

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114308.D
 Acq On : 16 May 2019 14:55
 Operator : JU/SJ
 Sample : K2852-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-GROUNDWATER

Quant Time: May 17 08:23:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

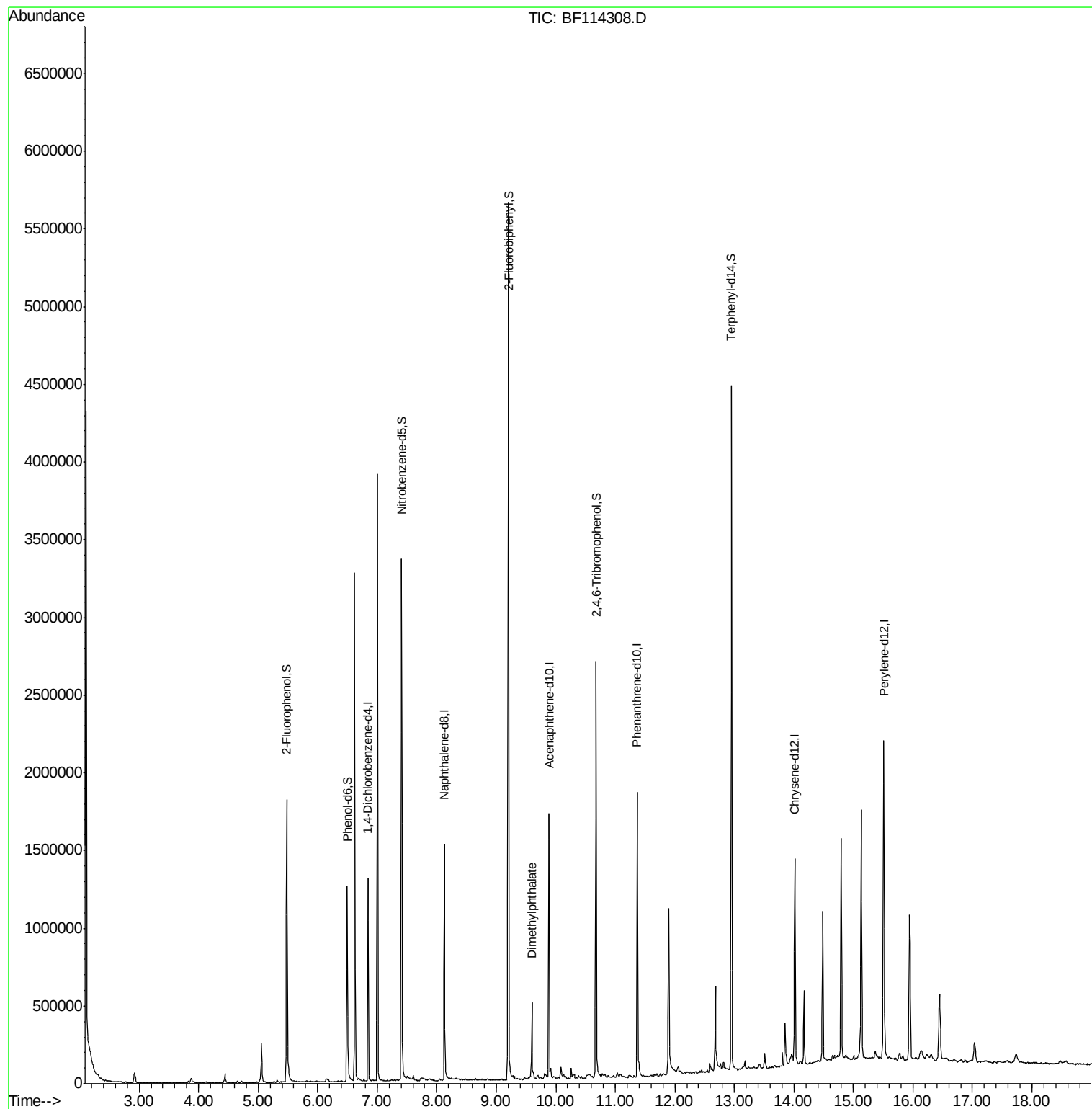
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	185698	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	726667	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	348777	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	698189	20.00	ng	0.00
76) Chrysene-d12	14.02	240	456482	20.00	ng	0.00
87) Perylene-d12	15.50	264	466700	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	543081	47.06	ng	0.00
7) Phenol-d6	6.49	99	480684	35.22	ng	0.00
23) Nitrobenzene-d5	7.41	82	1038238	80.18	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	315428	87.48	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1741827	75.54	ng	0.00
79) Terphenyl-d14	12.95	244	1555800	70.26	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	207753	8.114	ng	Qvalue 100

