

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
 Data File : BF113594.D
 Acq On : 4 Apr 2019 20:36
 Operator : JU/SJ
 Sample : K2227-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PILE-1-D

Quant Time: Apr 05 04:55:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

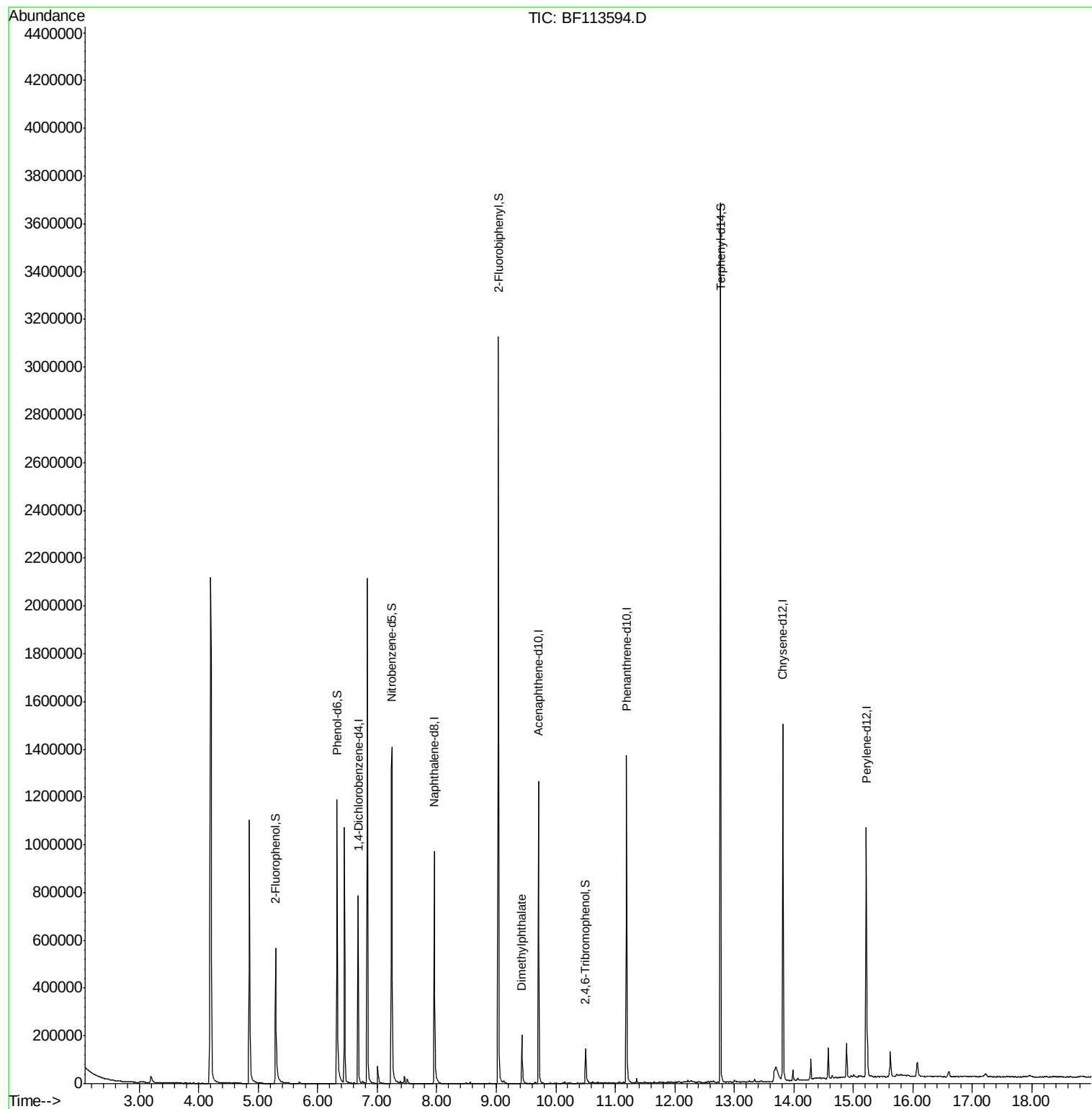
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	130828	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	507457	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	256996	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	543531	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	524882	20.00	ng	-0.03
87) Perylene-d12	15.22	264	461087	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	217965	28.41	ng	0.00
7) Phenol-d6	6.32	99	478190	50.57	ng	-0.02
23) Nitrobenzene-d5	7.25	82	514413	59.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	29597	9.59	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	1059647	66.38	ng	-0.02
79) Terphenyl-d14	12.77	244	1334269	51.76	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.43	163	108010	5.702	ng	Qvalue 99

