

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112316\
 Data File : BF091283.D
 Acq On : 23 Nov 2016 19:07
 Operator : UM/SJ
 Sample : H5696-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-CUTTINGS

Quant Time: Nov 24 00:10:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 13:22:53 2016
 Response via : Initial Calibration

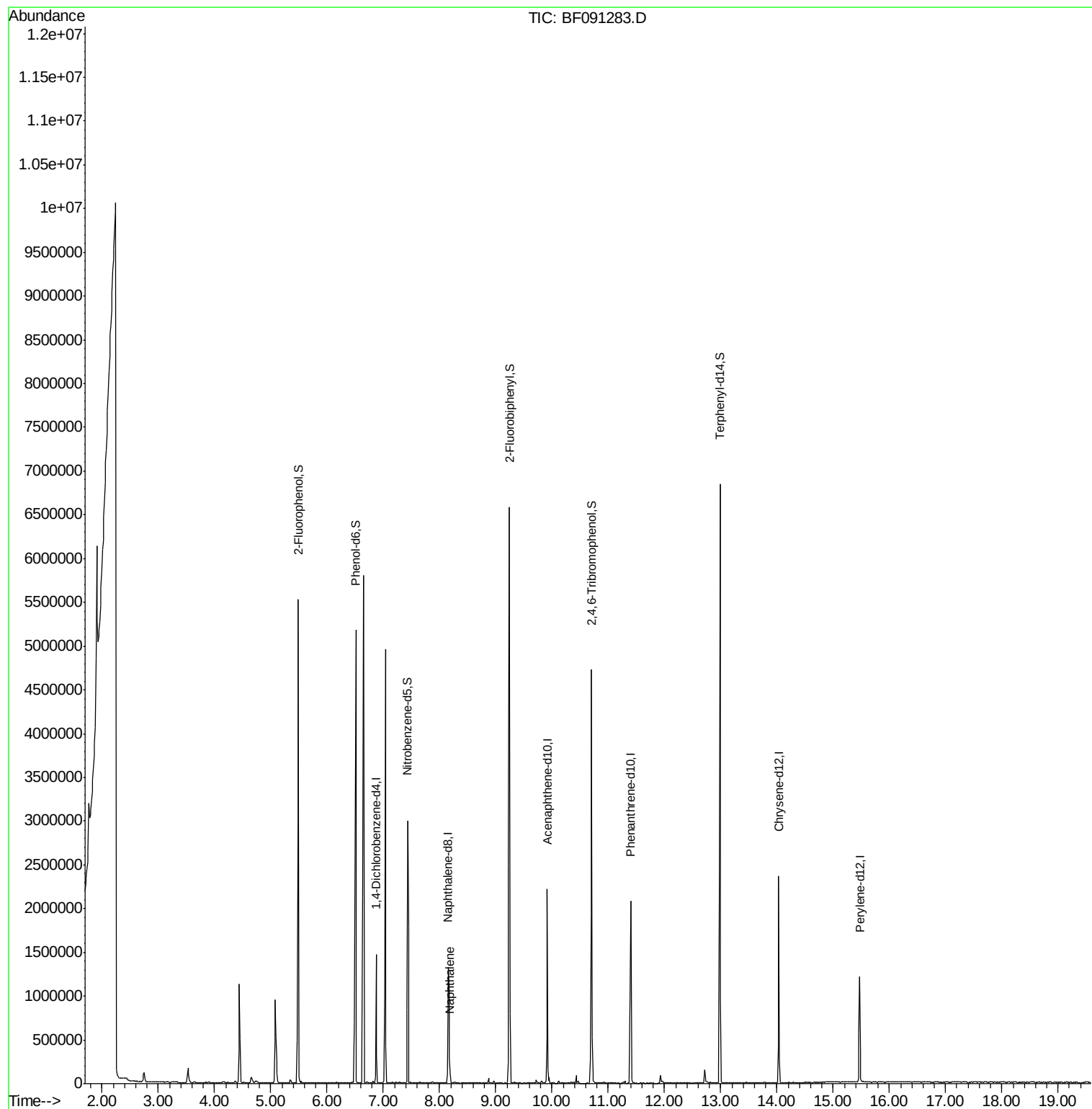
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	200132	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	808379	20.00	ng	-0.01
38) Acenaphthene-d10	9.92	164	478121	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	882149	20.00	ng	0.00
75) Chrysene-d12	14.03	240	799579	20.00	ng	-0.01
86) Perylene-d12	15.47	264	437106	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1531097	122.92	ng	0.02
7) Phenol-d6	6.51	99	1963217	122.67	ng	0.01
23) Nitrobenzene-d5	7.44	82	1232086	87.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	623315	129.28	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	2277785	78.01	ng	0.00
78) Terphenyl-d14	12.99	244	2327567	66.48	ng	0.00
Target Compounds						
31) Naphthalene	8.18	128	132707	3.41	ng	Qvalue 98

