

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
 Data File : BF082977.D
 Acq On : 17 Nov 2015 20:35
 Operator : UM/IZ
 Sample : G4439-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-008

Quant Time: Nov 18 05:06:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	170831	20.00	ng	-0.10
21) Naphthalene-d8	8.04	136	674755	20.00	ng	-0.10
38) Acenaphthene-d10	9.79	164	346578	20.00	ng	-0.10
63) Phenanthrene-d10	11.28	188	624403	20.00	ng	-0.10
75) Chrysene-d12	13.91	240	632606	20.00	ng	-0.11
86) Perylene-d12	15.30	264	488678	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1130754	102.99	ng	-0.08
7) Phenol-d6	6.41	99	1321169	90.51	ng	-0.08
23) Nitrobenzene-d5	7.32	82	1312774	84.66	ng	-0.09
41) 2,4,6-Tribromophenol	10.58	330	368733	92.79	ng	-0.10
44) 2-Fluorobiphenyl	9.12	172	1913661	79.14	ng	-0.10
78) Terphenyl-d14	12.87	244	1969314	73.84	ng	-0.10

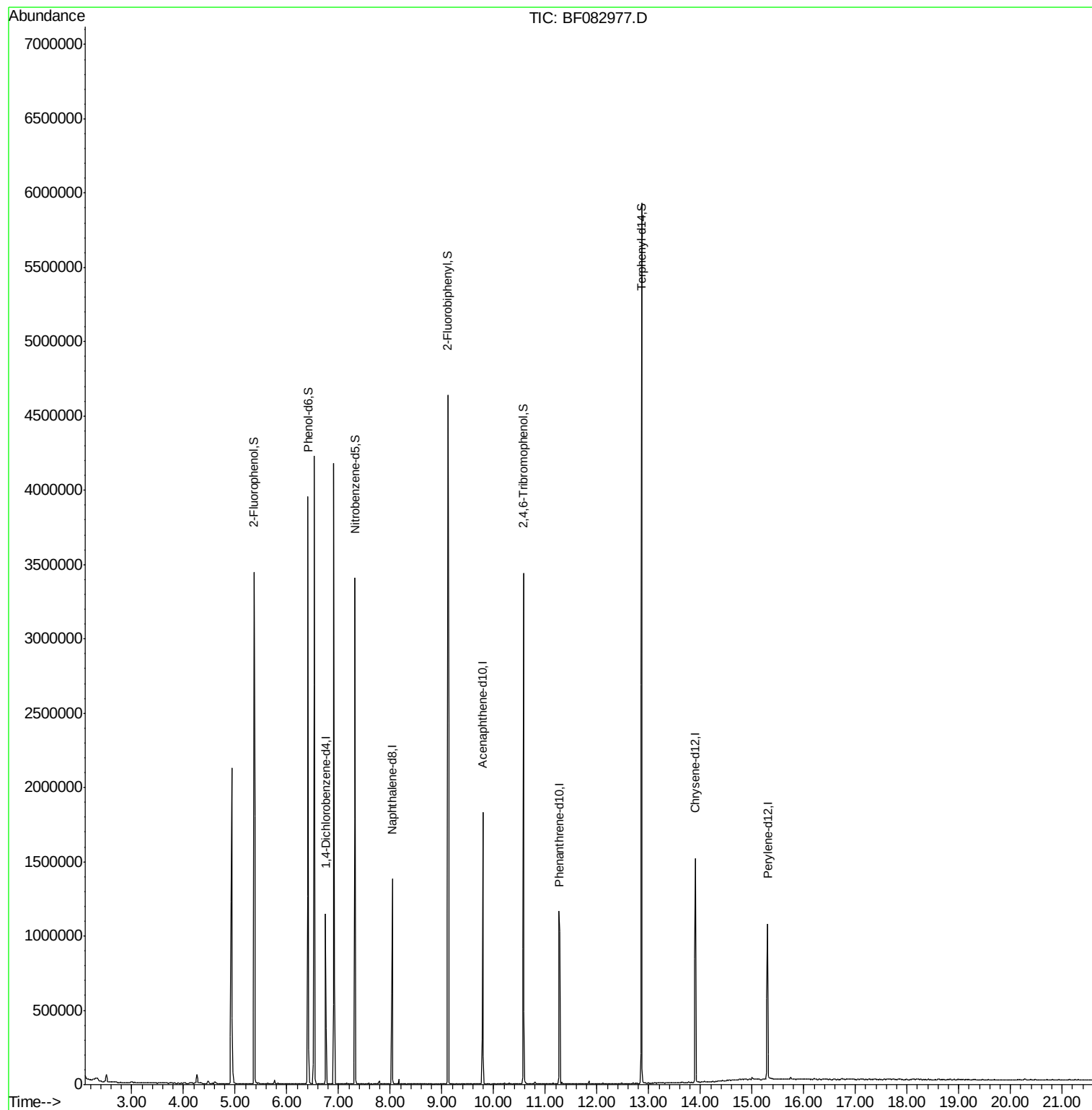
Target Compounds	Qvalue
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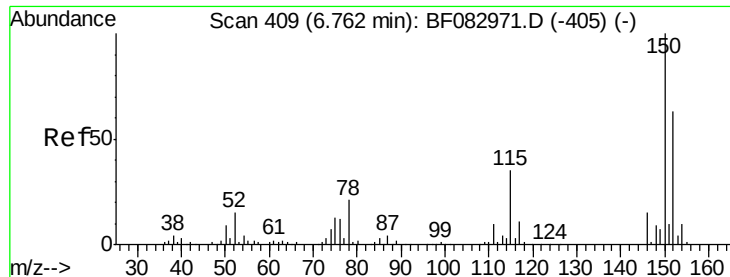
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.10 min

