

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113931.D
 Acq On : 23 Apr 2019 20:05
 Operator : JU/SJ
 Sample : K2526-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-ROLLOFFS

Quant Time: Apr 24 06:54:37 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

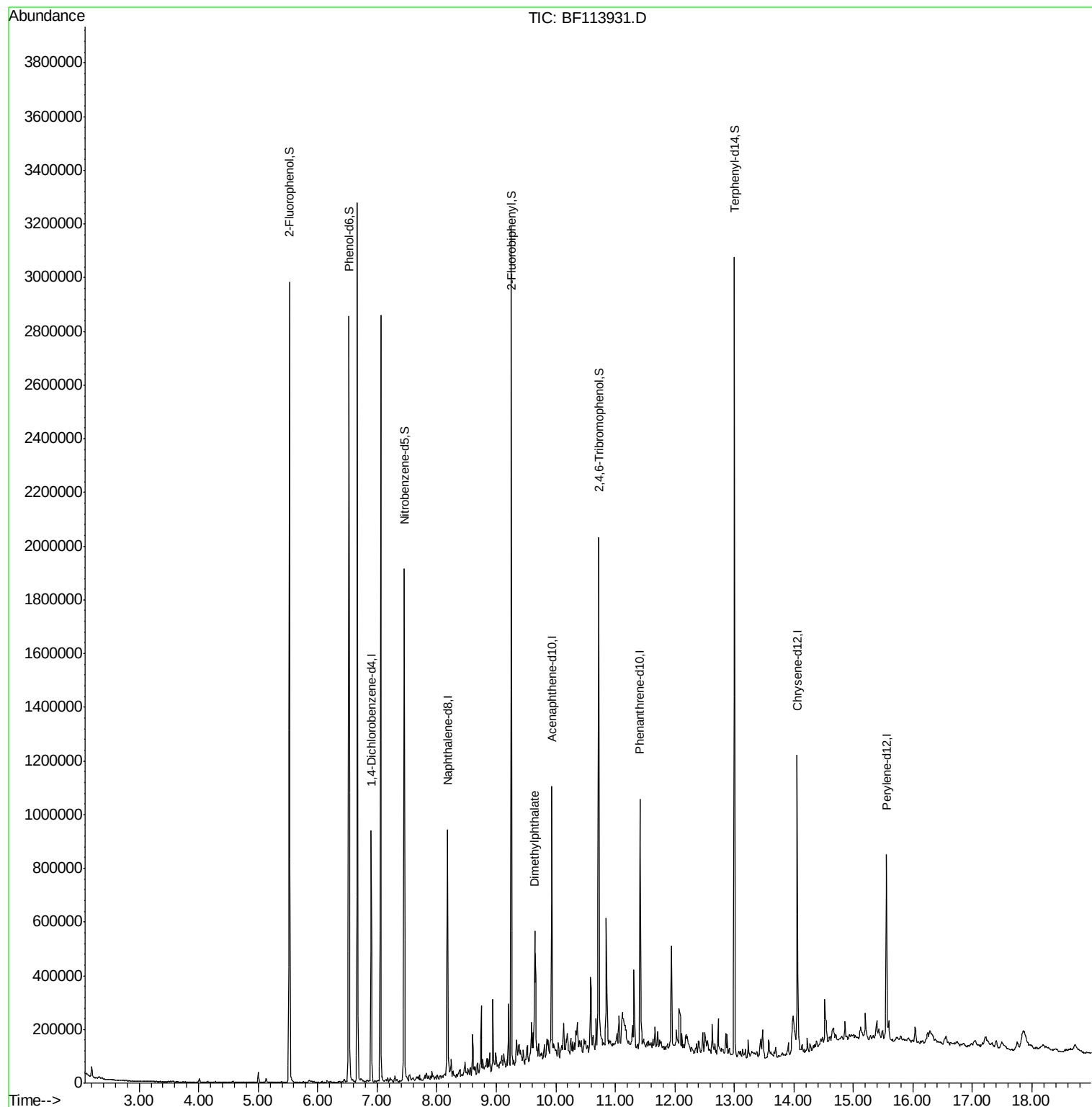
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	130314	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	433097	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	184503	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	328398	20.00	ng	0.00
76) Chrysene-d12	14.06	240	367822	20.00	ng	-0.01
87) Perylene-d12	15.56	264	324190	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	884401	116.08	ng	0.01
7) Phenol-d6	6.53	99	1106237	115.73	ng	0.00
23) Nitrobenzene-d5	7.46	82	649636	92.61	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	263224	117.11	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1043241	88.44	ng	0.00
79) Terphenyl-d14	13.00	244	1101095	61.37	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	190512	14.277	ng	Qvalue 99

