

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
 Data File : BF086507.D
 Acq On : 29 Apr 2016 22:22
 Operator : UM/SJ
 Sample : H2764-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-TOPSOIL-006

Quant Time: Apr 30 02:00:25 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

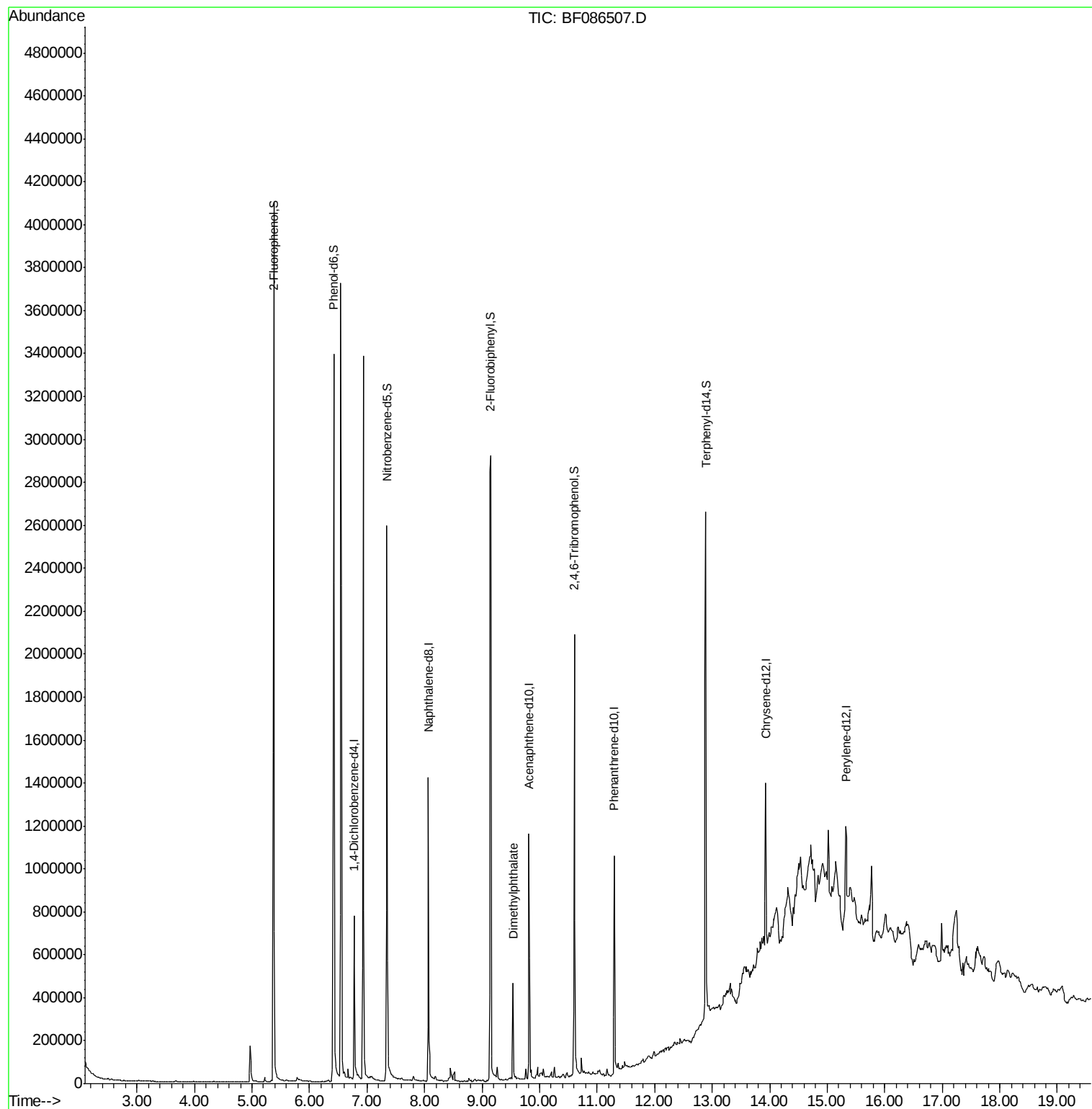
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	149176	20.00	ng	-0.03
21) Naphthalene-d8	8.06	136	636166	20.00	ng	-0.03
38) Acenaphthene-d10	9.81	164	254416	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	411604	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	318354	20.00	ng	-0.03
86) Perylene-d12	15.32	264	237939	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1142959	132.16	ng	-0.01
7) Phenol-d6	6.42	99	1687214	139.78	ng	-0.02
23) Nitrobenzene-d5	7.34	82	974104	82.53	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	270219	100.72	ng	-0.03
44) 2-Fluorobiphenyl	9.15	172	1487893	108.21	ng	-0.02
78) Terphenyl-d14	12.89	244	988013	68.37	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.54	163	172055	8.98	ng	Qvalue 99