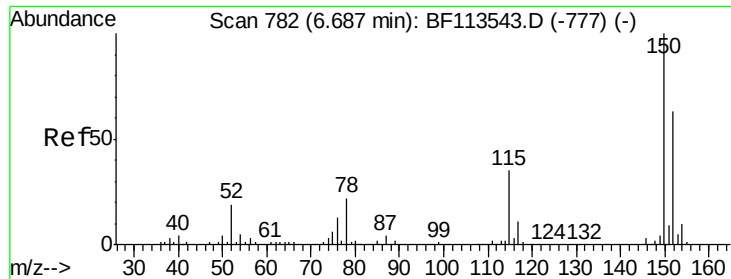
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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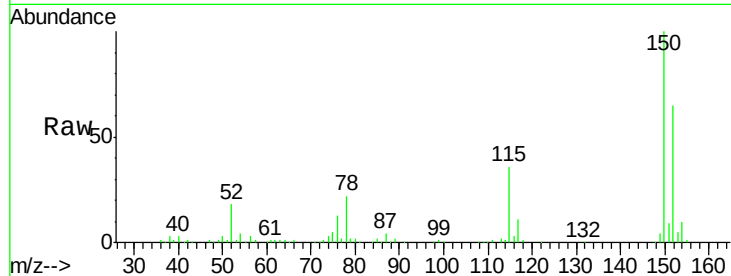


#1

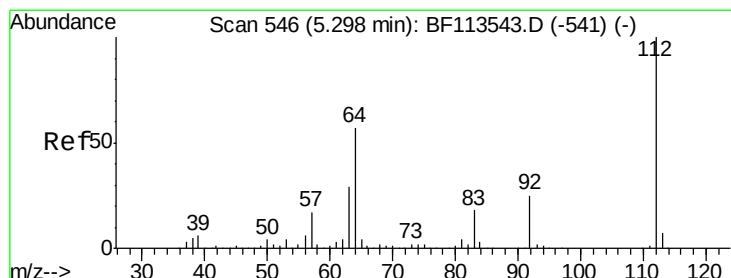
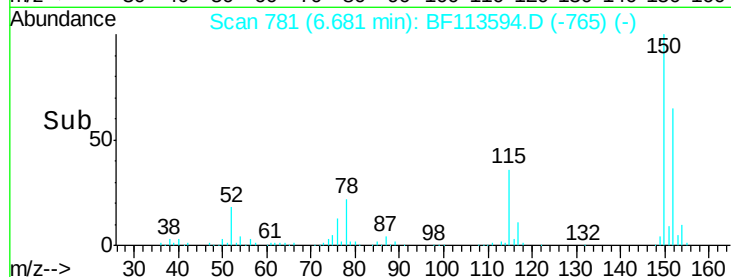
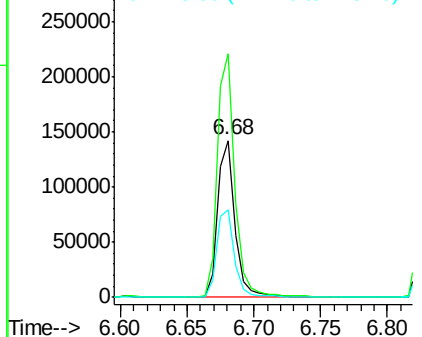
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113594.D
Acq: 4 Apr 2019 20:36

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE-1-D

Tgt Ion:152 Resp: 130828
Ion Ratio Lower Upper
152 100
150 154.9 124.7 187.1
115 55.3 46.0 69.0



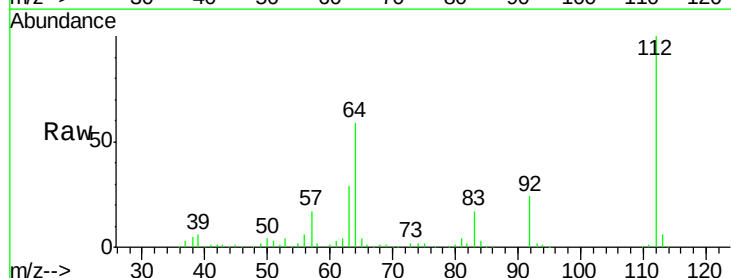
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



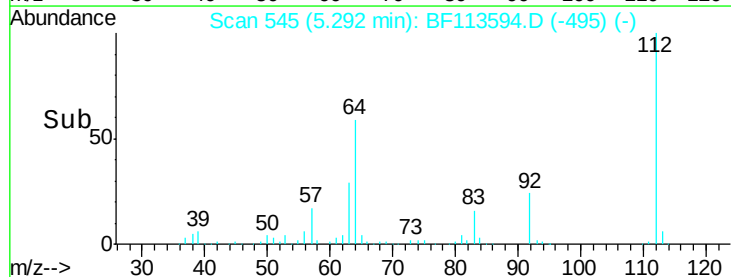
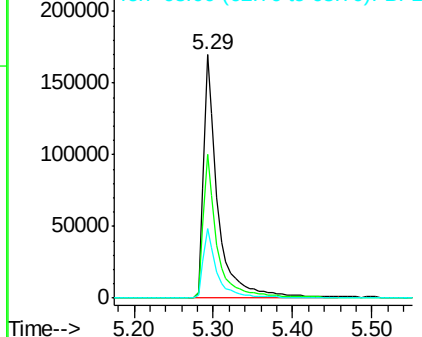
#5

