

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
 Data File : BF113952.D
 Acq On : 24 Apr 2019 11:12
 Operator : JU/SJ
 Sample : K2526-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-ROLLOFFS

Quant Time: Apr 25 05:13:10 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

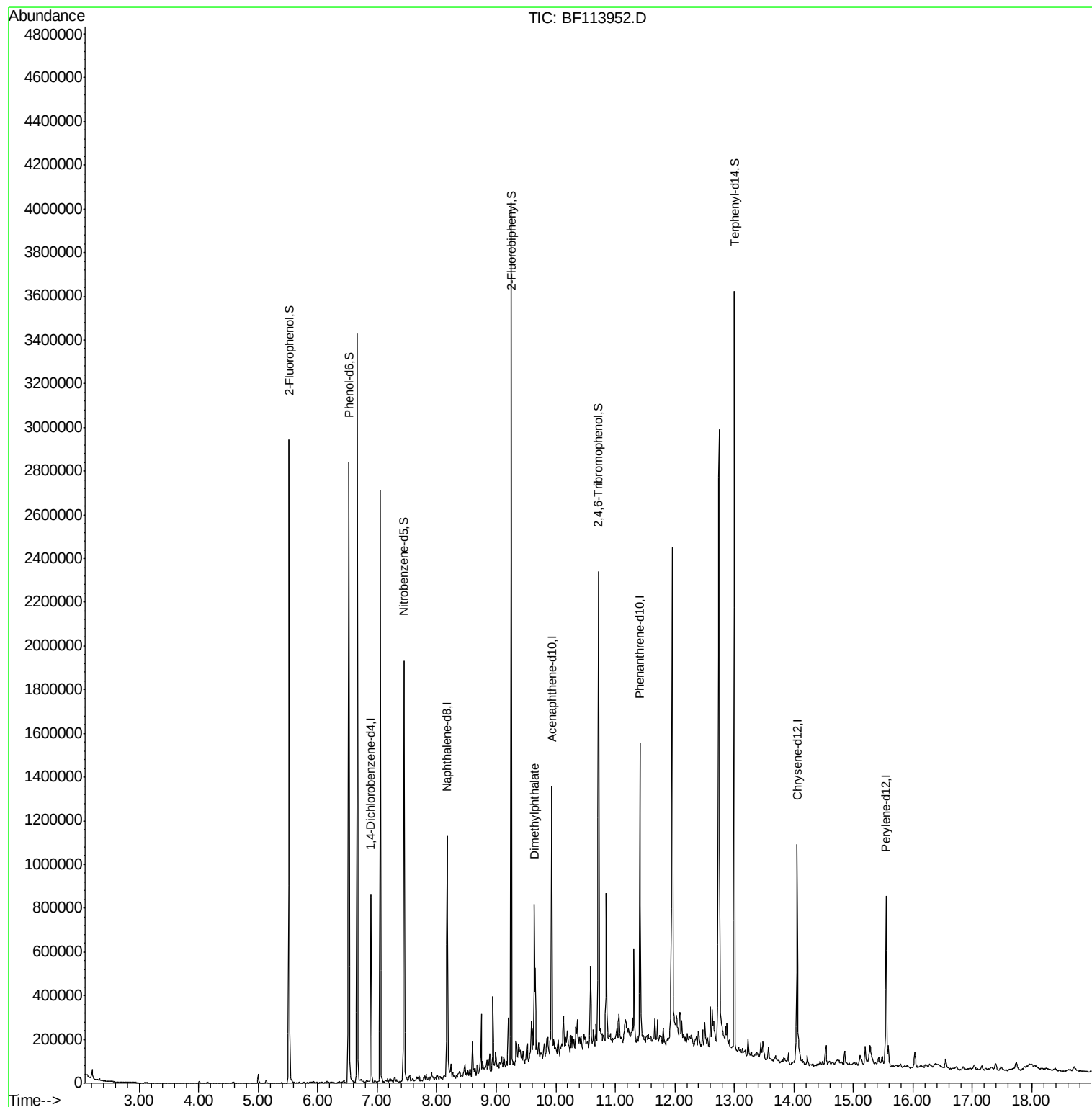
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	135855	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	499848	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	248321	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	465693	20.00	ng	0.00
76) Chrysene-d12	14.06	240	303972	20.00	ng	-0.01
87) Perylene-d12	15.55	264	364210	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	921344	115.99	ng	0.00
7) Phenol-d6	6.53	99	1190705	119.48	ng	0.00
23) Nitrobenzene-d5	7.45	82	724477	89.49	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	323620	106.98	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1244453	78.38	ng	0.00
79) Terphenyl-d14	13.00	244	1167716	78.76	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	242091	13.480	ng	Qvalue 99

