

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075569.D
 Acq On : 16 Nov 2014 4:28
 Operator : TP / JJ
 Sample : F4658-01RE
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-SELR1-28RE

Quant Time: Nov 16 06:17:04 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 18:46:55 2014
 Response via : Initial Calibration

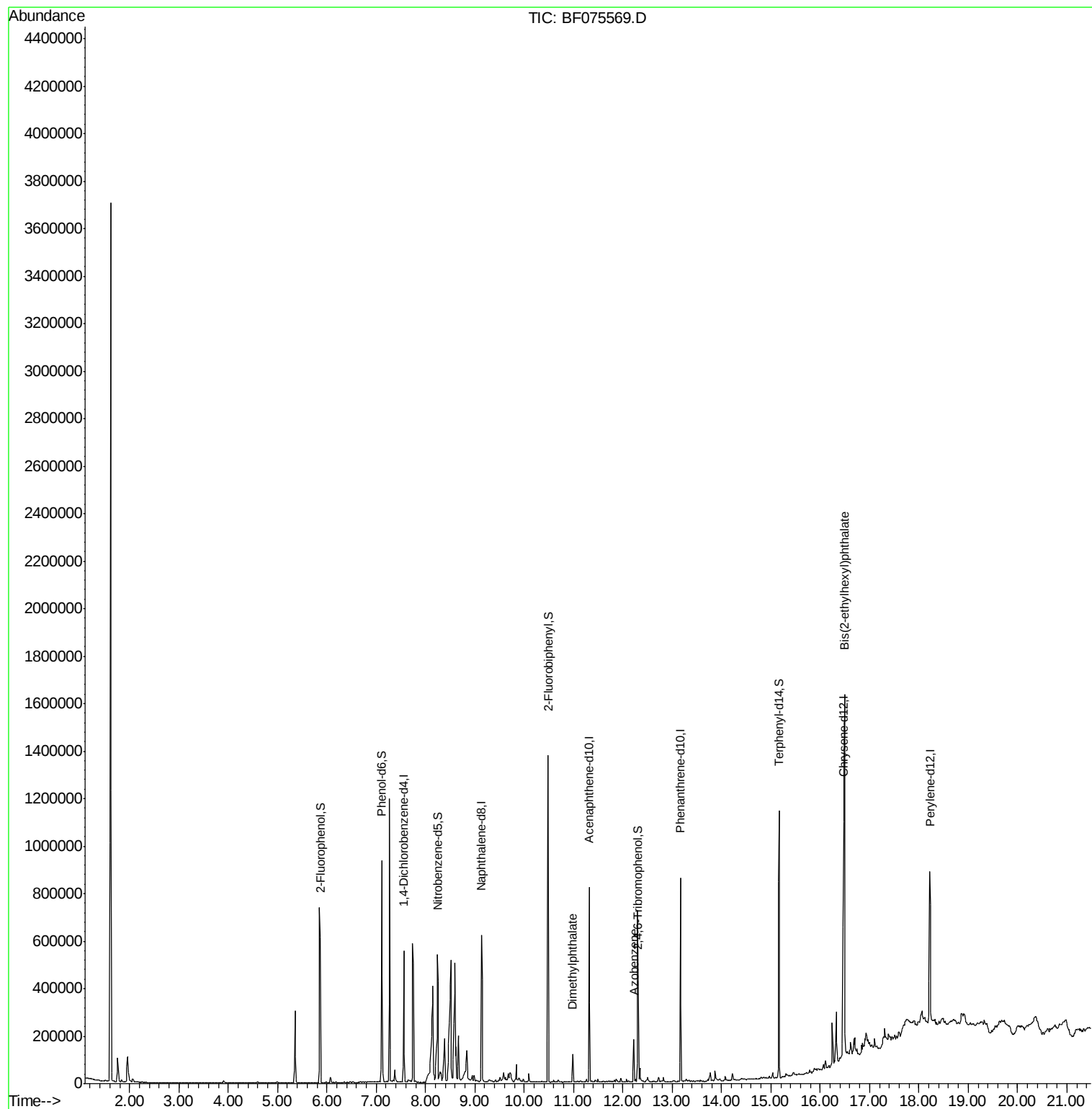
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	85846	20.00	ng	-0.02
21) Naphthalene-d8	9.13	136	361648	20.00	ng	-0.02
38) Acenaphthene-d10	11.32	164	196602	20.00	ng	-0.02
63) Phenanthrene-d10	13.17	188	342639	20.00	ng	-0.02
75) Chrysene-d12	16.47	240	376571	20.00	ng	-0.07
86) Perylene-d12	18.22	264	350597	20.00	ng	-0.22
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	293943	60.49	ng	0.00
7) Phenol-d6	7.11	99	353791	60.54	ng	0.00
23) Nitrobenzene-d5	8.24	82	197765	40.09	ng	-0.02
41) 2,4,6-Tribromophenol	12.31	330	99244	60.27	ng	-0.01
44) 2-Fluorobiphenyl	10.48	172	422881	38.87	ng	-0.01
78) Terphenyl-d14	15.17	244	477841	34.16	ng	-0.02
Target Compounds						
49) Dimethylphthalate	10.98	163	48961	3.64	ng	99
62) Azobenzene	12.22	77	32040	2.61	ng	# 1
83) Bis(2-ethylhexyl)phthalate	16.49	149	637176	32.90	ng	99

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

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QLast Update : Wed Nov 12 18:46:55 2014
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF075569.D