Lab File: BF082977.D

Acq: 17 Nov 2015 20:35

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-008

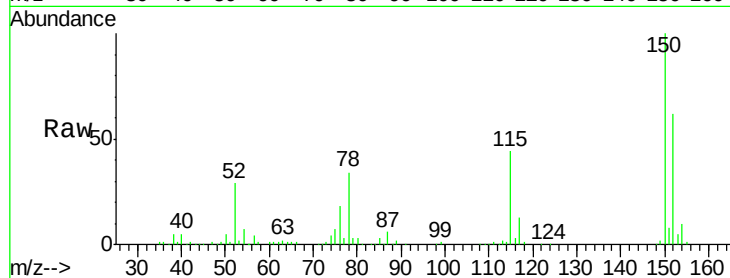
Tgt Ion:152 Resp: 170831

Ion Ratio Lower Upper

152 100

150 161.1 127.0 190.4

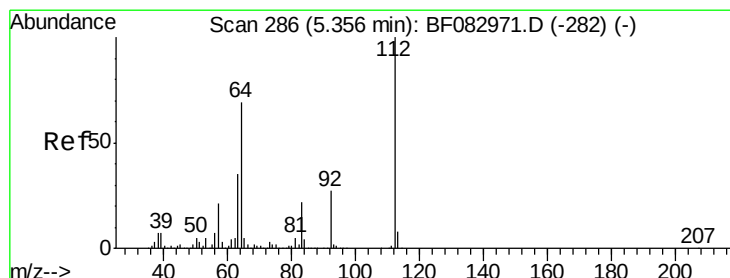
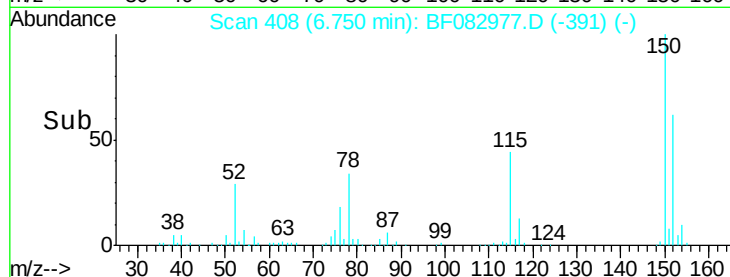
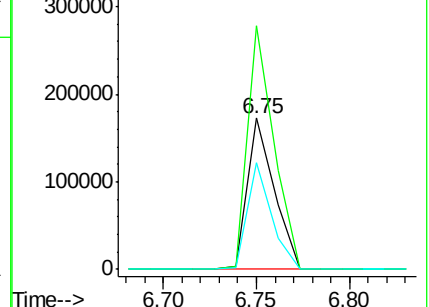
115 70.4 47.0 70.6



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: 102.99 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.08 min

