

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
 Data File : BF112927.D
 Acq On : 7 Mar 2019 17:55
 Operator : JU/SJ
 Sample : K1780-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-B

Quant Time: Mar 08 00:59:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	178315	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	683393	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	337448	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	715853	20.00	ng	0.00
76) Chrysene-d12	13.86	240	688580	20.00	ng	-0.01
87) Perylene-d12	15.26	264	604960	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1104708	96.37	ng	0.00
7) Phenol-d6	6.37	99	1245505	86.50	ng	0.00
23) Nitrobenzene-d5	7.29	82	990624	86.74	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	537419	150.02	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1820415	91.11	ng	-0.01
79) Terphenyl-d14	12.82	244	2239324	63.04	ng	0.00

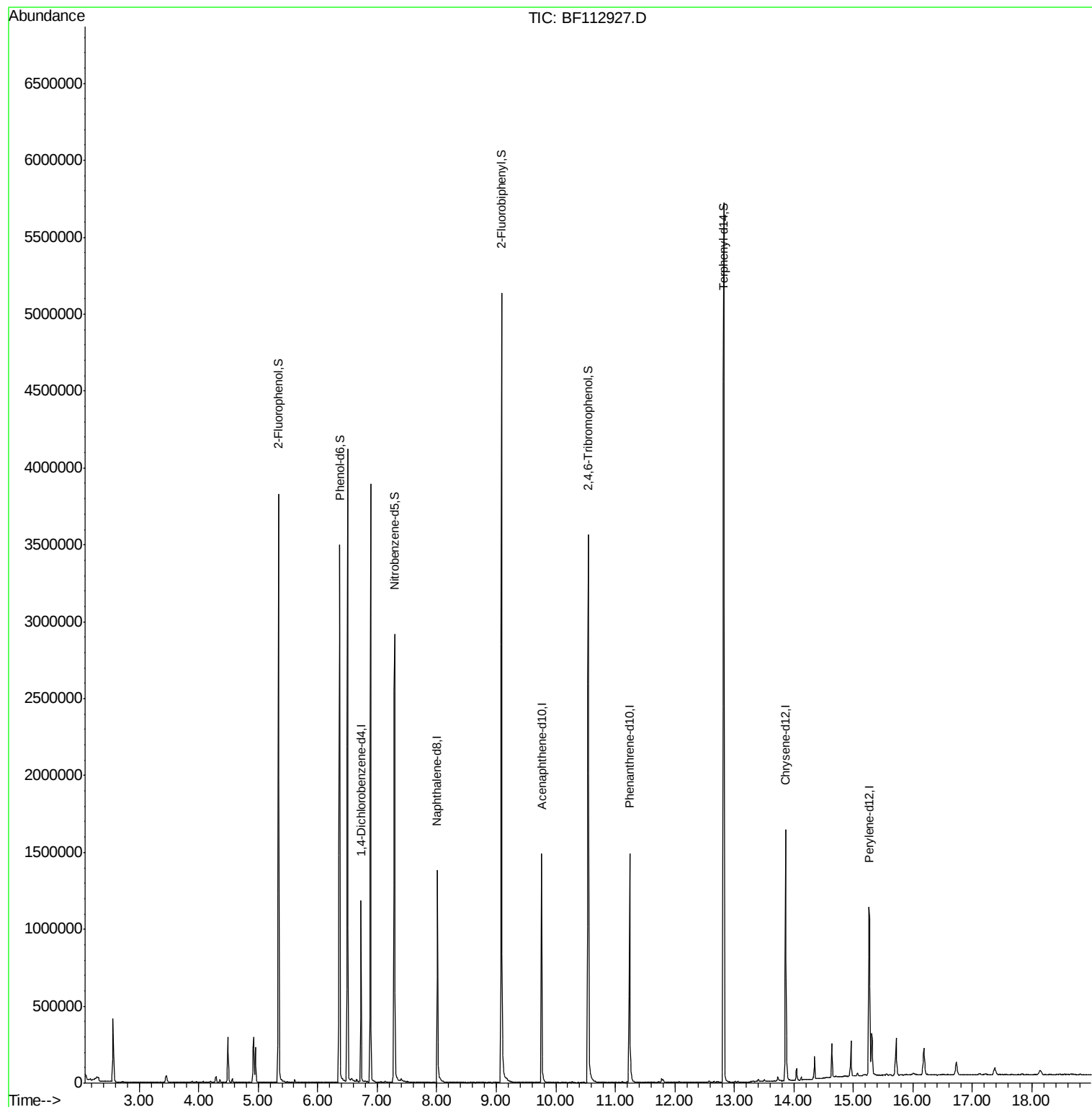
Target Compounds Qvalue

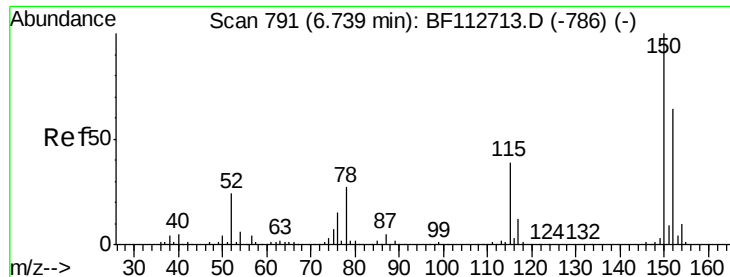
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
Data File : BF112927.D
Acq On : 7 Mar 2019 17:55
Operator : JU/SJ
Sample : K1780-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-B

Quant Time: Mar 08 00:59:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration



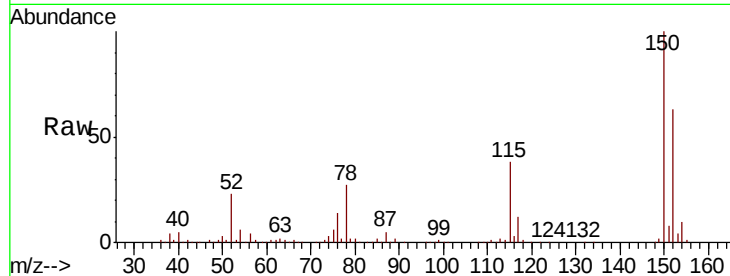


#1

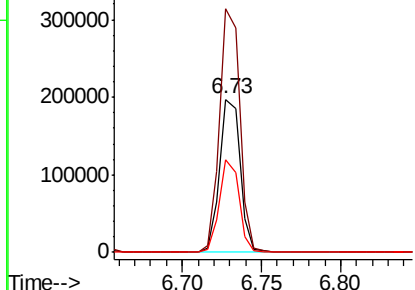
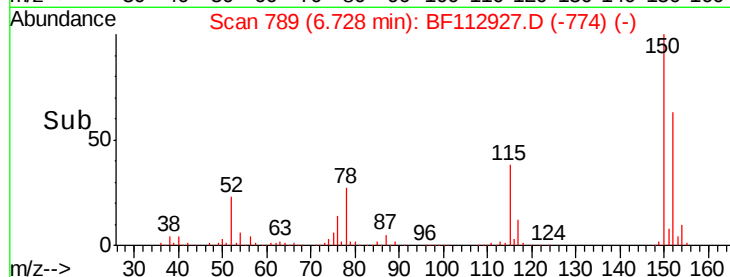
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112927.D
Acq: 7 Mar 2019 17:55

Instrument :
BNA_F
ClientSampleId :
SOIL-B

Tot Ion:152 Resp: 178315
Ion Ratio Lower Upper
152 100
150 158.8 124.2 186.2
115 60.6 48.2 72.4



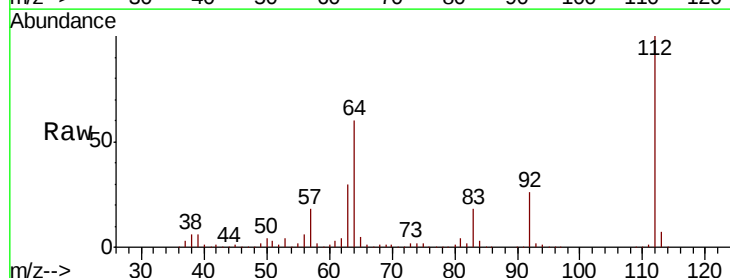
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



