

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
 Data File : BF120139.D
 Acq On : 22 Apr 2020 18:54
 Operator : MA/SJ
 Sample : L2341-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-RECLAIM-SEDIMENT-PIT

Quant Time: Apr 23 02:52:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 11:49:00 2020
 Response via : Initial Calibration

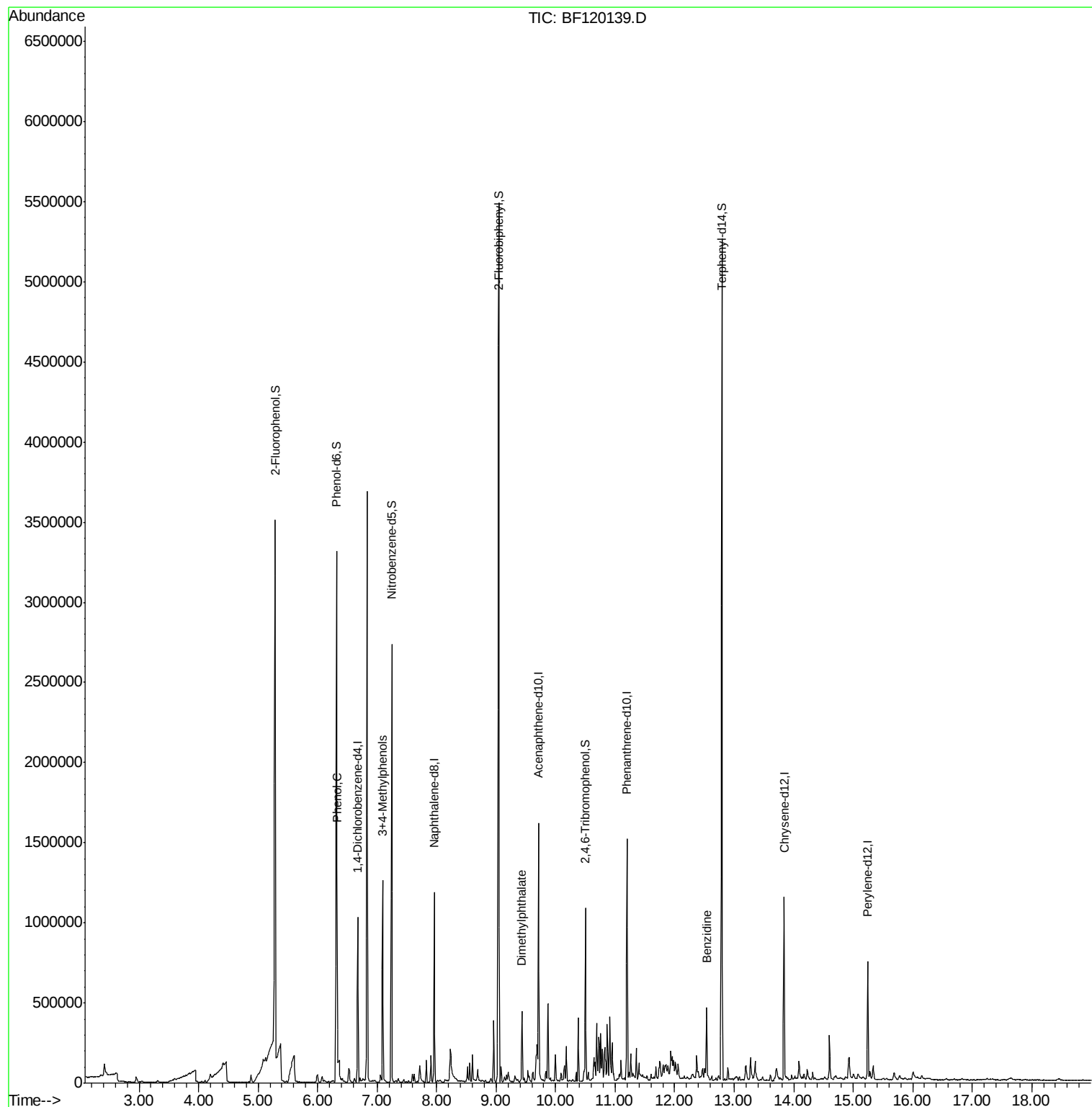
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	137270	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	524171	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	266134	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	502192	20.00	ng	0.00
76) Chrysene-d12	13.84	240	380962	20.00	ng	-0.01
87) Perylene-d12	15.24	264	300521	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	945605	119.05	ng	0.00
7) Phenol-d6	6.32	99	1191940	116.46	ng	0.00
23) Nitrobenzene-d5	7.25	82	874129	86.27	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	124294	38.15	ng	-0.01
45) 2-Fluorobiphenyl	9.05	172	1738851	92.76	ng	0.00
79) Terphenyl-d14	12.80	244	1998867	88.29	ng	0.00
Target Compounds						
10) Phenol	6.33	94	59045	5.09	ng	Qvalue 90
20) 3+4-Methylphenols	7.09	107	257376	26.57	ng	# 74
50) Dimethylphthalate	9.43	163	134830	6.55	ng	99
77) Benzidine	12.54	184	170100	13.21	ng	97

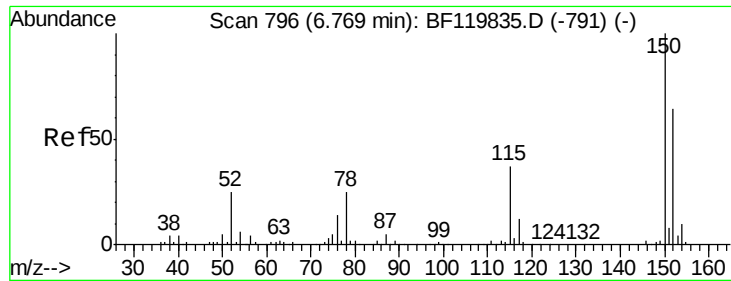
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
Data File : BF120139.D
Acq On : 22 Apr 2020 18:54
Operator : MA/SJ
Sample : L2341-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WATER-RECLAIM-SEDIMENT-PIT

