

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110315\
 Data File : BF082666.D
 Acq On : 3 Nov 2015 17:52
 Operator : UM/IZ
 Sample : G4236-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-005

Quant Time: Nov 04 03:51:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

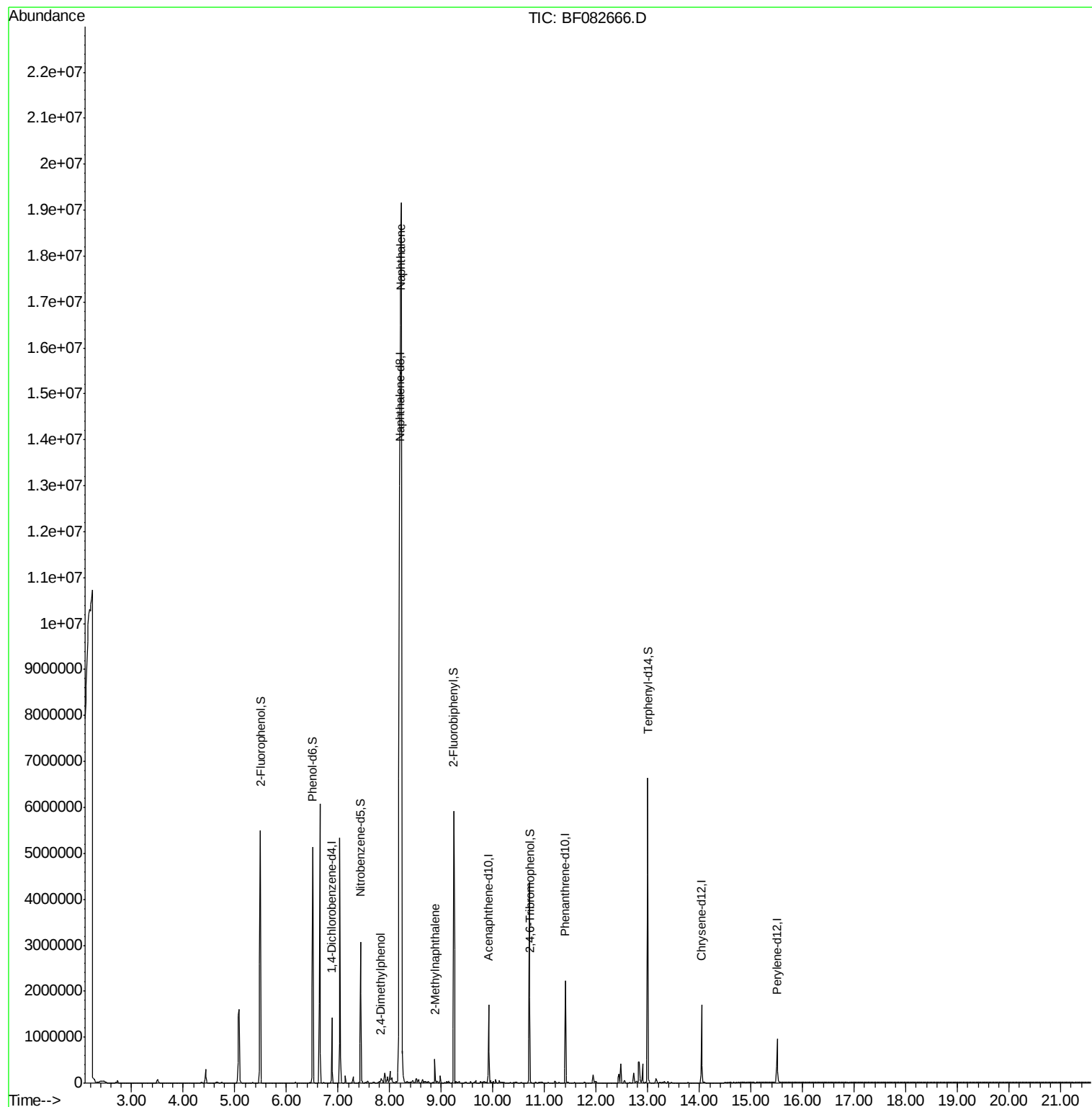
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	185165	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	614432	20.00	ng	0.02
38) Acenaphthene-d10	9.92	164	357376	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	723621	20.00	ng	-0.01
75) Chrysene-d12	14.04	240	577199	20.00	ng	-0.01
86) Perylene-d12	15.51	264	415323	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1461265	118.86	ng	0.02
7) Phenol-d6	6.51	99	1668055	102.13	ng	0.00
23) Nitrobenzene-d5	7.44	82	1419035	94.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	623676	159.46	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	2246208	89.24	ng	-0.01
78) Terphenyl-d14	13.00	244	2587621	98.11	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	7.82	122	23581	2.17	ng	90
31) Naphthalene	8.22	128	16604943	499.44	ng	# 69
37) 2-Methylnaphthalene	8.88	142	127284	5.91	ng	94

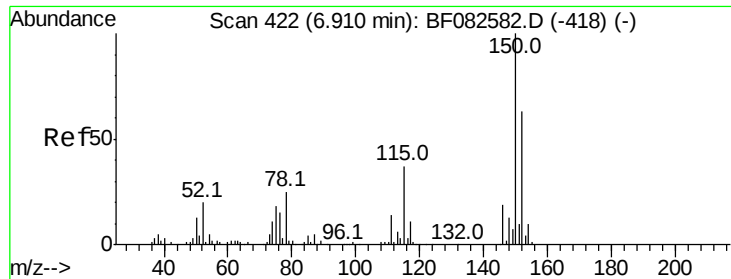
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110315\
Data File : BF082666.D
Acq On : 3 Nov 2015 17:52
Operator : UM/IZ
Sample : G4236-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-005

