

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
 Data File : BF082442.D
 Acq On : 22 Oct 2015 10:31
 Operator : UM/IZ
 Sample : G4117-15
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-02(0-2)

Quant Time: Oct 22 14:03:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

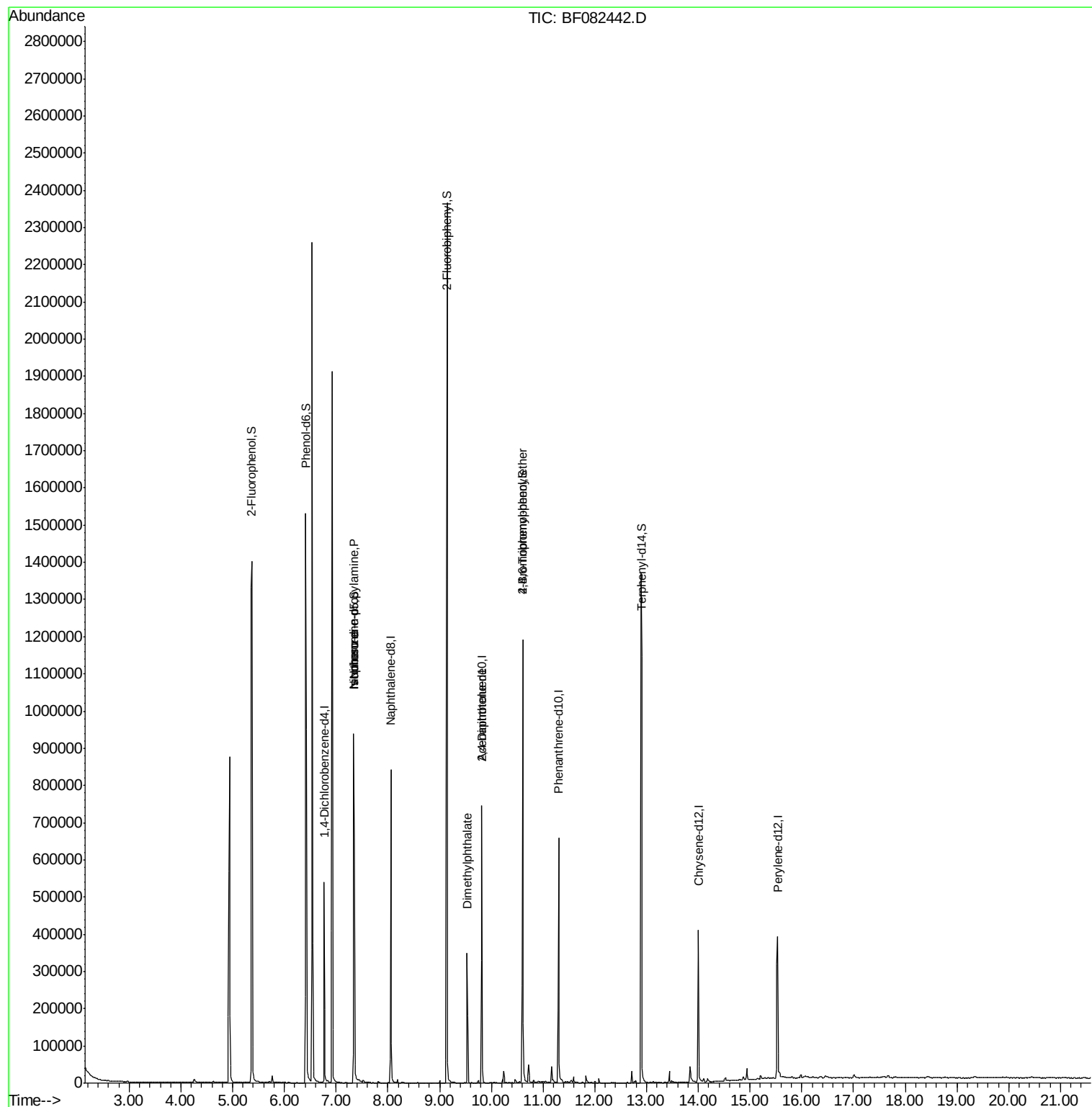
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	95256	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	371935	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	172293	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	279137	20.00	ng	0.00
75) Chrysene-d12	14.00	240	232859	20.00	ng	-0.01
86) Perylene-d12	15.53	264	216264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	599720	127.06	ng	0.01
7) Phenol-d6	6.41	99	732968	119.34	ng	-0.01
23) Nitrobenzene-d5	7.34	82	444420	80.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	125021	77.37	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	954206	91.85	ng	0.00
78) Terphenyl-d14	12.90	244	644539	73.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	56245	13.04	ng	# 81
25) Isophorone	7.34	82	413581	37.00	ng	# 66
49) Dimethylphthalate	9.53	163	182183	15.02	ng	99
56) 2,4-Dinitrotoluene	9.82	165	21182	6.62	ng	# 21
66) 4-Bromophenyl-phenylether	10.61	248	9748	3.49	ng	# 1

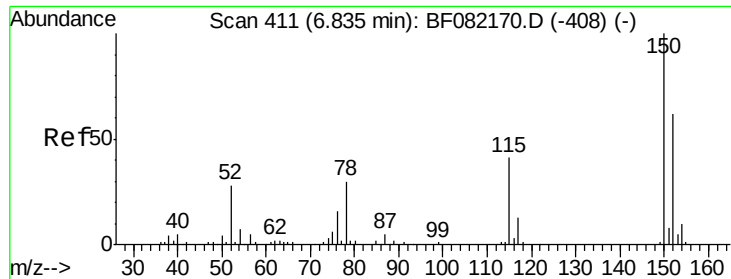
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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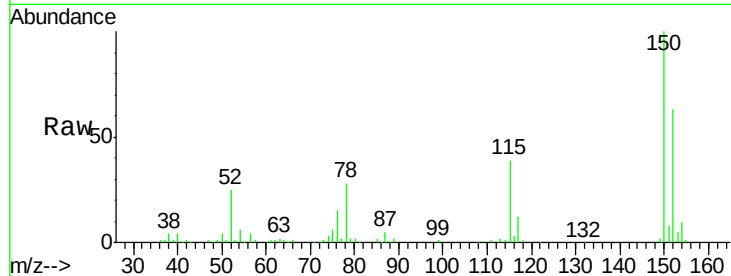