Quant Time: Apr 23 02:52:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 11:49:00 2020
Response via : Initial Calibration

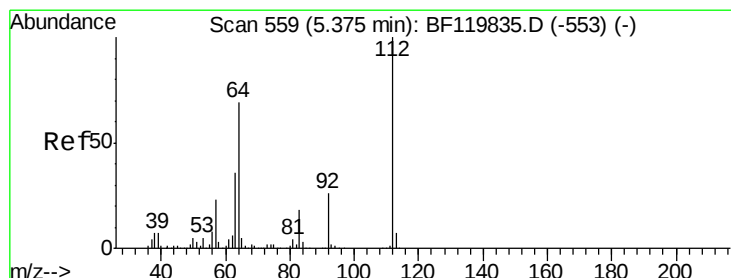
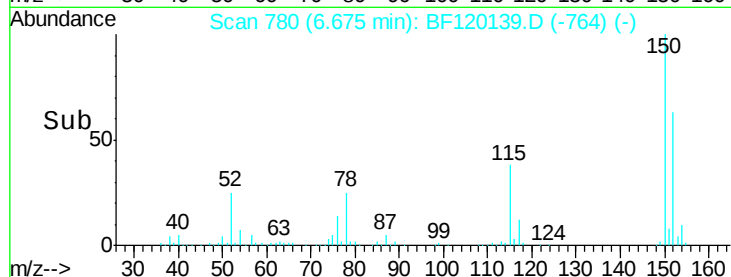
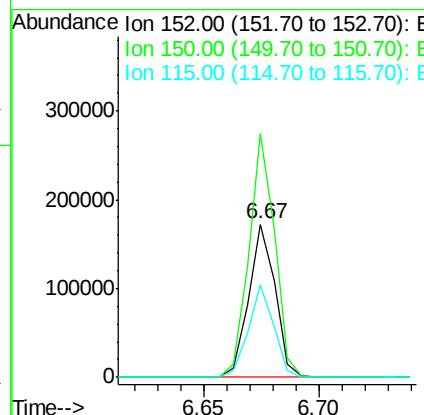
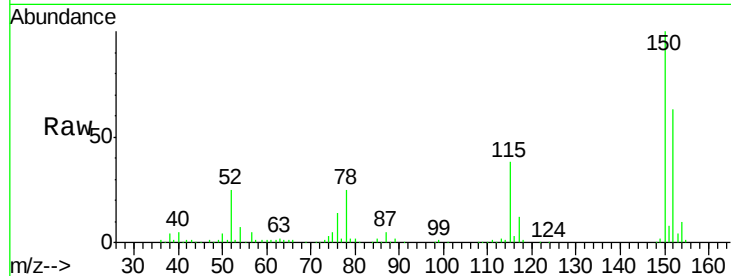




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF120139.D
 Acq: 22 Apr 2020 18:54

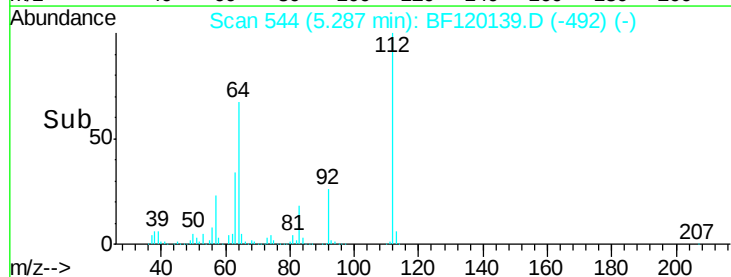
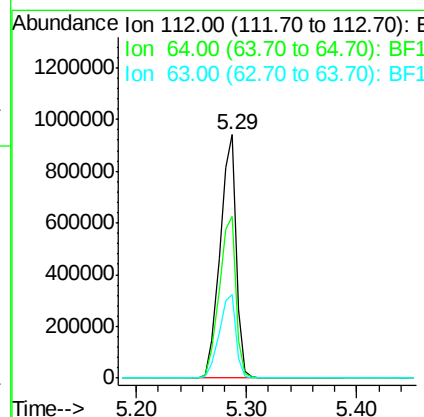
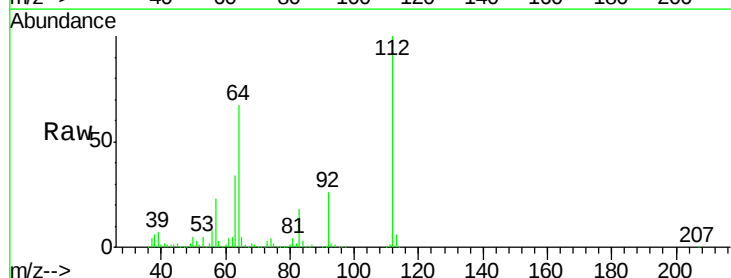
Instrument :
 BNA_F
 ClientSampleId :
 WATER-RECLAIM-SEDIMENT-PIT

Tgt Ion:152 Resp: 137270
 Ion Ratio Lower Upper
 152 100
 150 159.3 124.5 186.7
 115 60.3 49.6 74.4



#5
 2-Fluorophenol
 Concen: 119.05 ng
 RT: 5.29 min Scan# 544
 Delta R.T. 0.01 min
 Lab File: BF120139.D
 Acq: 22 Apr 2020 18:54

Tgt Ion:112 Resp: 945605
 Ion Ratio Lower Upper
 112 100
 64 66.6 56.7 85.1
 63 34.5 29.5 44.3





#7

Phenol-d6

Concen: 116.46 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF120139.D

Acq: 22 Apr 2020 18:54

Instrument :

BNA_F

ClientSampleId :

