

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
 Data File : BF113889.D
 Acq On : 22 Apr 2019 20:31
 Operator : JU/SJ
 Sample : K2510-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-B

Quant Time: Apr 23 05:00:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

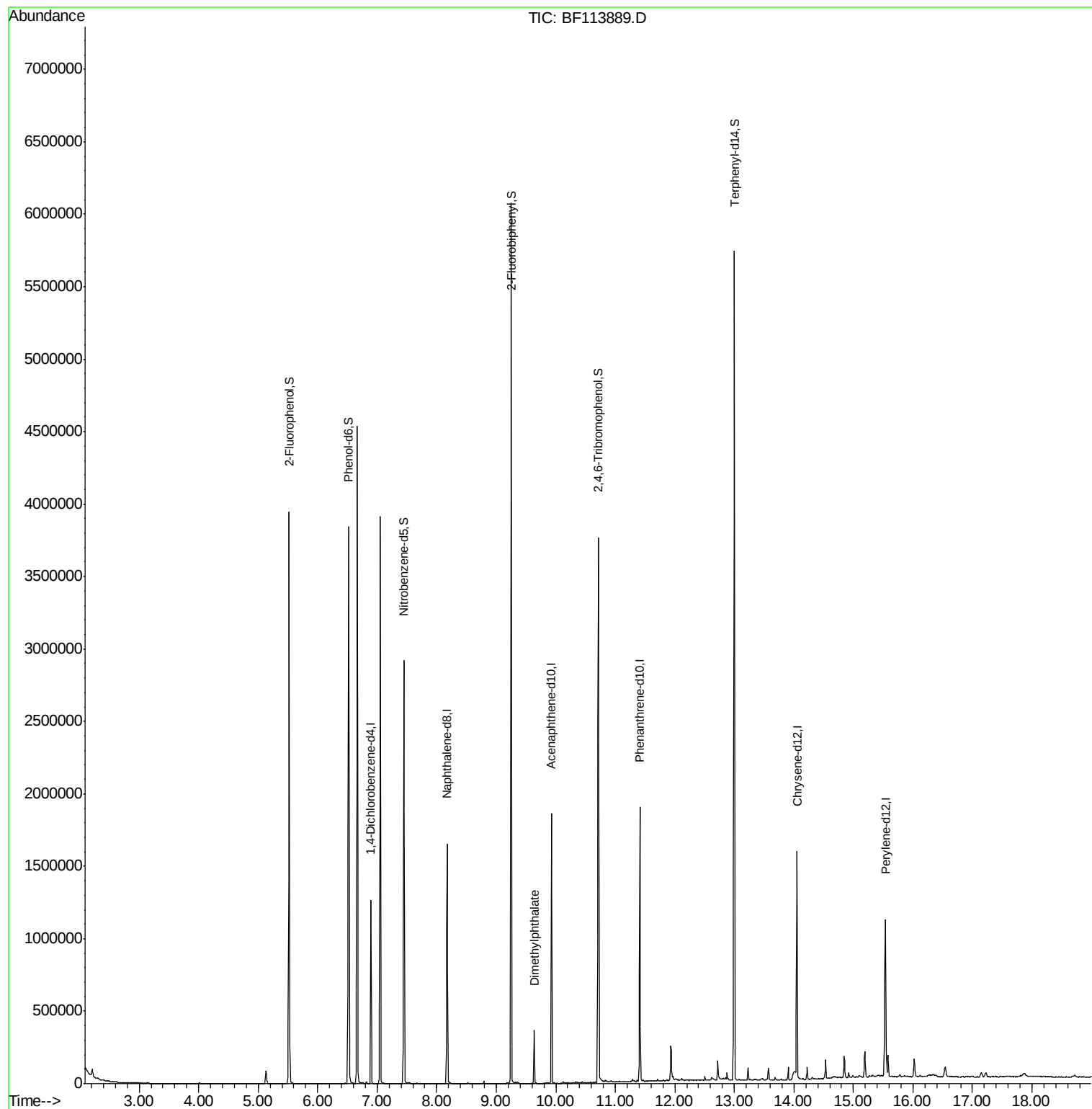
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	192035	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	713841	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	372022	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	705517	20.00	ng	0.00
76) Chrysene-d12	14.05	240	507765	20.00	ng	-0.02
87) Perylene-d12	15.54	264	532536	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1283049	114.27	ng	0.00
7) Phenol-d6	6.52	99	1681889	119.40	ng	0.00
23) Nitrobenzene-d5	7.45	82	1022022	88.40	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	534439	117.93	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1960441	82.42	ng	0.00
79) Terphenyl-d14	13.00	244	2169848	87.61	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	150149	5.581	ng	Qvalue 97