#1

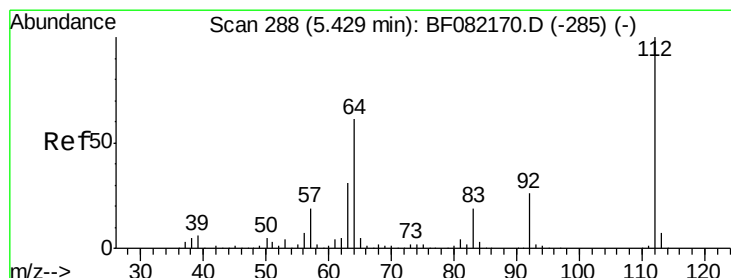
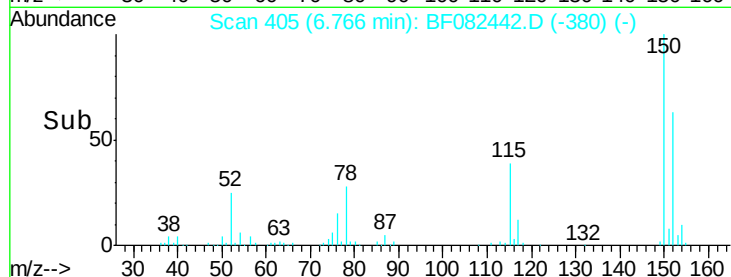
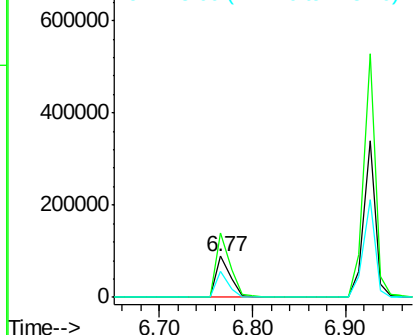
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082442.D
Acq: 22 Oct 2015 10:31

Instrument :
BNA_F
ClientSampleId :
COFF-02(0-2)

Tot Ion:152 Resp: 95256
Ion Ratio Lower Upper
152 100
150 158.0 129.0 193.4
115 62.2 52.1 78.1



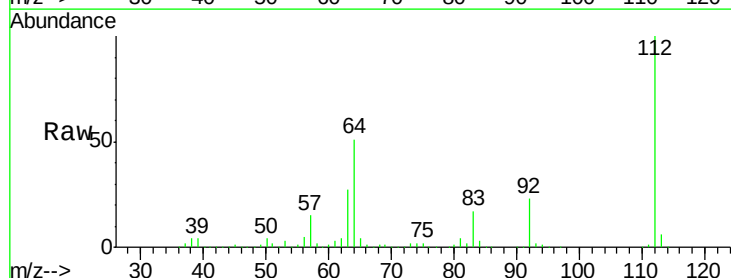
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



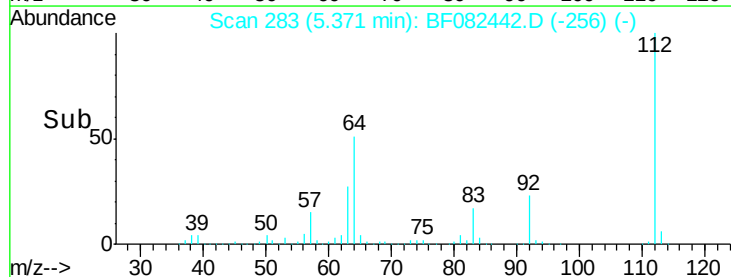
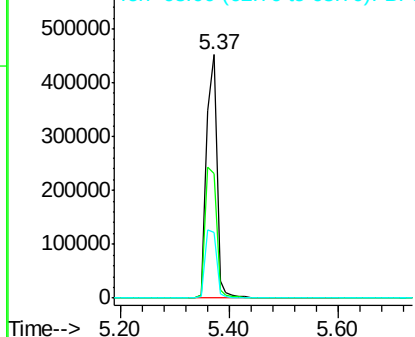
#5

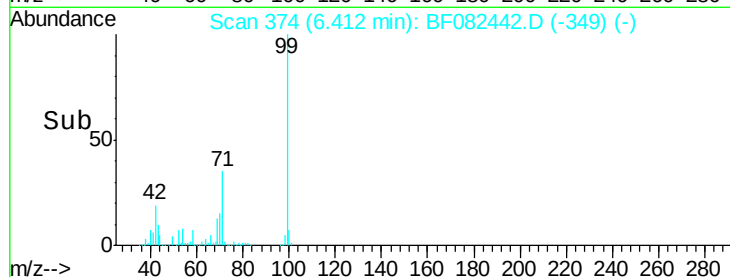
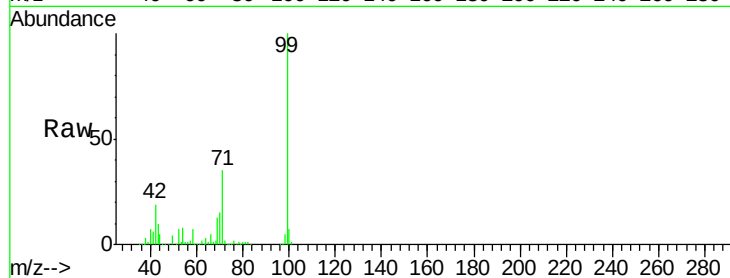
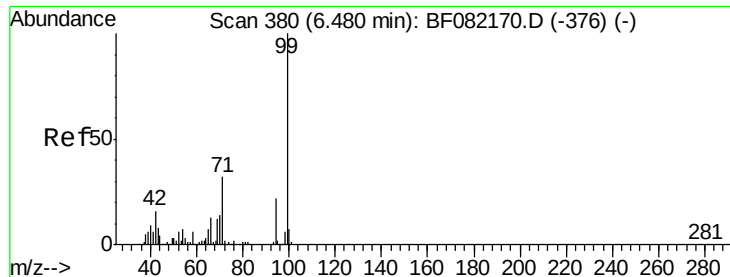
2-Fluorophenol
Concen: 127.06 ng
RT: 5.37 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF082442.D
Acq: 22 Oct 2015 10:31