WATER-RECLAIM-SEDIMENT-PIT

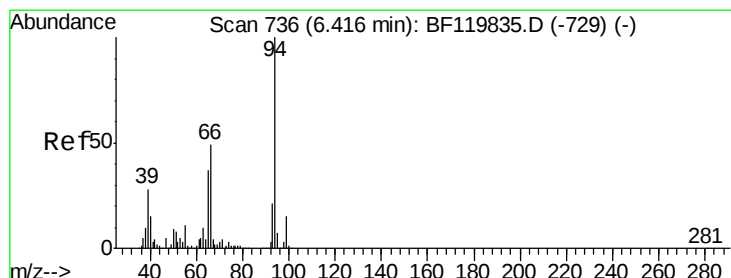
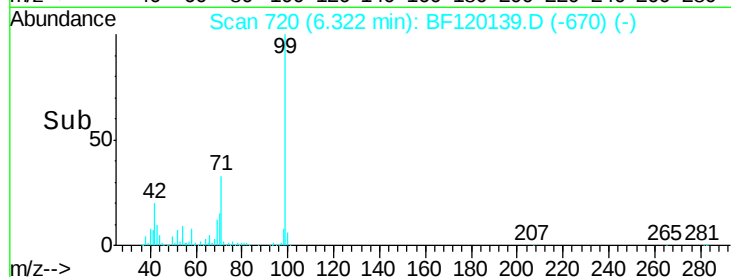
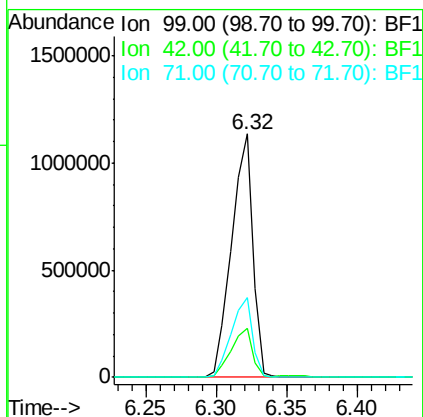
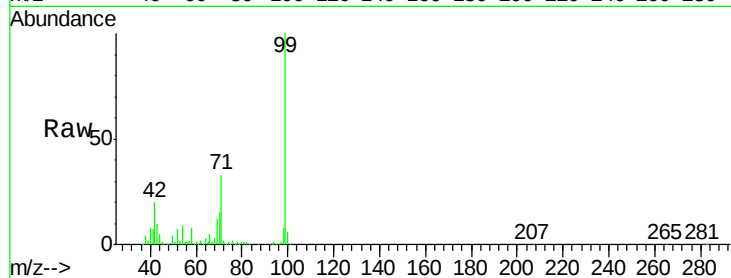
Tgt Ion: 99 Resp: 1191940

Ion Ratio Lower Upper

99 100

42 20.1 16.6 24.8

71 32.6 26.4 39.6



#10

Phenol

Concen: 5.09 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF120139.D

Acq: 22 Apr 2020 18:54

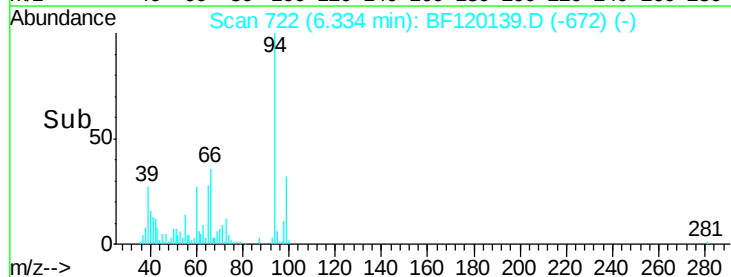
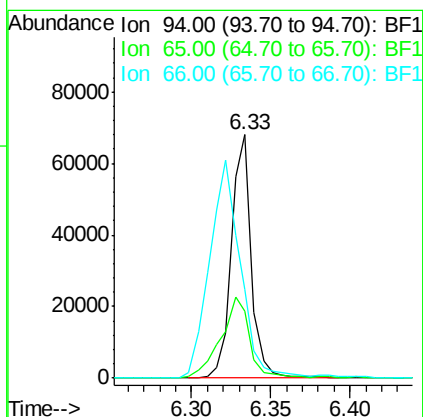
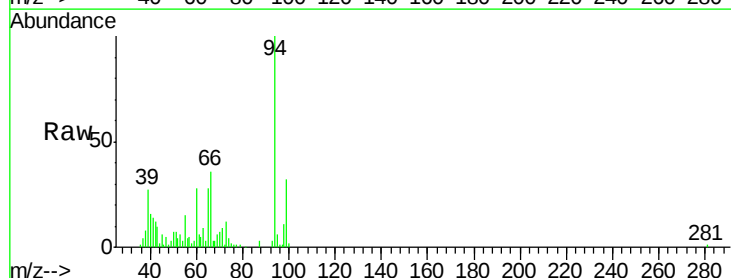
Tgt Ion: 94 Resp: 59045