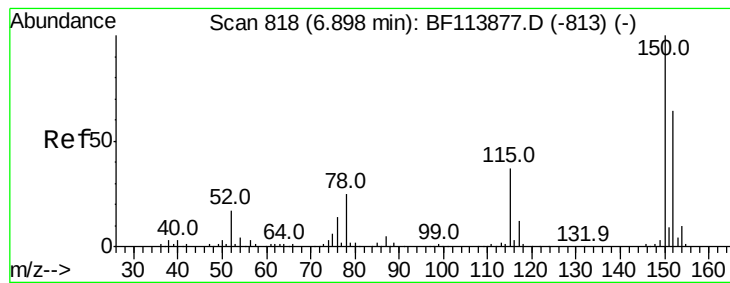
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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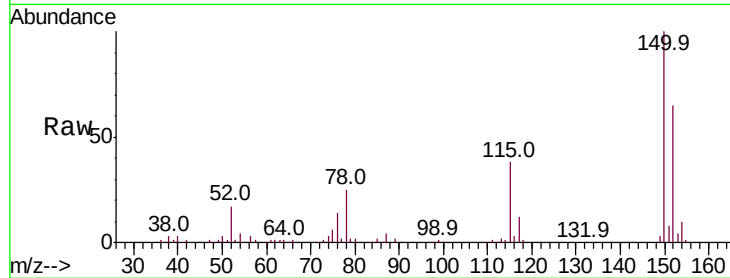


#1

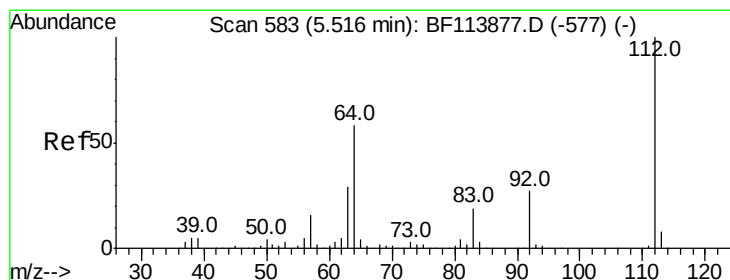
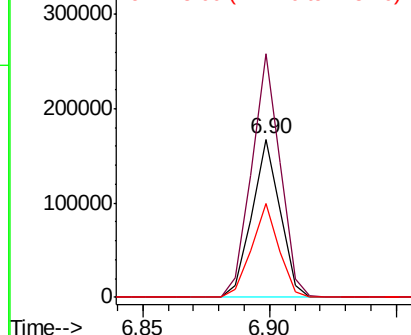
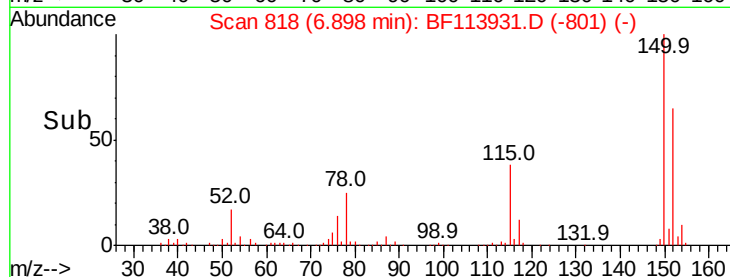
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF113931.D
 Acq: 23 Apr 2019 20:05

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-ROLLOFFS

Tot Ion:152 Resp: 130314
 Ion Ratio Lower Upper
 152 100
 150 154.2 125.9 188.9
 115 59.3 45.9 68.9



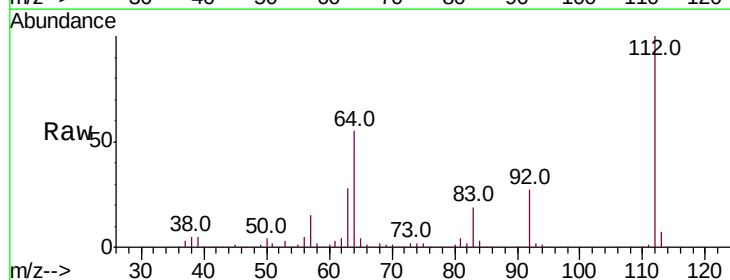
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



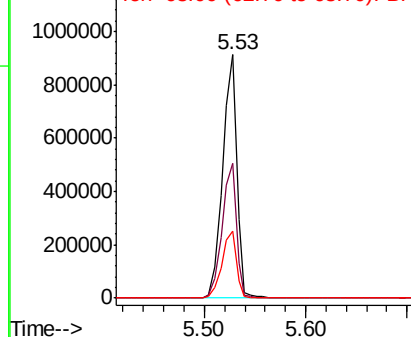
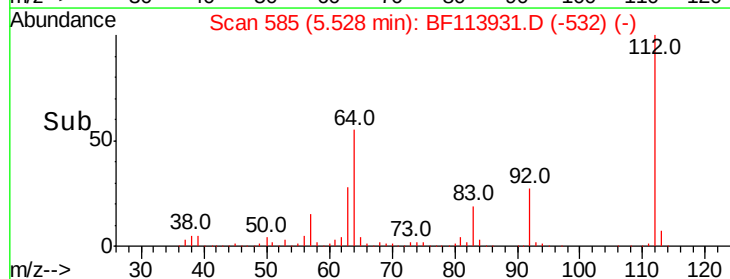
#5

