

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
 Data File : BF113593.D
 Acq On : 4 Apr 2019 20:07
 Operator : JU/SJ
 Sample : K2227-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Apr 05 04:46:44 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	123994	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	468011	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	233476	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	508956	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	492311	20.00	ng	-0.03
87) Perylene-d12	15.22	264	460025	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	784631	107.91	ng	0.00
7) Phenol-d6	6.33	99	1081700	120.70	ng	-0.01
23) Nitrobenzene-d5	7.25	82	672034	84.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	291258	103.85	ng	-0.02
45) 2-Fluorobiphenyl	9.04	172	1311808	90.45	ng	-0.01
79) Terphenyl-d14	12.77	244	1675576	69.30	ng	-0.02

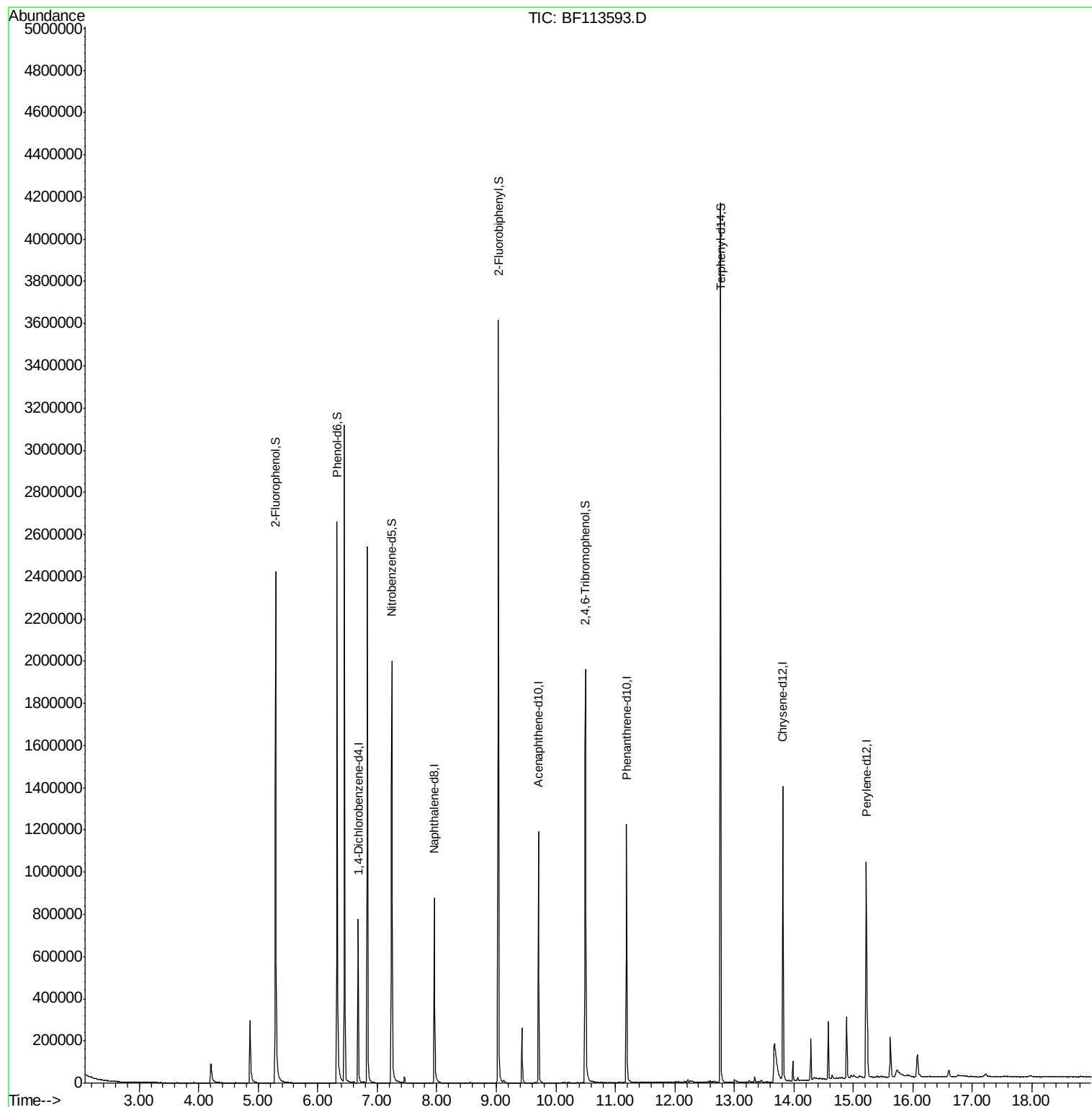
Target Compounds	Qvalue
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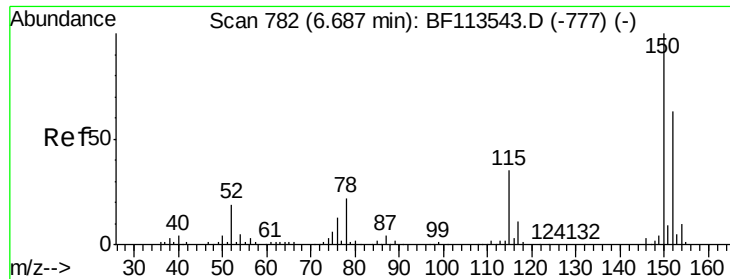
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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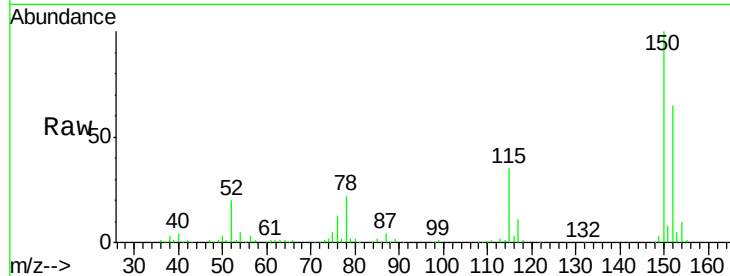


