

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100715\
 Data File : BF082107.D
 Acq On : 7 Oct 2015 16:30
 Operator : UM/IZ
 Sample : G3707-03
 Misc : LOD 8PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Oct 08 03:52:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 02:46:05 2015
 Response via : Initial Calibration

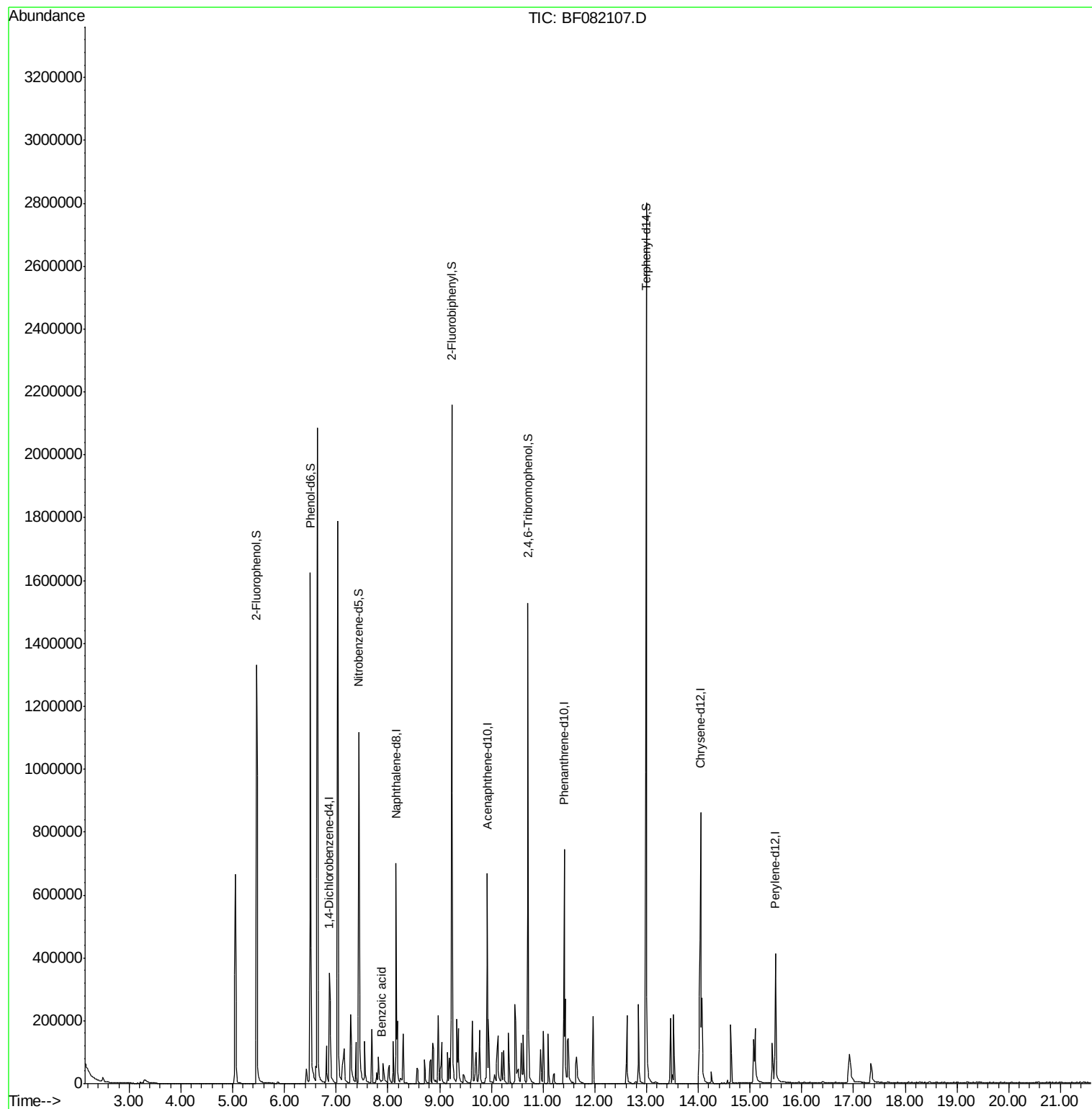
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	82892	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	335097	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	167023	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	337553	20.00	ng	0.00
75) Chrysene-d12	14.05	240	333510	20.00	ng	-0.01
86) Perylene-d12	15.49	264	264516	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	533225	116.78	ng	0.00
7) Phenol-d6	6.50	99	645336	112.31	ng	0.00
23) Nitrobenzene-d5	7.44	82	417910	83.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	206267	121.94	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	840528	84.02	ng	-0.01
78) Terphenyl-d14	13.00	244	1019179	105.67	ng	0.00
Target Compounds						
32) Benzoic acid	7.87	122	8839m	10.06	ng	Qvalue

