

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075543.D
 Acq On : 15 Nov 2014 15:49
 Operator : TP / JJ
 Sample : F4736-01
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-X128A-26

Quant Time: Nov 16 02:40:14 2014
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 16 02:30:12 2014
 Response via : Initial Calibration

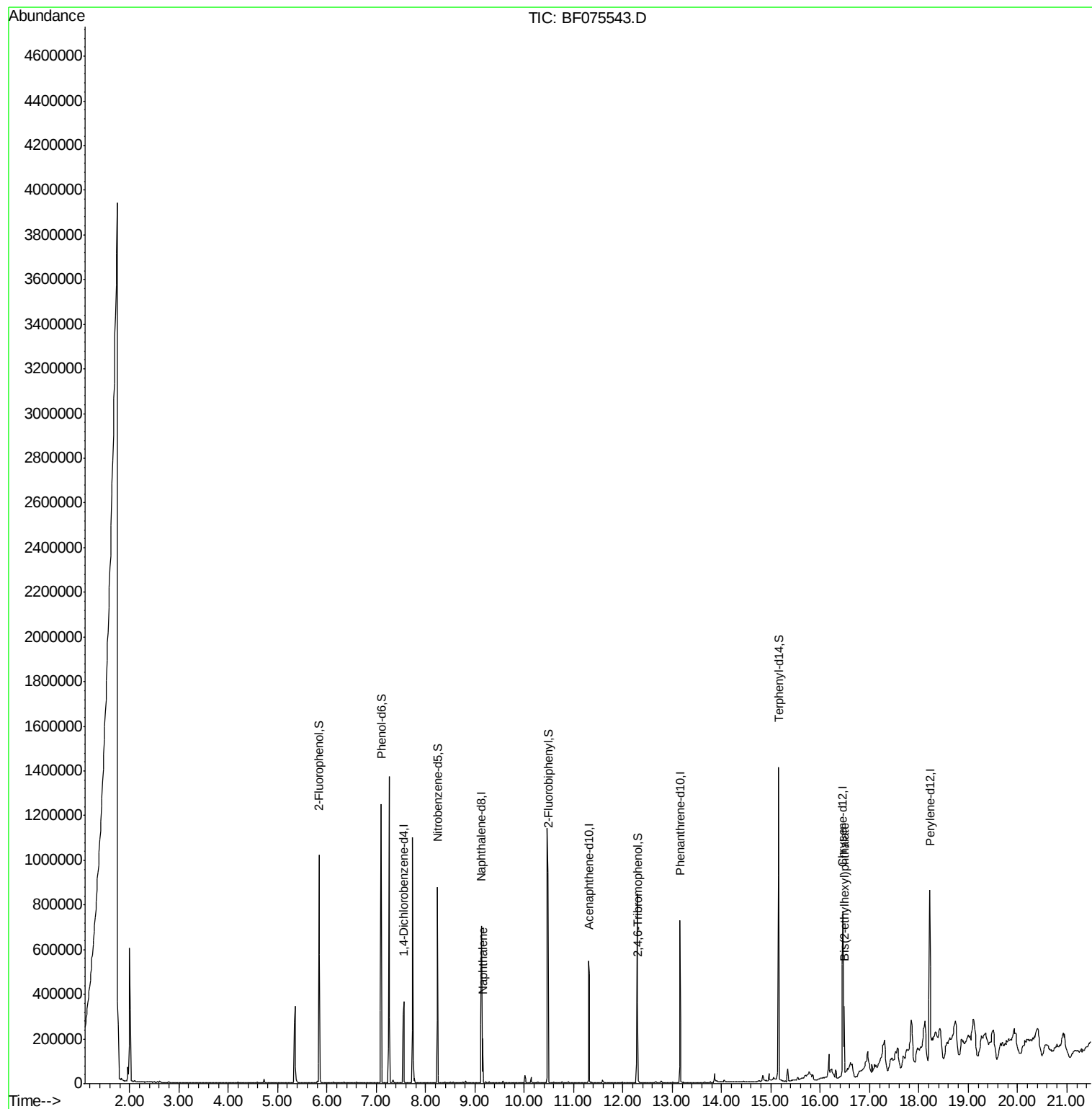
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	78488	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	347329	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	172834	20.00	ng	0.00
63) Phenanthrene-d10	13.16	188	295075	20.00	ng	0.00
75) Chrysene-d12	16.46	240	334827	20.00	ng	0.00
86) Perylene-d12	18.22	264	350953	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	343608	77.34	ng	0.01
7) Phenol-d6	7.10	99	403692	75.56	ng	0.01
23) Nitrobenzene-d5	8.24	82	273529	57.74	ng	0.00
41) 2,4,6-Tribromophenol	12.30	330	111165	76.79	ng	0.00
44) 2-Fluorobiphenyl	10.48	172	515087	53.85	ng	0.00
78) Terphenyl-d14	15.16	244	570850	45.90	ng	0.00
Target Compounds						
31) Naphthalene	9.16	128	81574	5.27	ng	99
83) Bis(2-ethylhexyl)phthalate	16.48	149	87728	5.09	ng	# 99

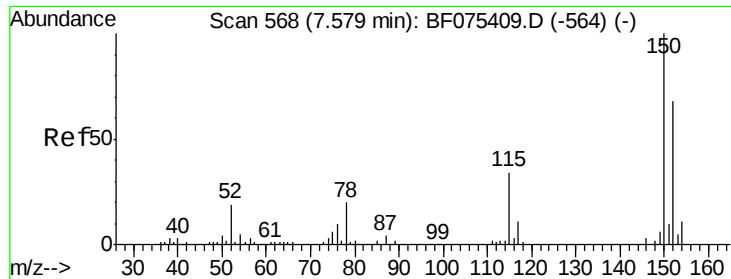
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF075543.D