#1

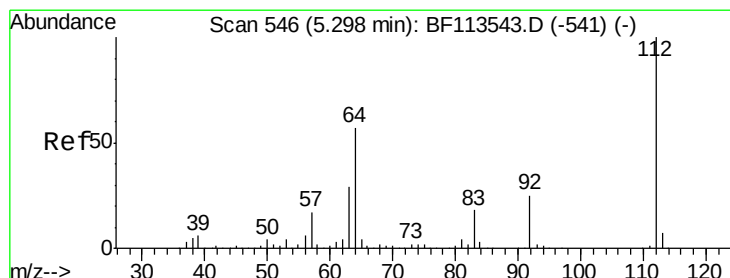
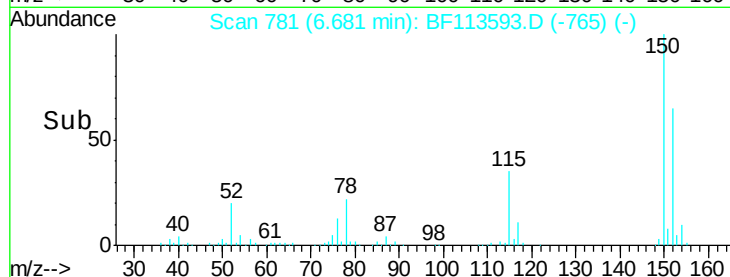
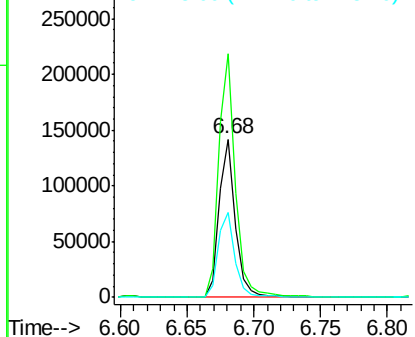
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113593.D
Acq: 4 Apr 2019 20:07

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

Tgt Ion:152 Resp: 123994
Ion Ratio Lower Upper
152 100
150 153.9 124.7 187.1
115 53.6 46.0 69.0



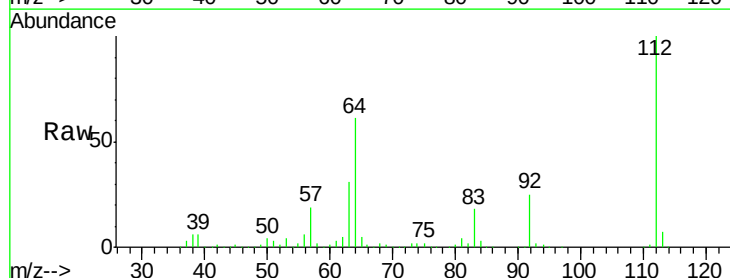
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