Acq: 16 Nov 2014 4:28

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-SELR1-28RE

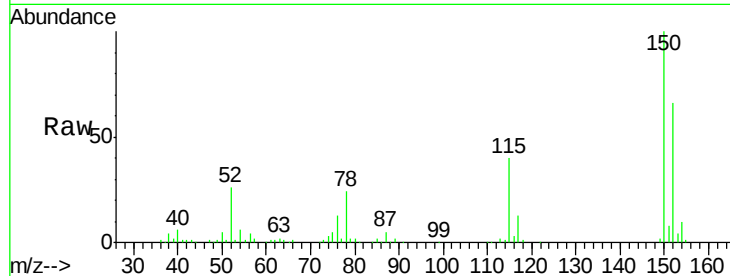
Tgt Ion:152 Resp: 85846

Ion Ratio Lower Upper

152 100

150 152.2 127.2 190.8

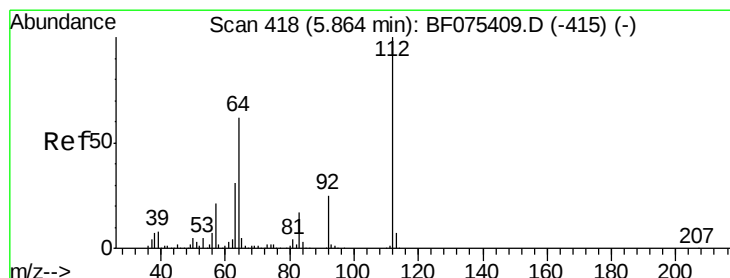
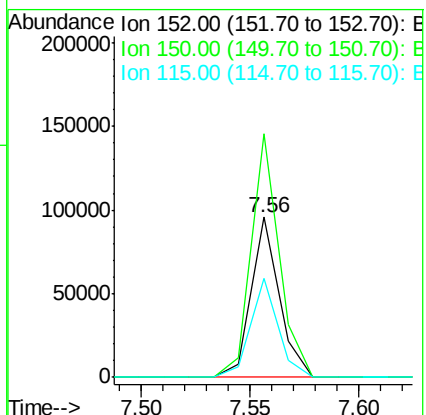
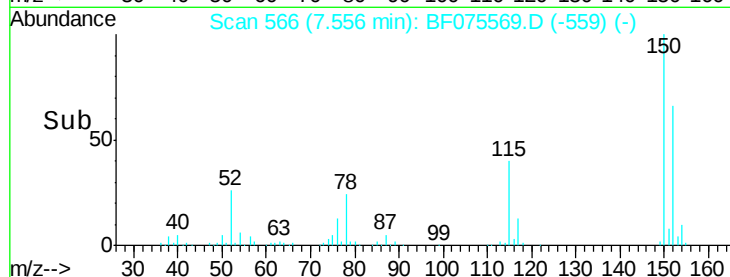
115 61.6 57.1 85.7



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: 60.49 ng

RT: 5.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF075569.D

Acq: 16 Nov 2014 4:28

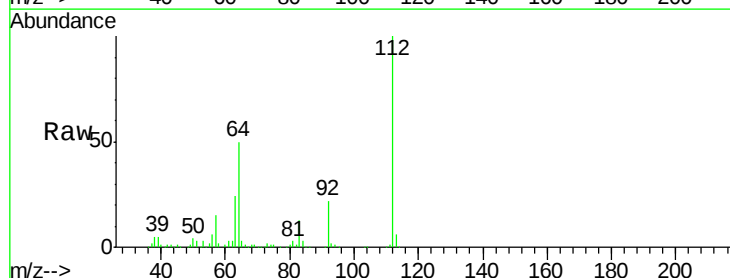
Tgt Ion:112 Resp: 293943

Ion Ratio Lower Upper

112 100

64 50.4 45.8 68.6

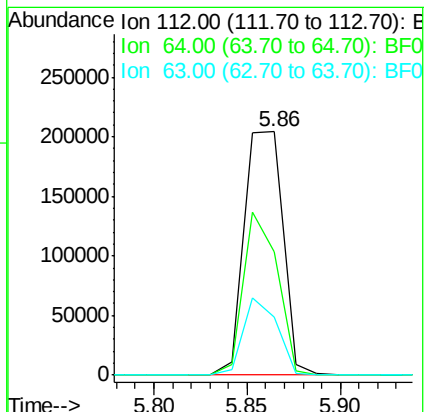
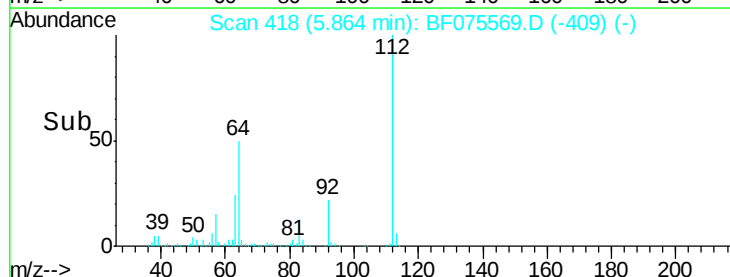
63 24.0 22.7 34.1

