

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090215\
 Data File : BF081339.D
 Acq On : 2 Sep 2015 10:17
 Operator : UM/IZ
 Sample : G3479-15RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3-8(0-2)

Quant Time: Sep 02 22:58:58 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 22:52:41 2015
 Response via : Initial Calibration

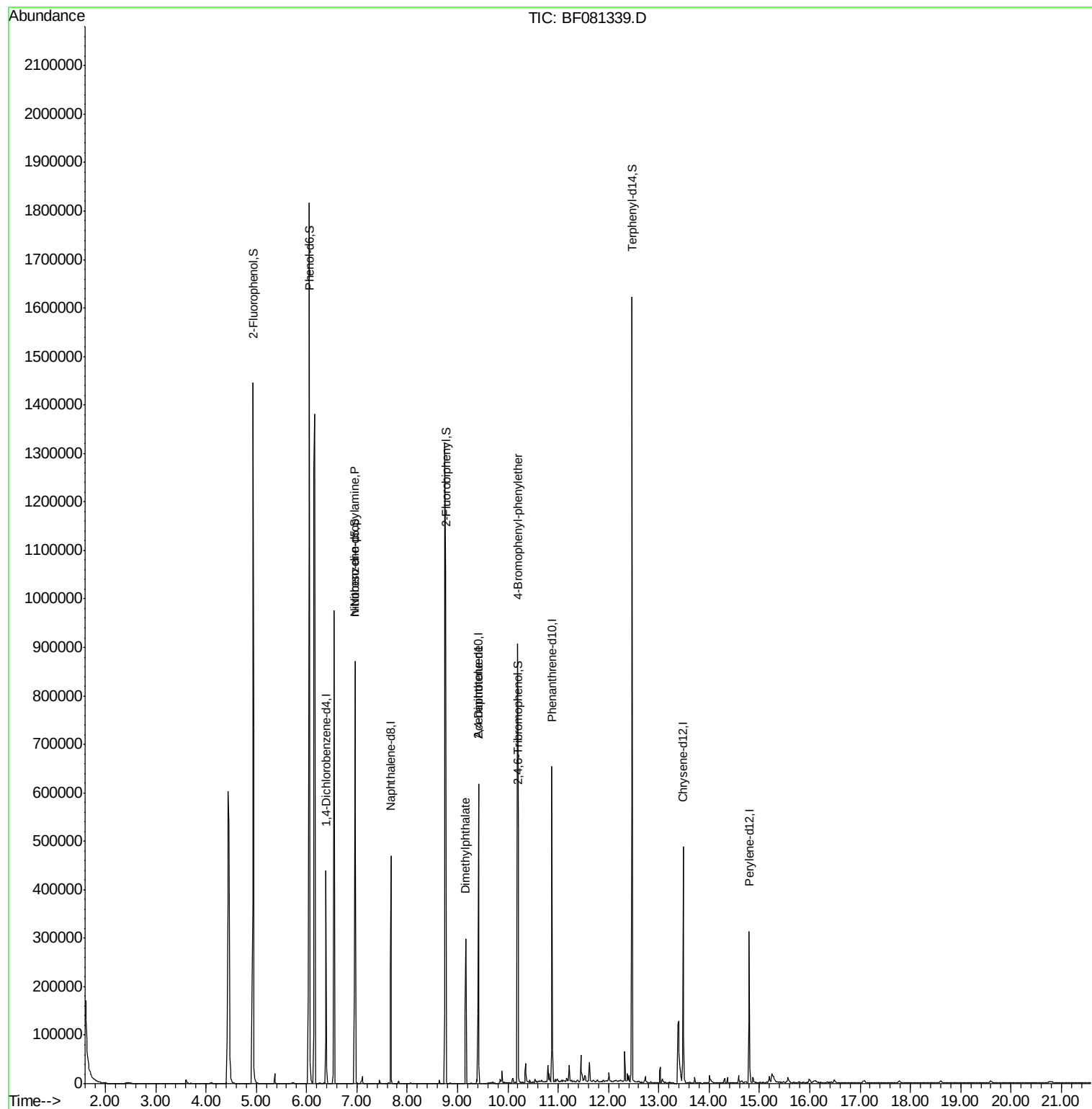
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	60719	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	236116	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	117834	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	216320	20.00	ng	0.00
75) Chrysene-d12	13.49	240	162189	20.00	ng	-0.01
86) Perylene-d12	14.80	264	125956	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	461921	118.03	ng	0.01
7) Phenol-d6	6.06	99	727532	140.44	ng	0.00
23) Nitrobenzene-d5	6.96	82	375872	76.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.20	330	117605	112.09	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	593864	64.58	ng	0.00
78) Terphenyl-d14	12.47	244	500234	71.80	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.96	70	49509	14.04	ng	# 65
49) Dimethylphthalate	9.16	163	137029	14.97	ng	# 96
56) 2,4-Dinitrotoluene	9.42	165	14801	5.59	ng	# 33
66) 4-Bromophenyl-phenylether	10.19	248	7815	3.57	ng	# 1

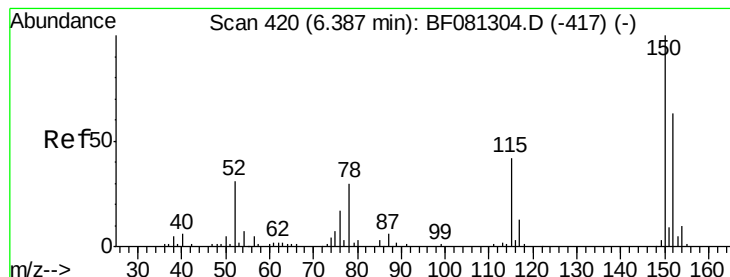
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090215\
Data File : BF081339.D
Acq On : 2 Sep 2015 10:17
Operator : UM/IZ
Sample : G3479-15RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COFF-3-8(0-2)

Quant Time: Sep 02 22:58:58 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 22:52:41 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF081339.D

Acq: 2 Sep 2015 10:17

Instrument :

BNA_F

ClientSampleId :

COFF-3-8(0-2)