Lab File: BF082977.D

Acq: 17 Nov 2015 20:35

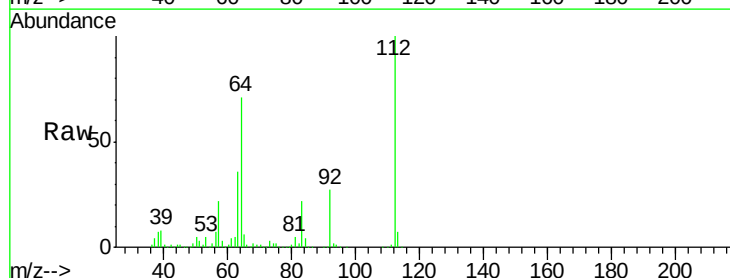
Tgt Ion:112 Resp: 1130754

Ion Ratio Lower Upper

112 100

64 70.7 48.9 73.3

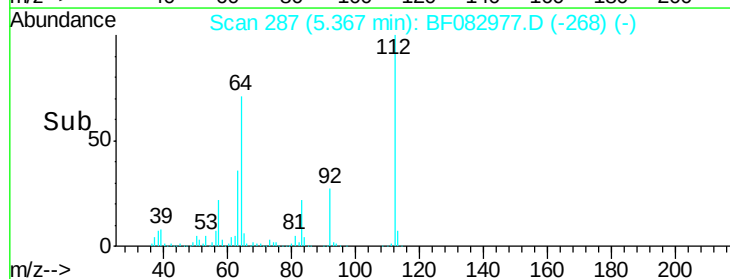
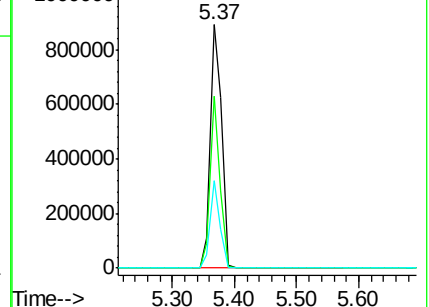
63 36.1 28.1 42.1

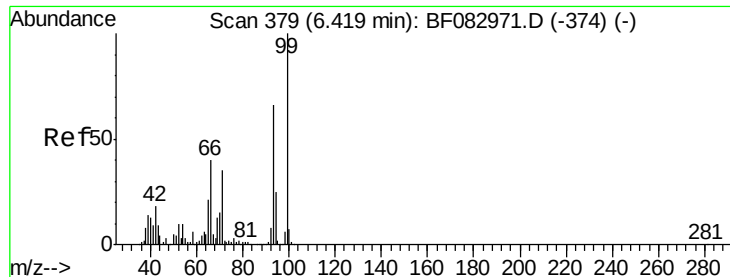


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 90.51 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.08 min

Lab File: BF082977.D

Acq: 17 Nov 2015 20:35

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-008

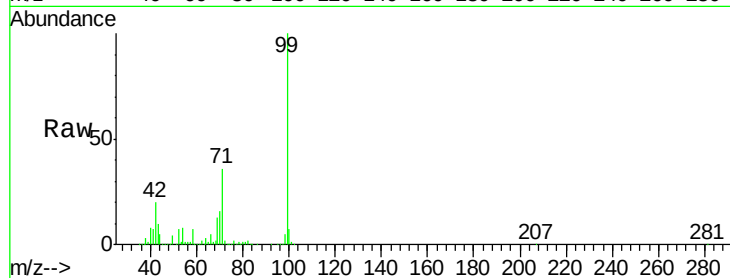
Tgt Ion: 99 Resp: 1321169

Ion Ratio Lower Upper

99 100

42 19.8 19.2 28.8

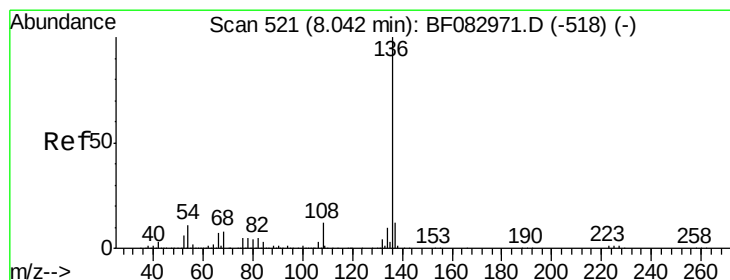
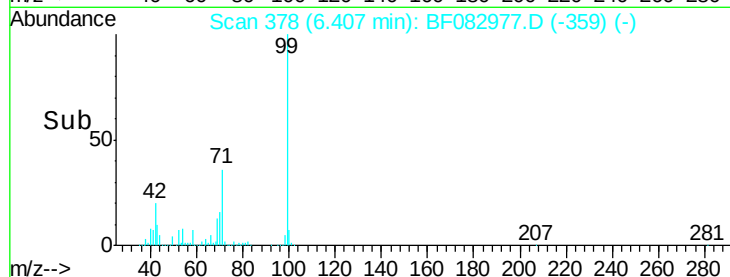
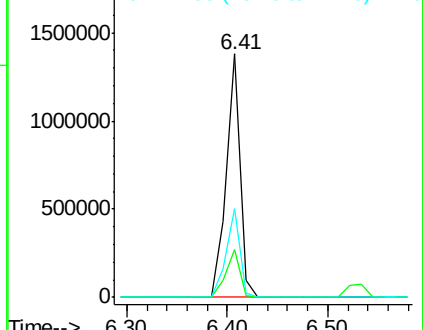
71 36.2 35.0 52.4



