

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
 Data File : BF091490.D
 Acq On : 8 Dec 2016 00:54
 Operator : UM/SJ
 Sample : H5882-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-CUTTINGS-SVP-18

Quant Time: Dec 08 01:27:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 08 00:35:13 2016
 Response via : Initial Calibration

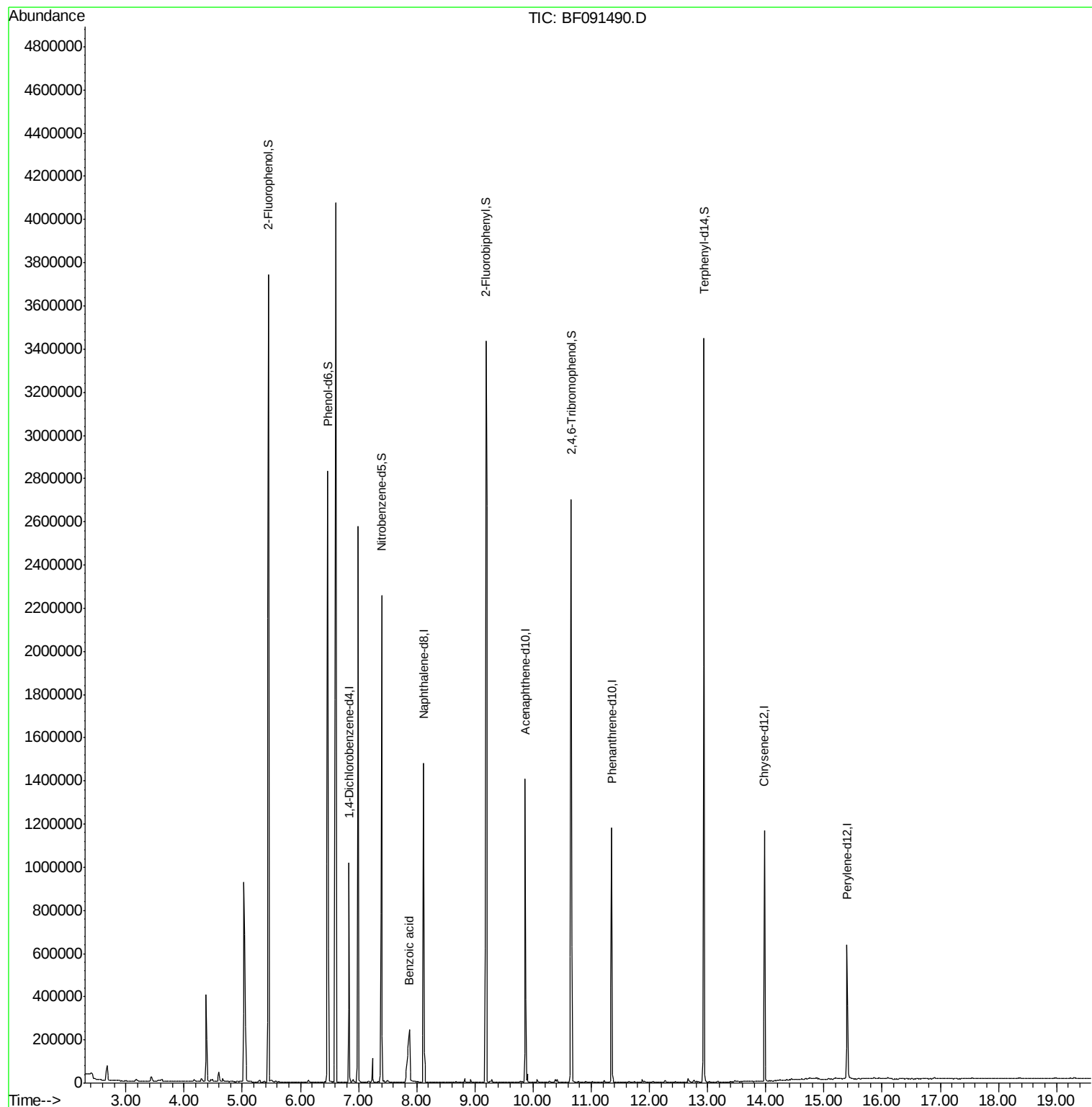
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	155570	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	592222	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	320899	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	482892	20.00	ng	0.00
75) Chrysene-d12	13.98	240	410219	20.00	ng	0.00
86) Perylene-d12	15.40	264	311537	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1071794	112.55	ng	0.02
7) Phenol-d6	6.47	99	1012887	86.40	ng	0.00
23) Nitrobenzene-d5	7.40	82	726172	68.72	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	350014	115.21	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1636895	92.36	ng	-0.01
78) Terphenyl-d14	12.94	244	1337022	70.84	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.88	122	124138	18.26	ng	96