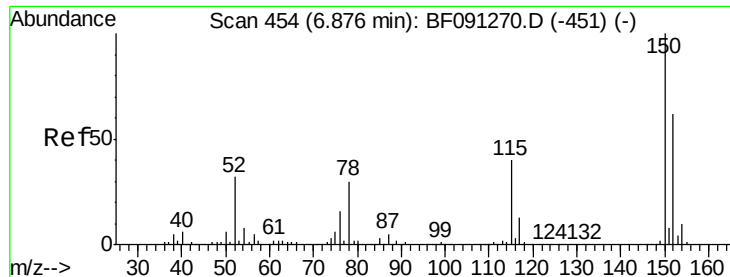
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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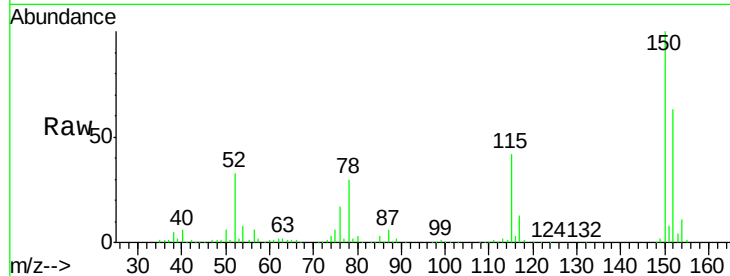


#1

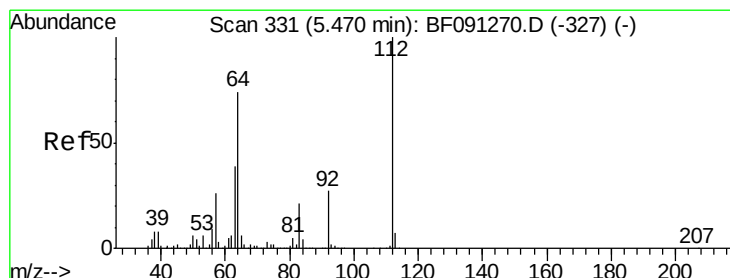
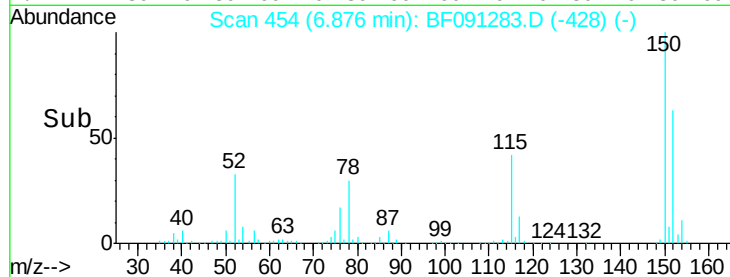
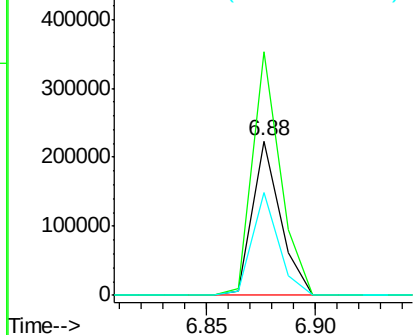
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF091283.D
Acq: 23 Nov 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS

Tot Ion:152 Resp: 200132
Ion Ratio Lower Upper
152 100
150 157.5 122.5 183.7
115 66.7 51.8 77.8



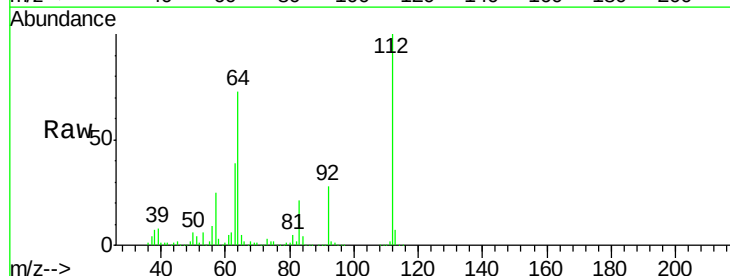
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



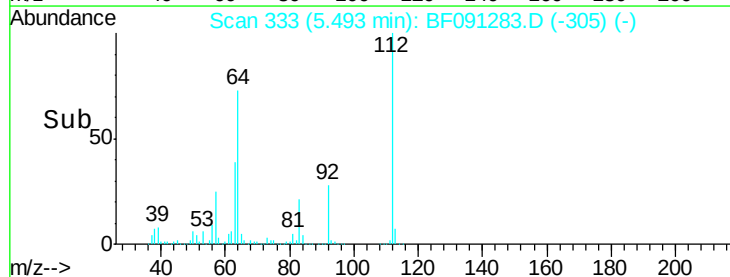
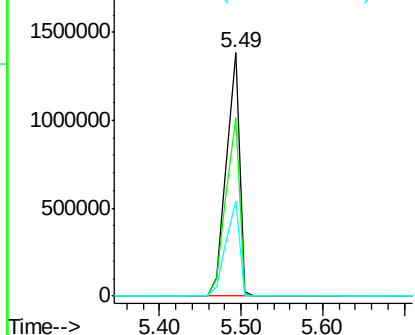
#5