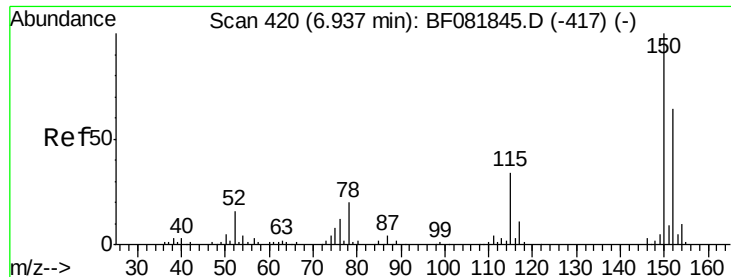
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 08 02:46:05 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF082107.D

Acq: 7 Oct 2015 16:30

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

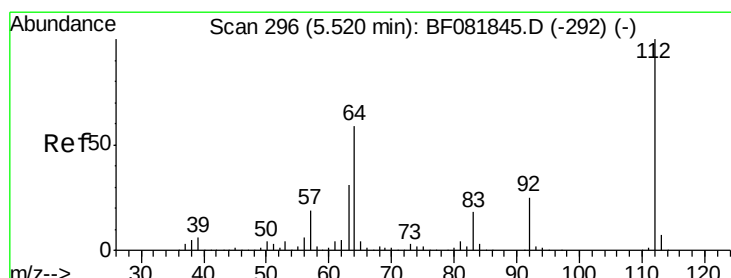
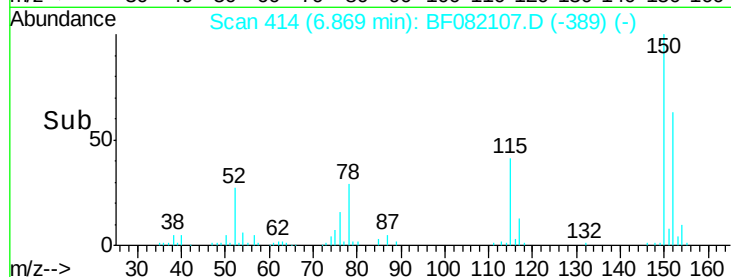
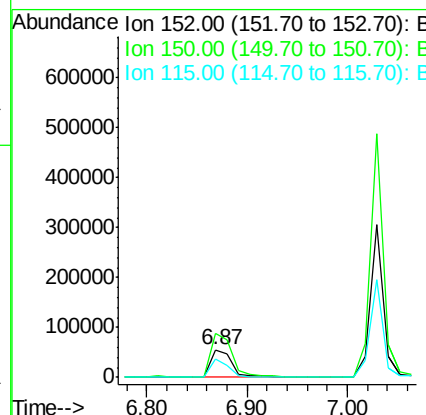
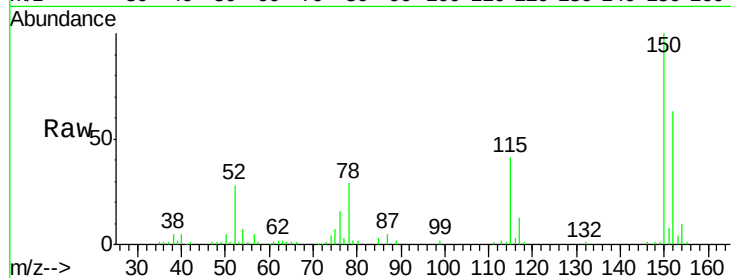
Tgt Ion:152 Resp: 82892

Ion Ratio Lower Upper

152 100

150 158.3 124.7 187.1

115 65.5 39.0 58.4#



#5

2-Fluorophenol

Concen: 116.78 ng

RT: 5.46 min Scan# 291

Delta R.T. -0.00 min

Lab File: BF082107.D

Acq: 7 Oct 2015 16:30

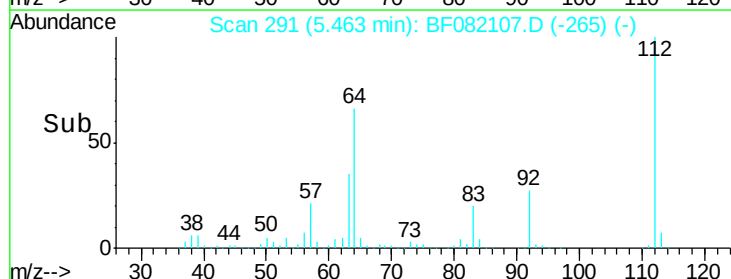
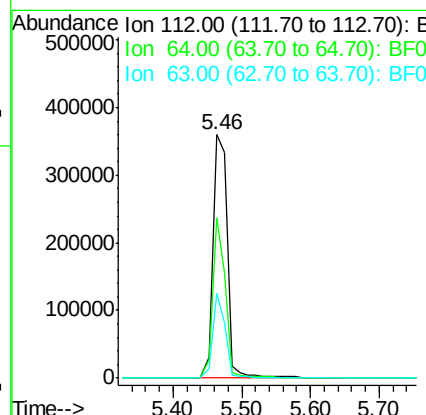
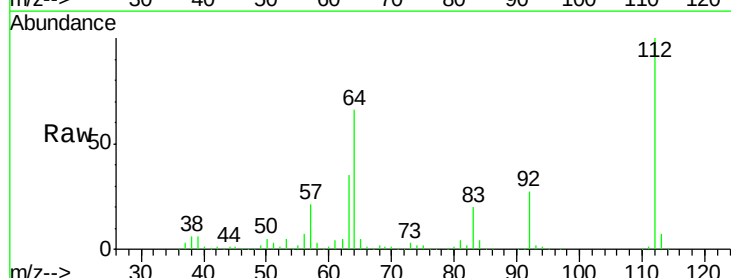
Tgt Ion:112 Resp: 533225

