

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
 Data File : BF086495.D
 Acq On : 29 Apr 2016 16:39
 Operator : UM/SJ
 Sample : H2764-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-TOPSOIL-005

Quant Time: Apr 30 01:12:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

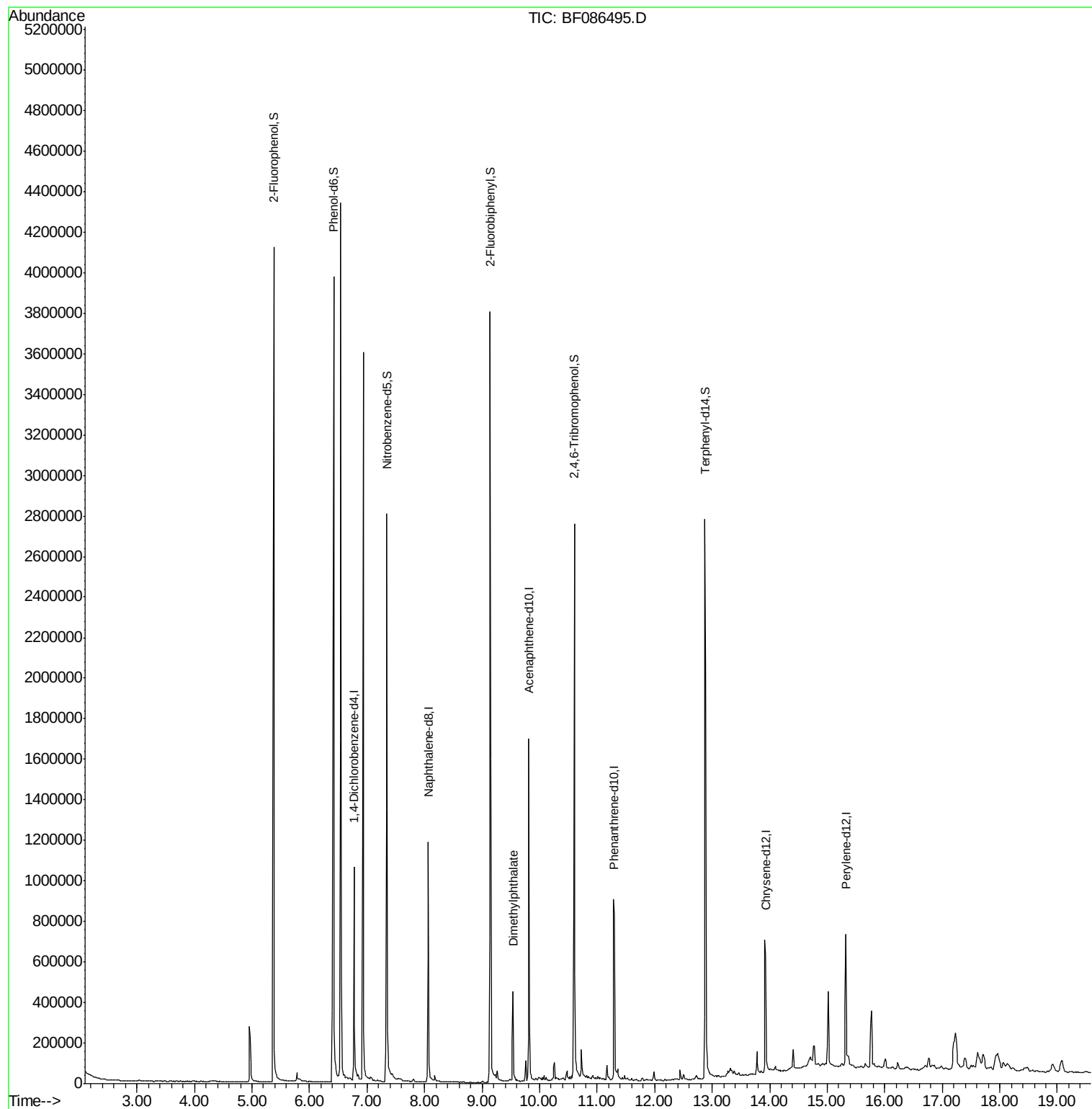
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	158932	20.00	ng	-0.03
21) Naphthalene-d8	8.06	136	682157	20.00	ng	-0.03
38) Acenaphthene-d10	9.81	164	318614	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	542915	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	366107	20.00	ng	-0.03
86) Perylene-d12	15.32	264	326757	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1224721	132.92	ng	-0.01
7) Phenol-d6	6.42	99	1573807	122.38	ng	-0.02
23) Nitrobenzene-d5	7.34	82	1110617	87.76	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	345873	102.94	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	1493381	81.24	ng	-0.03
78) Terphenyl-d14	12.88	244	1227542	73.87	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.54	163	212479	8.86	ng	Qvalue 98