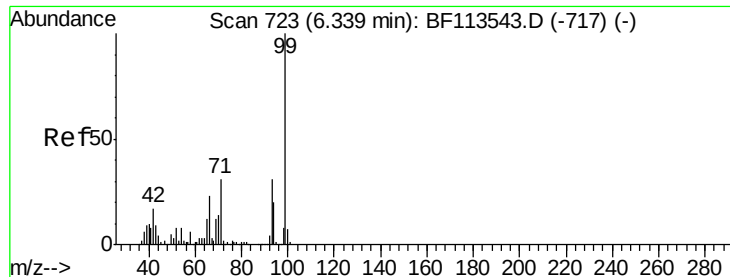
2-Fluorophenol
Concen: 28.410 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113594.D
Acq: 4 Apr 2019 20:36

Tgt Ion:112 Resp: 217965
Ion Ratio Lower Upper
112 100
64 59.2 49.2 73.8
63 28.5 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: 50.570 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF113594.D

Acq: 4 Apr 2019 20:36

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PILE-1-D

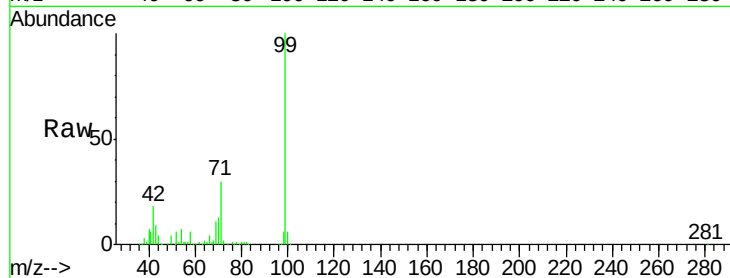
Tgt Ion: 99 Resp: 478190

Ion Ratio Lower Upper

99 100

42 17.9 14.8 22.2

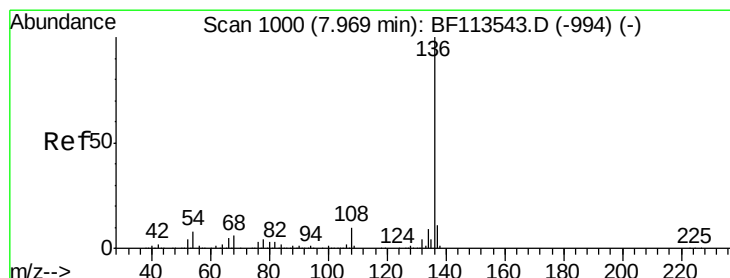
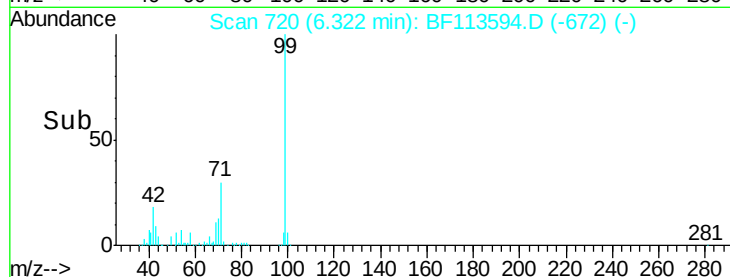
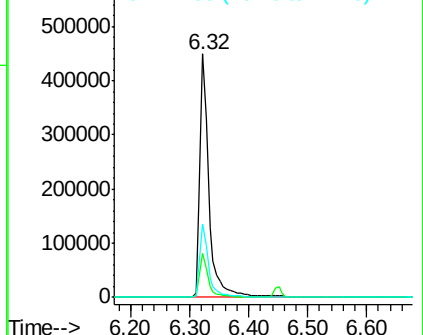
71 30.1 24.9 37.3



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: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113594.D

Acq: 4 Apr 2019 20:36

Tgt Ion: 136 Resp: 507457

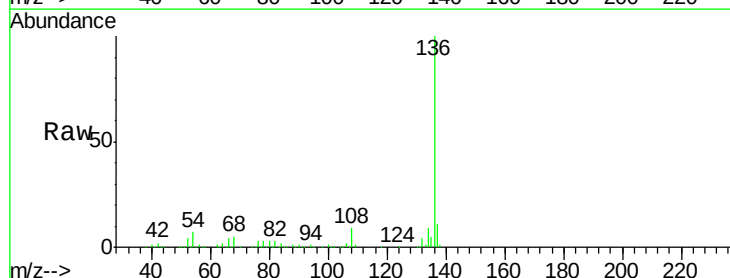
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.3 7.0 10.6

68 5.5 4.8 7.2

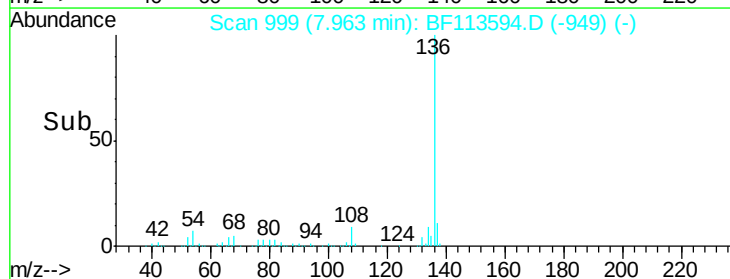
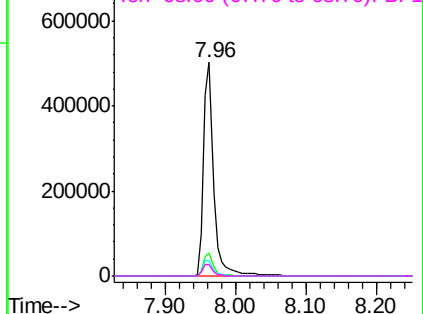