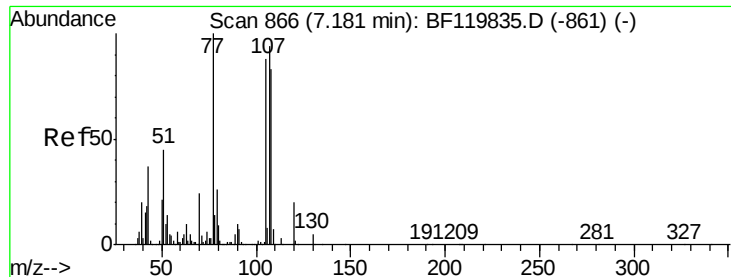
Ion Ratio Lower Upper

94 100

65 27.7 13.2 53.2

66 36.2 22.3 62.3

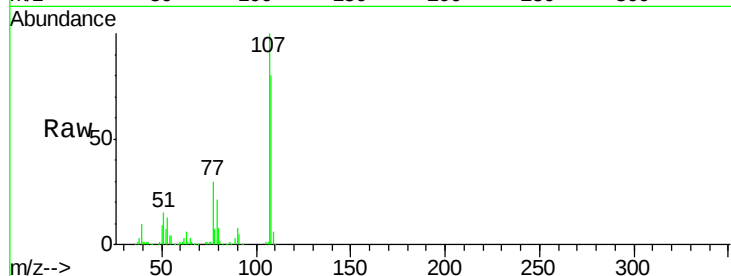




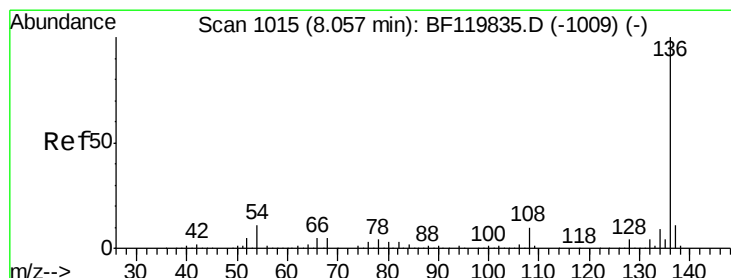
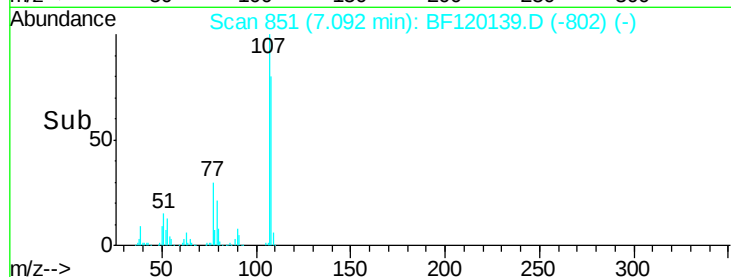
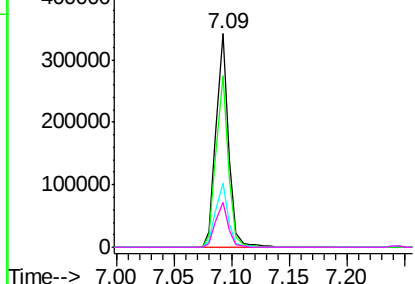
#20
 3+4-Methylphenols
 Concen: 26.57 ng
 RT: 7.09 min Scan# 851
 Delta R.T. -0.01 min
 Lab File: BF120139.D
 Acq: 22 Apr 2020 18:54

Instrument :
 BNA_F
 ClientSampleId :
 WATER-RECLAIM-SEDIMENT-PIT

Tgt Ion:	107	Resp:	257376
Ion	Ratio	Lower	Upper
107	100		
108	80.1	67.9	107.9
77	30.0	52.9	92.9#
79	20.8	7.7	47.7

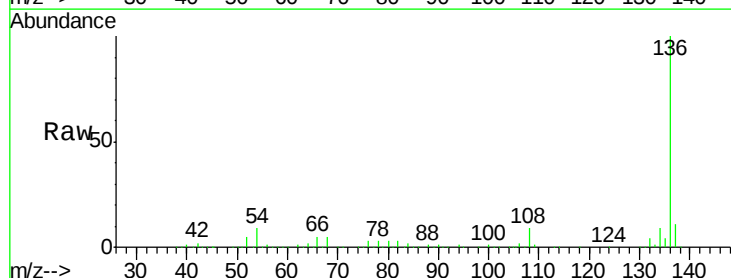


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF1
 Ion 79.00 (78.70 to 79.70): BF1

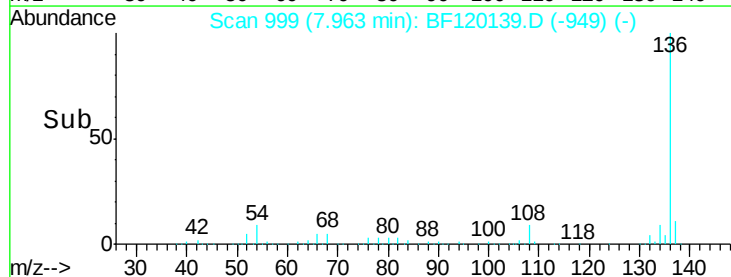
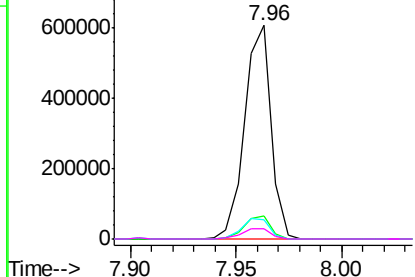


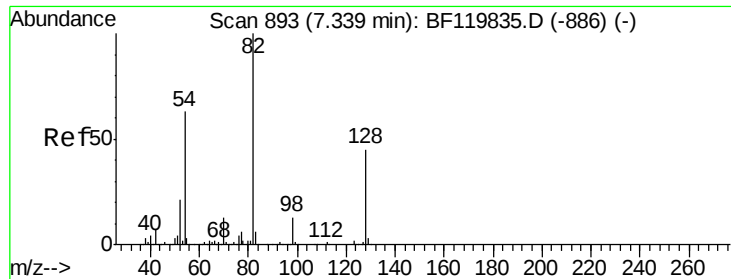
#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF120139.D
 Acq: 22 Apr 2020 18:54

Tgt Ion:	136	Resp:	524171
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.8	9.1	13.7#
68	5.1	4.6	6.8