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
Data File : BF091490.D
Acq On : 8 Dec 2016 00:54
Operator : UM/SJ
Sample : H5882-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS-SVP-18

Quant Time: Dec 08 01:27:53 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 08 00:35:13 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF091490.D

Acq: 8 Dec 2016 00:54

Instrument :

BNA_F

ClientSampleId :

SOIL-CUTTINGS-SVP-18

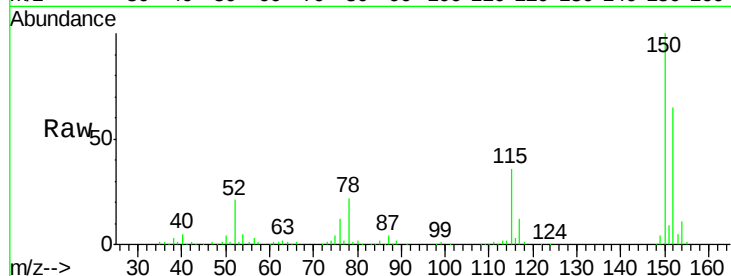
Tot Ion:152 Resp: 155570

Ion Ratio Lower Upper

152 100

150 153.8 122.5 183.7

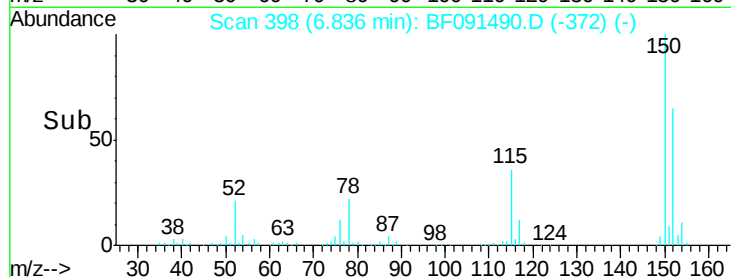
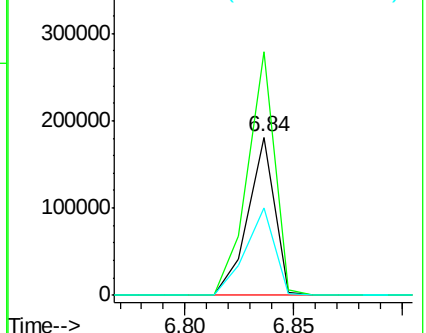
115 55.5 51.8 77.8



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: 112.55 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.02 min

Lab File: BF091490.D

Acq: 8 Dec 2016 00:54

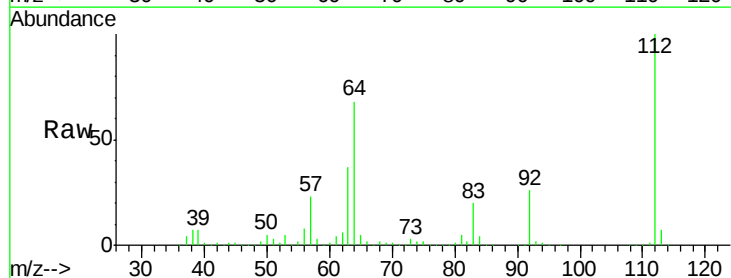
Tgt Ion:112 Resp: 1071794

Ion Ratio Lower Upper

112 100

64 68.4 61.5 92.3

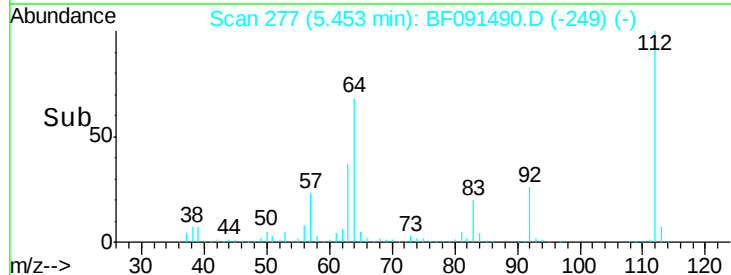
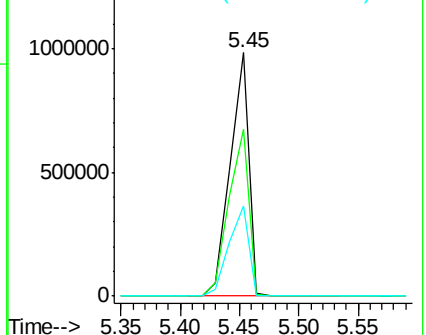
63 36.8 33.3 49.9

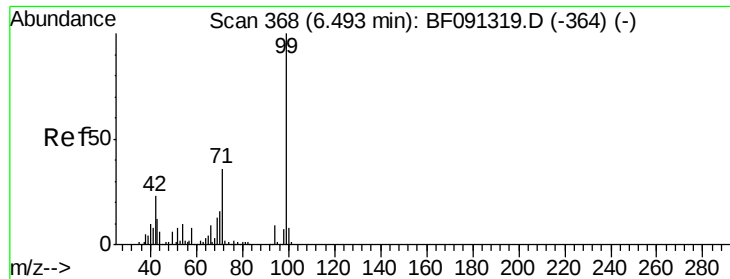


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 86.40 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF091490.D