Quant Time: Nov 04 03:51:56 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration



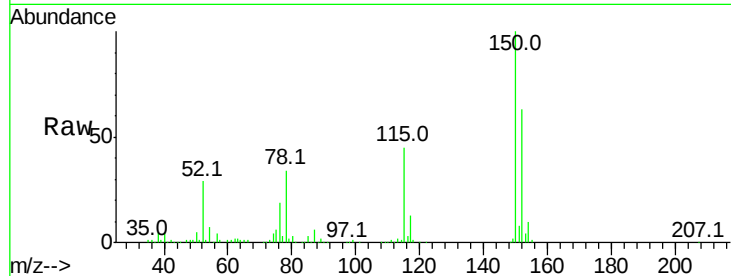


#1

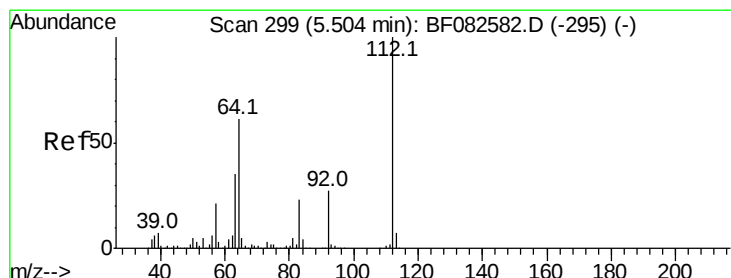
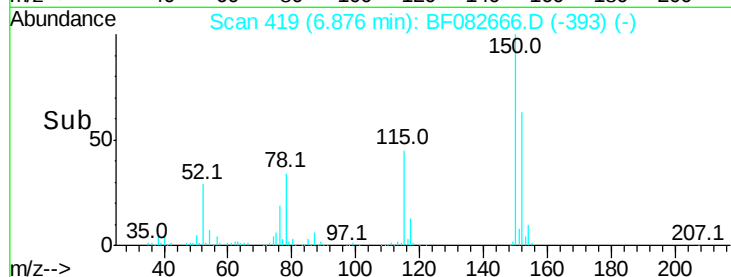
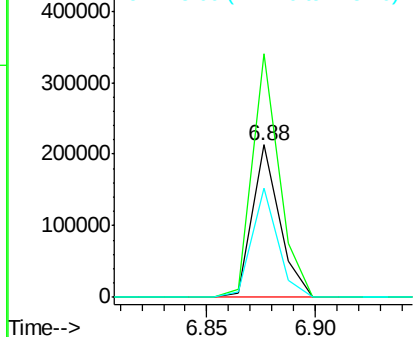
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF082666.D
Acq: 3 Nov 2015 17:52

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-005

Tot Ion:152 Resp: 185165
Ion Ratio Lower Upper
152 100
150 160.0 127.0 190.4
115 72.0 47.0 70.6#



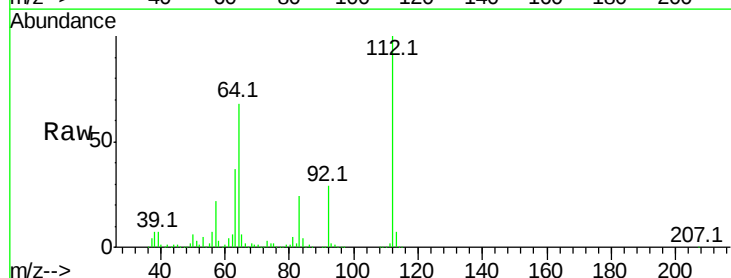
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



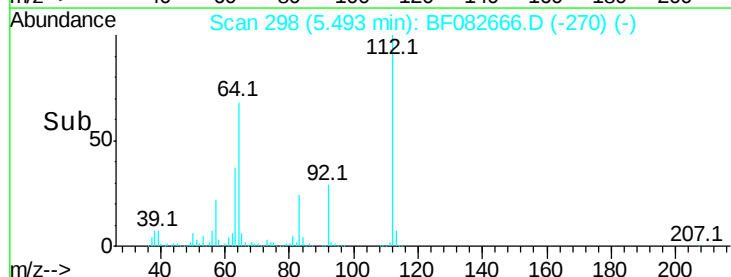
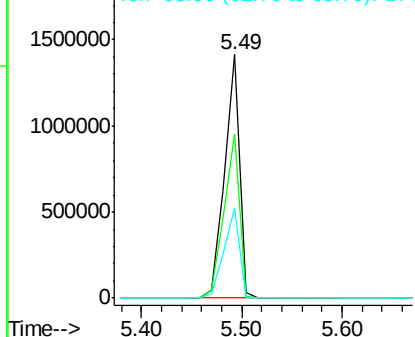
#5

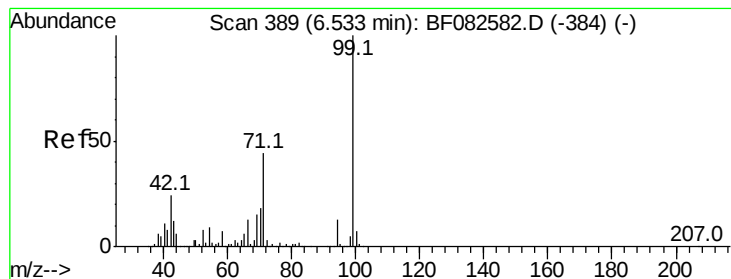
2-Fluorophenol
Concen: 118.86 ng
RT: 5.49 min Scan# 298
Delta R.T. 0.02 min
Lab File: BF082666.D
Acq: 3 Nov 2015 17:52