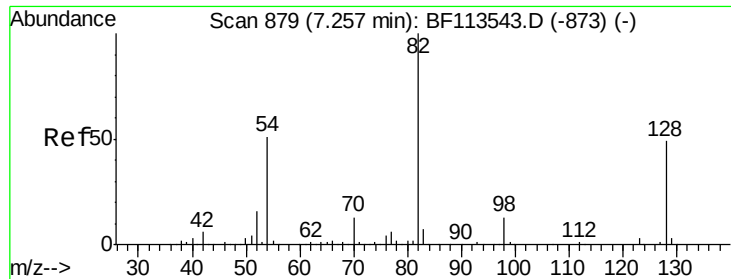
Abundance Ion 136.00 (135.70 to 136.70): E

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

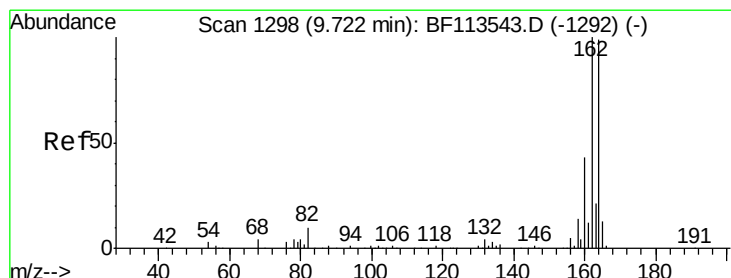
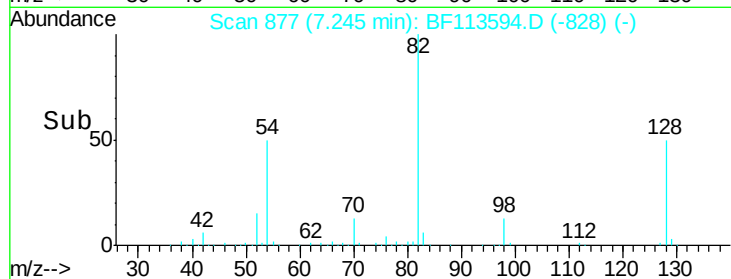
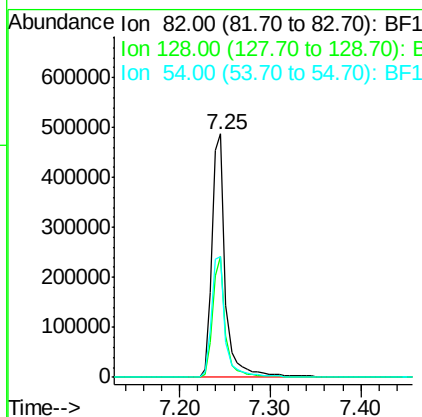
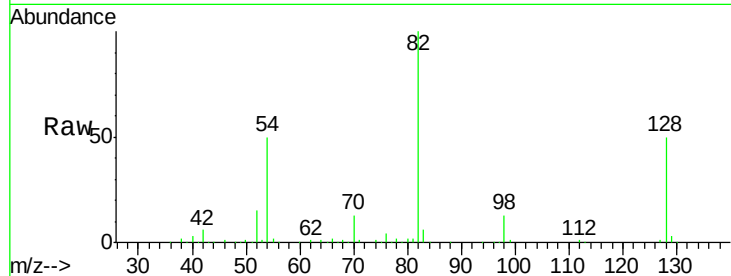




#23
 Nitrobenzene-d5
 Concen: 59.378 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF113594.D
 Acq: 4 Apr 2019 20:36

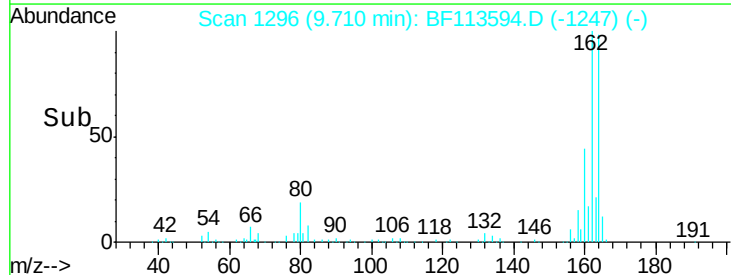
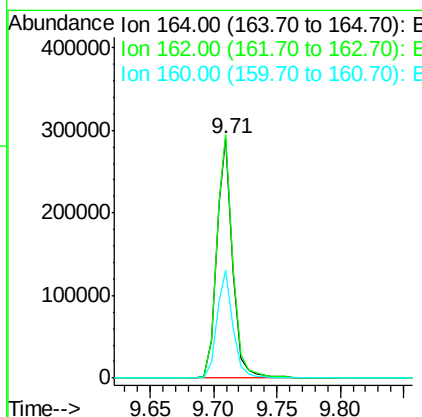
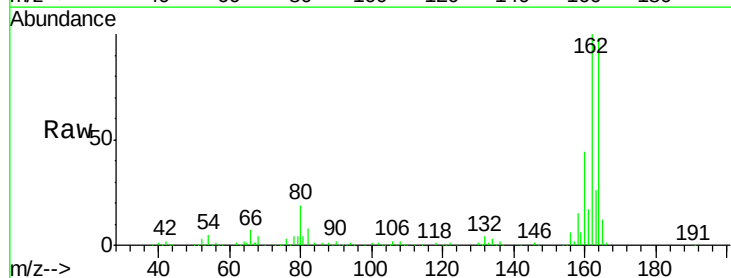
Instrument :
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 CONCRETE-PILE-1-D