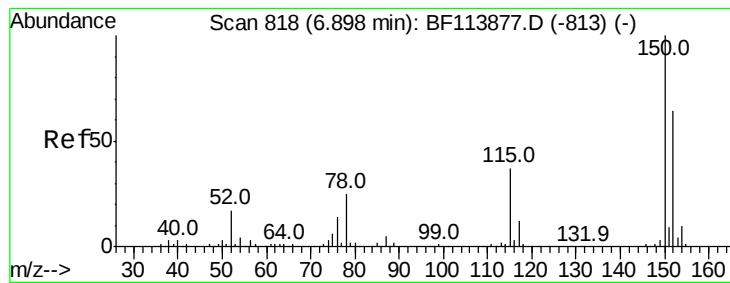
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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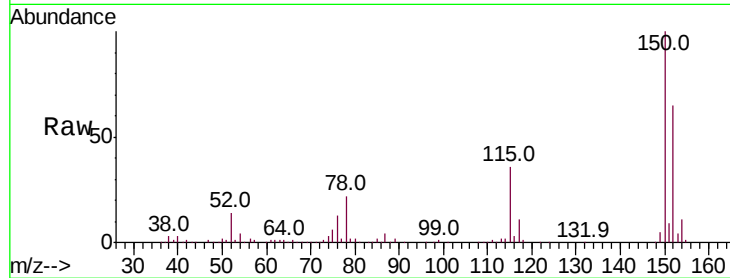


#1

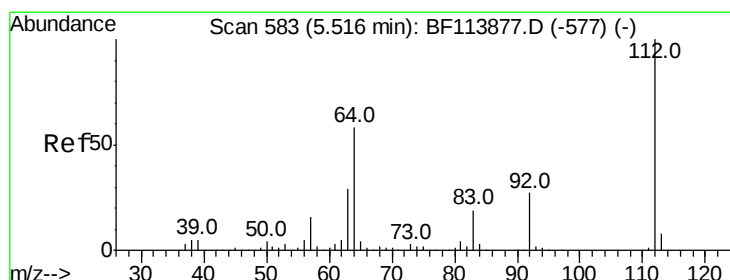
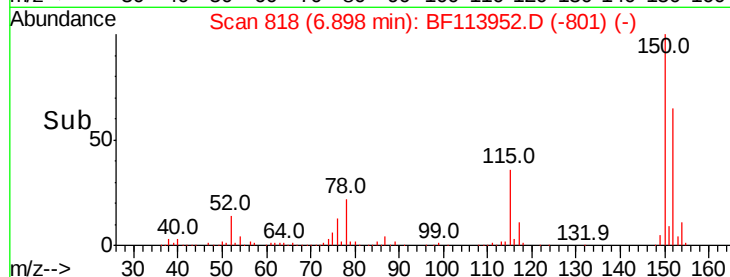
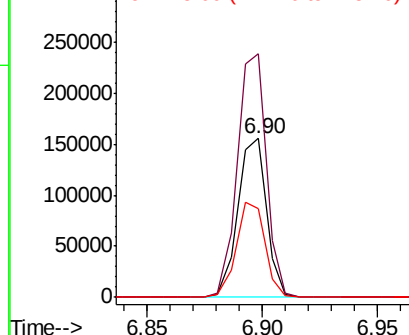
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113952.D
Acq: 24 Apr 2019 11:12

Instrument :
BNA_F
ClientSampleId :
SOIL-ROLLOFFS

Tot Ion:152 Resp: 135855
Ion Ratio Lower Upper
152 100
150 153.4 125.9 188.9
115 55.7 45.9 68.9



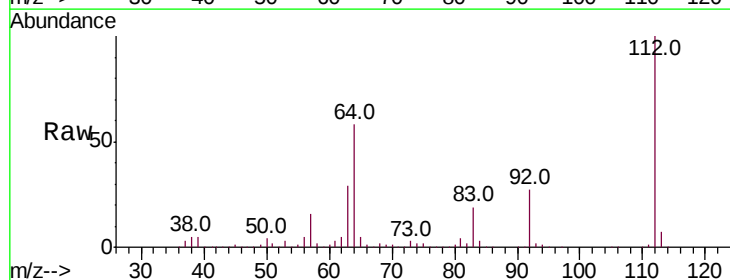
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



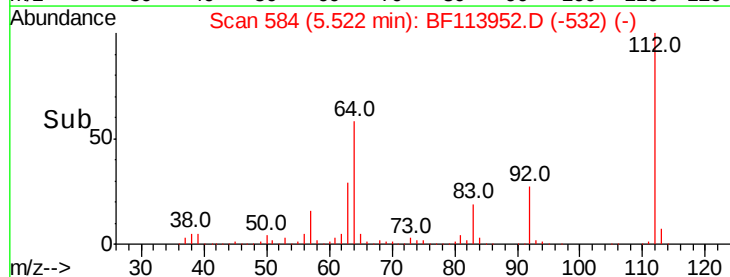
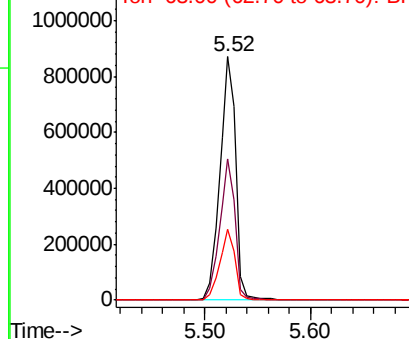
#5