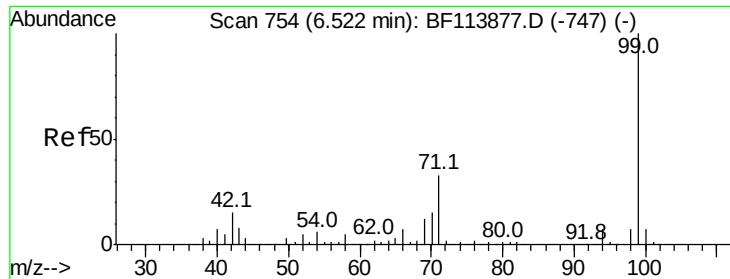
2-Fluorophenol
 Concen: 116.077 ng
 RT: 5.53 min Scan# 585
 Delta R.T. 0.01 min
 Lab File: BF113931.D
 Acq: 23 Apr 2019 20:05

Tgt Ion:112 Resp: 884401
 Ion Ratio Lower Upper
 112 100
 64 55.4 46.6 69.8
 63 27.5 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: 115.726 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113931.D

Acq: 23 Apr 2019 20:05

Instrument :

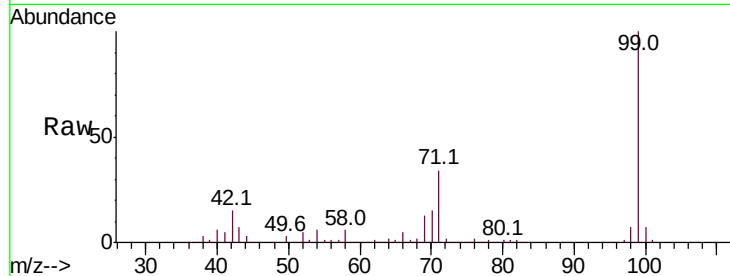
BNA_F

ClientSampleId :

