

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF111993.D
 Acq On : 10 Jan 2019 17:55
 Operator : JU/SJ
 Sample : K1100-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUM-C

Quant Time: Jan 11 01:28:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

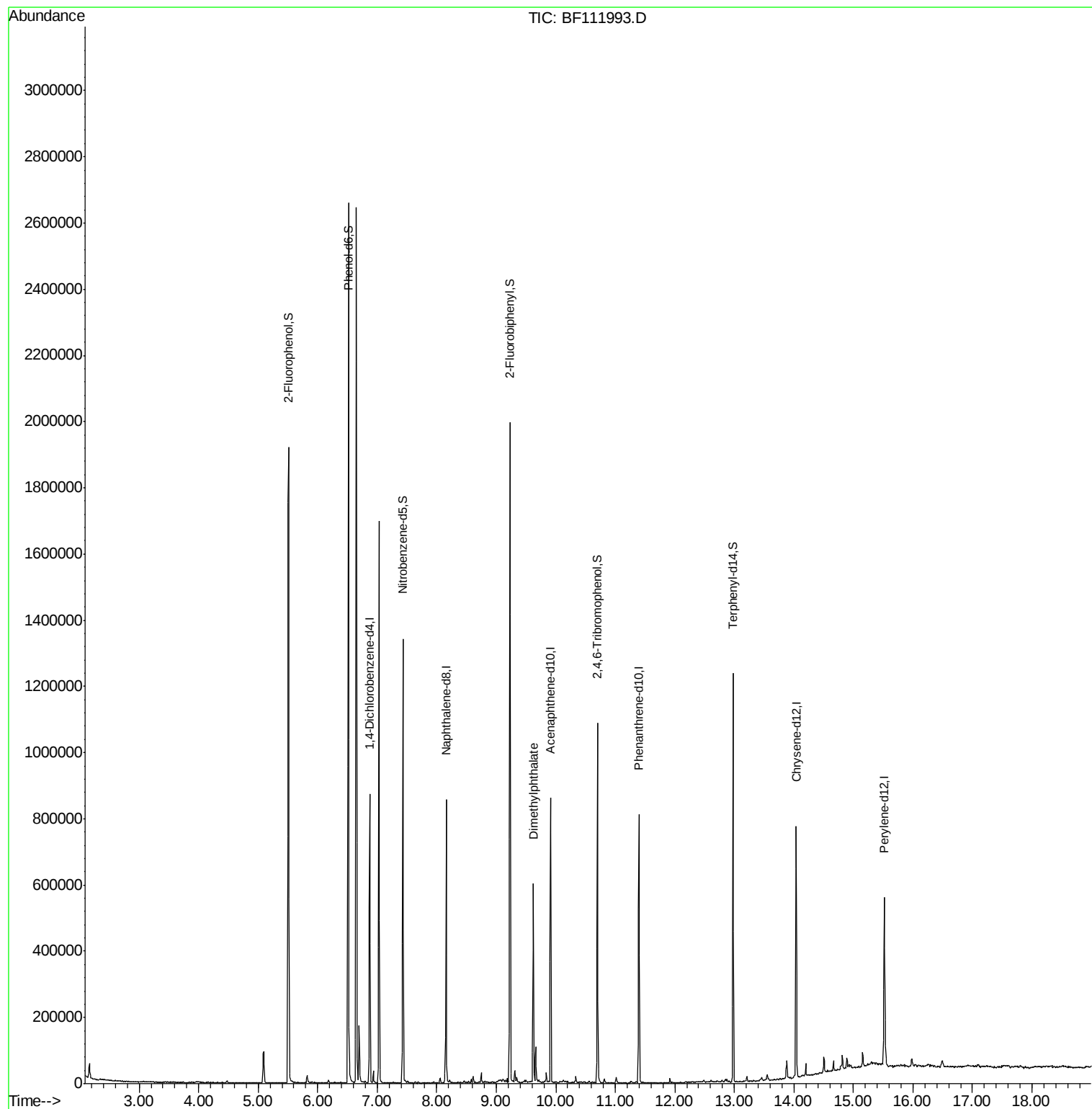
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	118452	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	359115	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	174522	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	279533	20.00	ng	-0.02
76) Chrysene-d12	14.04	240	257093	20.00	ng	-0.02
87) Perylene-d12	15.52	264	232837	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	519585	75.04	ng	-0.01
7) Phenol-d6	6.52	99	849211	95.16	ng	-0.02
23) Nitrobenzene-d5	7.43	82	403123	59.99	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	136164	59.98	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	573084	47.88	ng	-0.02
79) Terphenyl-d14	12.98	244	393161	29.03	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.62	163	214138	16.334	ng	Qvalue 98