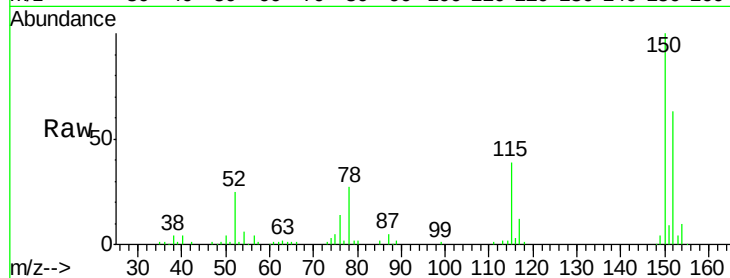
Tot Ion:152 Resp: 60719

Ion Ratio Lower Upper

152 100

150 159.8 124.7 187.1

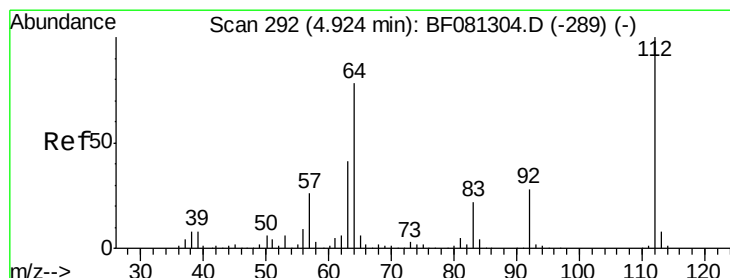
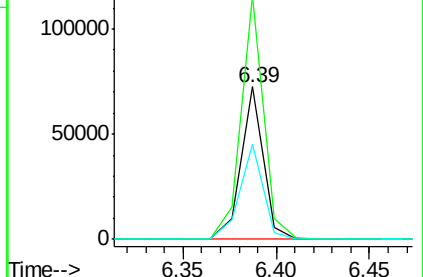
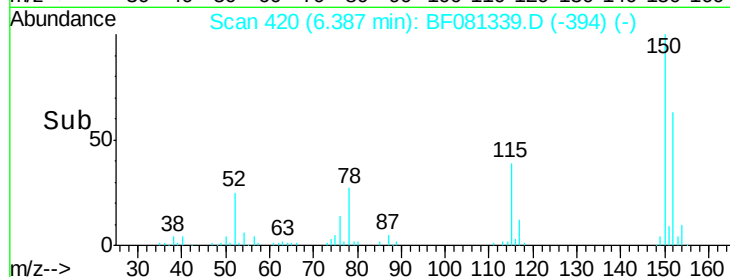
115 62.5 39.0 58.4#



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: 118.03 ng

RT: 4.94 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF081339.D

Acq: 2 Sep 2015 10:17

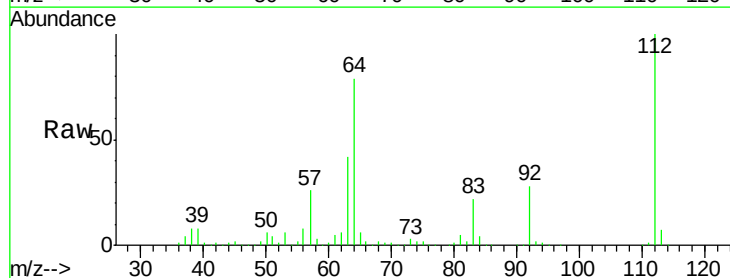
Tgt Ion:112 Resp: 461921

Ion Ratio Lower Upper

112 100

64 79.3 39.7 59.5#

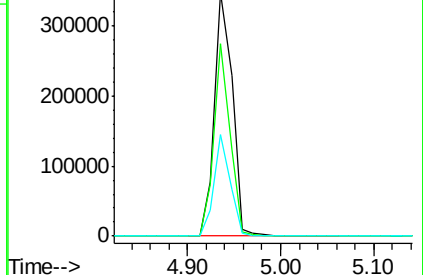
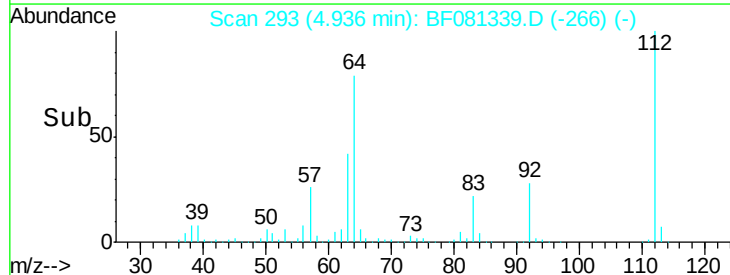
63 41.7 17.4 26.0#

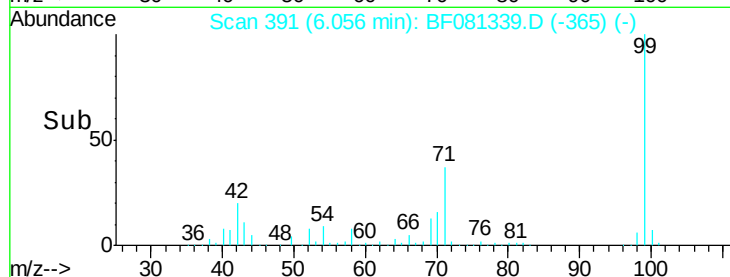
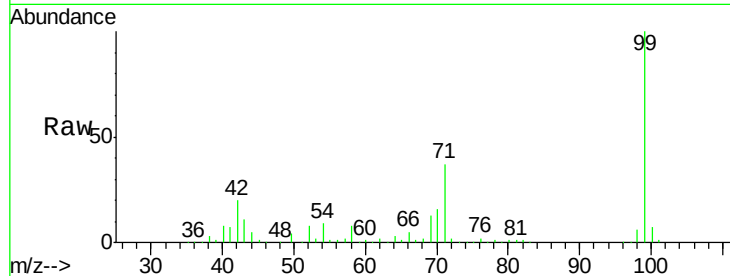
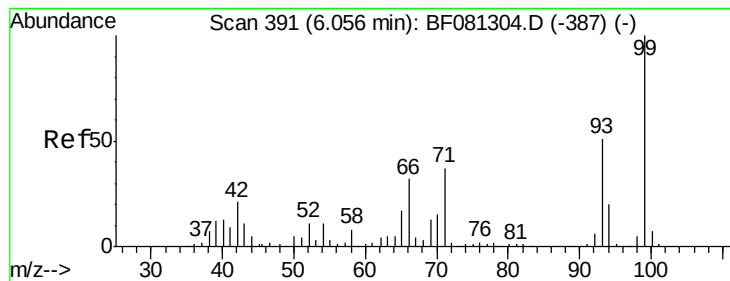