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

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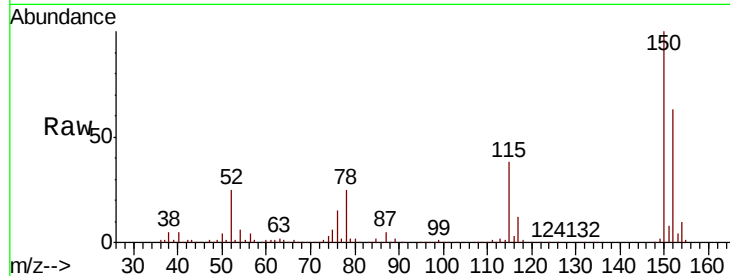


#1

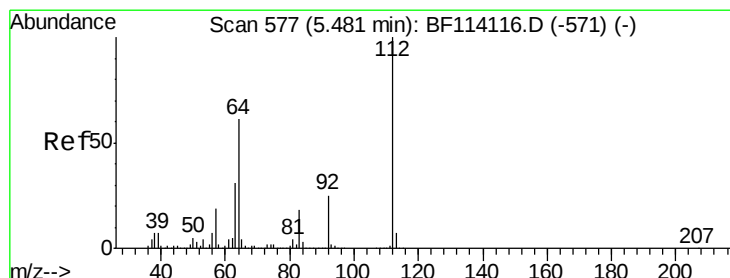
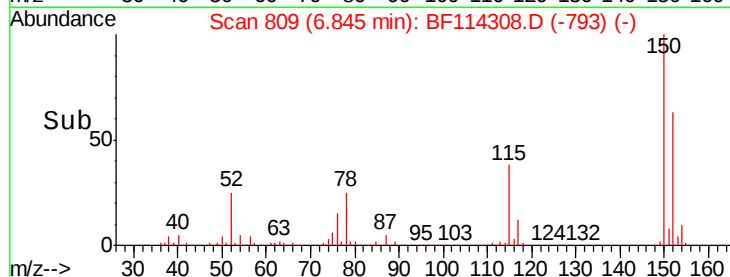
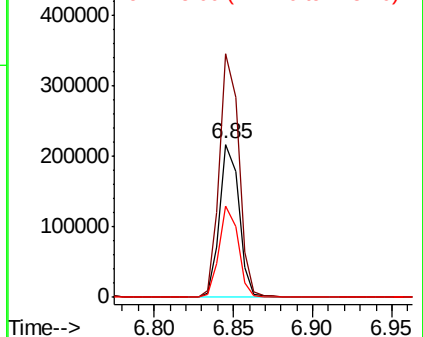
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114308.D
Acq: 16 May 2019 14:55

Instrument :
BNA_F
ClientSampleId :
TP-GROUNDWATER

Tot Ion:152 Resp: 185698
Ion Ratio Lower Upper
152 100
150 158.9 124.3 186.5
115 60.0 49.1 73.7



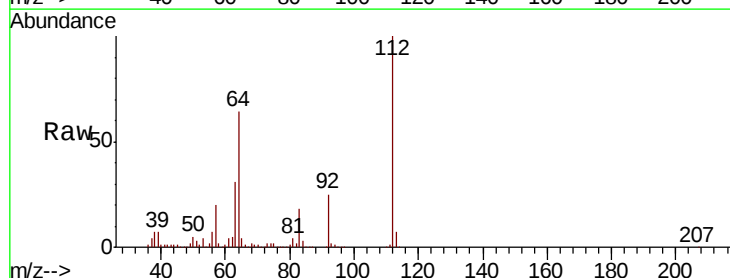
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



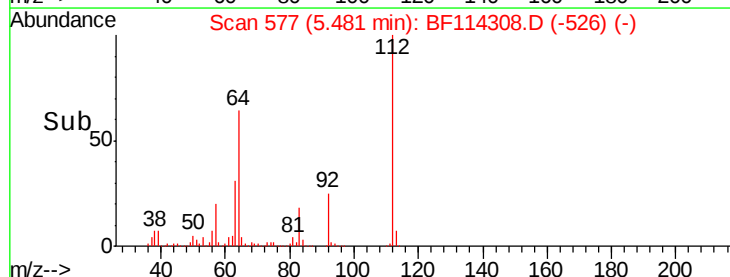
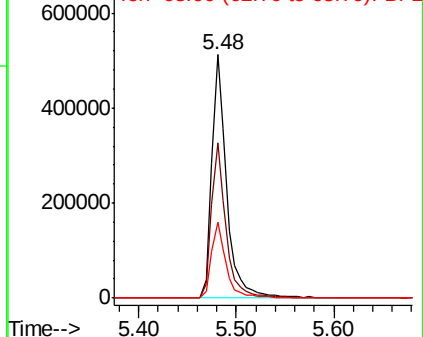
#5