Tgt Ion:112 Resp: 599720
Ion Ratio Lower Upper
112 100
64 51.1 48.6 73.0
63 26.8 25.1 37.7



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: 119.34 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082442.D

Acq: 22 Oct 2015 10:31

Instrument :

BNA_F

ClientSampleId :

COFF-02(0-2)

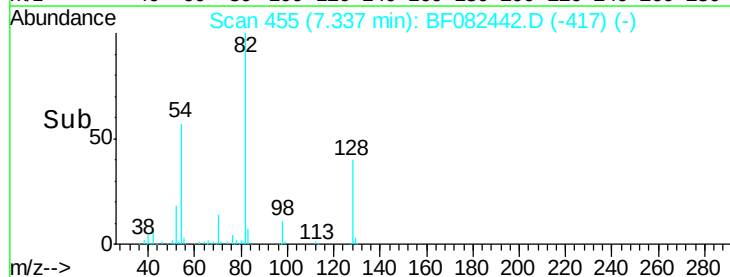
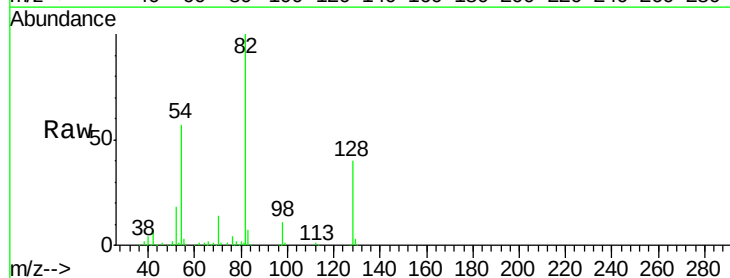
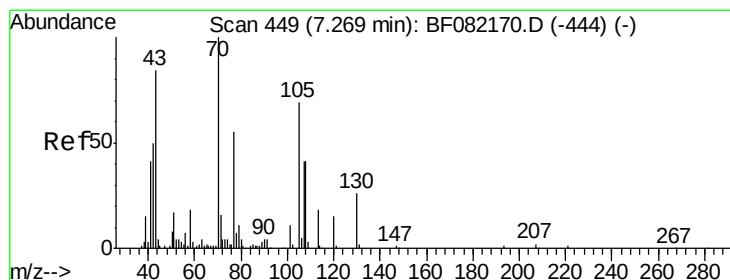
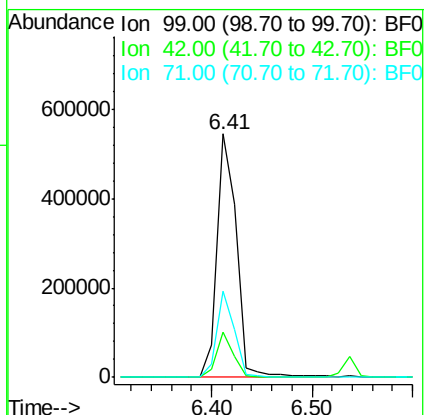
Tot Ion: 99 Resp: 732968

Ion Ratio Lower Upper

99 100

42 18.7 13.2 19.8

71 35.2 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 13.04 ng

RT: 7.34 min Scan# 455

Delta R.T. 0.14 min

Lab File: BF082442.D

Acq: 22 Oct 2015 10:31

Tgt Ion: 70 Resp: 56245

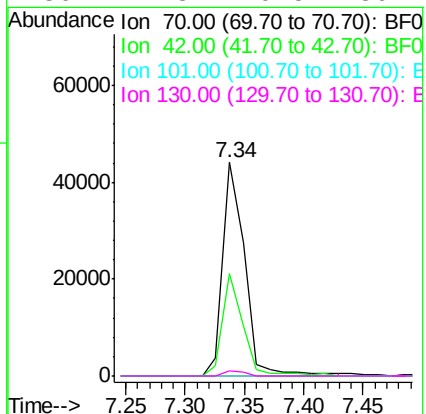
Ion Ratio Lower Upper

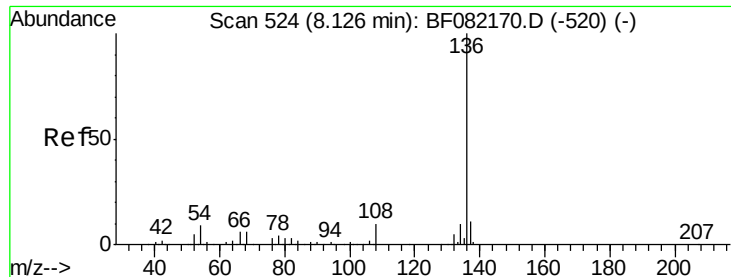
70 100

42 47.7 39.8 59.8

101 0.0 8.6 13.0#

130 2.3 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF082442.D

Acq: 22 Oct 2015 10:31

Instrument :

BNA_F

ClientSampleId :

COFF-02(0-2)