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 140.44 ng

RT: 6.06 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF081339.D

Acq: 2 Sep 2015 10:17

Instrument :

BNA_F

ClientSampled :

COFF-3-8(0-2)

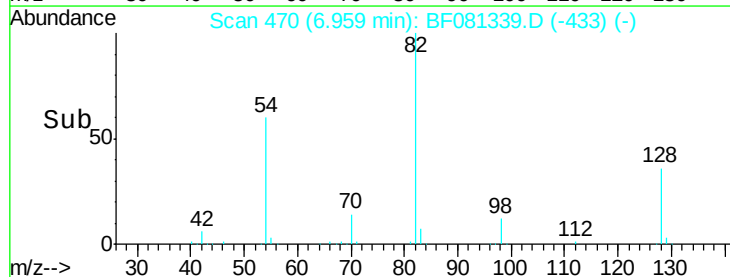
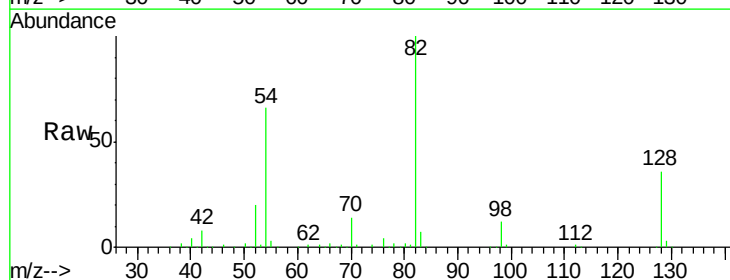
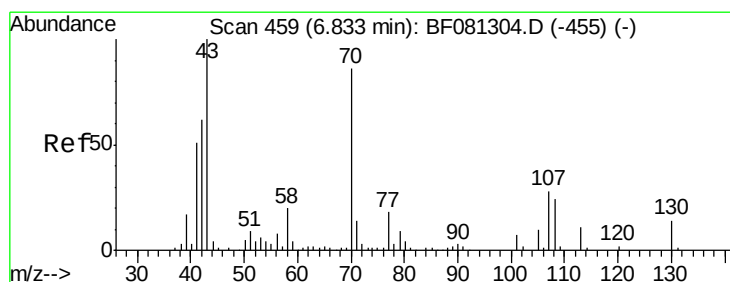
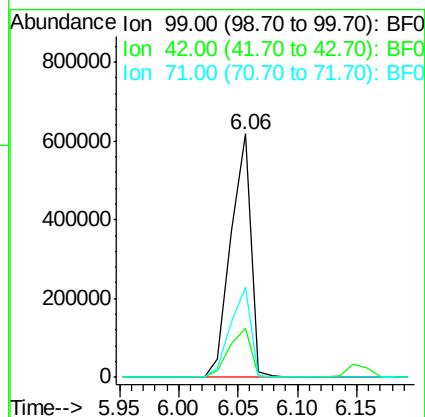
Tot Ion: 99 Resp: 727532

Ion Ratio Lower Upper

99 100

42 20.4 13.7 20.5

71 37.1 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 14.04 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.13 min

Lab File: BF081339.D

Acq: 2 Sep 2015 10:17

Tgt Ion: 70 Resp: 49509

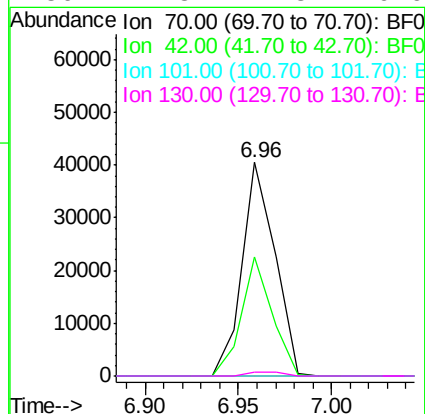
Ion Ratio Lower Upper

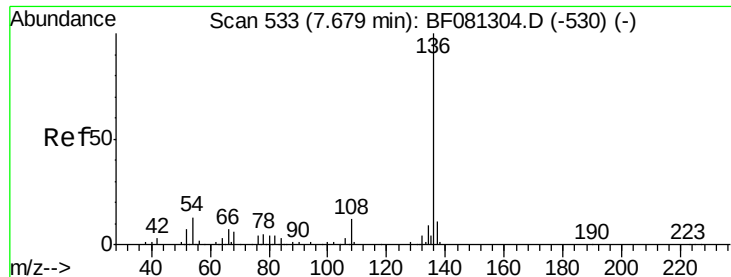
70 100

42 55.7 63.8 95.6#

101 0.0 9.2 13.8#

130 1.8 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF081339.D

Acq: 2 Sep 2015 10:17

Instrument :

BNA_F

ClientSampleId :

COFF-3-8(0-2)

Tot Ion:136 Resp: 236116

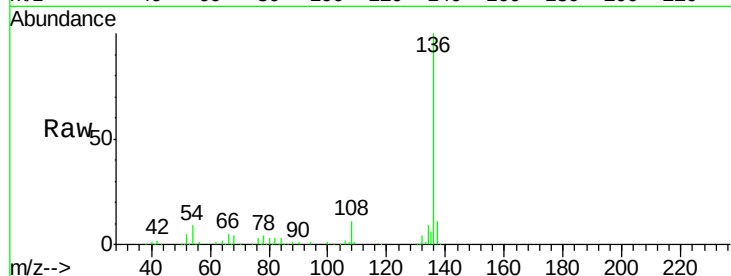
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 8.8 8.2 12.2

