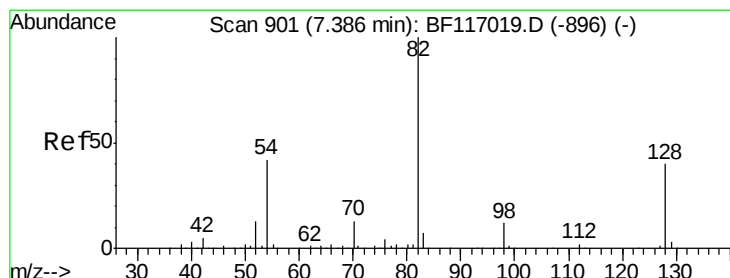
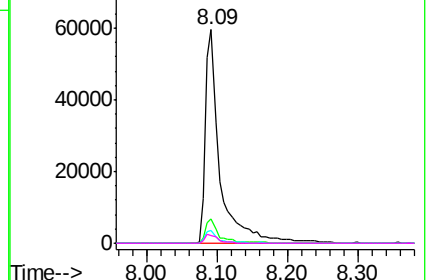
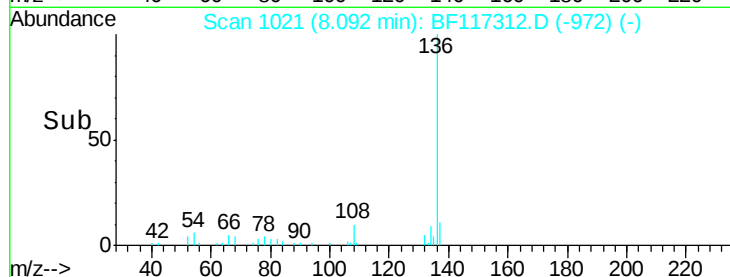


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.469 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.02 min

Lab File: BF117312.D

Acq: 2 Oct 2019 20:56

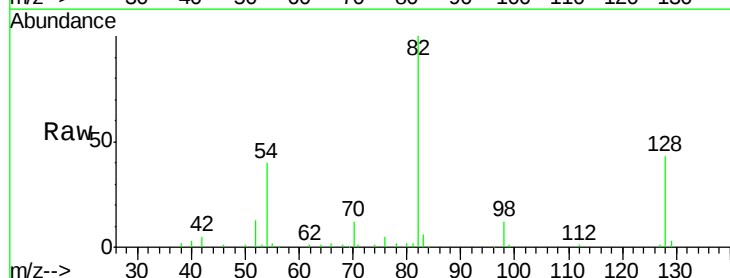
Tgt Ion: 82 Resp: 135616

Ion Ratio Lower Upper

82 100

128 42.8 32.3 48.5

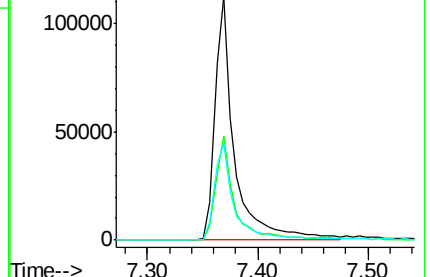
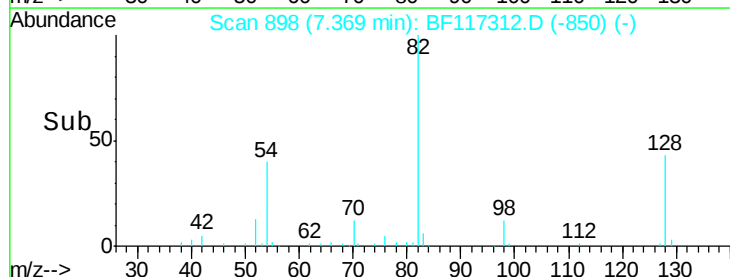
54 39.8 33.3 49.9