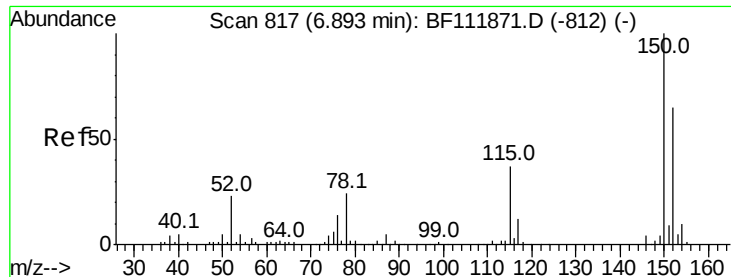
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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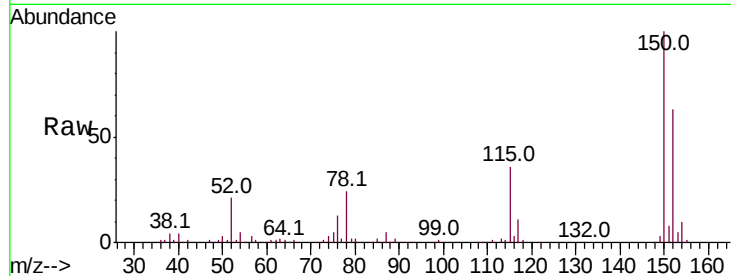


#1

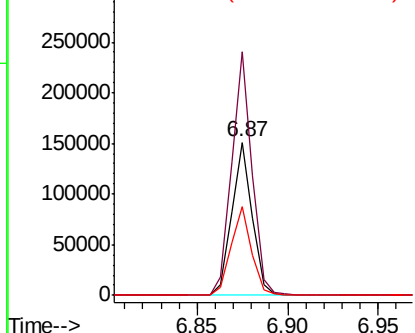
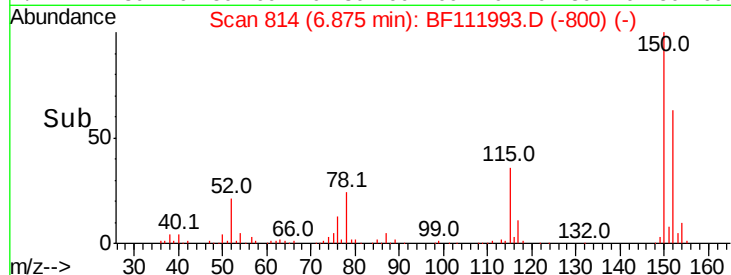
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF111993.D
 Acq: 10 Jan 2019 17:55

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUM-C

Tot Ion:152 Resp: 118452
 Ion Ratio Lower Upper
 152 100
 150 159.0 122.7 184.1
 115 57.9 45.2 67.8



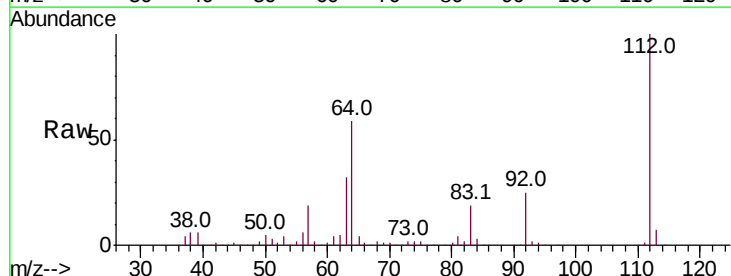
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



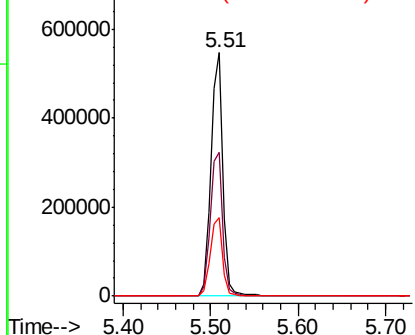
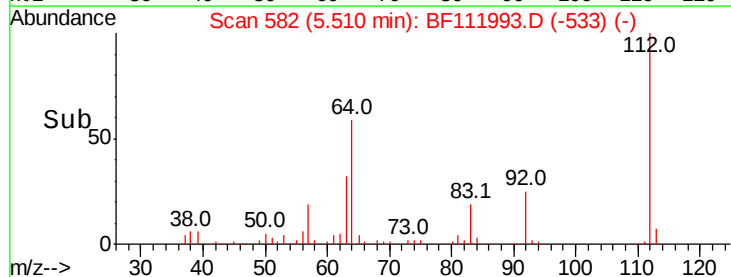
#5

2-Fluorophenol
 Concen: 75.044 ng
 RT: 5.51 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF111993.D
 Acq: 10 Jan 2019 17:55

Tgt Ion:112 Resp: 519585
 Ion Ratio Lower Upper
 112 100
 64 59.0 48.3 72.5
 63 32.3 26.1 39.1



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: 95.162 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF111993.D