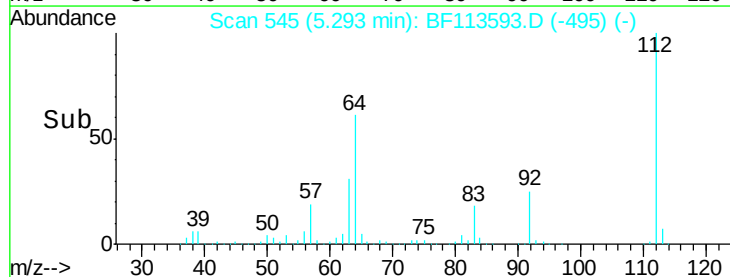
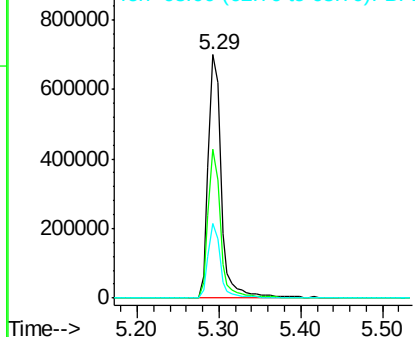
#5

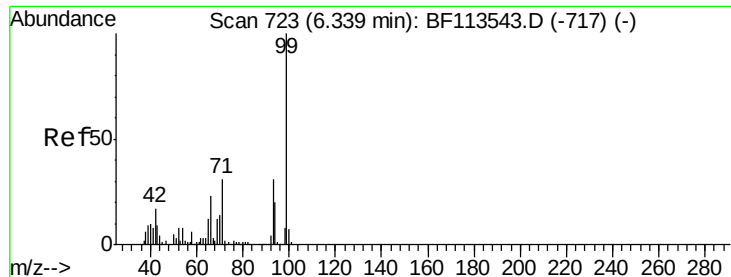
2-Fluorophenol
Concen: 107.907 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113593.D
Acq: 4 Apr 2019 20:07

Tgt Ion:112 Resp: 784631
Ion Ratio Lower Upper
112 100
64 61.2 49.2 73.8
63 30.8 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: 120.698 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113593.D

Acq: 4 Apr 2019 20:07

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PILE-1-C

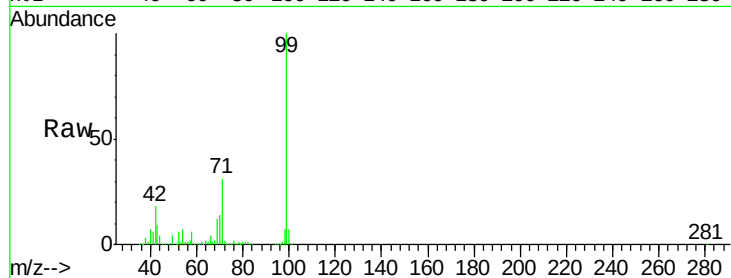
Tgt Ion: 99 Resp: 1081700

Ion Ratio Lower Upper

99 100

42 18.3 14.8 22.2

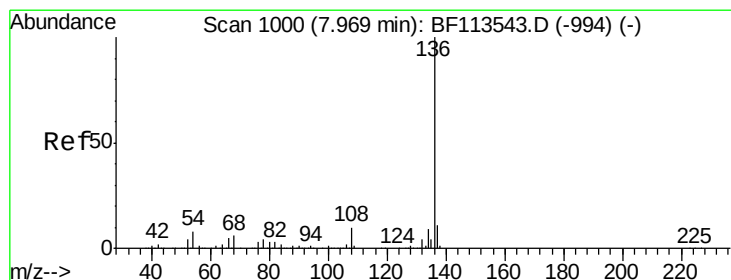
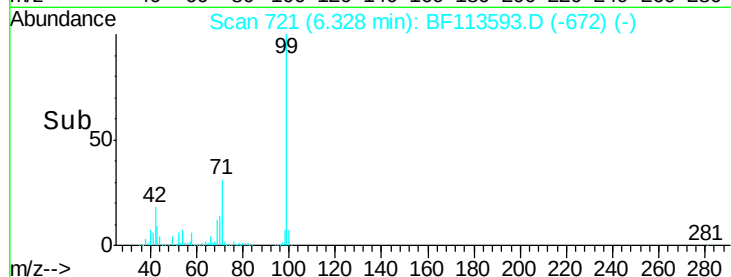
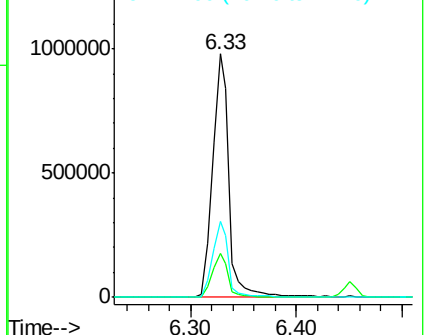
71 31.3 24.9 37.3