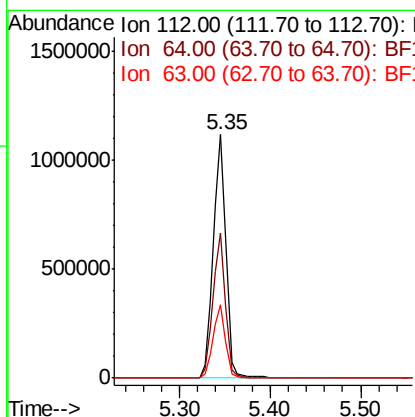
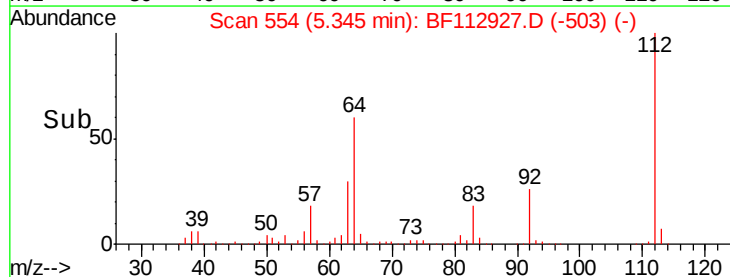
#5

2-Fluorophenol
Concen: 96.370 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF112927.D
Acq: 7 Mar 2019 17:55

Tgt Ion:112 Resp: 1104708
Ion Ratio Lower Upper
112 100
64 59.7 47.6 71.4
63 30.3 24.4 36.6



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: 86.495 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF112927.D

Acq: 7 Mar 2019 17:55

Instrument :

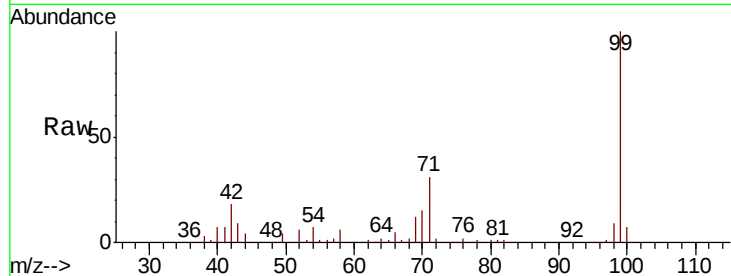
BNA_F

ClientSampleId :

SOIL-B

Tot Ion: 99 Resp: 1245505

Ion	Ratio	Lower	Upper
99	100		
42	17.9	16.3	24.5
71	31.1	26.2	39.4

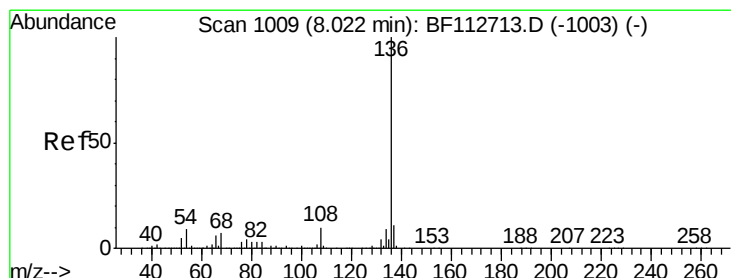
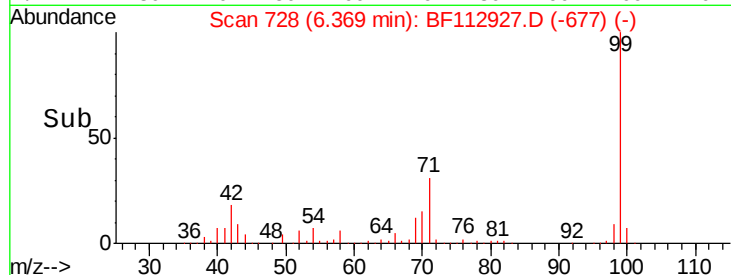