Acq: 10 Jan 2019 17:55

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUM-C

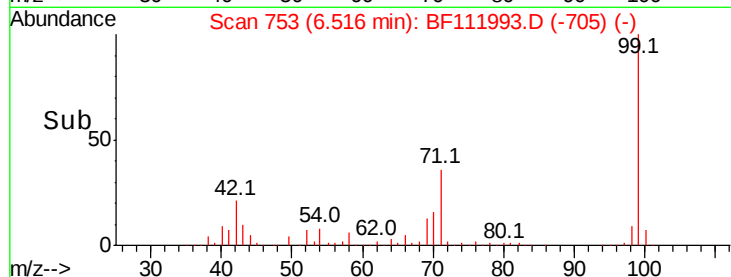
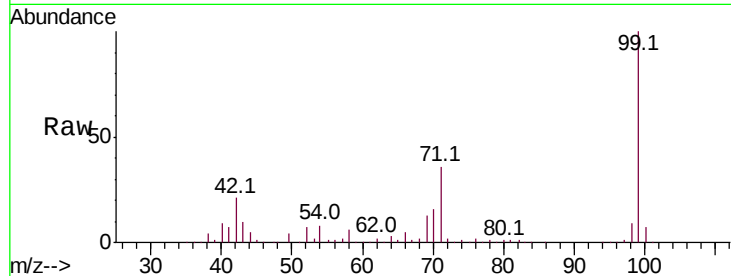
Tot Ion: 99 Resp: 849211

Ion Ratio Lower Upper

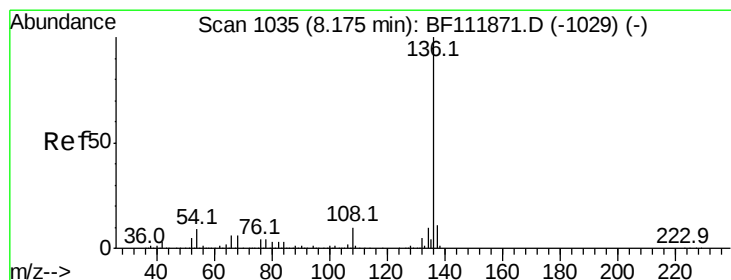
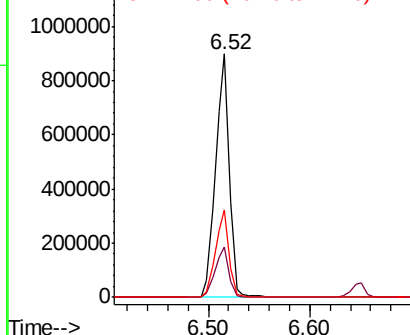
99 100

42 20.8 17.9 26.9

71 35.8 28.7 43.1



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: 8.16 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF111993.D

Acq: 10 Jan 2019 17:55

Tgt Ion: 136 Resp: 359115

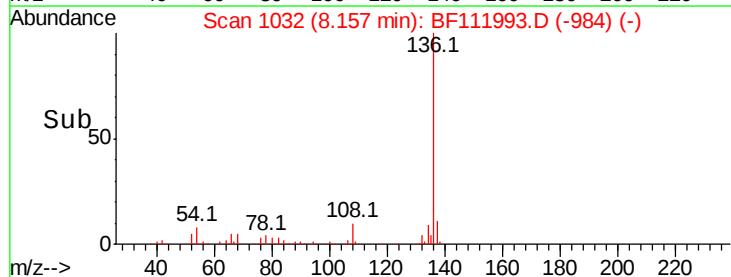
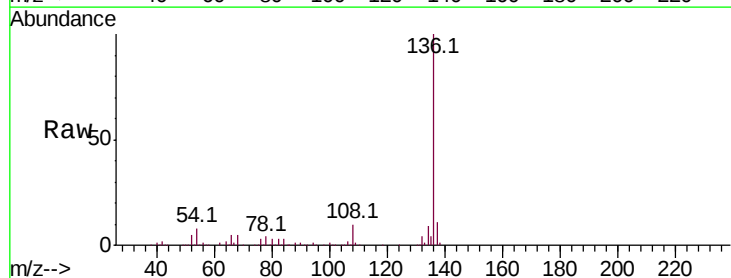
Ion Ratio Lower Upper