Tot Ion:136 Resp: 371935

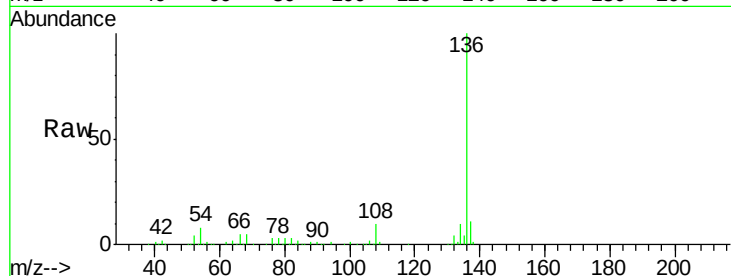
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 8.4 7.5 11.3

68 5.2 4.6 7.0

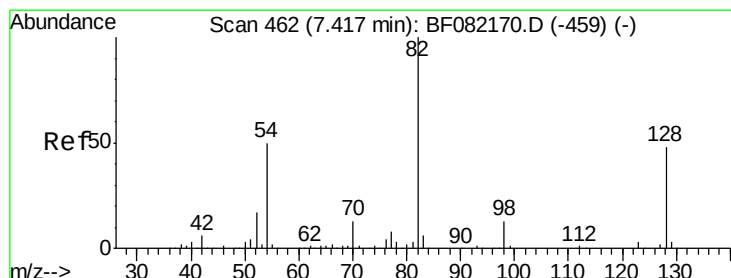
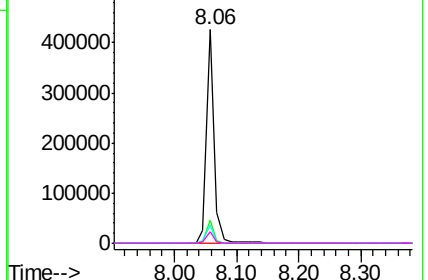
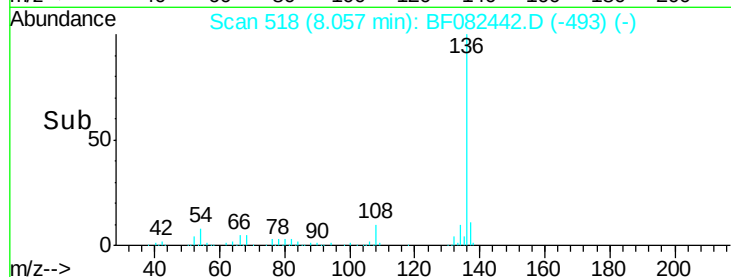


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.24 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF082442.D

Acq: 22 Oct 2015 10:31

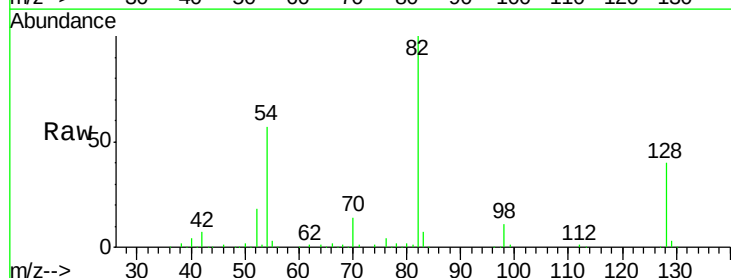
Tgt Ion: 82 Resp: 444420

Ion Ratio Lower Upper

82 100

128 40.4 38.7 58.1

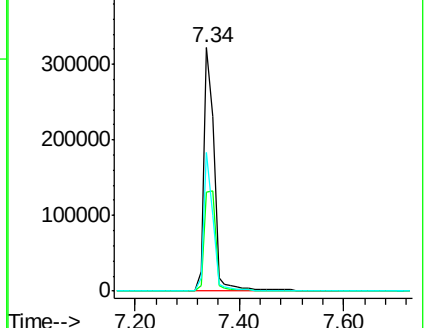
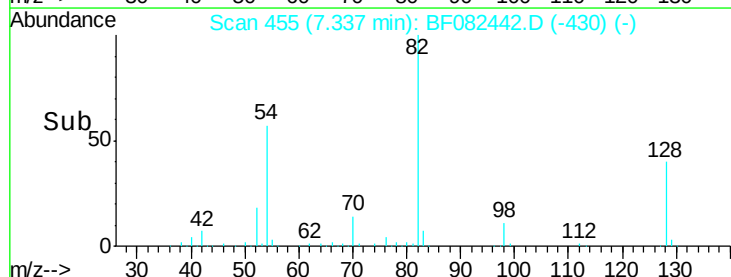
54 56.7 40.1 60.1

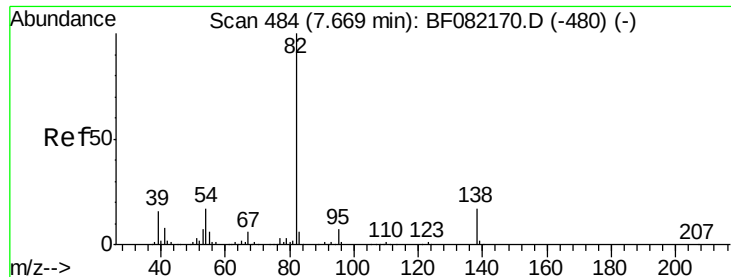


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 37.00 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.27 min

Lab File: BF082442.D

Acq: 22 Oct 2015 10:31

Instrument :

BNA_F

ClientSampleId :

COFF-02(0-2)