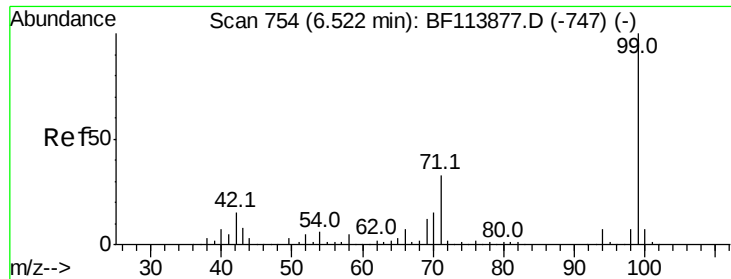
2-Fluorophenol
Concen: 115.993 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF113952.D
Acq: 24 Apr 2019 11:12

Tgt Ion:112 Resp: 921344
Ion Ratio Lower Upper
112 100
64 58.0 46.6 69.8
63 29.1 23.1 34.7



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: 119.482 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113952.D

Acq: 24 Apr 2019 11:12

Instrument :

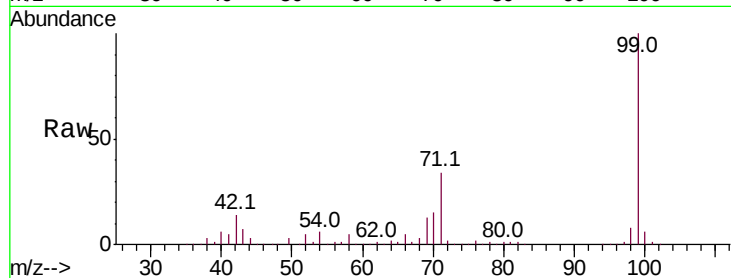
BNA_F

ClientSampleId :

SOIL-ROLLOFFS

Tot Ion: 99 Resp: 1190705

Ion	Ratio	Lower	Upper
99	100		
42	14.5	12.5	18.7
71	33.9	26.9	40.3

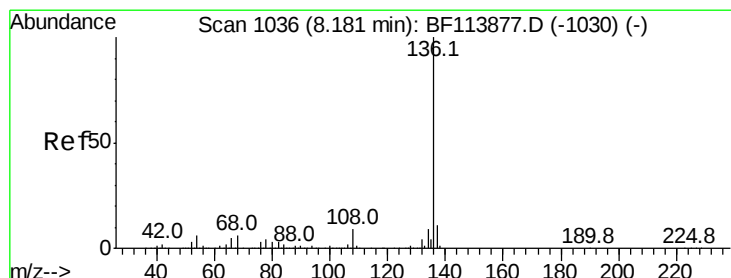
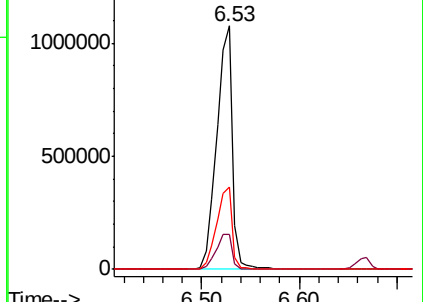
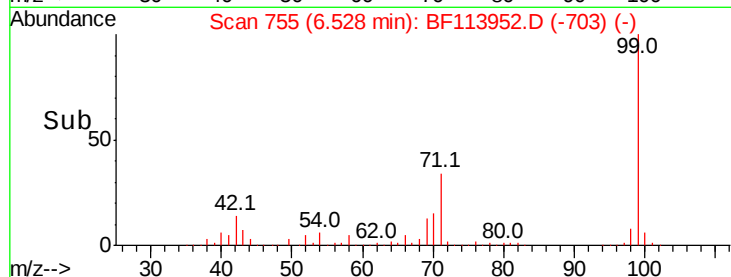