Acq: 15 Nov 2014 15:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-X128A-26

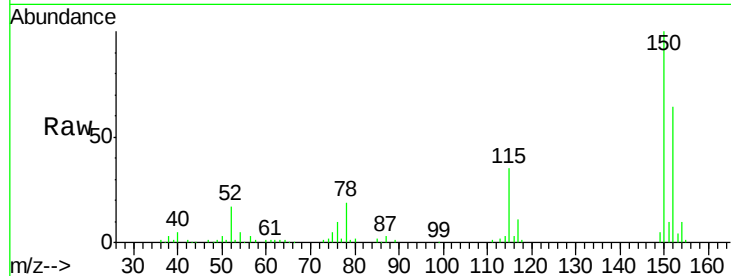
Tot Ion:152 Resp: 78488

Ion Ratio Lower Upper

152 100

150 155.8 127.2 190.8

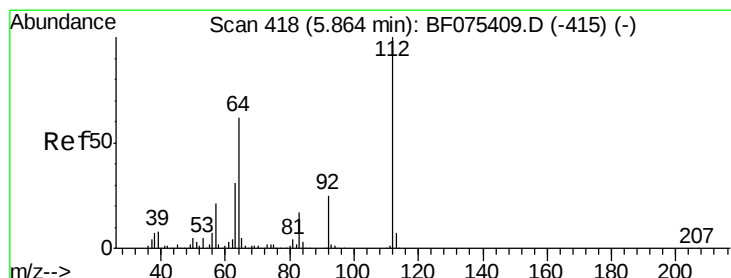
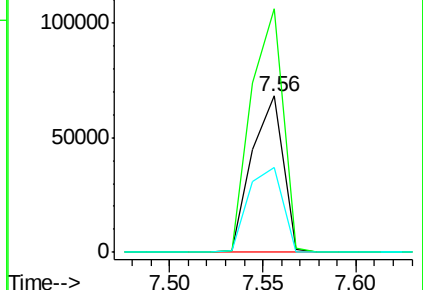
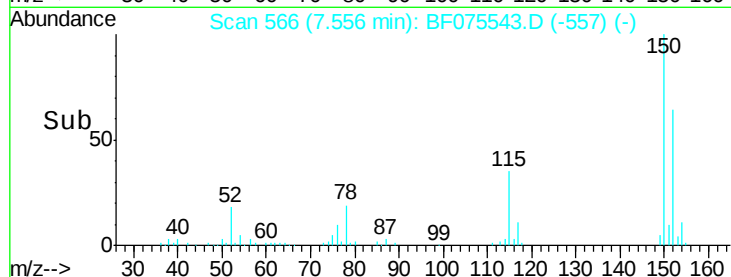
115 54.2 57.1 85.7#



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: 77.34 ng

RT: 5.84 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF075543.D

Acq: 15 Nov 2014 15:49

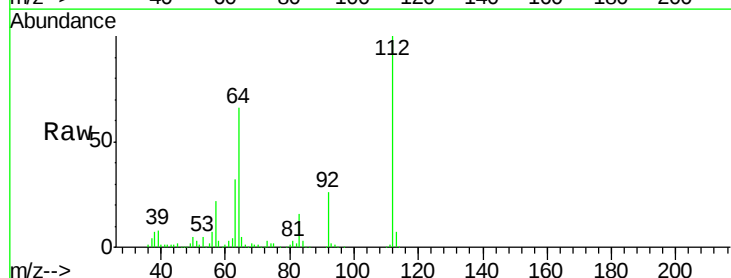
Tgt Ion:112 Resp: 343608

Ion Ratio Lower Upper

112 100

64 65.9 45.8 68.6

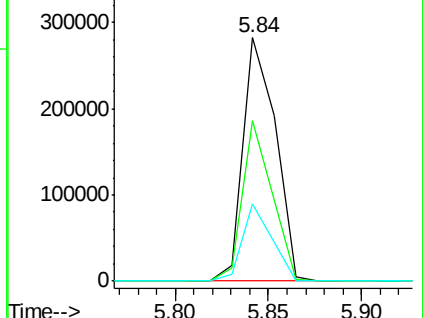
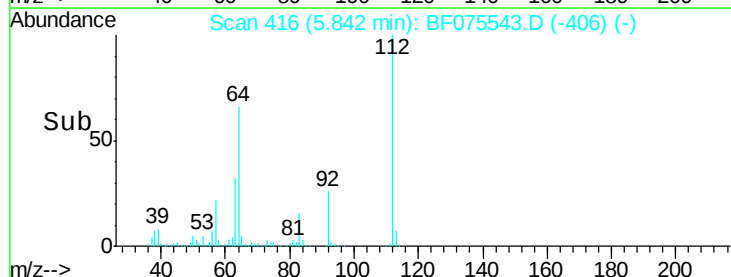
63 31.8 22.7 34.1