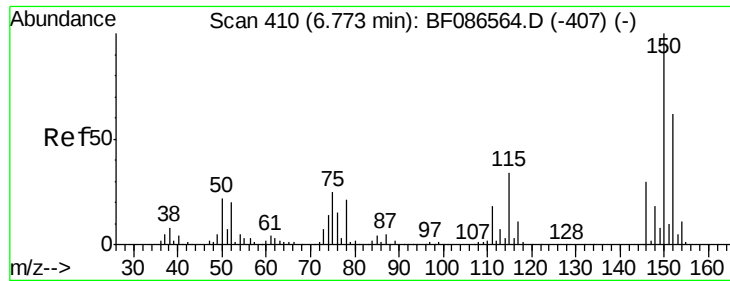
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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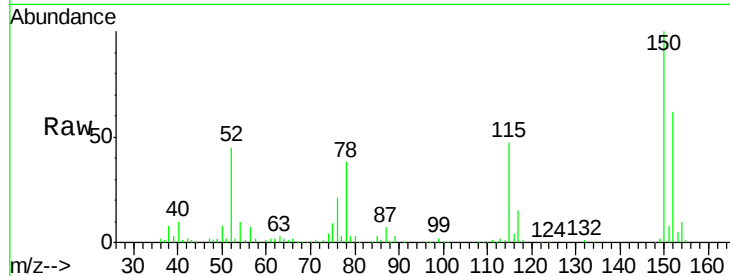
Tot Ion:152 Resp: 149176

Ion Ratio Lower Upper

152 100

150 160.4 125.8 188.6

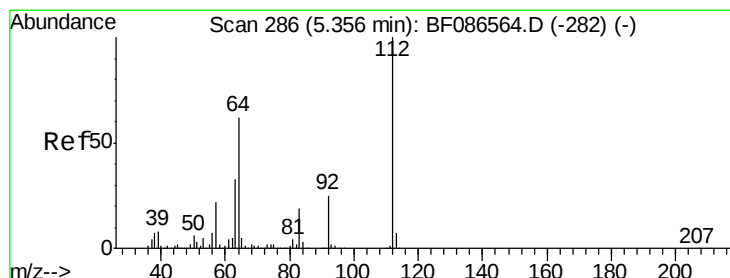
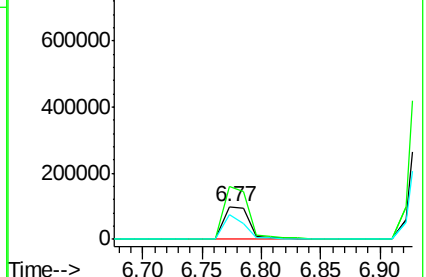
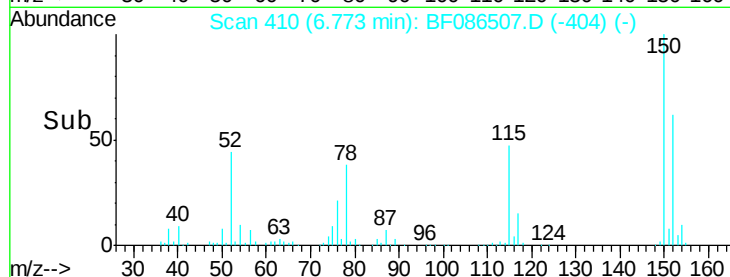
115 75.9 51.5 77.3



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: 132.16 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.01 min

Lab File: BF086507.D

Acq: 29 Apr 2016 22:22

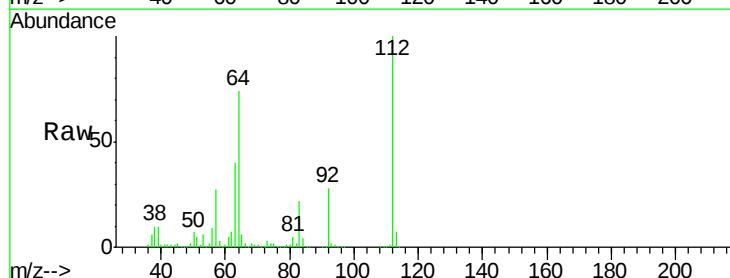
Tgt Ion:112 Resp: 1142959

Ion Ratio Lower Upper

112 100

64 74.3 52.1 78.1

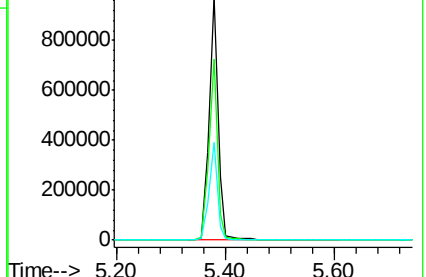
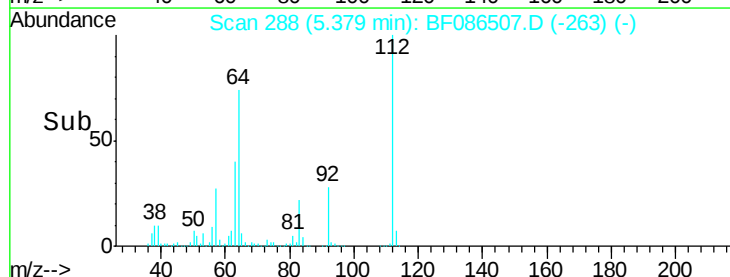
63 40.0 25.7 38.5#