Acq: 8 Dec 2016 00:54

Instrument :

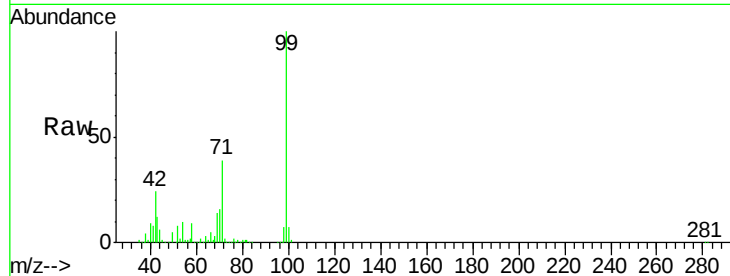
BNA_F

ClientSampleId :

SOIL-CUTTINGS-SVP-18

Tot Ion: 99 Resp: 1012887

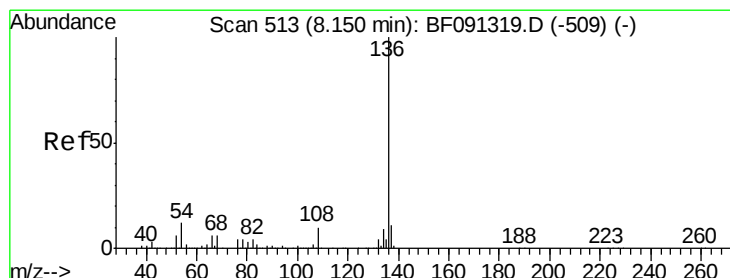
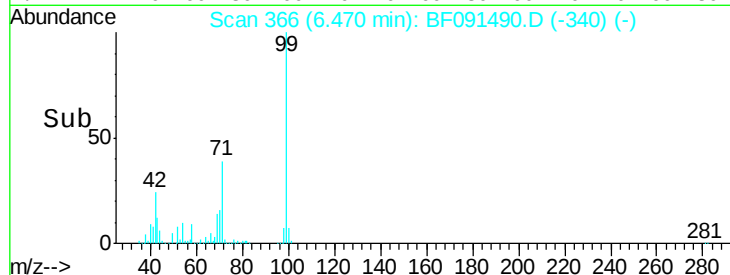
Ion	Ratio	Lower	Upper
99	100		
42	24.1	20.6	31.0
71	38.5	29.9	44.9



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 510

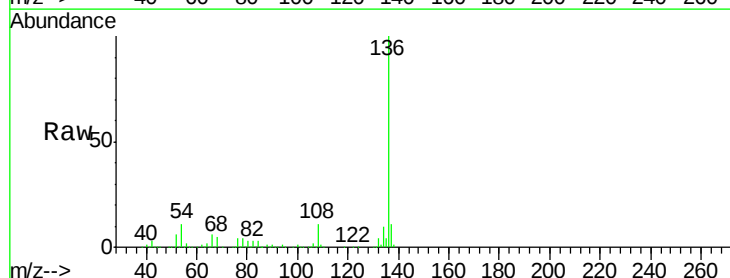
Delta R.T. 0.00 min

Lab File: BF091490.D

Acq: 8 Dec 2016 00:54

Tgt Ion: 136 Resp: 592222

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	11.3	9.1	13.7
68	5.2	5.9	8.9#

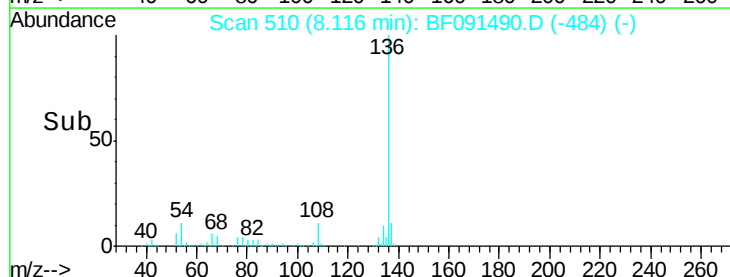


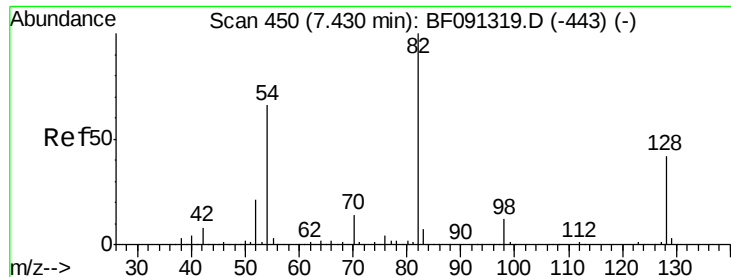
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