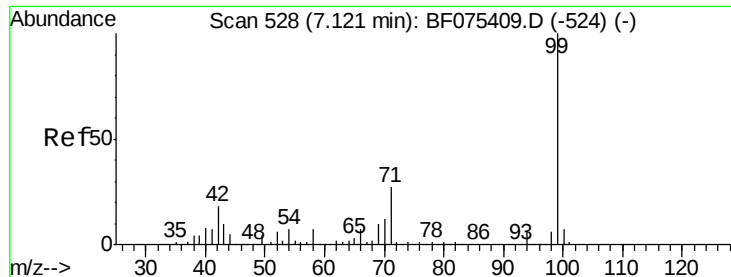


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 60.54 ng

RT: 7.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF075569.D

Acq: 16 Nov 2014 4:28

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-SELR1-28RE

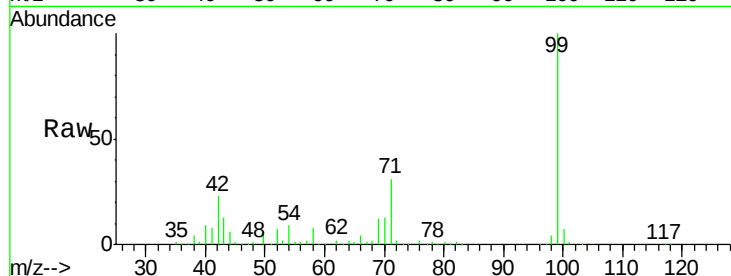
Tgt Ion: 99 Resp: 353791

Ion Ratio Lower Upper

99 100

42 23.4 19.8 29.6

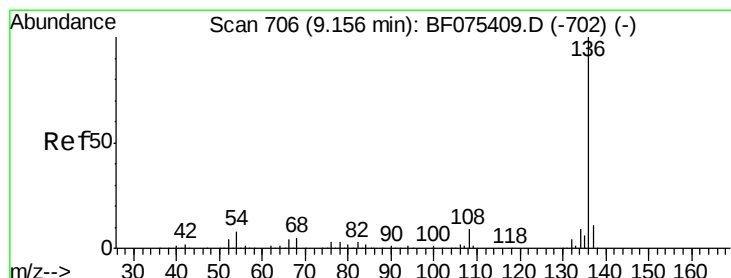
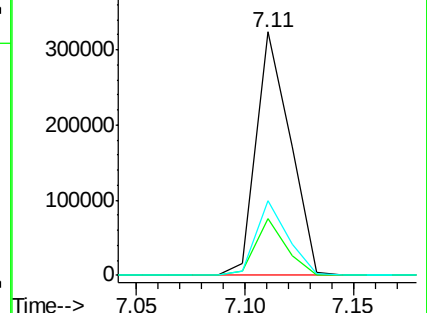
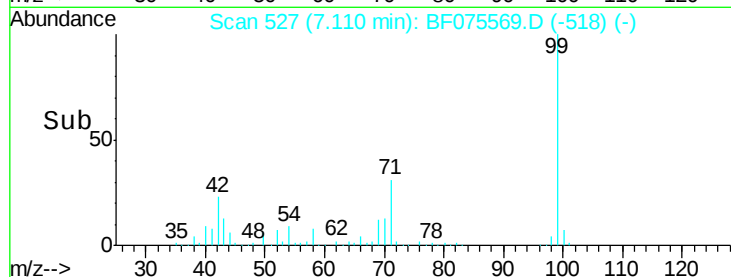
71 30.8 25.5 38.3



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: 9.13 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF075569.D

Acq: 16 Nov 2014 4:28

Tgt Ion: 136 Resp: 361648

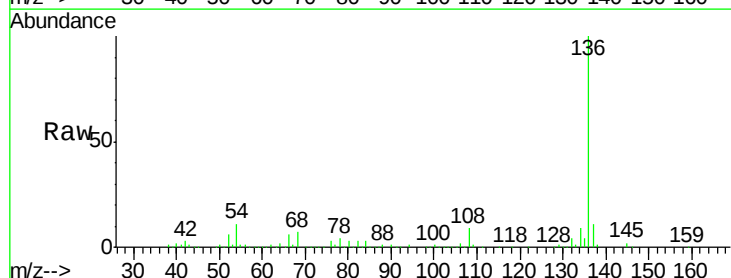
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.4

54 11.5 6.2 9.4#

68 6.8 3.4 5.2#

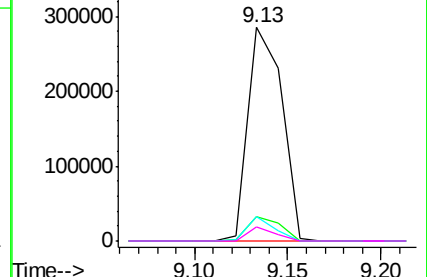
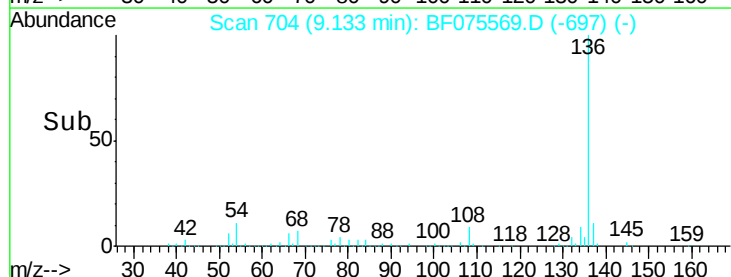


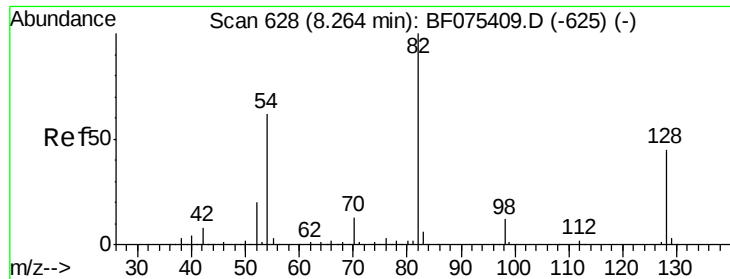
Abundance Ion 136.00 (135.70 to 136.70): E