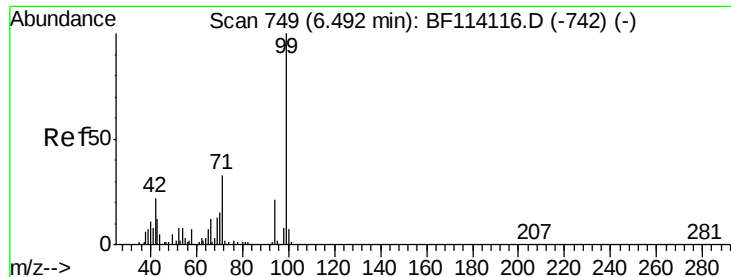
2-Fluorophenol
Concen: 47.063 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114308.D
Acq: 16 May 2019 14:55

Tgt Ion:112 Resp: 543081
Ion Ratio Lower Upper
112 100
64 63.7 49.0 73.6
63 31.1 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: 35.220 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114308.D

Acq: 16 May 2019 14:55

Instrument :

BNA_F

ClientSampleId :

TP-GROUNDWATER

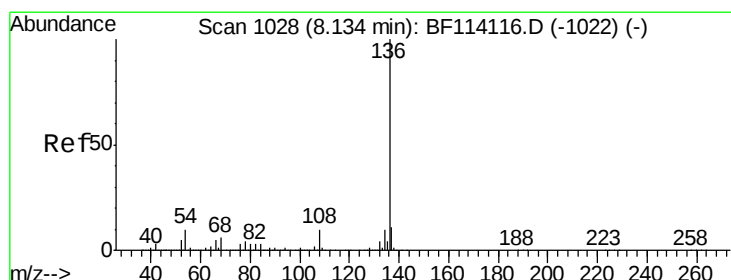
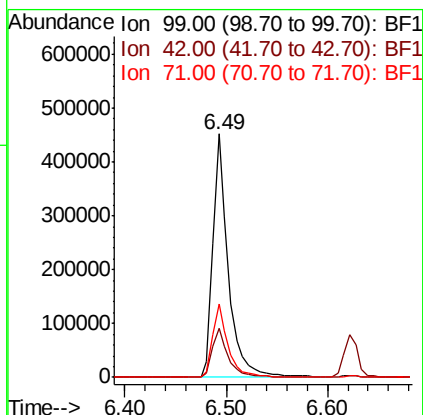
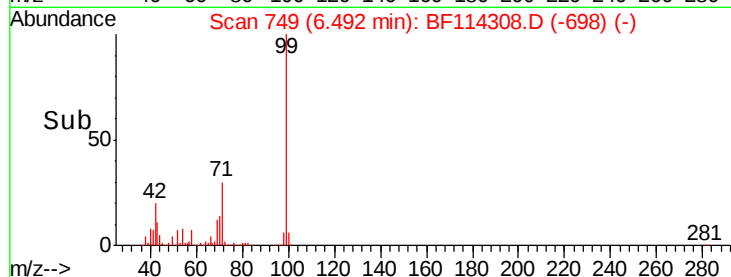
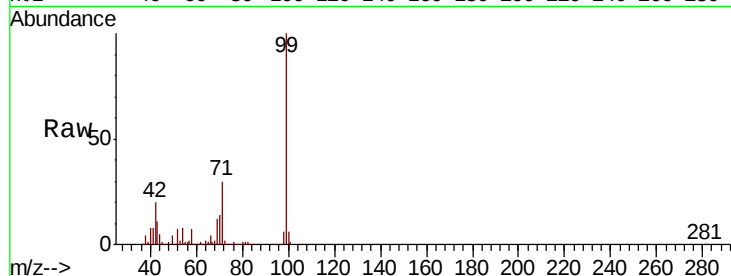
Tot Ion: 99 Resp: 480684