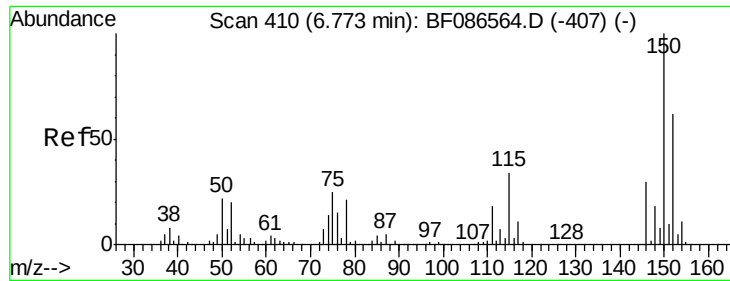
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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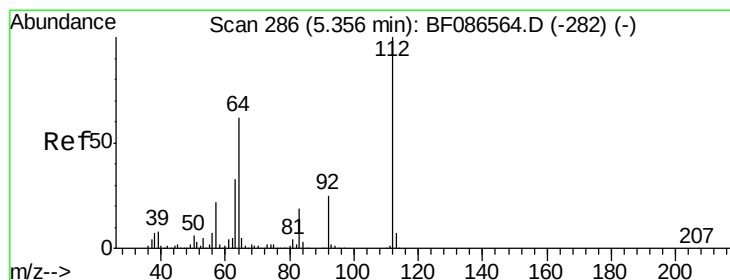
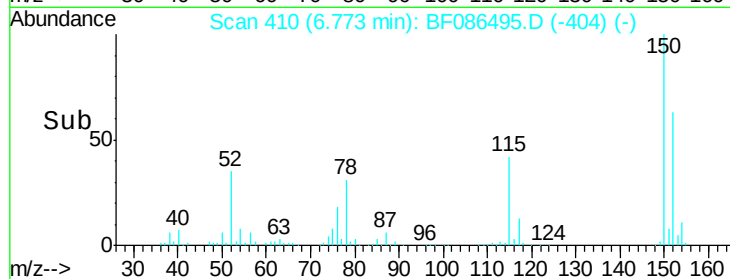
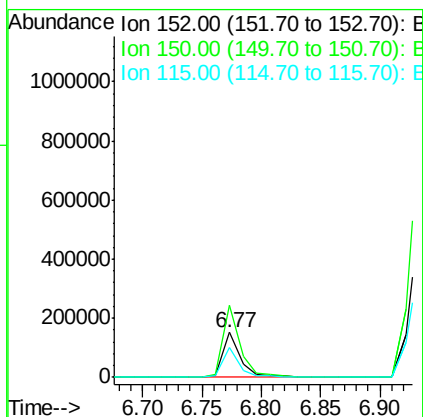
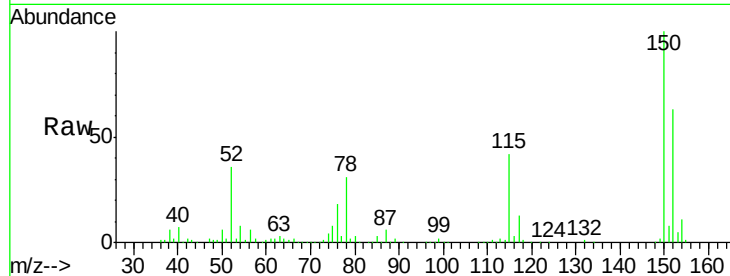


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.03 min
Lab File: BF086495.D
Acq: 29 Apr 2016 16:39

Instrument :
BNA_F
ClientSampleId :
IM-TOPSOIL-005

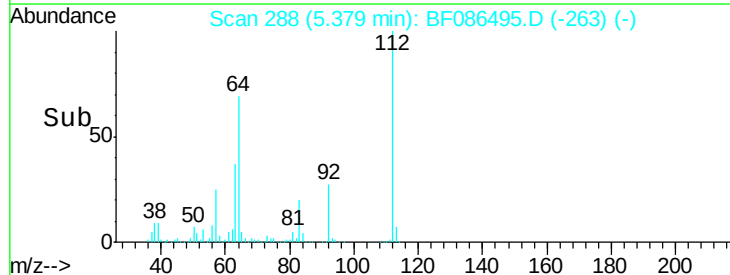
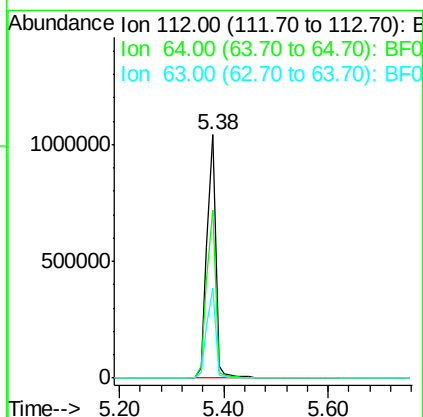
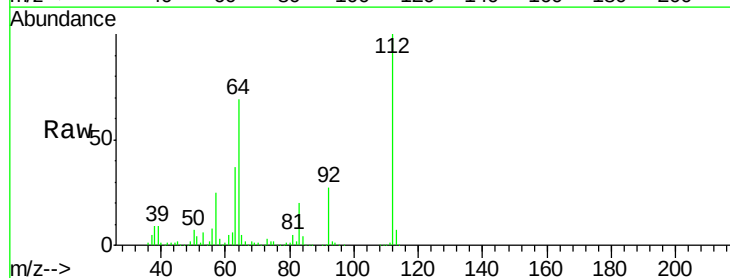
Tot Ion:152 Resp: 158932
Ion Ratio Lower Upper
152 100
150 158.9 125.8 188.6
115 67.3 51.5 77.3