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

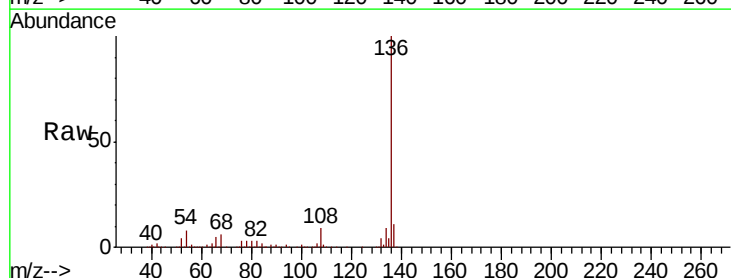
Delta R.T. -0.01 min

Lab File: BF112927.D

Acq: 7 Mar 2019 17:55

Tgt Ion: 136 Resp: 683393

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.0	7.3	10.9
68	6.1	5.4	8.2



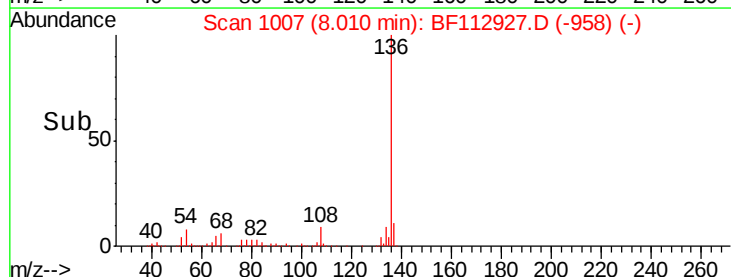
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->

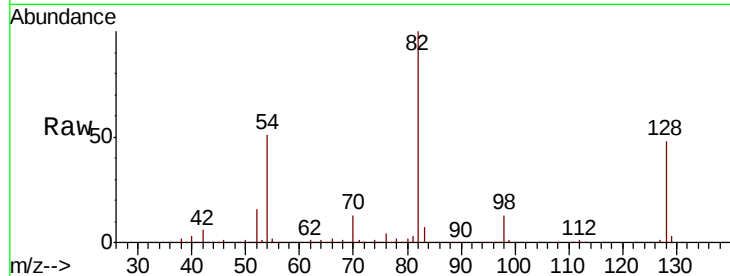




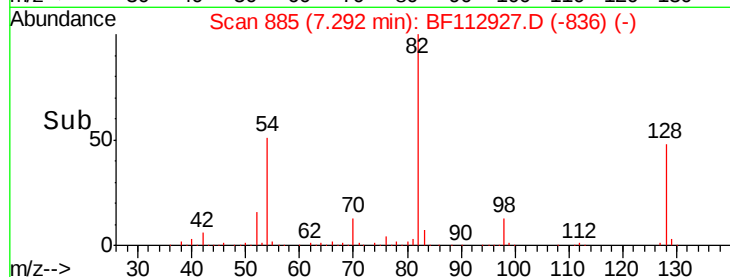
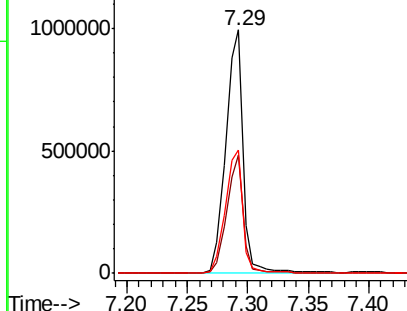
#23
Nitrobenzene-d5
Concen: 86.739 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112927.D
Acq: 7 Mar 2019 17:55

Instrument :
BNA_F
ClientSampleId :
SOIL-B

Tot Ion: 82 Resp: 990624
Ion Ratio Lower Upper
82 100
128 48.5 36.3 54.5
54 50.7 43.7 65.5