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

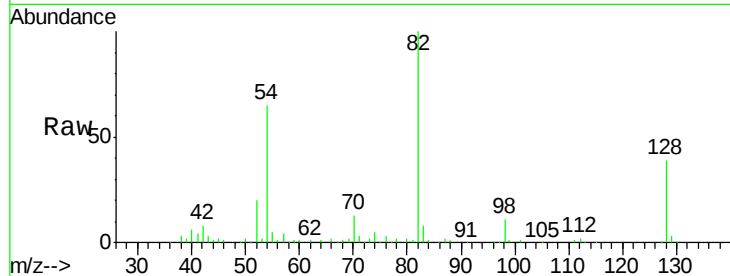




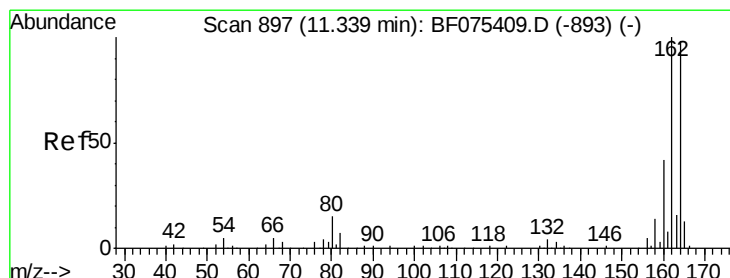
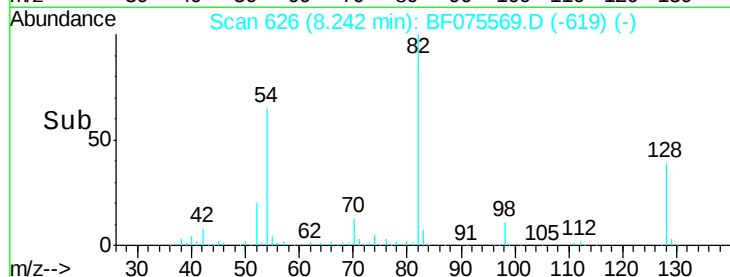
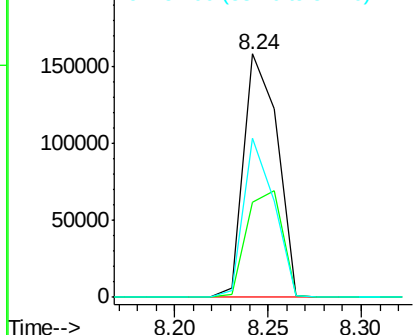
#23
 Nitrobenzene-d5
 Concen: 40.09 ng
 RT: 8.24 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF075569.D
 Acq: 16 Nov 2014 4:28

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-SELR1-28RE

Tgt Ion: 82 Resp: 197765
 Ion Ratio Lower Upper
 82 100
 128 38.9 37.8 56.6
 54 65.3 49.8 74.8

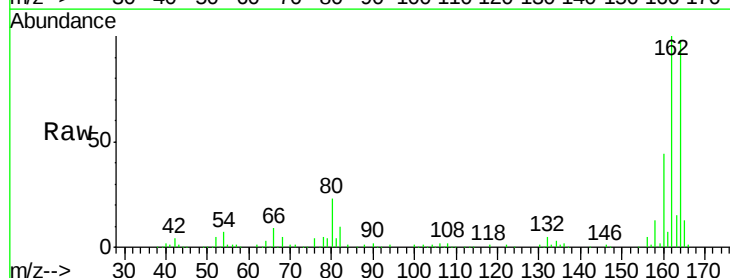


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

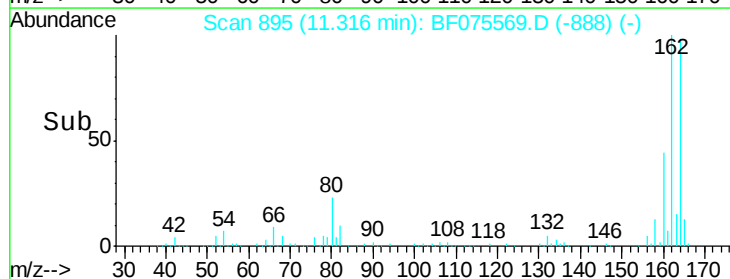
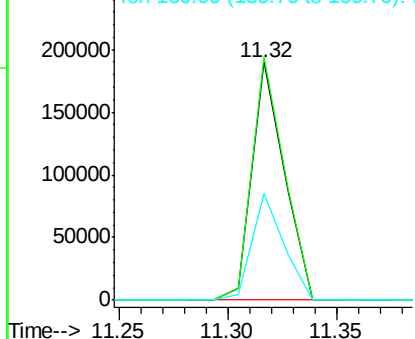


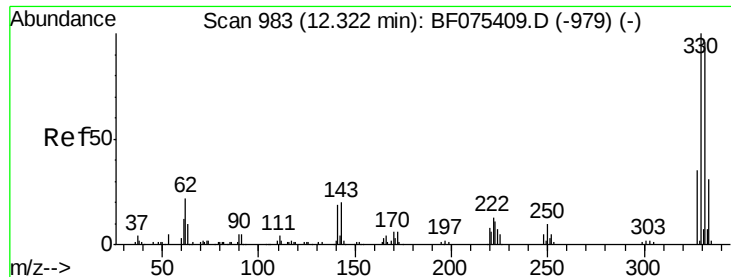
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BF075569.D
 Acq: 16 Nov 2014 4:28

Tgt Ion: 164 Resp: 196602
 Ion Ratio Lower Upper
 164 100
 162 102.1 79.1 118.7
 160 44.9 34.6 51.8