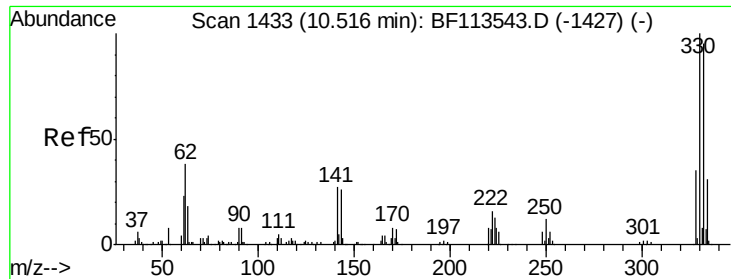
Tgt Ion: 82 Resp: 514413
 Ion Ratio Lower Upper
 82 100
 128 49.8 36.5 54.7
 54 49.5 42.2 63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF113594.D
 Acq: 4 Apr 2019 20:36

Tgt Ion: 164 Resp: 256996
 Ion Ratio Lower Upper
 164 100
 162 101.7 81.8 122.6
 160 44.8 36.4 54.6

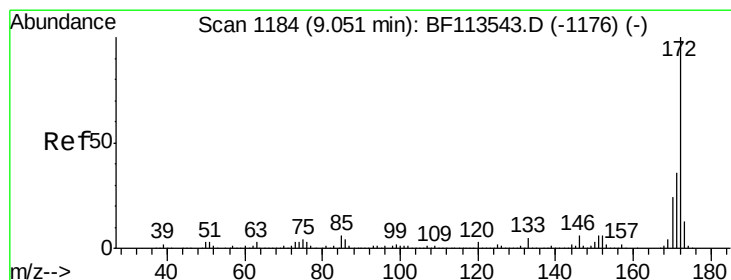
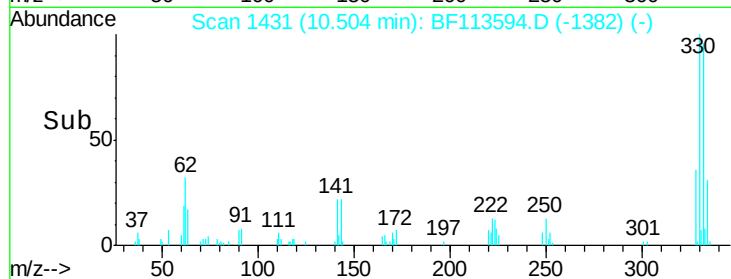
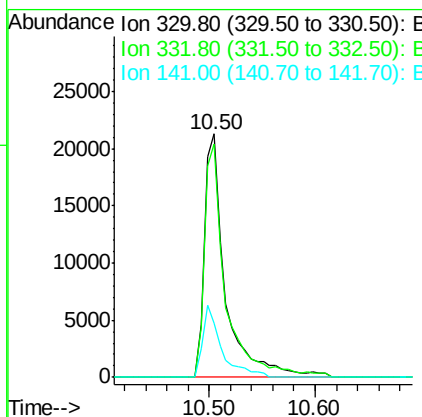
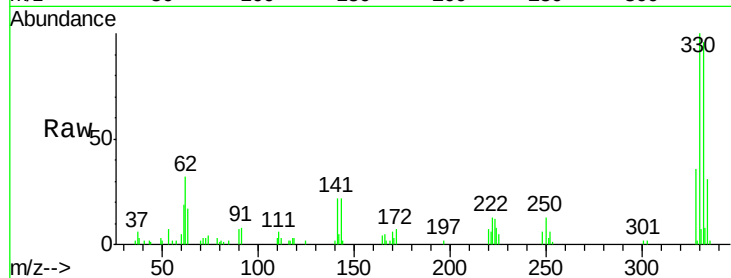




#42
 2,4,6-Tribromophenol
 Concen: 9.587 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113594.D
 Acq: 4 Apr 2019 20:36