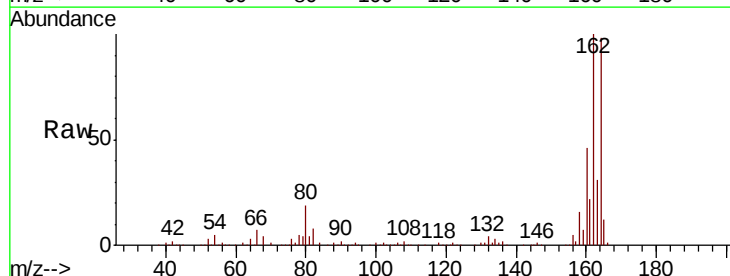


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

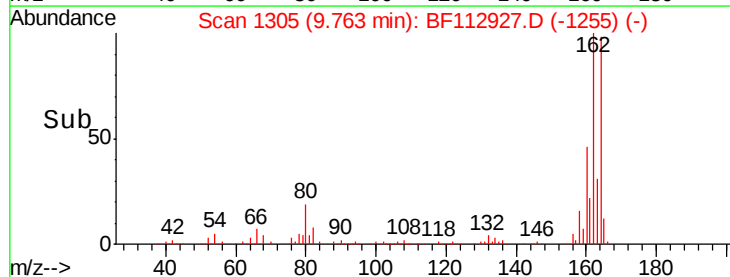
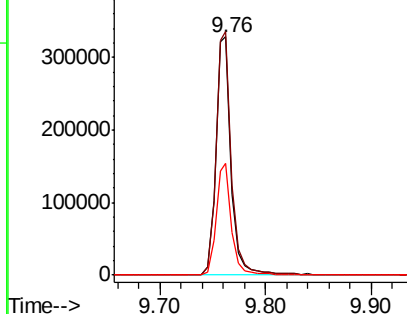


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112927.D
Acq: 7 Mar 2019 17:55

Tgt Ion:164 Resp: 337448
Ion Ratio Lower Upper
164 100
162 102.1 80.6 120.8
160 46.8 36.0 54.0



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

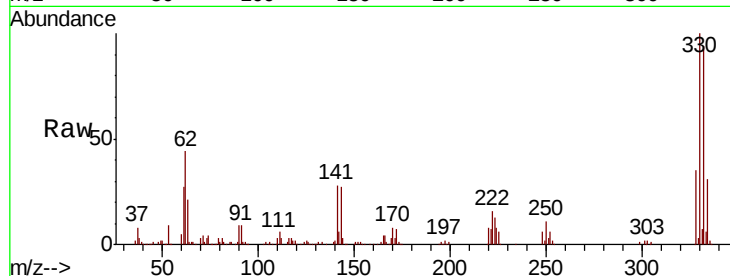




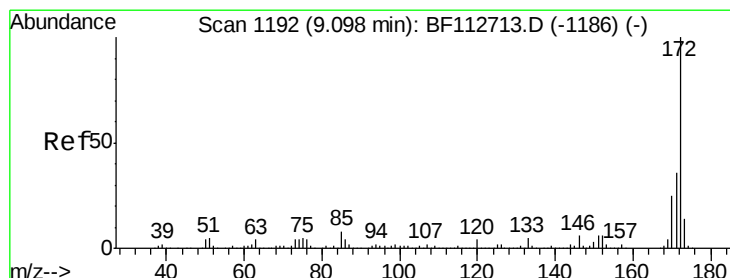
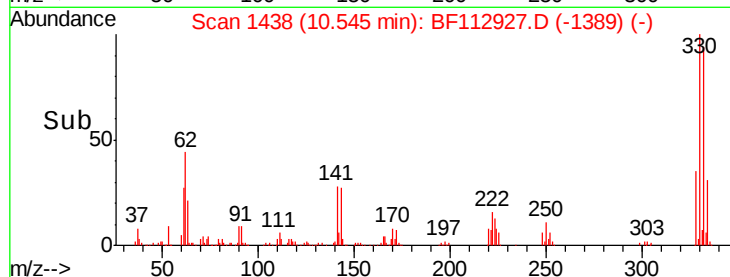
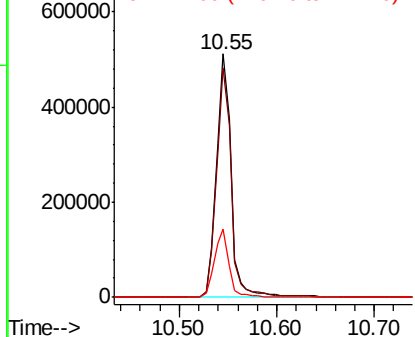
#42
 2,4,6-Tribromophenol
 Concen: 150.015 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112927.D
 Acq: 7 Mar 2019 17:55