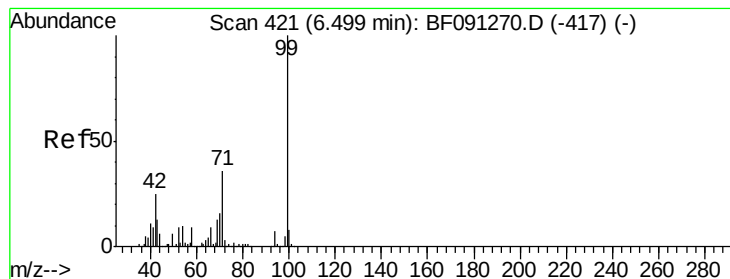
2-Fluorophenol
Concen: 122.92 ng
RT: 5.49 min Scan# 333
Delta R.T. 0.02 min
Lab File: BF091283.D
Acq: 23 Nov 2016 19:07

Tgt Ion:112 Resp: 1531097
Ion Ratio Lower Upper
112 100
64 73.2 61.5 92.3
63 39.0 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: 122.67 ng

RT: 6.51 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091283.D

Acq: 23 Nov 2016 19:07

Instrument :

BNA_F

ClientSampleId :

SOIL-CUTTINGS

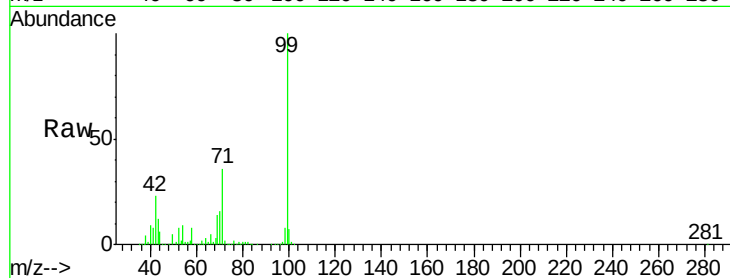
Tot Ion: 99 Resp: 1963217

Ion Ratio Lower Upper

99 100

42 22.8 20.6 31.0

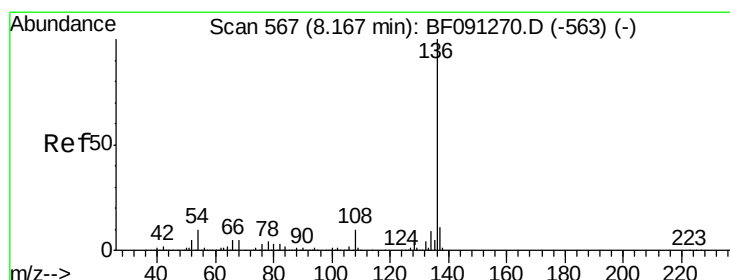
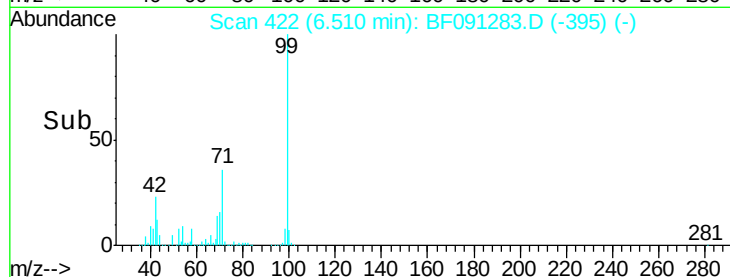
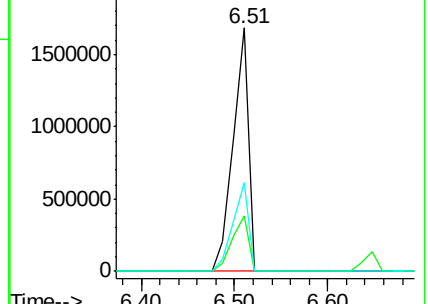
71 36.4 29.9 44.9



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: 8.16 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF091283.D

Acq: 23 Nov 2016 19:07

Tgt Ion: 136 Resp: 808379

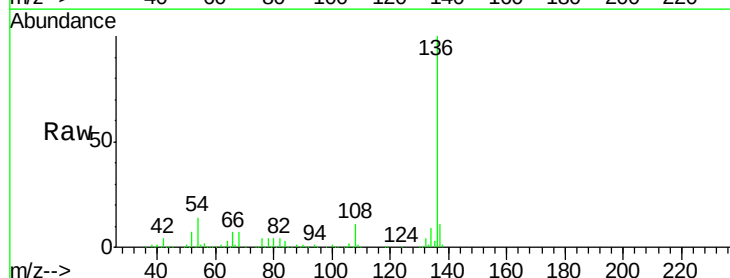
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 13.9 9.1 13.7#

