

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072319\
 Data File : BF115735.D
 Acq On : 23 Jul 2019 22:36
 Operator : HP/JU
 Sample : K3926-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POLY-TANK-GROUNDWATER

Quant Time: Jul 24 06:59:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

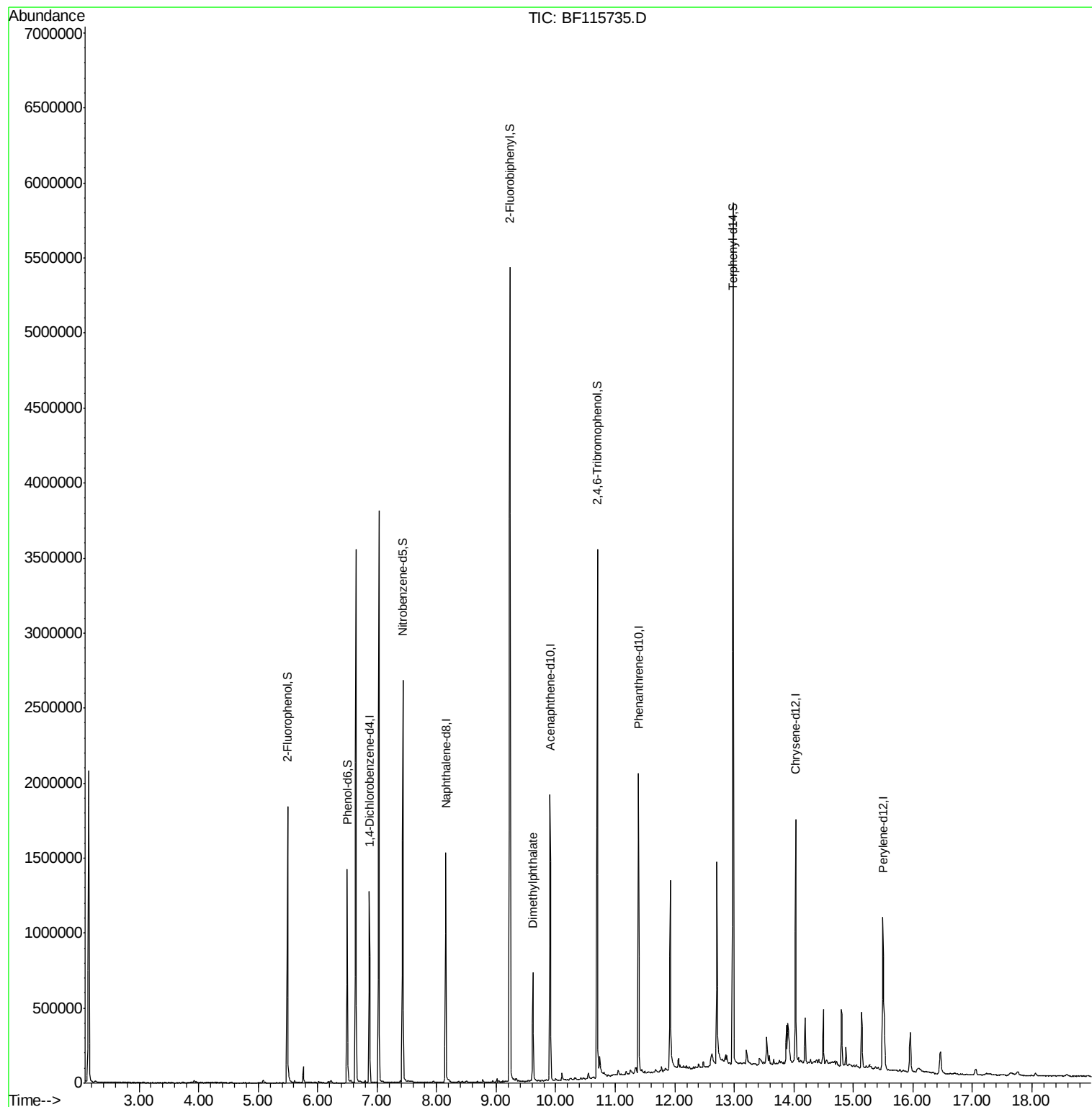
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	175820	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	687368	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	382850	20.00	ng	-0.02
64) Phenanthrene-d10	11.39	188	700858	20.00	ng	-0.02
76) Chrysene-d12	14.03	240	529843	20.00	ng	-0.02
87) Perylene-d12	15.50	264	479552	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	568667	52.90	ng	-0.01
7) Phenol-d6	6.49	99	465791	34.15	ng	-0.02
23) Nitrobenzene-d5	7.43	82	1045052	88.40	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	516233	115.52	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1850517	84.60	ng	-0.02
79) Terphenyl-d14	12.98	244	2331735	81.20	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.62	163	265648	9.222	ng	Qvalue 98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.02 min