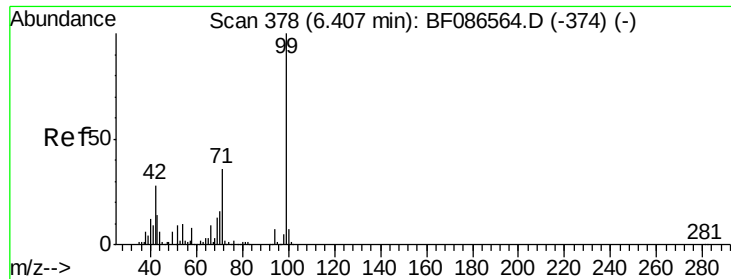


#5

2-Fluorophenol
Concen: 132.92 ng
RT: 5.38 min Scan# 288
Delta R.T. -0.01 min
Lab File: BF086495.D
Acq: 29 Apr 2016 16:39

Tgt Ion:112 Resp: 1224721
Ion Ratio Lower Upper
112 100
64 68.8 52.1 78.1
63 36.7 25.7 38.5





#7

Phenol-d6

Concen: 122.38 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF086495.D

Acq: 29 Apr 2016 16:39

Instrument :

BNA_F

ClientSampleId :

IM-TOPSOIL-005

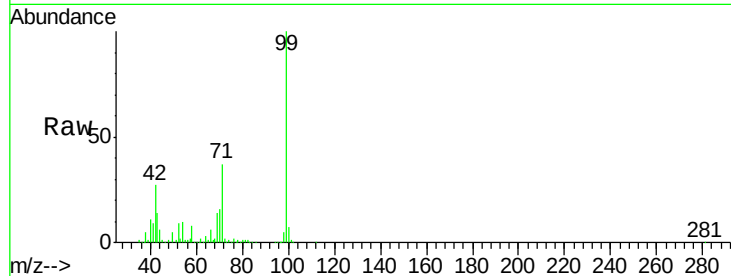
Tot Ion: 99 Resp: 1573807

Ion Ratio Lower Upper

99 100

42 27.5 13.6 20.4#

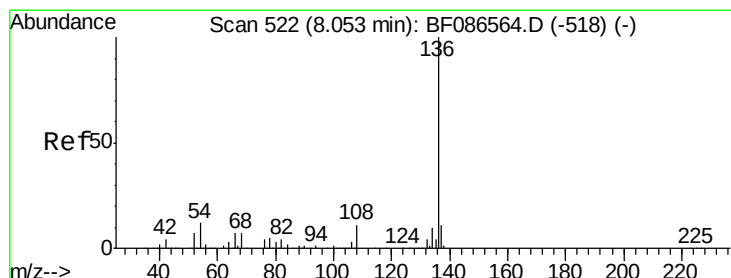
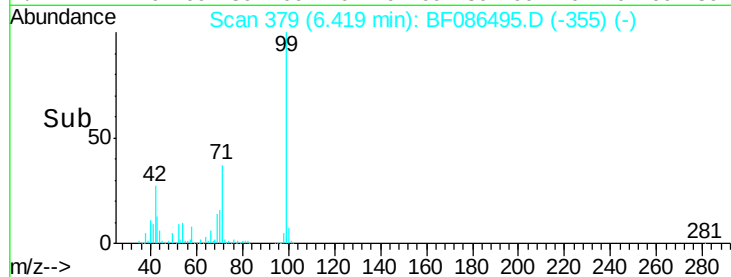
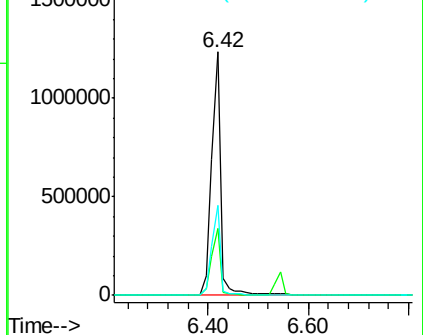
71 37.1 24.6 36.8#



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: 8.06 min Scan# 523

Delta R.T. -0.03 min

Lab File: BF086495.D

Acq: 29 Apr 2016 16:39

Tgt Ion: 136 Resp: 682157

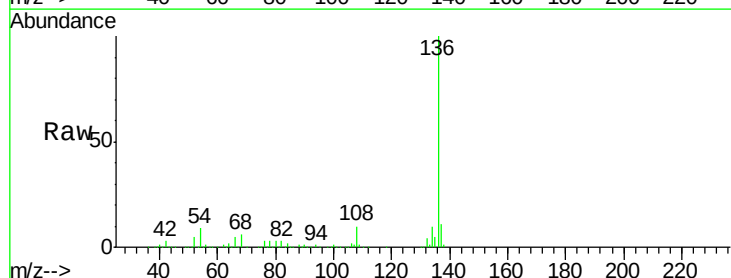
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 9.2 5.0 7.4#