Ion Ratio Lower Upper

99 100

42 20.2 17.9 26.9

71 30.1 26.2 39.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114308.D

Acq: 16 May 2019 14:55

Tgt Ion: 136 Resp: 726667

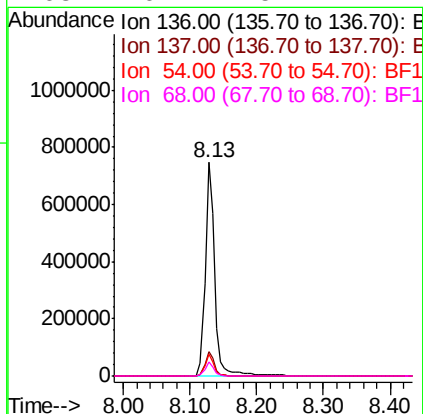
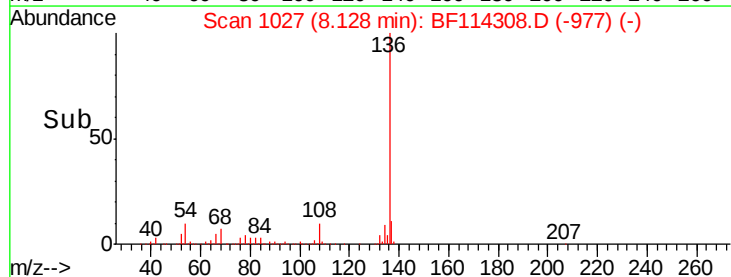
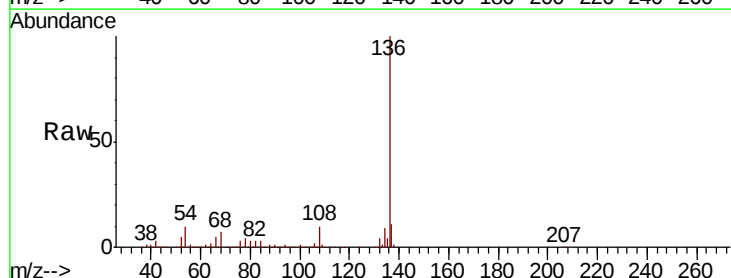
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.9 7.8 11.8

68 6.7 5.1 7.7





#23

Nitrobenzene-d5

Concen: 80.183 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF114308.D

Acq: 16 May 2019 14:55

Instrument :

BNA_F

ClientSampleId :

TP-GROUNDWATER

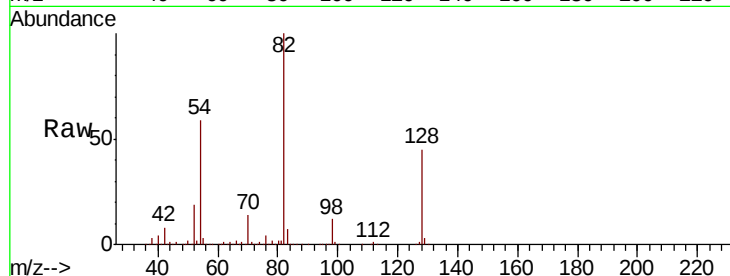
Tot Ion: 82 Resp: 1038238

Ion Ratio Lower Upper

82 100

128 44.9 35.5 53.3

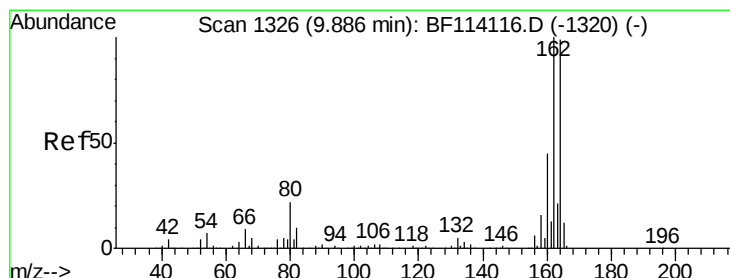
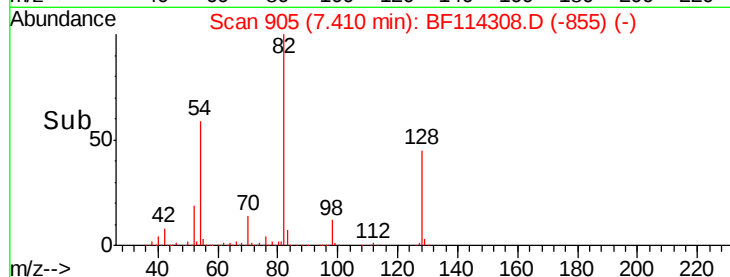
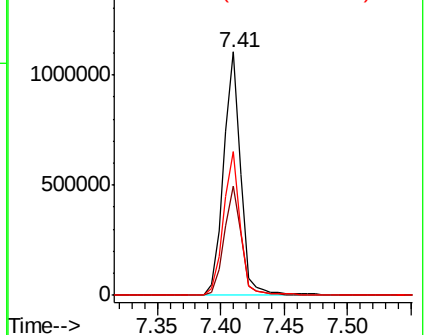
54 59.1 48.5 72.7