Lab File: BF115735.D

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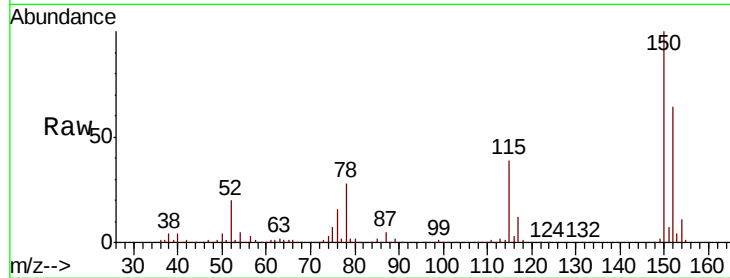
Tot Ion:152 Resp: 175820

Ion Ratio Lower Upper

152 100

150 156.9 129.7 194.5

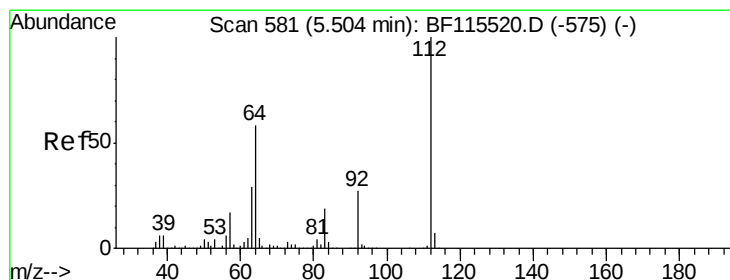
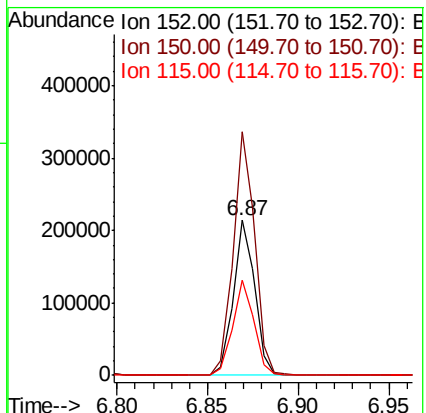
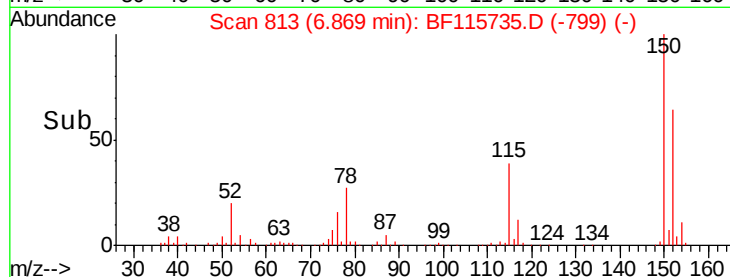
115 61.2 48.2 72.4



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: 52.905 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF115735.D

Acq: 23 Jul 2019 22:36

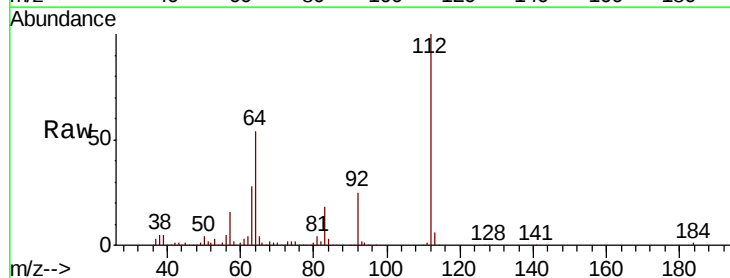
Tgt Ion:112 Resp: 568667

Ion Ratio Lower Upper

112 100

64 53.8 46.8 70.2

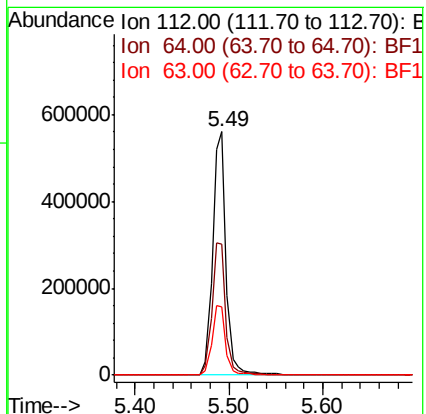
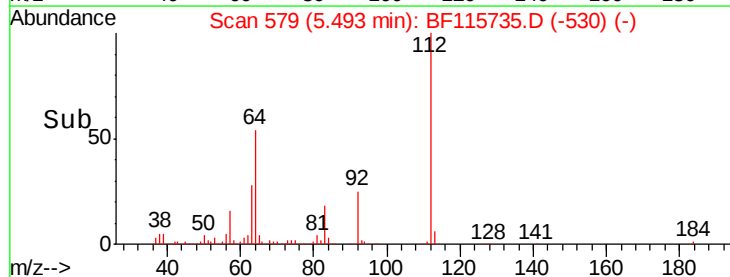
63 28.1 24.1 36.1