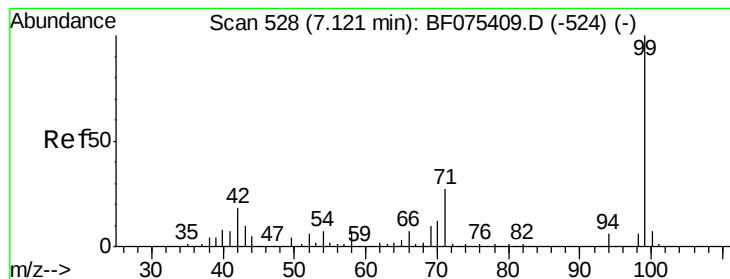


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 75.56 ng

RT: 7.10 min Scan# 526

Delta R.T. 0.01 min

Lab File: BF075543.D

Acq: 15 Nov 2014 15:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-X128A-26

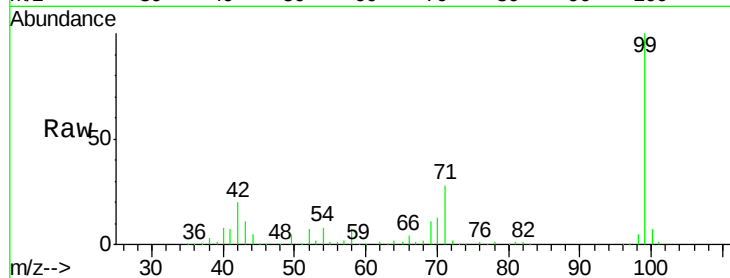
Tot Ion: 99 Resp: 403692

Ion Ratio Lower Upper

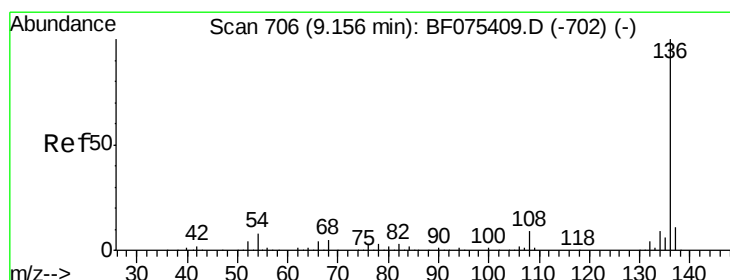
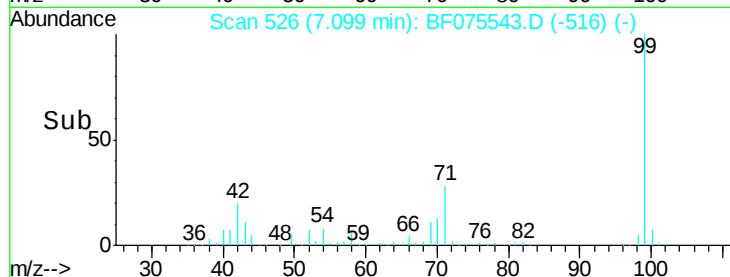
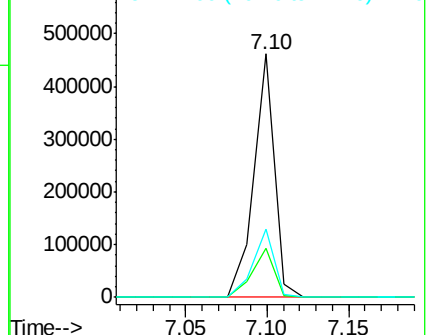
99 100

42 19.9 19.8 29.6

71 28.1 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. 0.00 min

Lab File: BF075543.D

Acq: 15 Nov 2014 15:49

Tgt Ion: 136 Resp: 347329

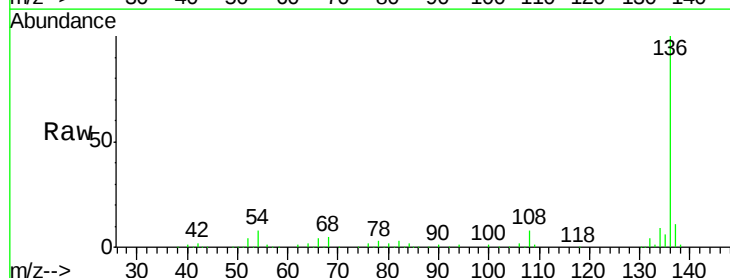
Ion Ratio Lower Upper

136 100

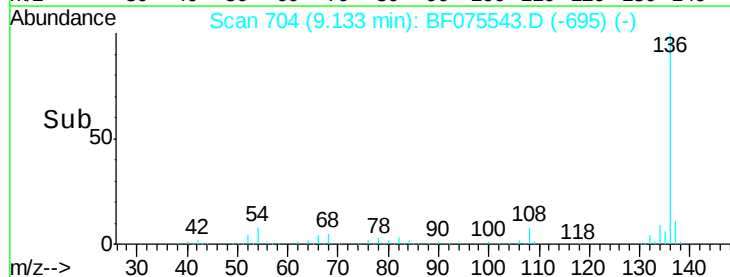
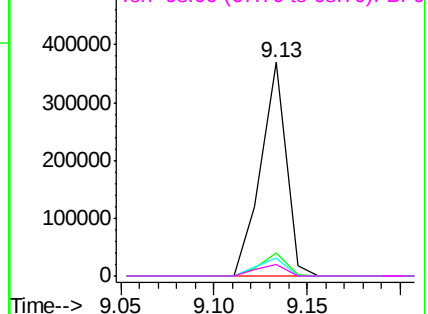
137 10.6 8.2 12.4