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: 139.78 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF086507.D

Acq: 29 Apr 2016 22:22

Instrument :

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IM-TOPSOIL-006

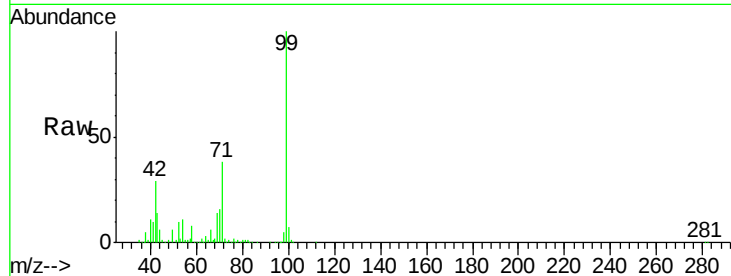
Tot Ion: 99 Resp: 1687214

Ion Ratio Lower Upper

99 100

42 28.5 13.6 20.4#

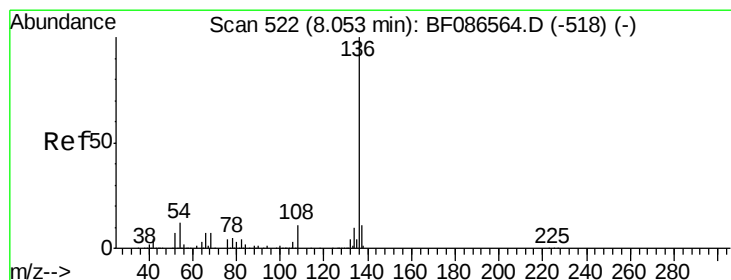
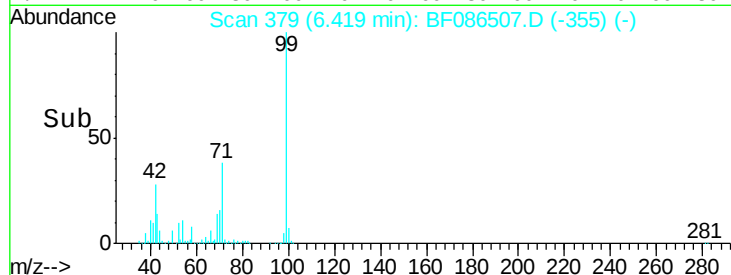
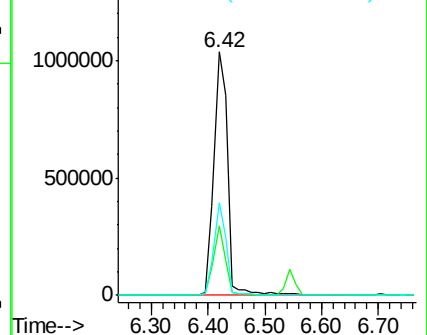
71 38.1 24.6 36.8#



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: BF086507.D

Acq: 29 Apr 2016 22:22

Tgt Ion: 136 Resp: 636166

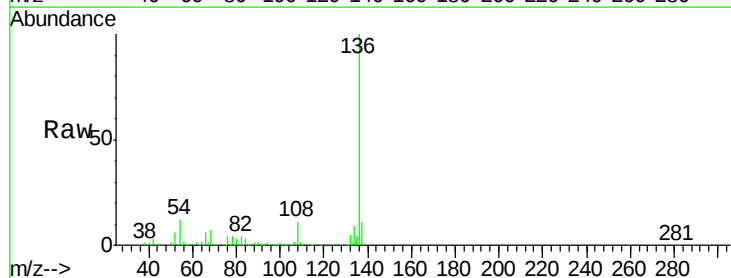
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 11.7 5.0 7.4#

68 6.8 4.4 6.6#

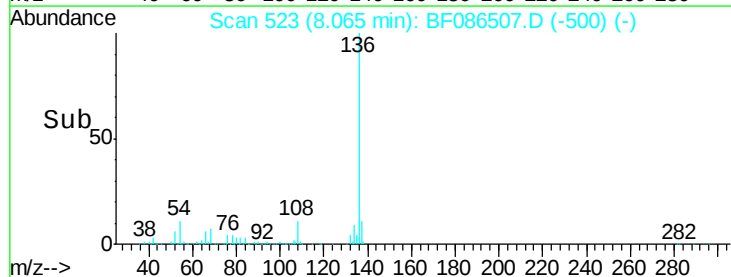
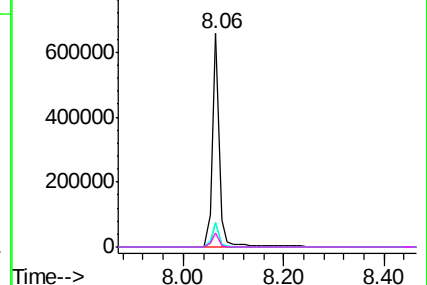