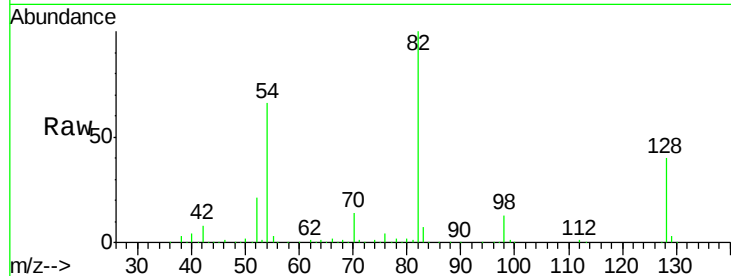




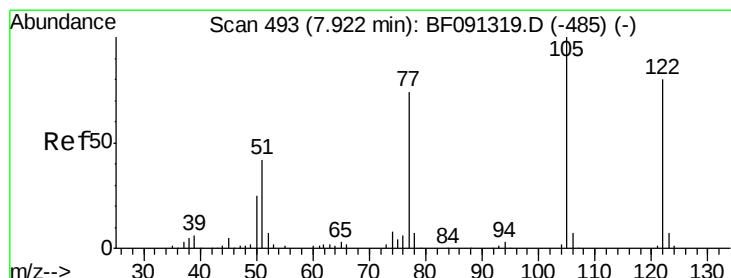
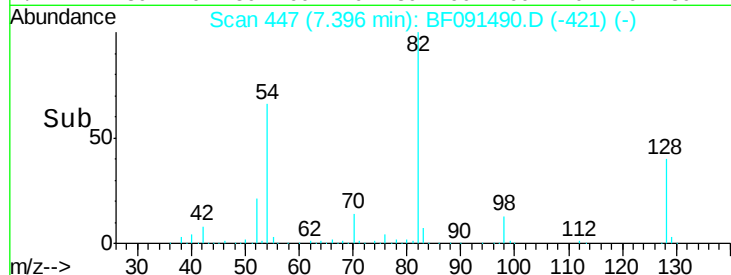
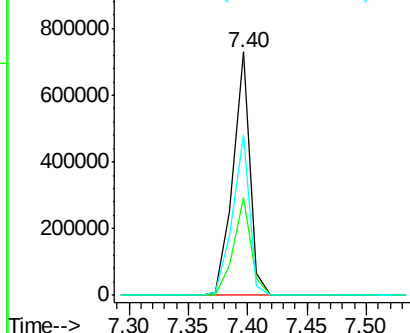
#23
Nitrobenzene-d5
Concen: 68.72 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF091490.D
Acq: 8 Dec 2016 00:54

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS-SVP-18

Tot Ion: 82 Resp: 726172
Ion Ratio Lower Upper
82 100
128 40.2 31.8 47.6
54 65.8 49.1 73.7

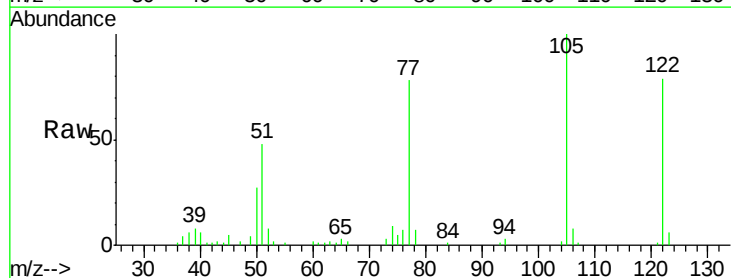


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

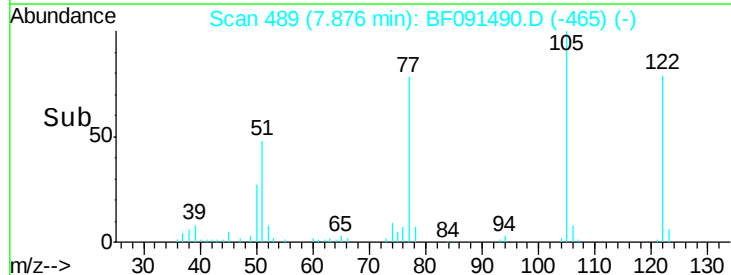
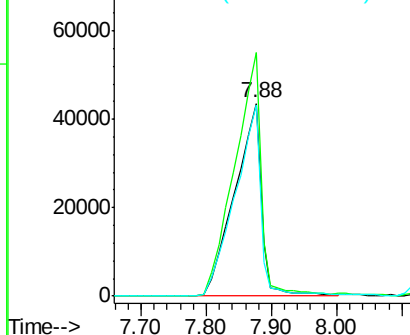


