

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042315\
 Data File : BF078768.D
 Acq On : 24 Apr 2015 3:46
 Operator : TP/IZ
 Sample : G1979-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PIT

Quant Time: Apr 24 04:27:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 04:11:59 2015
 Response via : Initial Calibration

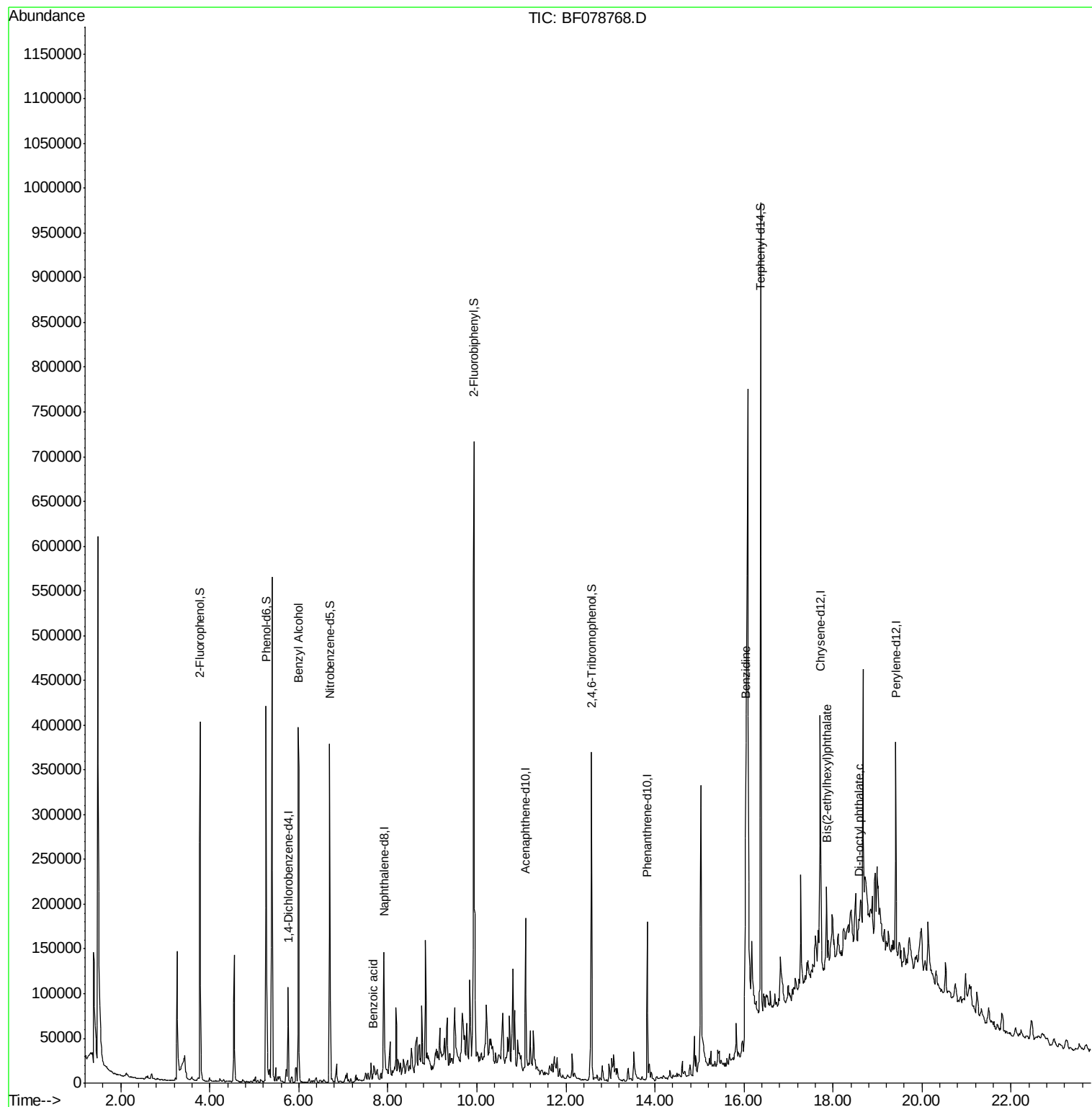
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	23257	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	95127	20.00	ng	0.00
38) Acenaphthene-d10	11.10	164	46750	20.00	ng	0.00
63) Phenanthrene-d10	13.83	188	94002	20.00	ng	0.00
75) Chrysene-d12	17.71	240	100868	20.00	ng	0.00
86) Perylene-d12	19.41	264	103834	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	3.78	112	169828	120.40	ng	0.01
7) Phenol-d6	5.27	99	203143	114.92	ng	0.00
23) Nitrobenzene-d5	6.70	82	156822	99.92	ng	0.00
41) 2,4,6-Tribromophenol	12.57	330	60792	156.79	ng	0.00
44) 2-Fluorobiphenyl	9.93	172	335054	102.45	ng	0.00
78) Terphenyl-d14	16.38	244	391068	87.61	ng	0.00
Target Compounds						
15) Benzyl Alcohol	5.99	79	2517	2.03	ng	Qvalue # 59
32) Benzoic acid	7.68	122	479	6.41	ng	87
76) Benzidine	16.05	184	11765	3.03	ng	# 91
83) Bis(2-ethylhexyl)phthalate	17.85	149	26061	6.89	ng	# 98
84) Di-n-octyl phthalate	18.59	149	19473	3.13	ng	# 100

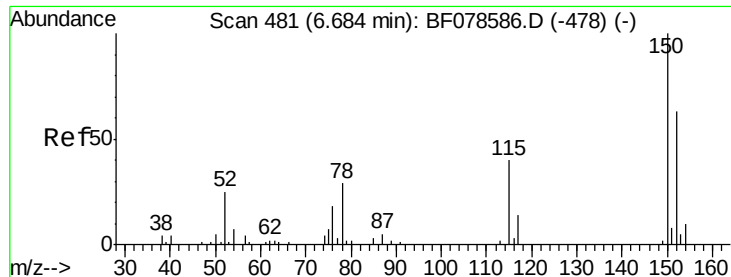
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.76 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF078768.D

Acq: 24 Apr 2015 3:46

Instrument :

BNA_F

ClientSampleId :