68 4.1 5.8 8.6#

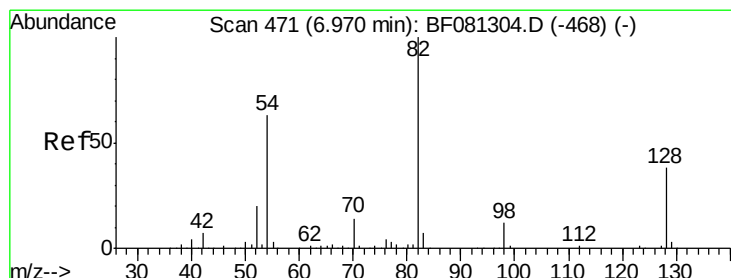
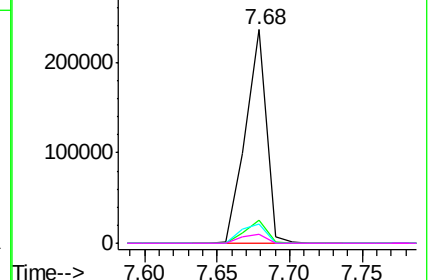
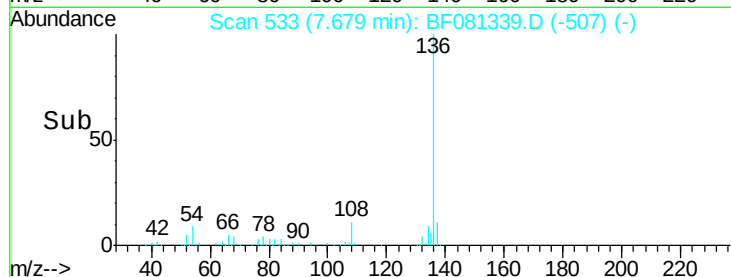


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.80 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF081339.D

Acq: 2 Sep 2015 10:17

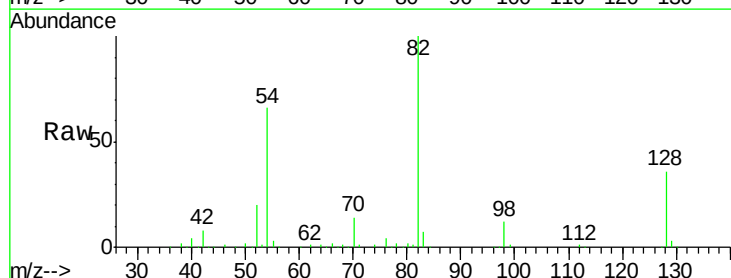
Tgt Ion: 82 Resp: 375872

Ion Ratio Lower Upper

82 100

128 35.8 51.0 76.6#

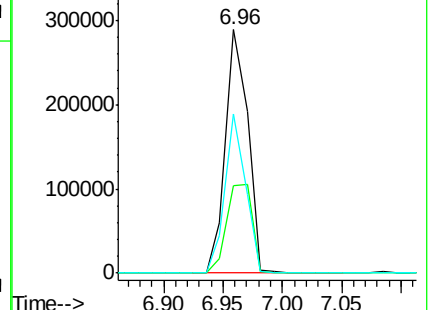
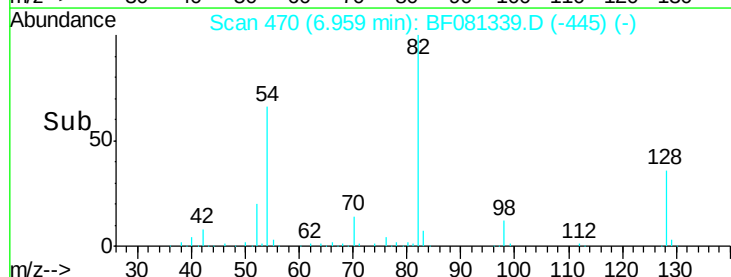
54 65.6 47.5 71.3

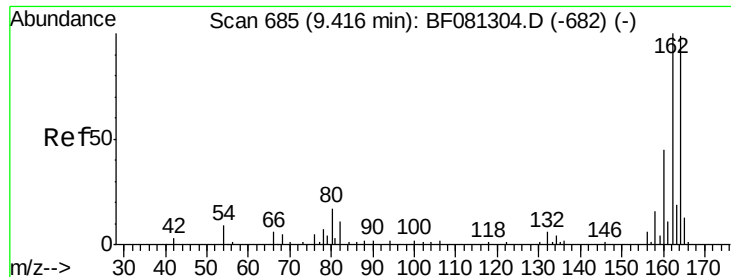


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

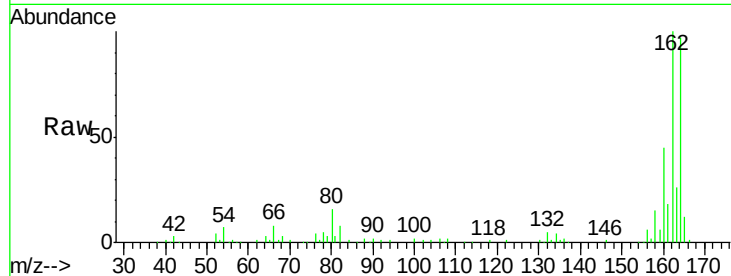




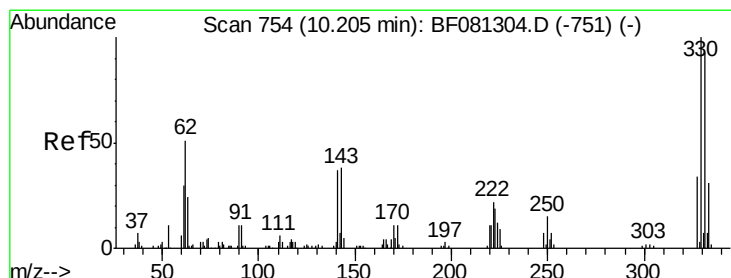
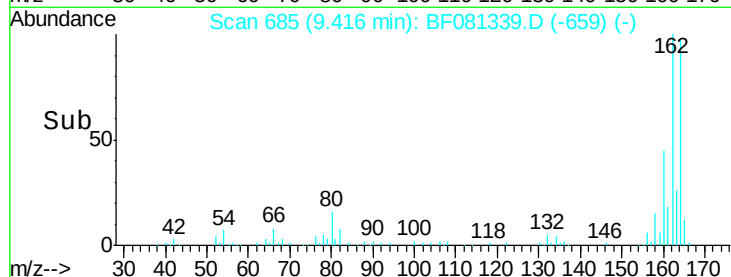
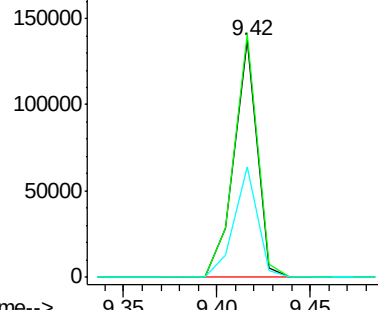
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.00 min
 Lab File: BF081339.D
 Acq: 2 Sep 2015 10:17