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.2	114.4
141	28.0	27.0	40.6

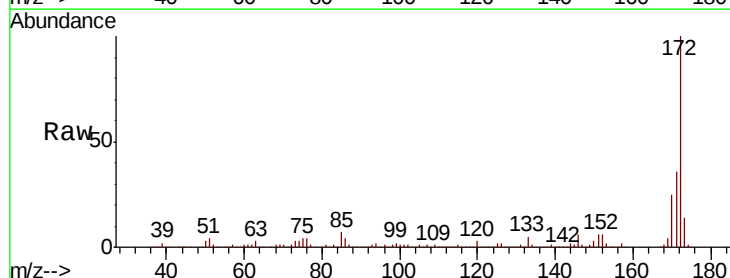


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

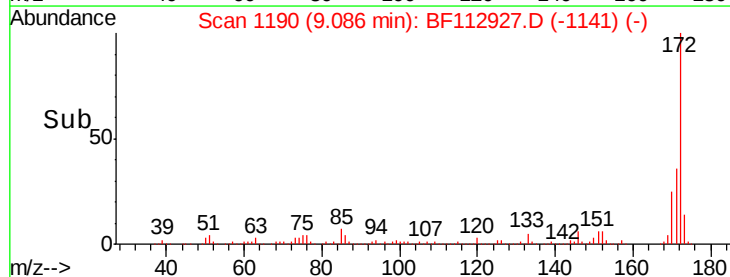
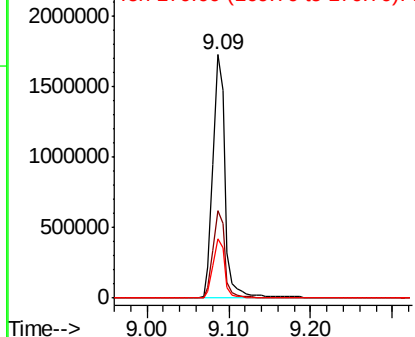


#45
 2-Fluorobiphenyl
 Concen: 91.108 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112927.D
 Acq: 7 Mar 2019 17:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.6	20.0	30.0



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF112927.D

Acq: 7 Mar 2019 17:55

Instrument :

BNA_F

ClientSampleId :

SOIL-B

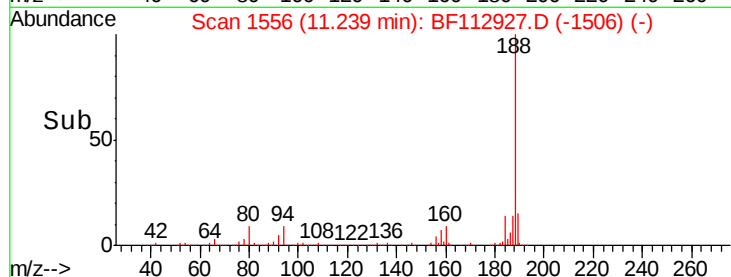
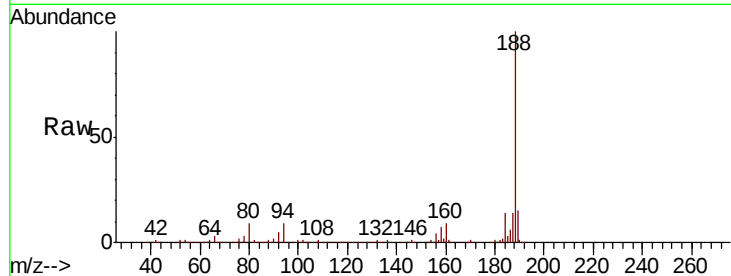
Tot Ion:188 Resp: 715853