SOIL-PIT

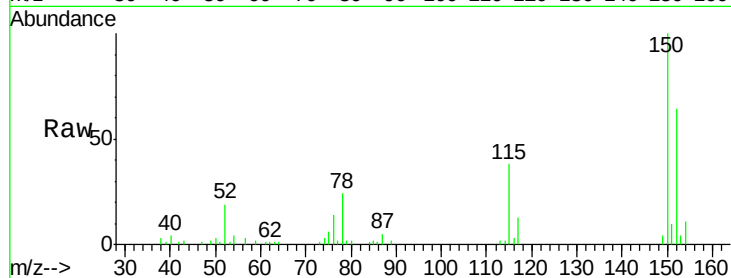
Tgt Ion:152 Resp: 23257

Ion Ratio Lower Upper

152 100

150 155.2 125.9 188.9

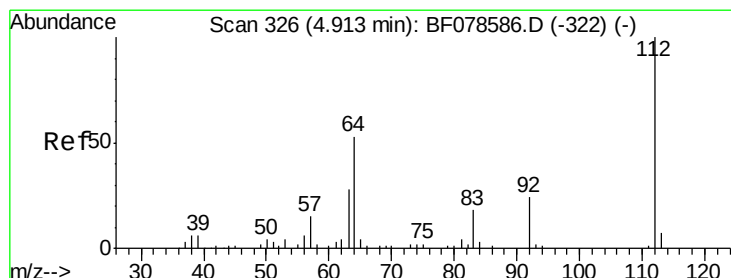
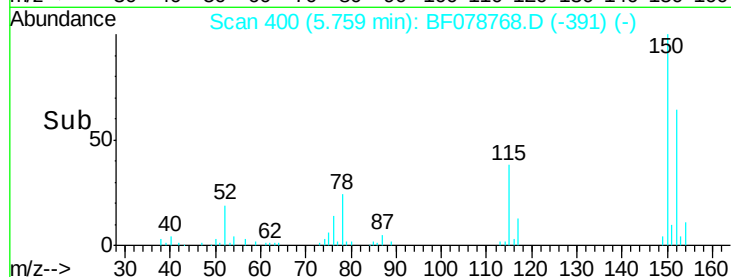
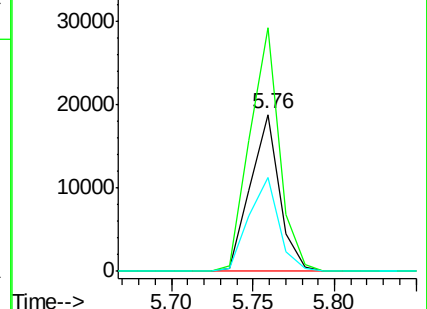
115 59.8 52.7 79.1



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: 120.40 ng

RT: 3.78 min Scan# 227

Delta R.T. 0.01 min

Lab File: BF078768.D

Acq: 24 Apr 2015 3:46

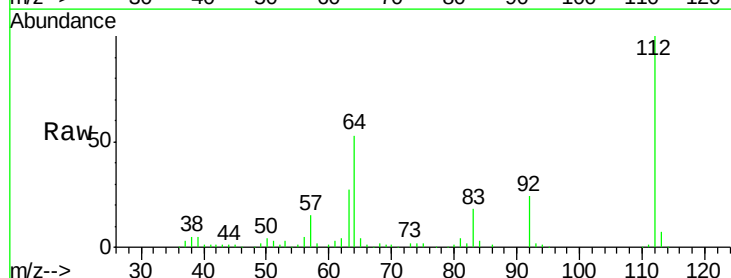
Tgt Ion:112 Resp: 169828

Ion Ratio Lower Upper

112 100

64 53.1 39.9 59.9

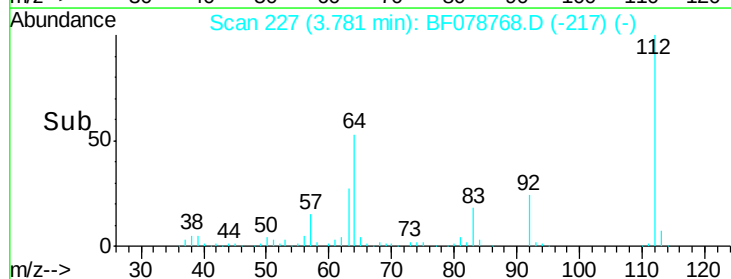
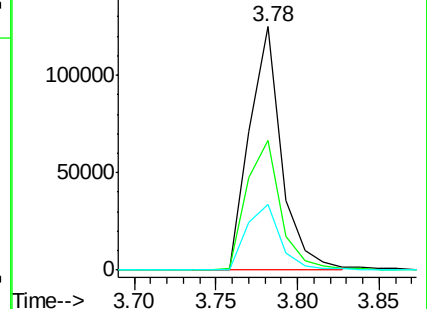
63 27.1 20.2 30.4

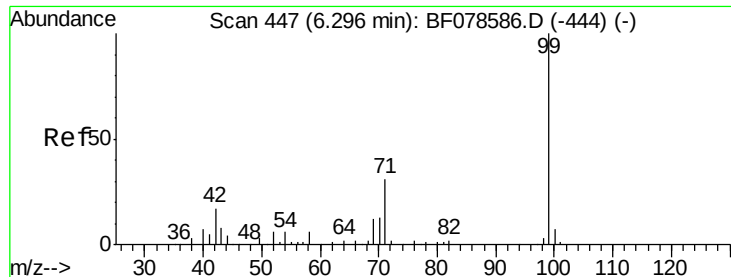


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.92 ng

RT: 5.27 min Scan# 357

Delta R.T. -0.00 min

Lab File: BF078768.D

Acq: 24 Apr 2015 3:46

Instrument :

BNA_F

ClientSampleId :