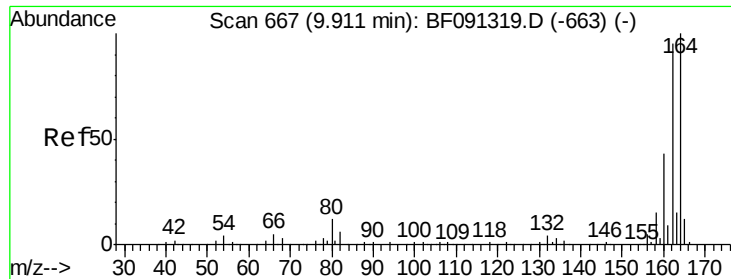
#32
Benzoic acid
Concen: 18.26 ng
RT: 7.88 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF091490.D
Acq: 8 Dec 2016 00:54

Tgt Ion: 122 Resp: 124138
Ion Ratio Lower Upper
122 100
105 126.3 113.0 153.0
77 99.1 82.0 122.0



Abundance Ion 122.00 (121.70 to 122.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF091490.D

Acq: 8 Dec 2016 00:54

Instrument :

BNA_F

ClientSampleId :

SOIL-CUTTINGS-SVP-18

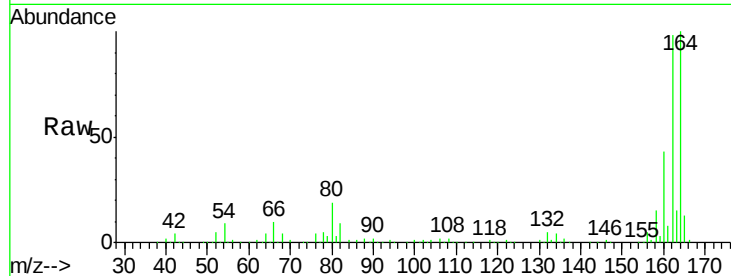
Tot Ion:164 Resp: 320899

Ion Ratio Lower Upper

164 100

162 97.7 82.6 124.0

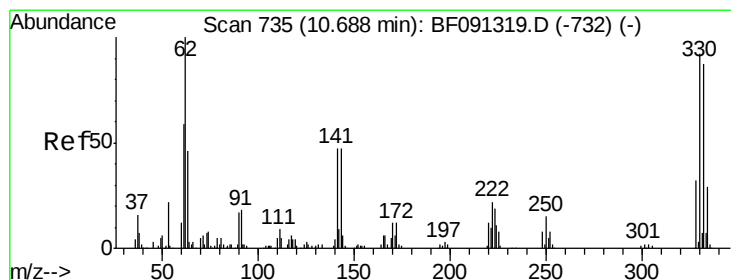
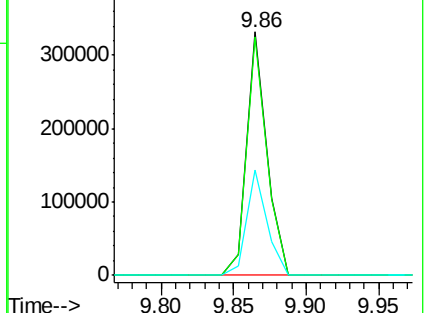
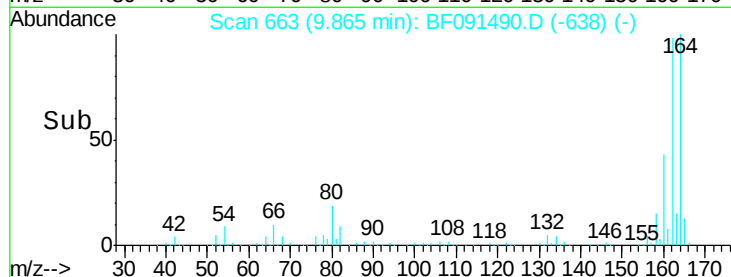
160 43.3 36.7 55.1