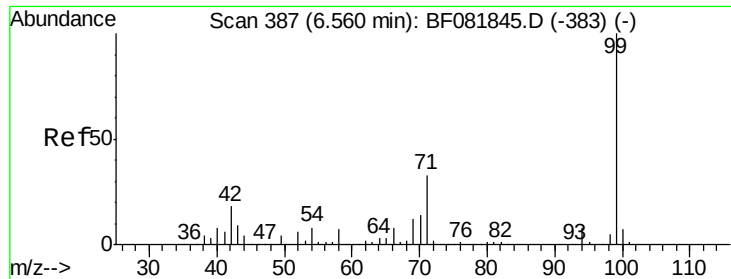
Ion Ratio Lower Upper

112 100

64 65.7 39.7 59.5#

63 34.7 17.4 26.0#





#7

Phenol-d6

Concen: 112.31 ng

RT: 6.50 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF082107.D

Acq: 7 Oct 2015 16:30

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

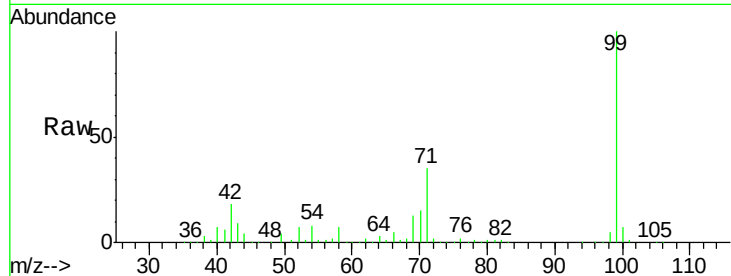
Tgt Ion: 99 Resp: 645336

Ion Ratio Lower Upper

99 100

42 18.1 13.7 20.5

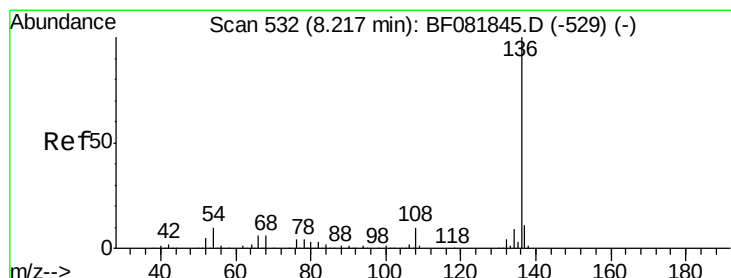
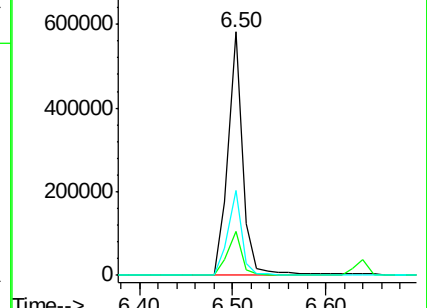
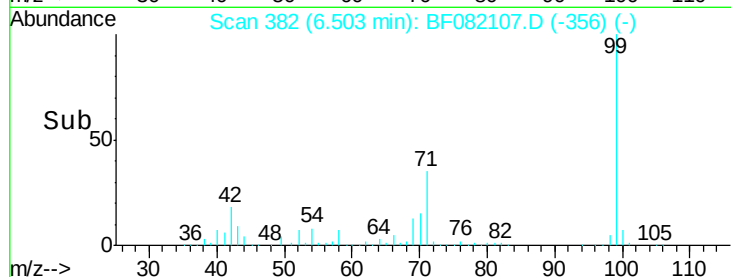
71 34.7 14.2 21.2#



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: 8.16 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF082107.D

Acq: 7 Oct 2015 16:30

Tgt Ion: 136 Resp: 335097

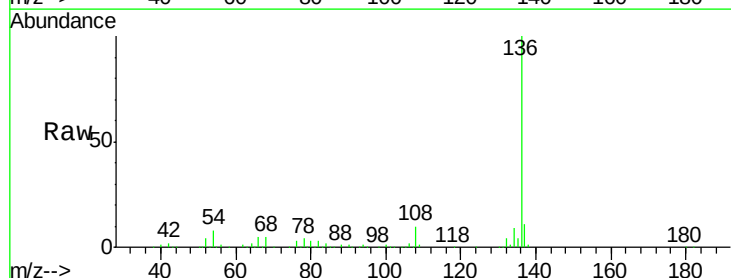
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 8.0 8.2 12.2#