Ion Ratio Lower Upper

188 100

94 9.5 9.0 13.4

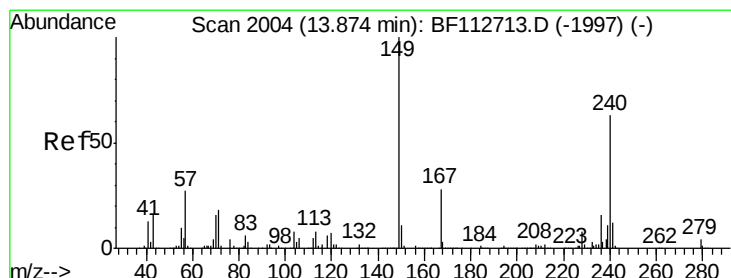
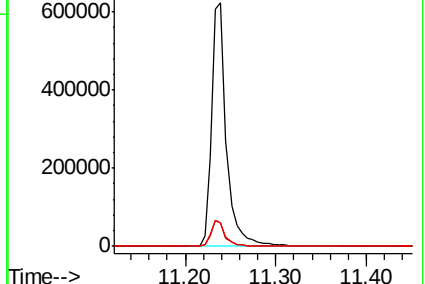
80 9.4 9.2 13.8



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: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF112927.D

Acq: 7 Mar 2019 17:55

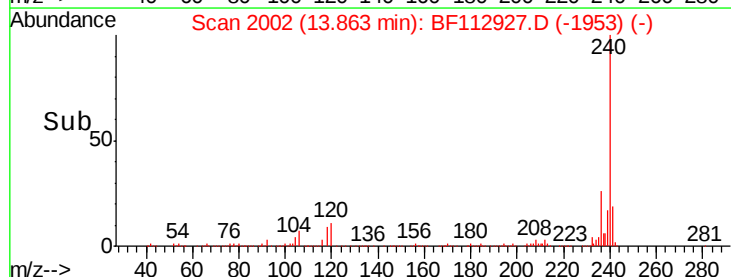
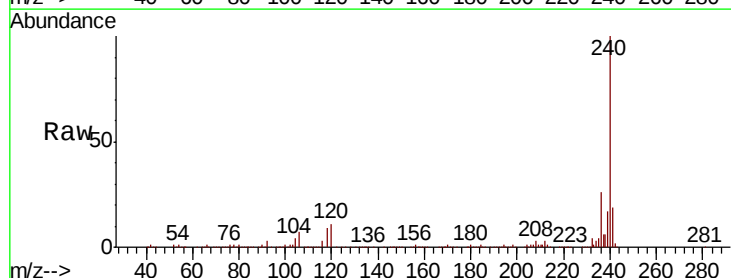
Tgt Ion:240 Resp: 688580

Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

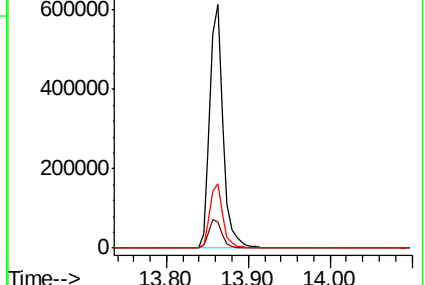
236 26.2 20.7 31.1

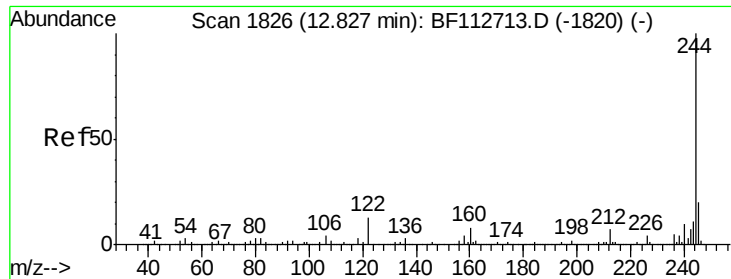


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 63.042 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112927.D