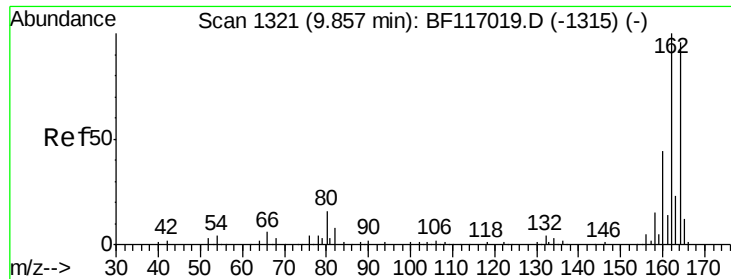


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

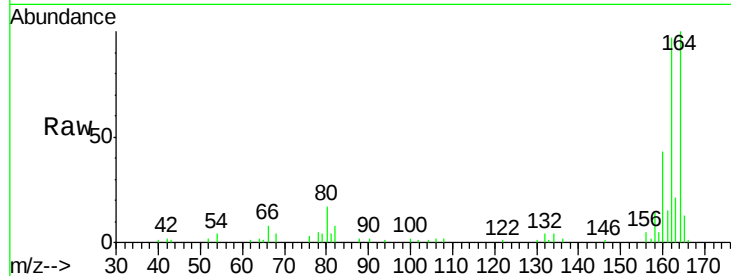




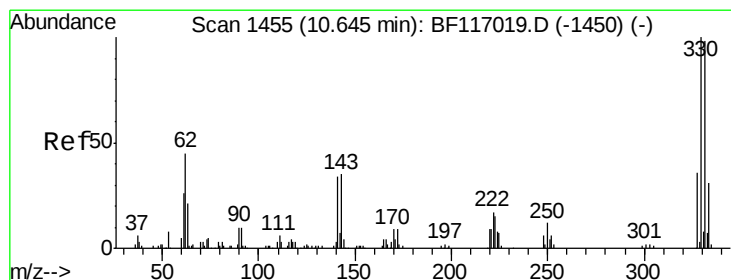
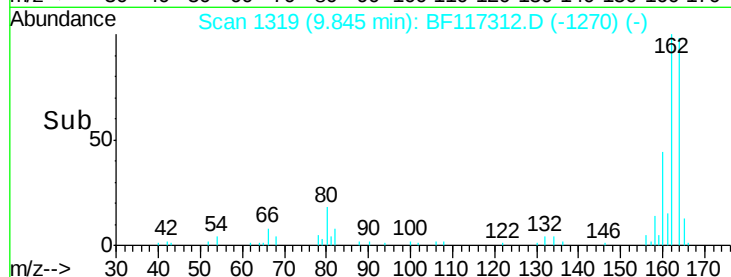
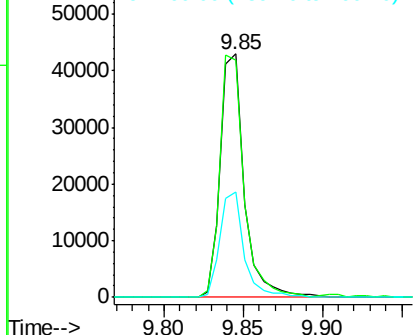
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF117312.D
Acq: 2 Oct 2019 20:56

Instrument :
BNA_F
ClientSampleId :
TP-1-GROUNDWATER

Tot Ion:164 Resp: 45177
Ion Ratio Lower Upper
164 100
162 97.2 83.4 125.2
160 43.1 36.4 54.6