SOIL-PIT

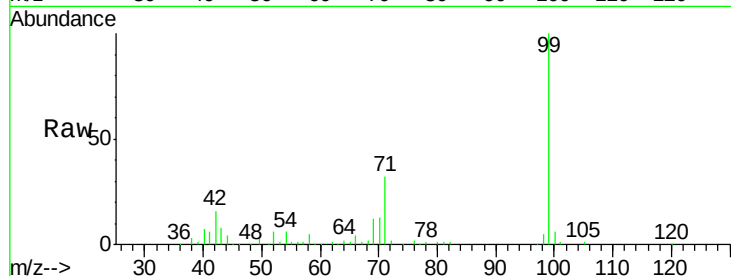
Tgt Ion: 99 Resp: 203143

Ion Ratio Lower Upper

99 100

42 15.8 14.8 22.2

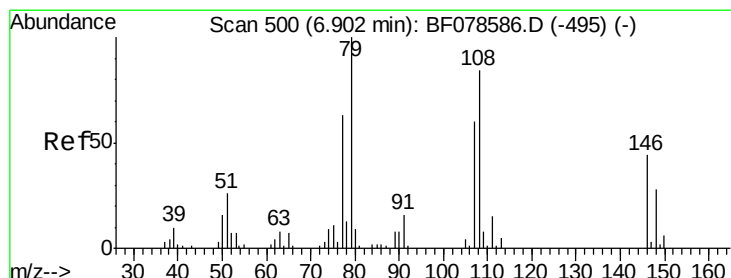
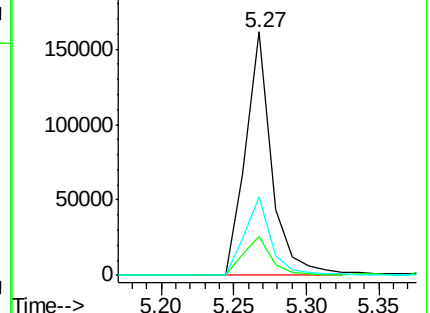
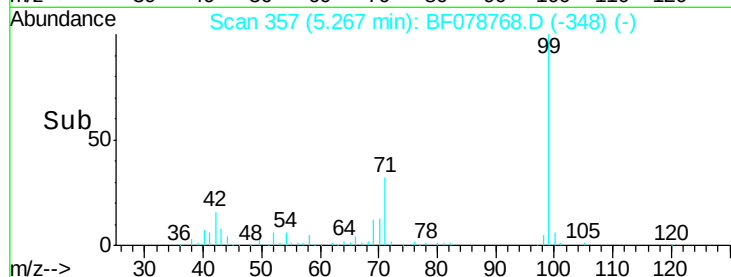
71 32.3 26.6 39.8



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



#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 5.99 min Scan# 420

Delta R.T. -0.05 min

Lab File: BF078768.D

Acq: 24 Apr 2015 3:46

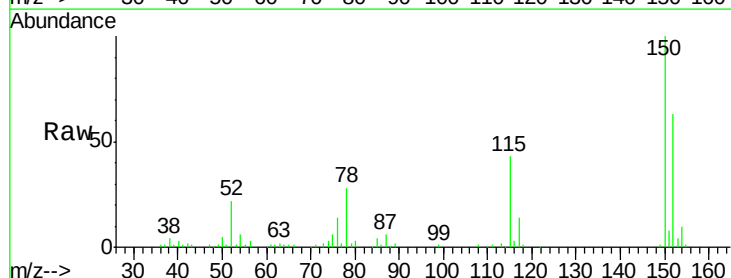
Tgt Ion: 79 Resp: 2517

Ion Ratio Lower Upper

79 100

108 31.9 57.6 86.4#

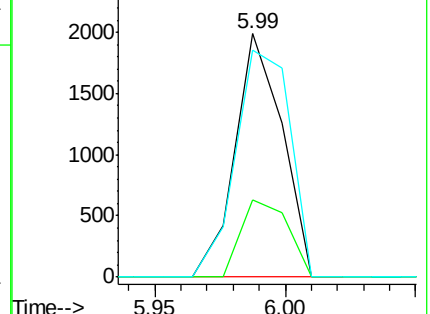
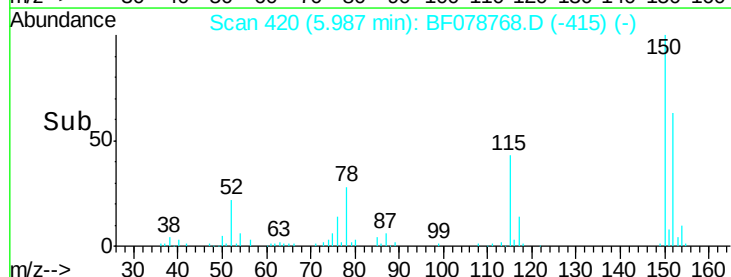
77 93.4 53.5 80.3#

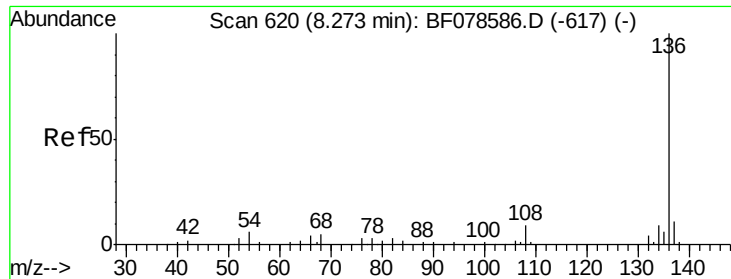


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

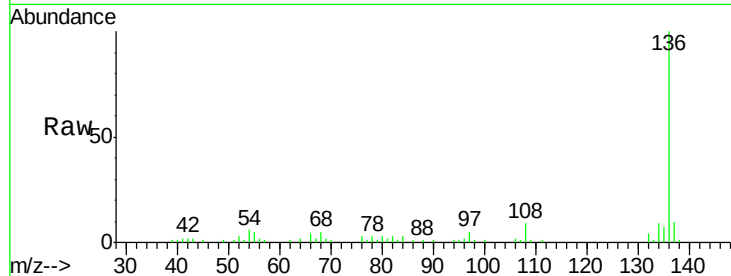




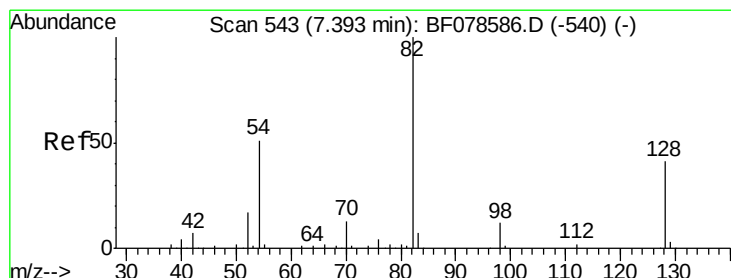
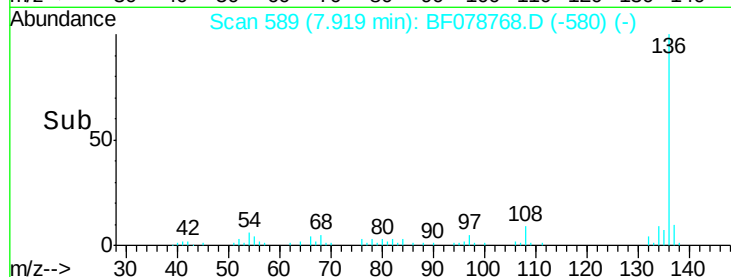
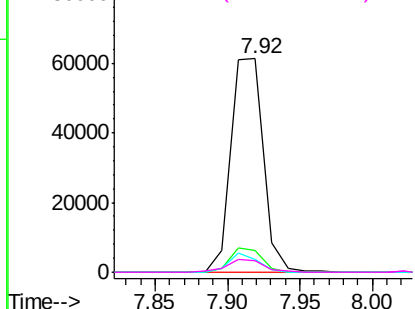
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF078768.D
Acq: 24 Apr 2015 3:46