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF114308.D

Acq: 16 May 2019 14:55

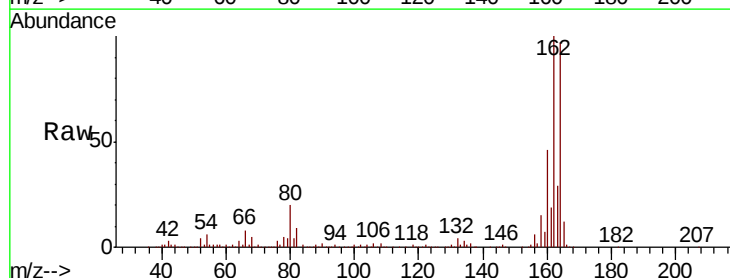
Tgt Ion:164 Resp: 348777

Ion Ratio Lower Upper

164 100

162 103.1 80.6 120.8

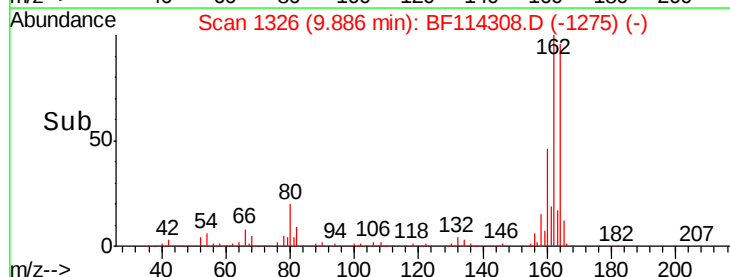
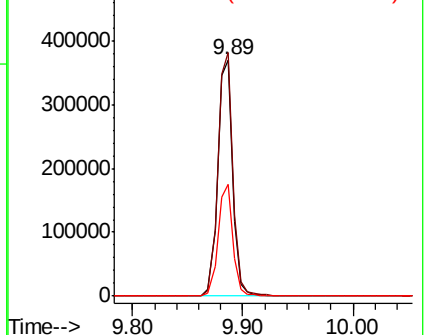
160 47.4 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 87.479 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF114308.D

Acq: 16 May 2019 14:55

Instrument :

BNA_F

ClientSampleId :

TP-GROUNDWATER

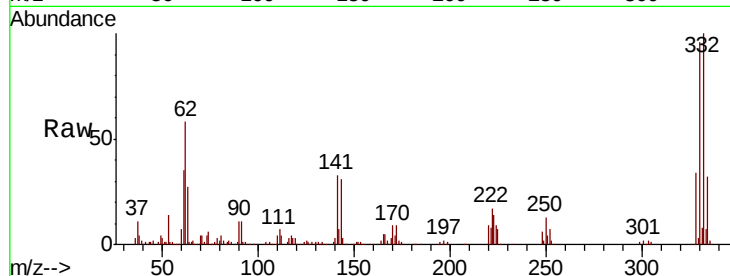
Tot Ion:330 Resp: 315428

Ion Ratio Lower Upper

330 100

332 102.7 81.4 122.2

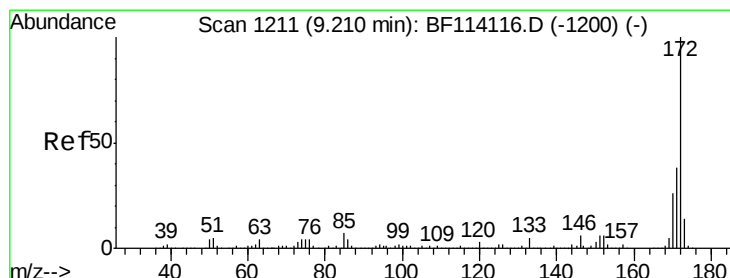
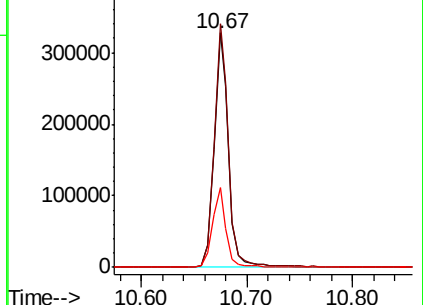
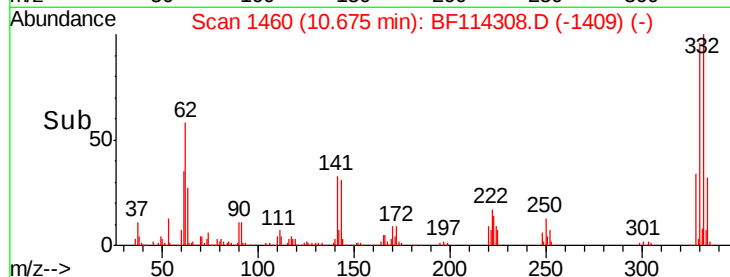
141 32.6 26.6 40.0



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: 75.544 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF114308.D