68 5.2 5.8 8.6#

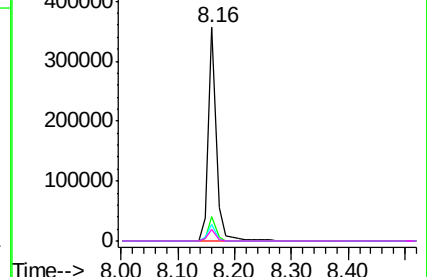
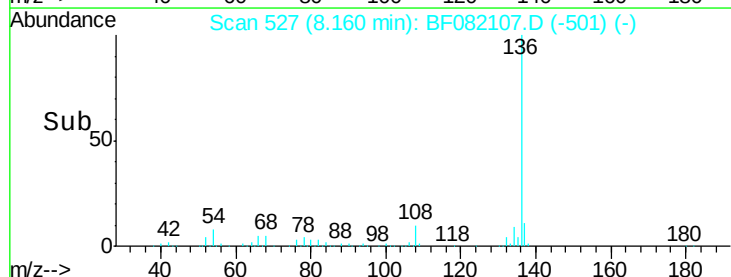


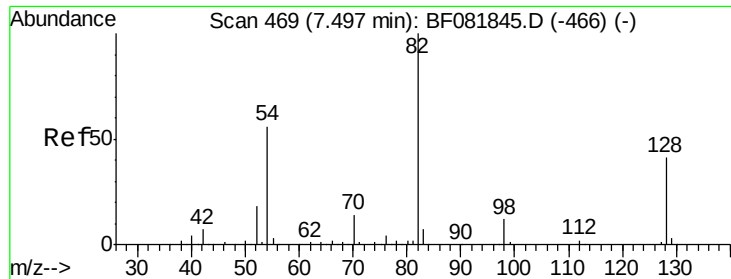
Abundance Ion 136.00 (135.70 to 136.70): E

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

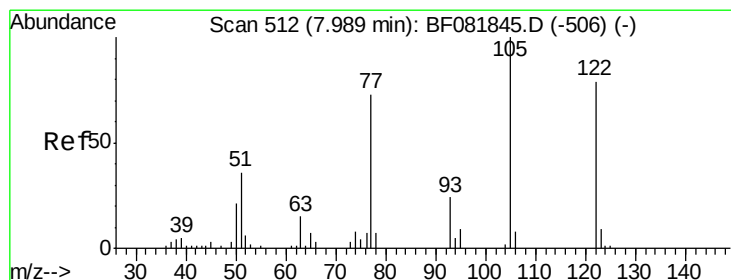
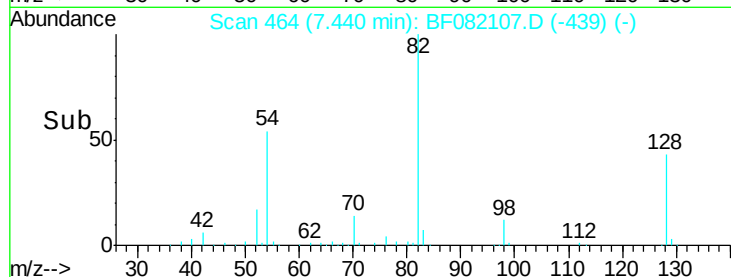
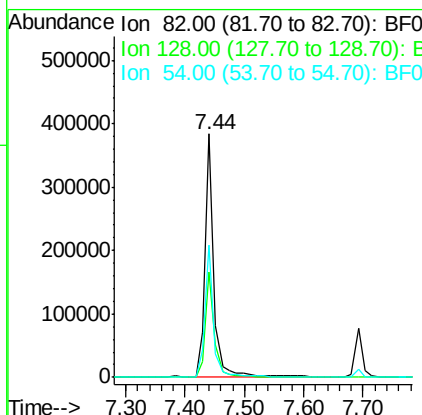
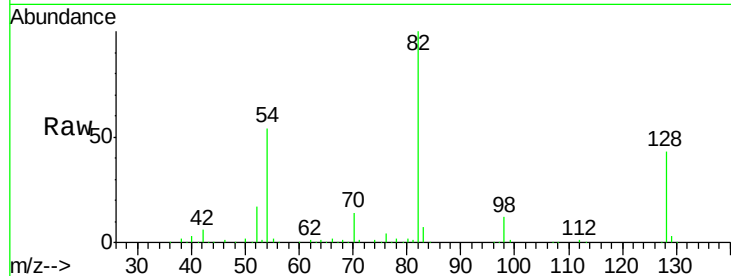




#23
 Nitrobenzene-d5
 Concen: 83.13 ng
 RT: 7.44 min Scan# 464
 Delta R.T. -0.01 min
 Lab File: BF082107.D
 Acq: 7 Oct 2015 16:30