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

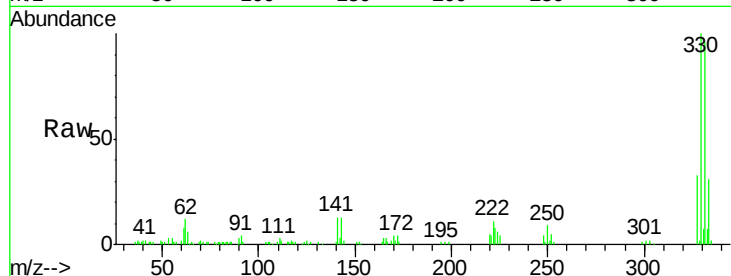




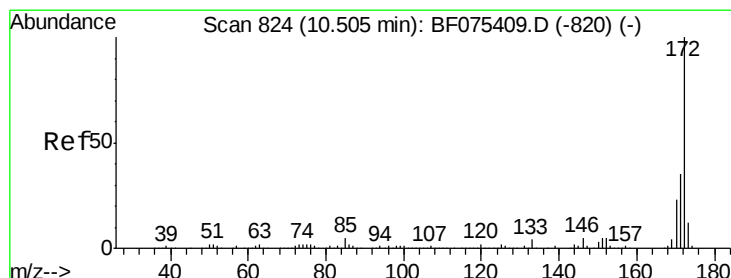
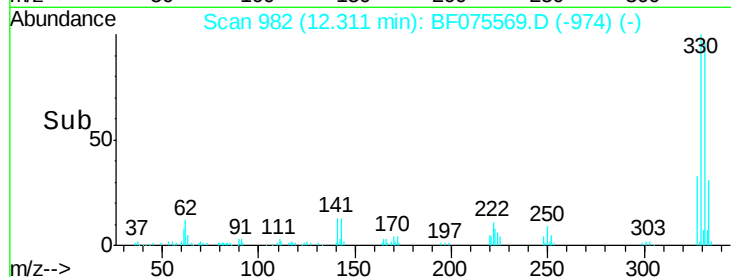
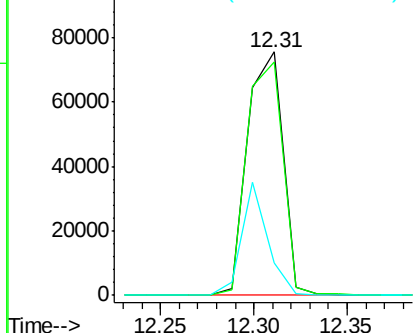
#41
 2,4,6-Tribromophenol
 Concen: 60.27 ng
 RT: 12.31 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF075569.D
 Acq: 16 Nov 2014 4:28

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-SELR1-28RE

Tgt Ion:330 Resp: 99244
 Ion Ratio Lower Upper
 330 100
 332 98.2 74.5 111.7
 141 34.2 30.7 46.1

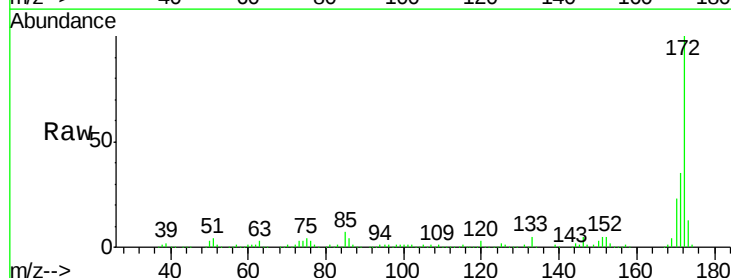


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

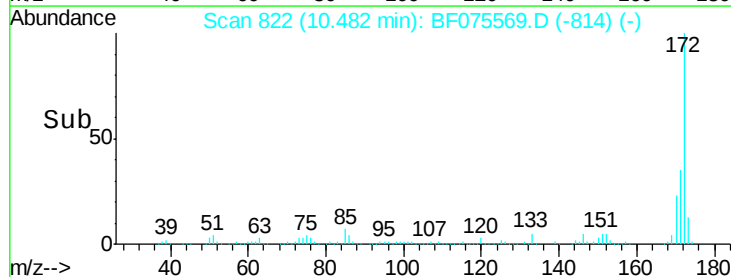
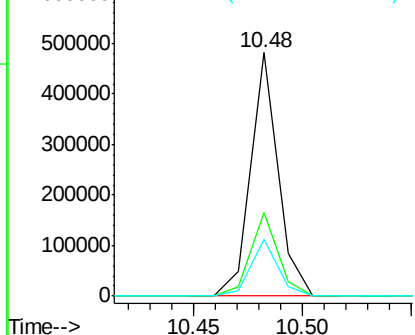


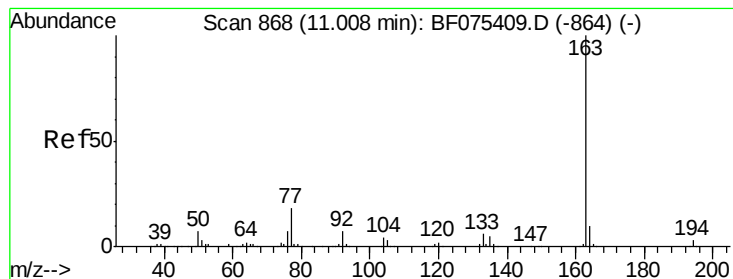
#44
 2-Fluorobiphenyl
 Concen: 38.87 ng
 RT: 10.48 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF075569.D
 Acq: 16 Nov 2014 4:28

Tgt Ion:172 Resp: 422881
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.3 40.9
 170 23.3 18.4 27.6