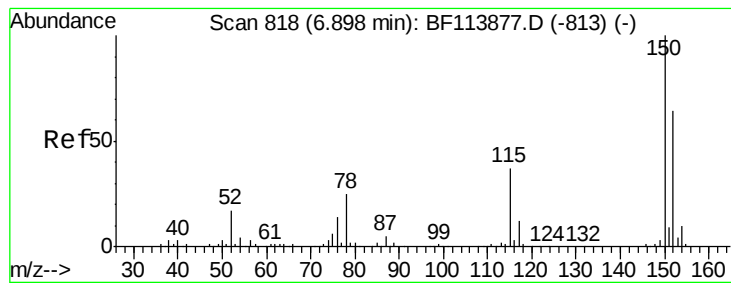
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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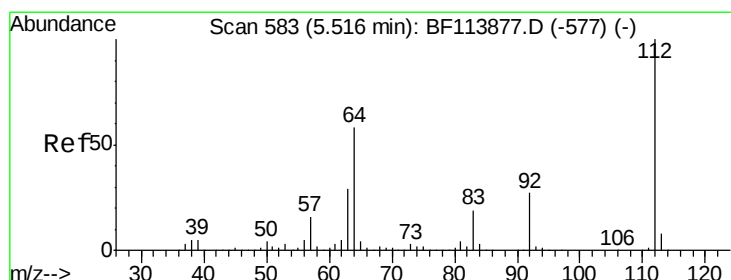
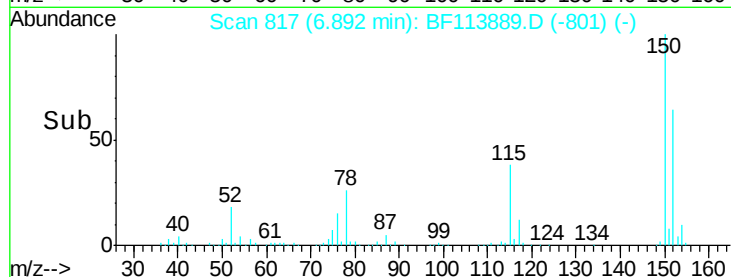
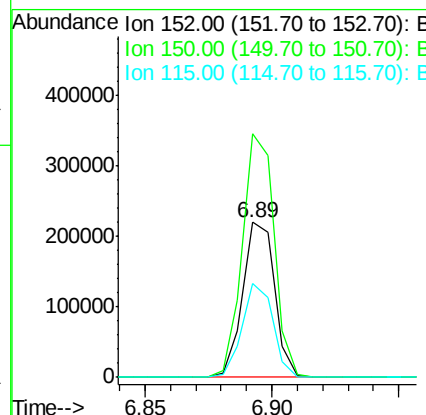
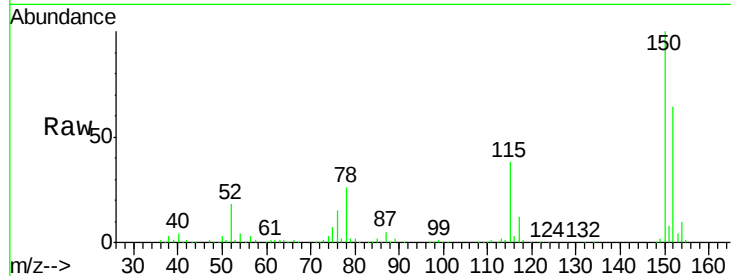




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF113889.D
 Acq: 22 Apr 2019 20:31

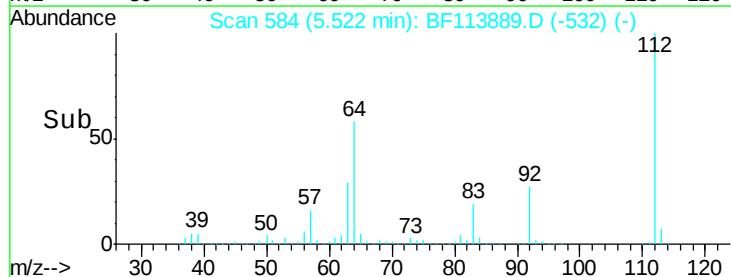
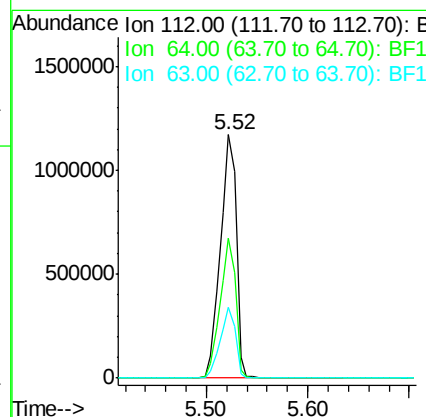
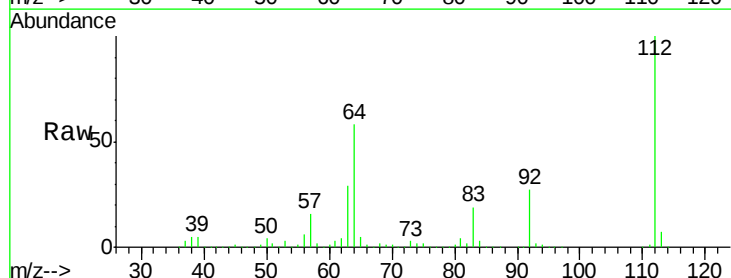
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-B