136 100

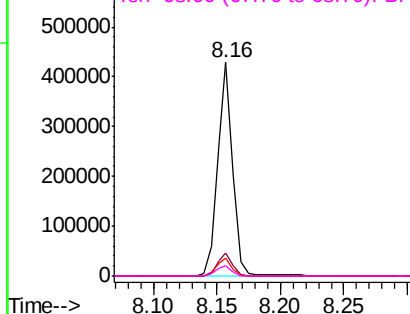
137 10.7 9.1 13.7

54 8.2 7.2 10.8

68 5.1 4.4 6.6



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

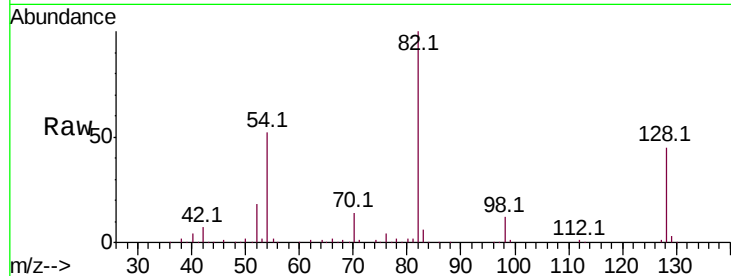




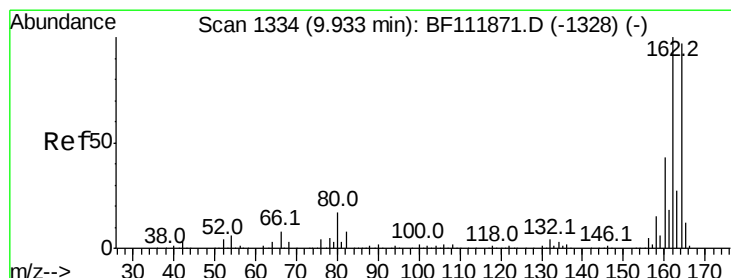
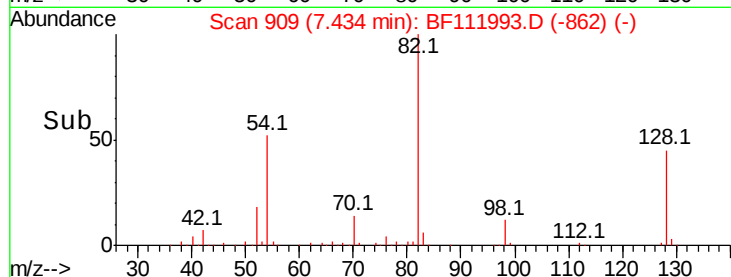
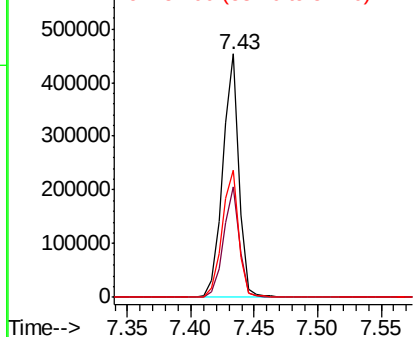
#23
Nitrobenzene-d5
Concen: 59.995 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF111993.D
Acq: 10 Jan 2019 17:55

Instrument :
BNA_F
ClientSampleId :
SOIL-DRUM-C

Tot Ion: 82 Resp: 403123
Ion Ratio Lower Upper
82 100
128 45.5 35.7 53.5
54 52.3 45.8 68.8

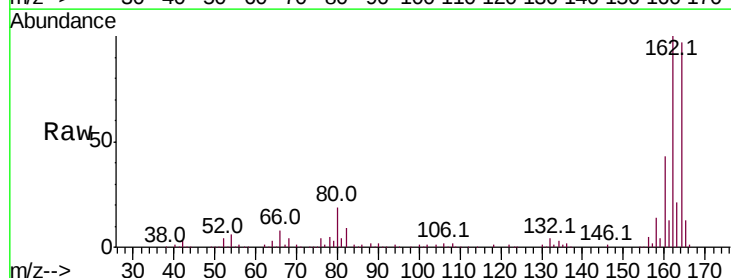


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

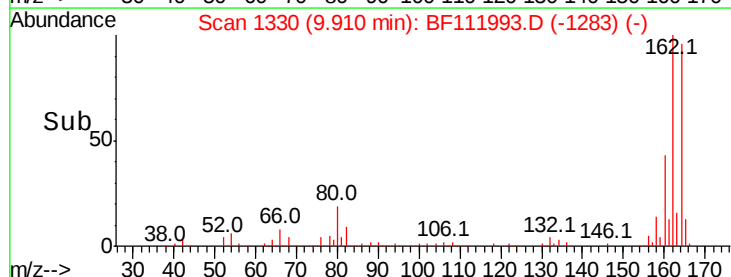
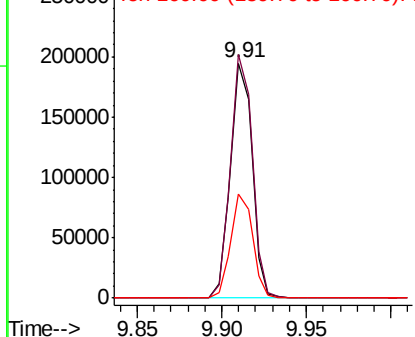