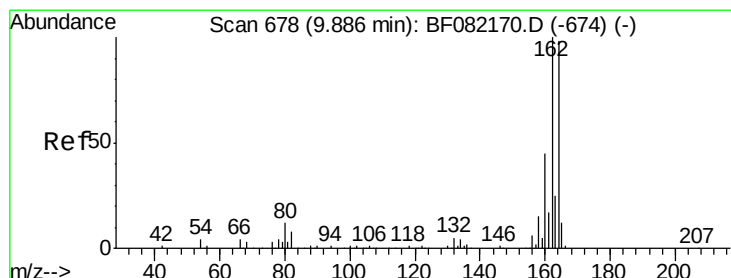
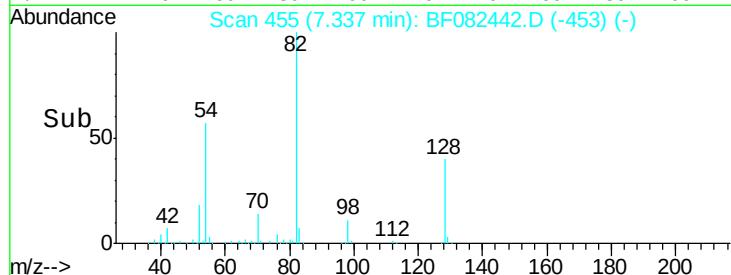
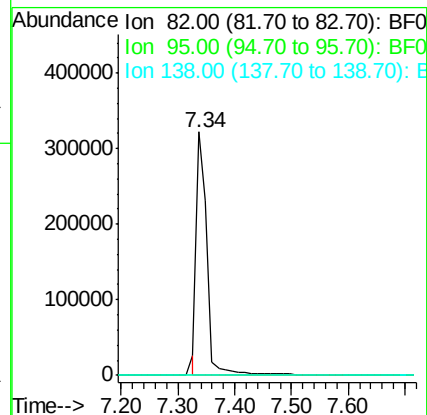
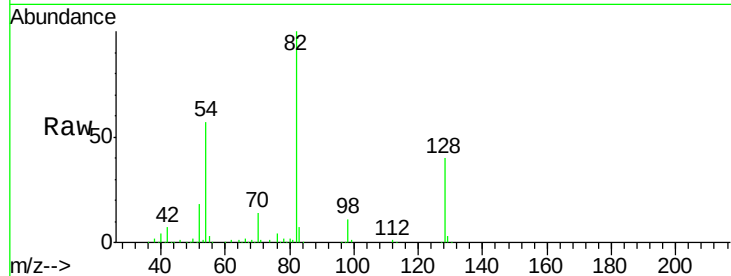
Tot Ion: 82 Resp: 413581

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 13.6 20.4#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF082442.D

Acq: 22 Oct 2015 10:31

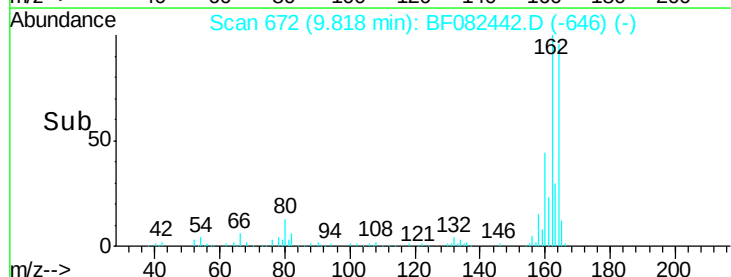
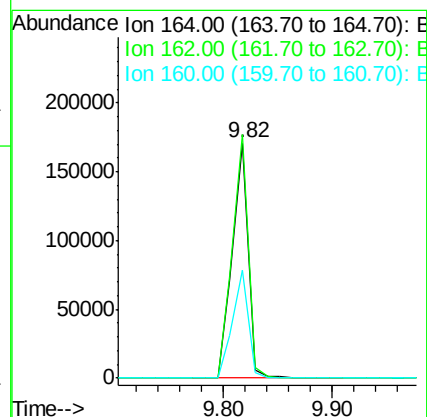
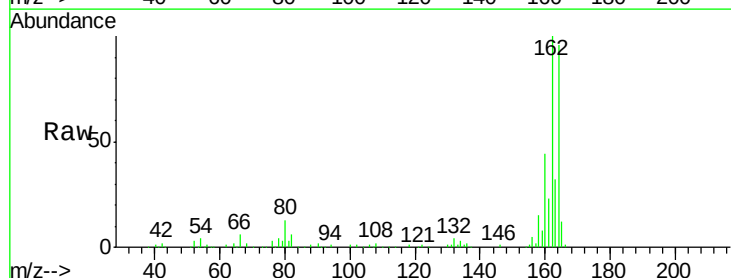
Tgt Ion: 164 Resp: 172293