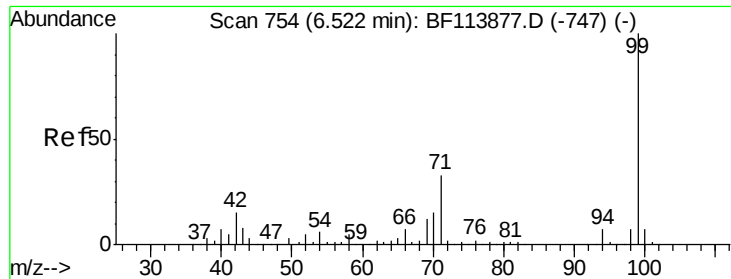
Tgt Ion:152 Resp: 192035
 Ion Ratio Lower Upper
 152 100
 150 157.3 125.9 188.9
 115 60.2 45.9 68.9



#5
 2-Fluorophenol
 Concen: 114.274 ng
 RT: 5.52 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: BF113889.D
 Acq: 22 Apr 2019 20:31

Tgt Ion:112 Resp: 1283049
 Ion Ratio Lower Upper
 112 100
 64 57.7 46.6 69.8
 63 29.0 23.1 34.7





#7

Phenol-d6

Concen: 119.397 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF113889.D

Acq: 22 Apr 2019 20:31

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-B

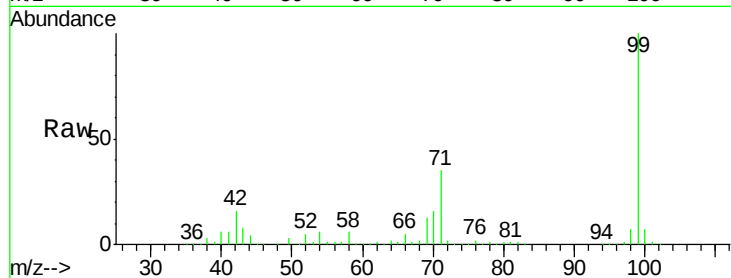
Tgt Ion: 99 Resp: 1681889

Ion Ratio Lower Upper

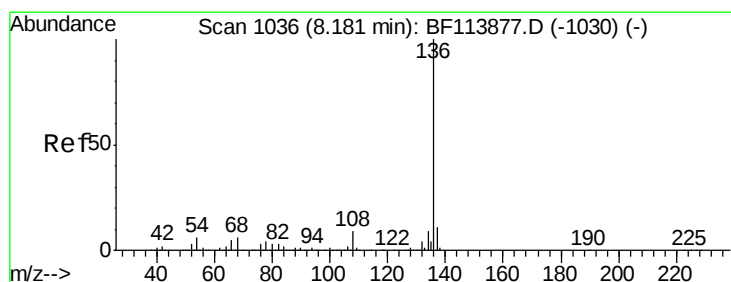
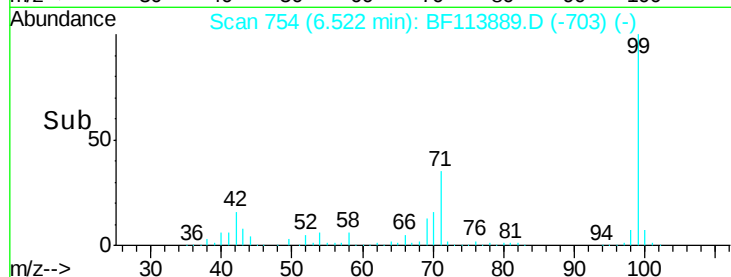
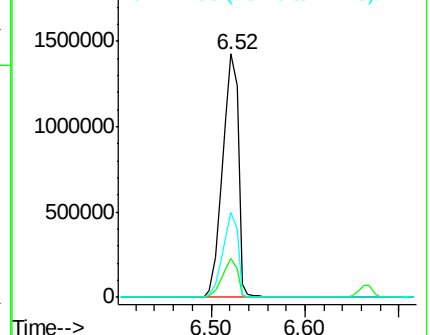
99 100

42 15.7 12.5 18.7

71 34.9 26.9 40.3



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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113889.D