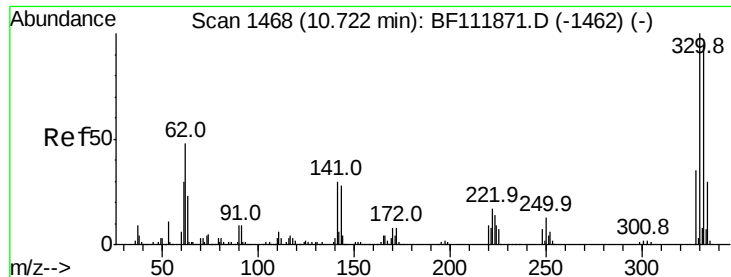
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF111993.D
Acq: 10 Jan 2019 17:55

Tgt Ion:164 Resp: 174522
Ion Ratio Lower Upper
164 100
162 103.5 82.2 123.2
160 44.0 35.5 53.3



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: 59.984 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BF111993.D

Acq: 10 Jan 2019 17:55

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUM-C

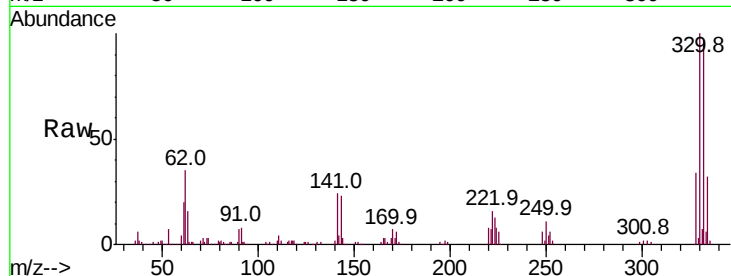
Tot Ion:330 Resp: 136164

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

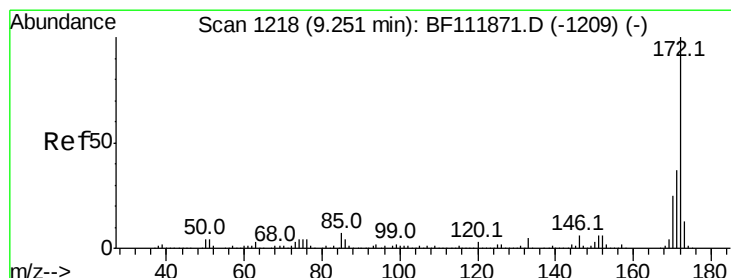
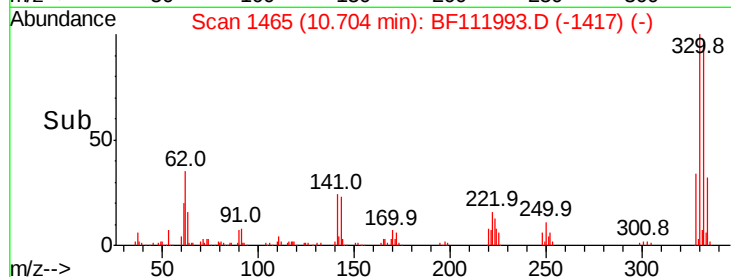
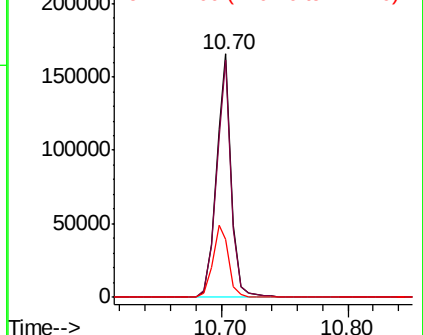
141 31.8 23.7 35.5



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: 47.883 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF111993.D