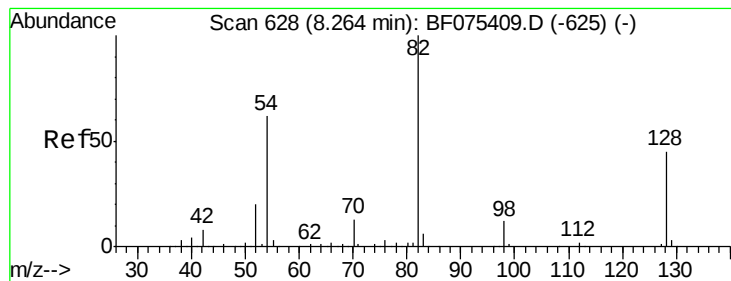
54 8.3 6.2 9.4

68 5.3 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: 57.74 ng

RT: 8.24 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF075543.D

Acq: 15 Nov 2014 15:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-X128A-26

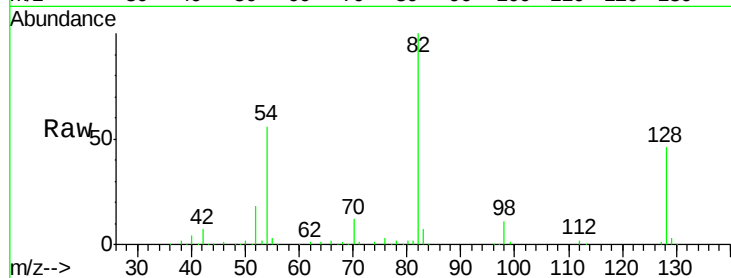
Tot Ion: 82 Resp: 273529

Ion Ratio Lower Upper

82 100

128 46.4 37.8 56.6

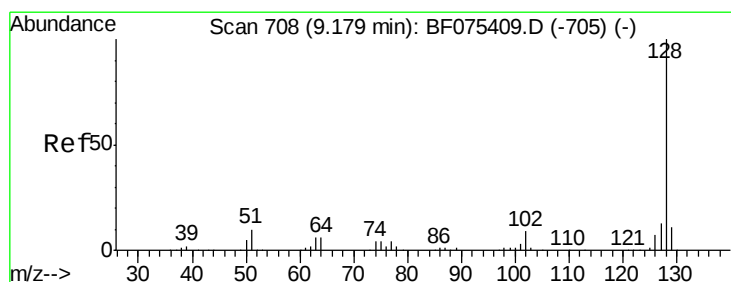
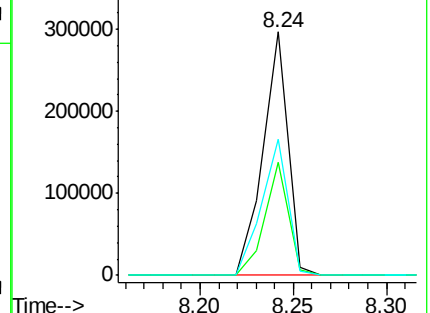
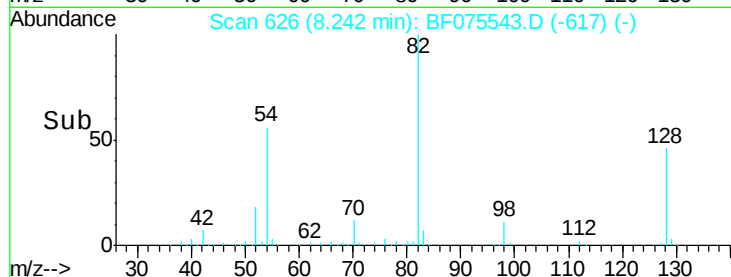
54 56.1 49.8 74.8



Abundance Ion 82.00 (81.70 to 82.70): BF075409.D (-625) (-)

Ion 128.00 (127.70 to 128.70): BF075409.D (-625) (-)

Ion 54.00 (53.70 to 54.70): BF075409.D (-625) (-)



#31

Naphthalene

Concen: 5.27 ng

RT: 9.16 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF075543.D

Acq: 15 Nov 2014 15:49

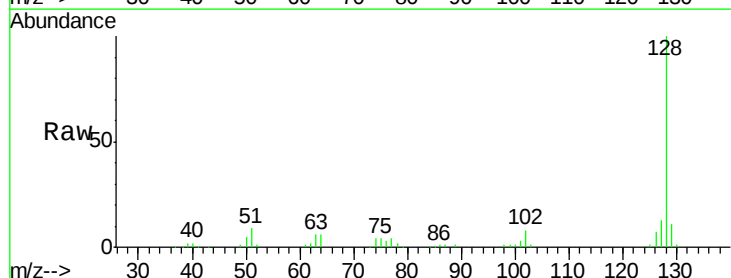
Tgt Ion: 128 Resp: 81574

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

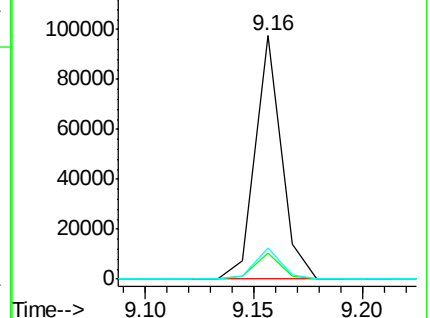
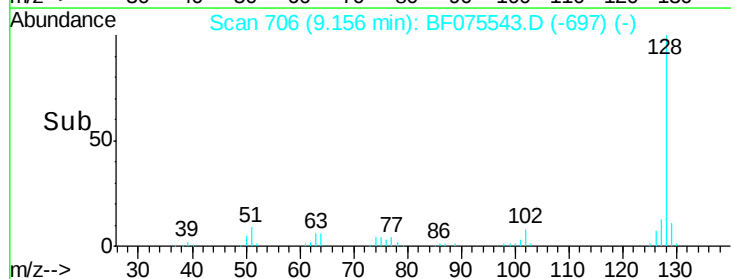
127 12.9 10.2 15.4