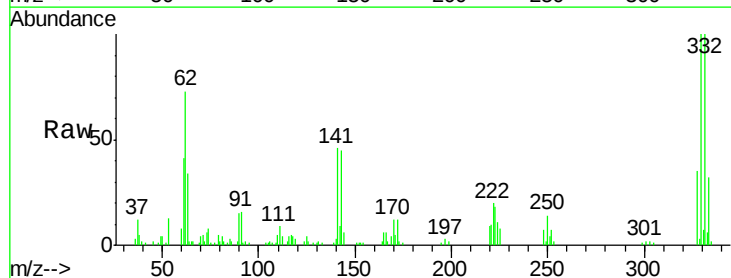


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

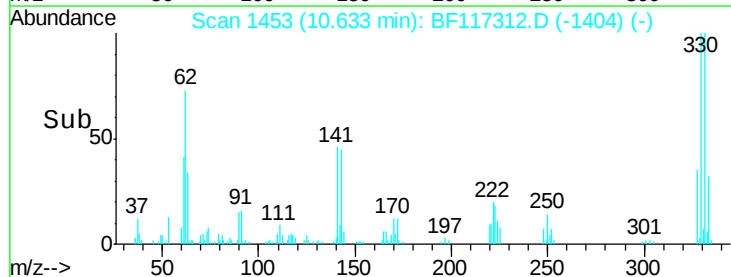
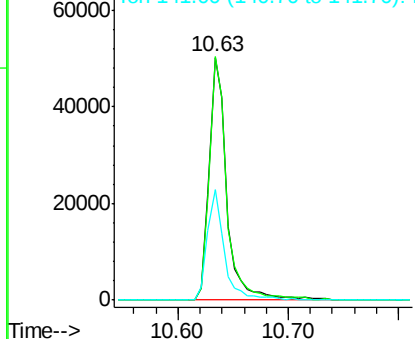


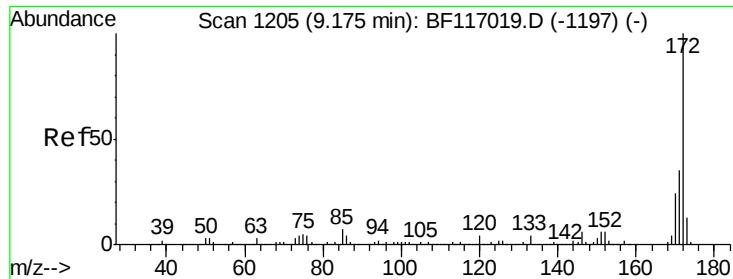
#42
2,4,6-Tribromophenol
Concen: 143.613 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF117312.D
Acq: 2 Oct 2019 20:56

Tgt Ion:330 Resp: 54225
Ion Ratio Lower Upper
330 100
332 98.5 78.0 117.0
141 44.0 35.8 53.6



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

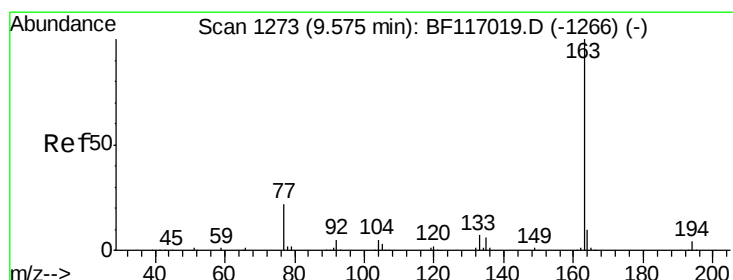
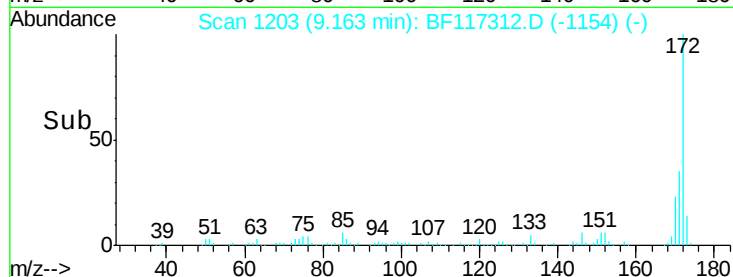
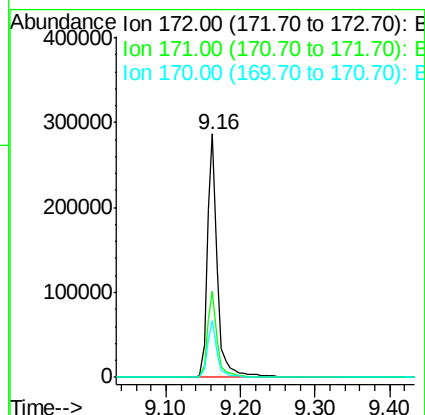
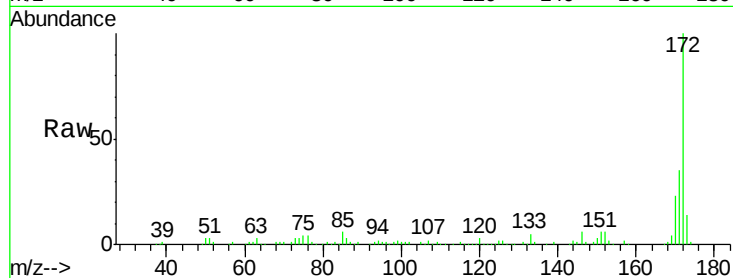