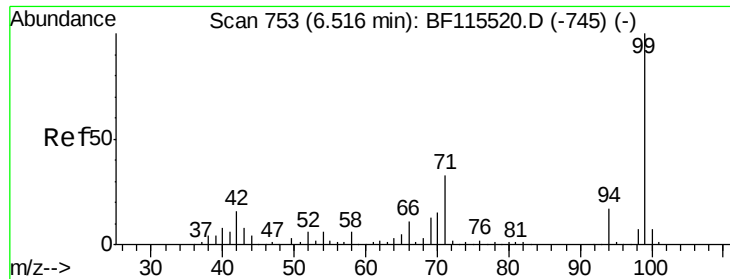


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 34.151 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF115735.D

Acq: 23 Jul 2019 22:36

Instrument :

BNA_F

ClientSampleId :

POLY-TANK-GROUNDWATER

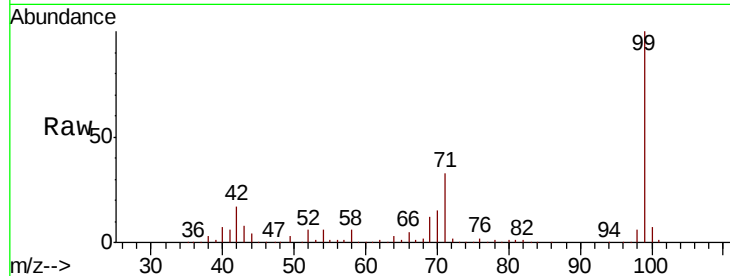
Tot Ion: 99 Resp: 465791

Ion Ratio Lower Upper

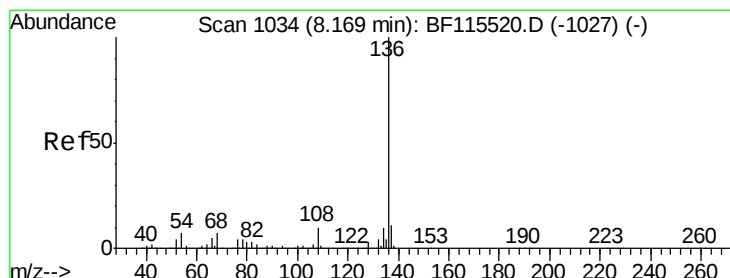
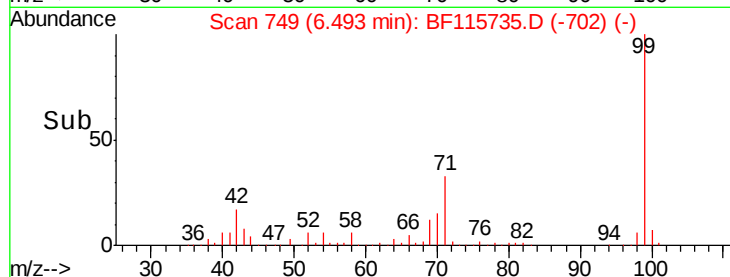
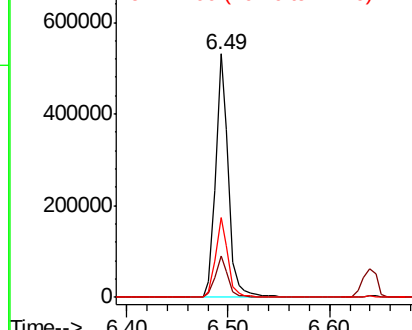
99 100

42 17.0 13.6 20.4

71 32.5 28.5 42.7



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: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF115735.D