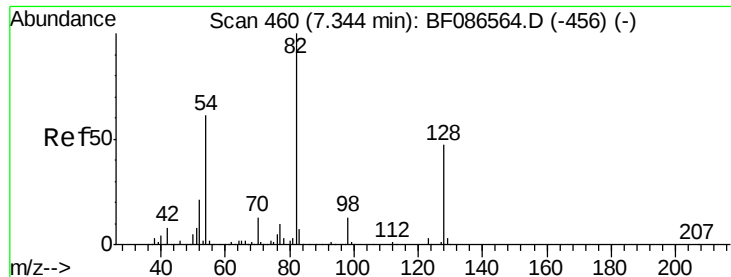
Abundance Ion 136.00 (135.70 to 136.70): E

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

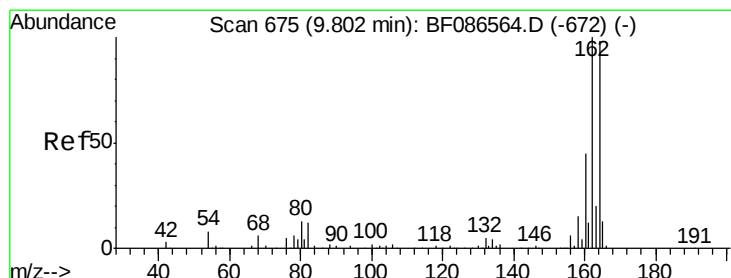
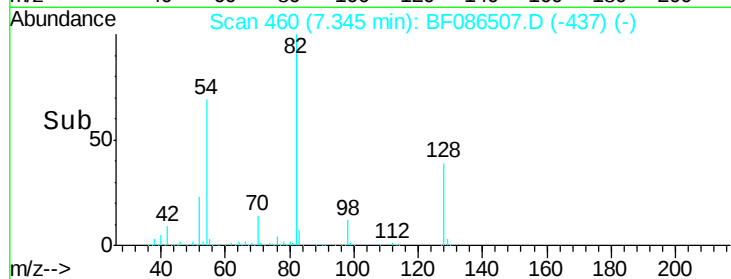
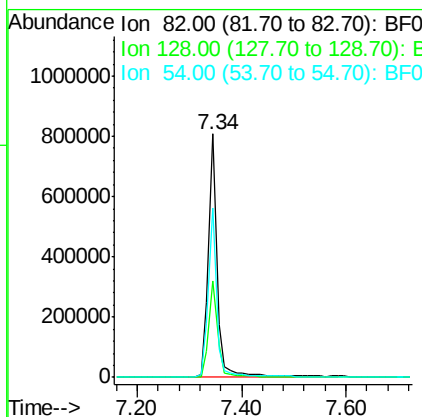
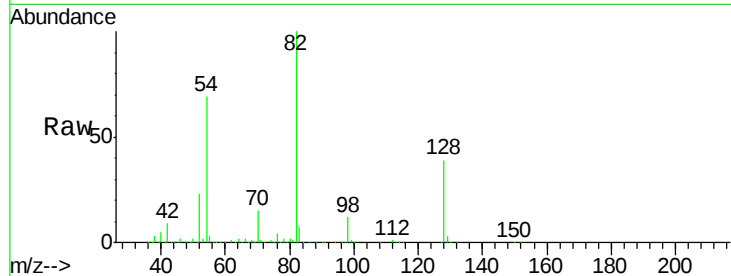




#23
 Nitrobenzene-d5
 Concen: 82.53 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.03 min
 Lab File: BF086507.D
 Acq: 29 Apr 2016 22:22

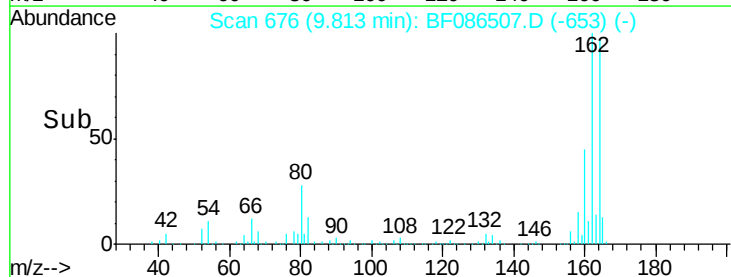
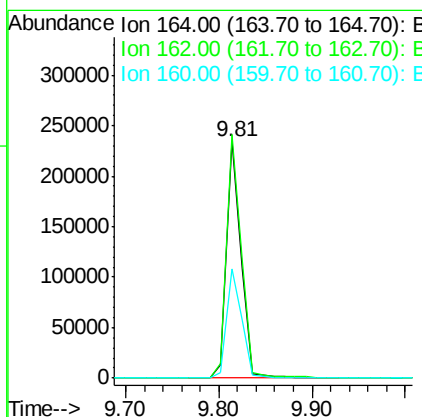
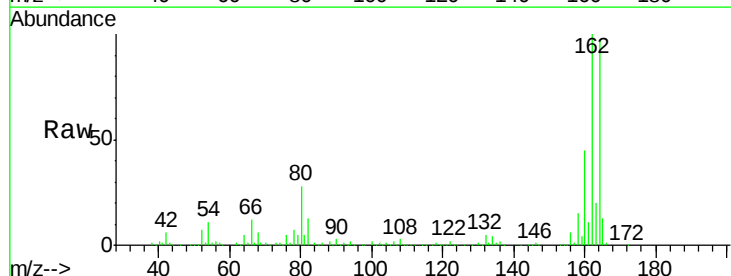
Instrument :
 BNA_F
 ClientSampleId :
 IM-TOPSOIL-006