Acq: 16 May 2019 14:55

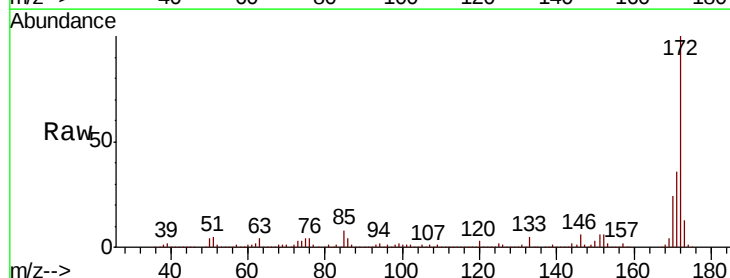
Tgt Ion:172 Resp: 1741827

Ion Ratio Lower Upper

172 100

171 36.3 30.7 46.1

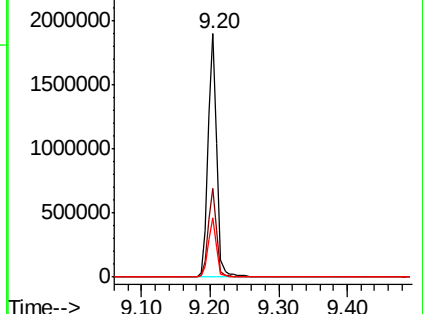
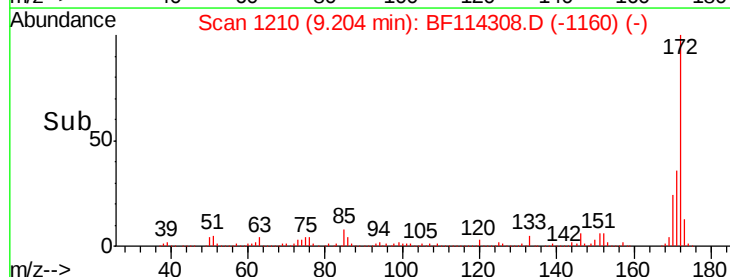
170 24.2 20.5 30.7

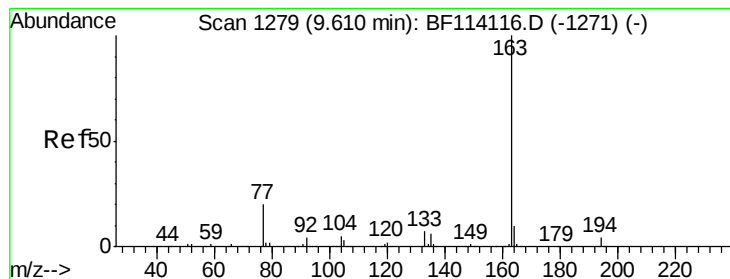


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.114 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF114308.D

Acq: 16 May 2019 14:55

Instrument :

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TP-GROUNDWATER

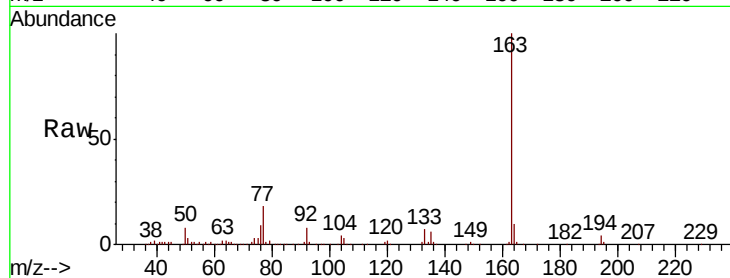
Tot Ion:163 Resp: 207753

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

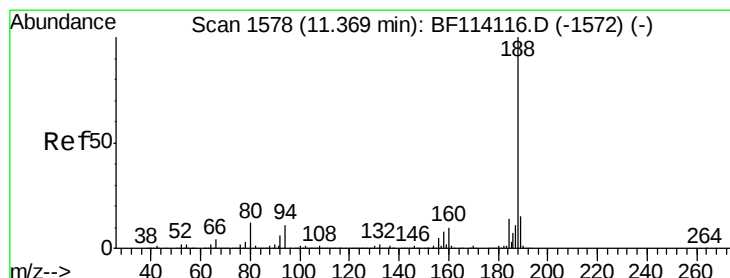
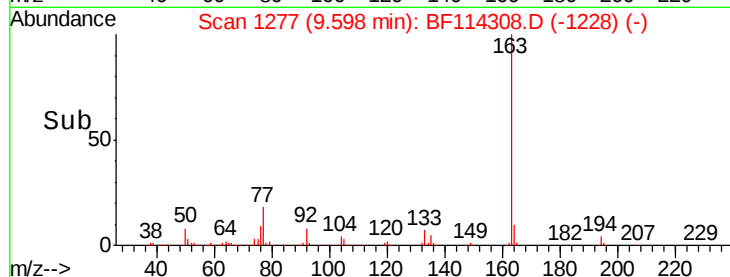
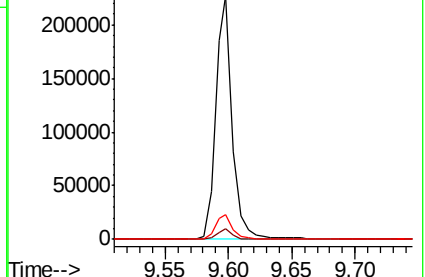
164 10.1 8.2 12.2