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3-8(0-2)

Tot Ion:164 Resp: 117834
 Ion Ratio Lower Upper
 164 100
 162 102.8 75.2 112.8
 160 46.6 31.5 47.3

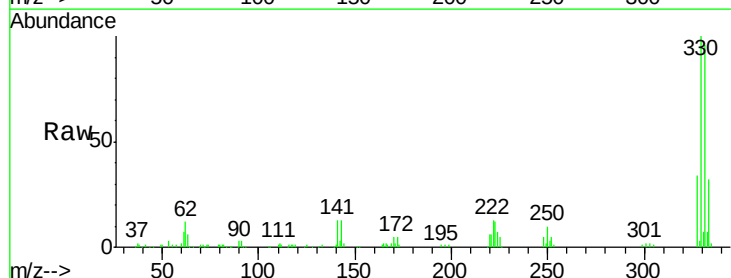


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

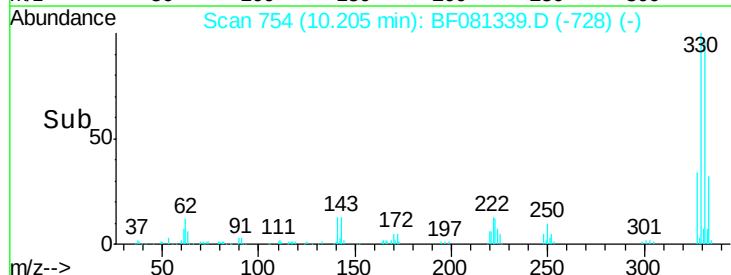
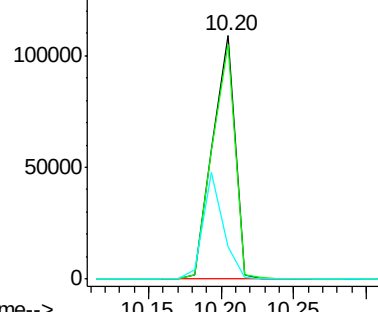


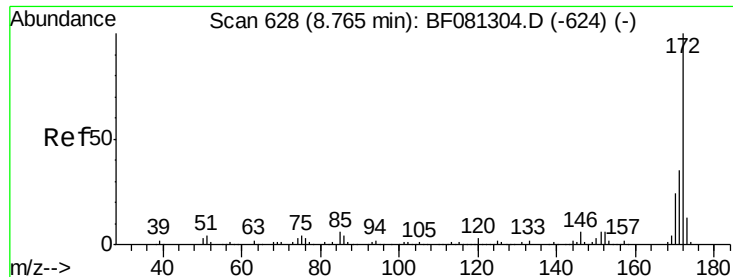
#41
 2,4,6-Tribromophenol
 Concen: 112.09 ng
 RT: 10.20 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: BF081339.D
 Acq: 2 Sep 2015 10:17

Tgt Ion:330 Resp: 117605
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 39.0 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

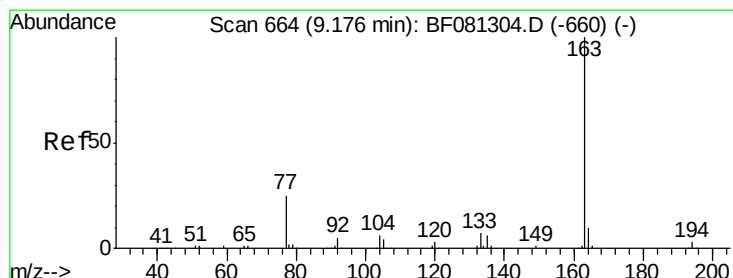
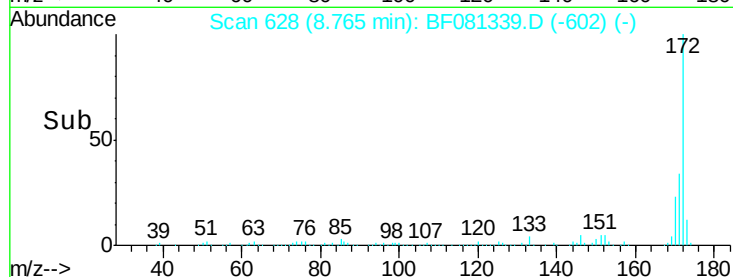
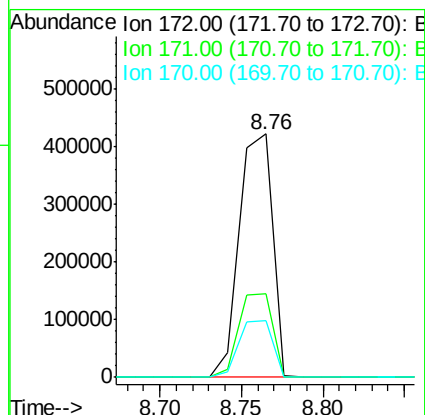
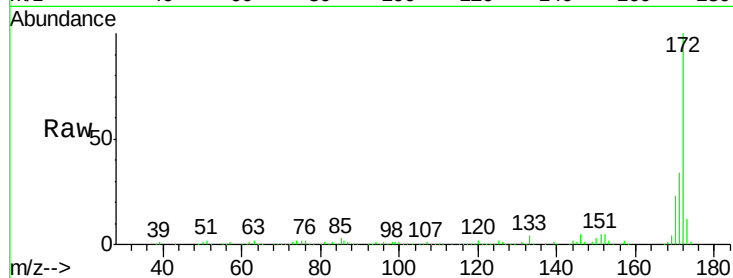