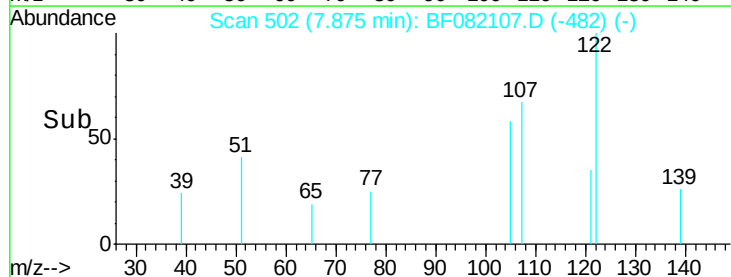
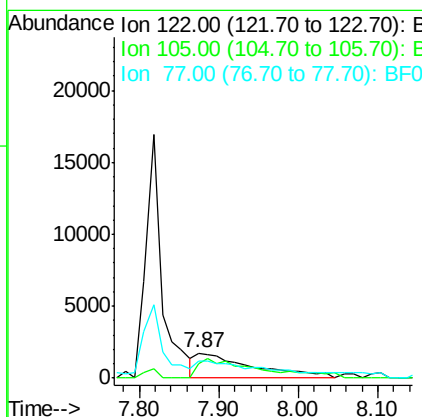
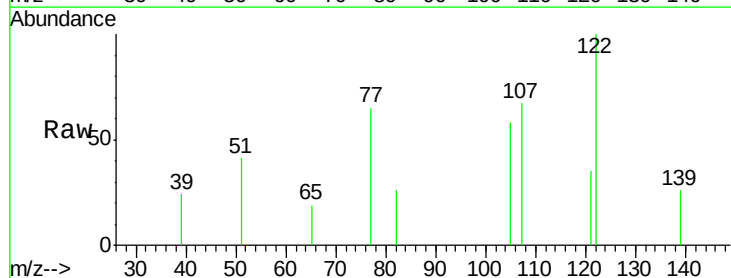
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

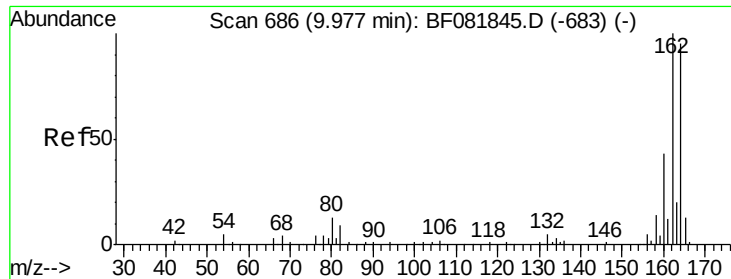
Tgt Ion: 82 Resp: 417910
 Ion Ratio Lower Upper
 82 100
 128 43.3 51.0 76.6#
 54 54.1 47.5 71.3



#32
 Benzoic acid
 Concen: 10.06 ng m
 RT: 7.87 min Scan# 502
 Delta R.T. -0.07 min
 Lab File: BF082107.D
 Acq: 7 Oct 2015 16:30

Tgt Ion: 122 Resp: 8839
 Ion Ratio Lower Upper
 122 100
 105 58.1 76.1 116.1#
 77 65.0 40.5 80.5

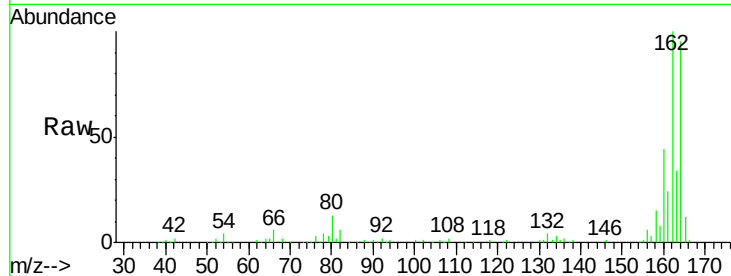




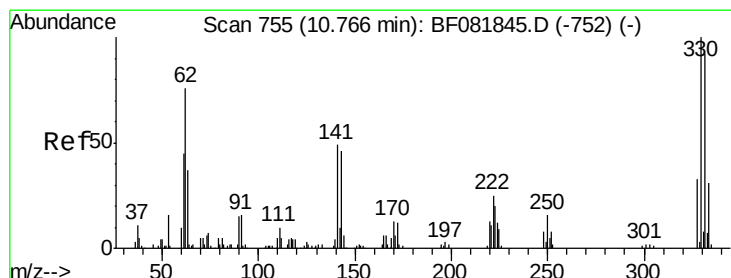
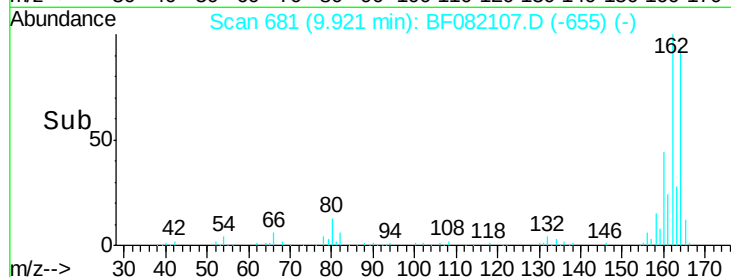
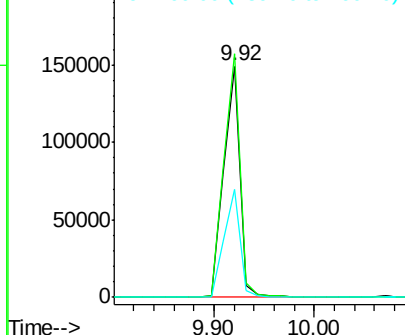
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF082107.D
 Acq: 7 Oct 2015 16:30