SOIL-ROLLOFFS

Tot Ion: 99 Resp: 1106237

Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.5	18.7
71	34.2	26.9	40.3

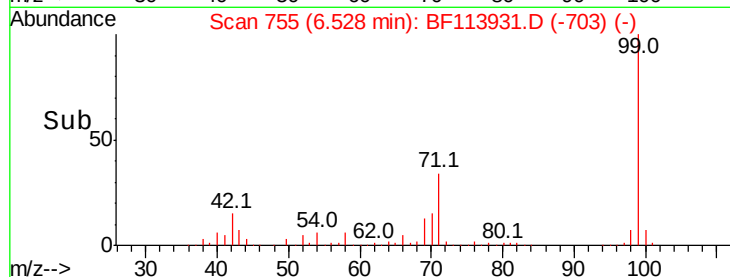


Abundance

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



6.53

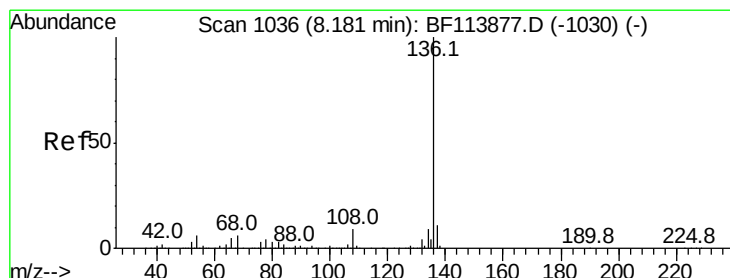
1000000

500000

0

Time-->

6.50 6.60



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

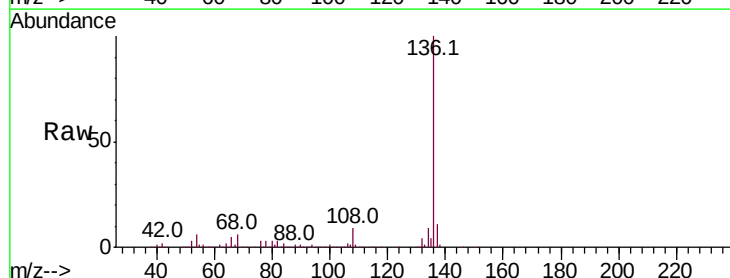
Delta R.T. 0.00 min

Lab File: BF113931.D

Acq: 23 Apr 2019 20:05

Tgt Ion: 136 Resp: 433097

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	5.9	5.0	7.6
68	5.9	4.9	7.3



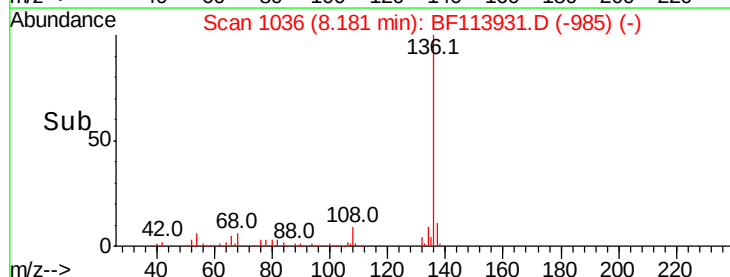
Abundance

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



600000

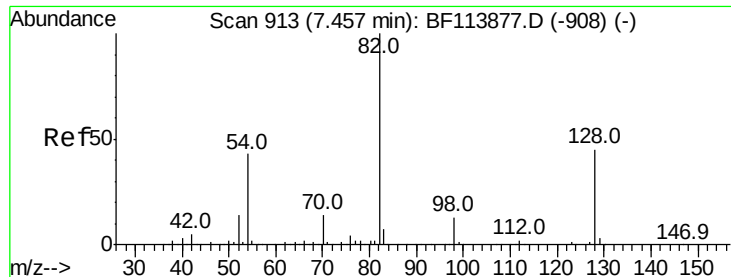
400000

200000

0

Time-->

8.10 8.20 8.30



#23

Nitrobenzene-d5

Concen: 92.615 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF113931.D

Acq: 23 Apr 2019 20:05

Instrument :

BNA_F

ClientSampleId :

SOIL-ROLLOFFS

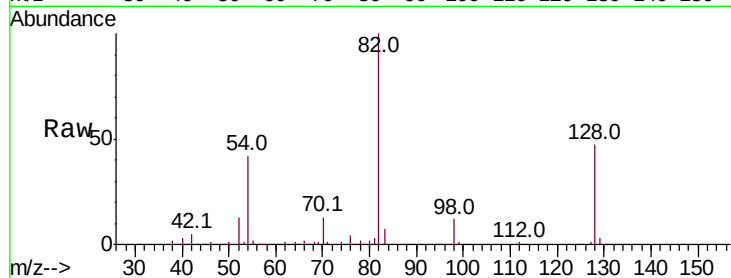
Tot Ion: 82 Resp: 649636

Ion Ratio Lower Upper

82 100

128 47.4 36.8 55.2

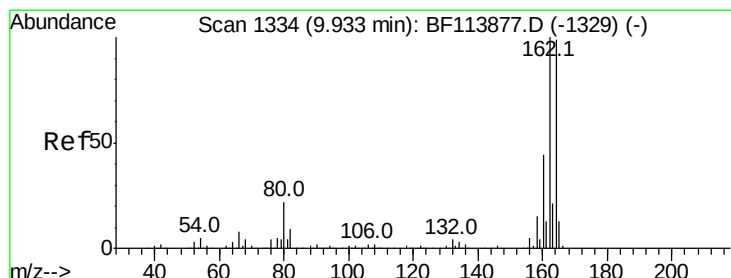
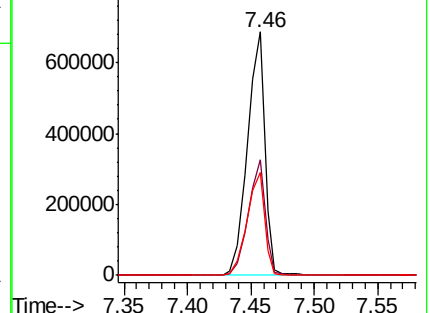
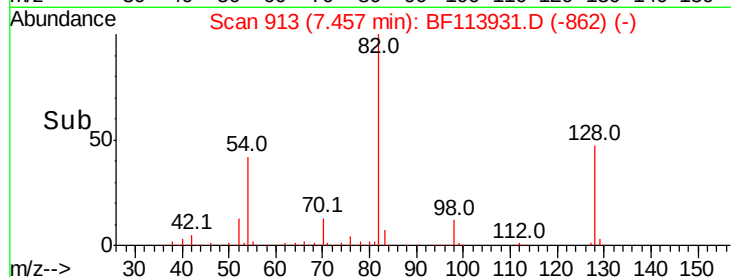
54 42.1 33.8 50.6