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



#41

2,4,6-Tribromophenol

Concen: 115.21 ng

RT: 10.65 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF091490.D

Acq: 8 Dec 2016 00:54

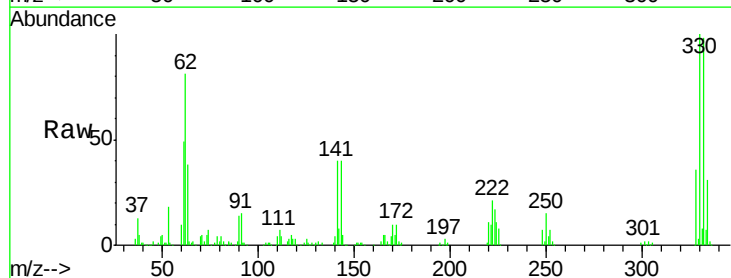
Tgt Ion:330 Resp: 350014

Ion Ratio Lower Upper

330 100

332 97.9 76.2 114.4

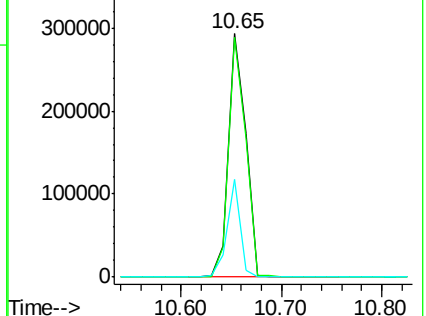
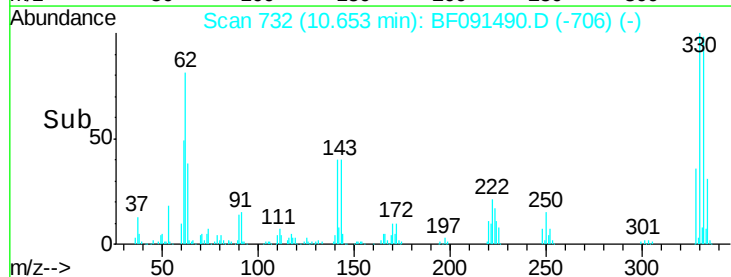
141 30.5 33.6 50.4#

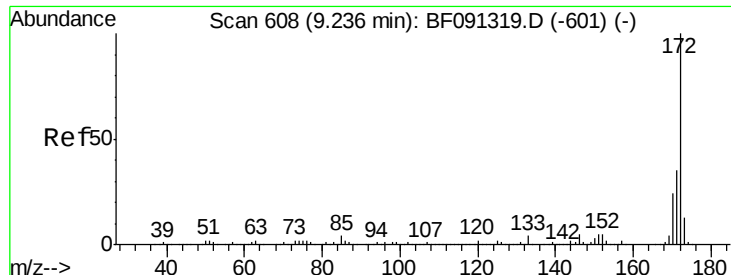


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



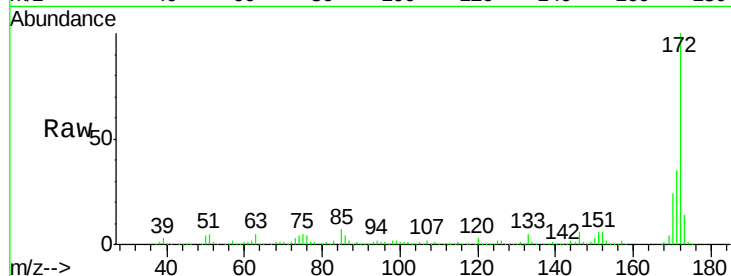


#44
 2-Fluorobiphenyl
 Concen: 92.36 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF091490.D
 Acq: 8 Dec 2016 00:54

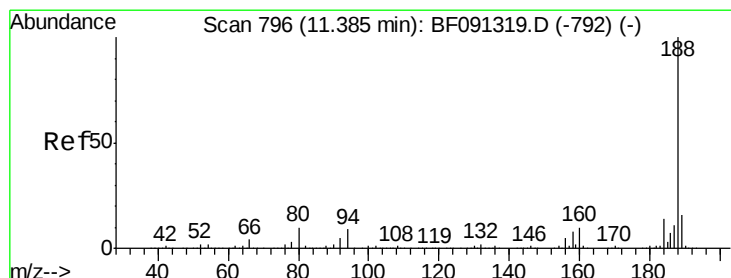
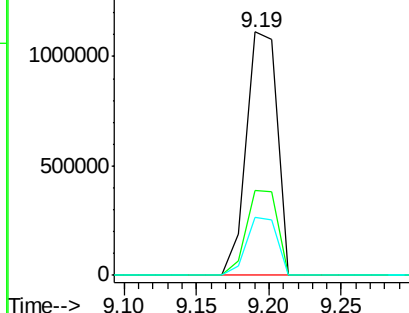
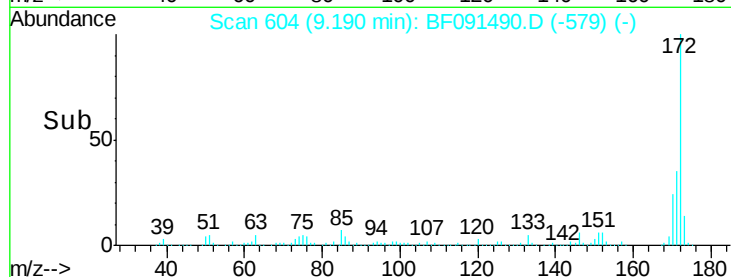
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-CUTTINGS-SVP-18