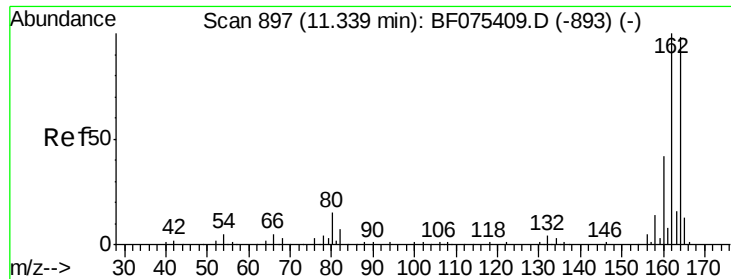


Abundance Ion 128.00 (127.70 to 128.70): BF075409.D (-705) (-)

Ion 129.00 (128.70 to 129.70): BF075409.D (-705) (-)

Ion 127.00 (126.70 to 127.70): BF075409.D (-705) (-)





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF075543.D

Acq: 15 Nov 2014 15:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-X128A-26

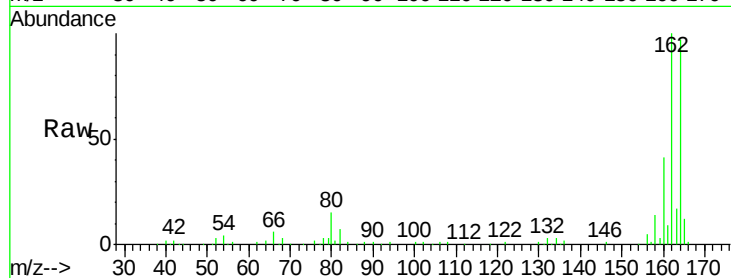
Tot Ion:164 Resp: 172834

Ion Ratio Lower Upper

164 100

162 103.2 79.1 118.7

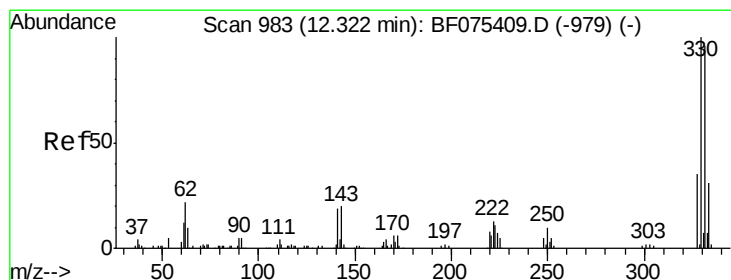
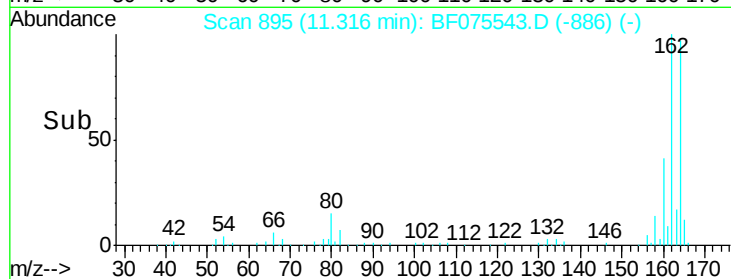
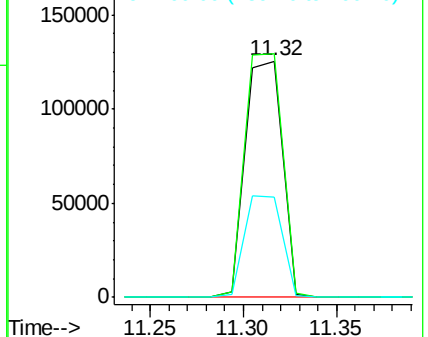
160 42.5 34.6 51.8



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: 76.79 ng

RT: 12.30 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF075543.D

Acq: 15 Nov 2014 15:49

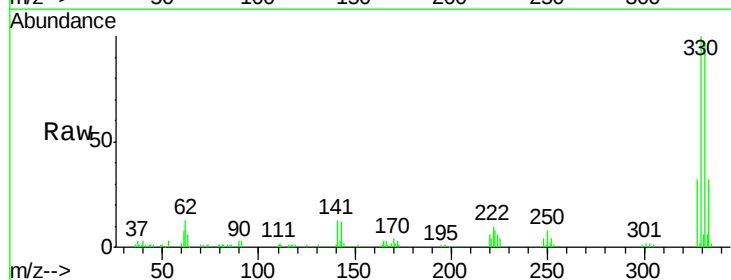
Tgt Ion:330 Resp: 111165

Ion Ratio Lower Upper

330 100

332 95.4 74.5 111.7

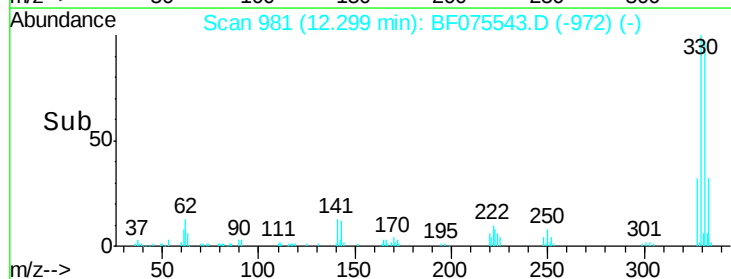
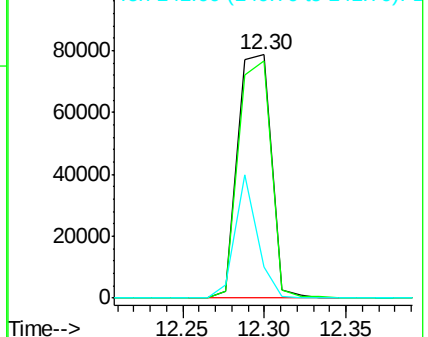
141 33.9 30.7 46.1