Acq: 23 Jul 2019 22:36

Tgt Ion: 136 Resp: 687368

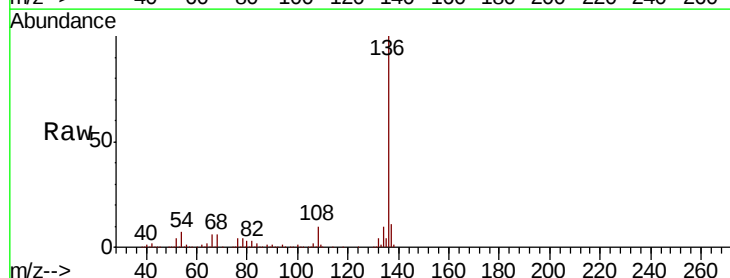
Ion Ratio Lower Upper

136 100

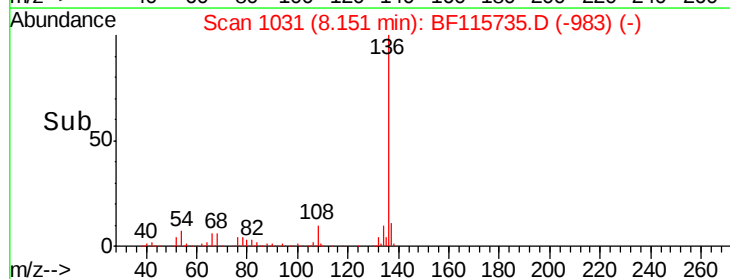
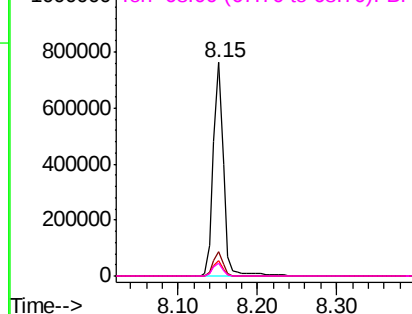
137 11.3 9.0 13.4

54 7.2 5.6 8.4

68 6.2 5.0 7.6



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

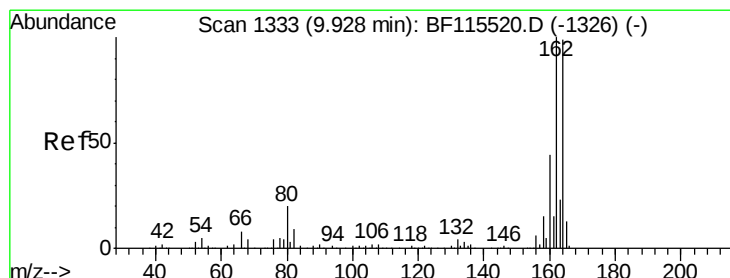
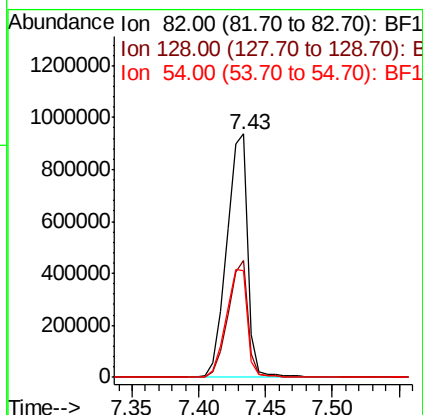
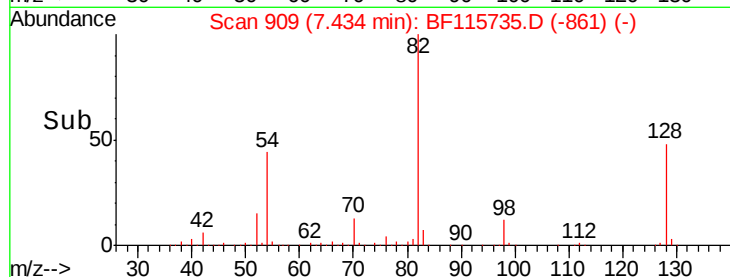
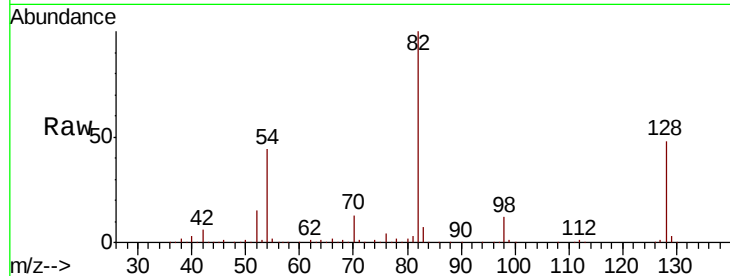




#23
Nitrobenzene-d5
Concen: 88.404 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF115735.D
Acq: 23 Jul 2019 22:36