#44
2-Fluorobiphenyl
Concen: 64.58 ng
RT: 8.76 min Scan# 628
Delta R.T. -0.00 min
Lab File: BF081339.D
Acq: 2 Sep 2015 10:17

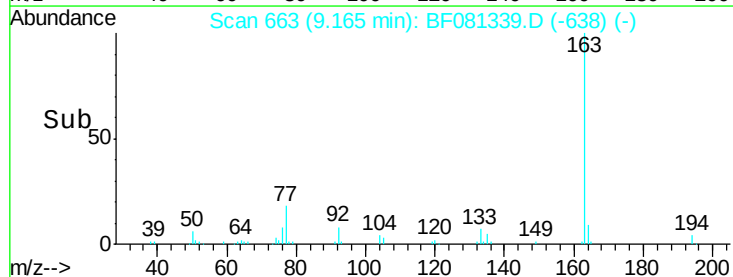
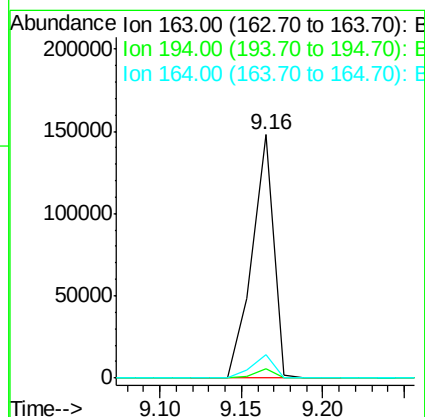
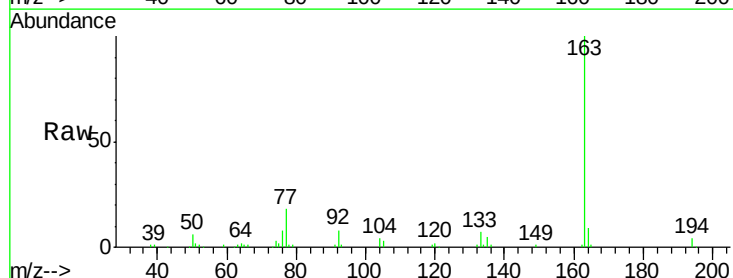
Instrument :
BNA_F
ClientSampled :
COFF-3-8(0-2)

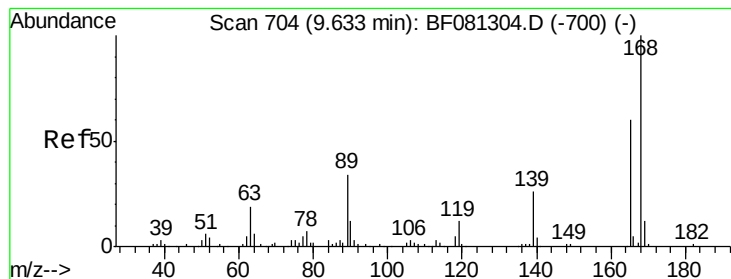
Tot Ion:172 Resp: 593864
Ion Ratio Lower Upper
172 100
171 34.4 26.1 39.1
170 23.3 17.4 26.2



#49
Dimethylphthalate
Concen: 14.97 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF081339.D
Acq: 2 Sep 2015 10:17

Tgt Ion:163 Resp: 137029
Ion Ratio Lower Upper
163 100
194 3.6 4.4 6.6#
164 9.4 8.3 12.5





#56

2,4-Dinitrotoluene

Concen: 5.59 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.22 min

Lab File: BF081339.D

Acq: 2 Sep 2015 10:17

Instrument :

BNA_F

ClientSampleId :

COFF-3-8(0-2)

Tot Ion:165 Resp: 14801

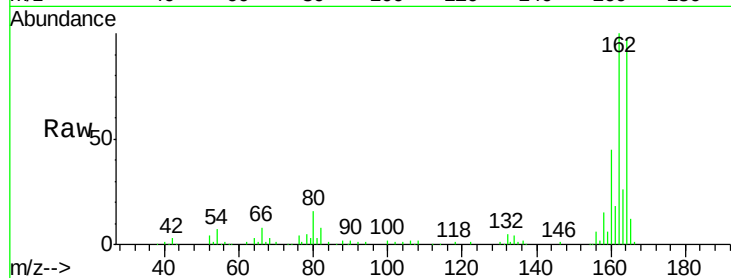
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 2.1 44.5 66.7#

182 0.0 3.0 4.4#

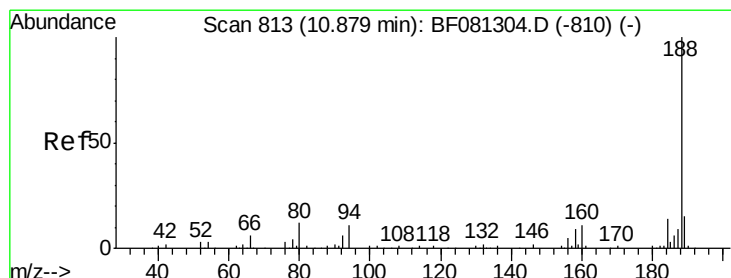
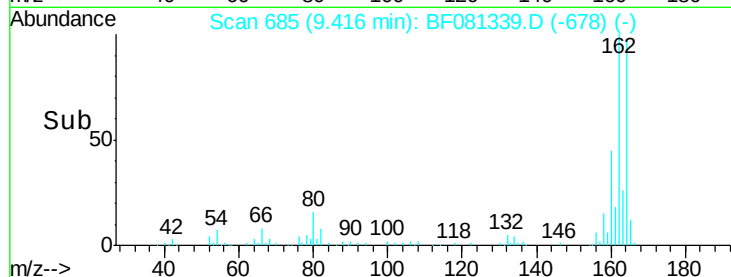
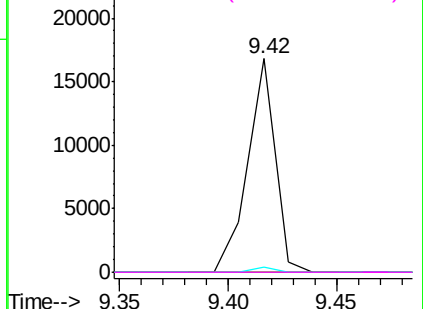