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: 8.04 min Scan# 521

Delta R.T. -0.10 min

Lab File: BF082977.D

Acq: 17 Nov 2015 20:35

Tgt Ion: 136 Resp: 674755

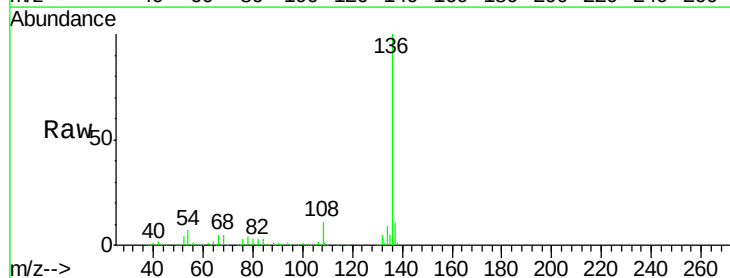
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.2 9.1 13.7#

68 5.4 4.8 7.2

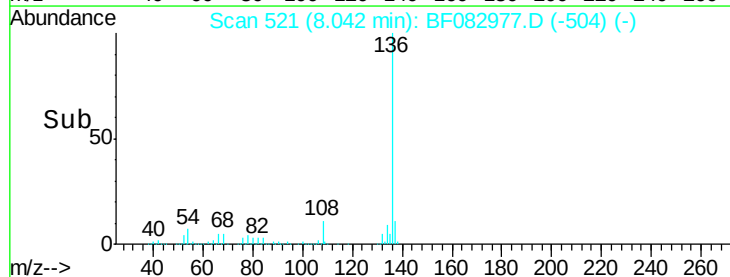
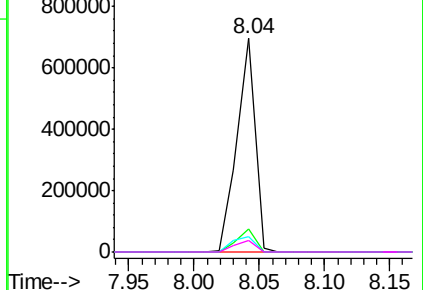


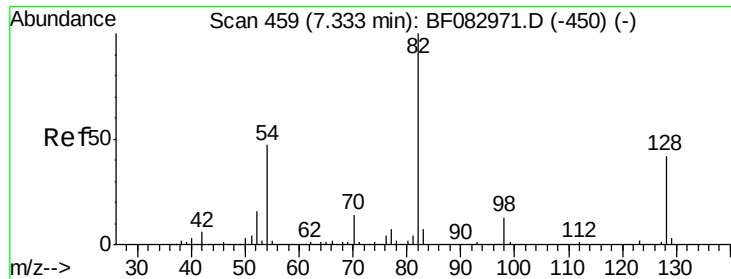
Abundance Ion 136.00 (135.70 to 136.70): E

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

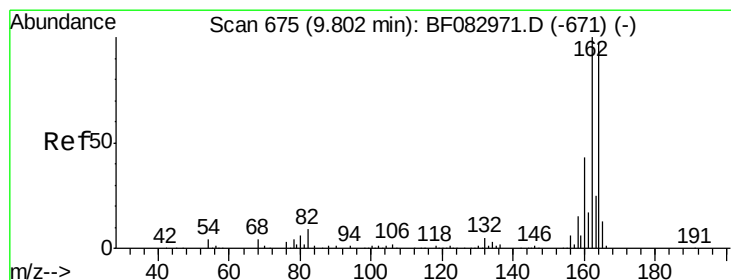
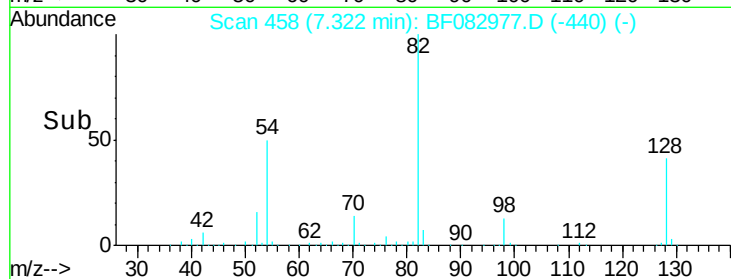
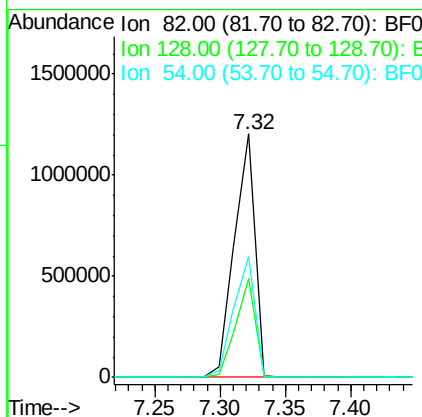
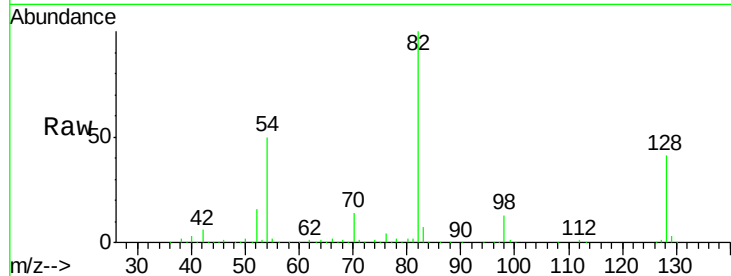