#45
2-Fluorobiphenyl
Concen: 93.228 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF117312.D
Acq: 2 Oct 2019 20:56

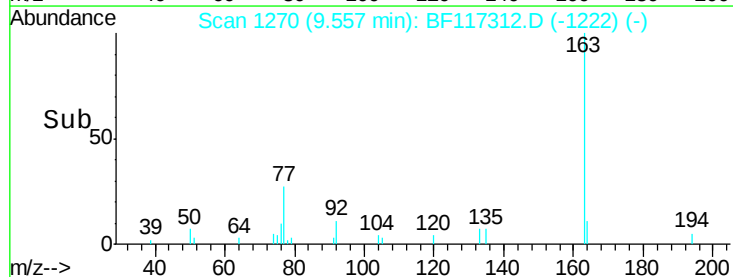
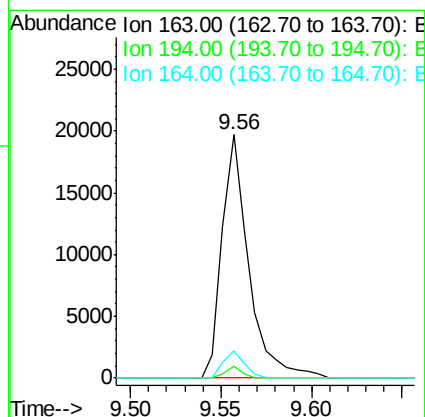
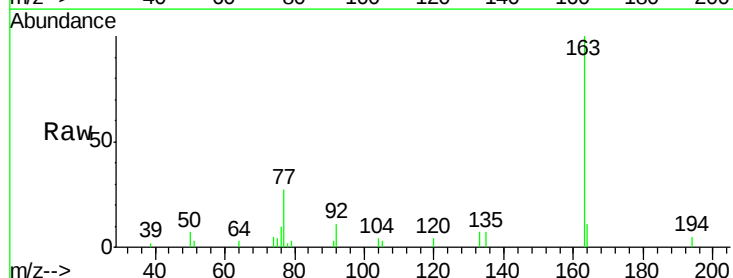
Instrument :
BNA_F
ClientSampleId :
TP-1-GROUNDWATER

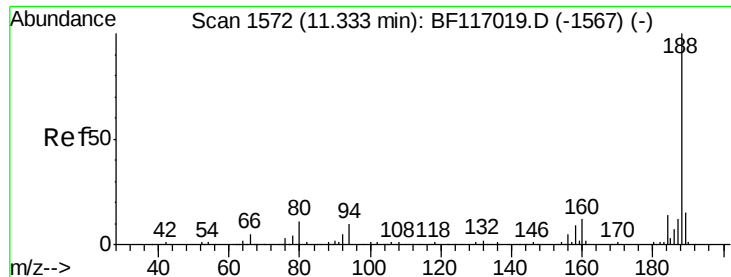
Tot Ion:172 Resp: 269366
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.4 18.9 28.3



#50
Dimethylphthalate
Concen: 6.326 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117312.D
Acq: 2 Oct 2019 20:56

Tgt Ion:163 Resp: 20235
Ion Ratio Lower Upper
163 100
194 4.7 2.9 4.3#
164 11.3 8.2 12.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF117312.D

Acq: 2 Oct 2019 20:56

Instrument :

BNA_F

ClientSampleId :