68 6.0 4.4 6.6

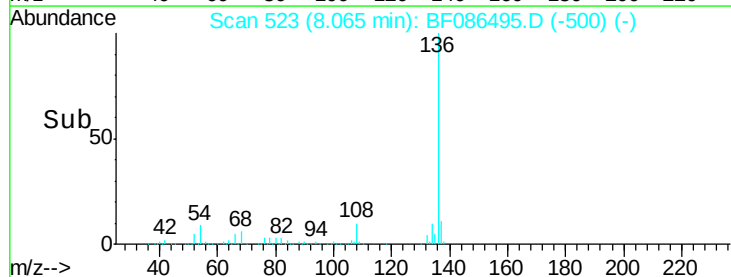
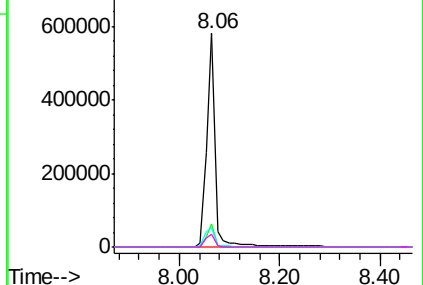


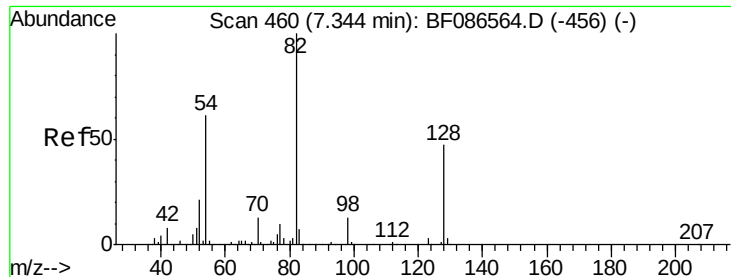
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

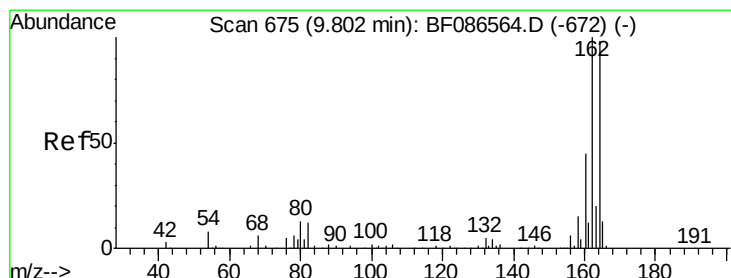
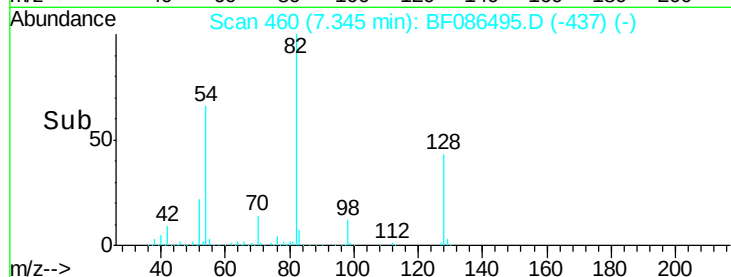
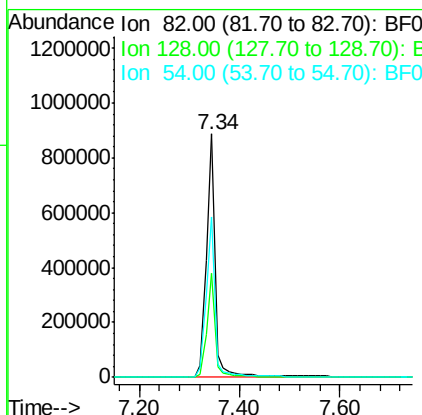
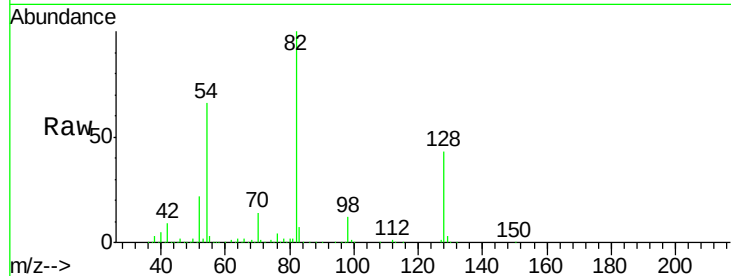




#23
Nitrobenzene-d5
Concen: 87.76 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.03 min
Lab File: BF086495.D
Acq: 29 Apr 2016 16:39