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: BF113931.D

Acq: 23 Apr 2019 20:05

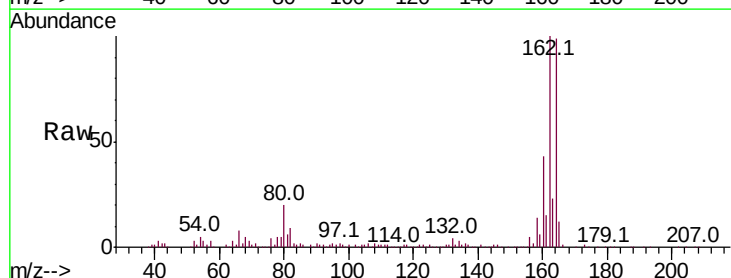
Tgt Ion:164 Resp: 184503

Ion Ratio Lower Upper

164 100

162 100.6 81.1 121.7

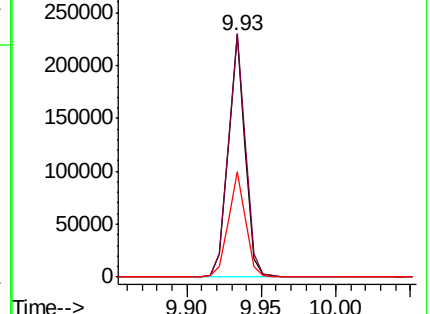
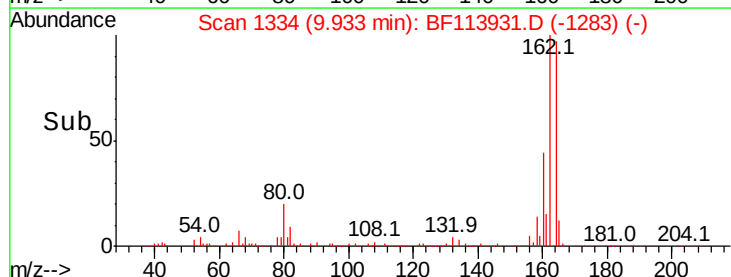
160 43.6 35.8 53.6

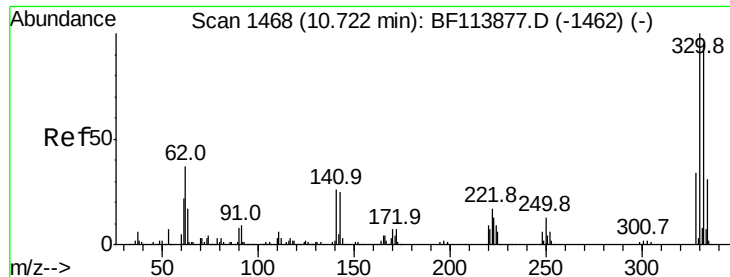


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

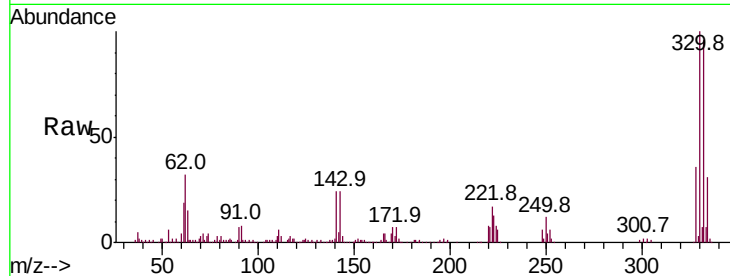




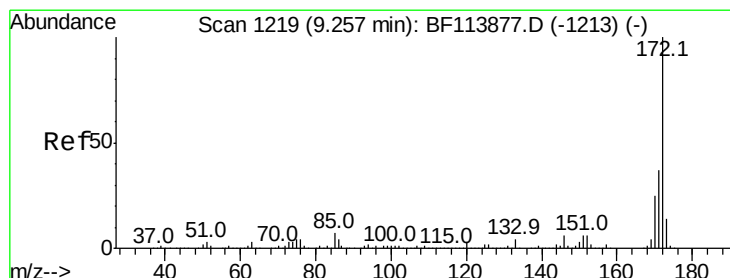
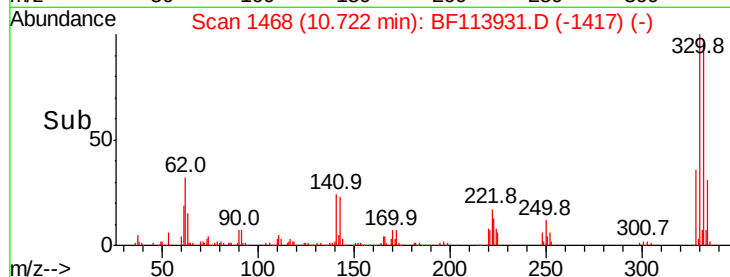
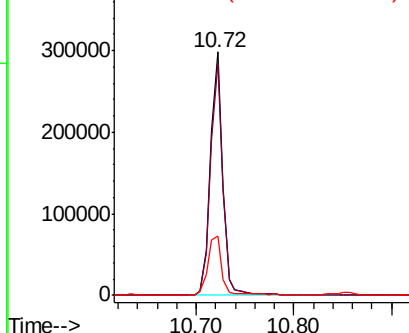
#42
 2,4,6-Tribromophenol
 Concen: 117.112 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF113931.D
 Acq: 23 Apr 2019 20:05