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:164 Resp: 167023
 Ion Ratio Lower Upper
 164 100
 162 105.4 75.2 112.8
 160 46.4 31.5 47.3

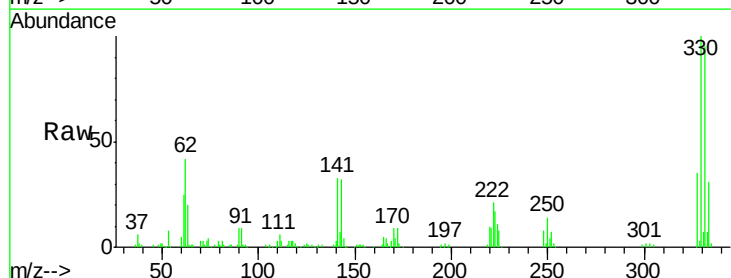


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

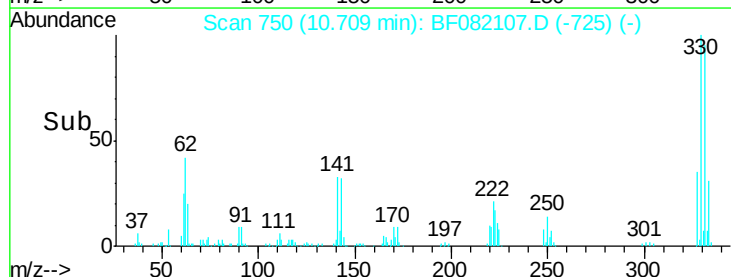
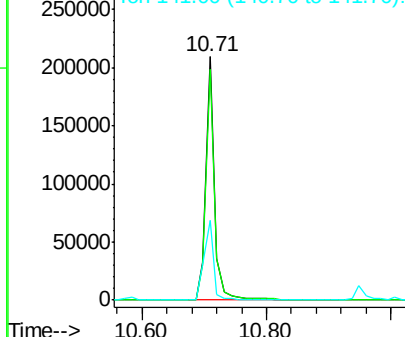


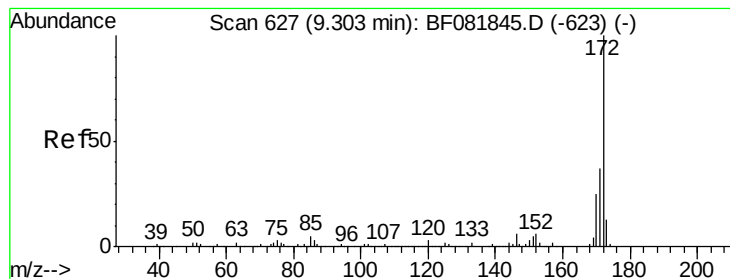
#41
 2,4,6-Tribromophenol
 Concen: 121.94 ng
 RT: 10.71 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF082107.D
 Acq: 7 Oct 2015 16:30

Tgt Ion:330 Resp: 206267
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 36.6 29.7 44.5