Acq: 22 Apr 2019 20:31

Tgt Ion: 136 Resp: 713841

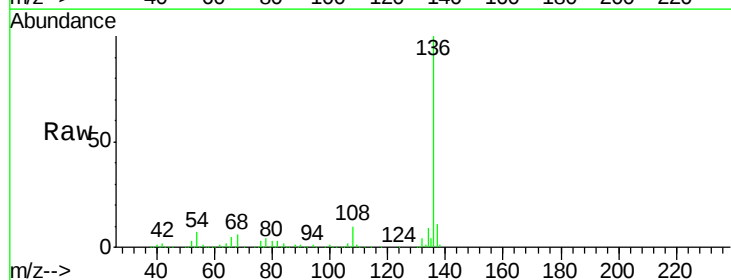
Ion Ratio Lower Upper

136 100

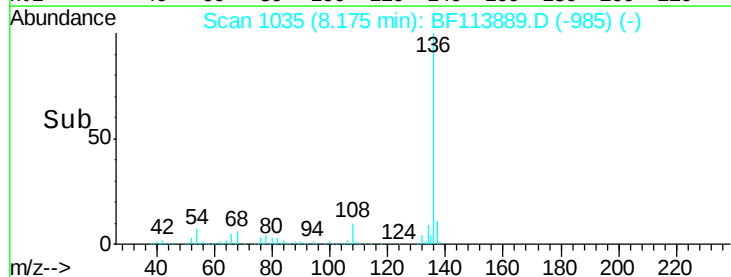
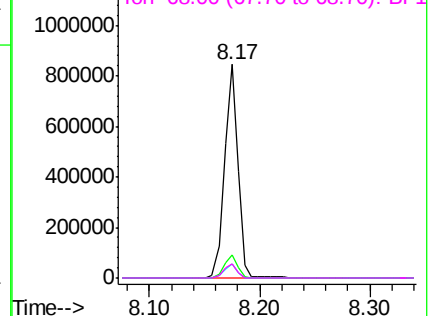
137 11.0 8.6 12.8

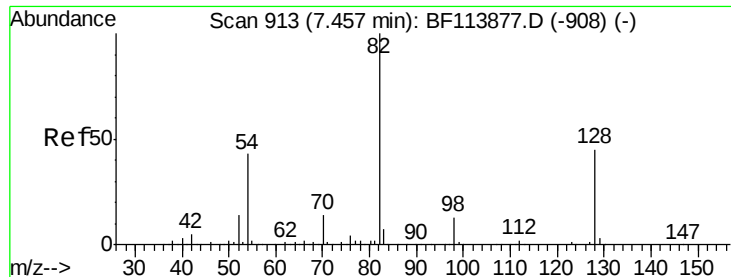
54 6.6 5.0 7.6

68 6.3 4.9 7.3



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

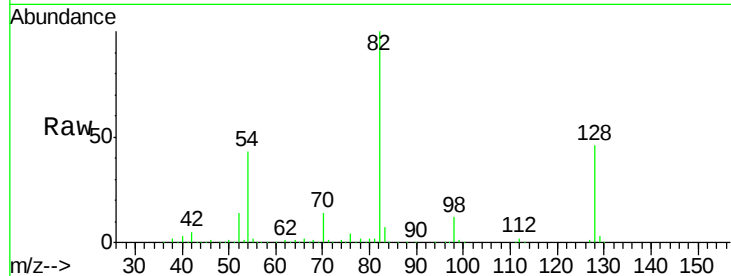




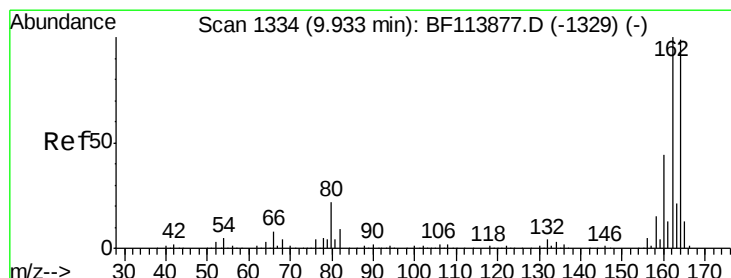
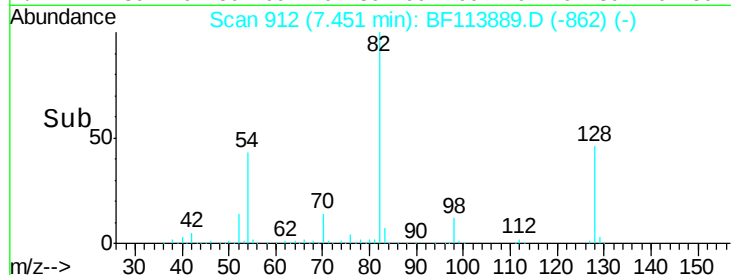
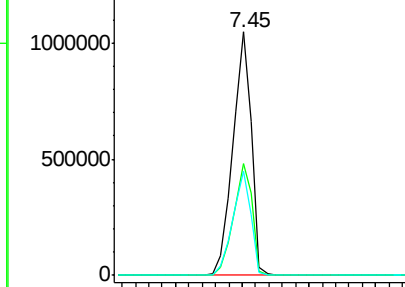
#23
 Nitrobenzene-d5
 Concen: 88.400 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF113889.D
 Acq: 22 Apr 2019 20:31

Instrument :
 BNA_F
 ClientSampled :
 SOIL-PILE-B

Tgt Ion: 82 Resp: 1022022
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.8 55.2
 54 43.0 33.8 50.6