Tgt Ion:112 Resp: 1461265
Ion Ratio Lower Upper
112 100
64 67.7 48.9 73.3
63 36.8 28.1 42.1



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: 102.13 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082666.D

Acq: 3 Nov 2015 17:52

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-005

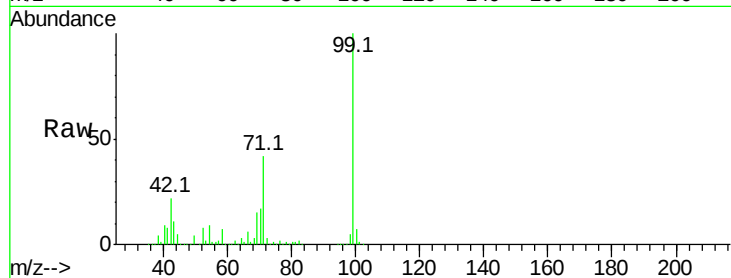
Tot Ion: 99 Resp: 1668055

Ion Ratio Lower Upper

99 100

42 22.2 19.2 28.8

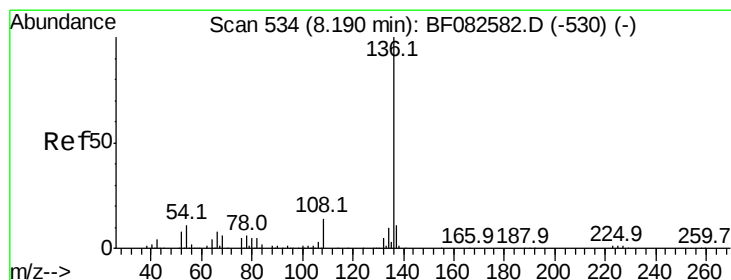
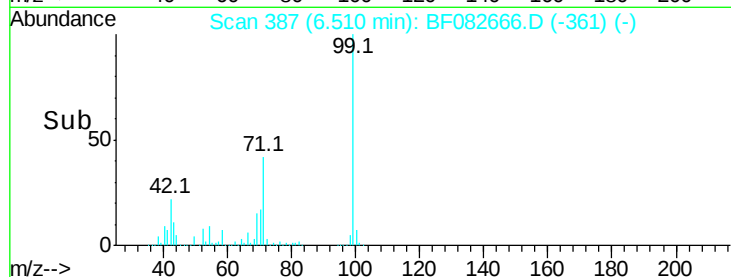
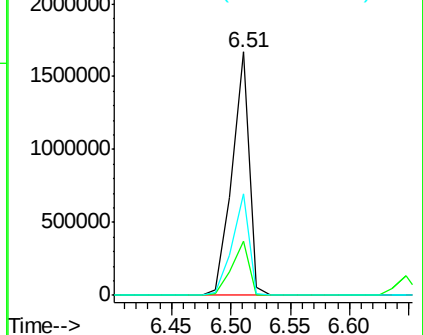
71 41.8 35.0 52.4



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: 8.19 min Scan# 534

Delta R.T. 0.02 min

Lab File: BF082666.D

Acq: 3 Nov 2015 17:52

Tgt Ion: 136 Resp: 614432

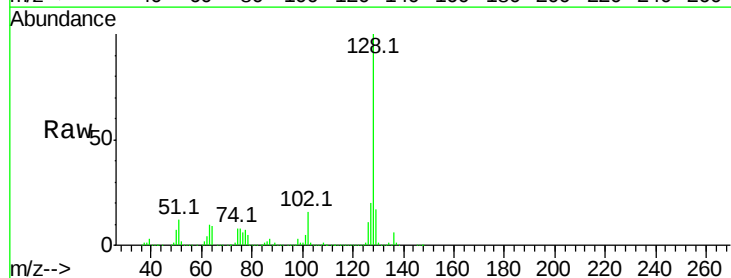
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 8.3 9.1 13.7#

68 6.5 4.8 7.2

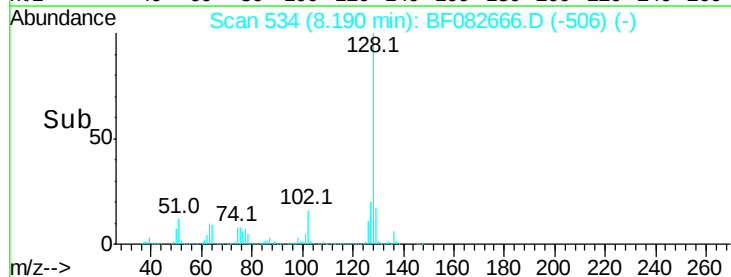
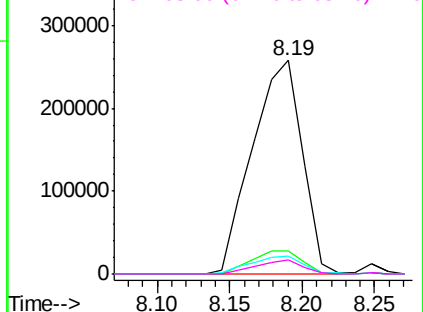


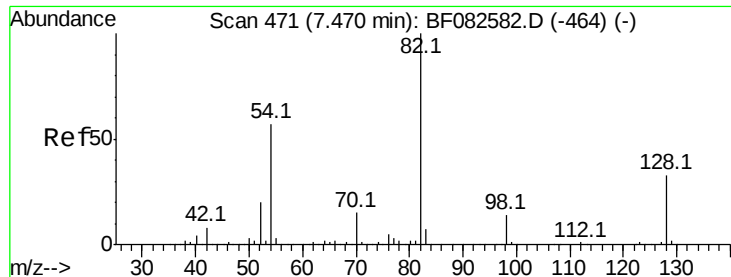
Abundance Ion 136.00 (135.70 to 136.70): E