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: BF113593.D

Acq: 4 Apr 2019 20:07

Tgt Ion: 136 Resp: 468011

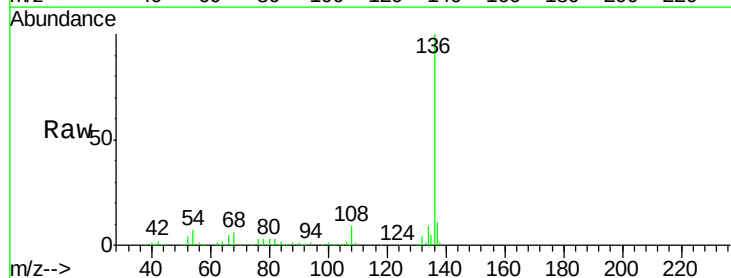
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.3 7.0 10.6

68 5.5 4.8 7.2

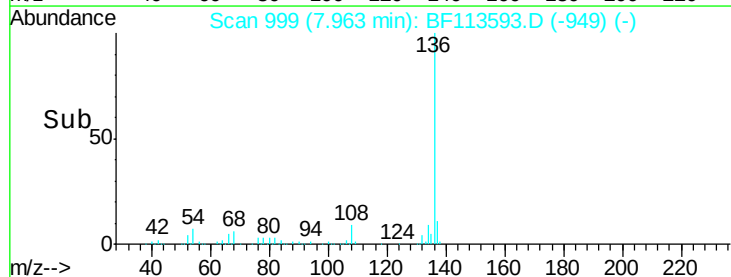
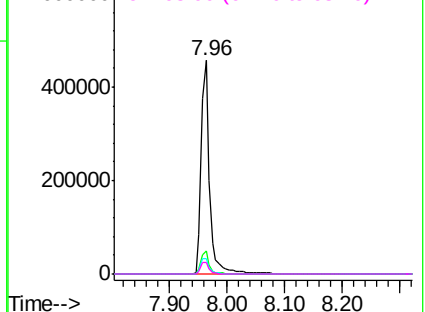


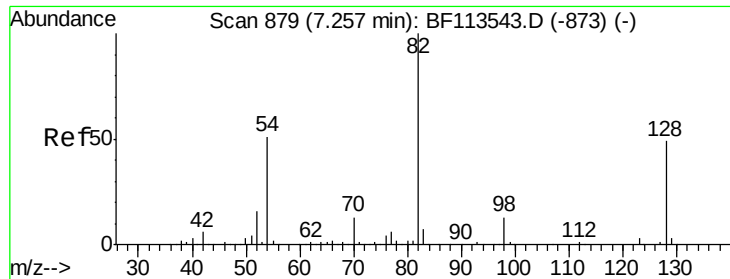
Abundance Ion 136.00 (135.70 to 136.70): E

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

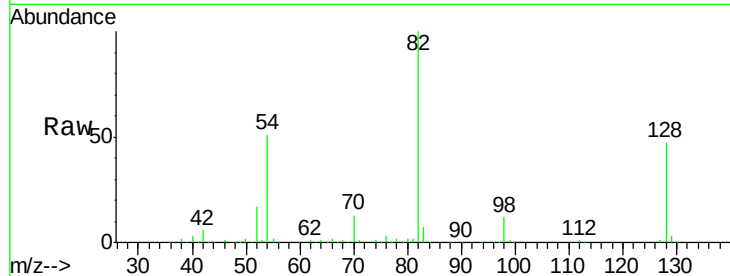




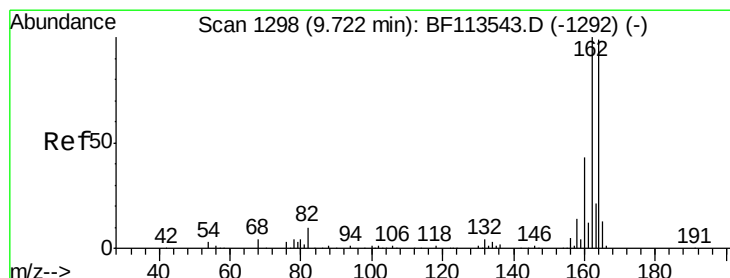
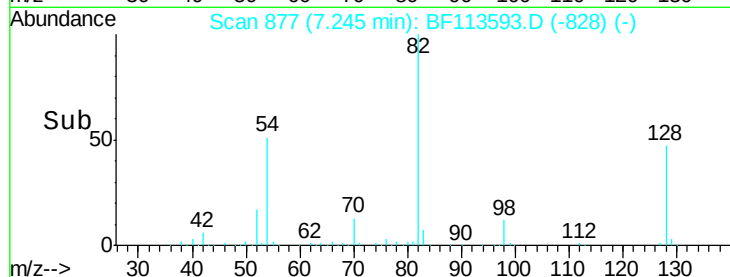
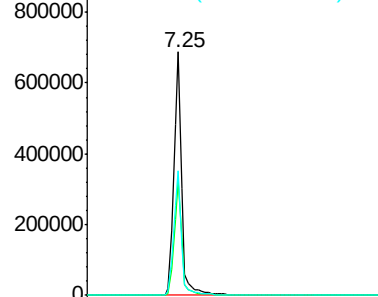
#23
 Nitrobenzene-d5
 Concen: 84.110 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF113593.D
 Acq: 4 Apr 2019 20:07