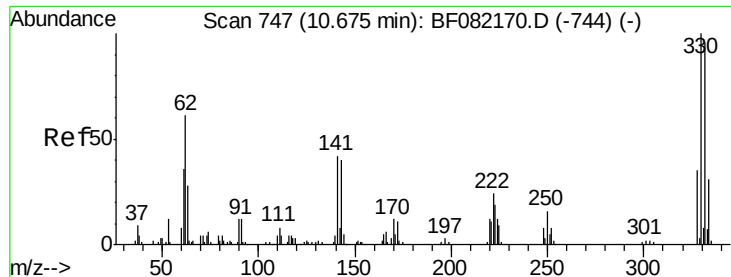
Ion Ratio Lower Upper

164 100

162 103.7 81.6 122.4

160 45.9 36.4 54.6

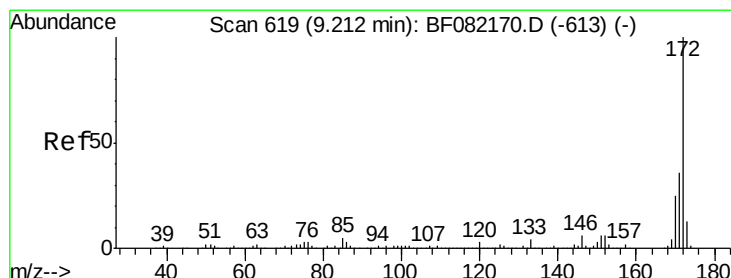
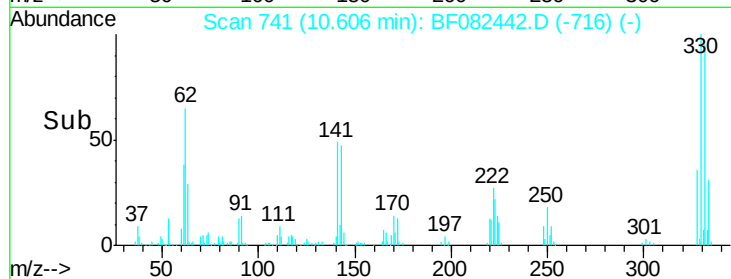
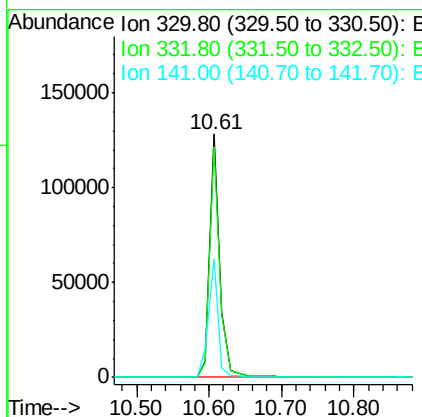
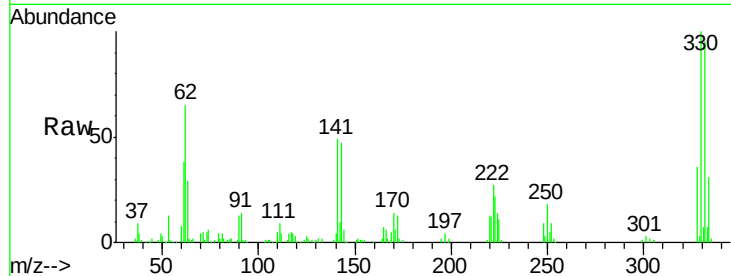




#41
 2,4,6-Tribromophenol
 Concen: 77.37 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF082442.D
 Acq: 22 Oct 2015 10:31

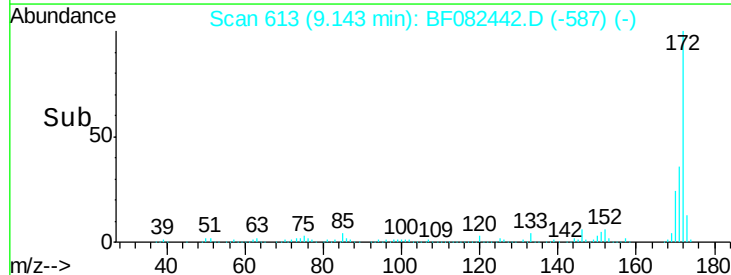
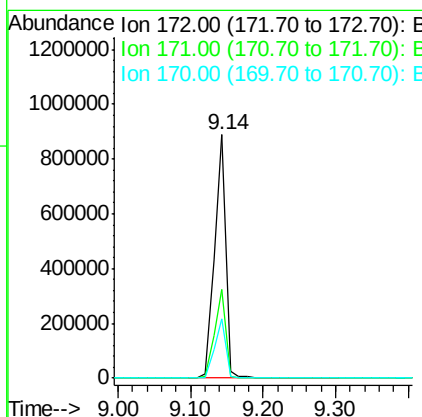
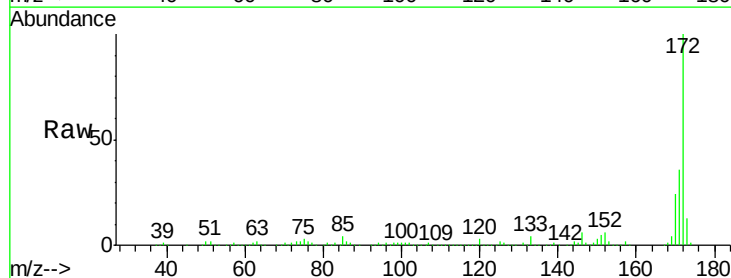
Instrument :
 BNA_F
 ClientSampleId :
 COFF-02(0-2)

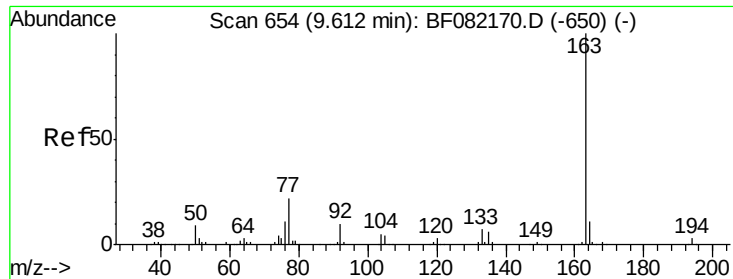
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.1	115.7
141	46.8	29.8	44.8#



#44
 2-Fluorobiphenyl
 Concen: 91.85 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082442.D
 Acq: 22 Oct 2015 10:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	42.8
170	24.5	19.7	29.5