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: 3.64 ng

RT: 10.98 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF075569.D

Acq: 16 Nov 2014 4:28

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-SELR1-28RE

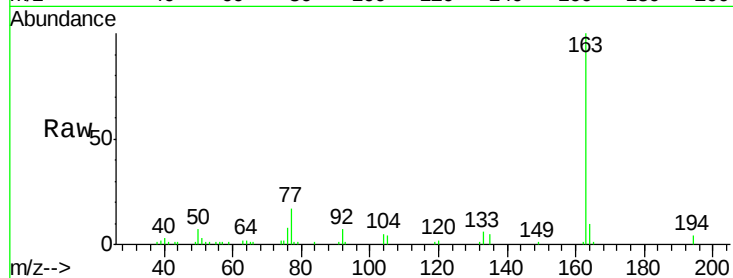
Tgt Ion: 163 Resp: 48961

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

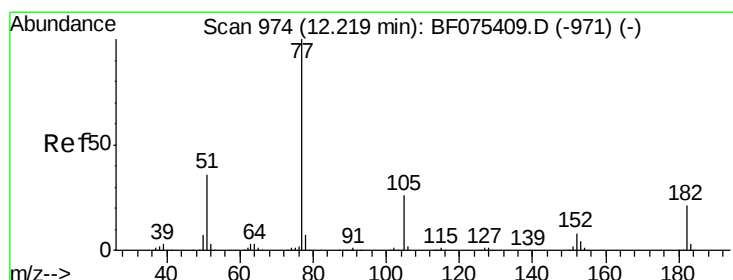
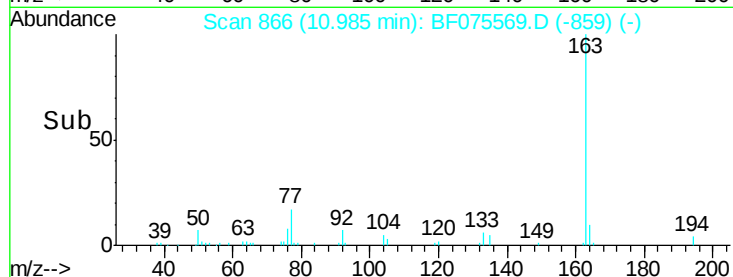
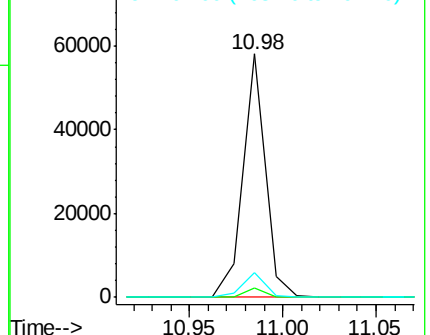
164 10.2 8.0 12.0



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



#62

Azobenzene

Concen: 2.61 ng

RT: 12.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF075569.D

Acq: 16 Nov 2014 4:28

Tgt Ion: 77 Resp: 32040

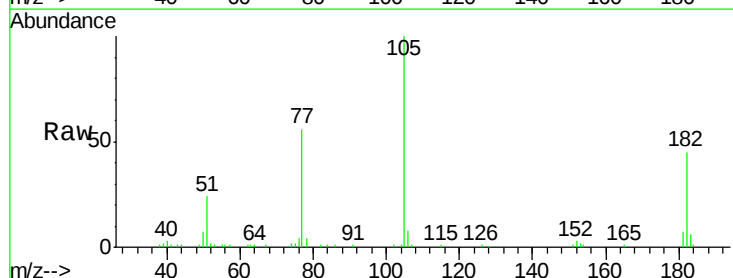
Ion Ratio Lower Upper

77 100

182 79.7 0.0 37.1#

105 177.6 3.7 43.7#

51 43.2 18.7 58.7

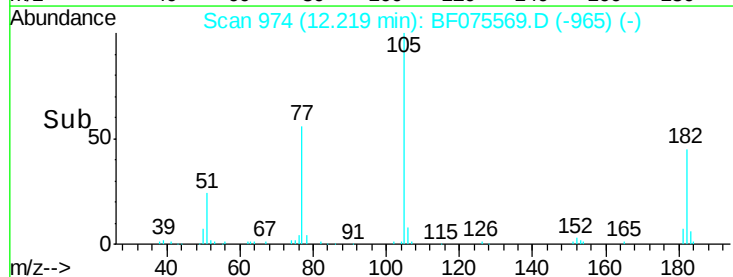
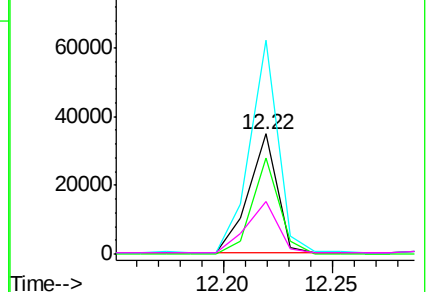


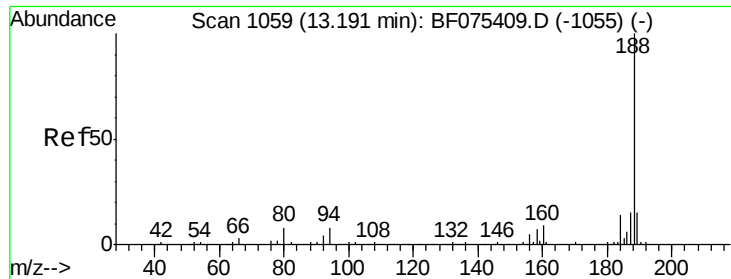
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