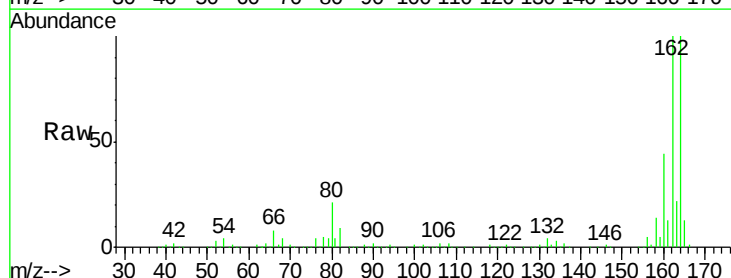


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

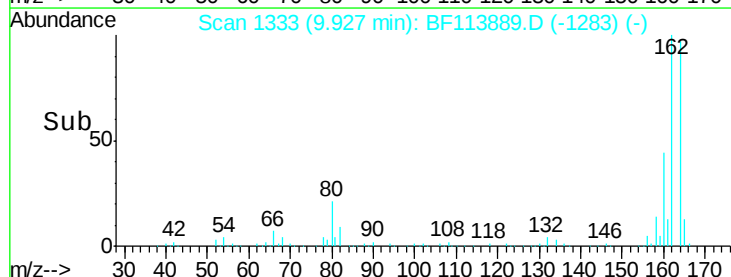
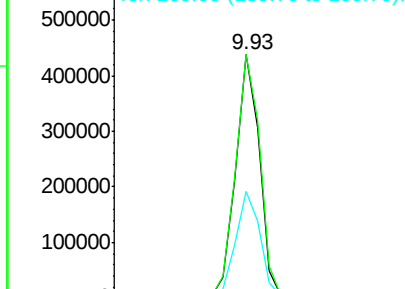


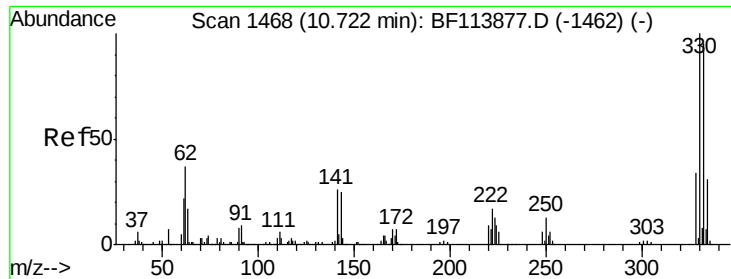
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF113889.D
 Acq: 22 Apr 2019 20:31

Tgt Ion: 164 Resp: 372022
 Ion Ratio Lower Upper
 164 100
 162 99.9 81.1 121.7
 160 43.9 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

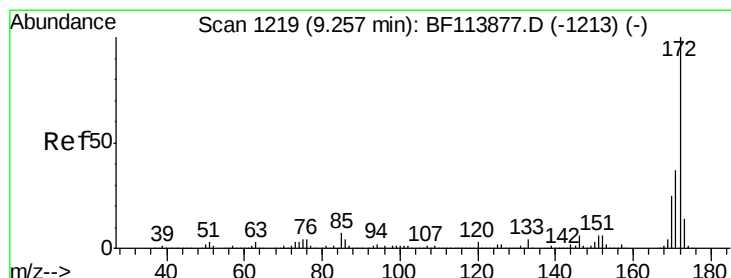
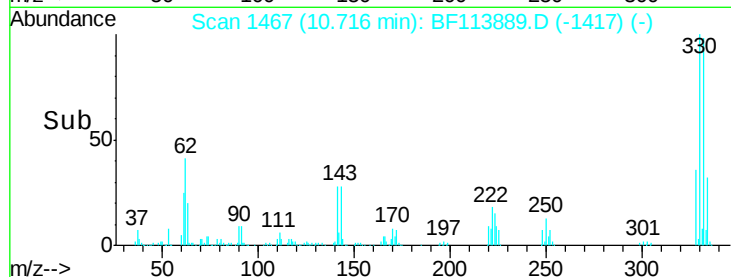
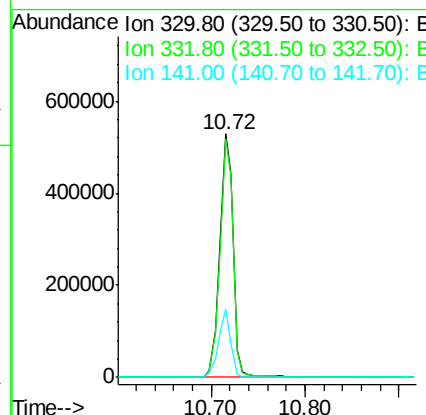
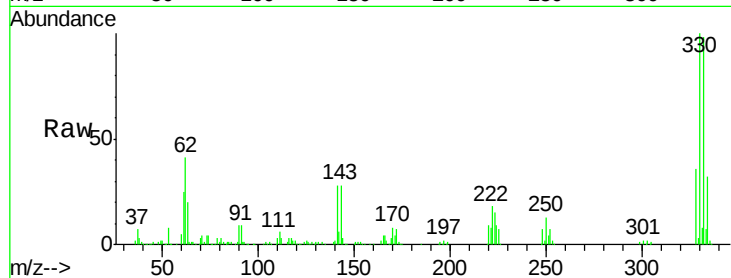




#42
 2,4,6-Tribromophenol
 Concen: 117.926 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF113889.D
 Acq: 22 Apr 2019 20:31