Acq: 10 Jan 2019 17:55

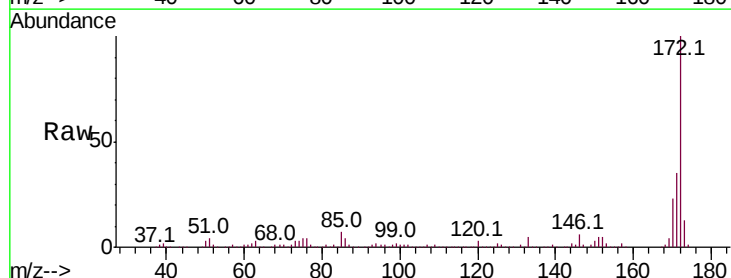
Tgt Ion:172 Resp: 573084

Ion Ratio Lower Upper

172 100

171 35.1 29.6 44.4

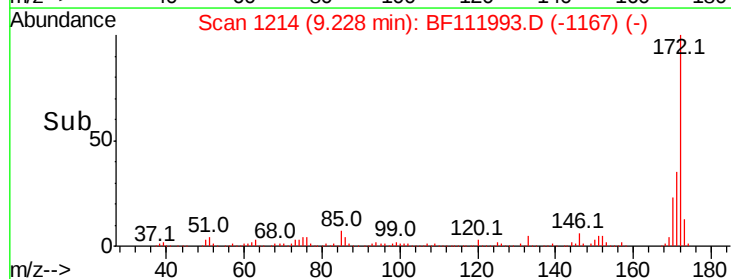
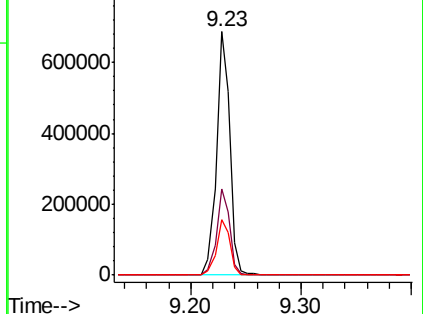
170 22.8 19.8 29.8

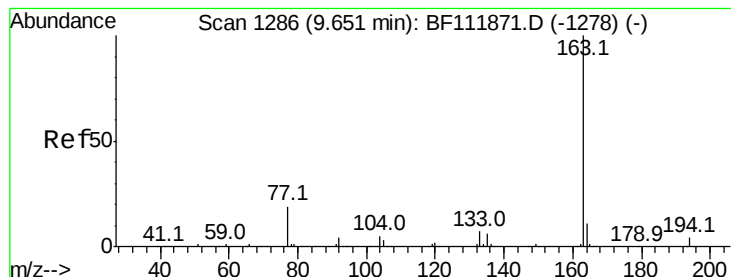


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 16.334 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.03 min

Lab File: BF111993.D

Acq: 10 Jan 2019 17:55

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUM-C

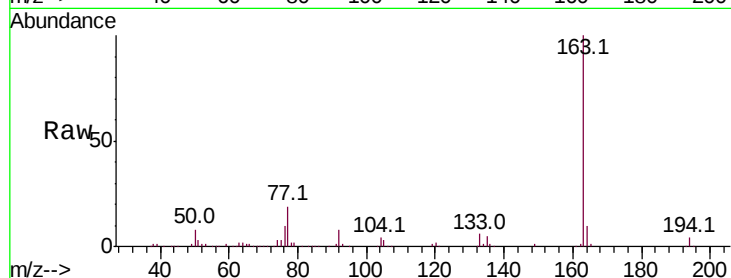
Tot Ion:163 Resp: 214138

Ion Ratio Lower Upper

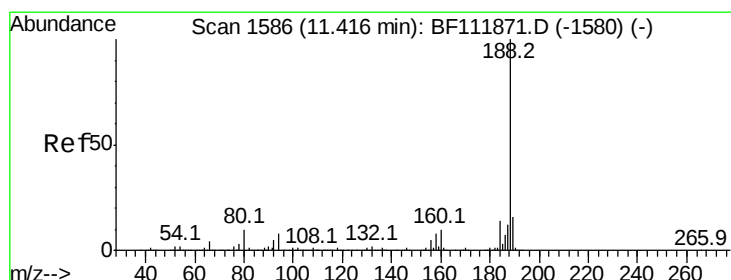
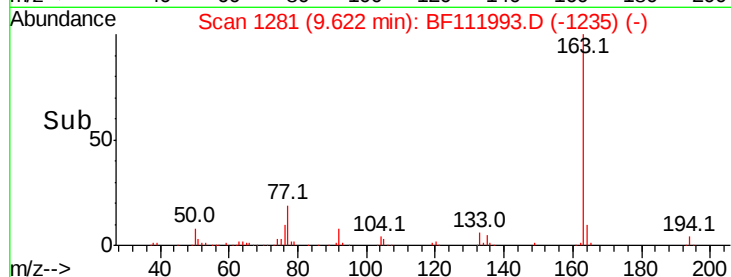
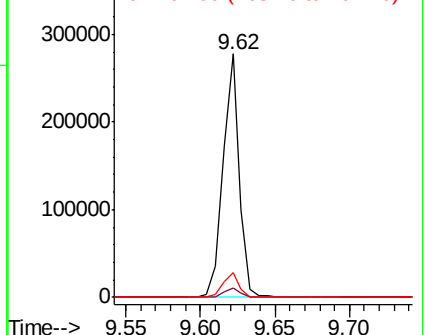
163 100

194 4.0 3.4 5.2

164 9.9 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: 11.40 min Scan# 1583