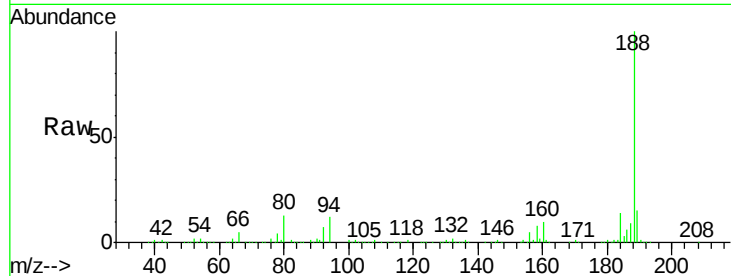




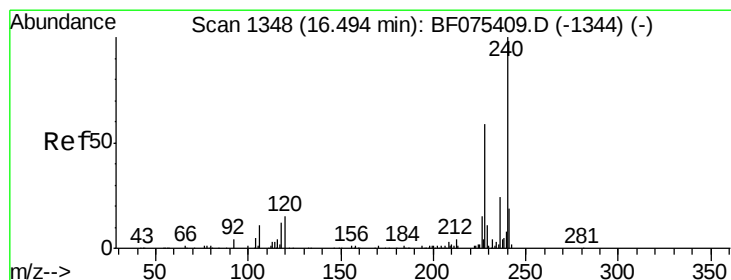
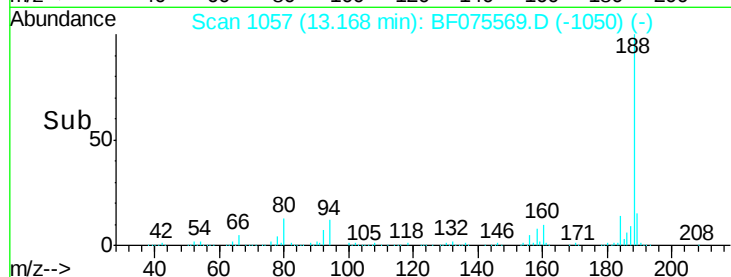
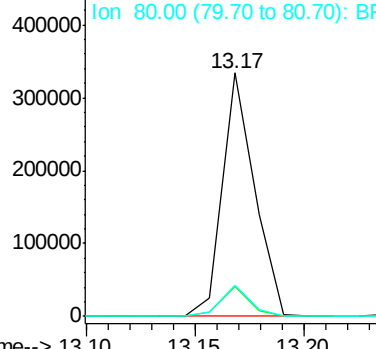
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.17 min Scan# 1057
Delta R.T. -0.02 min
Lab File: BF075569.D
Acq: 16 Nov 2014 4:28

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-SELR1-28RE

Tgt Ion:188 Resp: 342639
Ion Ratio Lower Upper
188 100
94 12.4 7.8 11.6#
80 12.7 8.0 12.0#

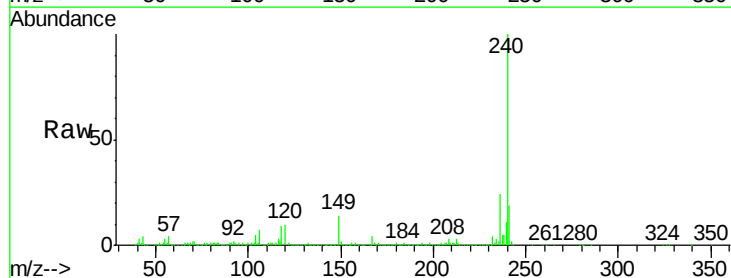


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

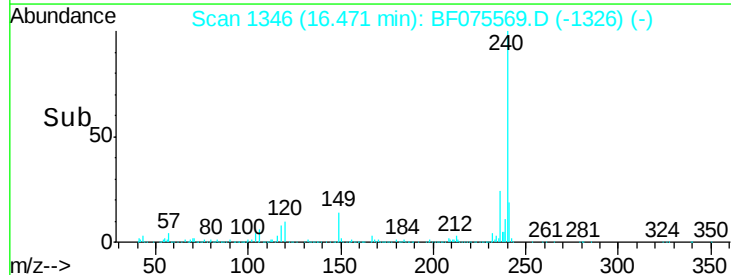
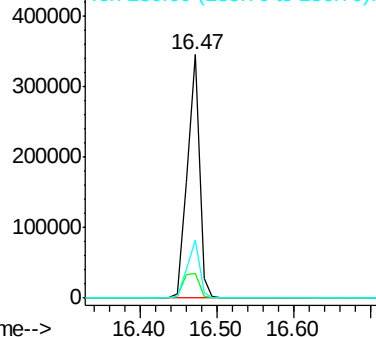


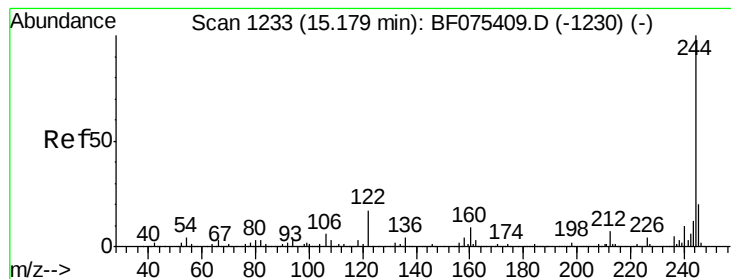
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.47 min Scan# 1346
Delta R.T. -0.07 min
Lab File: BF075569.D
Acq: 16 Nov 2014 4:28

Tgt Ion:240 Resp: 376571
Ion Ratio Lower Upper
240 100
120 10.2 9.6 14.4
236 23.6 18.9 28.3