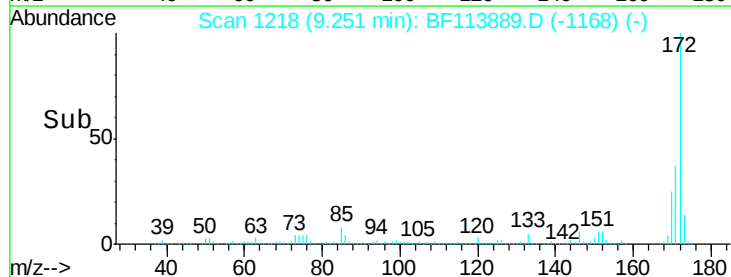
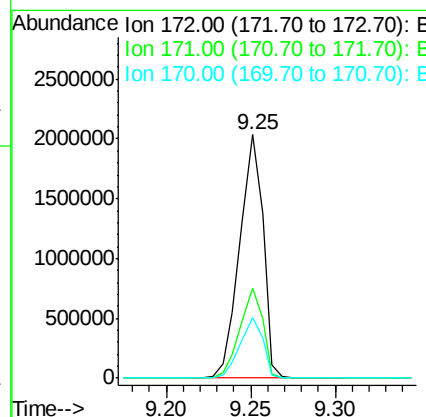
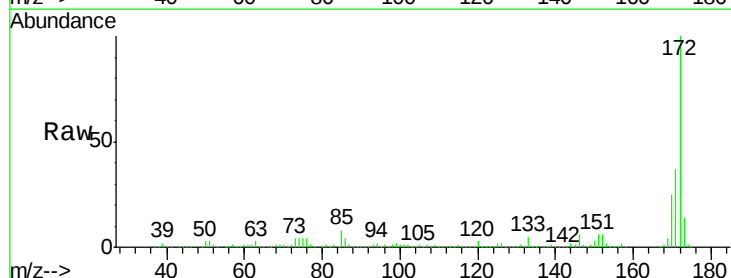
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-B

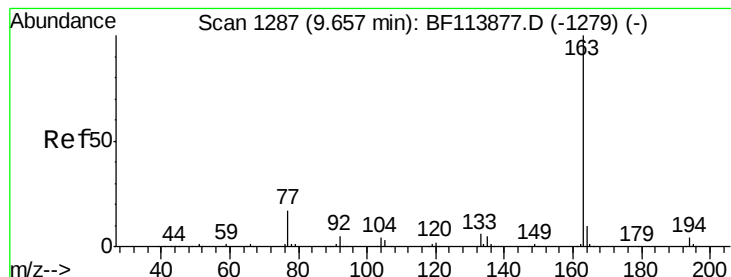
Tgt Ion:330 Resp: 534439
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.5 116.3
 141 26.1 22.2 33.2



#45
 2-Fluorobiphenyl
 Concen: 82.419 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF113889.D
 Acq: 22 Apr 2019 20:31

Tgt Ion:172 Resp: 1960441
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 24.7 19.9 29.9





#50

Dimethylphthalate

Concen: 5.581 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF113889.D

Acq: 22 Apr 2019 20:31

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-B

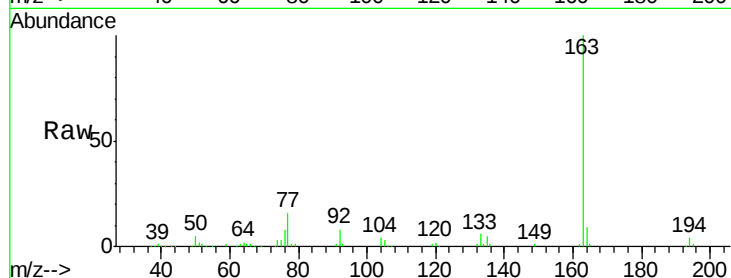
Tgt Ion:163 Resp: 150149

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

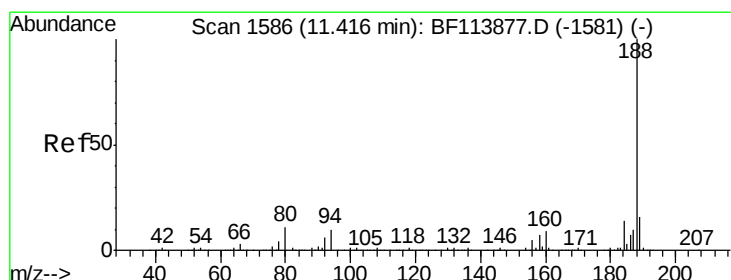
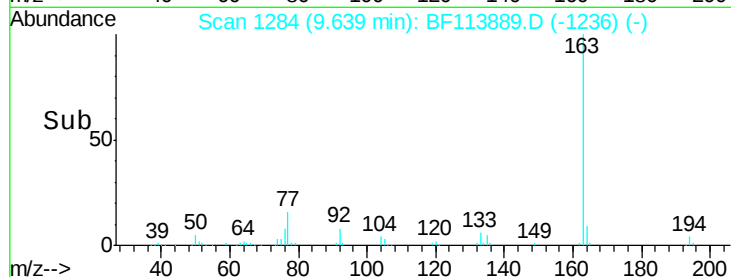
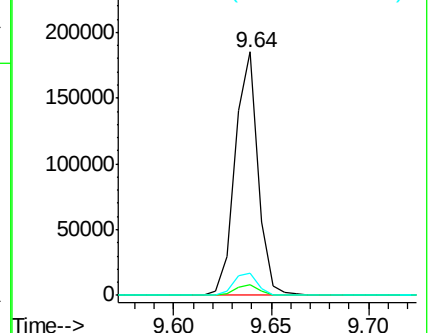
164 9.3 8.5 12.7