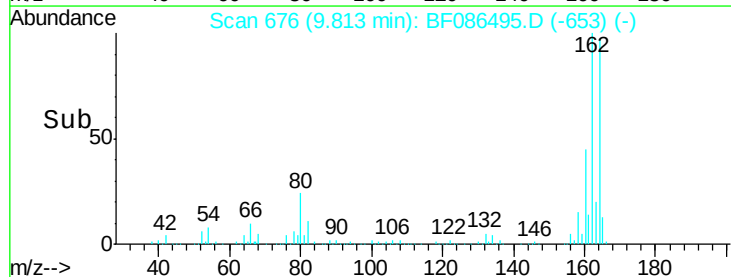
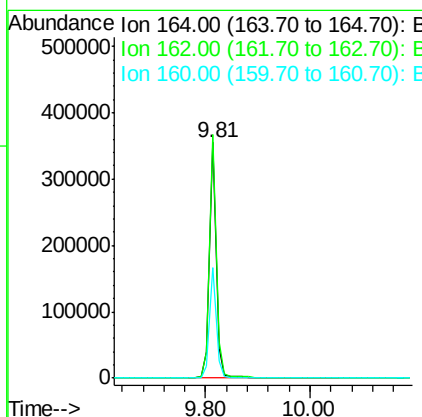
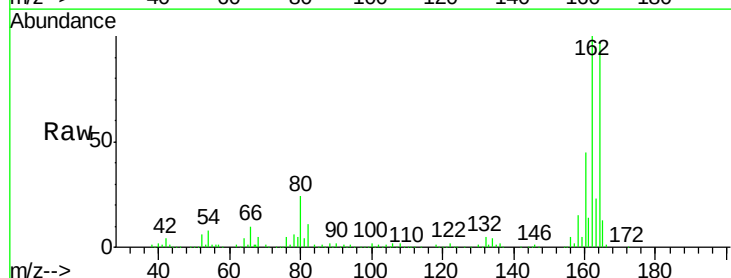
Instrument :
BNA_F
ClientSampleId :
IM-TOPSOIL-005

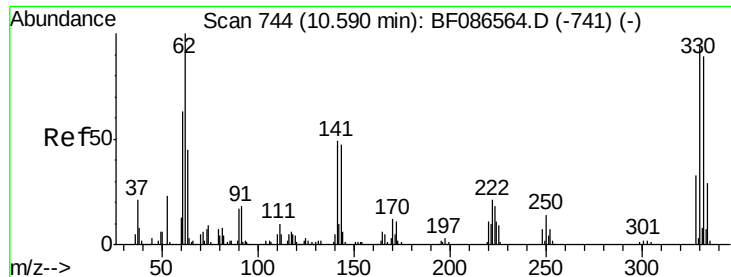
Tot Ion: 82 Resp: 1110617
Ion Ratio Lower Upper
82 100
128 42.5 40.6 61.0
54 65.9 38.1 57.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.03 min
Lab File: BF086495.D
Acq: 29 Apr 2016 16:39

Tgt Ion:164 Resp: 318614
Ion Ratio Lower Upper
164 100
162 103.3 82.8 124.2
160 46.9 36.9 55.3

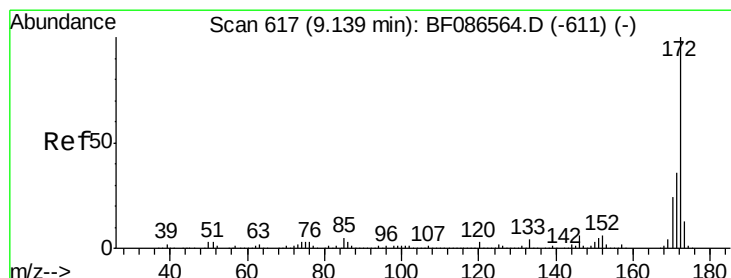
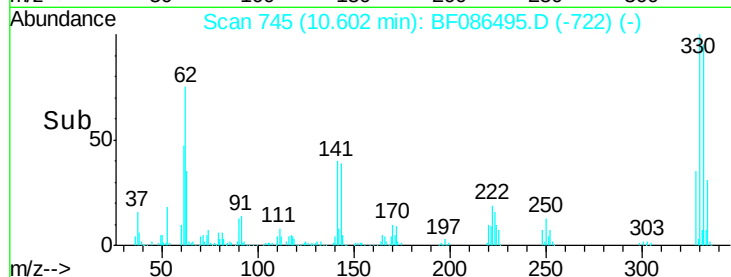
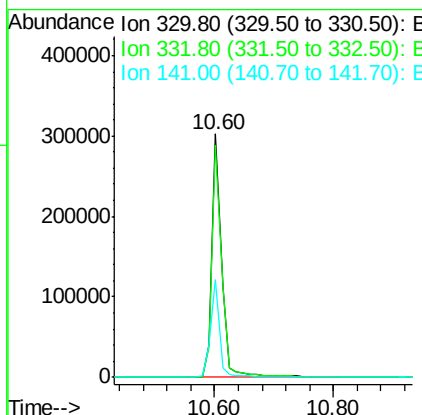
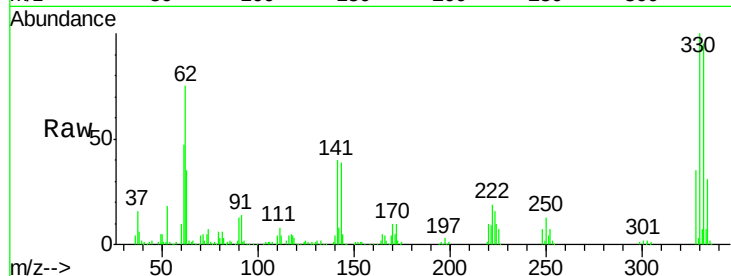




#41
 2,4,6-Tribromophenol
 Concen: 102.94 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.03 min
 Lab File: BF086495.D
 Acq: 29 Apr 2016 16:39