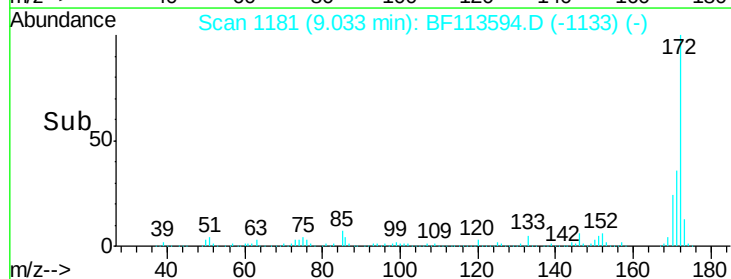
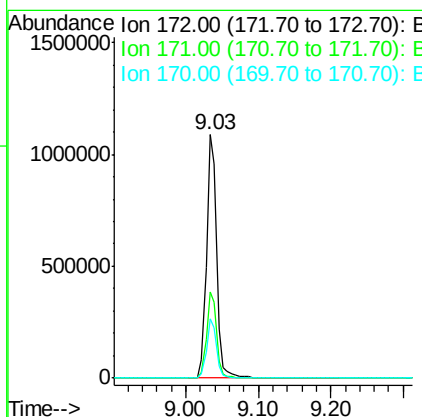
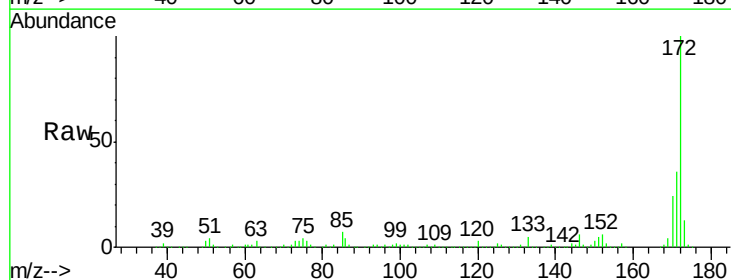
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PILE-1-D

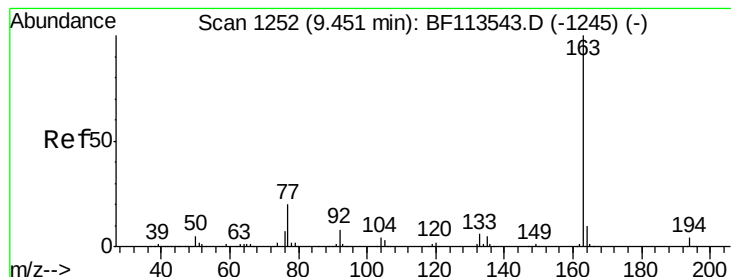
Tgt Ion:330 Resp: 29597
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.8 116.6
 141 25.9 22.7 34.1



#45
 2-Fluorobiphenyl
 Concen: 66.379 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113594.D
 Acq: 4 Apr 2019 20:36

Tgt Ion:172 Resp: 1059647
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.6
 170 24.2 19.5 29.3





#50

Dimethylphthalate

Concen: 5.702 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BF113594.D

Acq: 4 Apr 2019 20:36

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PILE-1-D

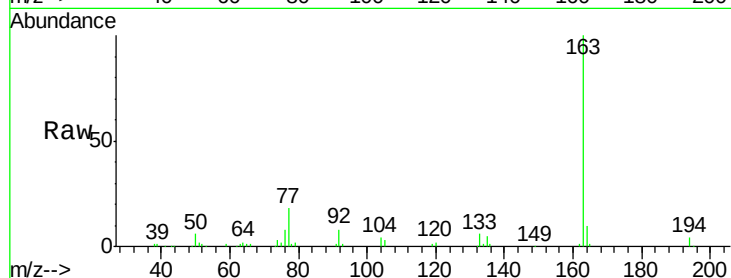
Tgt Ion:163 Resp: 108010

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.6

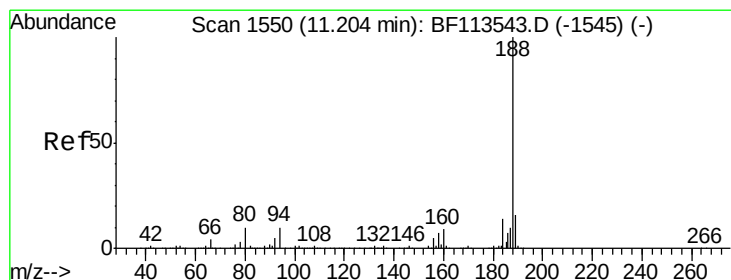
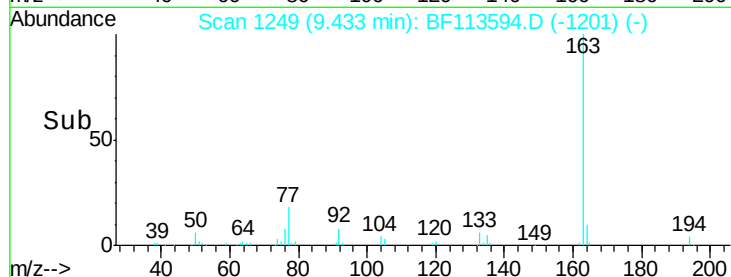
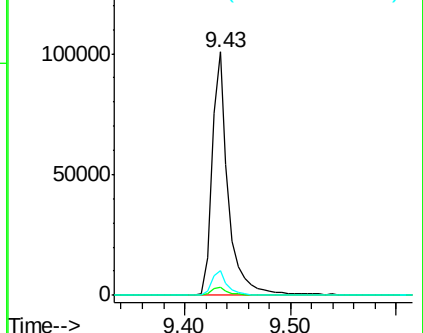
164 10.3 8.1 12.1