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



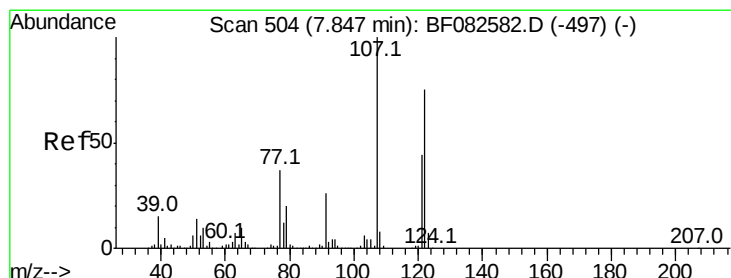
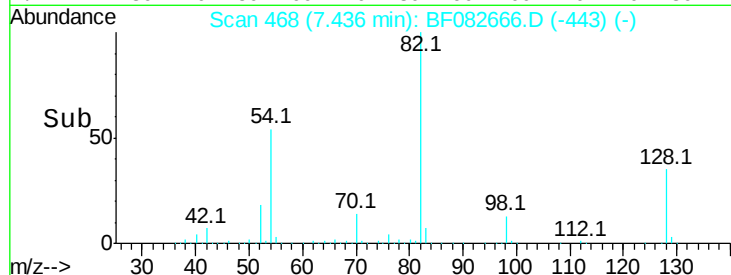
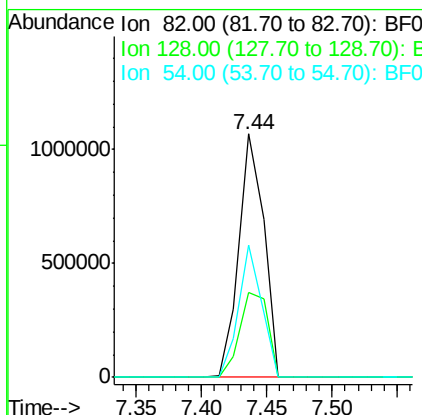
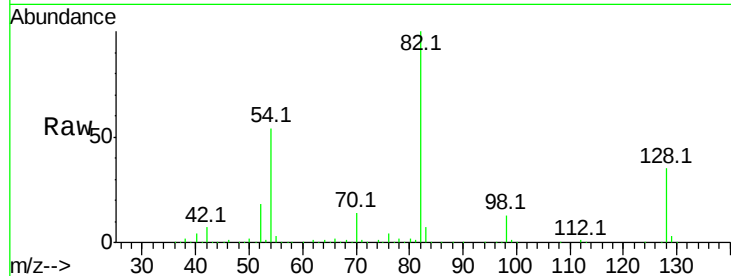


#23
 Nitrobenzene-d5
 Concen: 94.31 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF082666.D
 Acq: 3 Nov 2015 17:52

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-005

Tot Ion: 82 Resp: 1419035

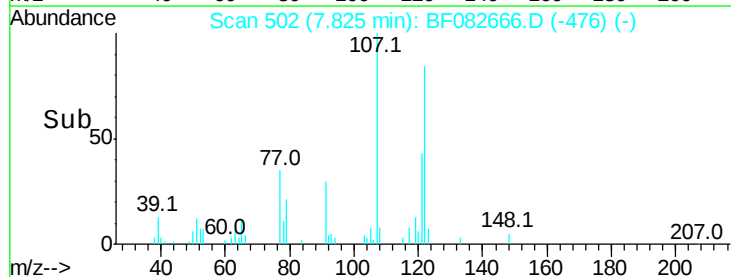
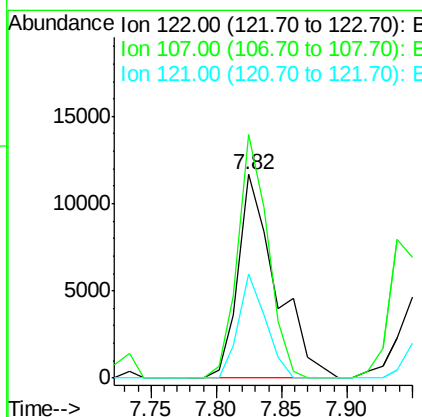
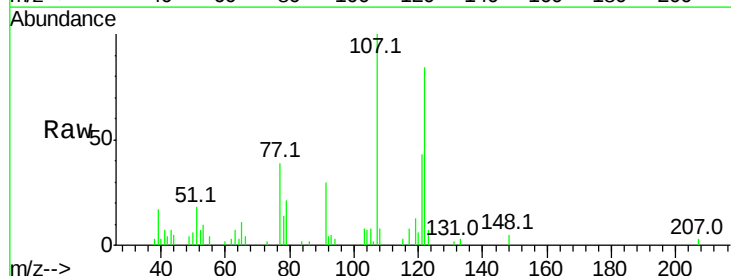
Ion	Ratio	Lower	Upper
82	100		
128	34.9	26.8	40.2
54	54.3	45.7	68.5

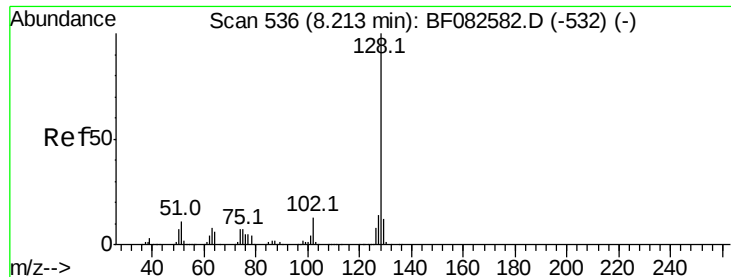


#27
 2,4-Dimethylphenol
 Concen: 2.17 ng
 RT: 7.82 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: BF082666.D
 Acq: 3 Nov 2015 17:52