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

Tgt Ion: 82 Resp: 672034
 Ion Ratio Lower Upper
 82 100
 128 47.2 36.5 54.7
 54 51.4 42.2 63.2

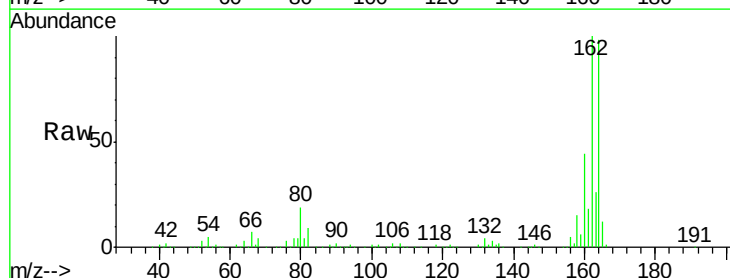


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

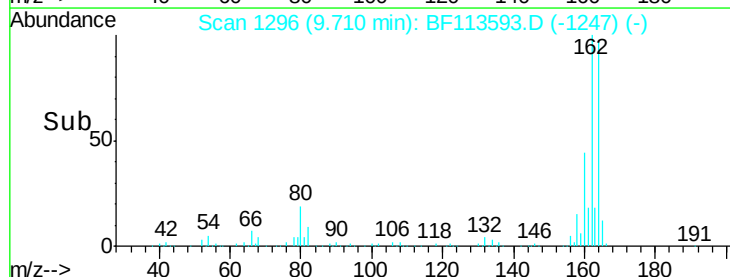
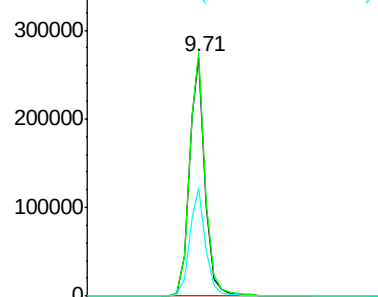


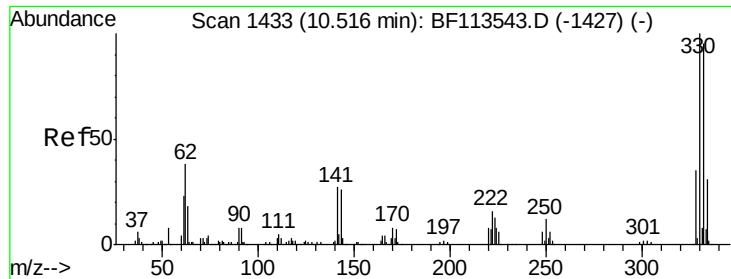
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF113593.D
 Acq: 4 Apr 2019 20:07

Tgt Ion: 164 Resp: 233476
 Ion Ratio Lower Upper
 164 100
 162 102.0 81.8 122.6
 160 45.3 36.4 54.6