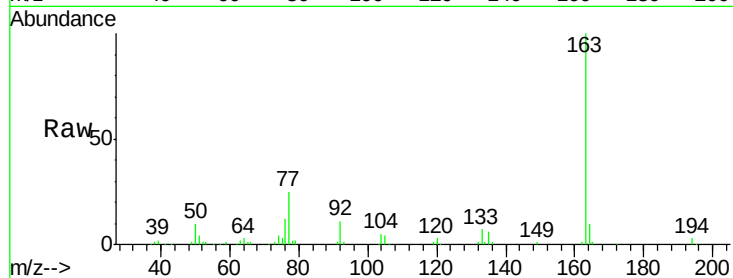




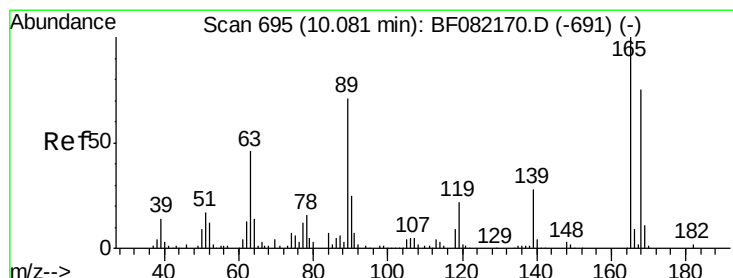
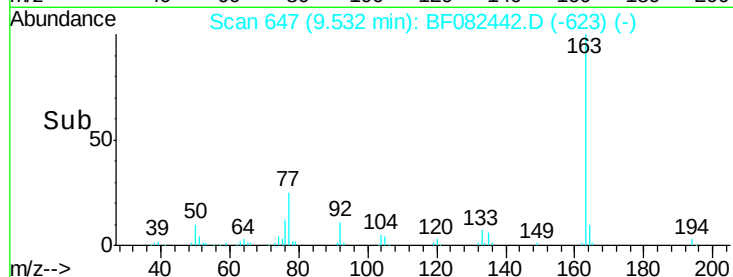
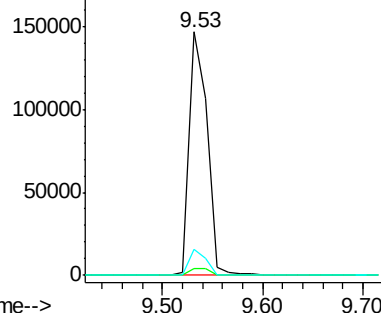
#49
Dimethylphthalate
Concen: 15.02 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF082442.D
Acq: 22 Oct 2015 10:31

Instrument :
BNA_F
ClientSampleId :
COFF-02(0-2)

Tot Ion:163 Resp: 182183
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.5 8.5 12.7

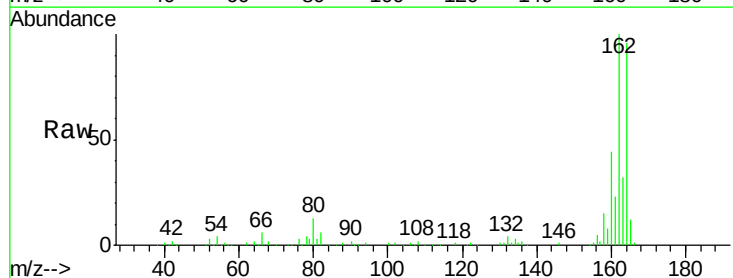


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

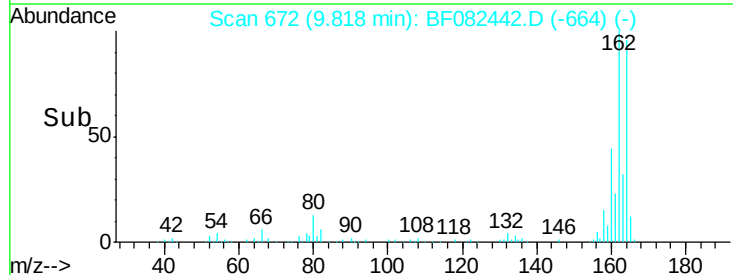
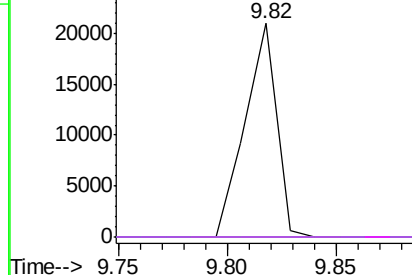


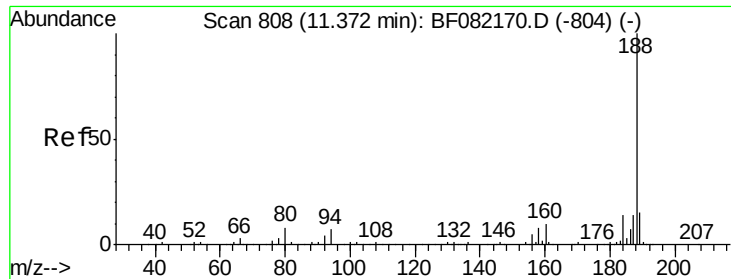
#56
2,4-Dinitrotoluene
Concen: 6.62 ng
RT: 9.82 min Scan# 672
Delta R.T. -0.21 min
Lab File: BF082442.D
Acq: 22 Oct 2015 10:31

Tgt Ion:165 Resp: 21182
Ion Ratio Lower Upper
165 100
63 0.0 38.6 58.0#
89 0.0 57.0 85.6#
182 0.0 1.8 2.6#



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: 11.30 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF082442.D

Acq: 22 Oct 2015 10:31

Instrument :

BNA_F

ClientSampleId :

COFF-02(0-2)