Instrument :
BNA_F
ClientSampleId :
SOIL-PIT

Tgt Ion:	136	Resp:	95127
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.4
54	6.2	7.0	10.6#
68	5.3	5.4	8.2#

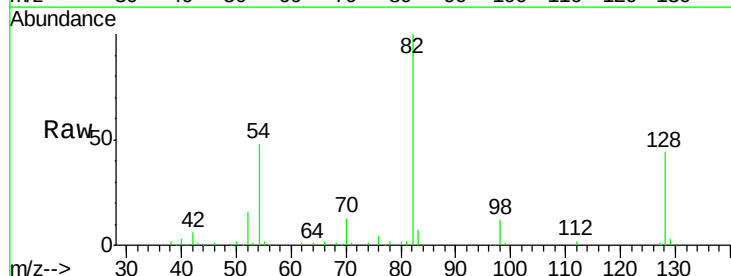


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

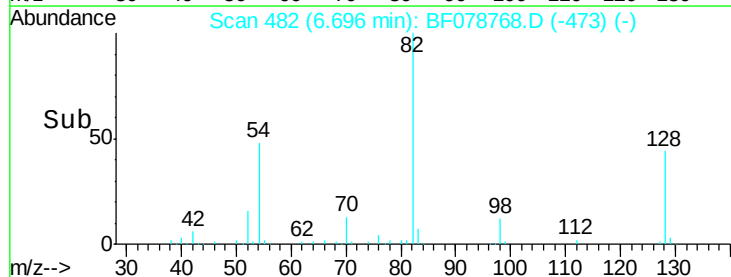
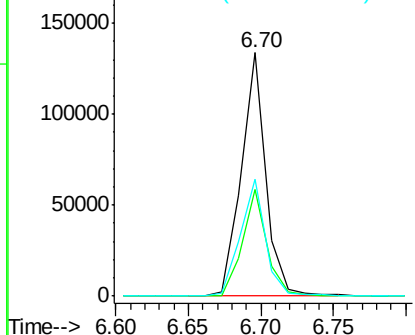


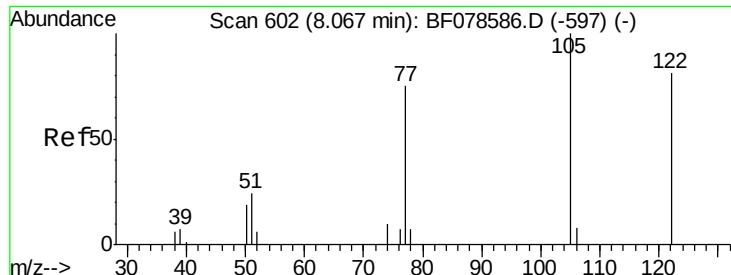
#23
Nitrobenzene-d5
Concen: 99.92 ng
RT: 6.70 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF078768.D
Acq: 24 Apr 2015 3:46

Tgt Ion:	82	Resp:	156822
Ion	Ratio	Lower	Upper
82	100		
128	43.7	31.8	47.8
54	48.1	41.5	62.3



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

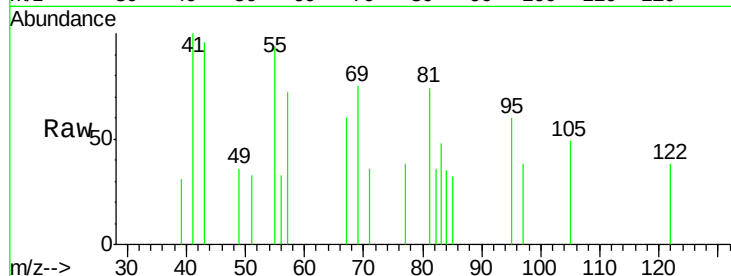




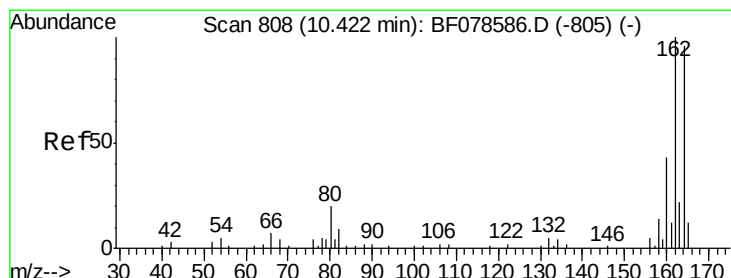
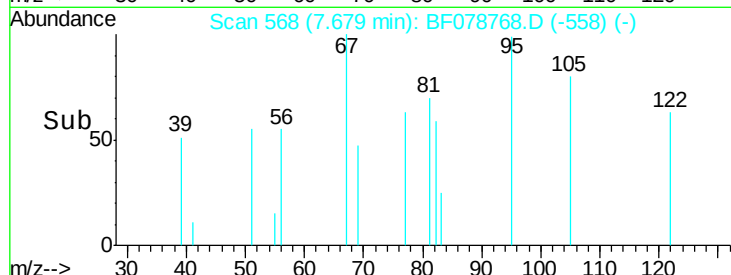
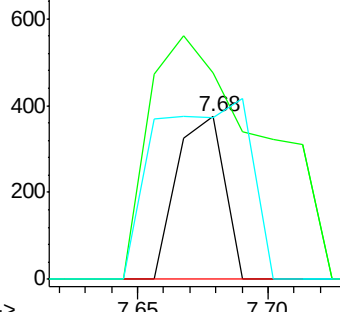
#32
Benzoic acid
Concen: 6.41 ng
RT: 7.68 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF078768.D
Acq: 24 Apr 2015 3:46