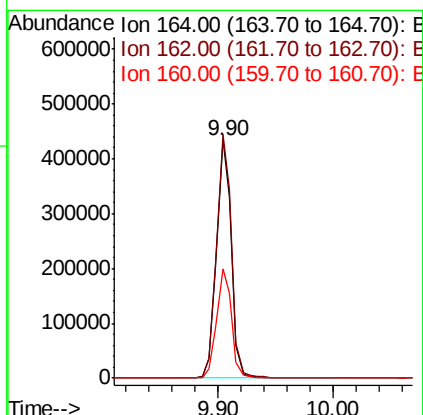
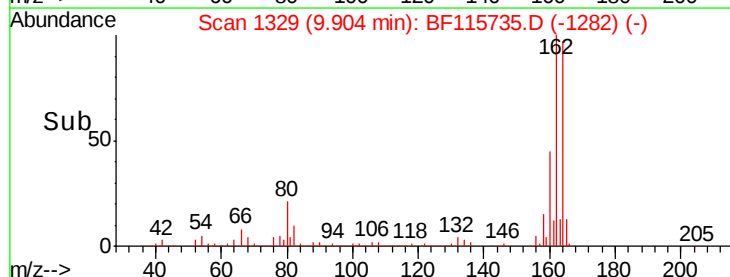
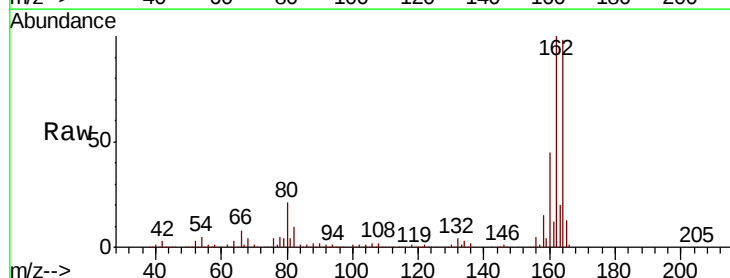
Instrument :
BNA_F
ClientSampleId :
POLY-TANK-GROUNDWATER

Tot Ion: 82 Resp: 1045052
Ion Ratio Lower Upper
82 100
128 48.1 38.6 57.8
54 44.0 35.6 53.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF115735.D
Acq: 23 Jul 2019 22:36

Tgt Ion:164 Resp: 382850
Ion Ratio Lower Upper
164 100
162 102.3 82.9 124.3
160 46.0 36.8 55.2

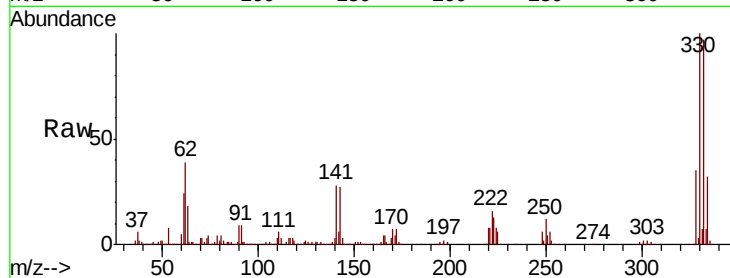




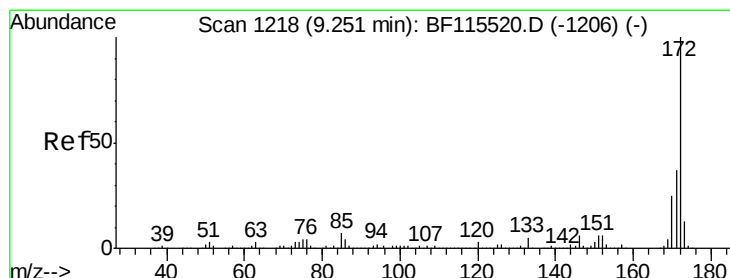
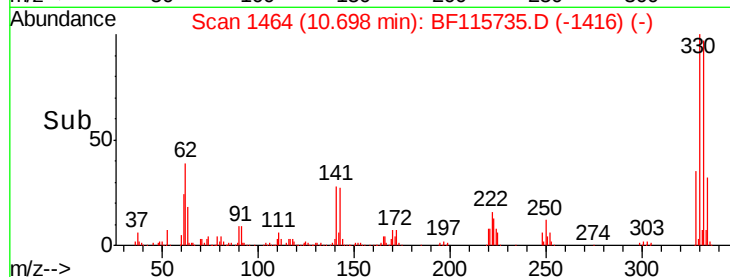
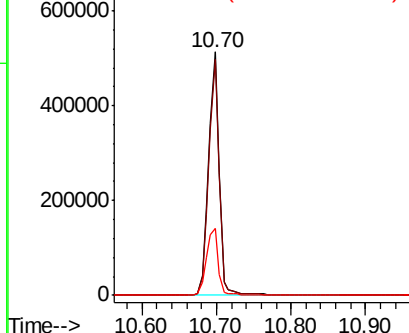
#42
 2,4,6-Tribromophenol
 Concen: 115.520 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF115735.D
 Acq: 23 Jul 2019 22:36