Tgt Ion: 122 Resp: 23581

Ion	Ratio	Lower	Upper
122	100		
107	119.8	106.0	159.0
121	51.3	46.7	70.1

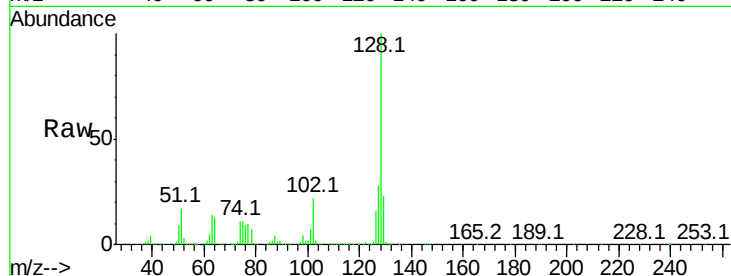




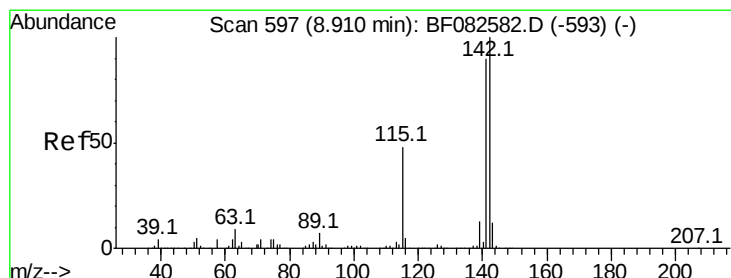
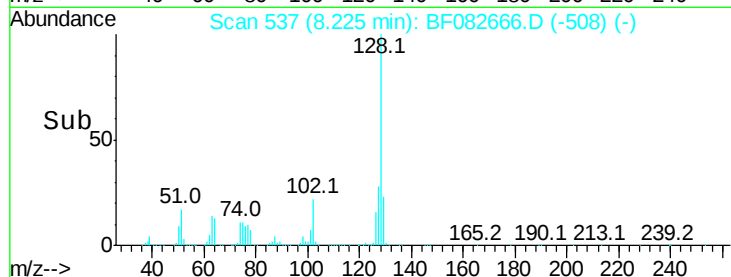
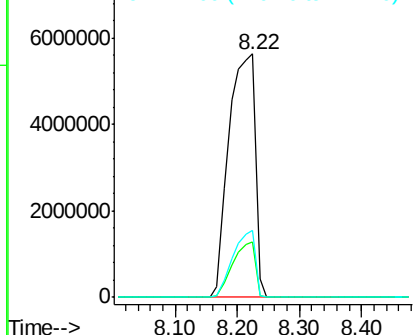
#31
Naphthalene
Concen: 499.44 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.03 min
Lab File: BF082666.D
Acq: 3 Nov 2015 17:52

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-005

Tot Ion:128 Resp:16604943
Ion Ratio Lower Upper
128 100
129 22.7 9.5 14.3#
127 27.7 11.4 17.0#

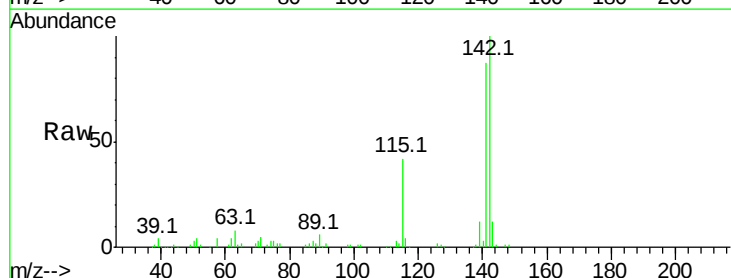


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

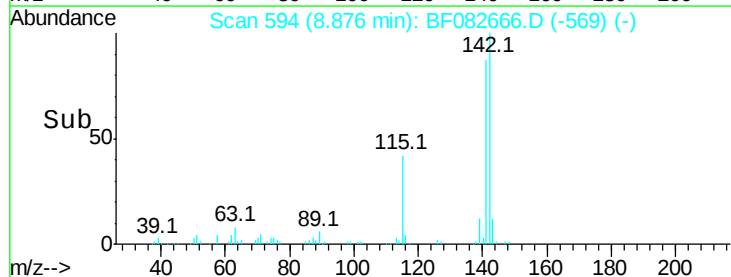
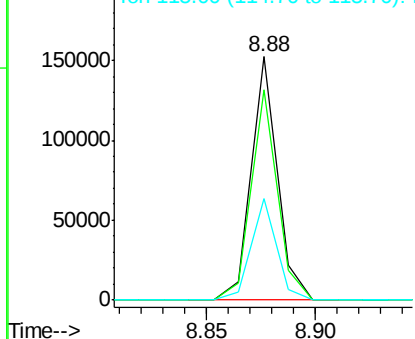


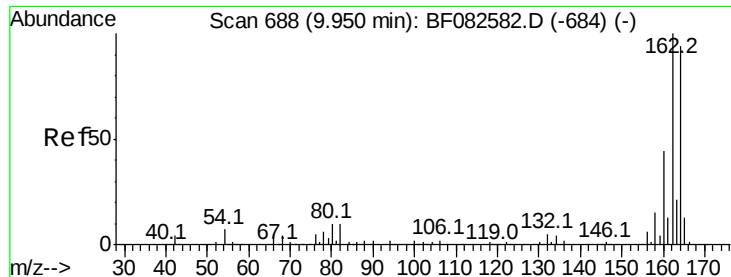
#37
2-Methylnaphthalene
Concen: 5.91 ng
RT: 8.88 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF082666.D
Acq: 3 Nov 2015 17:52