Tot Ion:172 Resp: 1636895

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.4	44.0
170	23.9	19.7	29.5



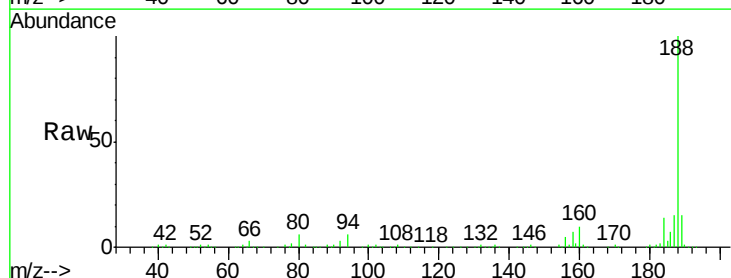
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



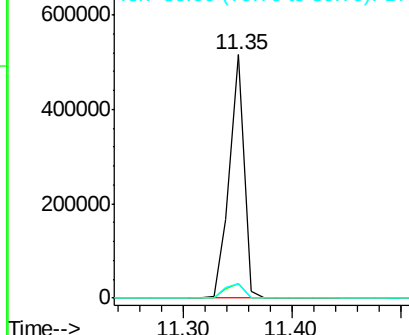
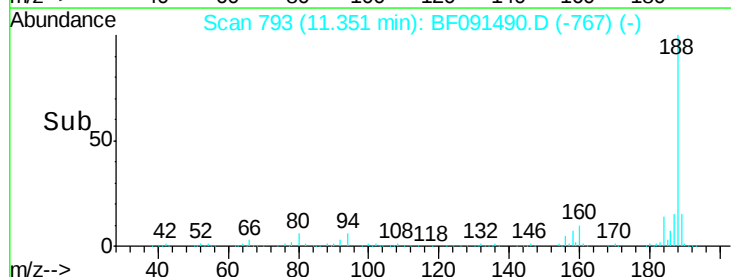
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF091490.D
 Acq: 8 Dec 2016 00:54

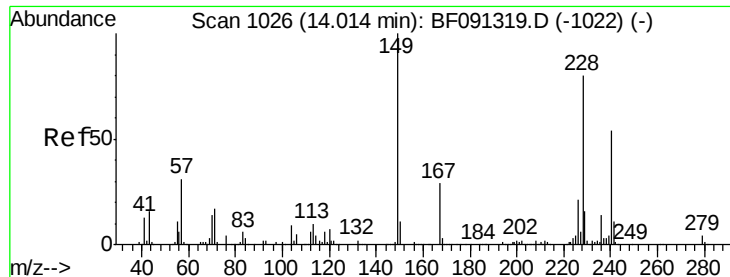
Tgt Ion:188 Resp: 482892

Ion	Ratio	Lower	Upper
188	100		
94	6.0	9.2	13.8#
80	6.0	10.5	15.7#



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF091490.D

Acq: 8 Dec 2016 00:54

Instrument :

BNA_F

ClientSampleId :

SOIL-CUTTINGS-SVP-18

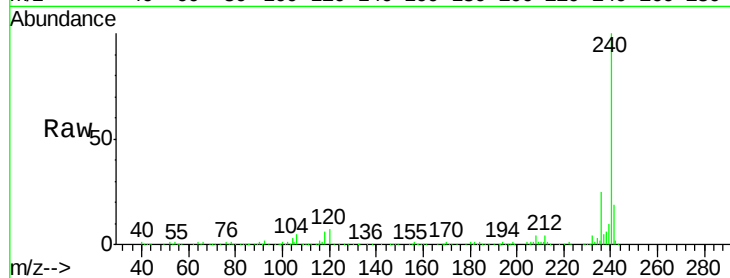
Tot Ion:240 Resp: 410219

Ion Ratio Lower Upper

240 100

120 7.3 12.1 18.1#

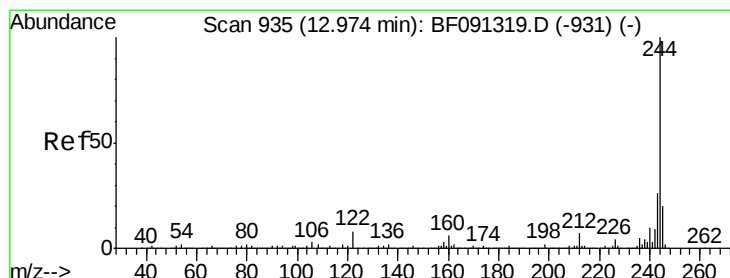
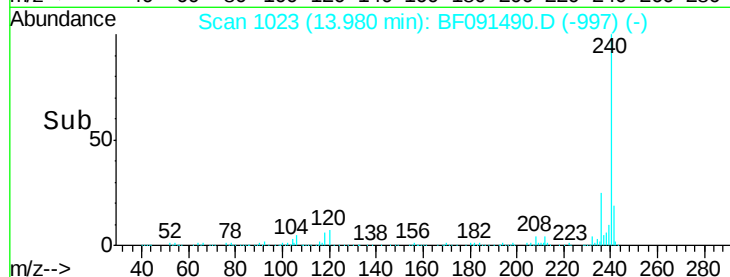
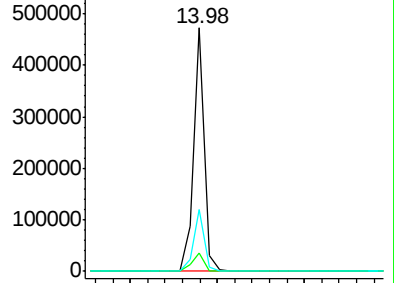
236 25.2 21.0 31.6