Instrument :
 BNA_F
 ClientSampleId :
 POLY-TANK-GROUNDWATER

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	30.8	22.4	33.6

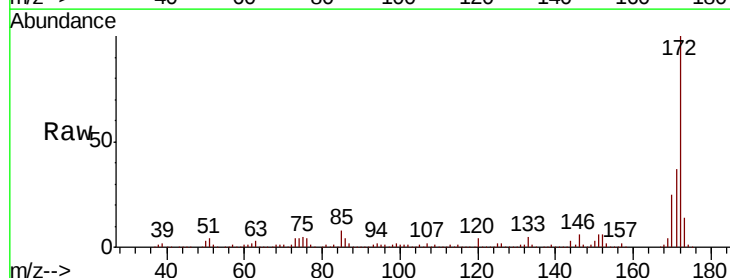


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

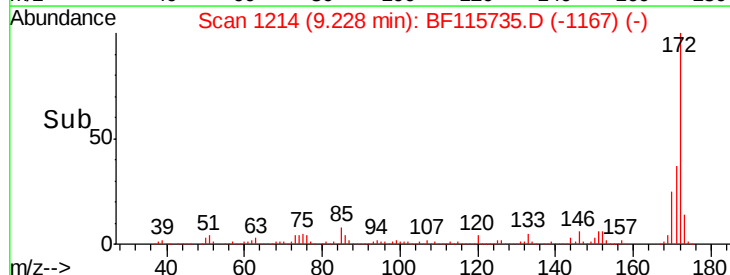
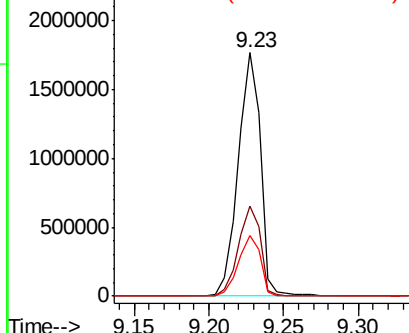


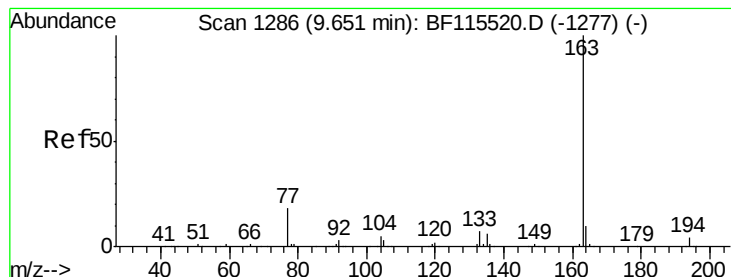
#45
 2-Fluorobiphenyl
 Concen: 84.600 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.02 min
 Lab File: BF115735.D
 Acq: 23 Jul 2019 22:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.6	46.0
170	25.0	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: 9.222 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BF115735.D

Acq: 23 Jul 2019 22:36

Instrument :

BNA_F

ClientSampleId :

POLY-TANK-GROUNDWATER

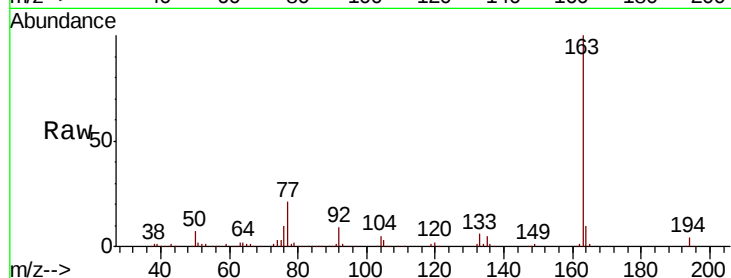
Tot Ion:163 Resp: 265648

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

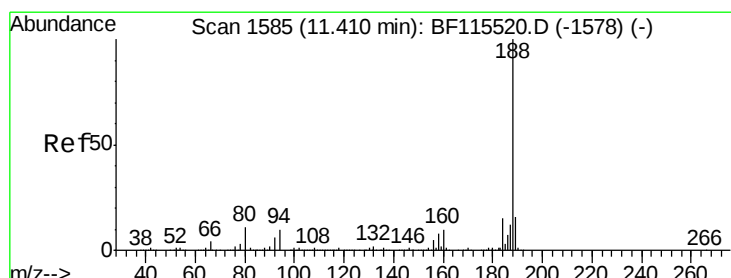
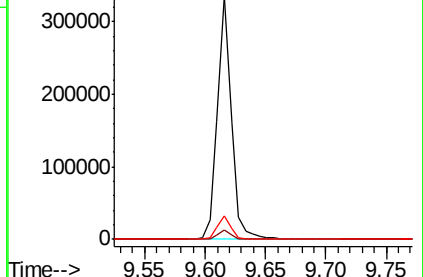
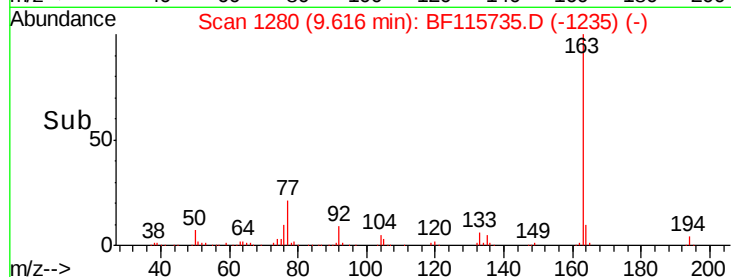
164 9.8 8.7 13.1