#23
 Nitrobenzene-d5
 Concen: 84.66 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.09 min
 Lab File: BF082977.D
 Acq: 17 Nov 2015 20:35

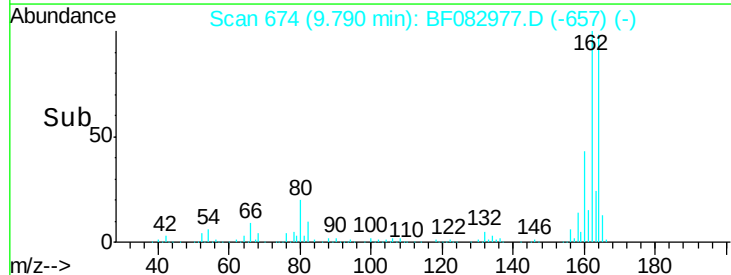
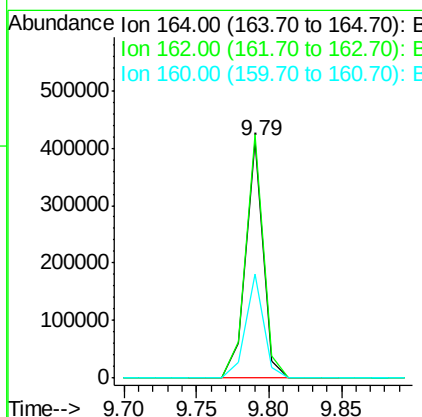
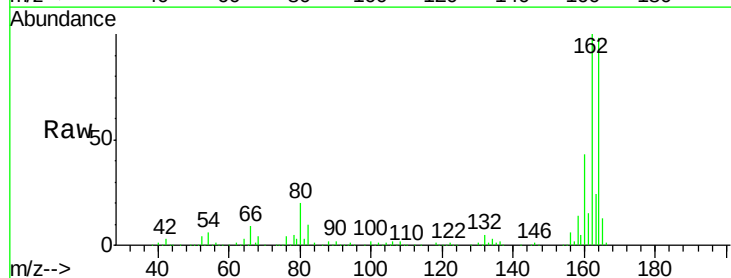
Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-008

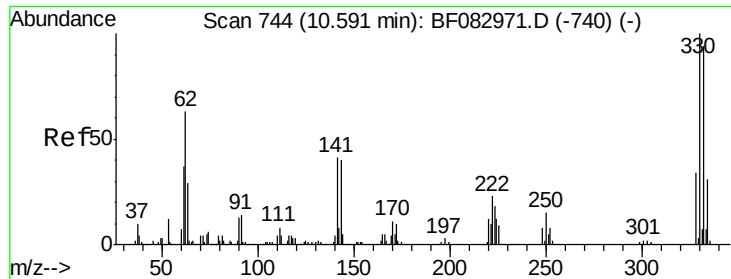
Tgt Ion: 82 Resp: 1312774
 Ion Ratio Lower Upper
 82 100
 128 40.6 26.8 40.2#
 54 49.8 45.7 68.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.10 min
 Lab File: BF082977.D
 Acq: 17 Nov 2015 20:35

Tgt Ion: 164 Resp: 346578
 Ion Ratio Lower Upper
 164 100
 162 102.5 84.9 127.3
 160 43.6 37.5 56.3