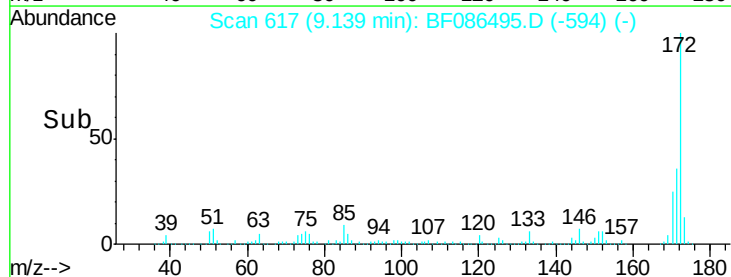
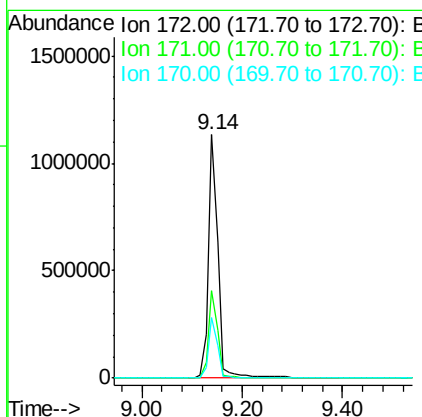
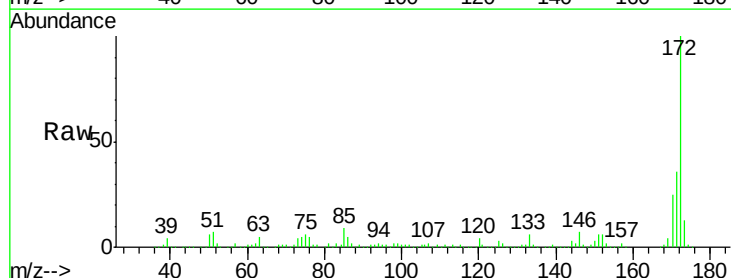
Instrument :
 BNA_F
 ClientSampleId :
 IM-TOPSOIL-005

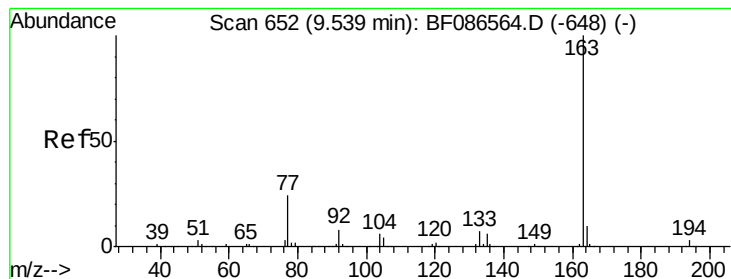
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.0	118.4
141	37.4	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 81.24 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF086495.D
 Acq: 29 Apr 2016 16:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.8	19.8	29.8





#49

Dimethylphthalate

Concen: 8.86 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.03 min

Lab File: BF086495.D

Acq: 29 Apr 2016 16:39

Instrument :

BNA_F

ClientSampleId :

IM-TOPSOIL-005

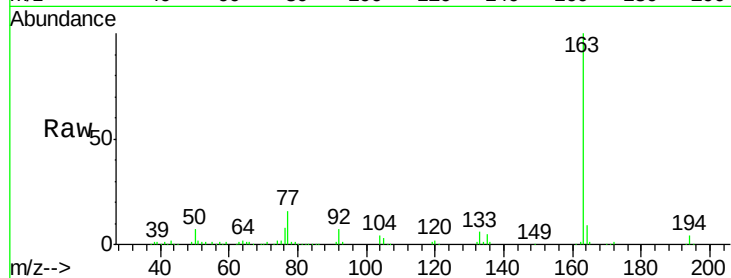
Tot Ion:163 Resp: 212479

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

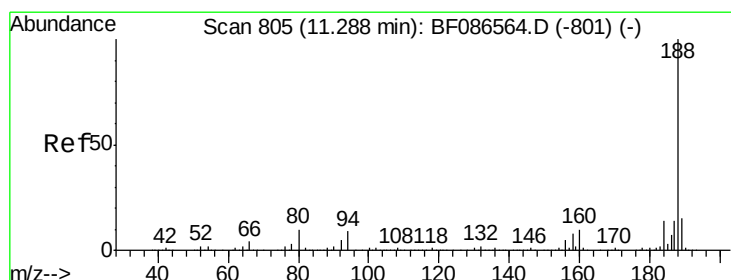
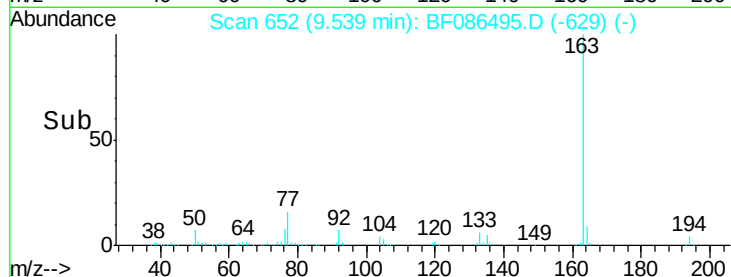
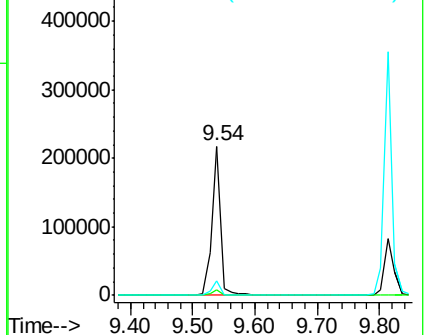
164 9.4 8.2 12.4