68 6.5 5.9 8.9

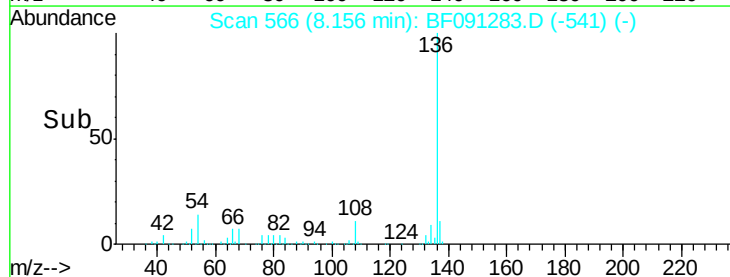
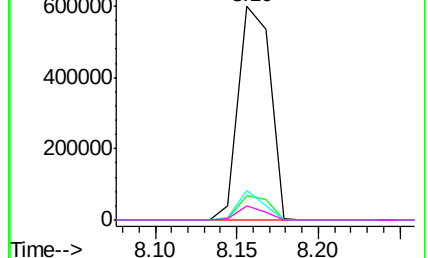


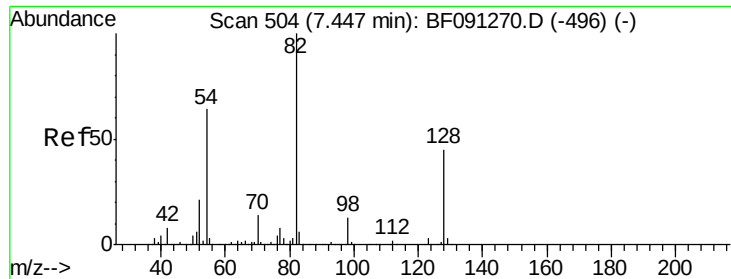
Abundance Ion 136.00 (135.70 to 136.70): E

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

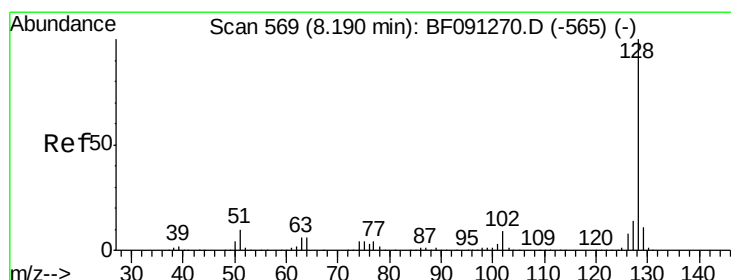
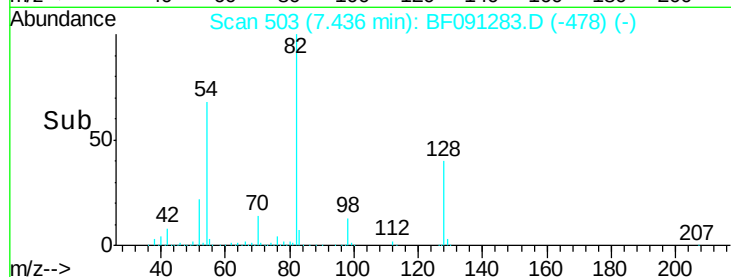
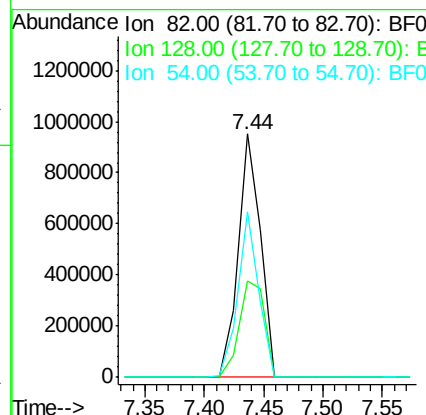
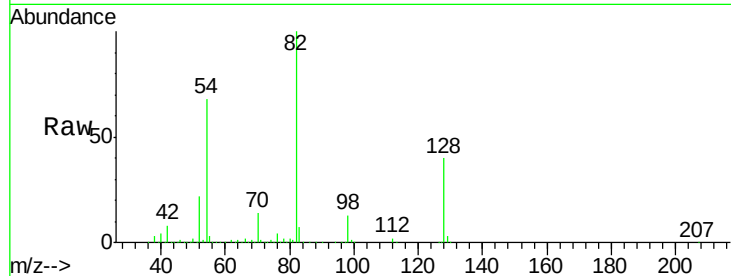




#23
 Nitrobenzene-d5
 Concen: 87.74 ng
 RT: 7.44 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: BF091283.D
 Acq: 23 Nov 2016 19:07