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

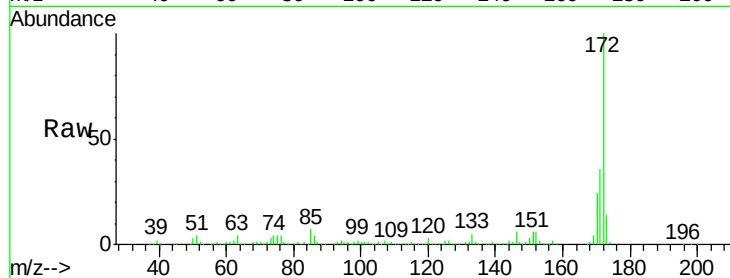




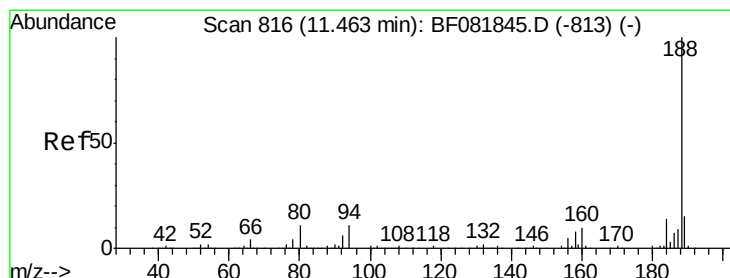
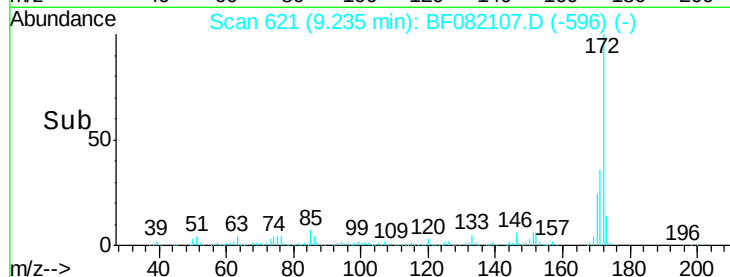
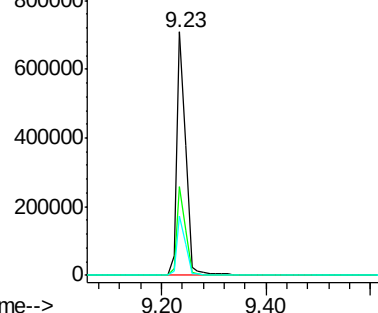
#44
 2-Fluorobiphenyl
 Concen: 84.02 ng
 RT: 9.23 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF082107.D
 Acq: 7 Oct 2015 16:30

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:172 Resp: 840528
 Ion Ratio Lower Upper
 172 100
 171 36.2 26.1 39.1
 170 24.2 17.4 26.2

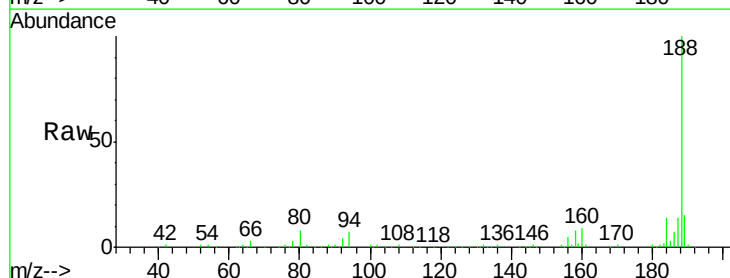


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

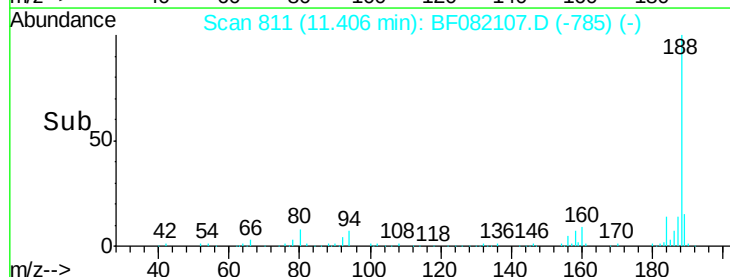
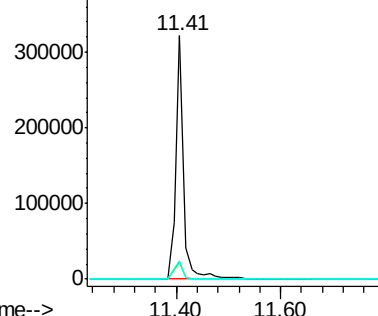


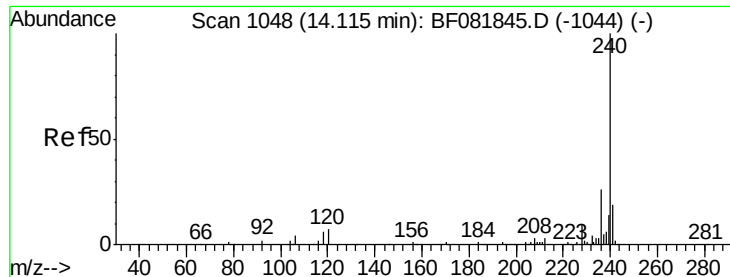
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF082107.D
 Acq: 7 Oct 2015 16:30

Tgt Ion:188 Resp: 337553
 Ion Ratio Lower Upper
 188 100
 94 7.2 11.1 16.7#
 80 7.6 11.0 16.4#



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: 14.05 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF082107.D