Instrument :
BNA_F
ClientSampleId :
SOIL-PIT

Tgt Ion:122 Resp: 479
Ion Ratio Lower Upper
122 100
105 126.7 96.1 136.1
77 99.5 64.1 104.1

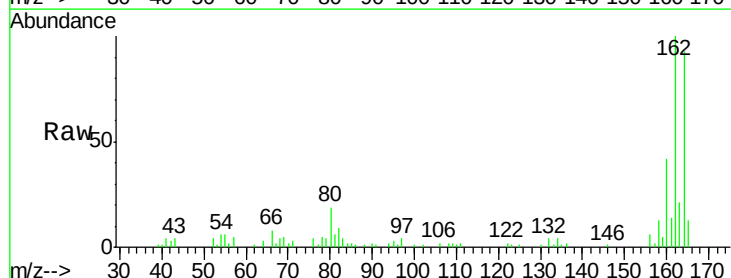


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

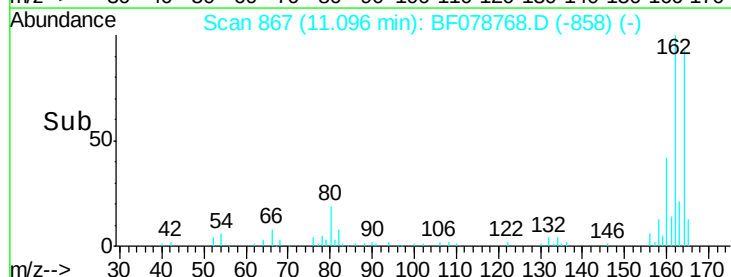
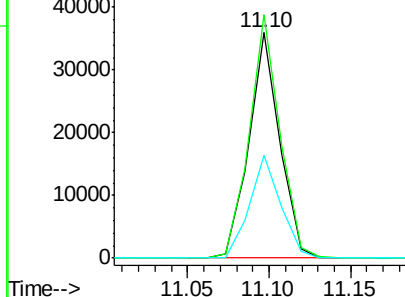


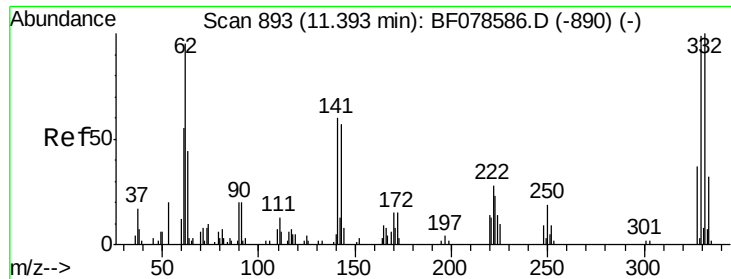
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF078768.D
Acq: 24 Apr 2015 3:46

Tgt Ion:164 Resp: 46750
Ion Ratio Lower Upper
164 100
162 108.1 82.2 123.2
160 45.7 34.7 52.1



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

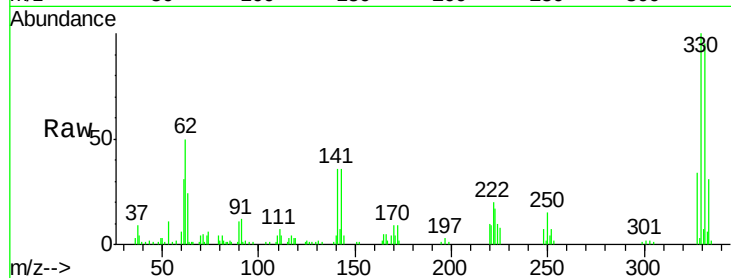




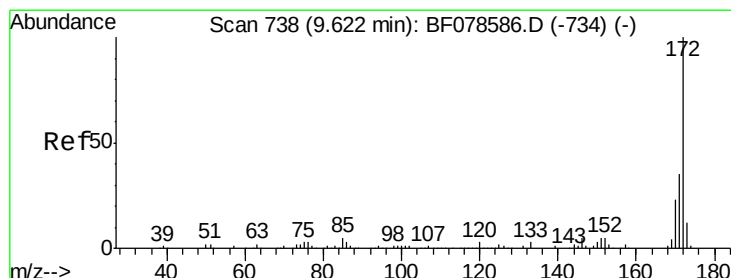
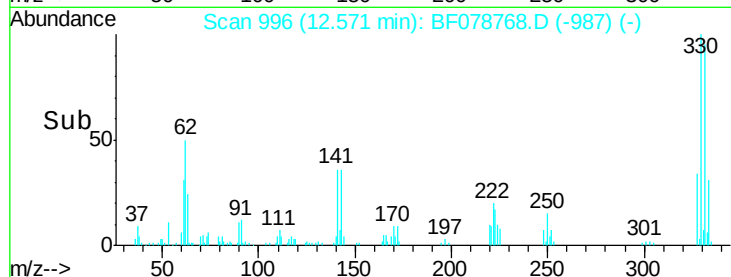
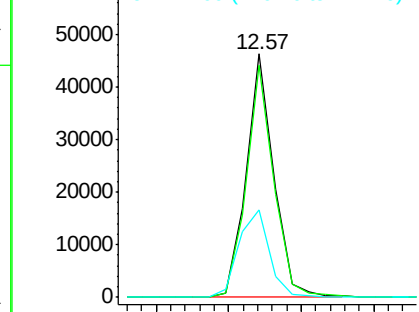
#41
 2,4,6-Tribromophenol
 Concen: 156.79 ng
 RT: 12.57 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BF078768.D
 Acq: 24 Apr 2015 3:46

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PIT

Tgt Ion:330 Resp: 60792
 Ion Ratio Lower Upper
 330 100
 332 95.1 78.6 117.8
 141 40.2 31.2 46.8