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.02 min

Lab File: BF086495.D

Acq: 29 Apr 2016 16:39

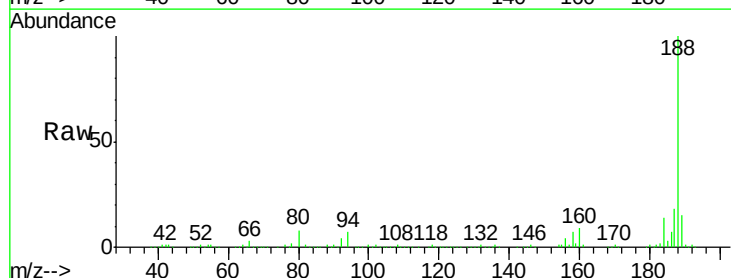
Tgt Ion:188 Resp: 542915

Ion Ratio Lower Upper

188 100

94 7.3 6.8 10.2

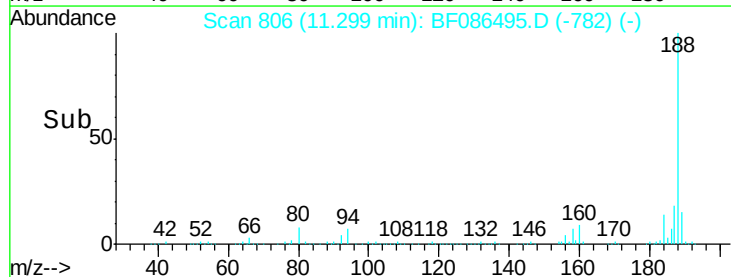
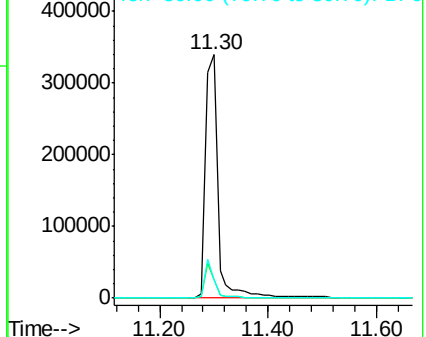
80 7.6 7.1 10.7

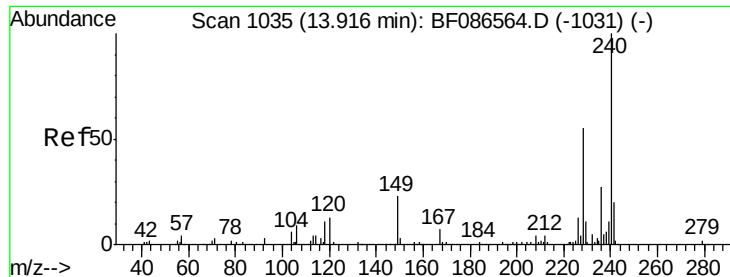


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF086495.D

Acq: 29 Apr 2016 16:39

Instrument :

BNA_F

ClientSampleId :

IM-TOPSOIL-005

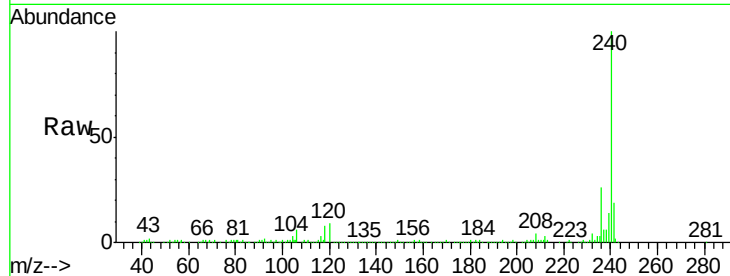
Tot Ion:240 Resp: 366107

Ion Ratio Lower Upper

240 100

120 9.0 11.2 16.8#

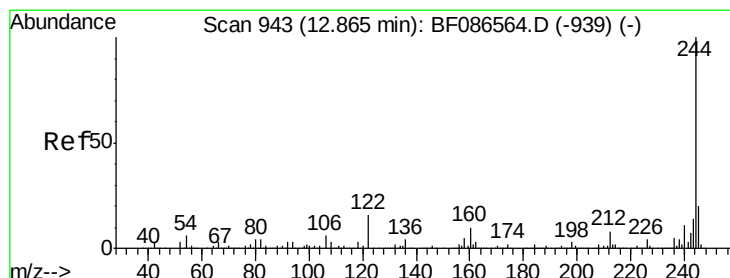
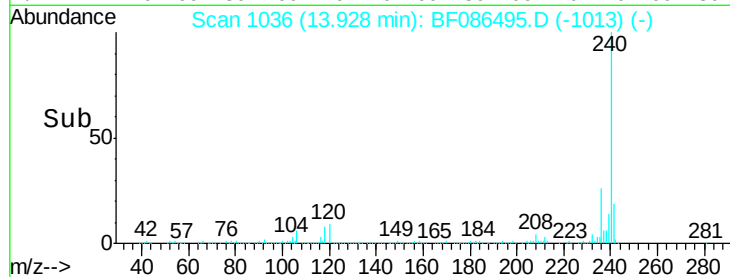
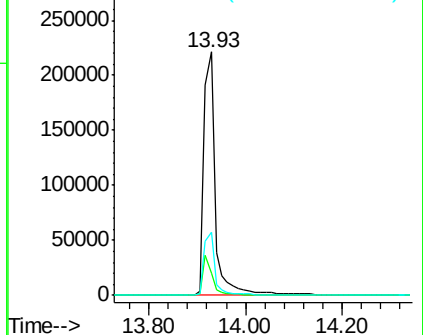
236 25.9 21.2 31.8