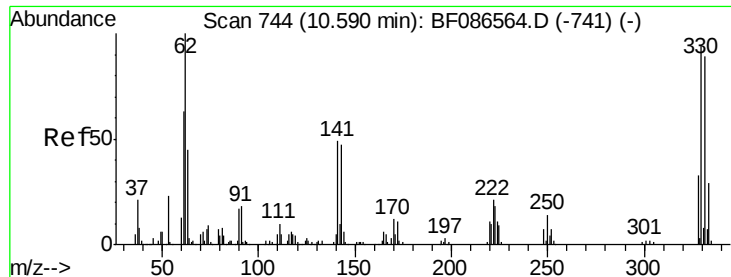
Tot Ion	82	Resp	974104
Ion Ratio	Lower	Upper	
82	100		
128	39.4	40.6	61.0#
54	69.5	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.03 min
 Lab File: BF086507.D
 Acq: 29 Apr 2016 22:22

Tgt Ion	164	Resp	254416
Ion Ratio	Lower	Upper	
164	100		
162	102.7	82.8	124.2
160	45.9	36.9	55.3

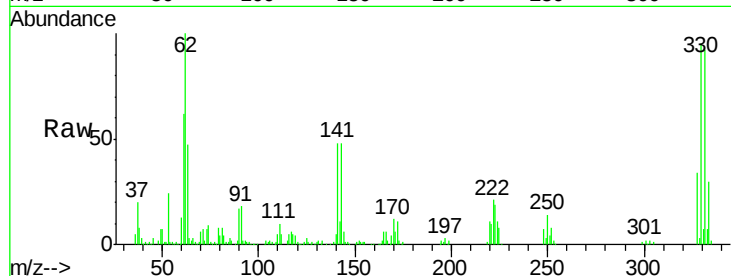




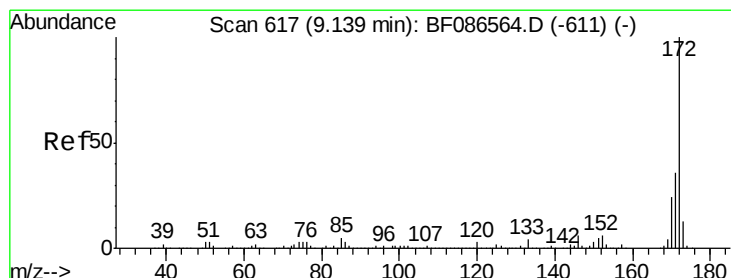
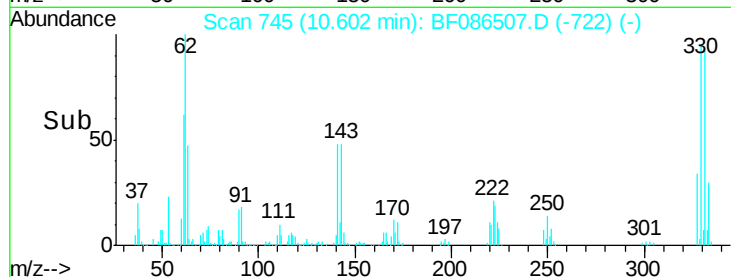
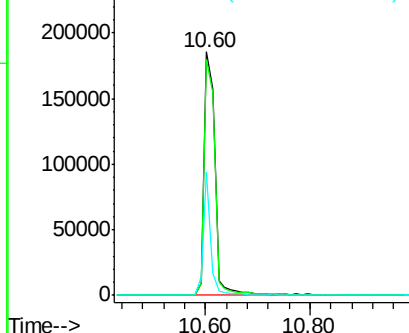
#41
 2,4,6-Tribromophenol
 Concen: 100.72 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.03 min
 Lab File: BF086507.D
 Acq: 29 Apr 2016 22:22

Instrument :
 BNA_F
 ClientSampleId :
 IM-TOPSOIL-006

Tot Ion:330 Resp: 270219
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.0 118.4
 141 34.8 31.2 46.8