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.88 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF081339.D

Acq: 2 Sep 2015 10:17

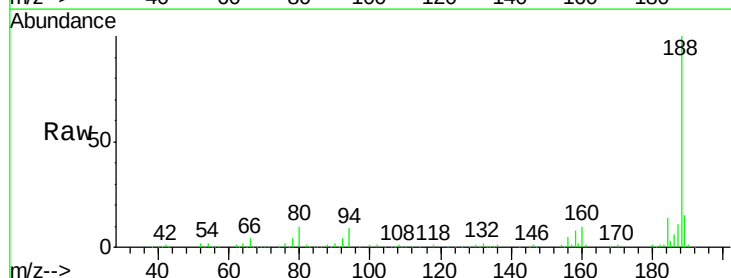
Tgt Ion:188 Resp: 216320

Ion Ratio Lower Upper

188 100

94 8.6 11.1 16.7#

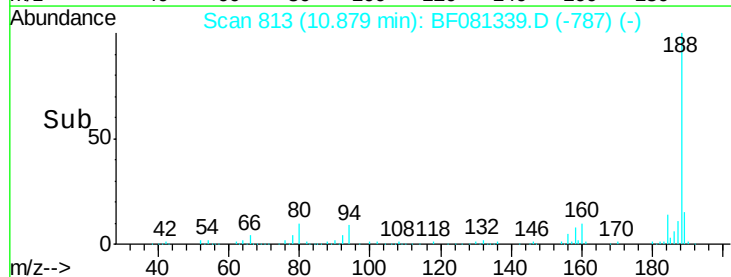
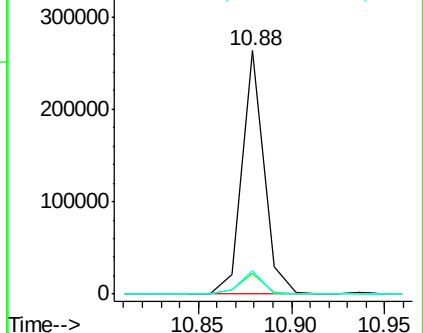
80 9.5 11.0 16.4#

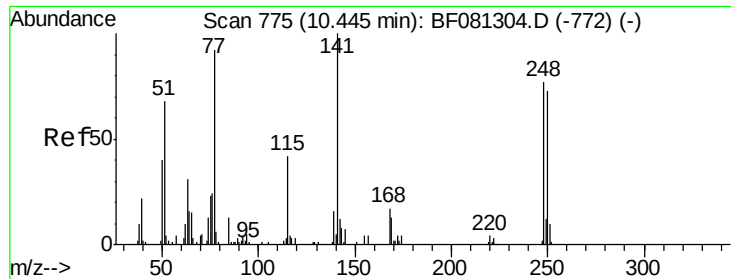


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

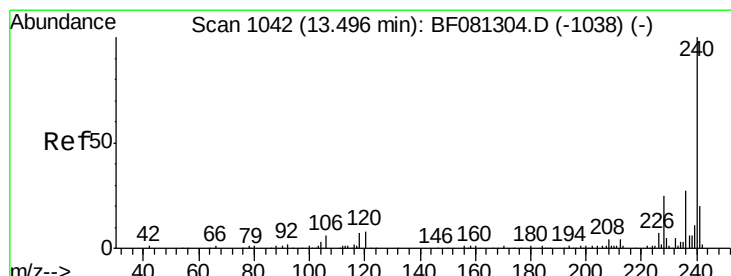
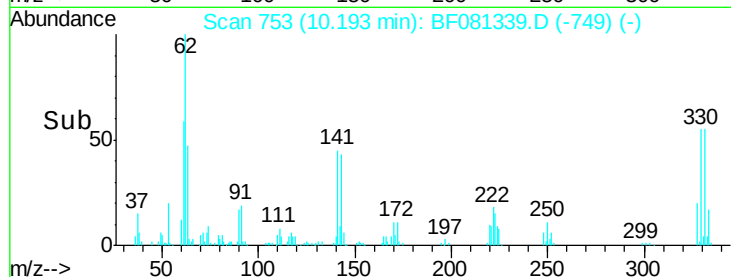
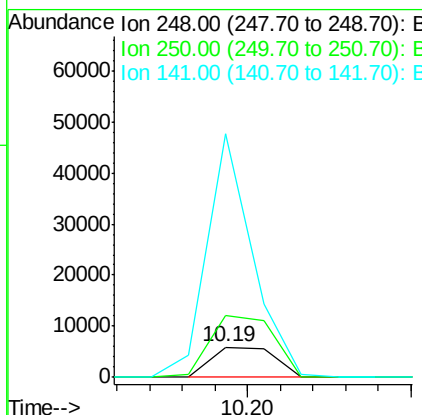
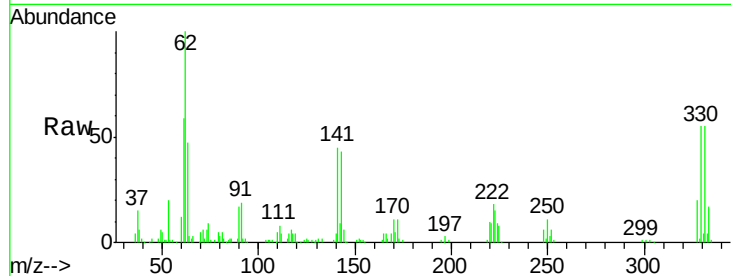




#66
4-Bromophenyl-phenylether
Concen: 3.57 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.25 min
Lab File: BF081339.D
Acq: 2 Sep 2015 10:17