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

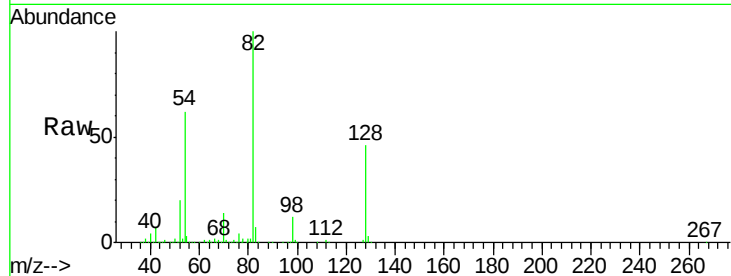




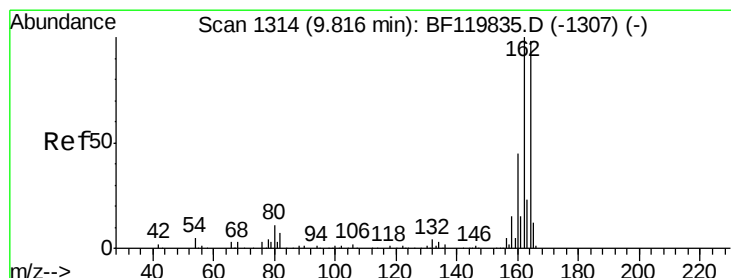
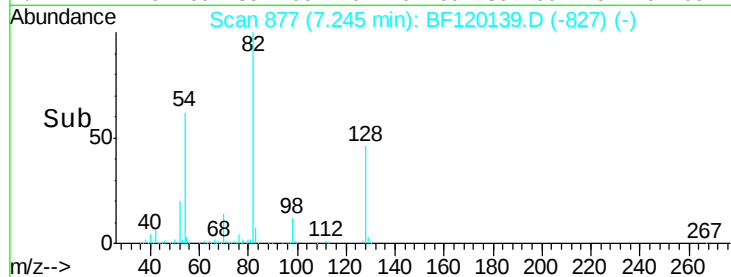
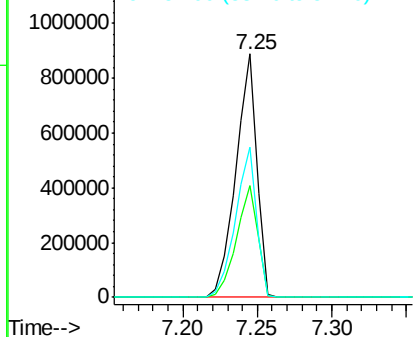
#23
 Nitrobenzene-d5
 Concen: 86.27 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF120139.D
 Acq: 22 Apr 2020 18:54

Instrument :
 BNA_F
 ClientSampleId :
 WATER-RECLAIM-SEDIMENT-PIT

Tgt Ion: 82 Resp: 874129
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.3 54.5
 54 61.7 50.6 75.8

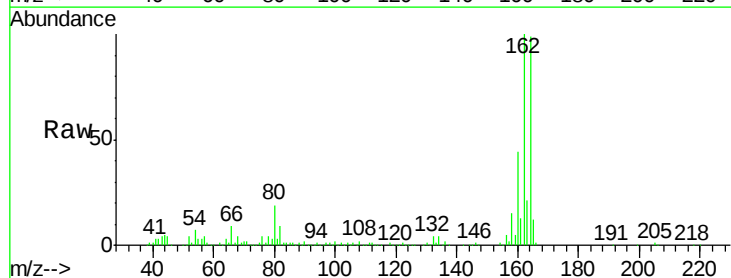


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

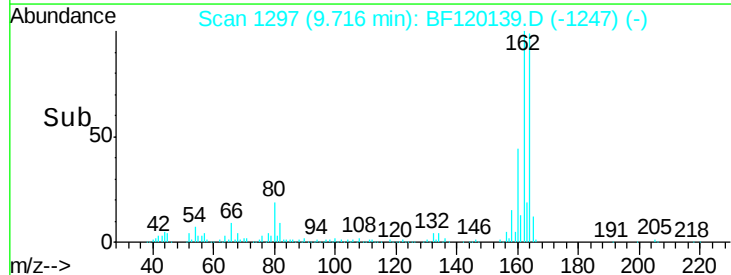
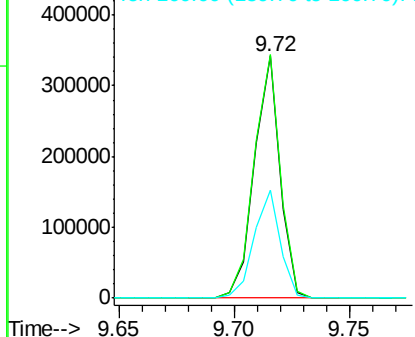


#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF120139.D
 Acq: 22 Apr 2020 18:54

Tgt Ion: 164 Resp: 266134
 Ion Ratio Lower Upper
 164 100
 162 100.7 80.6 121.0
 160 44.7 35.7 53.5



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

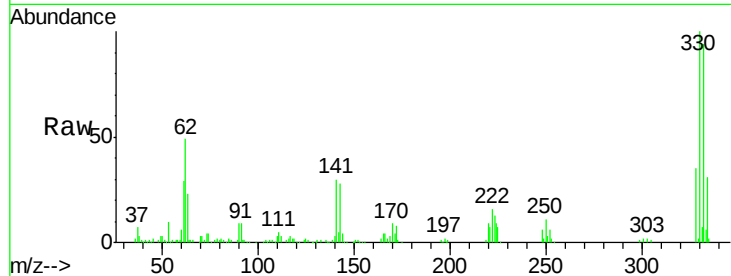




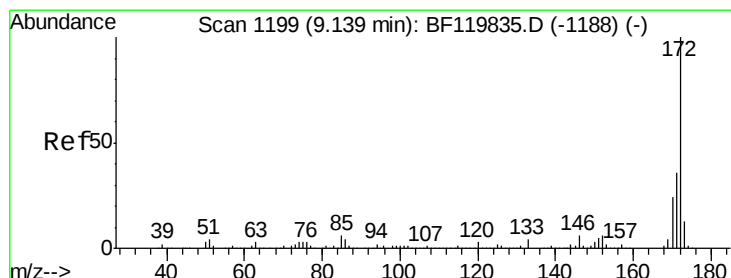
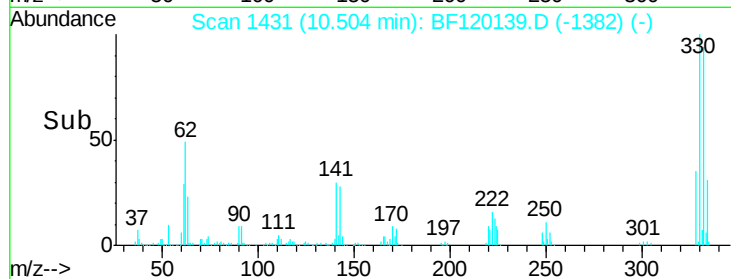
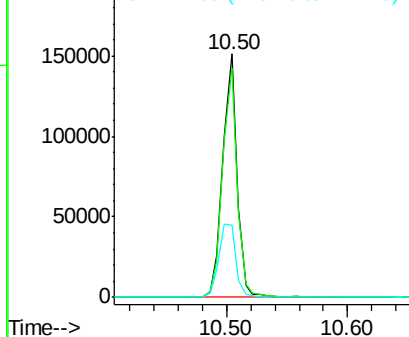
#42
 2,4,6-Tribromophenol
 Concen: 38.15 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF120139.D
 Acq: 22 Apr 2020 18:54