Tgt Ion:142 Resp: 127284
Ion Ratio Lower Upper
142 100
141 86.6 72.3 108.5
115 41.6 38.1 57.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

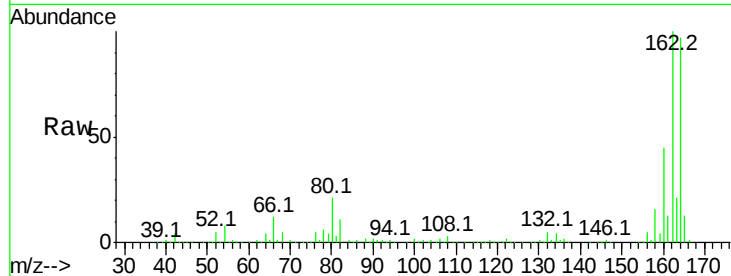




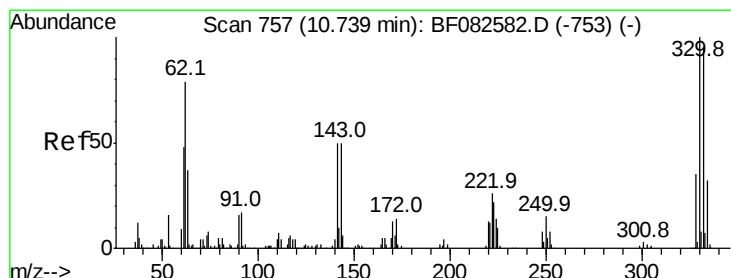
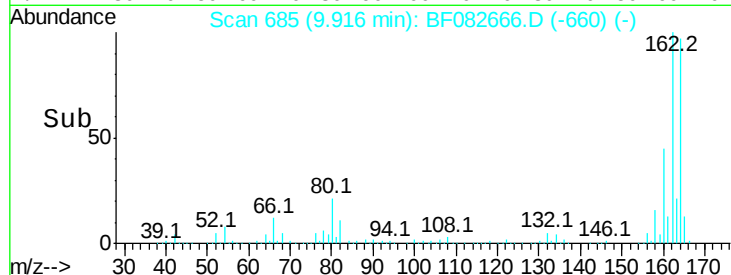
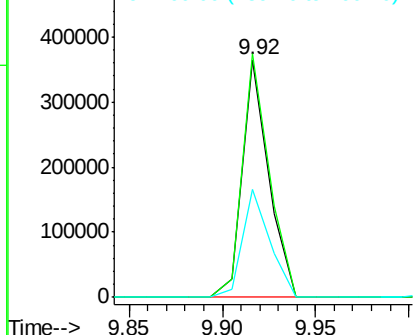
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF082666.D
 Acq: 3 Nov 2015 17:52

Instrument :
 BNA_F
 ClientSampleID :
 WC-SOIL-005

Tot Ion:164 Resp: 357376
 Ion Ratio Lower Upper
 164 100
 162 102.6 84.9 127.3
 160 45.7 37.5 56.3

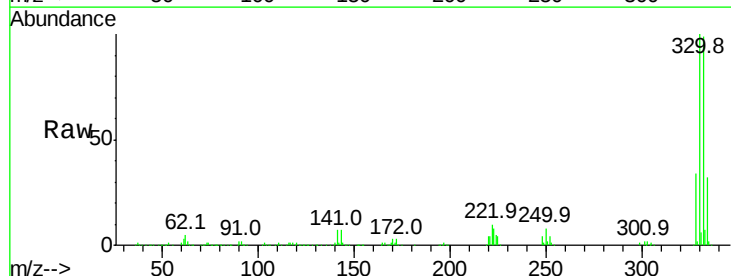


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

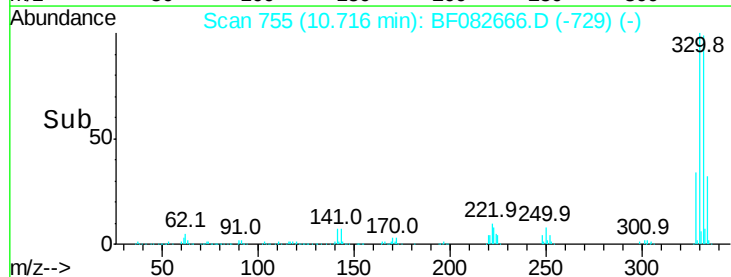
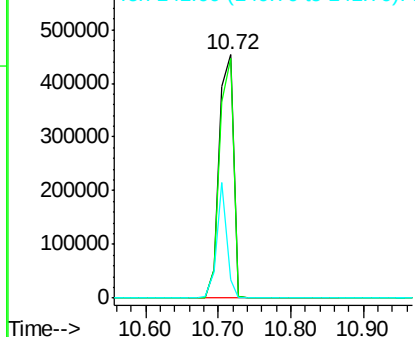


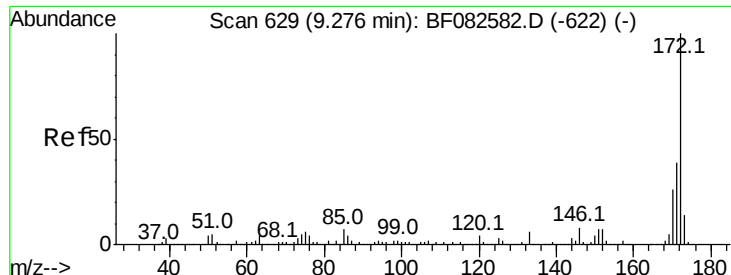
#41
 2,4,6-Tribromophenol
 Concen: 159.46 ng
 RT: 10.72 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF082666.D
 Acq: 3 Nov 2015 17:52