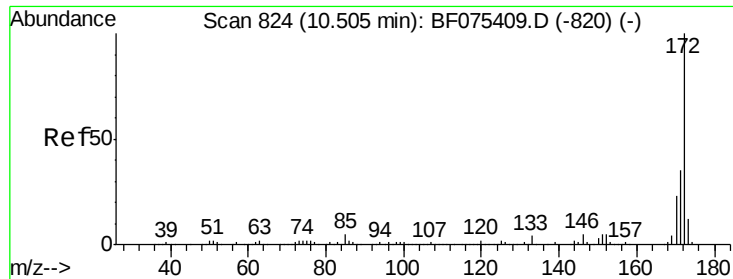


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

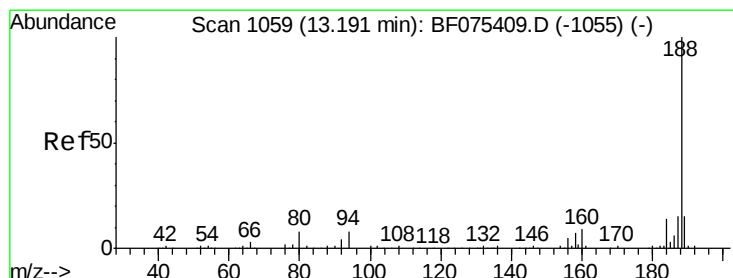
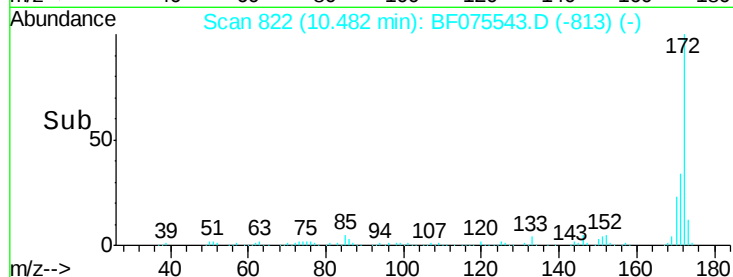
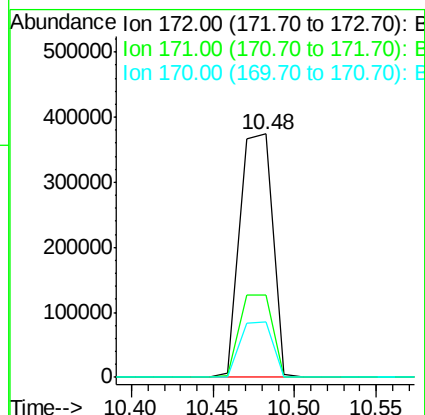
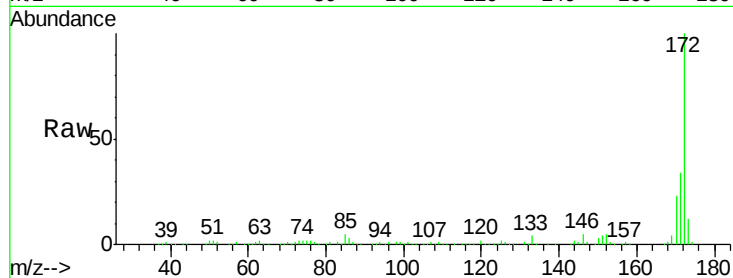




#44
 2-Fluorobiphenyl
 Concen: 53.85 ng
 RT: 10.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF075543.D
 Acq: 15 Nov 2014 15:49

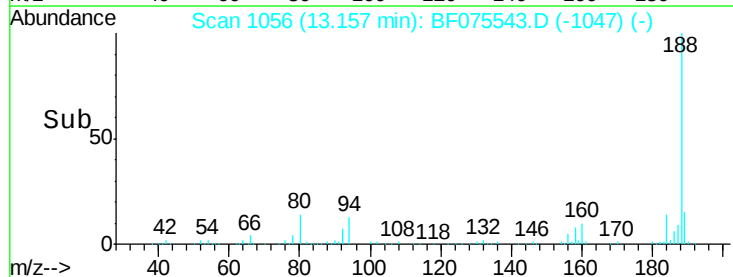
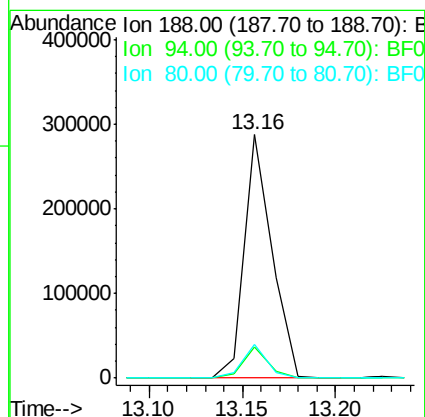
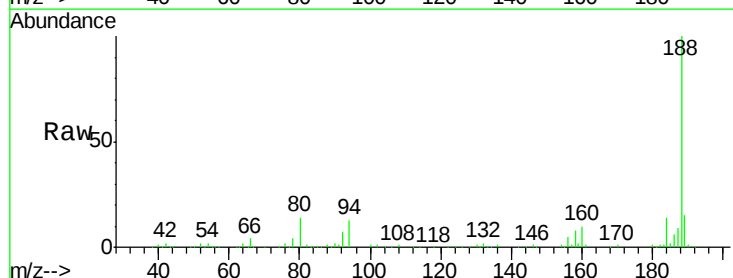
Instrument :
 BNA_F
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 WC-SOIL-X128A-26