Instrument :
 BNA_F
 ClientSampleId :
 WATER-RECLAIM-SEDIMENT-PIT

Tgt Ion: 330 Resp: 124294
 Ion Ratio Lower Upper
 330 100
 332 94.8 75.7 113.5
 141 35.6 25.4 38.0

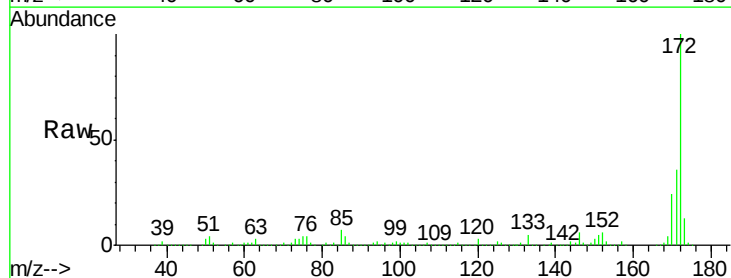


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

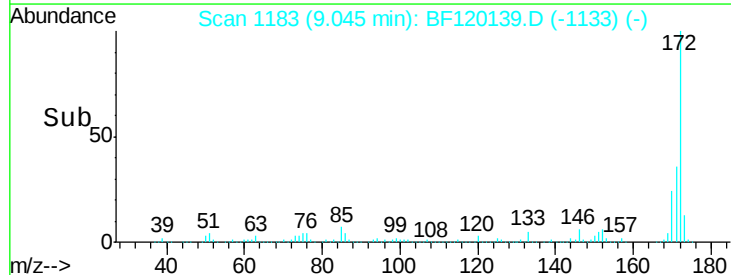
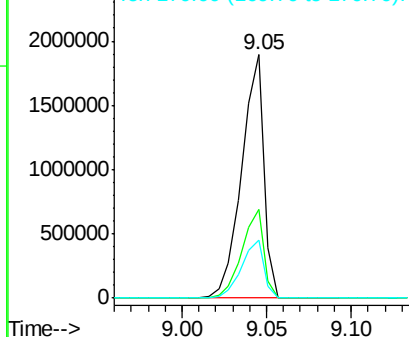


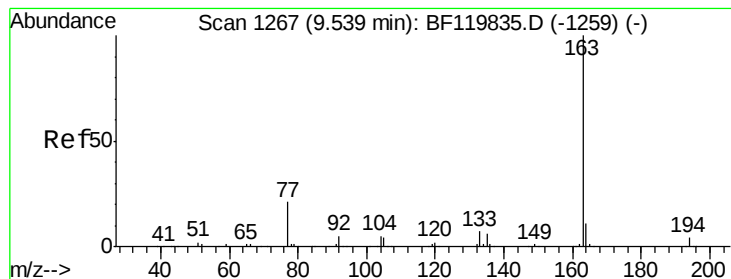
#45
 2-Fluorobiphenyl
 Concen: 92.76 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120139.D
 Acq: 22 Apr 2020 18:54

Tgt Ion: 172 Resp: 1738851
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.9 20.2 30.2



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: 6.55 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BF120139.D

Acq: 22 Apr 2020 18:54

Instrument :

BNA_F

ClientSampleId :

WATER-RECLAIM-SEDIMENT-PIT

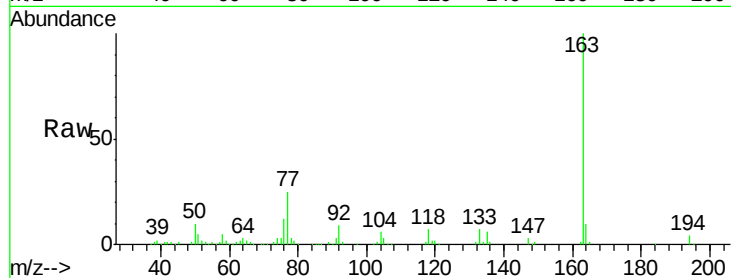
Tgt Ion:163 Resp: 134830

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

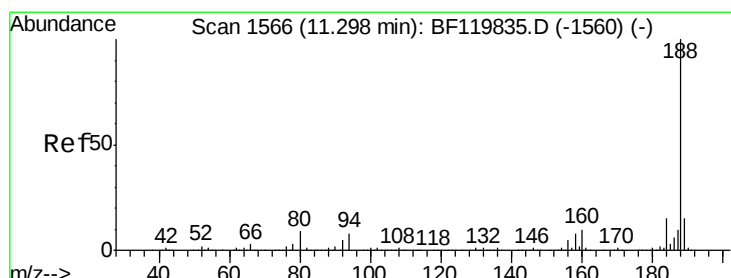
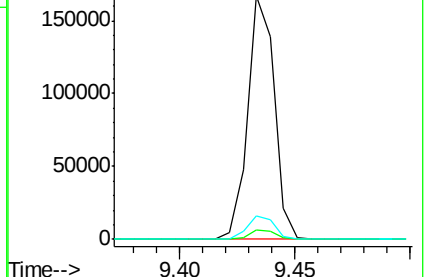
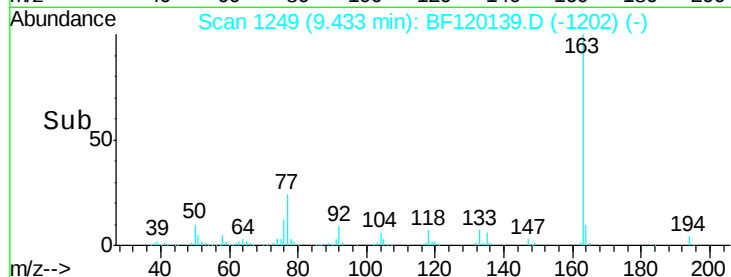
164 9.7 8.2 12.2