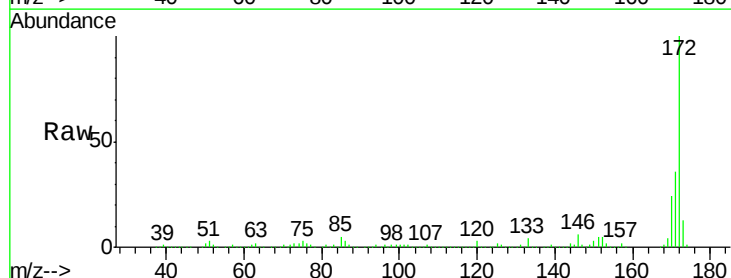


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

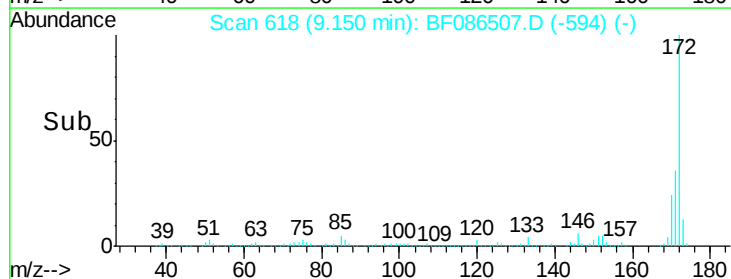
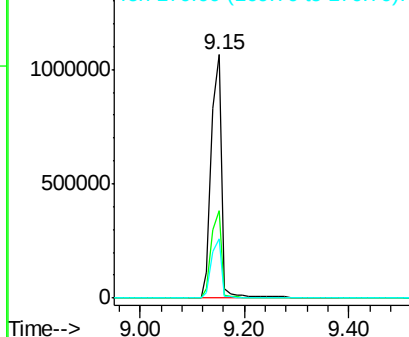


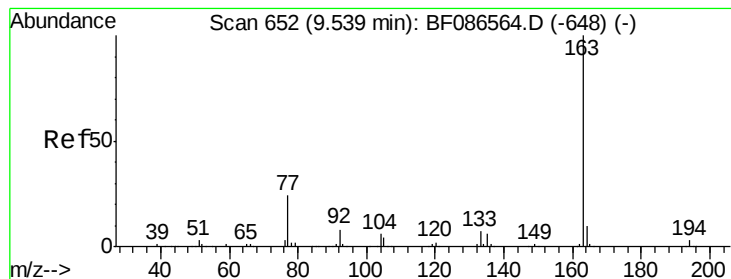
#44
 2-Fluorobiphenyl
 Concen: 108.21 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF086507.D
 Acq: 29 Apr 2016 22:22

Tgt Ion:172 Resp: 1487893
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.2 19.8 29.8



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





#49

Dimethylphthalate

Concen: 8.98 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.03 min

Lab File: BF086507.D

Acq: 29 Apr 2016 22:22

Instrument :

BNA_F

ClientSampleId :

IM-TOPSOIL-006

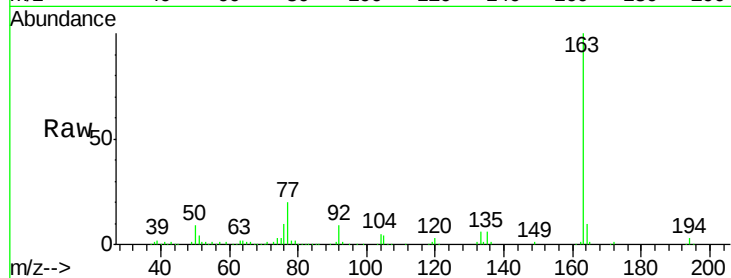
Tot Ion:163 Resp: 172055

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

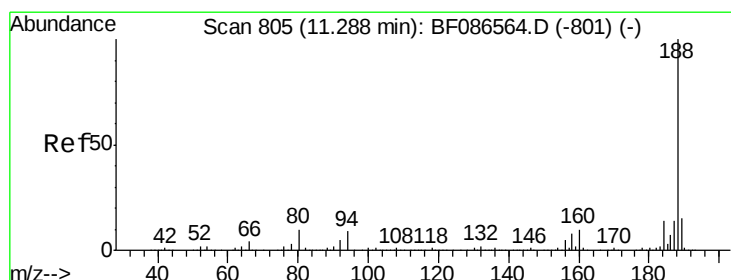
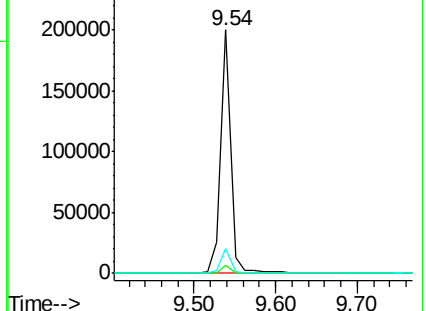
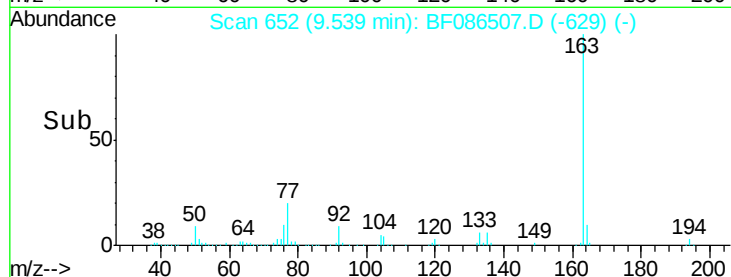
164 9.9 8.2 12.4