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF114308.D

Acq: 16 May 2019 14:55

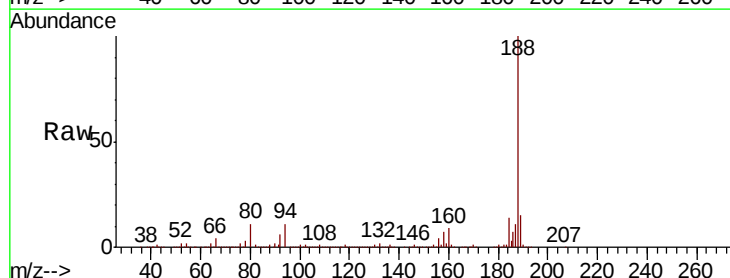
Tgt Ion:188 Resp: 698189

Ion Ratio Lower Upper

188 100

94 11.4 8.4 12.6

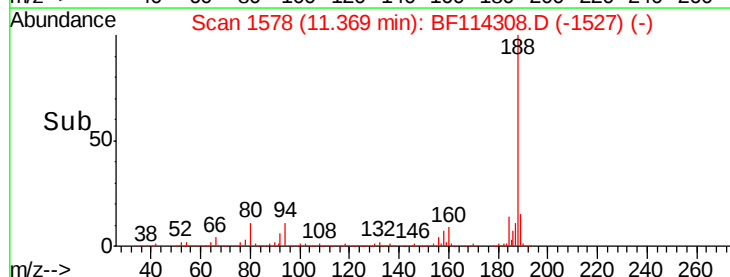
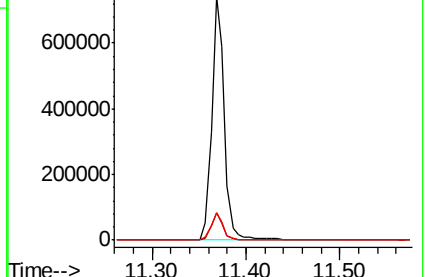
80 11.2 9.2 13.8

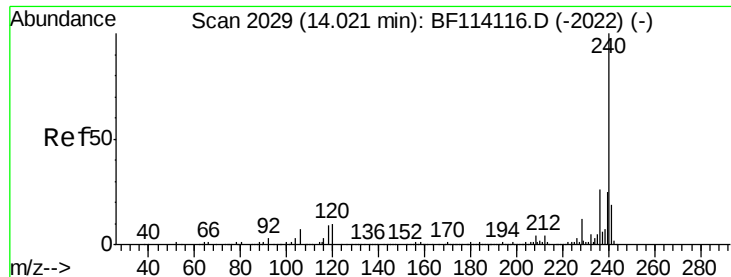


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

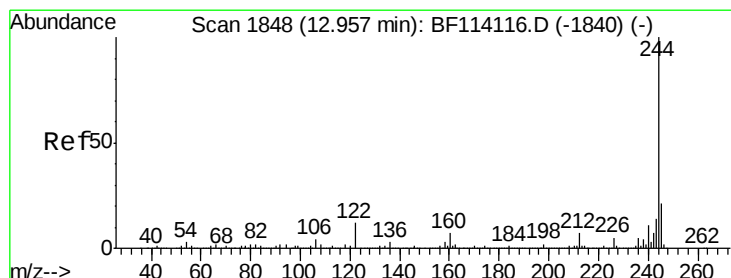
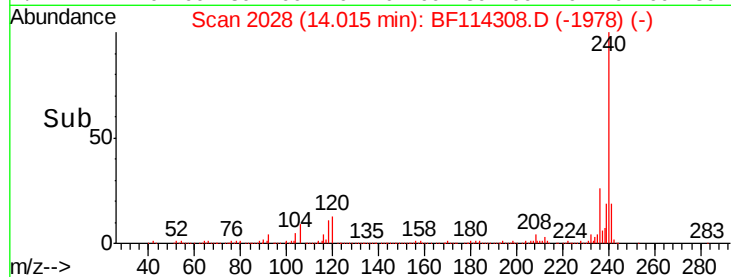
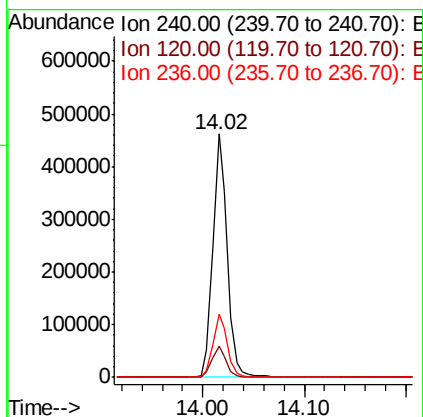
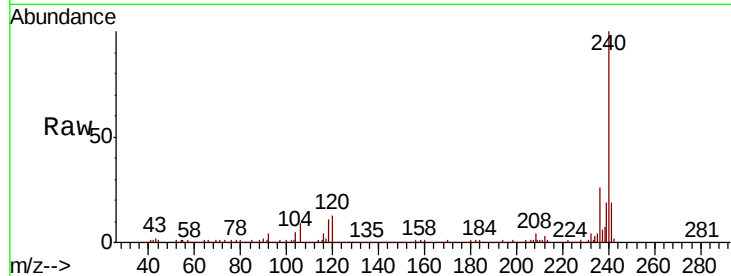