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: 11.39 min Scan# 1582

Delta R.T. -0.02 min

Lab File: BF115735.D

Acq: 23 Jul 2019 22:36

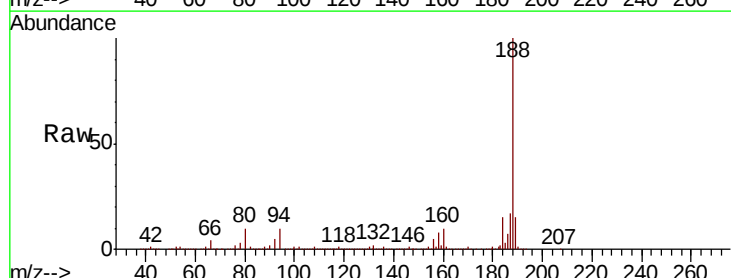
Tgt Ion:188 Resp: 700858

Ion Ratio Lower Upper

188 100

94 9.6 7.8 11.6

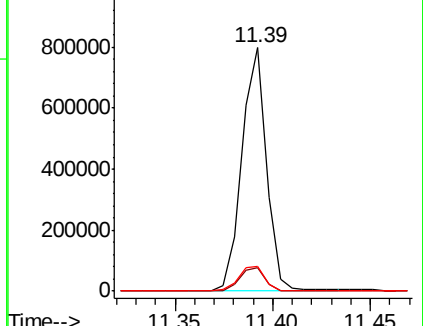
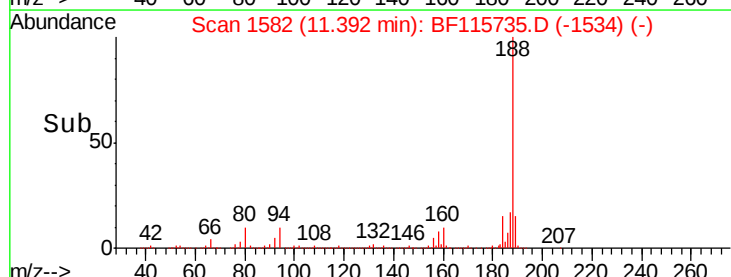
80 10.1 8.6 13.0