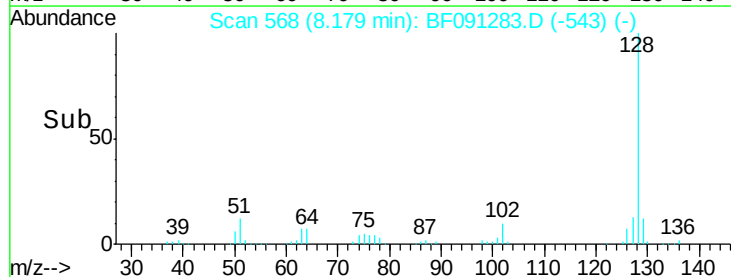
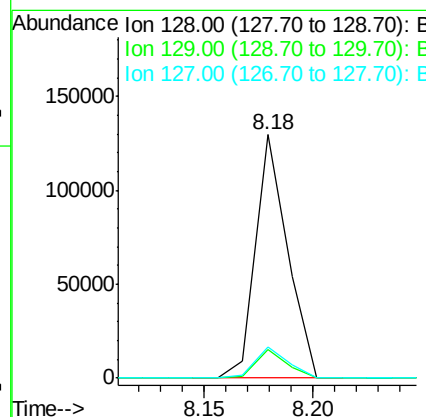
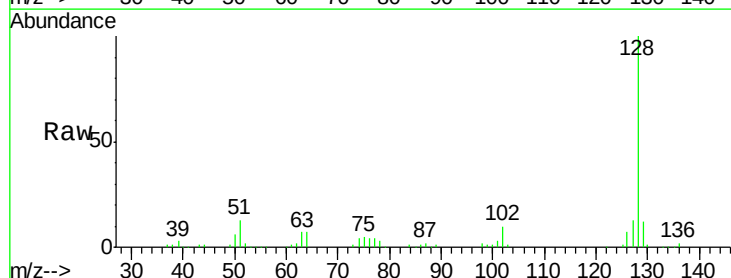
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-CUTTINGS

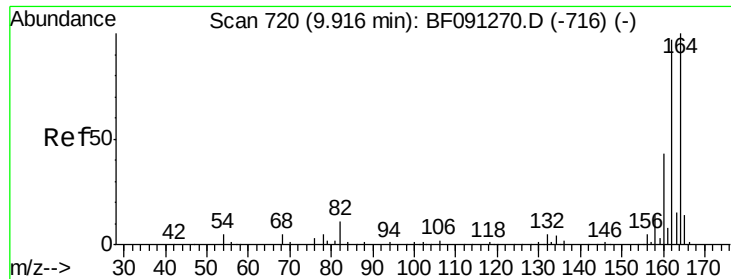
Tot Ion: 82 Resp: 1232086
 Ion Ratio Lower Upper
 82 100
 128 39.8 31.8 47.6
 54 68.2 49.1 73.7



#31
 Naphthalene
 Concen: 3.41 ng
 RT: 8.18 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF091283.D
 Acq: 23 Nov 2016 19:07

Tgt Ion: 128 Resp: 132707
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.1 13.7
 127 12.8 11.0 16.4

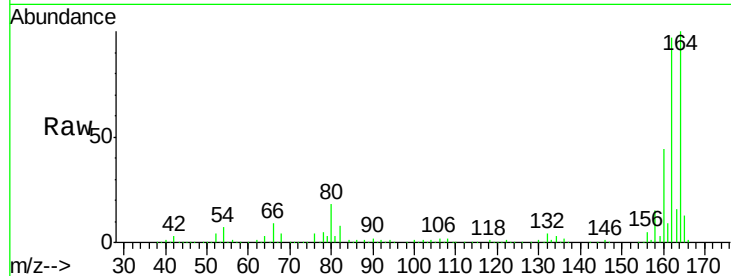




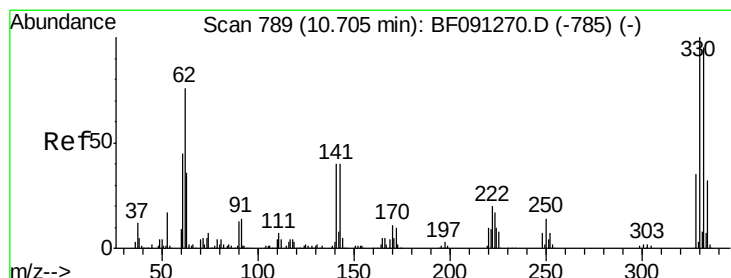
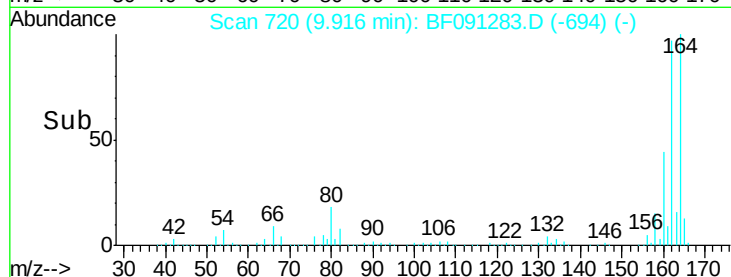
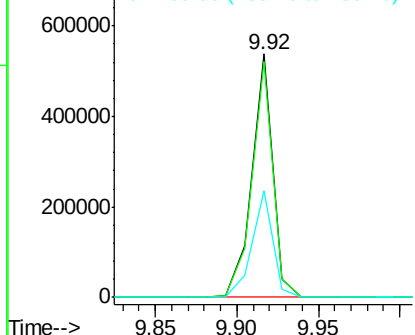
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF091283.D
Acq: 23 Nov 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS

Tot Ion:164 Resp: 478121
Ion Ratio Lower Upper
164 100
162 97.1 82.6 124.0
160 43.8 36.7 55.1

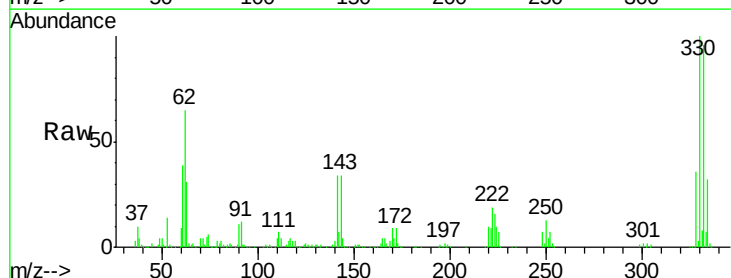


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

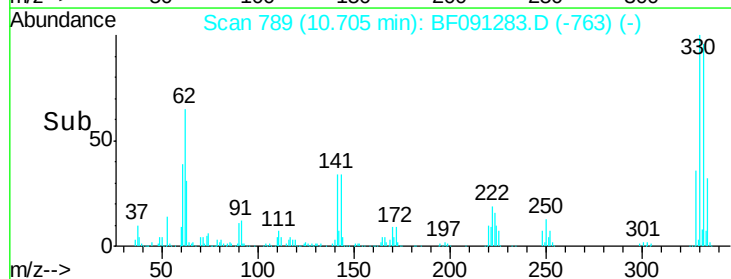
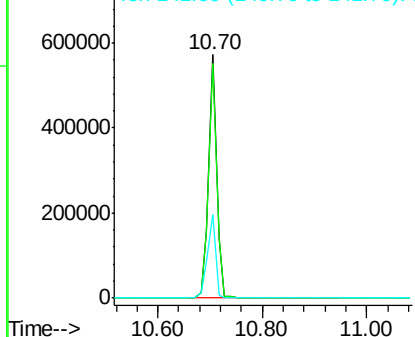


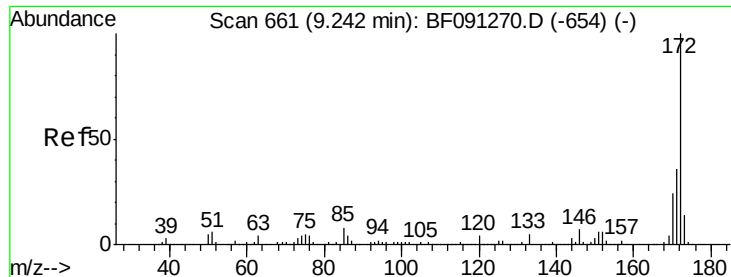
#41
2,4,6-Tribromophenol
Concen: 129.28 ng
RT: 10.70 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF091283.D
Acq: 23 Nov 2016 19:07

Tgt Ion:330 Resp: 623315
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 33.6 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

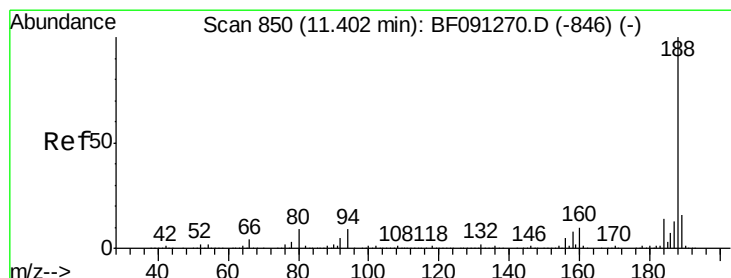
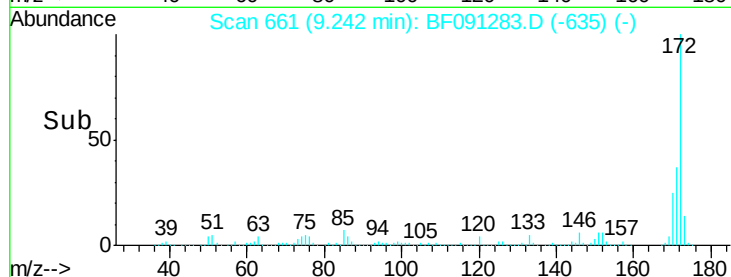
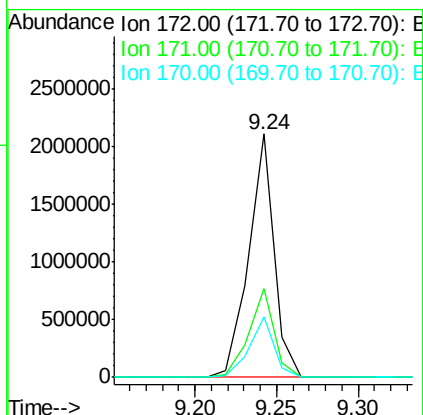
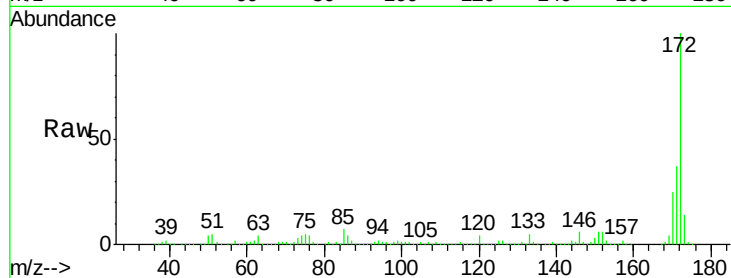