TP-1-GROUNDWATER

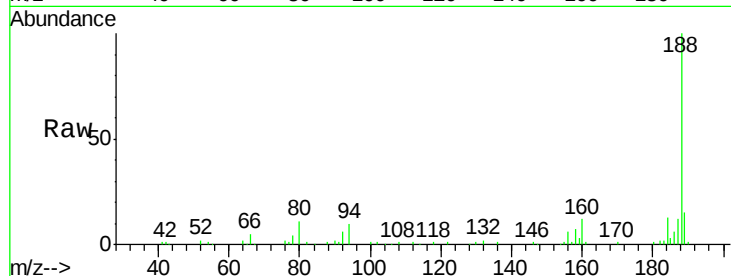
Tot Ion:188 Resp: 78438

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.2

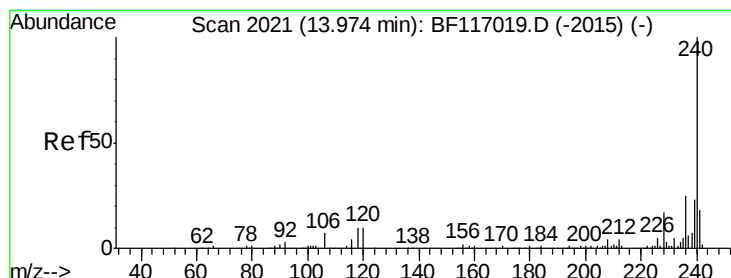
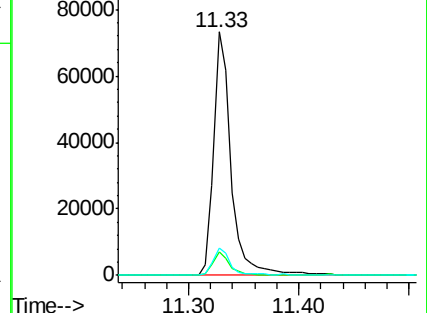
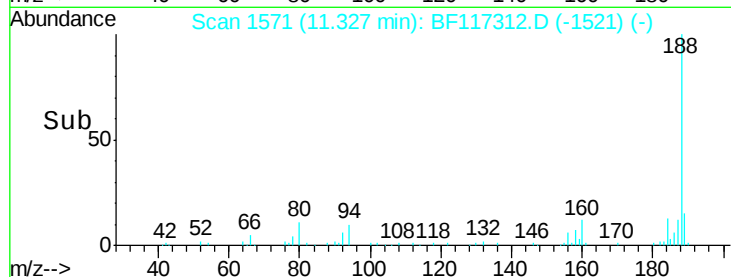
80 11.4 9.0 13.6



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: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF117312.D

Acq: 2 Oct 2019 20:56

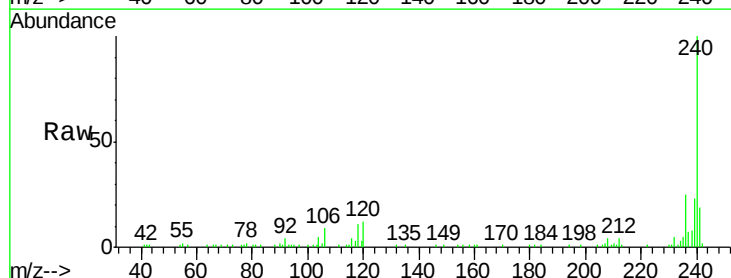
Tgt Ion:240 Resp: 55724

Ion Ratio Lower Upper

240 100

120 11.7 8.3 12.5

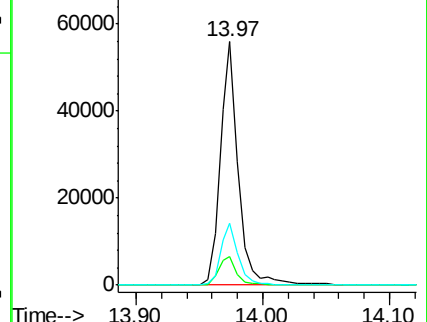
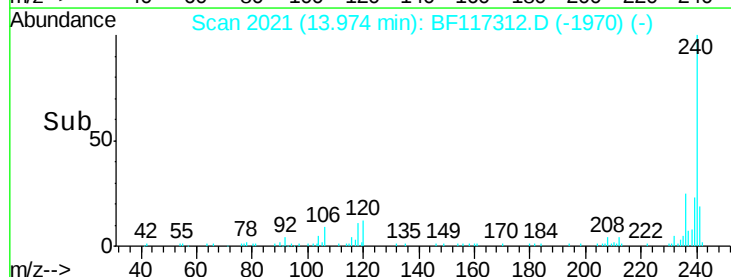
236 25.3 20.3 30.5