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF114308.D
Acq: 16 May 2019 14:55

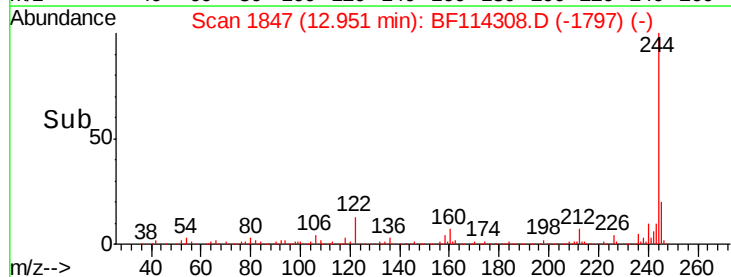
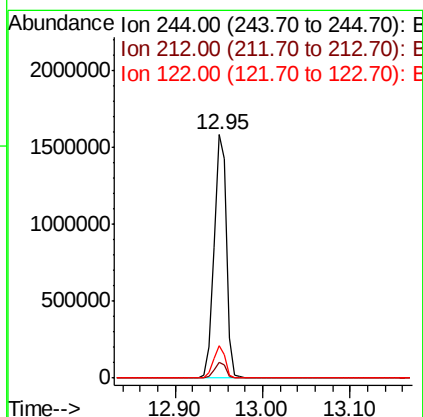
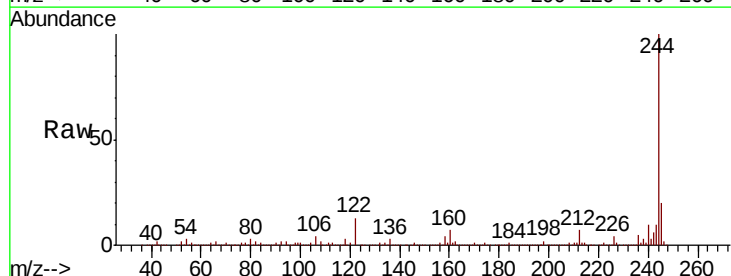
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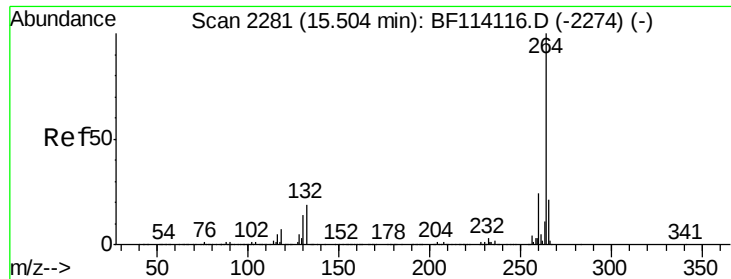
Tot Ion:240 Resp: 456482
Ion Ratio Lower Upper
240 100
120 13.0 8.3 12.5#
236 26.0 20.8 31.2



#79
Terphenyl-d14
Concen: 70.259 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114308.D
Acq: 16 May 2019 14:55

Tgt Ion:244 Resp: 1555800
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.6
122 13.2 9.4 14.2

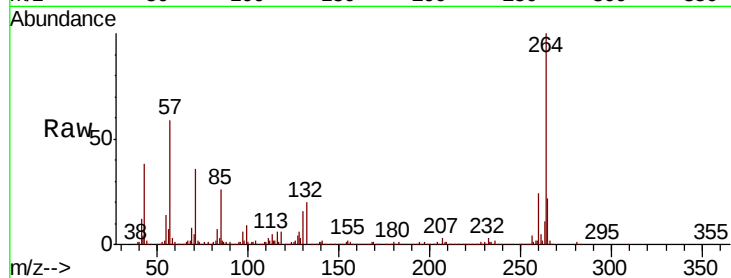




#87
Pervlone-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF114308.D
Acq: 16 May 2019 14:55

Instrument :
BNA_F
ClientSampleId :
TP-GROUNDWATER

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	21.6	16.9	25.3



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