#44
2-Fluorobiphenyl
Concen: 78.01 ng
RT: 9.24 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF091283.D
Acq: 23 Nov 2016 19:07

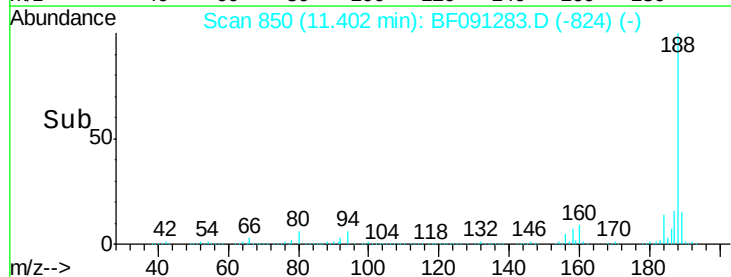
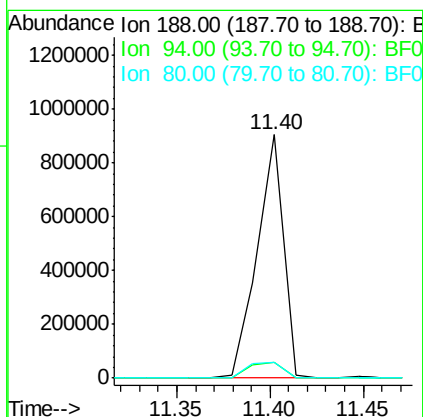
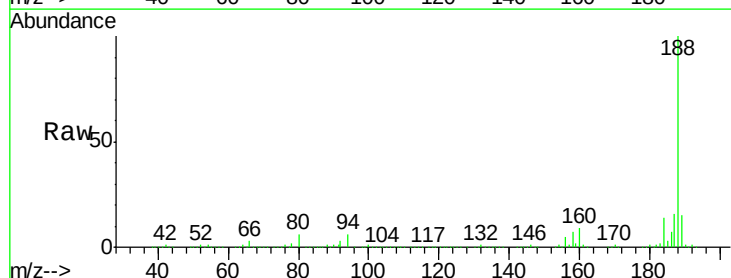
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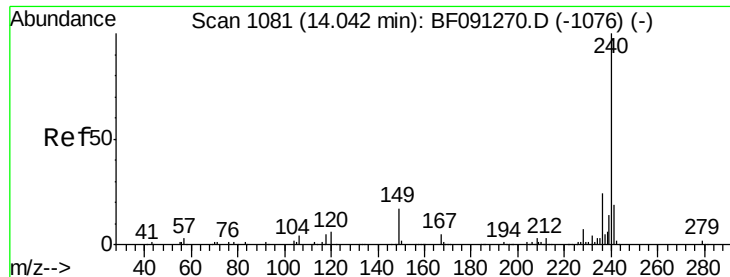
Tot Ion:172 Resp: 2277785
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.0
170 24.8 19.7 29.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF091283.D
Acq: 23 Nov 2016 19:07

Tgt Ion:188 Resp: 882149
Ion Ratio Lower Upper
188 100
94 6.4 9.2 13.8#
80 6.3 10.5 15.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF091283.D

Acq: 23 Nov 2016 19:07

Instrument :

BNA_F

ClientSampleId :