Abundance

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

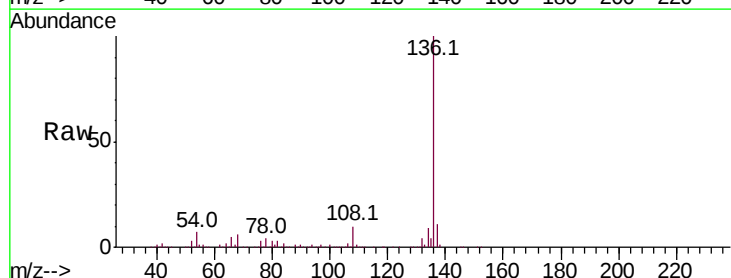
Delta R.T. -0.01 min

Lab File: BF113952.D

Acq: 24 Apr 2019 11:12

Tgt Ion: 136 Resp: 499848

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	6.6	5.0	7.6
68	6.3	4.9	7.3



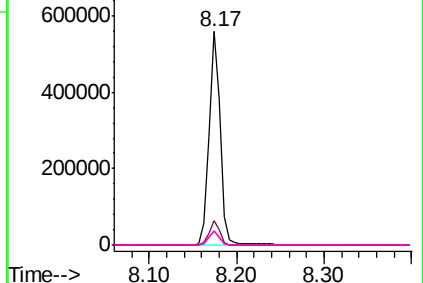
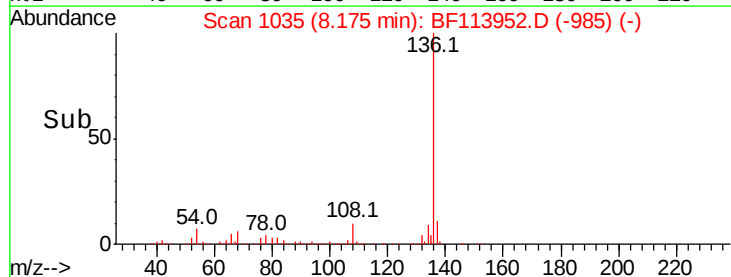
Abundance

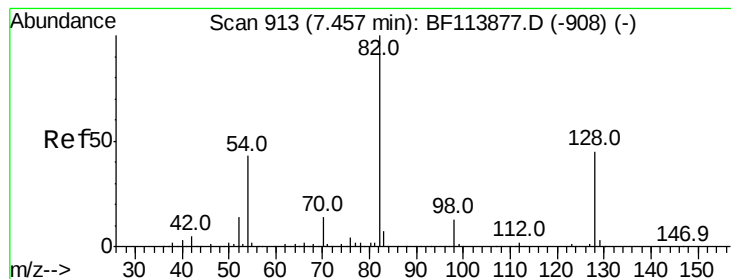
Ion 136.00 (135.70 to 136.70): E

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: 89.491 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF113952.D

Acq: 24 Apr 2019 11:12

Instrument :

BNA_F

ClientSampleId :

SOIL-ROLLOFFS

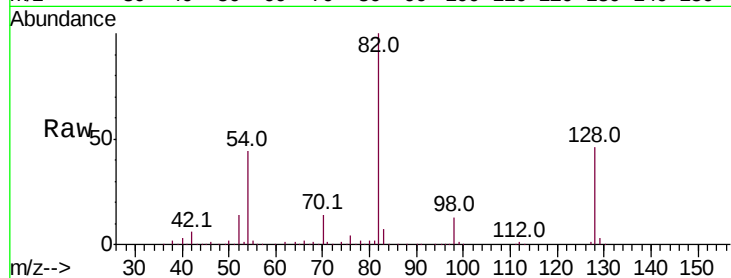
Tot Ion: 82 Resp: 724477

Ion Ratio Lower Upper

82 100

128 46.4 36.8 55.2

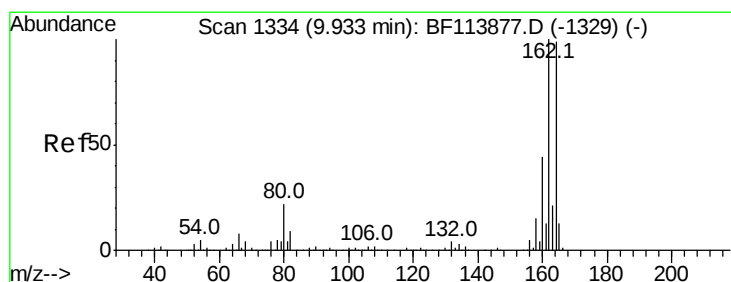
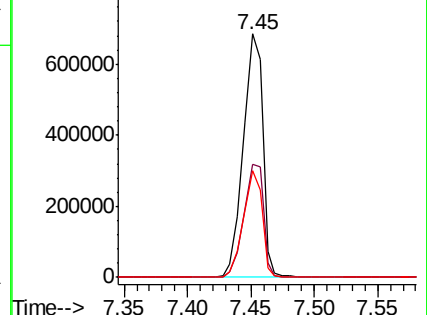
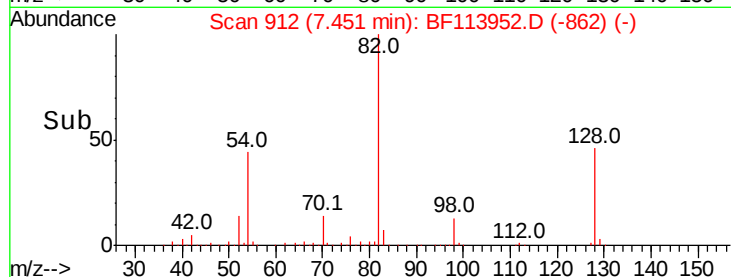
54 43.8 33.8 50.6