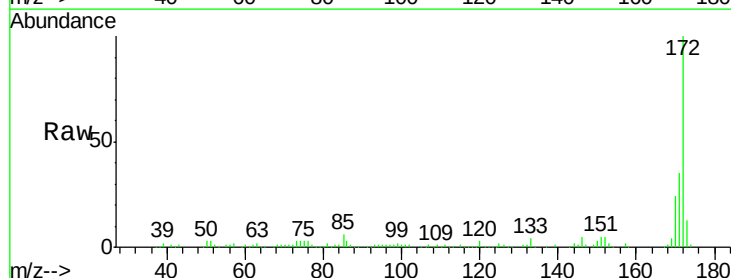


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

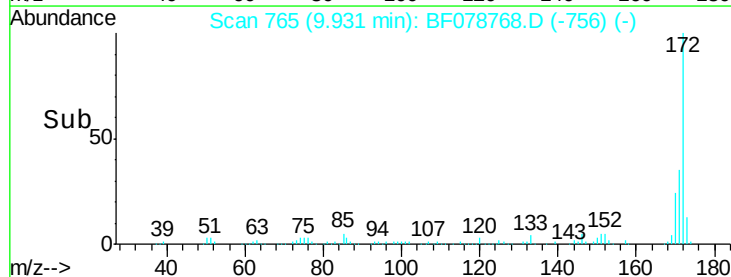
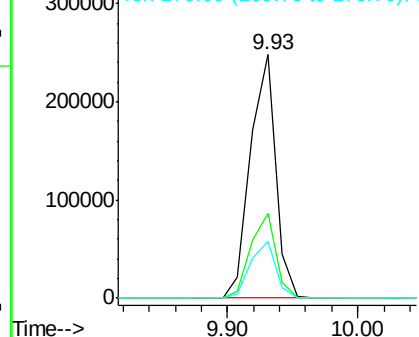


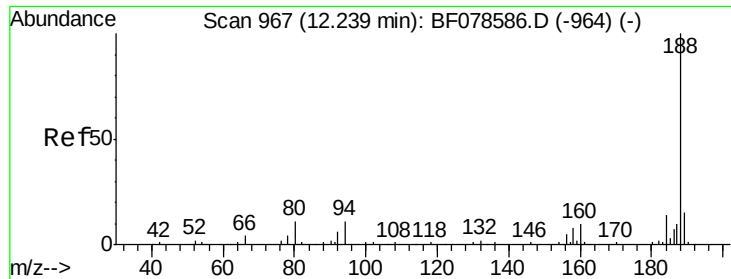
#44
 2-Fluorobiphenyl
 Concen: 102.45 ng
 RT: 9.93 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF078768.D
 Acq: 24 Apr 2015 3:46

Tgt Ion:172 Resp: 335054
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.6 42.8
 170 23.5 18.5 27.7



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

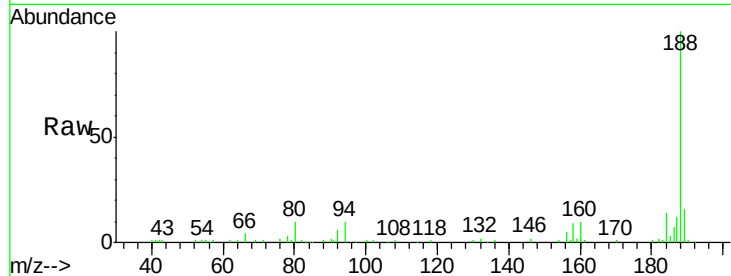




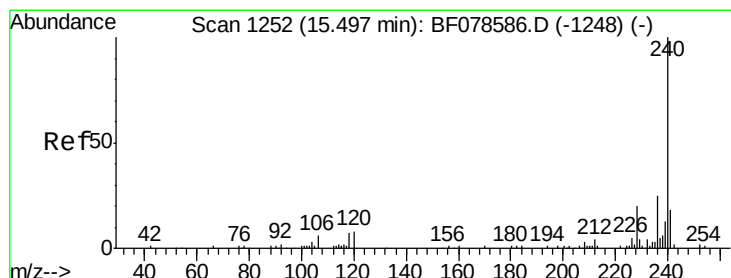
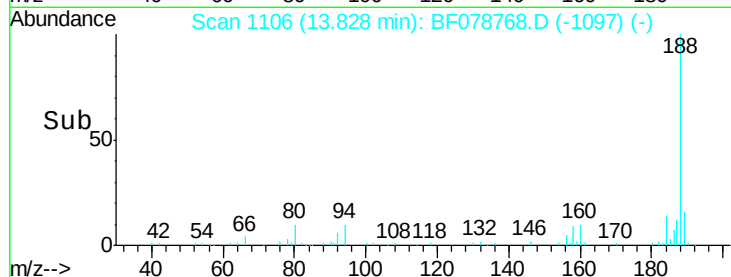
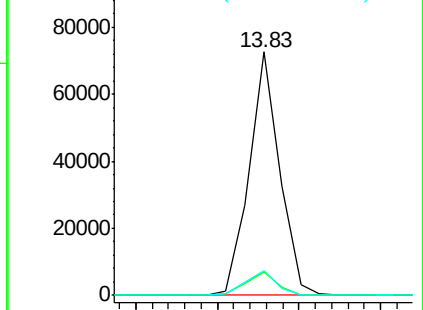
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.83 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BF078768.D
Acq: 24 Apr 2015 3:46

Instrument :
BNA_F
ClientSampleId :
SOIL-PIT

Tgt Ion:188 Resp: 94002
Ion Ratio Lower Upper
188 100
94 9.7 9.0 13.4
80 10.0 9.5 14.3

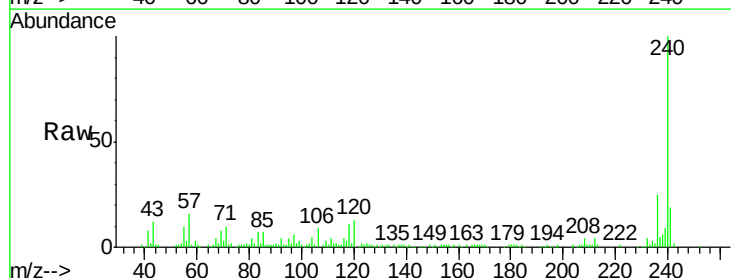


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

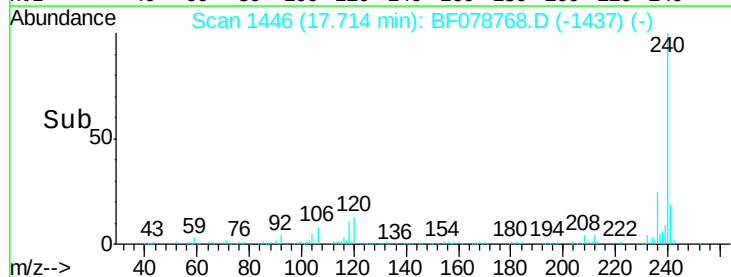
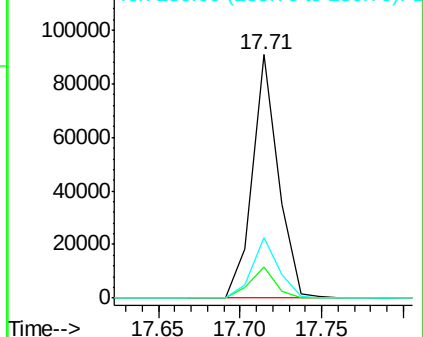