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: BF086507.D

Acq: 29 Apr 2016 22:22

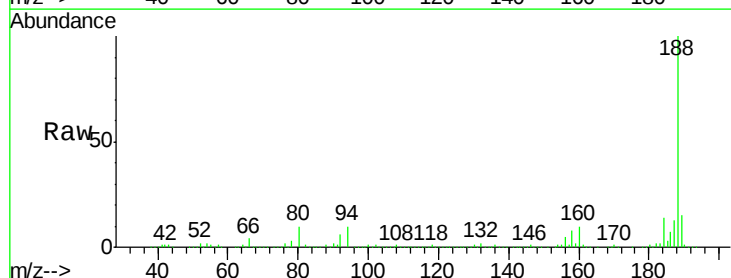
Tgt Ion:188 Resp: 411604

Ion Ratio Lower Upper

188 100

94 9.7 6.8 10.2

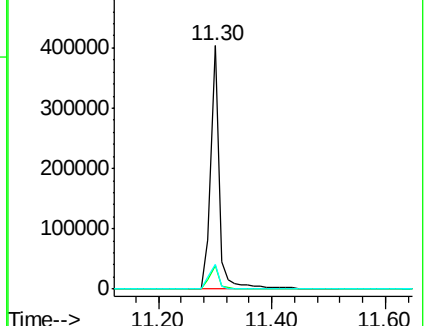
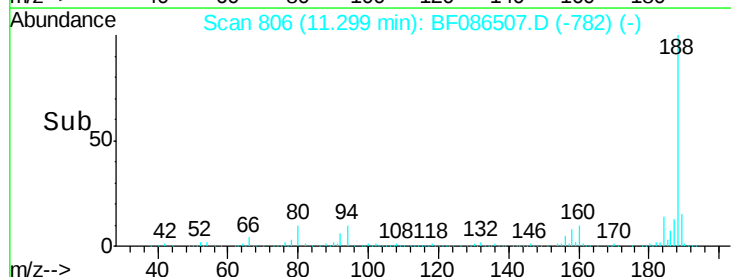
80 10.0 7.1 10.7

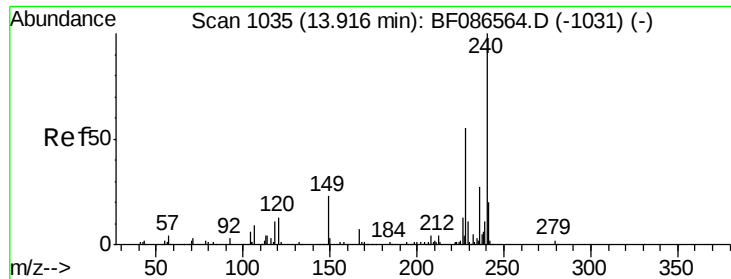


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

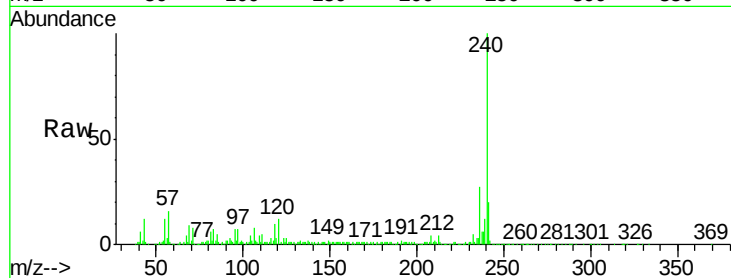




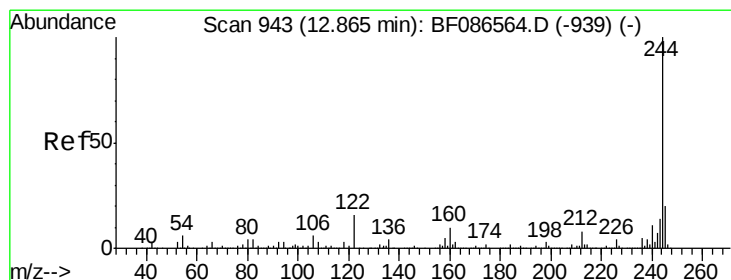
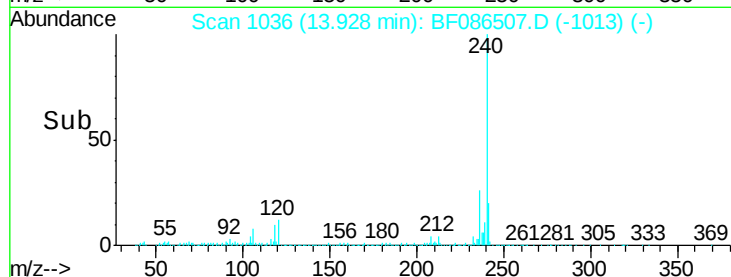
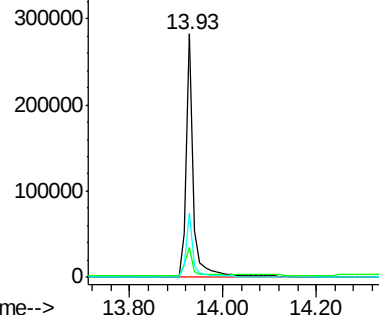
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.03 min
 Lab File: BF086507.D
 Acq: 29 Apr 2016 22:22