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

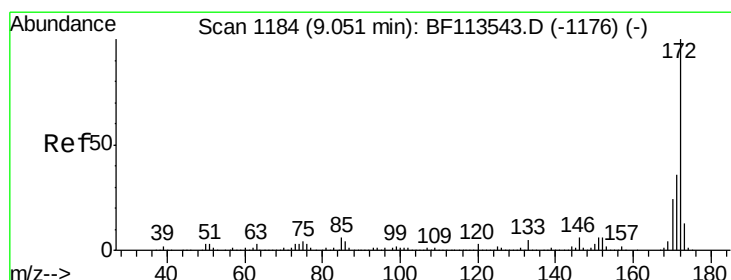
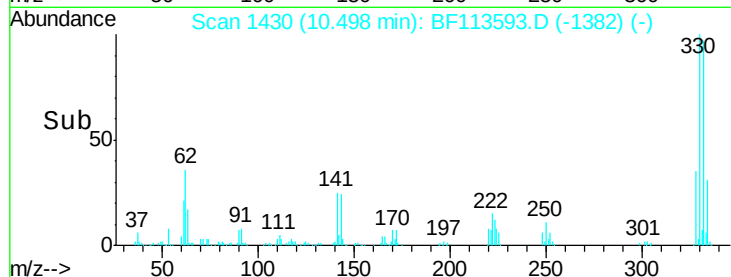
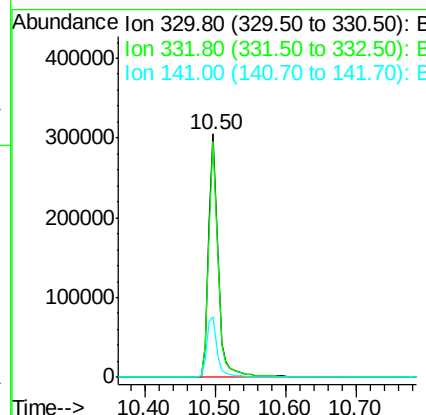
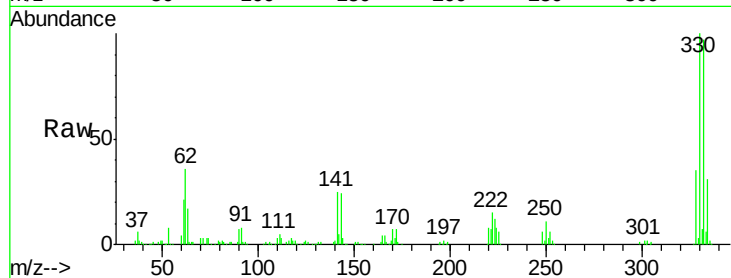




#42
 2,4,6-Tribromophenol
 Concen: 103.850 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113593.D
 Acq: 4 Apr 2019 20:07

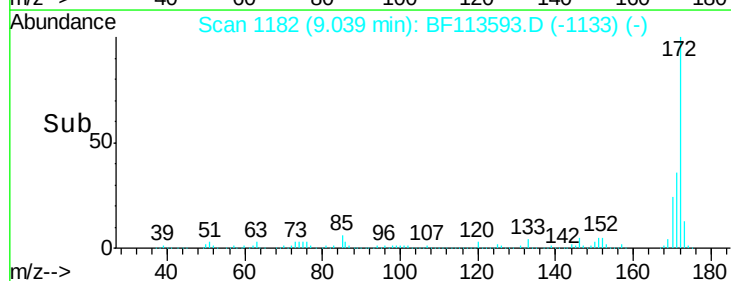
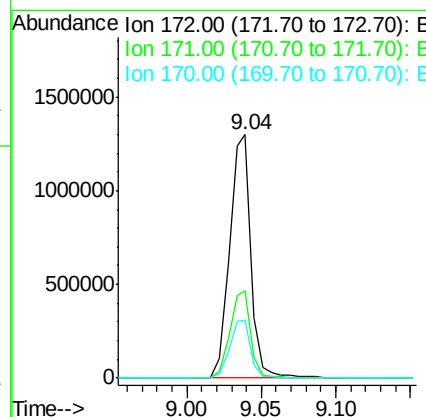
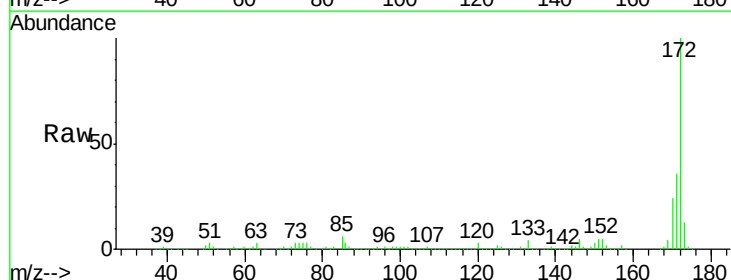
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PILE-1-C

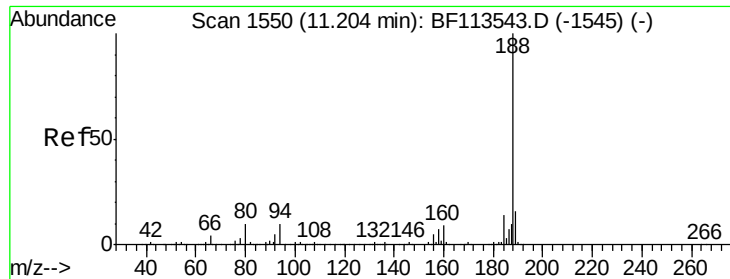
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.8	116.6
141	27.2	22.7	34.1



#45
 2-Fluorobiphenyl
 Concen: 90.453 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113593.D
 Acq: 4 Apr 2019 20:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.1	19.5	29.3