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: 11.19 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF113594.D

Acq: 4 Apr 2019 20:36

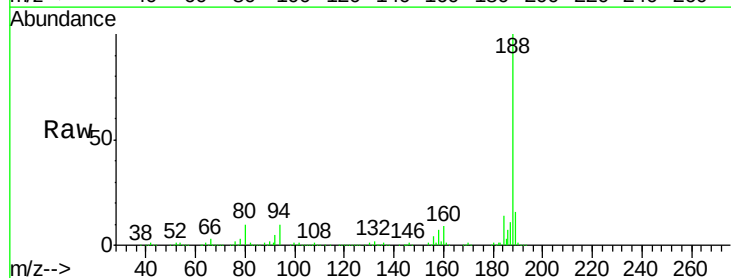
Tgt Ion:188 Resp: 543531

Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.6

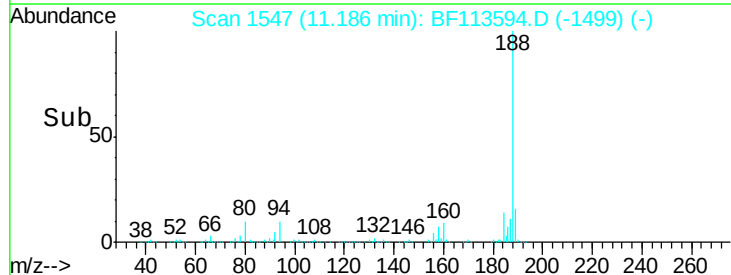
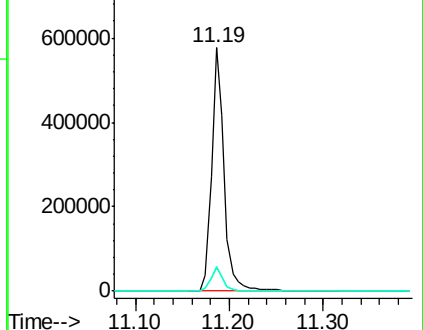
80 10.0 7.7 11.5

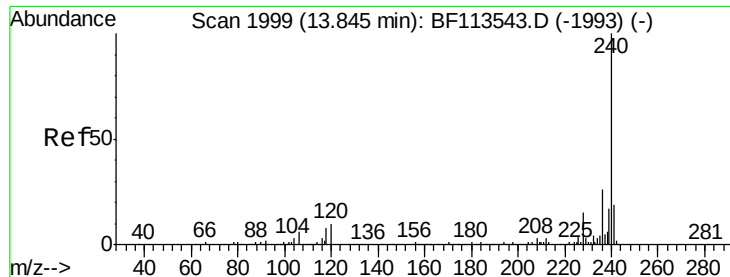


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.82 min Scan# 1994

Delta R.T. -0.03 min

Lab File: BF113594.D

Acq: 4 Apr 2019 20:36

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PILE-1-D

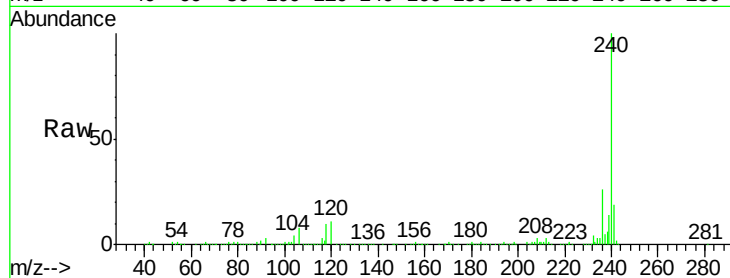
Tgt Ion:240 Resp: 524882

Ion Ratio Lower Upper

240 100

120 11.5 8.8 13.2

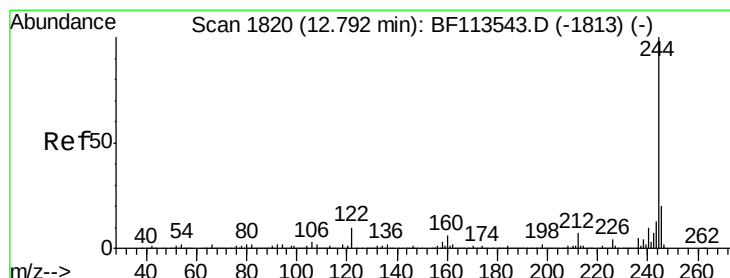
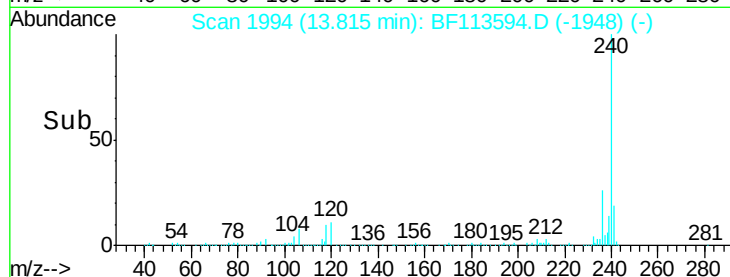
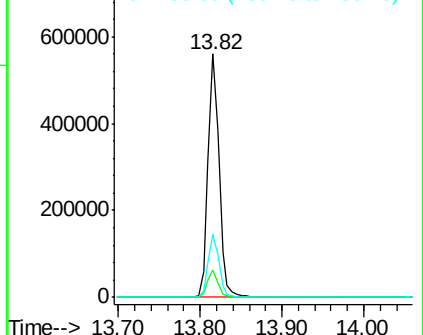
236 25.9 20.9 31.3