Tgt Ion:330 Resp: 623676
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 33.4 41.2 61.8#



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

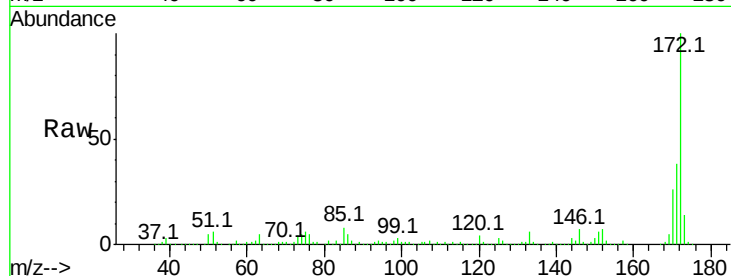




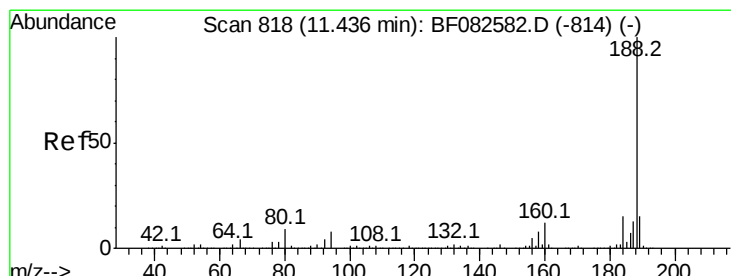
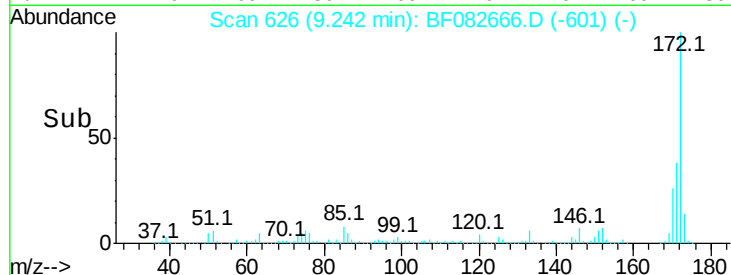
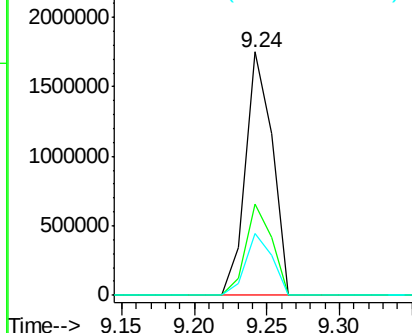
#44
2-Fluorobiphenyl
Concen: 89.24 ng
RT: 9.24 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF082666.D
Acq: 3 Nov 2015 17:52

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-005

Tot Ion:172 Resp: 2246208
Ion Ratio Lower Upper
172 100
171 37.6 30.8 46.2
170 25.6 21.2 31.8

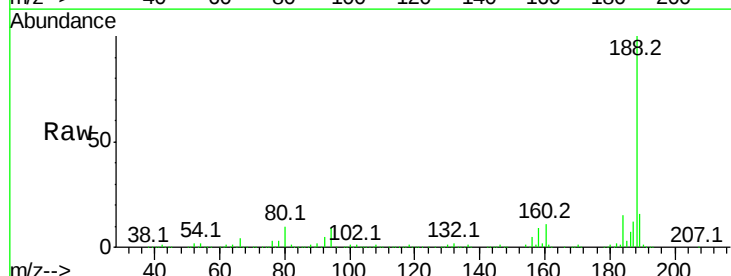


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

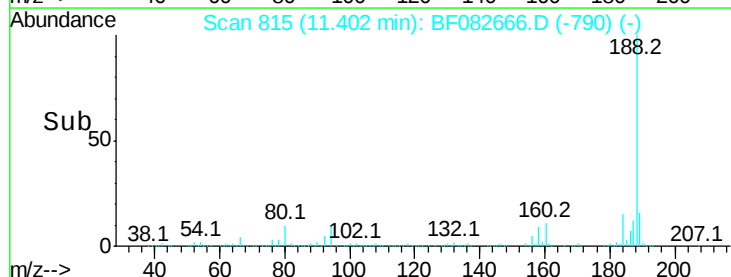
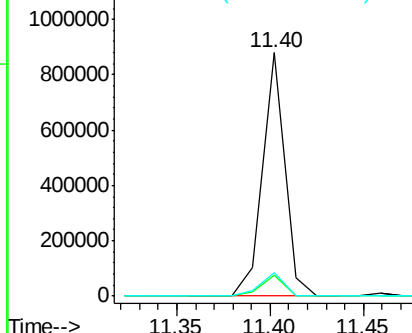


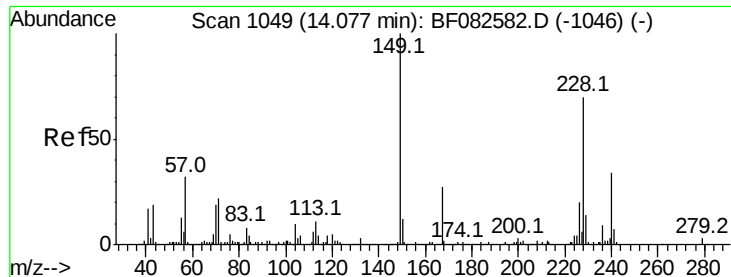
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF082666.D
Acq: 3 Nov 2015 17:52

Tgt Ion:188 Resp: 723621
Ion Ratio Lower Upper
188 100
94 8.6 6.1 9.1
80 9.6 7.0 10.6