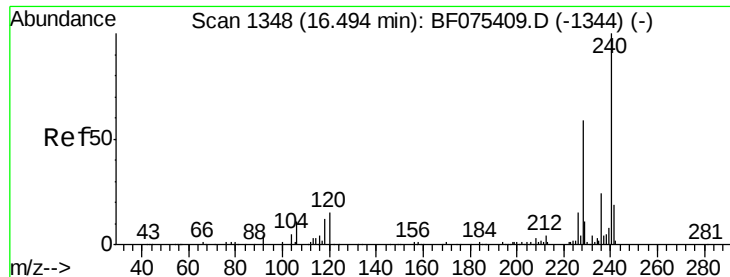
Tot Ion:172 Resp: 515087
 Ion Ratio Lower Upper
 172 100
 171 33.7 27.3 40.9
 170 22.8 18.4 27.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.16 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BF075543.D
 Acq: 15 Nov 2014 15:49

Tgt Ion:188 Resp: 295075
 Ion Ratio Lower Upper
 188 100
 94 13.0 7.8 11.6#
 80 14.1 8.0 12.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.46 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF075543.D

Acq: 15 Nov 2014 15:49

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-X128A-26

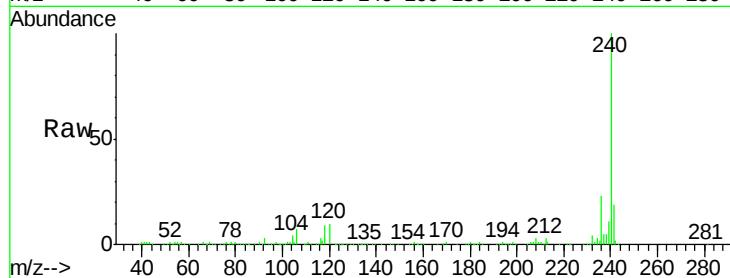
Tot Ion:240 Resp: 334827

Ion Ratio Lower Upper

240 100

120 10.3 9.6 14.4

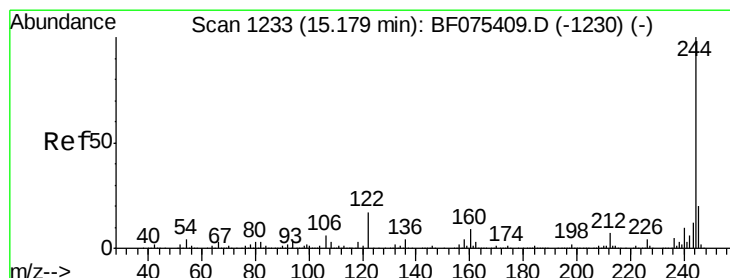
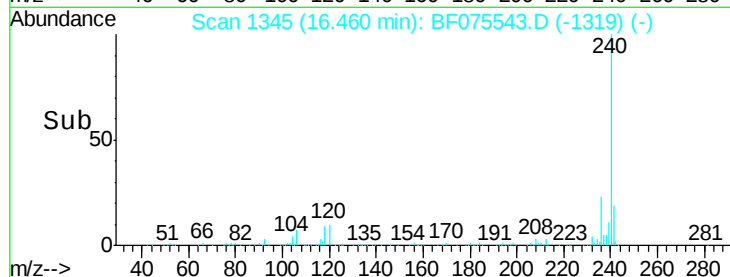
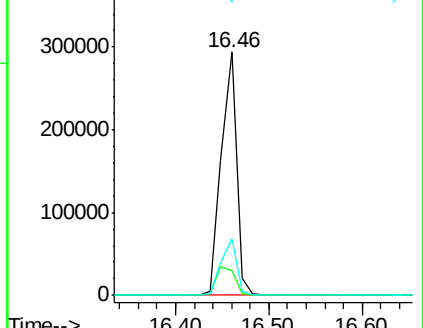
236 23.3 18.9 28.3