Acq: 7 Mar 2019 17:55

Instrument :

BNA_F

ClientSampleID :

SOIL-B

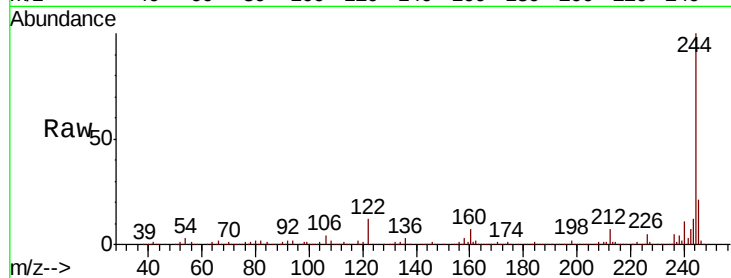
Tot Ion:244 Resp: 2239324

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

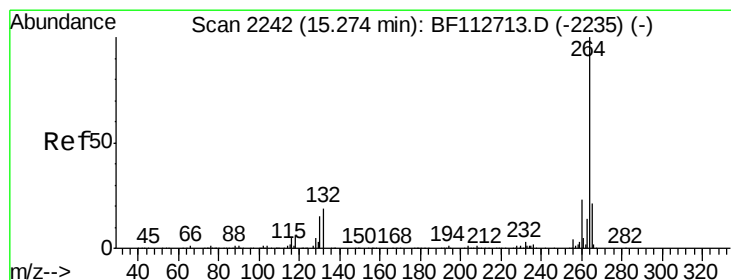
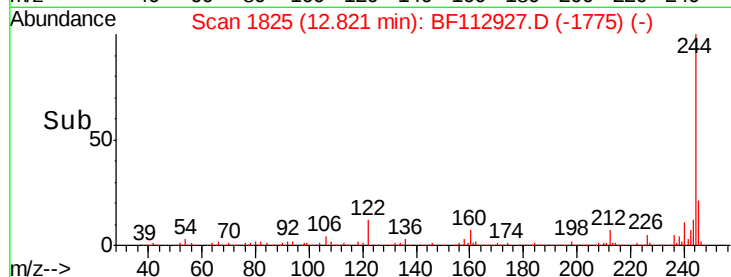
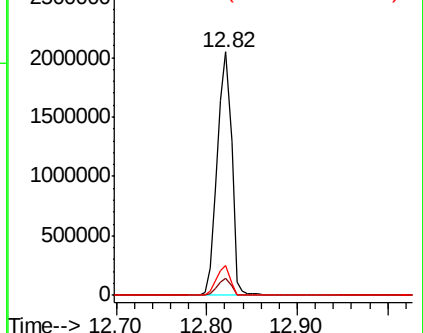
122 12.1 10.5 15.7



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: 15.26 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BF112927.D

Acq: 7 Mar 2019 17:55

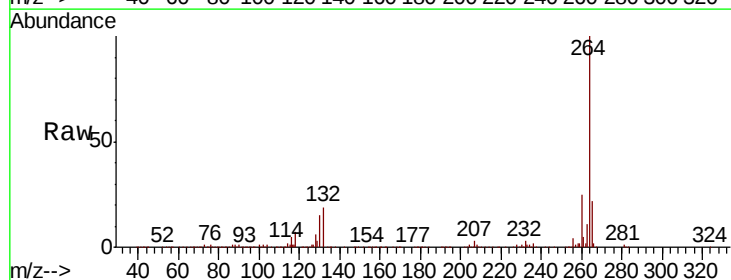
Tgt Ion:264 Resp: 604960

Ion Ratio Lower Upper

264 100

260 24.7 18.7 28.1

265 22.2 17.2 25.8



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