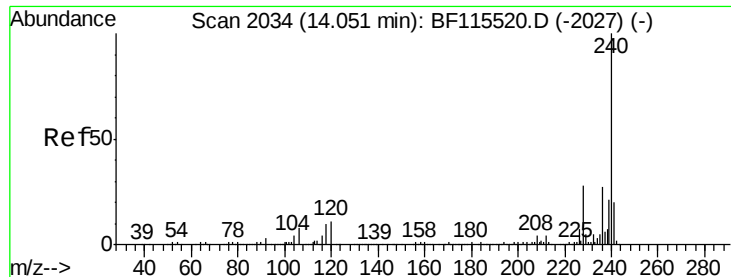


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

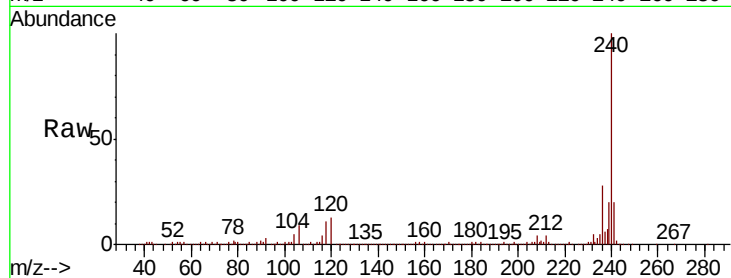




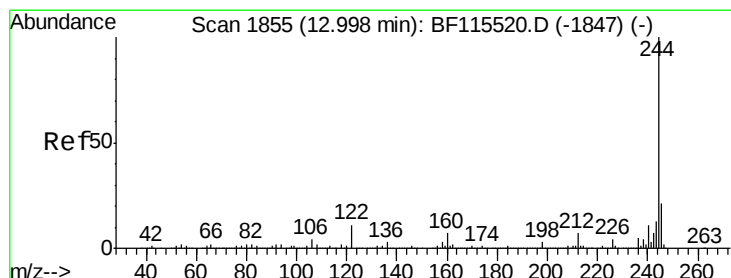
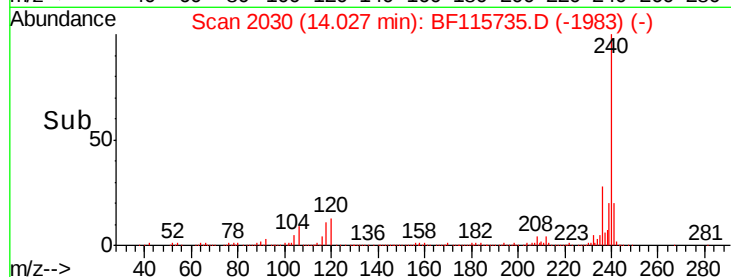
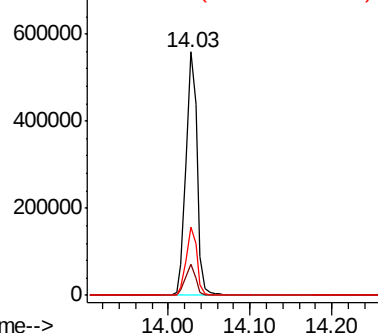
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BF115735.D
 Acq: 23 Jul 2019 22:36

Instrument :
 BNA_F
 ClientSampleId :
 POLY-TANK-GROUNDWATER

Tot Ion:240 Resp: 529843
 Ion Ratio Lower Upper
 240 100
 120 12.8 8.6 13.0
 236 27.9 21.3 31.9

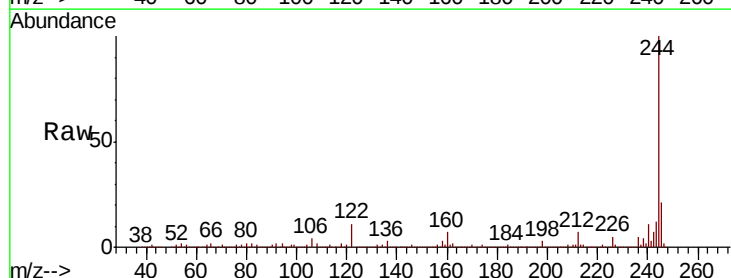


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

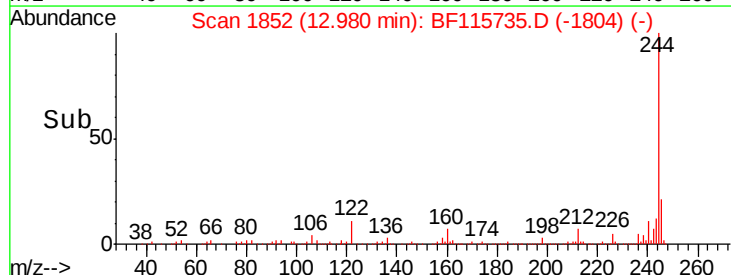
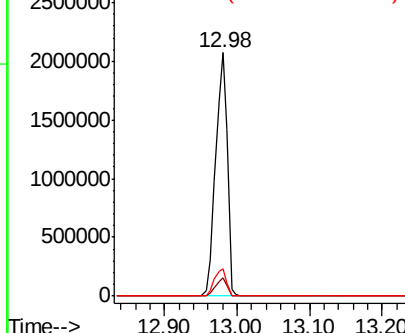


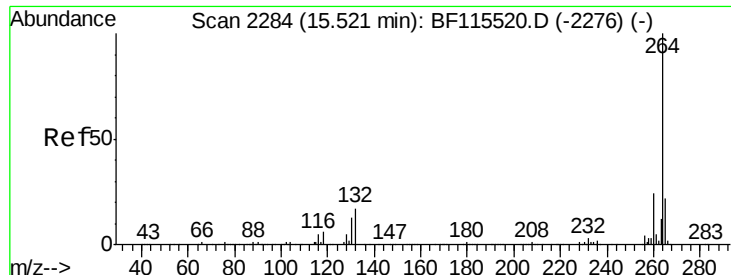
#79
 Terphenyl-d14
 Concen: 81.202 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF115735.D
 Acq: 23 Jul 2019 22:36

Tgt Ion:244 Resp: 2331735
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 11.2 8.6 12.8



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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF115735.D
Acq: 23 Jul 2019 22:36

Instrument :
BNA_F
ClientSampleId :
POLY-TANK-GROUNDWATER

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.8
265	21.7	17.7	26.5