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# 1334

Delta R.T. 0.00 min

Lab File: BF113952.D

Acq: 24 Apr 2019 11:12

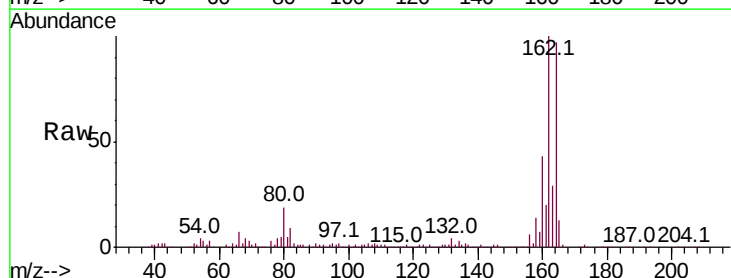
Tgt Ion:164 Resp: 248321

Ion Ratio Lower Upper

164 100

162 103.4 81.1 121.7

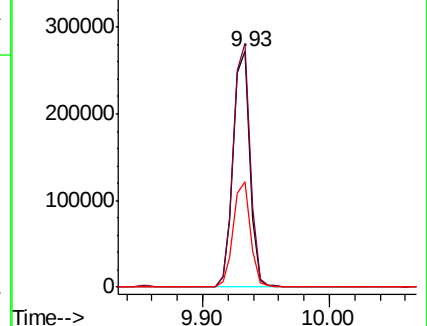
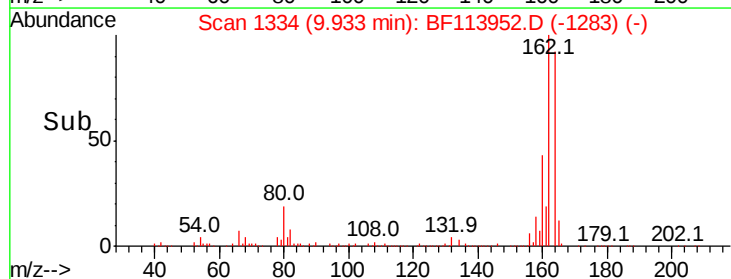
160 44.8 35.8 53.6

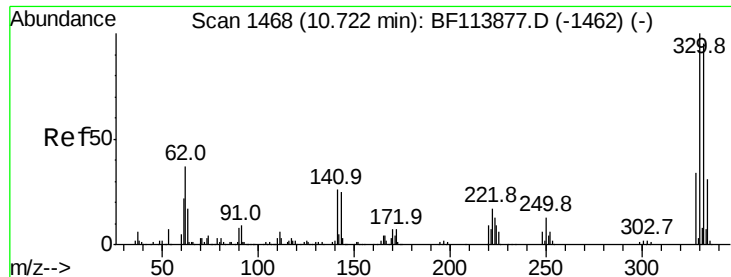


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

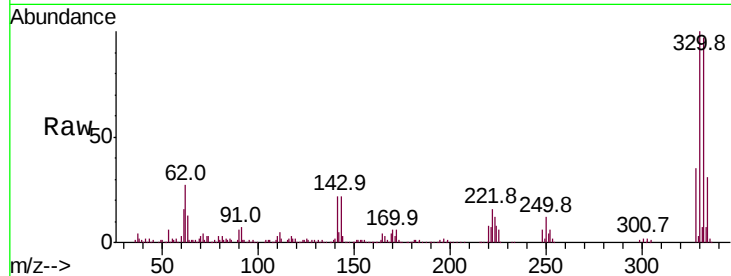




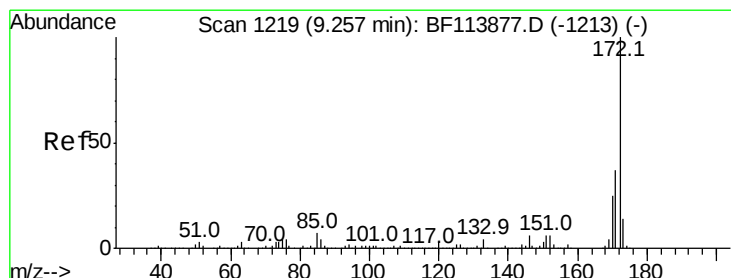
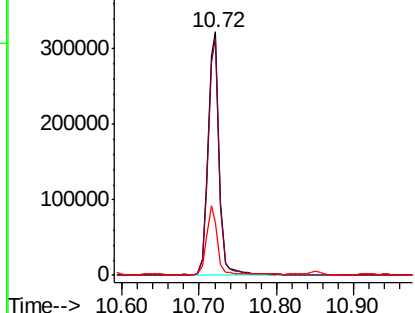
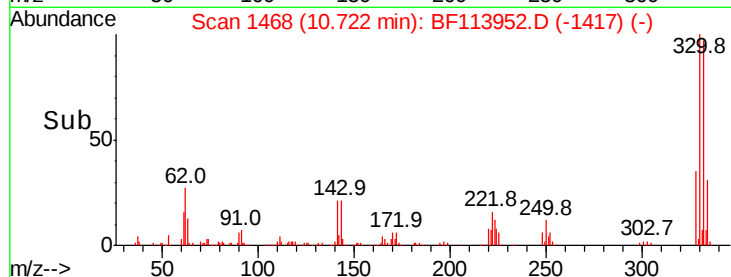
#42
 2,4,6-Tribromophenol
 Concen: 106.980 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF113952.D
 Acq: 24 Apr 2019 11:12