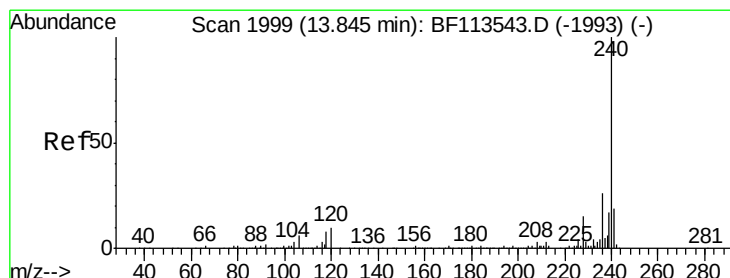
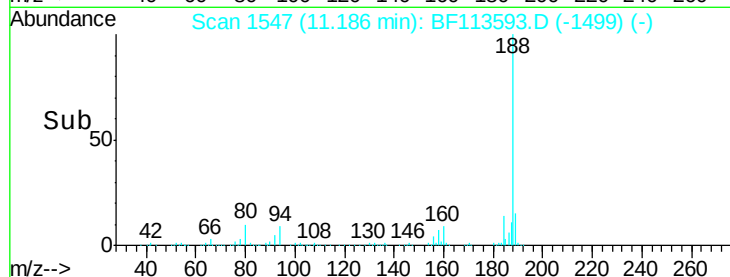
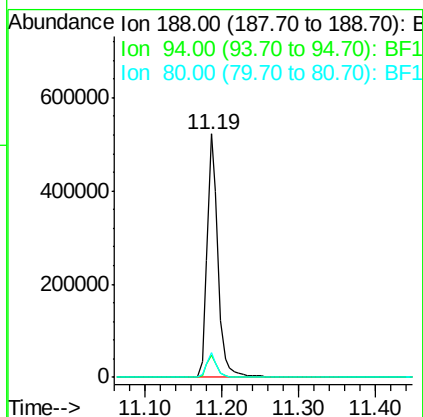
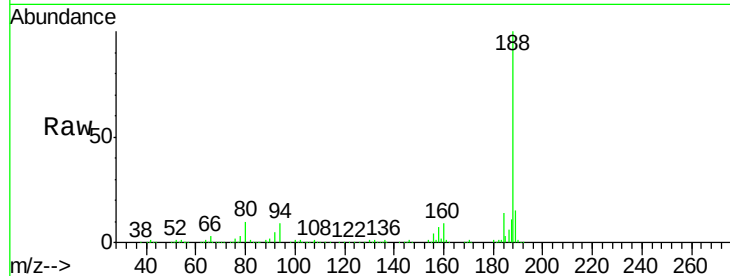




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113593.D
Acq: 4 Apr 2019 20:07

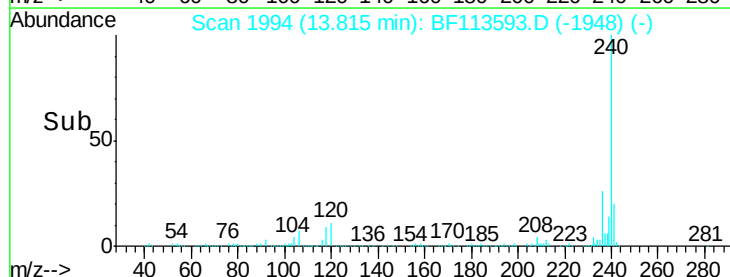
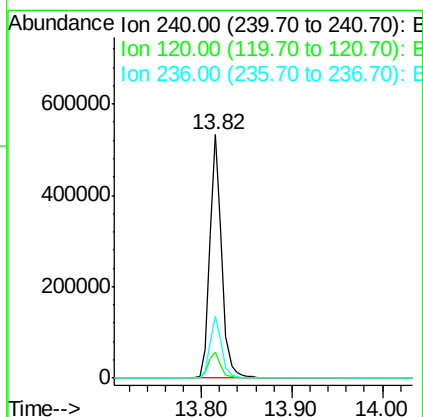
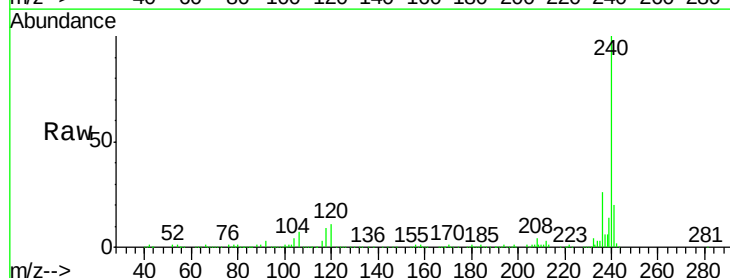
Instrument :
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CONCRETE-PILE-1-C