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: 34.16 ng

RT: 15.17 min Scan# 1232

Delta R.T. -0.02 min

Lab File: BF075569.D

Acq: 16 Nov 2014 4:28

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-SELR1-28RE

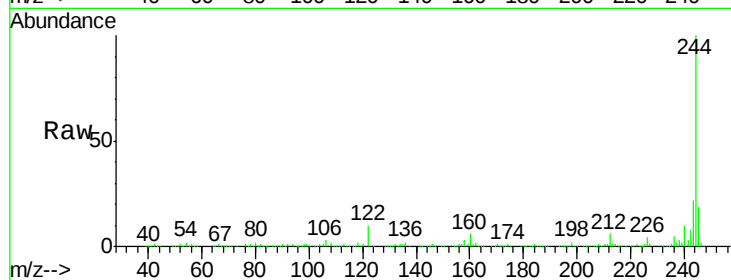
Tgt Ion:244 Resp: 477841

Ion Ratio Lower Upper

244 100

212 5.8 5.5 8.3

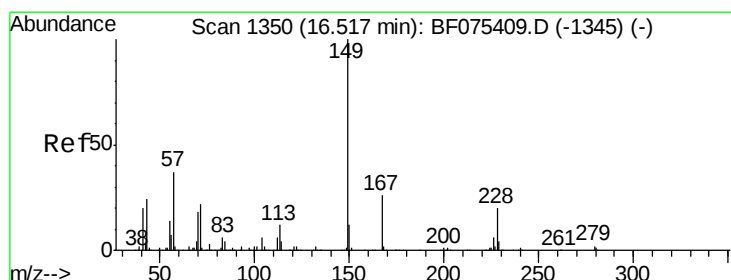
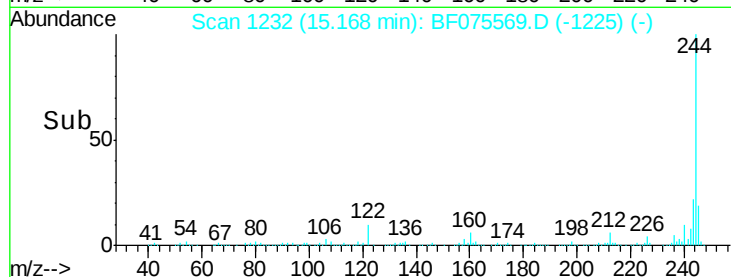
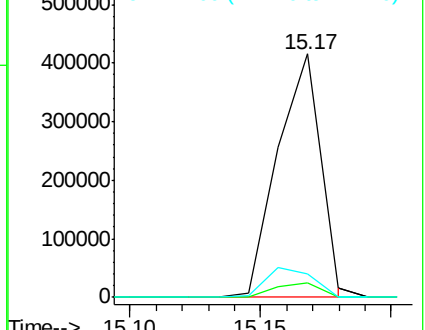
122 9.9 9.7 14.5



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: 32.90 ng

RT: 16.49 min Scan# 1348

Delta R.T. -0.08 min

Lab File: BF075569.D

Acq: 16 Nov 2014 4:28

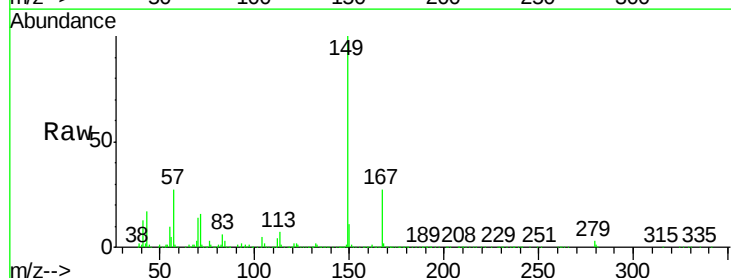
Tgt Ion:149 Resp: 637176

Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.2

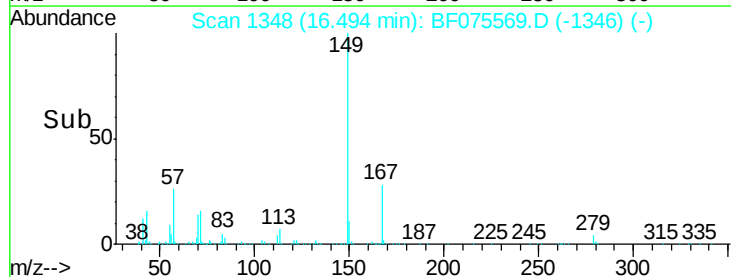
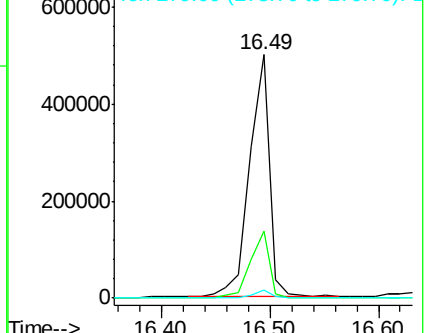
279 3.4 2.8 4.2

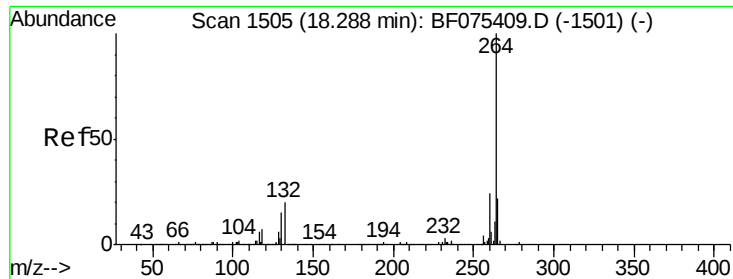


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 18.22 min Scan# 1499

Delta R.T. -0.22 min

Lab File: BF075569.D

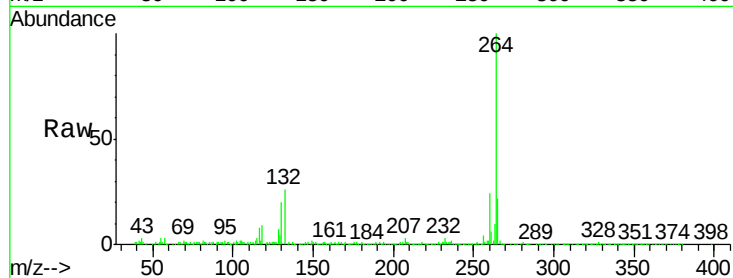
Acq: 16 Nov 2014 4:28

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-SELR1-28RE



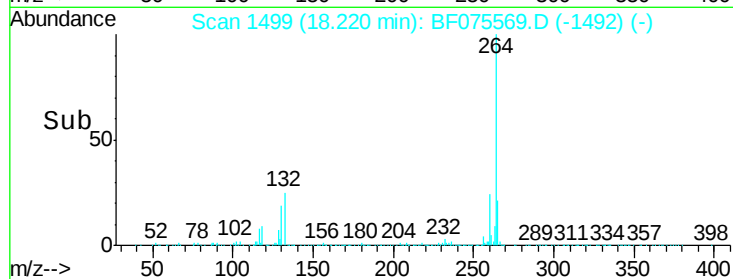
Tgt Ion: 264 Resp: 350597

Ion Ratio Lower Upper

264 100

260 24.3 17.9 26.9

265 21.6 16.3 24.5



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