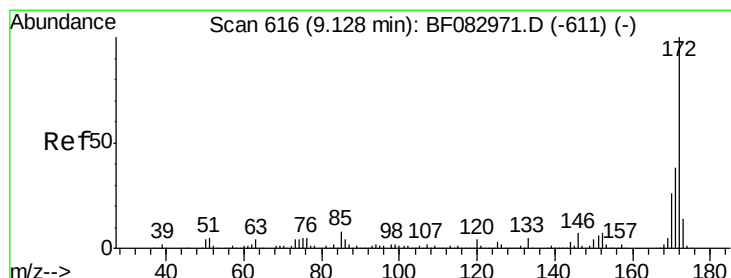
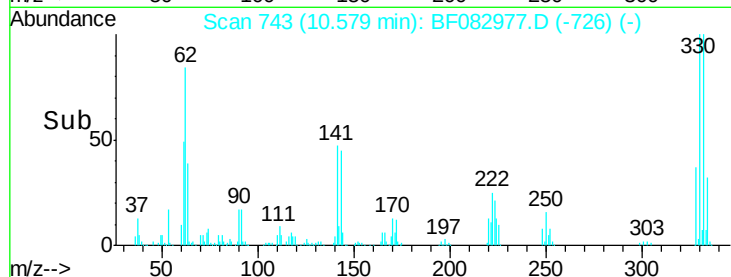
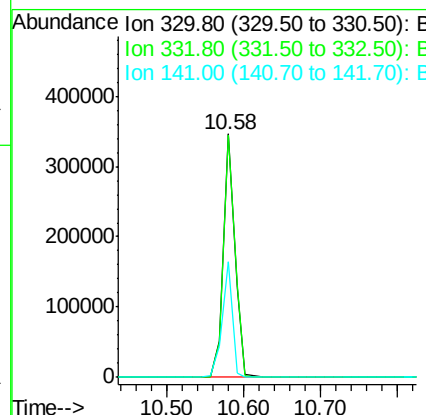
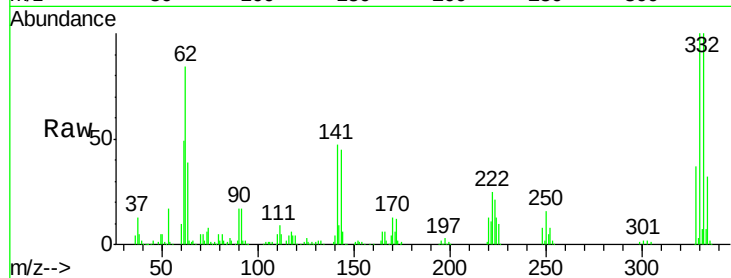




#41
 2,4,6-Tribromophenol
 Concen: 92.79 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.10 min
 Lab File: BF082977.D
 Acq: 17 Nov 2015 20:35

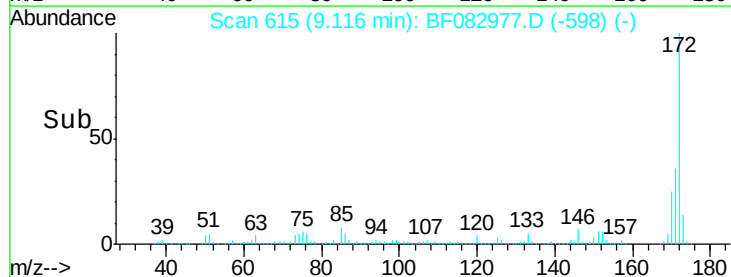
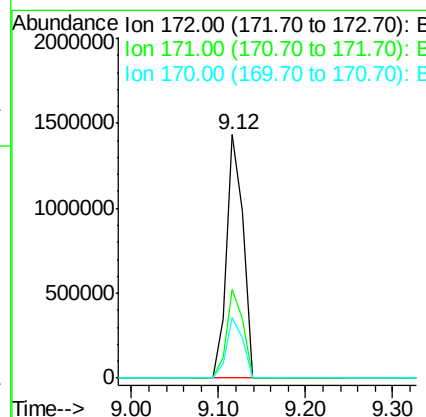
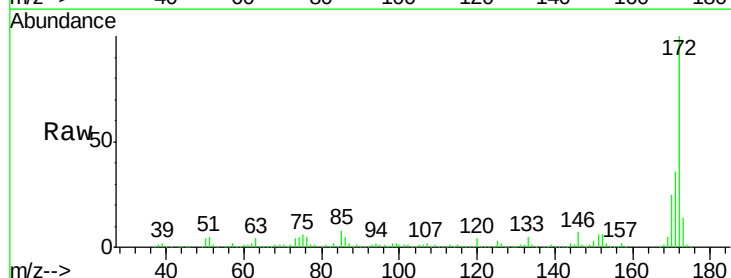
Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-008

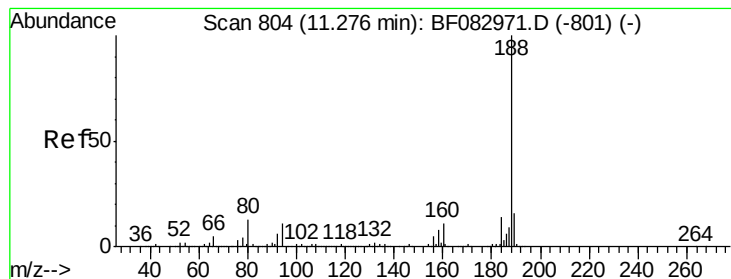
Tgt Ion:330 Resp: 368733
 Ion Ratio Lower Upper
 330 100
 332 99.7 76.6 114.8
 141 41.0 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 79.14 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.10 min
 Lab File: BF082977.D
 Acq: 17 Nov 2015 20:35

Tgt Ion:172 Resp: 1913661
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.8 46.2
 170 25.1 21.2 31.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.10 min