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-ROLLOFFS

Tot Ion:330 Resp: 323620
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.5 116.3
 141 27.3 22.2 33.2

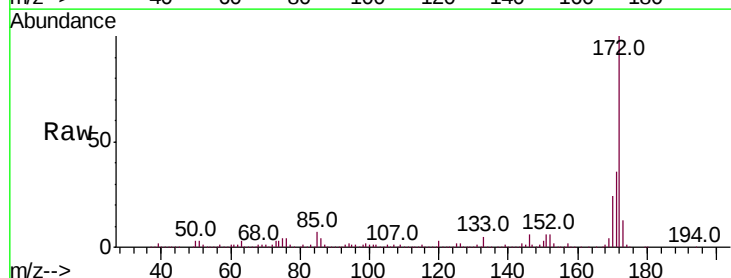


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

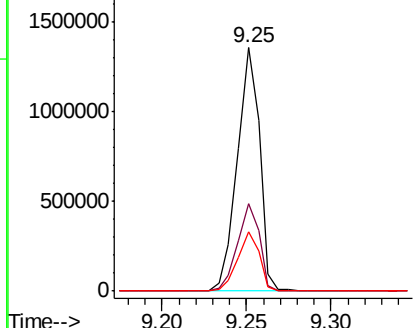
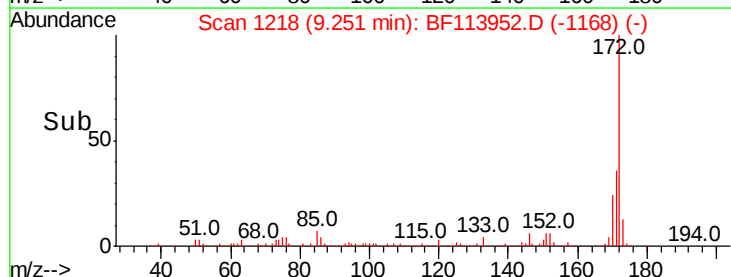


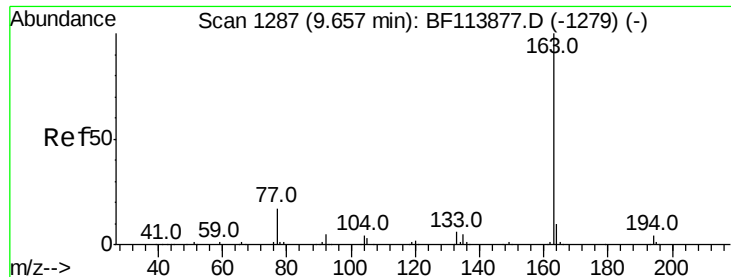
#45
 2-Fluorobiphenyl
 Concen: 78.381 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF113952.D
 Acq: 24 Apr 2019 11:12

Tgt Ion:172 Resp: 1244453
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.5 19.9 29.9



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: 13.480 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF113952.D

Acq: 24 Apr 2019 11:12

Instrument :

BNA_F

ClientSampleId :

SOIL-ROLLOFFS

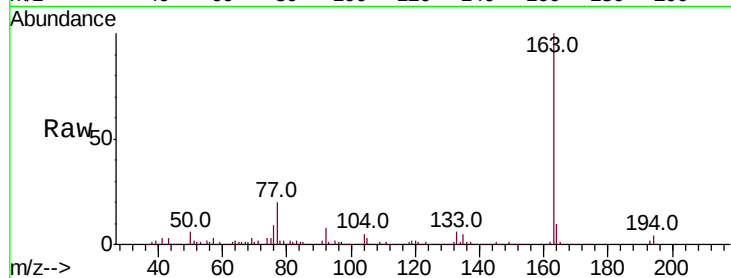
Tot Ion:163 Resp: 242091

Ion Ratio Lower Upper

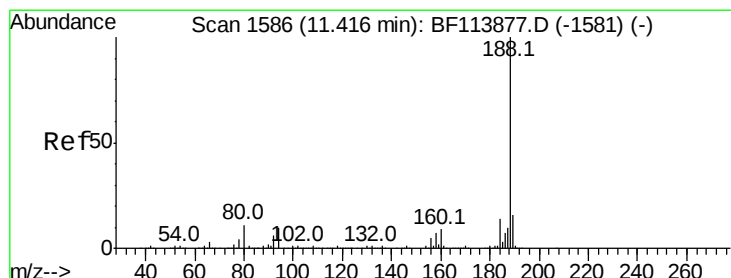
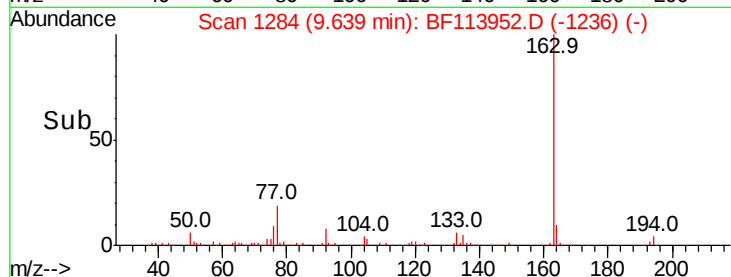
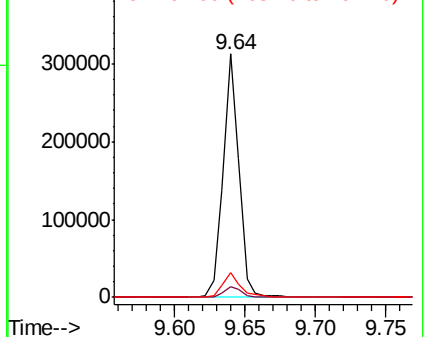
163 100