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: 45.90 ng

RT: 15.16 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF075543.D

Acq: 15 Nov 2014 15:49

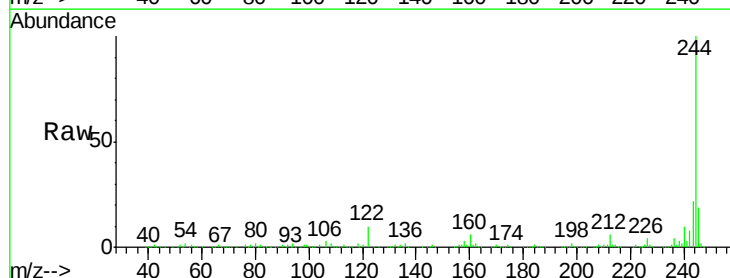
Tgt Ion:244 Resp: 570850

Ion Ratio Lower Upper

244 100

212 6.0 5.5 8.3

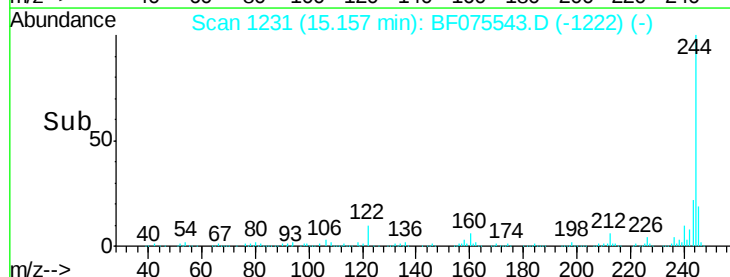
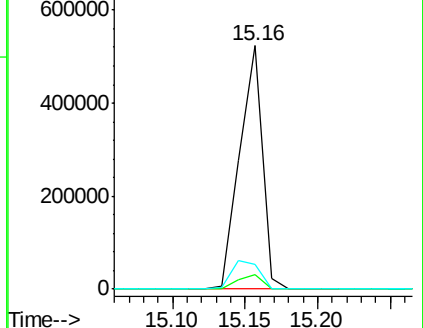
122 10.3 9.7 14.5

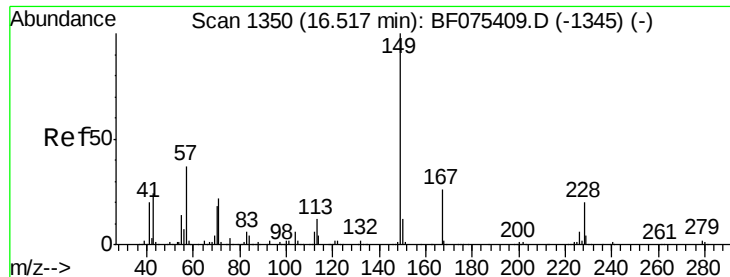


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

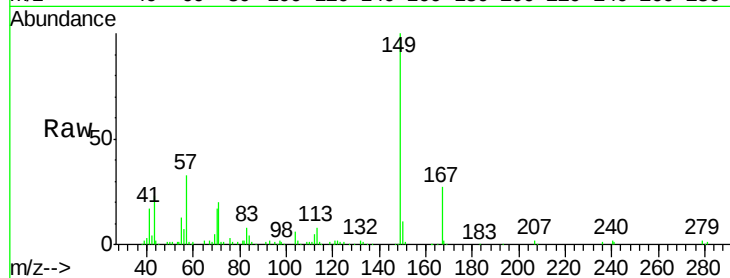




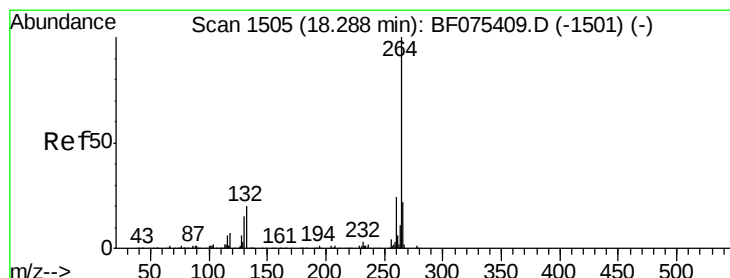
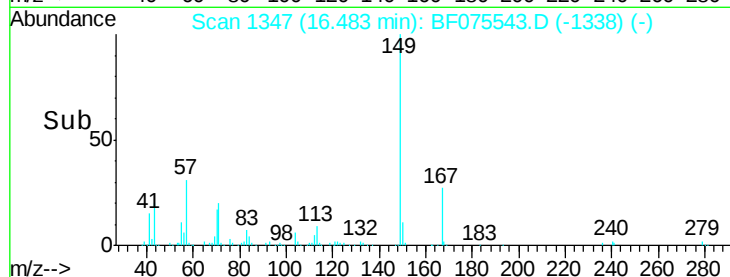
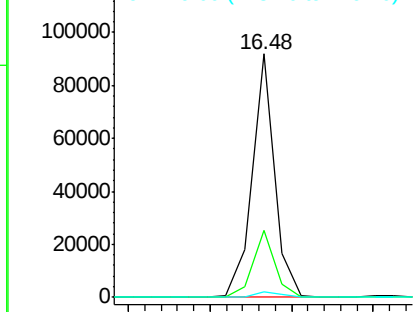
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.09 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF075543.D
 Acq: 15 Nov 2014 15:49

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-X128A-26

Tot Ion:149 Resp: 87728
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.4 32.2
 279 2.4 2.8 4.2#

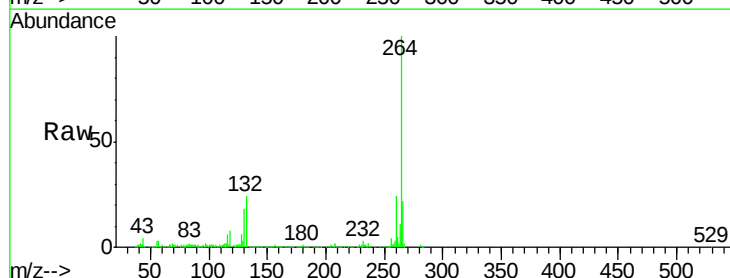


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.22 min Scan# 1499
 Delta R.T. -0.01 min
 Lab File: BF075543.D
 Acq: 15 Nov 2014 15:49

Tgt Ion:264 Resp: 350953
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.9 26.9
 265 22.0 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