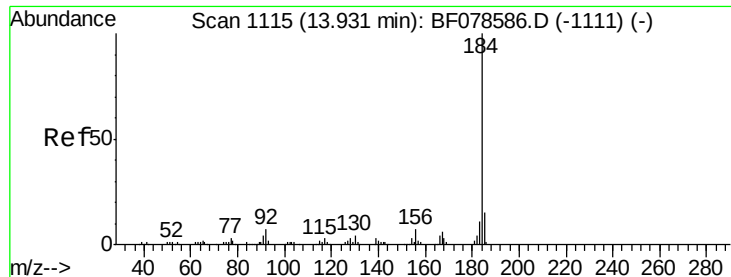
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.71 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF078768.D
Acq: 24 Apr 2015 3:46

Tgt Ion:240 Resp: 100868
Ion Ratio Lower Upper
240 100
120 12.9 7.1 10.7#
236 25.1 21.4 32.2



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





#76

Benzidine

Concen: 3.03 ng

RT: 16.05 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF078768.D

Acq: 24 Apr 2015 3:46

Instrument :

BNA_F

ClientSampled :

SOIL-PIT

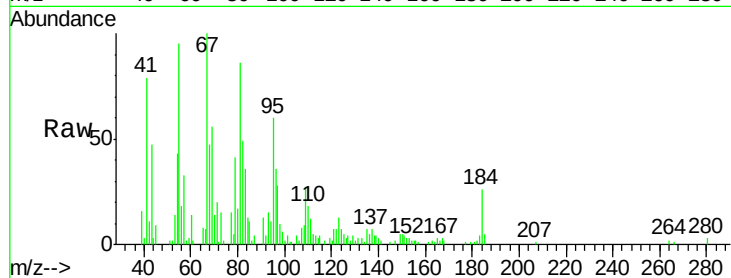
Tgt Ion:184 Resp: 11765

Ion Ratio Lower Upper

184 100

185 20.4 12.2 18.2#

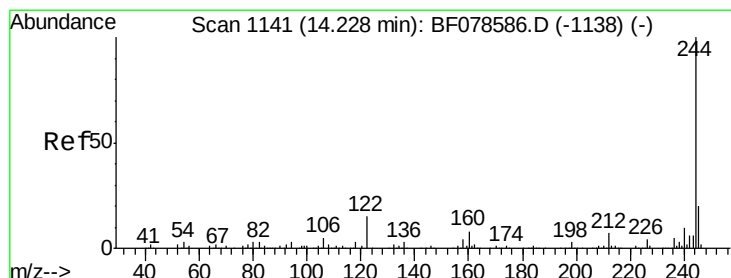
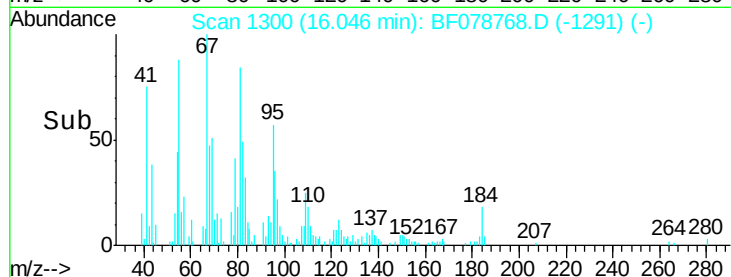
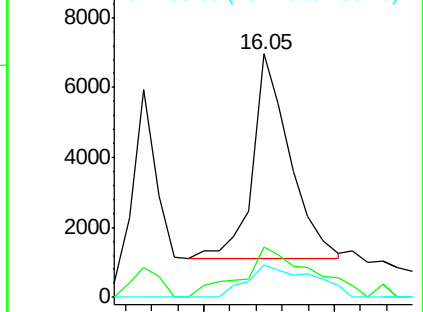
183 13.5 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 87.61 ng

RT: 16.38 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF078768.D

Acq: 24 Apr 2015 3:46

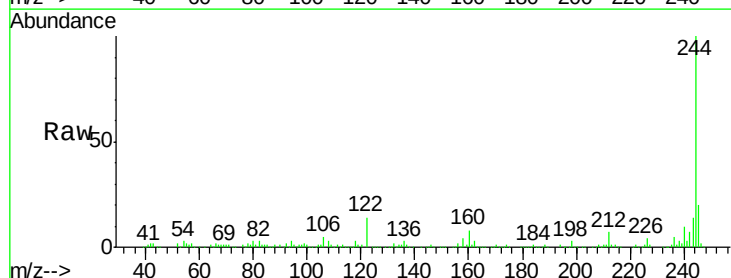
Tgt Ion:244 Resp: 391068

Ion Ratio Lower Upper

244 100

212 7.2 5.0 7.4

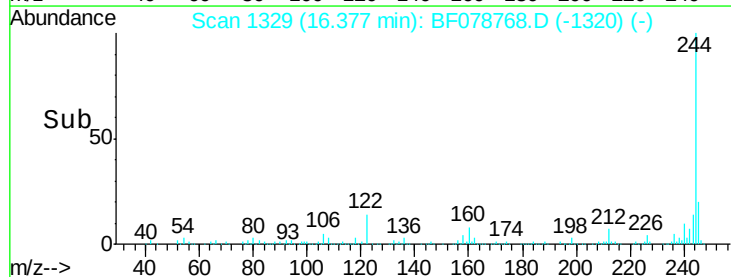
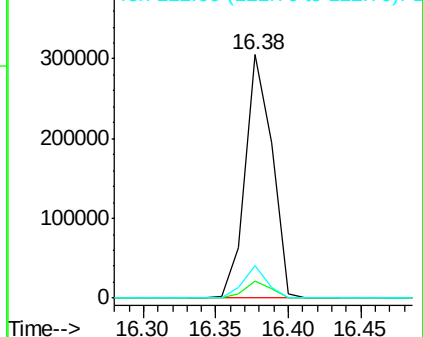
122 13.6 7.1 10.7#