Instrument :
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Tot Ion:240 Resp: 318354
 Ion Ratio Lower Upper
 240 100
 120 12.4 11.2 16.8
 236 26.6 21.2 31.8

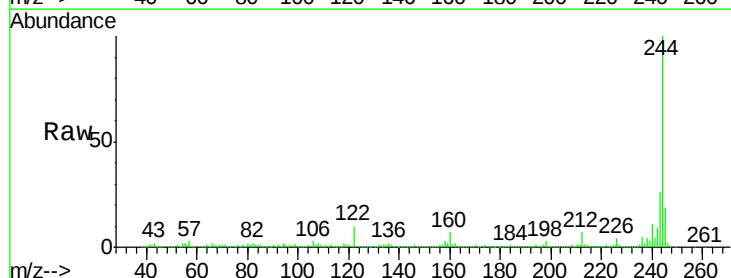


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

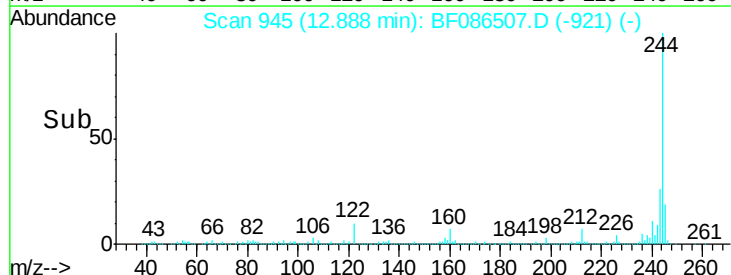
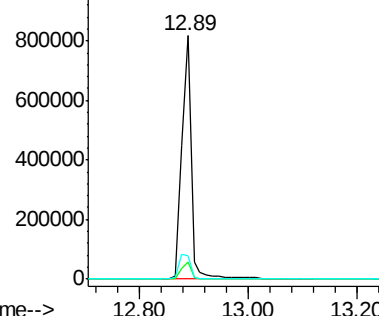


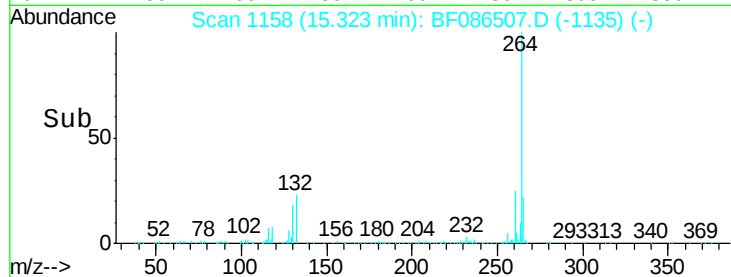
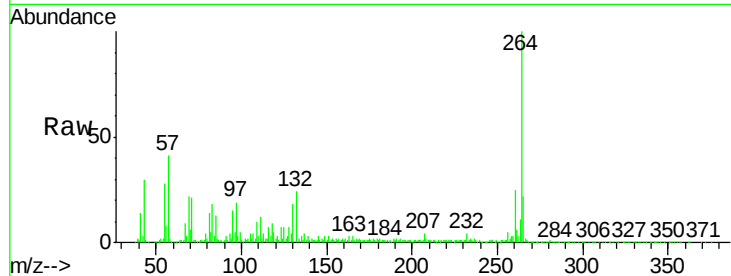
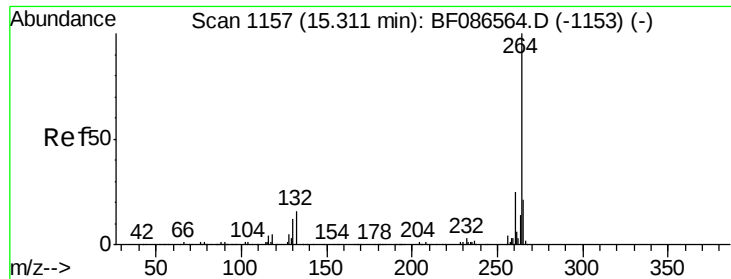
#78
 Terphenyl-d14
 Concen: 68.37 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.02 min
 Lab File: BF086507.D
 Acq: 29 Apr 2016 22:22

Tgt Ion:244 Resp: 988013
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 9.7 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: BF086507.D
 Acq: 29 Apr 2016 22:22

Instrument :
 BNA_F
 ClientSampleId :
 IM-TOPSOIL-006

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	22.0	17.3	25.9