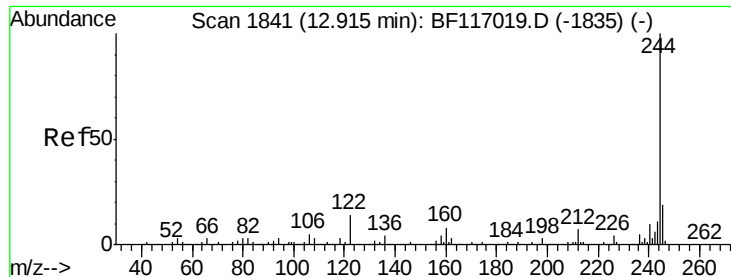


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

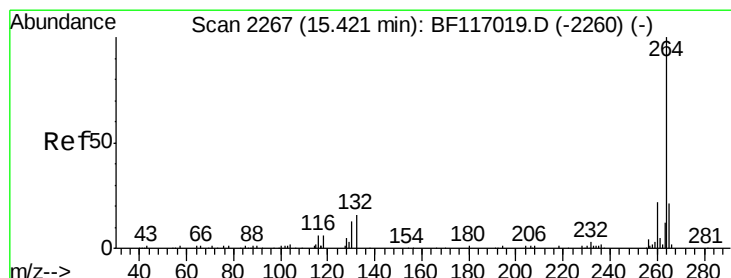
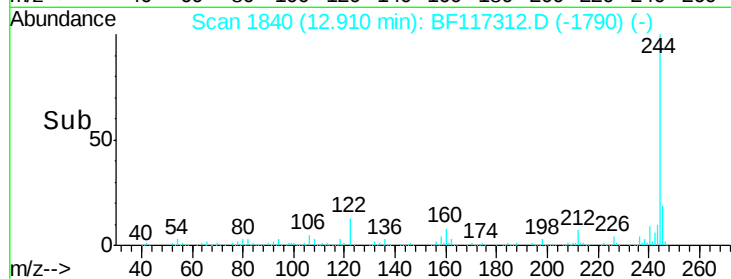
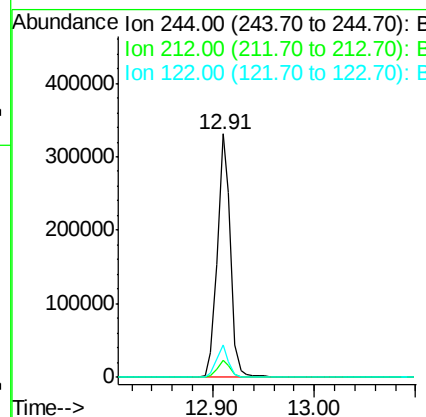
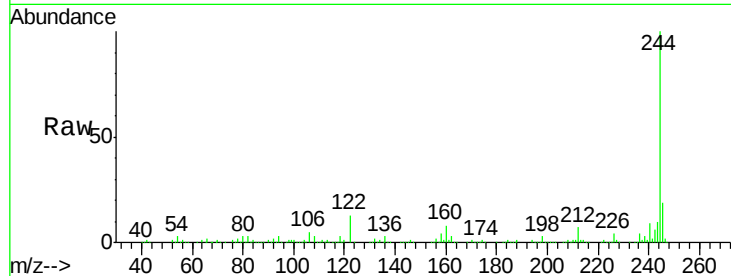




#79
 Terphenyl-d14
 Concen: 100.335 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117312.D
 Acq: 2 Oct 2019 20:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-GROUNDWATER

Tot Ion:244 Resp: 299113
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 13.5 11.3 16.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. 0.01 min
 Lab File: BF117312.D
 Acq: 2 Oct 2019 20:56

Tgt Ion:264 Resp: 50831
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.6 26.4
 265 21.1 16.6 24.8