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-ROLLOFFS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.5	116.3
141	26.3	22.2	33.2

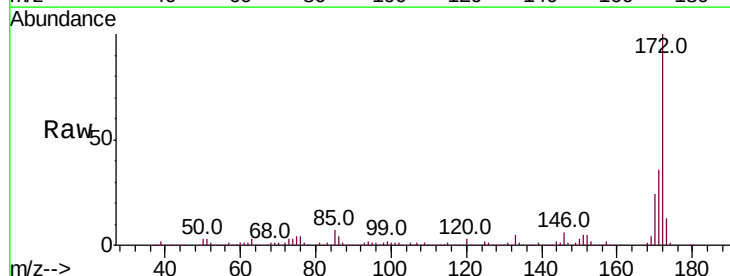


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

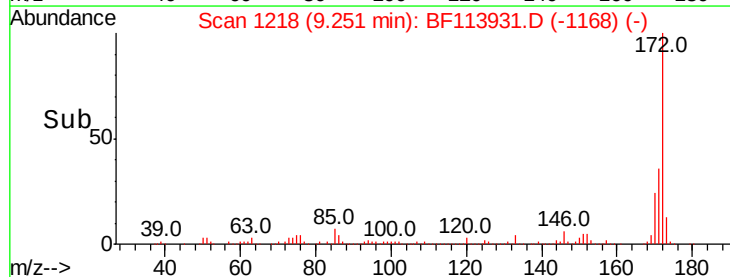
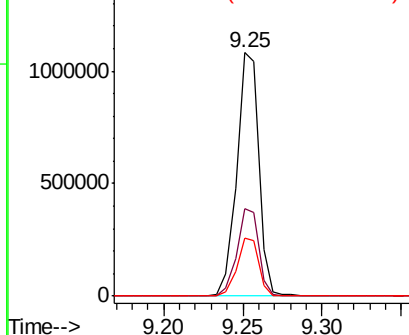


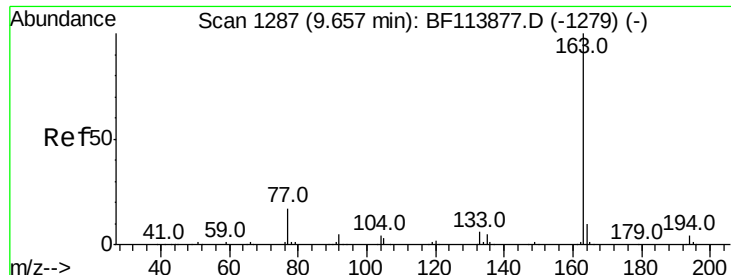
#45
 2-Fluorobiphenyl
 Concen: 88.435 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF113931.D
 Acq: 23 Apr 2019 20:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	23.9	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: 14.277 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF113931.D

Acq: 23 Apr 2019 20:05

Instrument :

BNA_F

ClientSampleId :

SOIL-ROLLOFFS

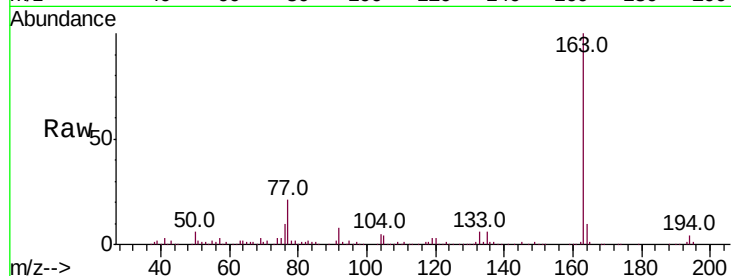
Tot Ion:163 Resp: 190512

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

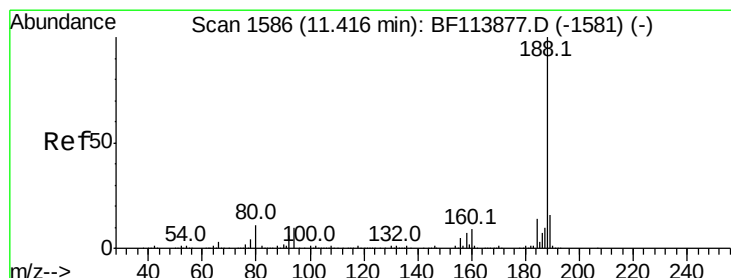
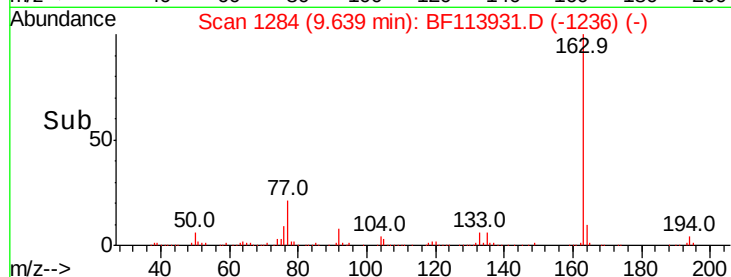
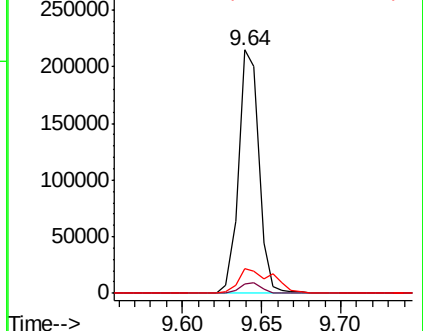
164 10.2 8.5 12.7