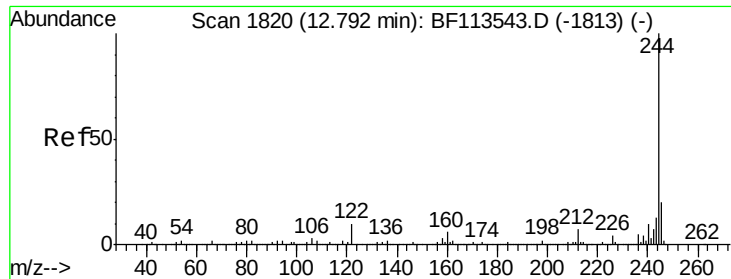
Tgt Ion:188 Resp: 508956
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 9.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.03 min
Lab File: BF113593.D
Acq: 4 Apr 2019 20:07

Tgt Ion:240 Resp: 492311
Ion Ratio Lower Upper
240 100
120 10.9 8.8 13.2
236 25.6 20.9 31.3





#79

Terphenyl-d14

Concen: 69.296 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113593.D

Acq: 4 Apr 2019 20:07

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PILE-1-C

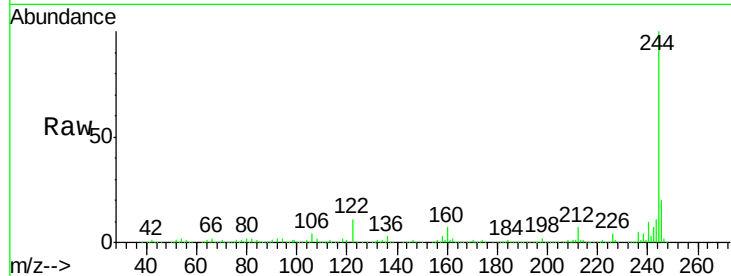
Tgt Ion:244 Resp: 1675576

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

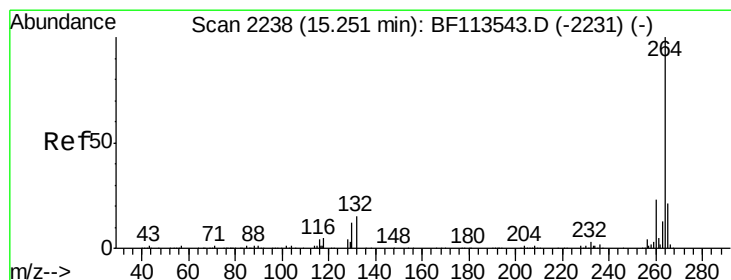
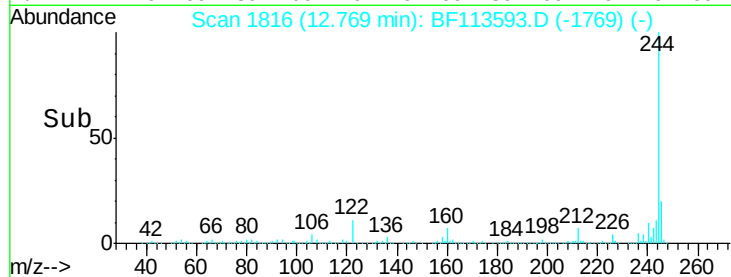
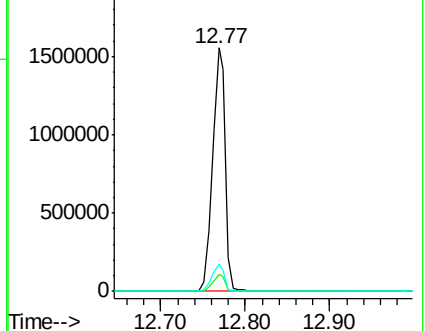
122 11.4 8.6 13.0



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: BF113593.D

Acq: 4 Apr 2019 20:07

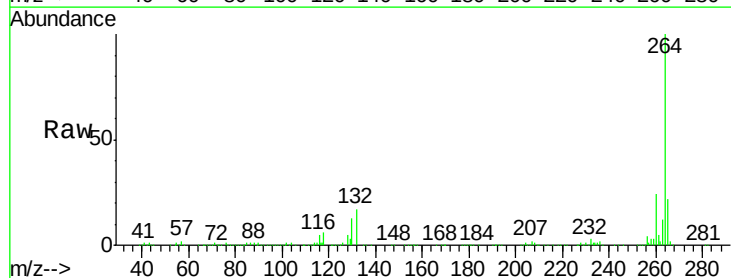
Tgt Ion:264 Resp: 460025

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 21.6 17.1 25.7



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