194 4.3 3.4 5.2

164 10.1 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: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF113952.D

Acq: 24 Apr 2019 11:12

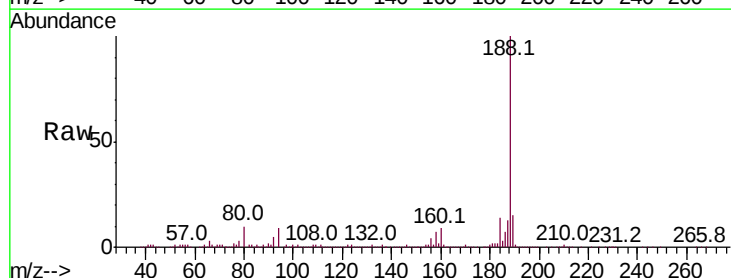
Tgt Ion:188 Resp: 465693

Ion Ratio Lower Upper

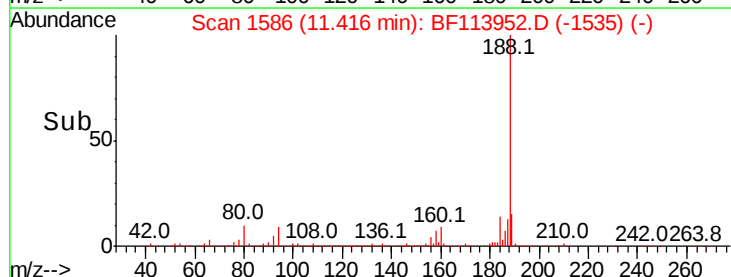
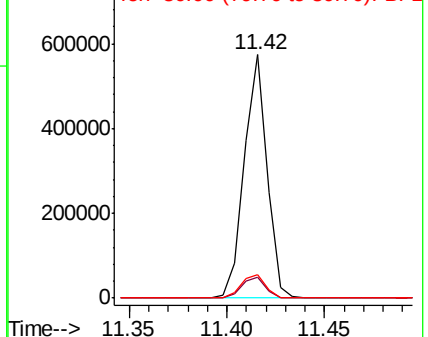
188 100

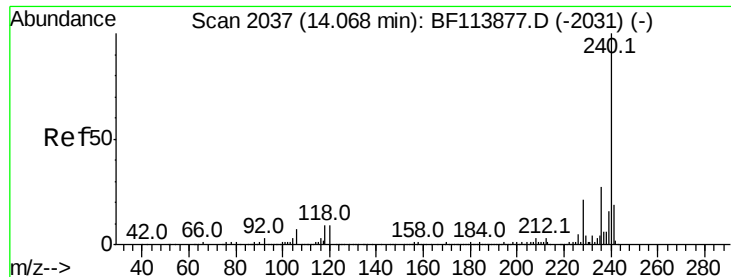
94 8.8 8.2 12.4

80 9.8 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: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF113952.D

Acq: 24 Apr 2019 11:12

Instrument :

BNA_F

ClientSampleId :