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: BF113931.D

Acq: 23 Apr 2019 20:05

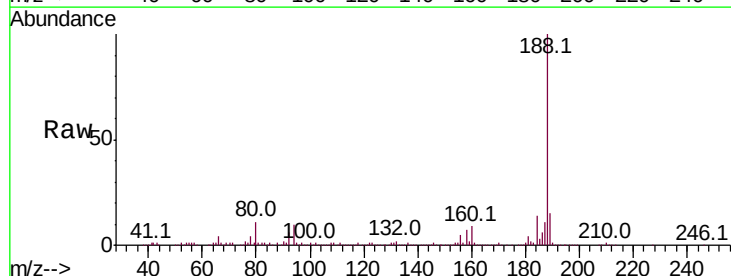
Tgt Ion:188 Resp: 328398

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.4

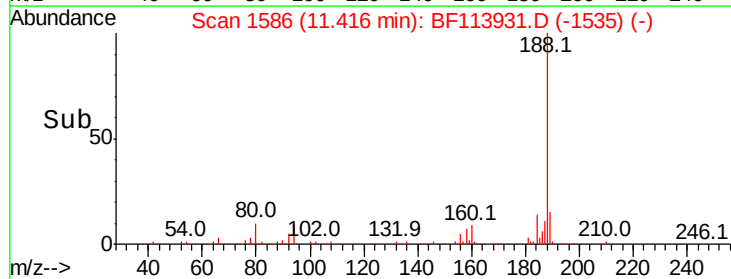
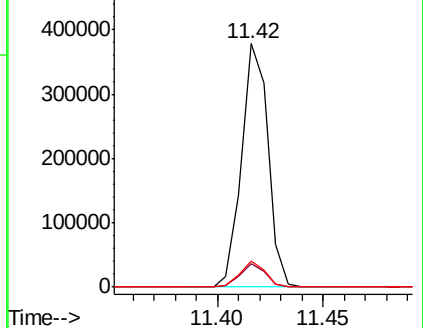
80 10.7 9.0 13.6