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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF113889.D

Acq: 22 Apr 2019 20:31

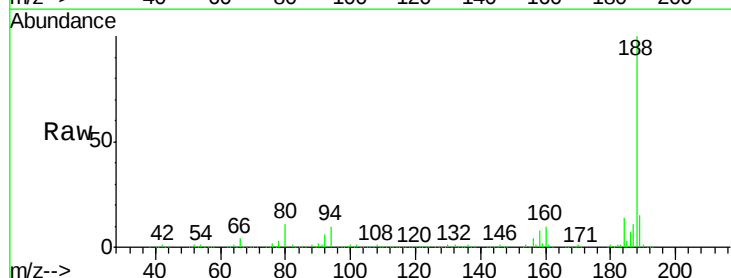
Tgt Ion:188 Resp: 705517

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.4

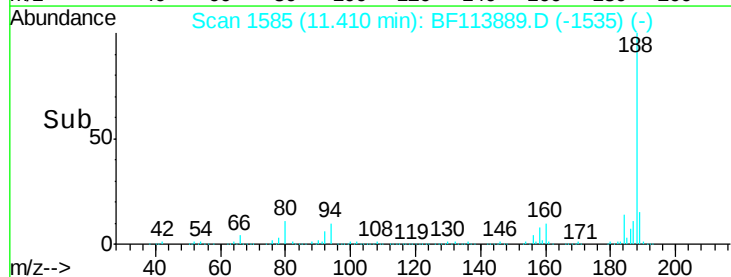
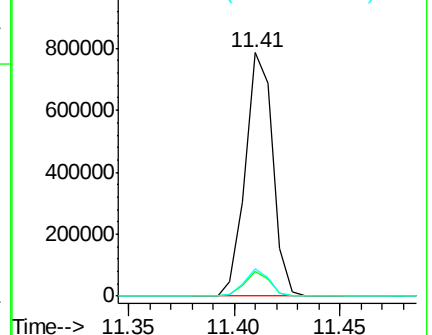
80 11.0 9.0 13.6

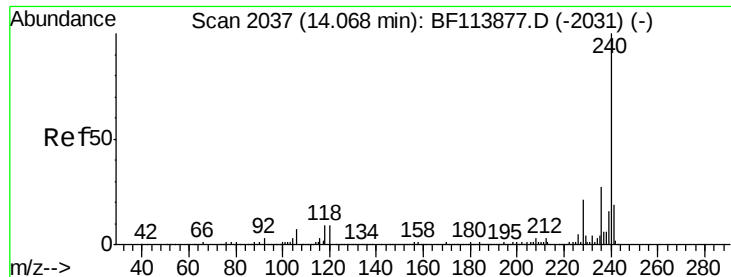


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF113889.D

Acq: 22 Apr 2019 20:31

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-B

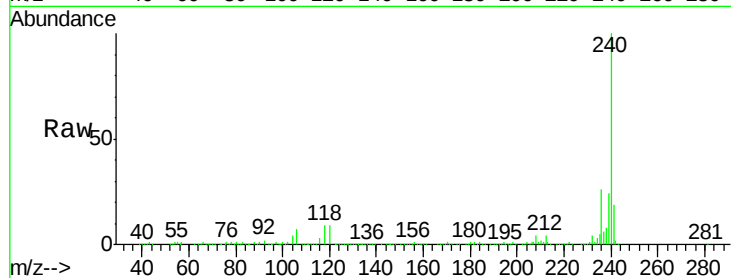
Tgt Ion:240 Resp: 507765

Ion Ratio Lower Upper

240 100

120 9.2 9.3 13.9#

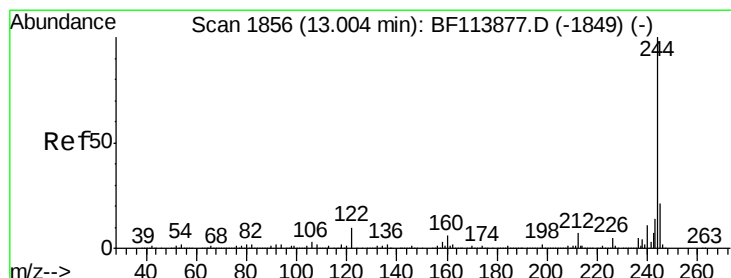
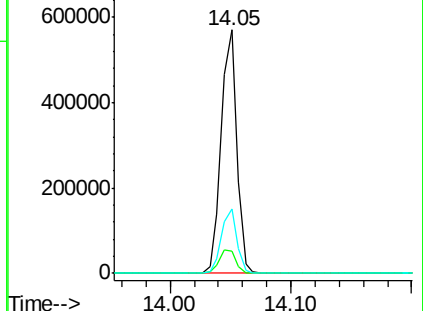
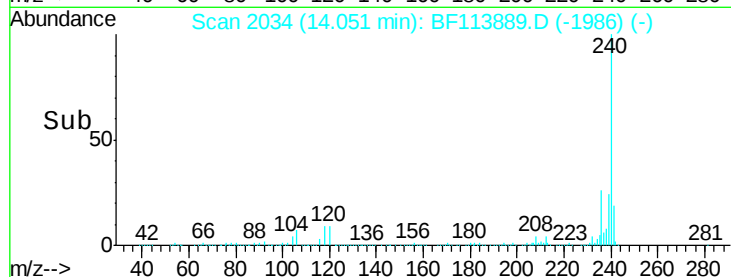
236 26.3 21.2 31.8