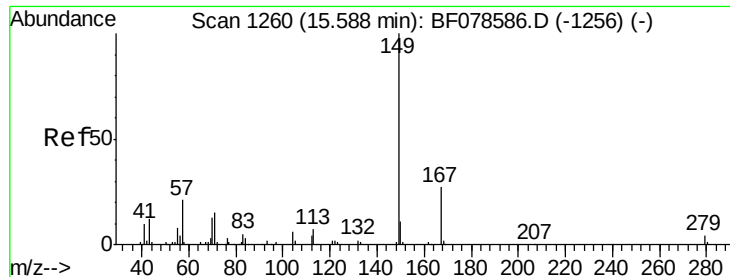


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 6.89 ng

RT: 17.85 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BF078768.D

Acq: 24 Apr 2015 3:46

Instrument :

BNA_F

ClientSampleId :

SOIL-PIT

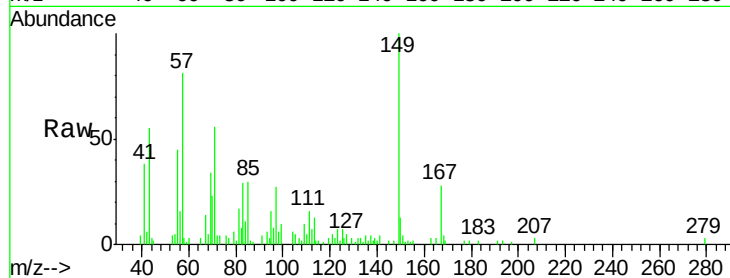
Tgt Ion:149 Resp: 26061

Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.2

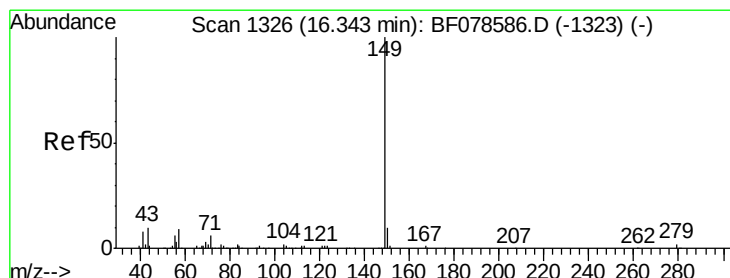
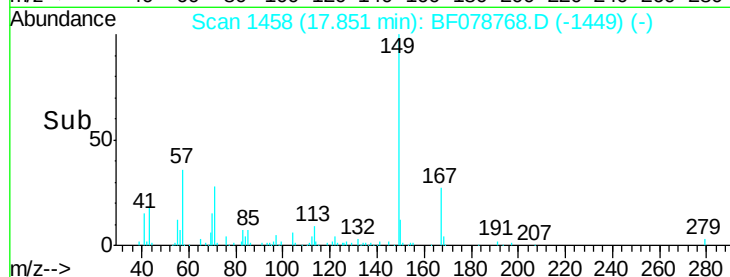
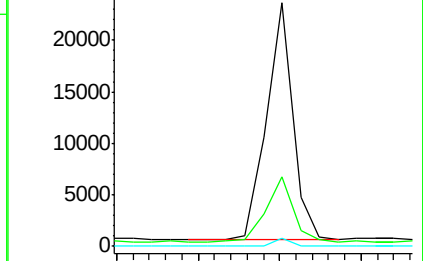
279 3.1 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 3.13 ng

RT: 18.59 min Scan# 1523

Delta R.T. -0.03 min

Lab File: BF078768.D

Acq: 24 Apr 2015 3:46

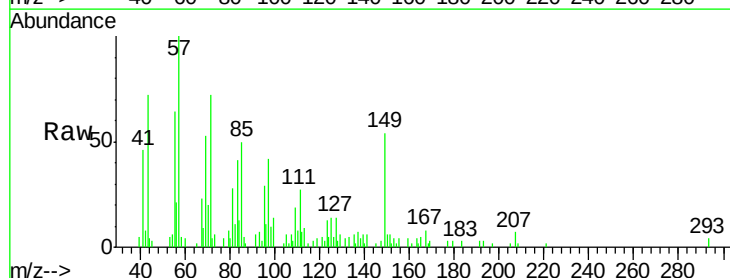
Tgt Ion:149 Resp: 19473

Ion Ratio Lower Upper

149 100

167 0.0 0.0 0.0

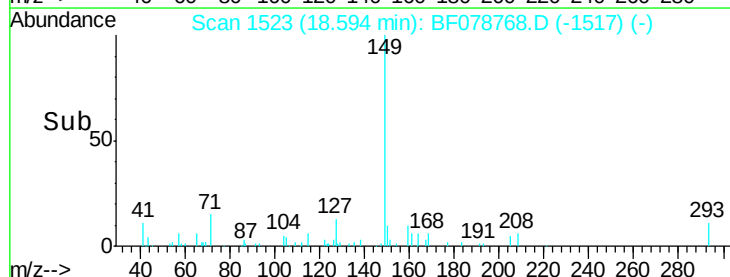
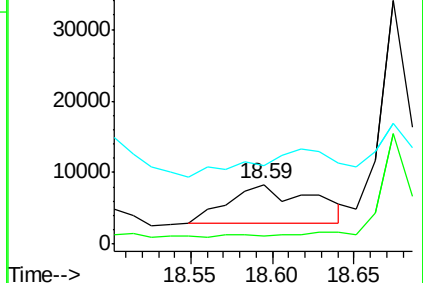
43 0.0 0.0 0.0

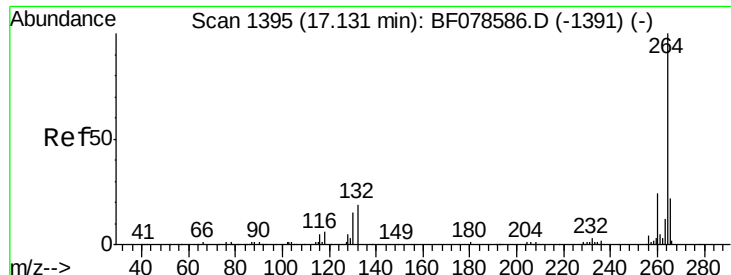


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#86
Perylene-d12
Concen: 20.00 ng
RT: 19.41 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF078768.D
Acq: 24 Apr 2015 3:46

Instrument :
BNA_F
ClientSampleId :
SOIL-PIT

Tgt Ion: 264 Resp: 103834
Ion Ratio Lower Upper
264 100
260 23.1 18.6 27.8
265 21.7 17.0 25.6