Lab File: BF082977.D

Acq: 17 Nov 2015 20:35

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-008

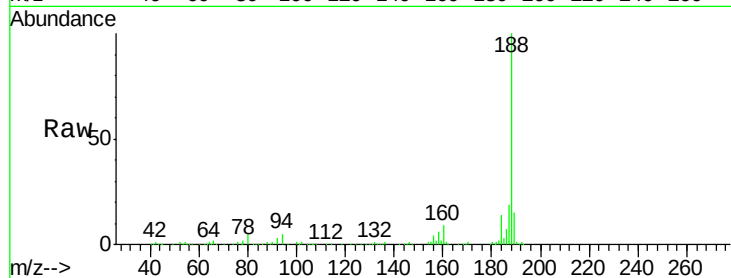
Tgt Ion:188 Resp: 624403

Ion Ratio Lower Upper

188 100

94 5.3 6.1 9.1#

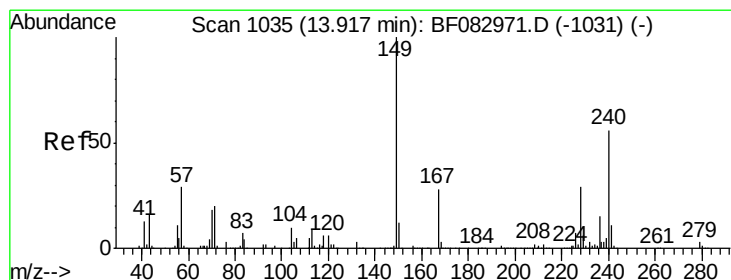
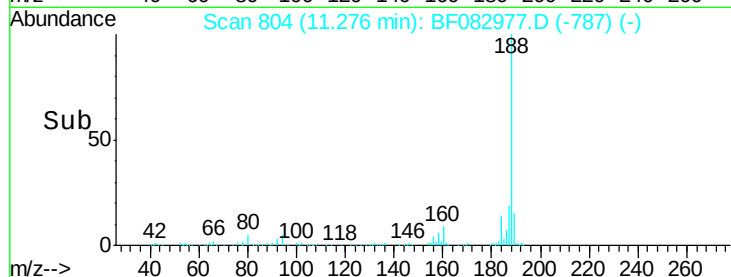
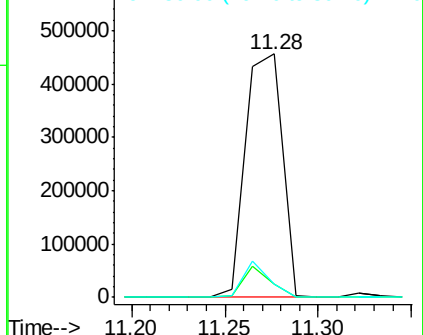
80 5.4 7.0 10.6#



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: 13.91 min Scan# 1034

Delta R.T. -0.11 min

Lab File: BF082977.D

Acq: 17 Nov 2015 20:35

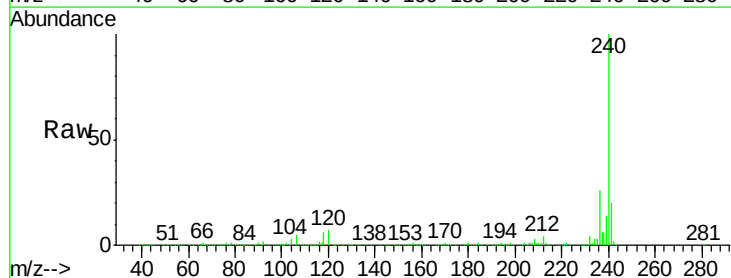
Tgt Ion:240 Resp: 632606

Ion Ratio Lower Upper

240 100

120 6.7 10.9 16.3#

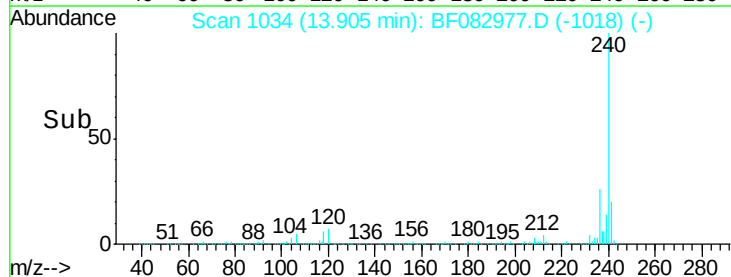
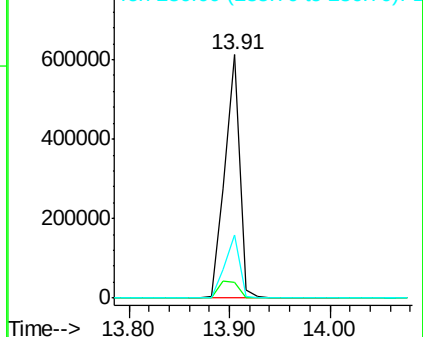
236 25.8 21.6 32.4