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: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF082666.D

Acq: 3 Nov 2015 17:52

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-005

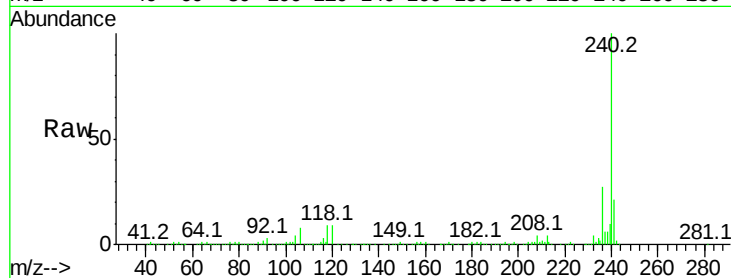
Tot Ion:240 Resp: 577199

Ion Ratio Lower Upper

240 100

120 9.4 10.9 16.3#

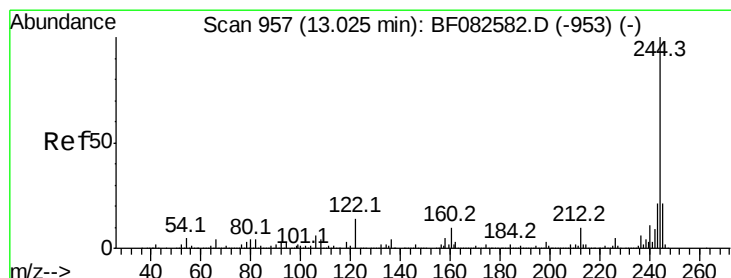
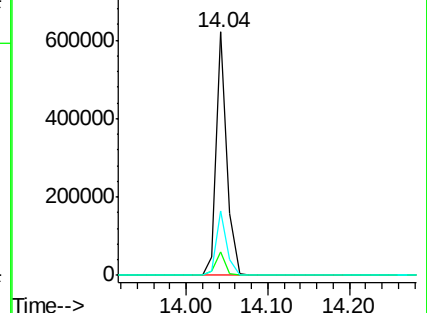
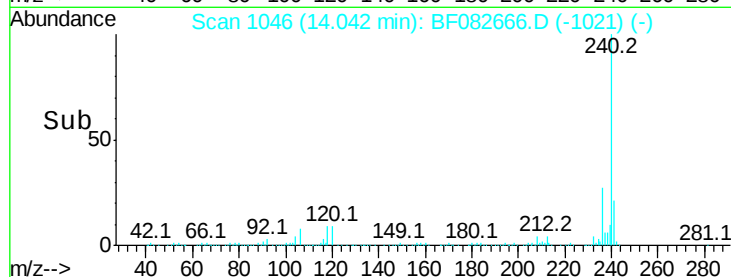
236 26.5 21.6 32.4



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: 98.11 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF082666.D

Acq: 3 Nov 2015 17:52

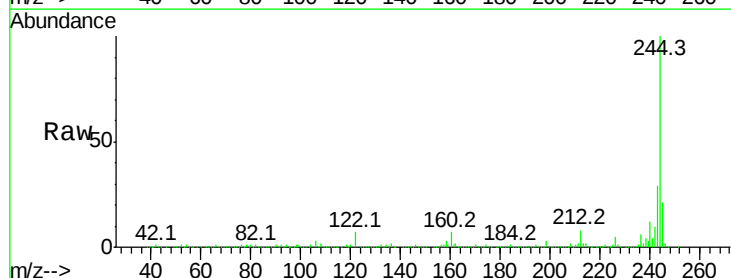
Tgt Ion:244 Resp: 2587621

Ion Ratio Lower Upper

244 100

212 8.1 7.6 11.4

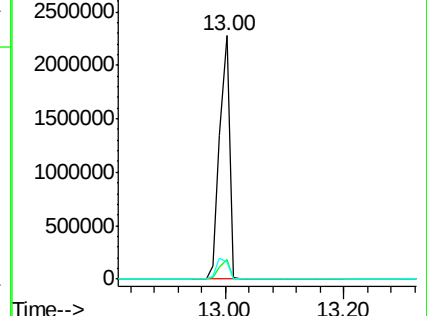
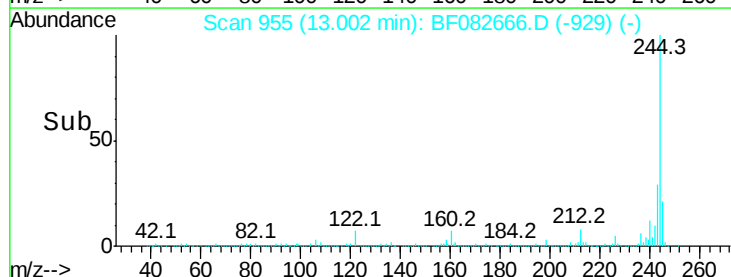
122 7.1 11.3 16.9#

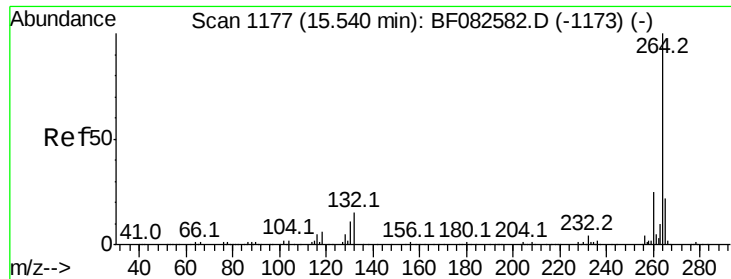


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF082666.D
Acq: 3 Nov 2015 17:52

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-005

Tot Ion:	264	Resp:	415323
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	21.7	17.4	26.0