SOIL-ROLLOFFS

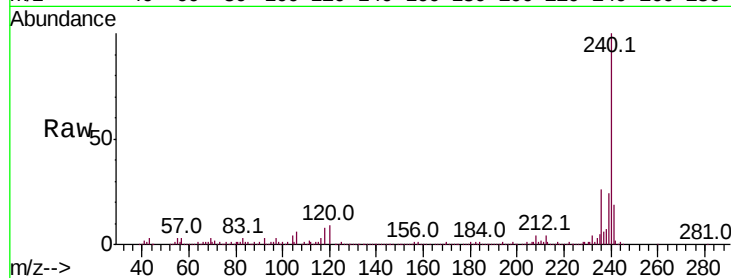
Tot Ion:240 Resp: 303972

Ion Ratio Lower Upper

240 100

120 8.7 9.3 13.9#

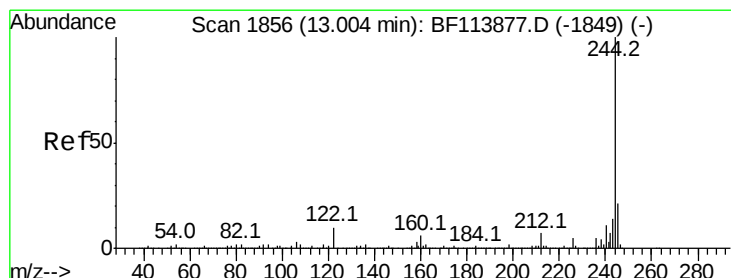
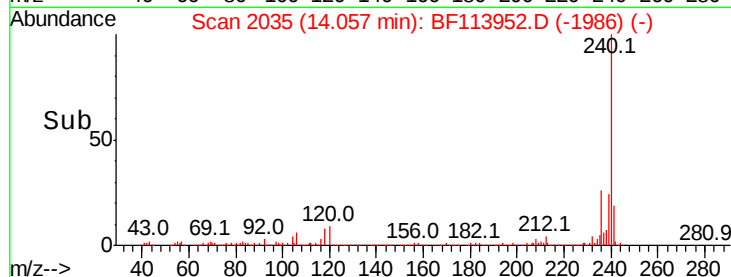
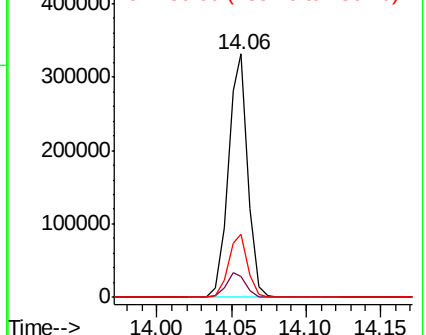
236 26.1 21.2 31.8



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: 78.756 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF113952.D

Acq: 24 Apr 2019 11:12

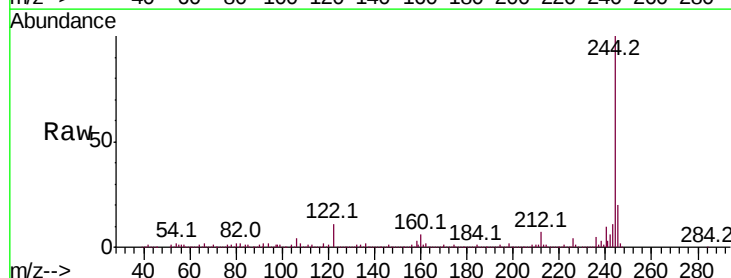
Tgt Ion:244 Resp: 1167716

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

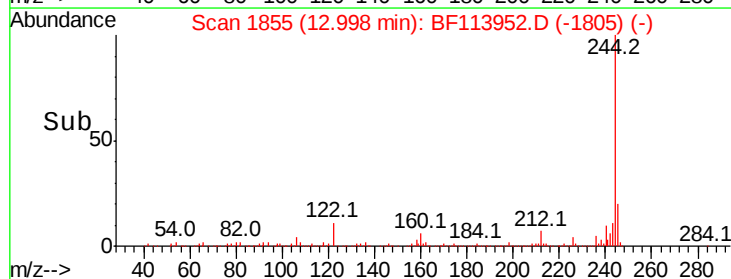
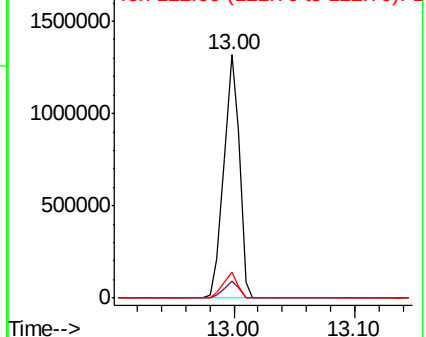
122 10.7 7.6 11.4

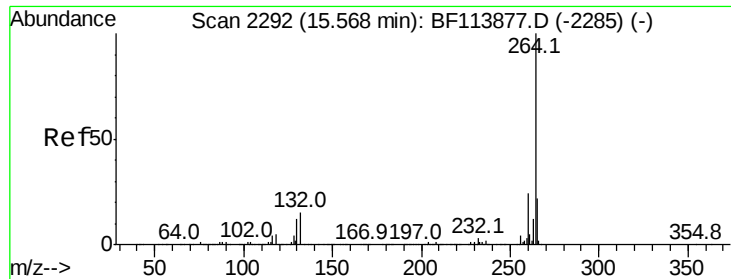


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

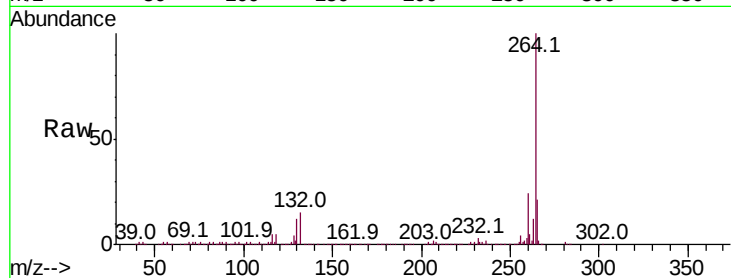




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.02 min
Lab File: BF113952.D
Acq: 24 Apr 2019 11:12

Instrument :
BNA_F
ClientSampleId :
SOIL-ROLLOFFS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.2	17.3	25.9



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