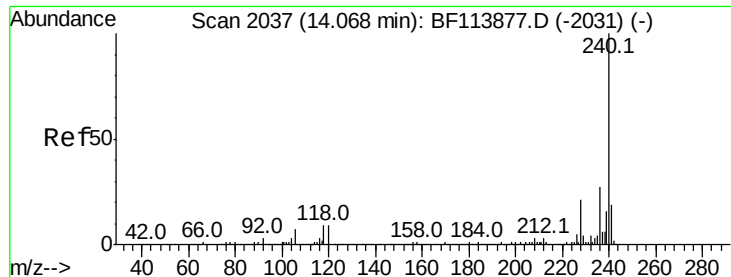


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

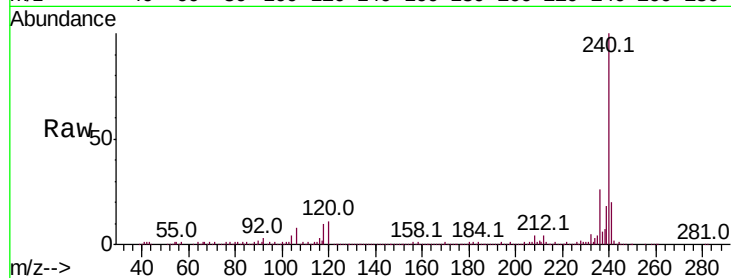




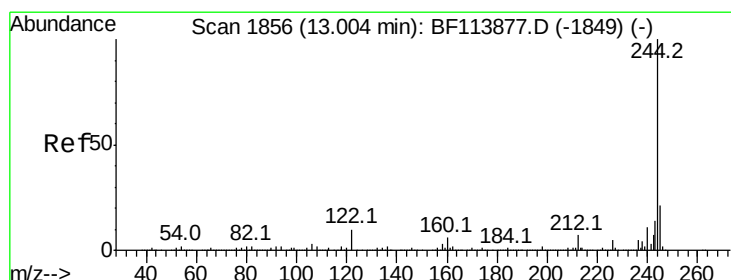
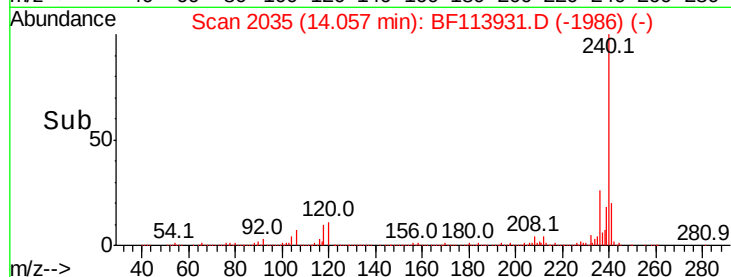
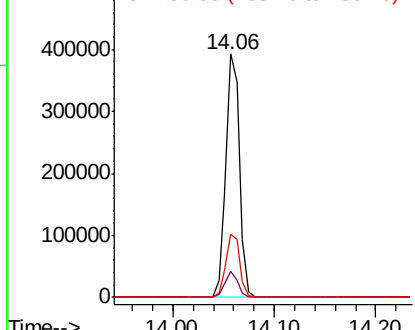
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF113931.D
Acq: 23 Apr 2019 20:05

Instrument :
BNA_F
ClientSampleId :
SOIL-ROLLOFFS

Tot Ion:240 Resp: 367822
Ion Ratio Lower Upper
240 100
120 10.7 9.3 13.9
236 25.7 21.2 31.8

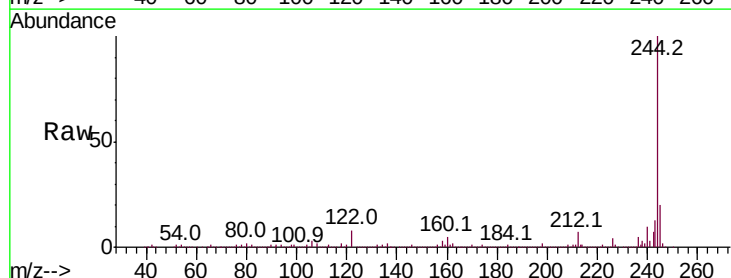


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

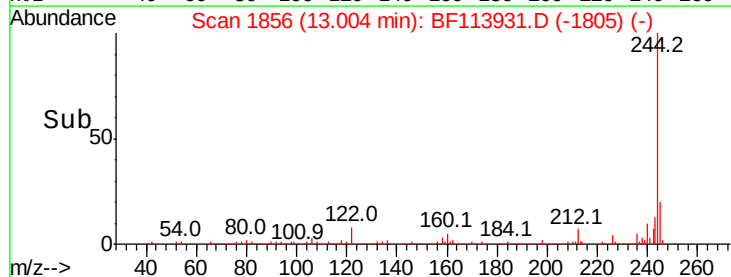
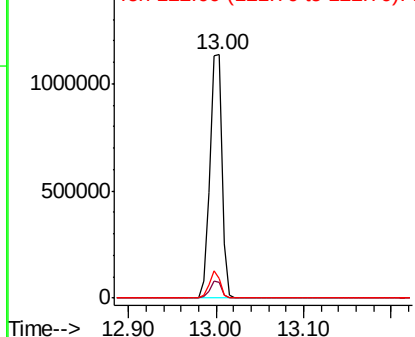


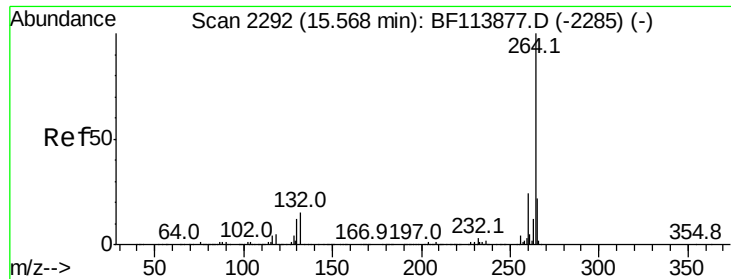
#79
Terphenyl-d14
Concen: 61.372 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BF113931.D
Acq: 23 Apr 2019 20:05

Tgt Ion:244 Resp: 1101095
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.2
122 8.3 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

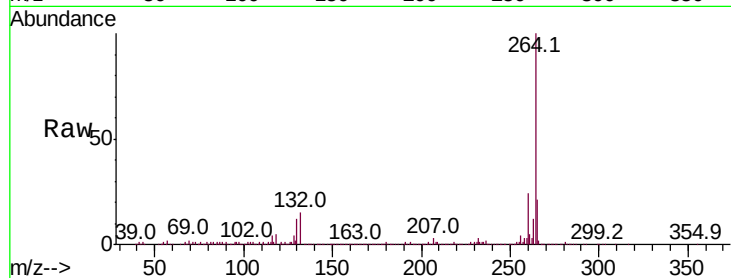




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: BF113931.D
 Acq: 23 Apr 2019 20:05

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-ROLLOFFS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.3	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