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: 87.609 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF113889.D

Acq: 22 Apr 2019 20:31

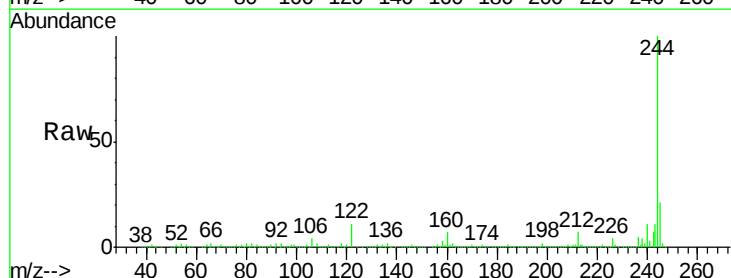
Tgt Ion:244 Resp: 2169848

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

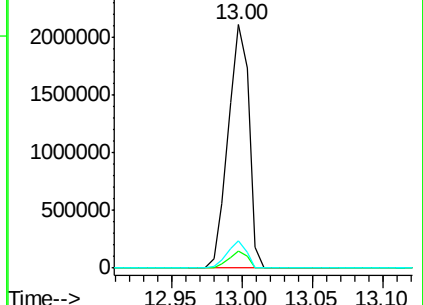
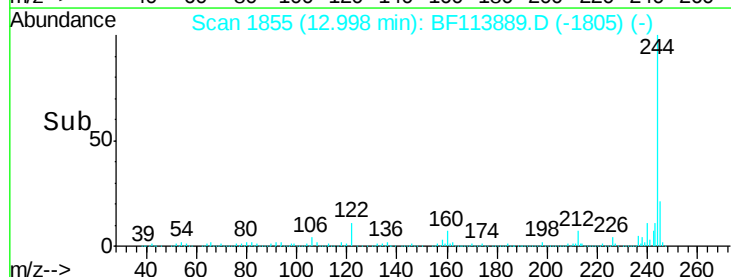
122 11.1 7.6 11.4

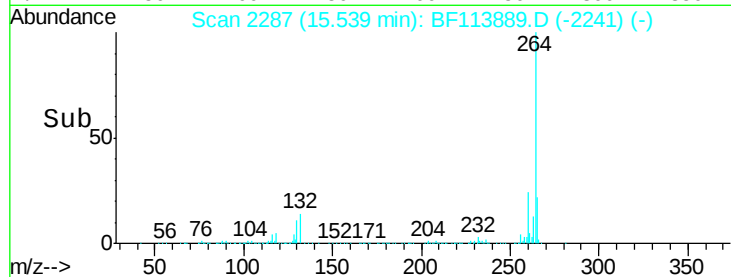
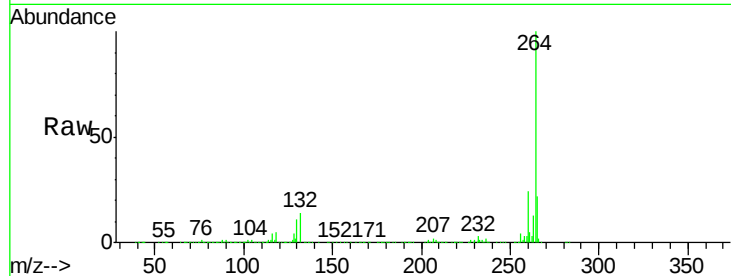
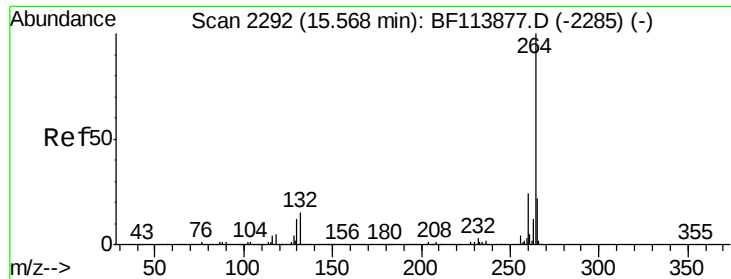


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.54 min Scan# 2287

Delta R.T. -0.03 min

Lab File: BF113889.D

Acq: 22 Apr 2019 20:31

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-B

Tgt Ion: 264 Resp: 532536

Ion Ratio Lower Upper

264 100

260 24.4 18.9 28.3

265 22.2 17.3 25.9