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



#78

Terphenyl-d14

Concen: 73.87 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.03 min

Lab File: BF086495.D

Acq: 29 Apr 2016 16:39

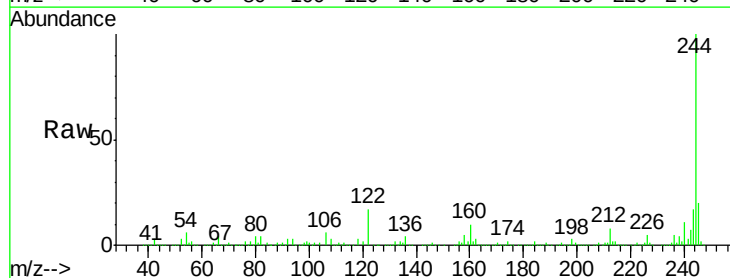
Tgt Ion:244 Resp: 1227542

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

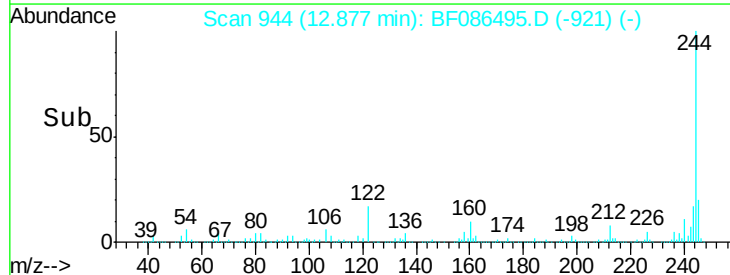
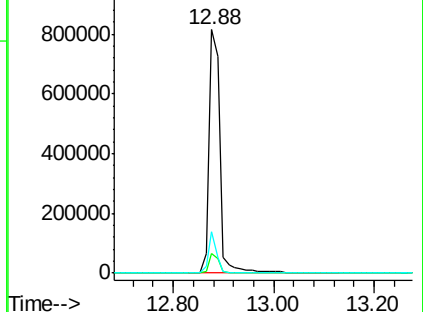
122 16.7 12.0 18.0

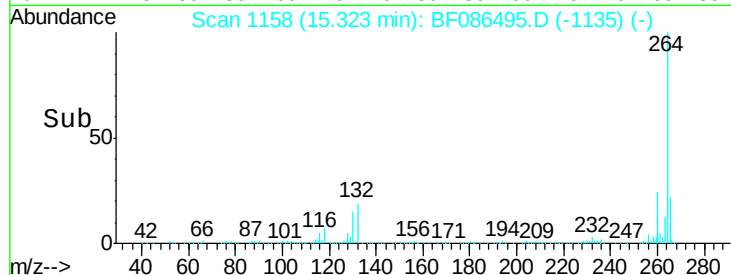
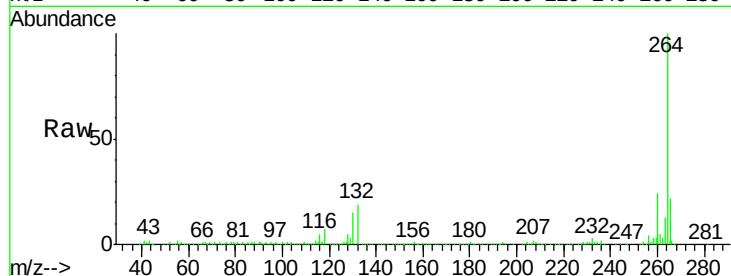
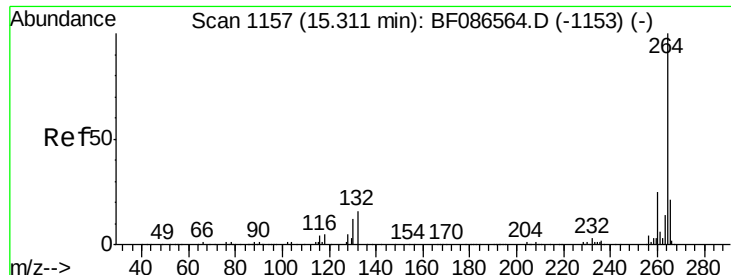


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.32 min Scan# 1158
Delta R.T. -0.03 min
Lab File: BF086495.D
Acq: 29 Apr 2016 16:39

Instrument :
BNA_F
ClientSampleId :
IM-TOPSOIL-005

Tot Ion:	264	Resp:	326757
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.5	29.3
265	21.8	17.3	25.9