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: 20.00 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF120139.D

Acq: 22 Apr 2020 18:54

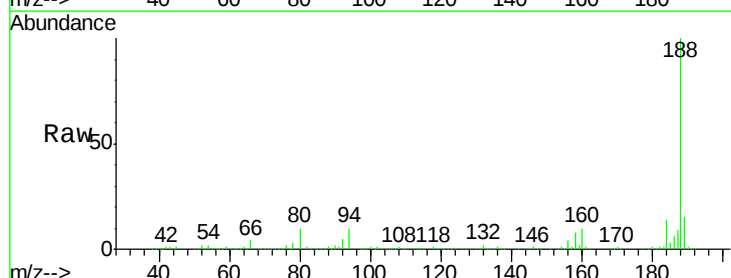
Tgt Ion:188 Resp: 502192

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

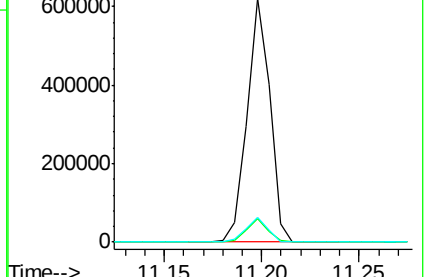
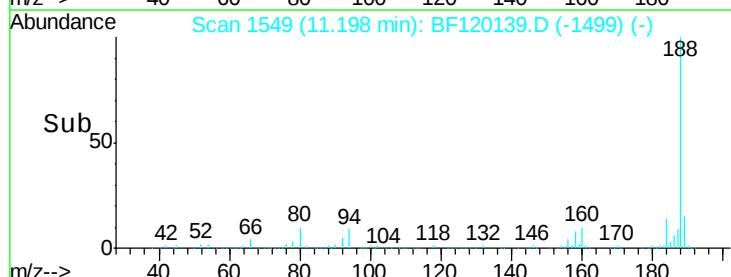
80 10.3 9.0 13.4

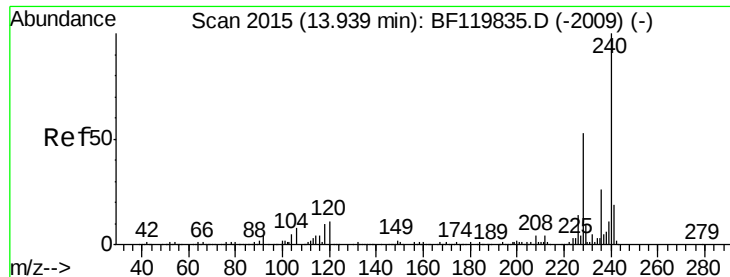


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

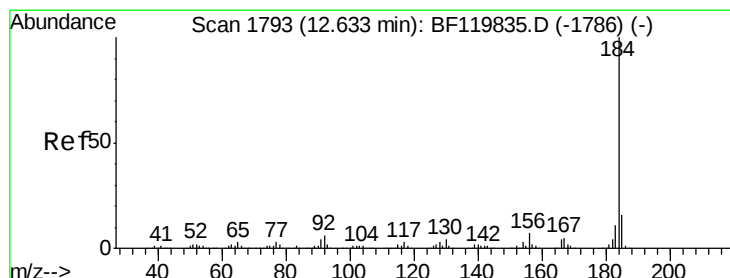
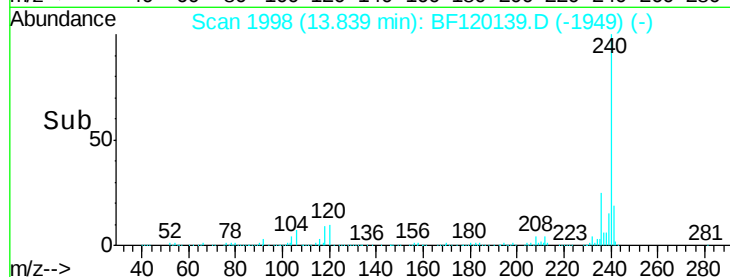
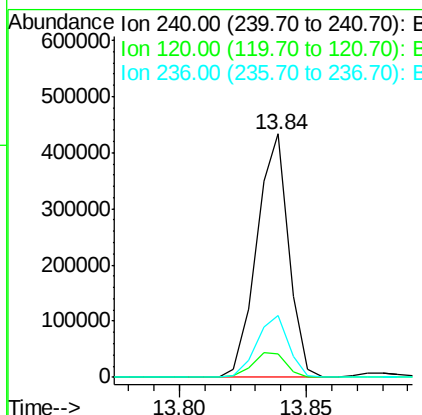
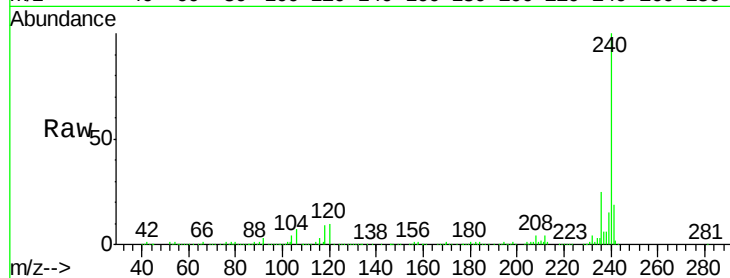




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF120139.D
Acq: 22 Apr 2020 18:54