Acq: 7 Oct 2015 16:30

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

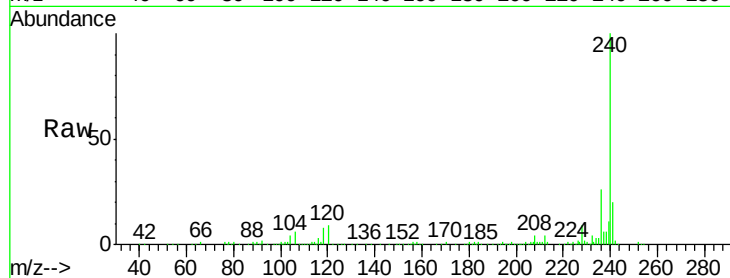
Tgt Ion:240 Resp: 333510

Ion Ratio Lower Upper

240 100

120 9.0 16.2 24.2#

236 26.0 18.4 27.6



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

14.05

400000

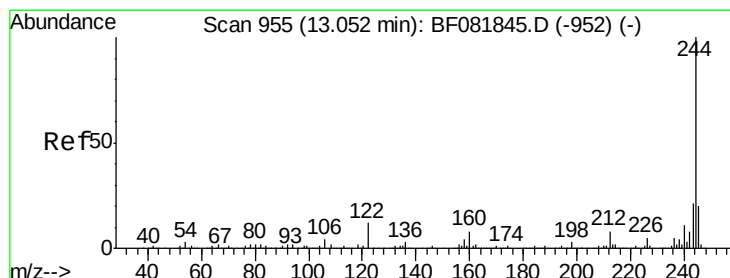
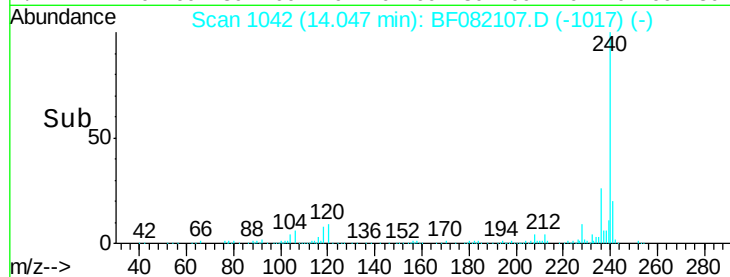
300000

200000

100000

0

Time-->



#78

Terphenyl-d14

Concen: 105.67 ng

RT: 13.00 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF082107.D

Acq: 7 Oct 2015 16:30

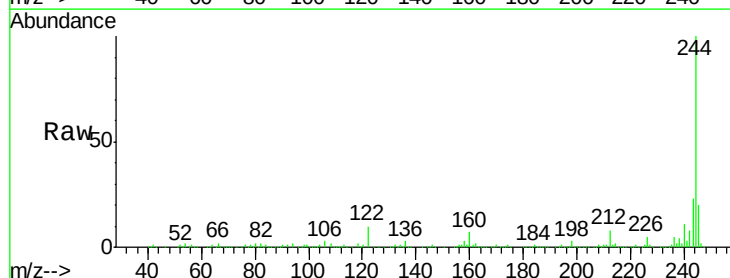
Tgt Ion:244 Resp: 1019179

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

122 9.9 17.4 26.2#



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

13.00

1200000

1000000

800000

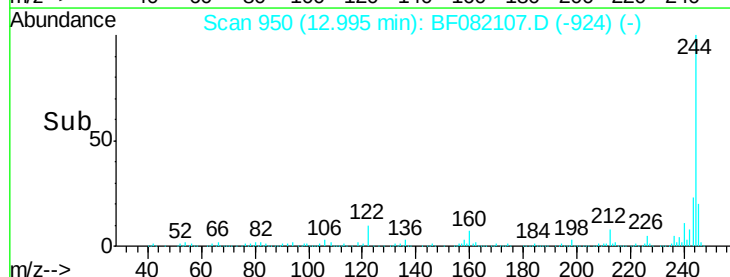
600000

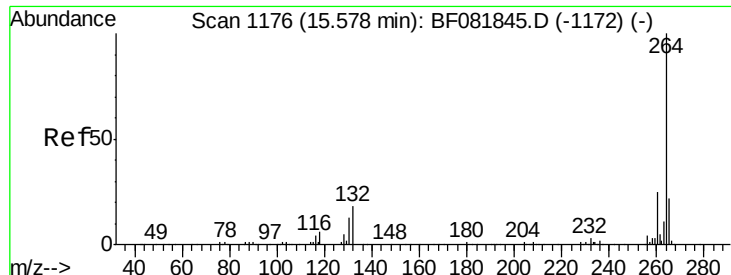
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200000

0

Time-->

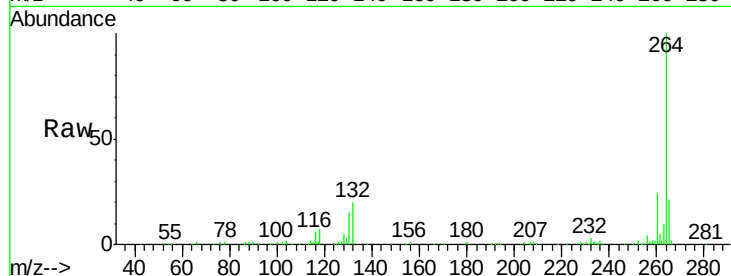




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF082107.D
Acq: 7 Oct 2015 16:30

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion: 264 Resp: 264516
Ion Ratio Lower Upper
264 100
260 24.1 16.7 25.1
265 21.0 17.2 25.8



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