Delta R.T. -0.02 min

Lab File: BF111993.D

Acq: 10 Jan 2019 17:55

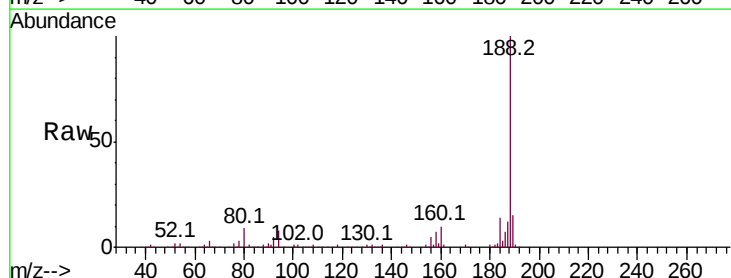
Tgt Ion:188 Resp: 279533

Ion Ratio Lower Upper

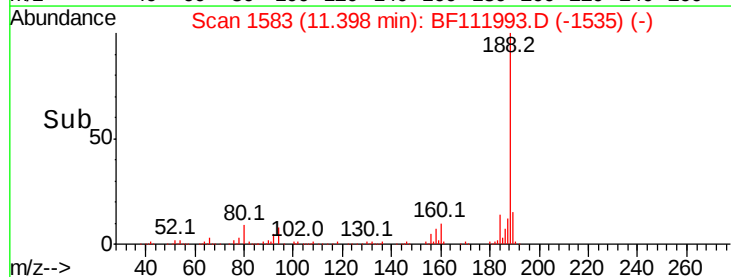
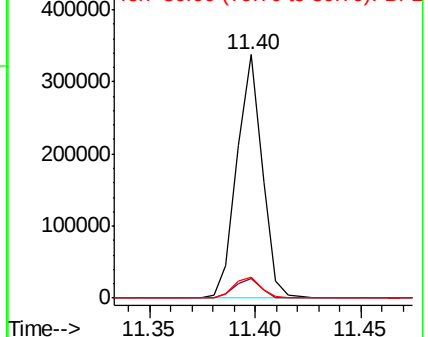
188 100

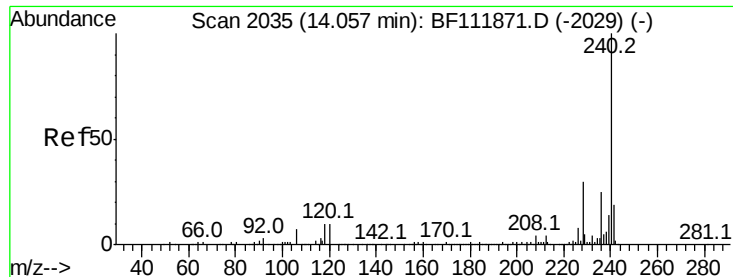
94 8.2 6.6 10.0

80 8.7 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

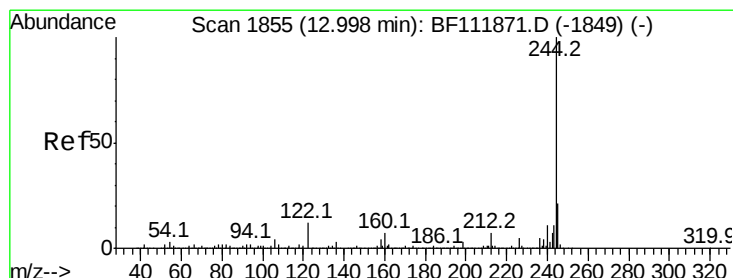
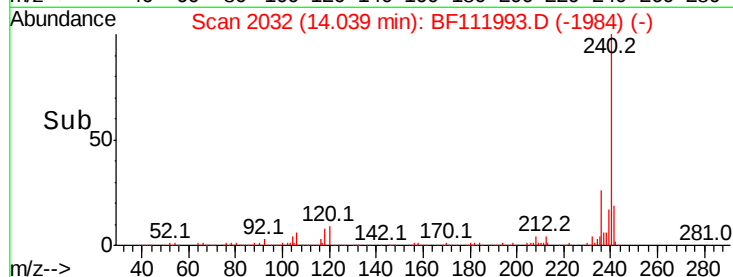
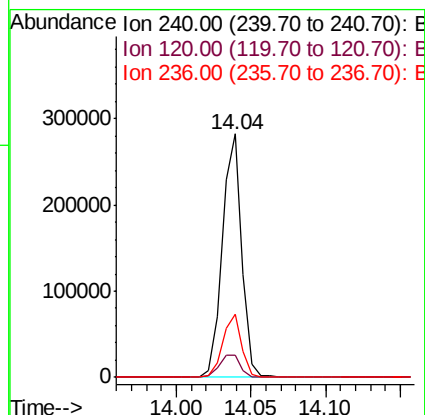
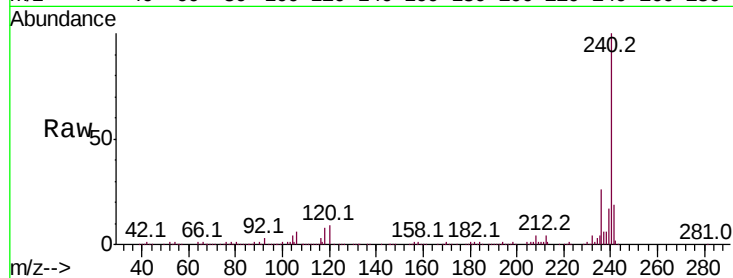