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



#78

Terphenyl-d14

Concen: 70.84 ng

RT: 12.94 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF091490.D

Acq: 8 Dec 2016 00:54

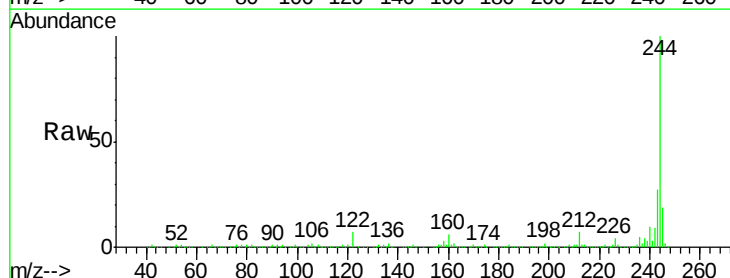
Tgt Ion:244 Resp: 1337022

Ion Ratio Lower Upper

244 100

212 6.7 6.5 9.7

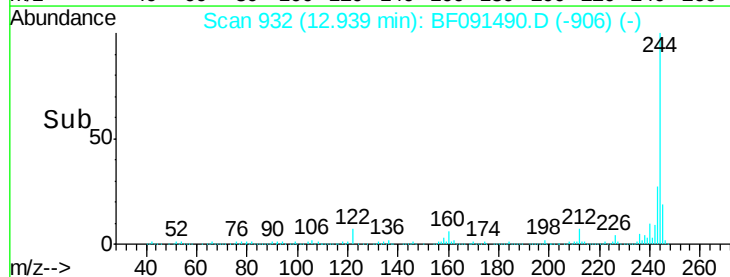
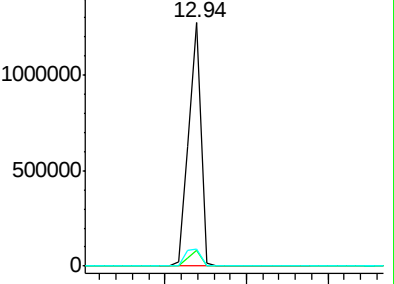
122 6.8 9.5 14.3#

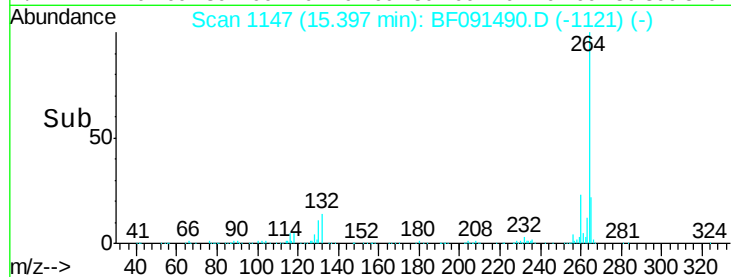
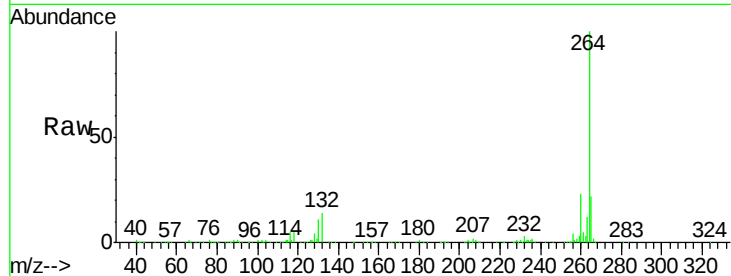
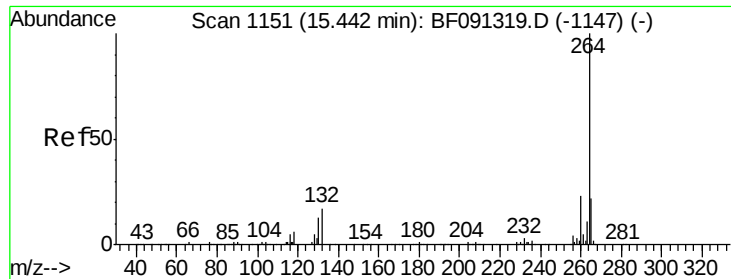


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF091490.D
 Acq: 8 Dec 2016 00:54

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-CUTTINGS-SVP-18

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	22.0	17.0	25.6