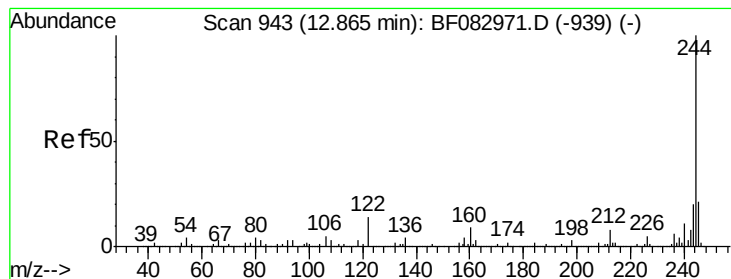


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.84 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.10 min

Lab File: BF082977.D

Acq: 17 Nov 2015 20:35

Instrument :

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ClientSampleId :

WC-SOIL-008

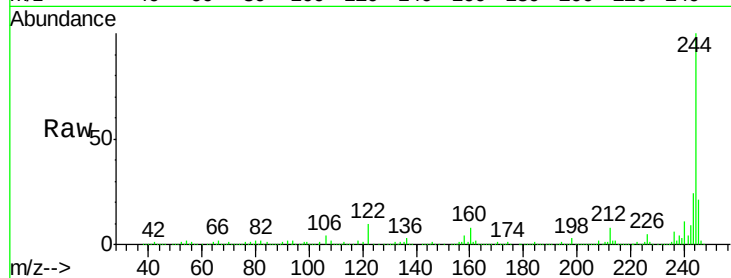
Tgt Ion:244 Resp: 1969314

Ion Ratio Lower Upper

244 100

212 8.0 7.6 11.4

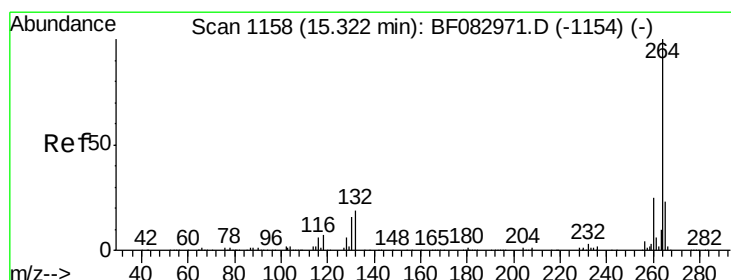
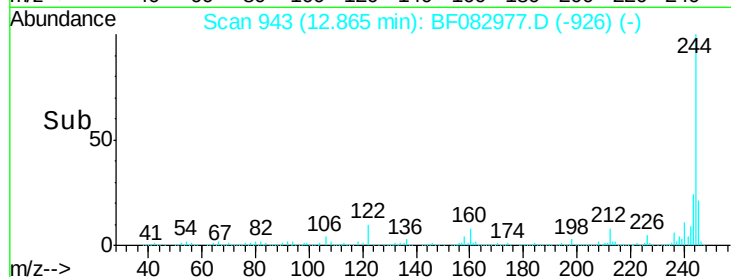
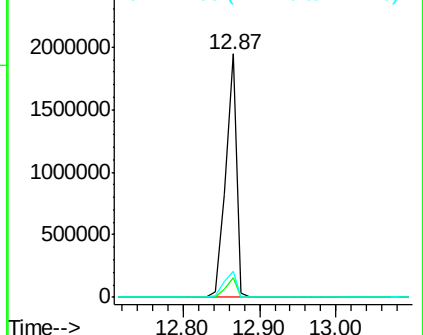
122 10.5 11.3 16.9#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.30 min Scan# 1156

Delta R.T. -0.16 min

Lab File: BF082977.D

Acq: 17 Nov 2015 20:35

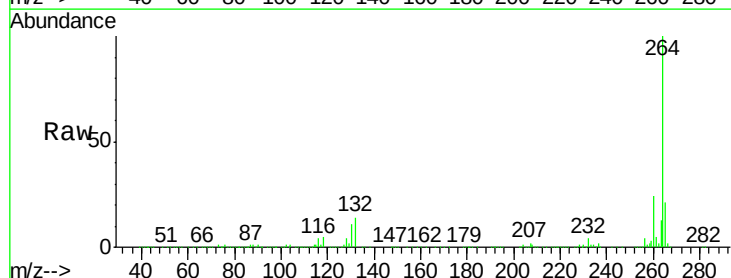
Tgt Ion:264 Resp: 488678

Ion Ratio Lower Upper

264 100

260 23.8 19.8 29.6

265 21.3 17.4 26.0



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