SOIL-CUTTINGS

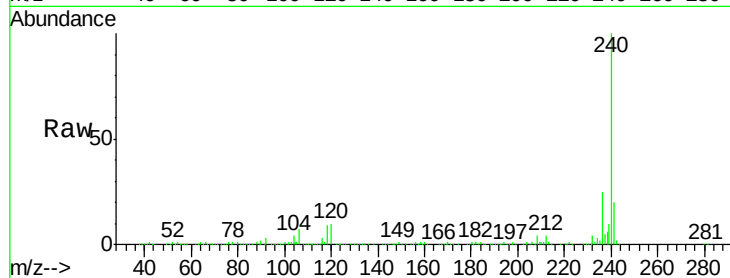
Tot Ion:240 Resp: 799579

Ion Ratio Lower Upper

240 100

120 10.0 12.1 18.1#

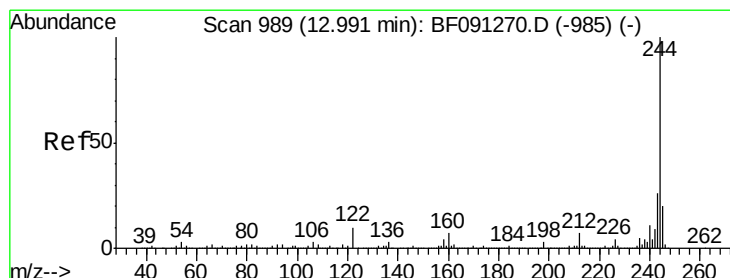
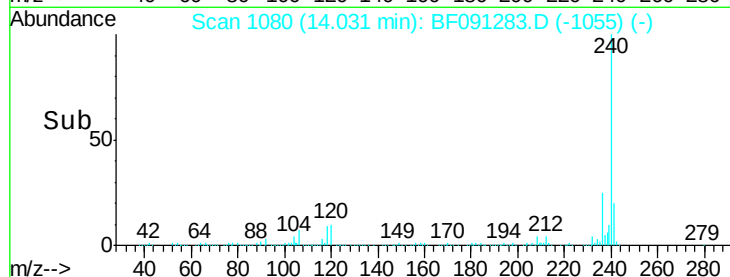
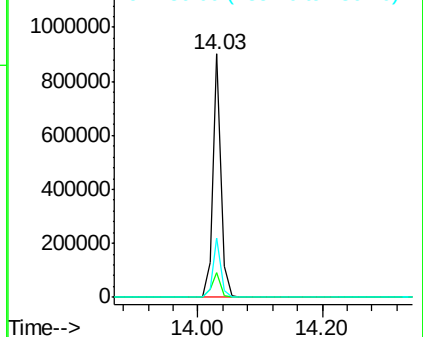
236 24.6 21.0 31.6



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: 66.48 ng

RT: 12.99 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF091283.D

Acq: 23 Nov 2016 19:07

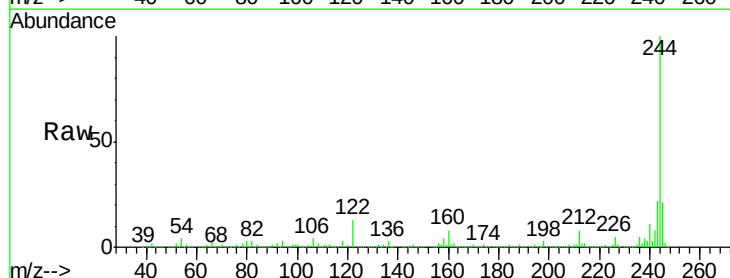
Tgt Ion:244 Resp: 2327567

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

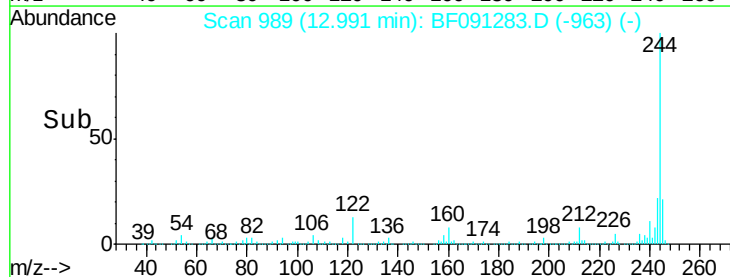
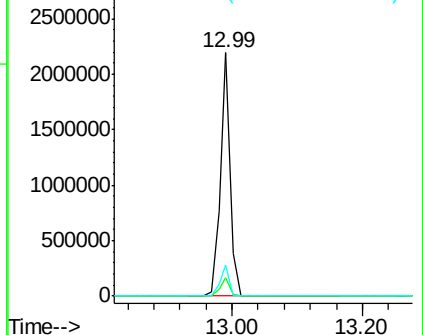
122 12.6 9.5 14.3

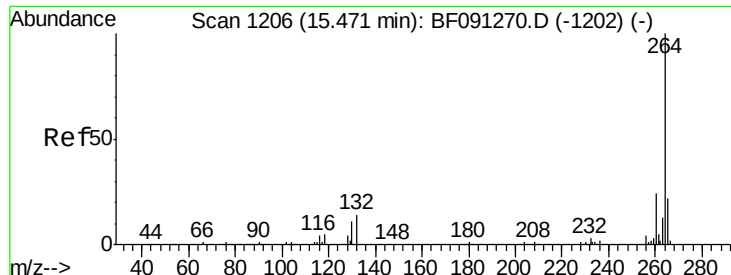


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

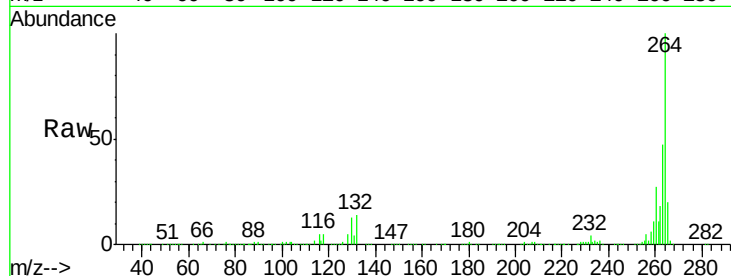




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF091283.D
Acq: 23 Nov 2016 19:07

Instrument :
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SOIL-CUTTINGS

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.9	18.8	28.2
265	20.4	17.0	25.6



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