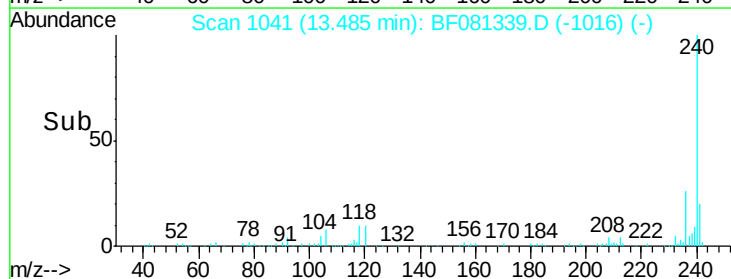
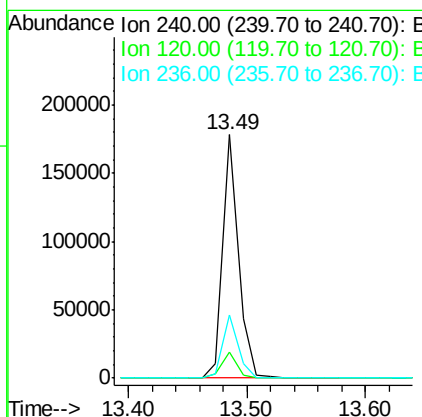
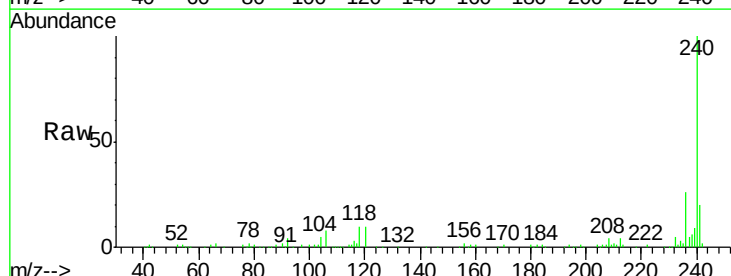
Instrument :
BNA_F
ClientSampleId :
COFF-3-8(0-2)

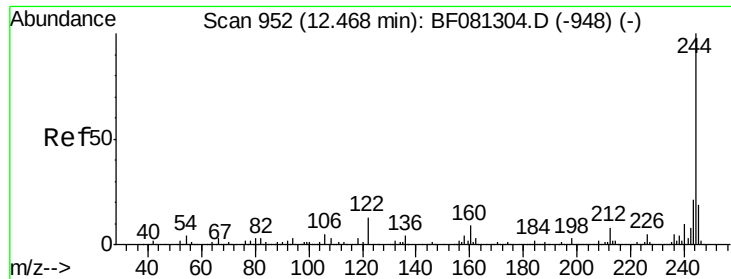
Tot Ion:248 Resp: 7815
Ion Ratio Lower Upper
248 100
250 204.3 78.5 117.7#
141 809.9 59.0 88.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.49 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF081339.D
Acq: 2 Sep 2015 10:17

Tgt Ion:240 Resp: 162189
Ion Ratio Lower Upper
240 100
120 10.5 16.2 24.2#
236 25.8 18.4 27.6

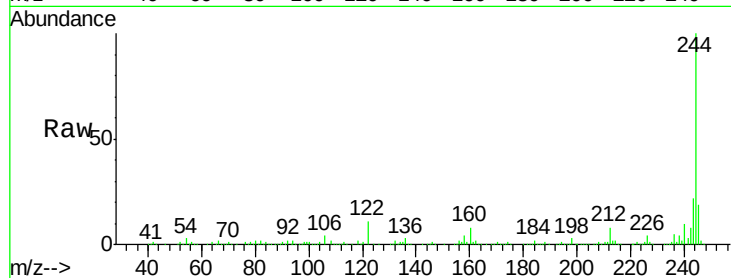




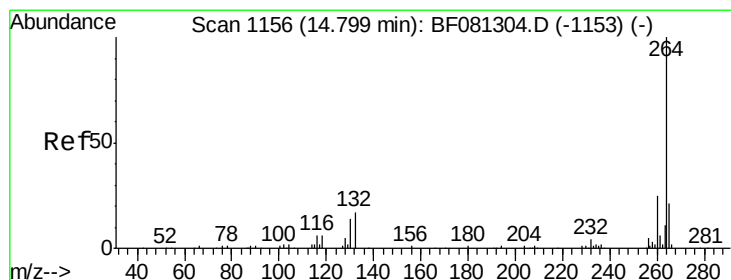
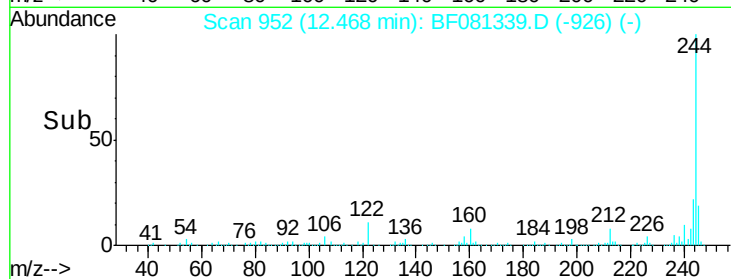
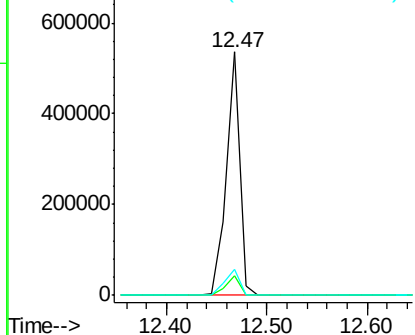
#78
 Terphenyl-d14
 Concen: 71.80 ng
 RT: 12.47 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF081339.D
 Acq: 2 Sep 2015 10:17

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3-8(0-2)

Tot Ion:244 Resp: 500234
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 10.7 17.4 26.2#

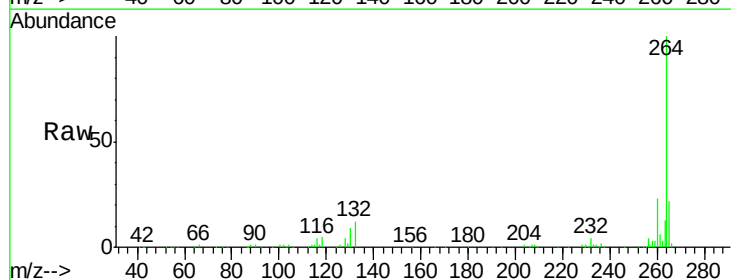


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF081339.D
 Acq: 2 Sep 2015 10:17

Tgt Ion:264 Resp: 125956
 Ion Ratio Lower Upper
 264 100
 260 23.0 16.7 25.1
 265 21.6 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