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.02 min
 Lab File: BF111993.D
 Acq: 10 Jan 2019 17:55

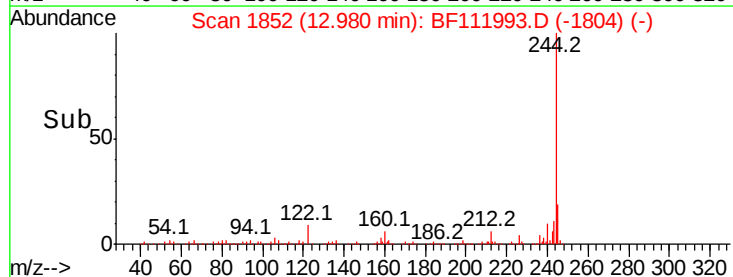
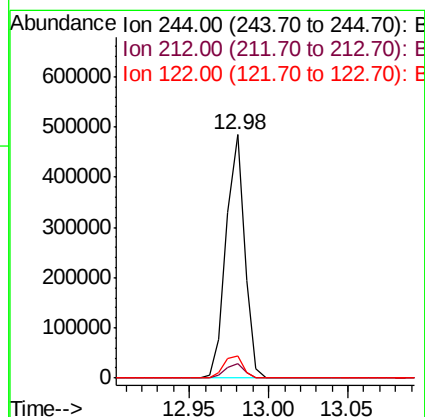
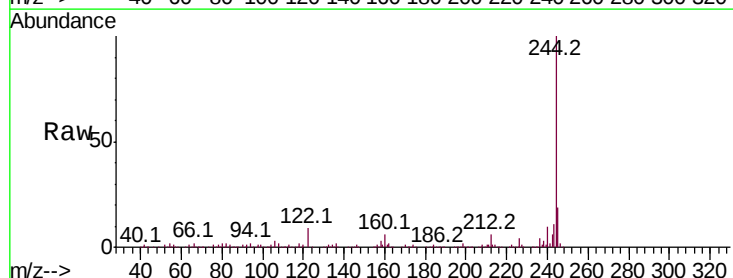
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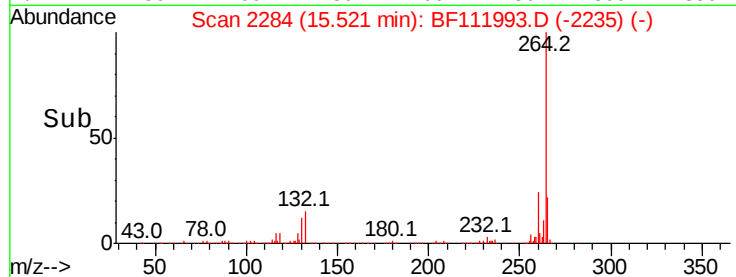
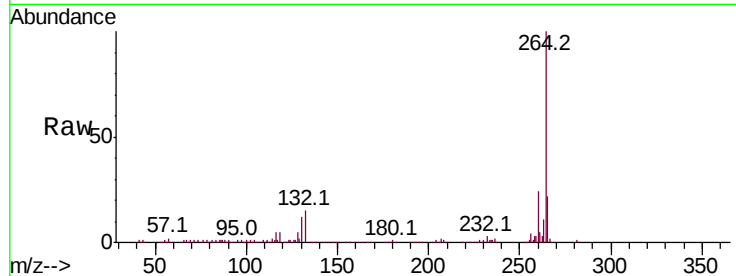
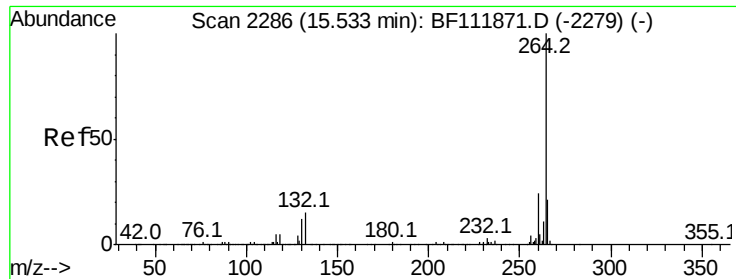
Tot Ion:240 Resp: 257093
 Ion Ratio Lower Upper
 240 100
 120 9.3 8.2 12.2
 236 25.8 20.2 30.4



#79
 Terphenyl-d14
 Concen: 29.029 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF111993.D
 Acq: 10 Jan 2019 17:55

Tgt Ion:244 Resp: 393161
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.8 8.8
 122 9.3 9.5 14.3#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF111993.D
Acq: 10 Jan 2019 17:55

Instrument :
BNA_F
ClientSampleId :
SOIL-DRUM-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.8	17.1	25.7