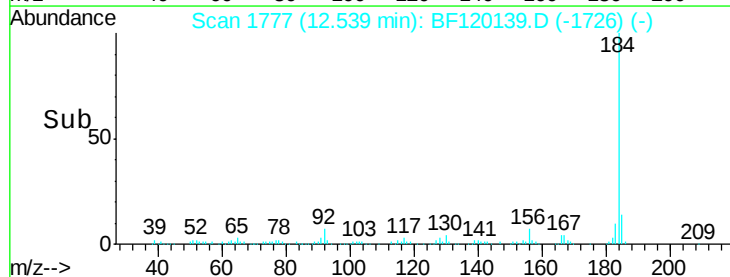
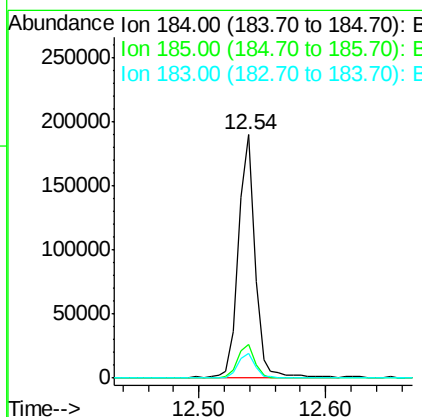
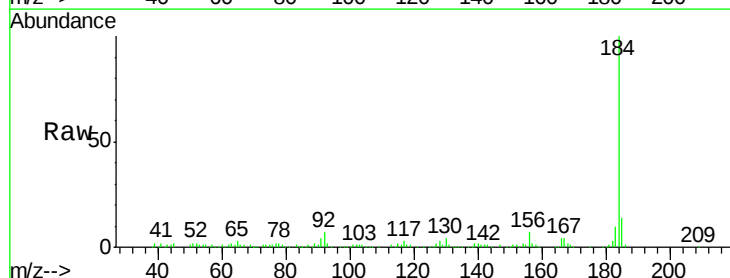
Instrument :
BNA_F
ClientSampleId :
WATER-RECLAIM-SEDIMENT-PIT

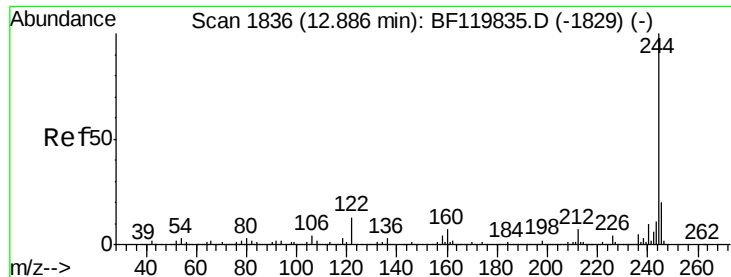
Tgt Ion:240 Resp: 380962
Ion Ratio Lower Upper
240 100
120 9.8 10.6 15.8#
236 25.4 20.2 30.2



#77
Benzidine
Concen: 13.21 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BF120139.D
Acq: 22 Apr 2020 18:54

Tgt Ion:184 Resp: 170100
Ion Ratio Lower Upper
184 100
185 13.9 12.3 18.5
183 10.3 9.0 13.6

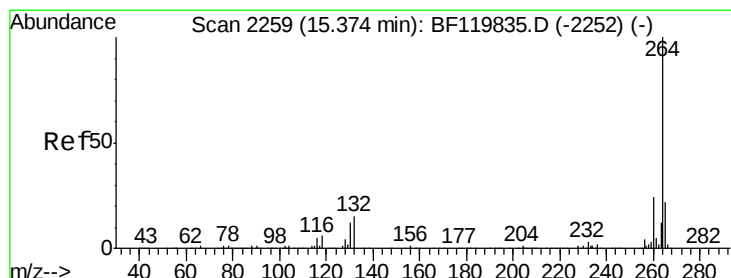
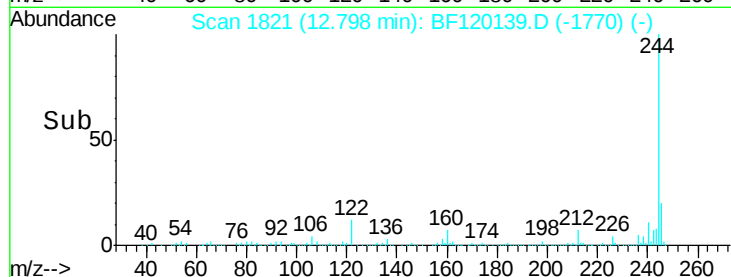
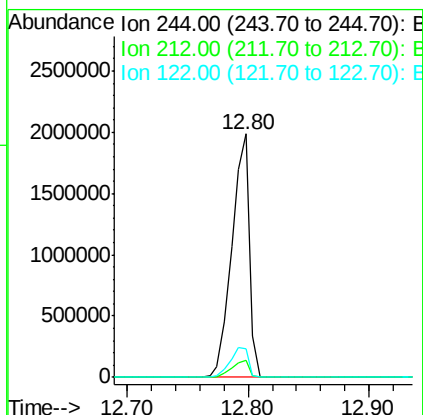
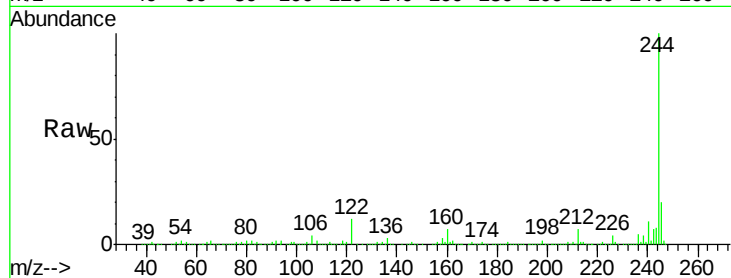




#79
 Terphenyl-d14
 Concen: 88.29 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF120139.D
 Acq: 22 Apr 2020 18:54

Instrument :
 BNA_F
 ClientSampleId :
 WATER-RECLAIM-SEDIMENT-PIT

Tgt Ion:244 Resp: 1998867
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 11.6 10.3 15.5



#87
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF120139.D
 Acq: 22 Apr 2020 18:54

Tgt Ion:264 Resp: 300521
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.7 28.1
 265 21.1 17.7 26.5