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: 51.756 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113594.D

Acq: 4 Apr 2019 20:36

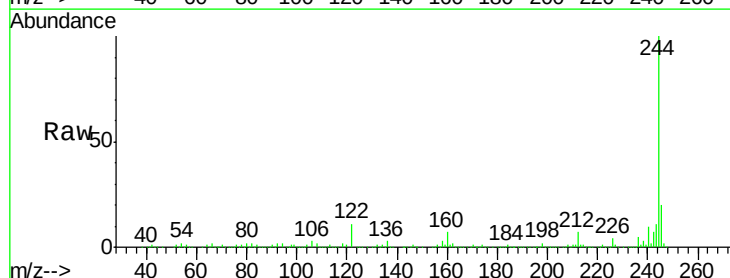
Tgt Ion:244 Resp: 1334269

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

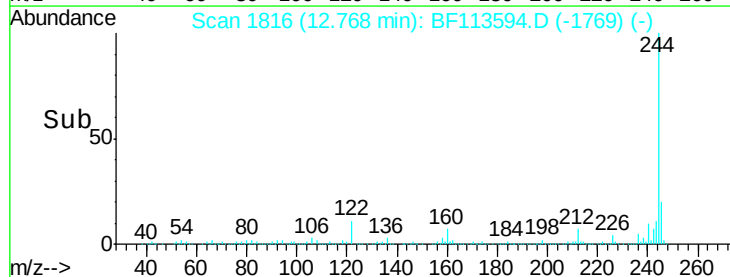
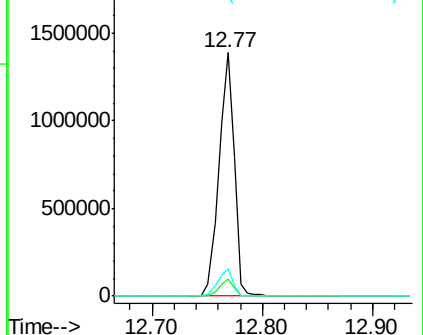
122 11.0 8.6 13.0

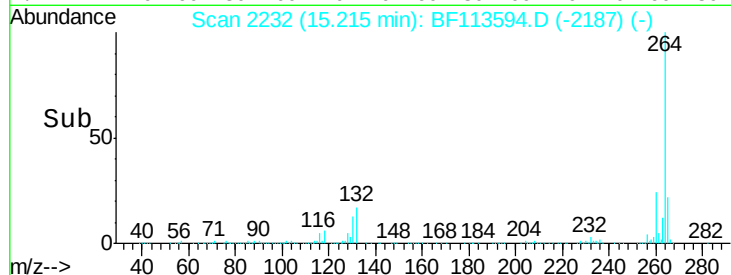
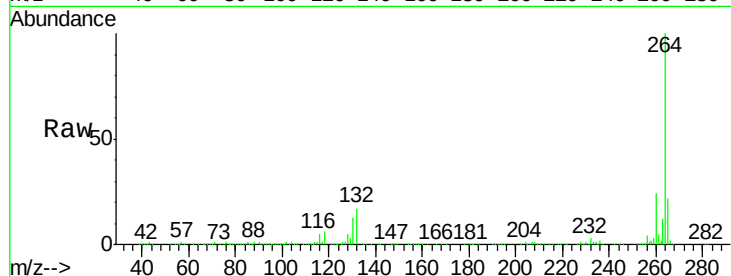
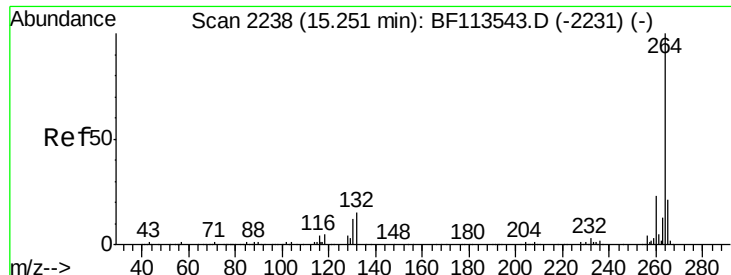


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.04 min
Lab File: BF113594.D
Acq: 4 Apr 2019 20:36

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE-1-D

Tgt Ion:	264	Resp:	461087
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.8	17.1	25.7