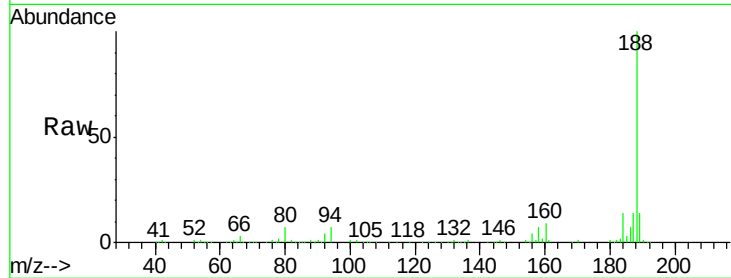
Tot Ion:188 Resp: 279137

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.6

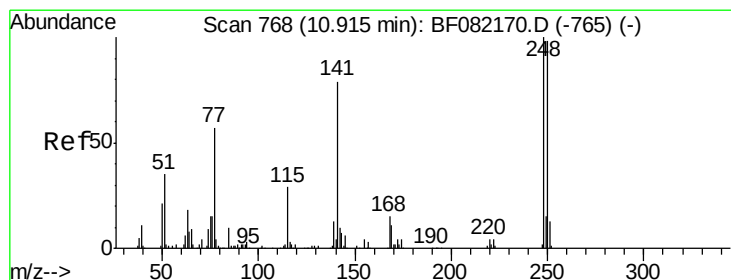
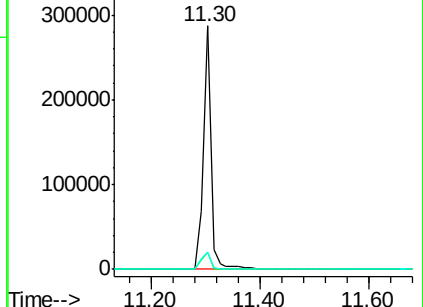
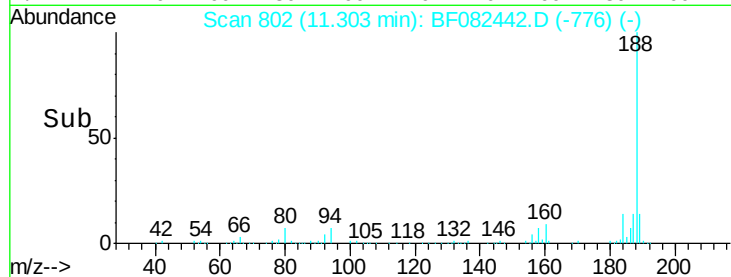
80 7.2 6.4 9.6



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



#66

4-Bromophenyl-phenylether

Concen: 3.49 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.25 min

Lab File: BF082442.D

Acq: 22 Oct 2015 10:31

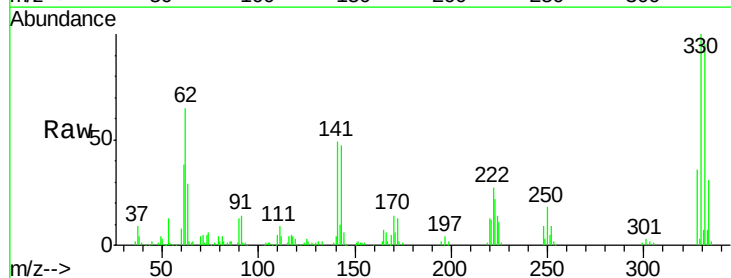
Tgt Ion:248 Resp: 9748

Ion Ratio Lower Upper

248 100

250 207.7 78.6 117.8#

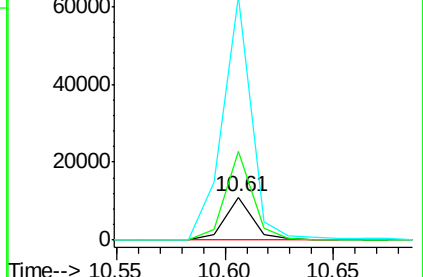
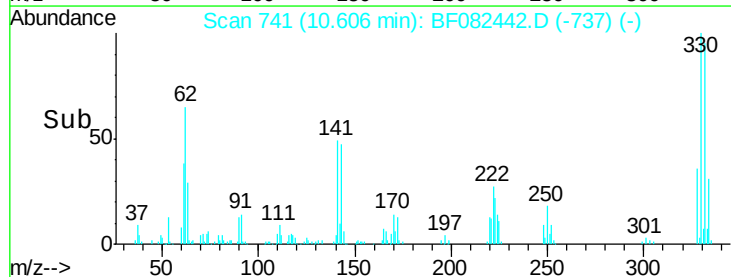
141 565.9 63.3 94.9#

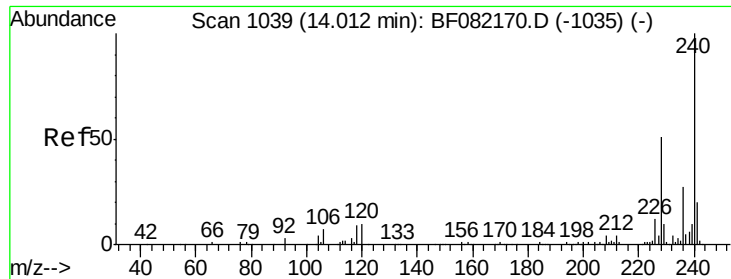


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

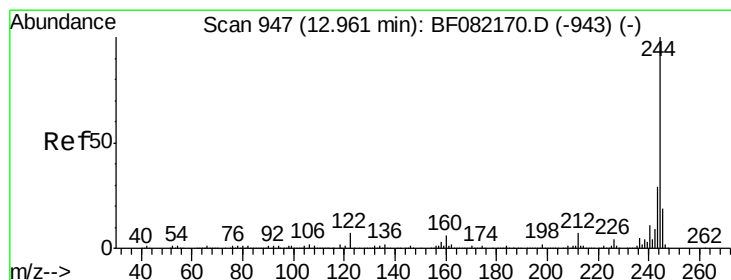
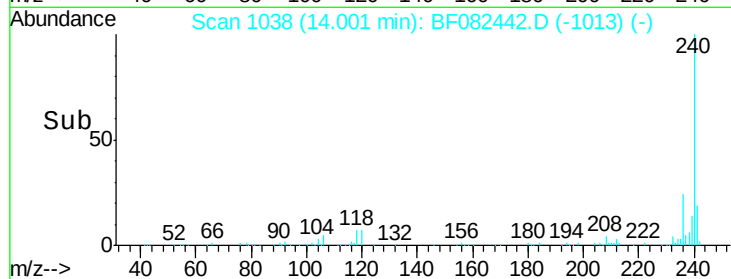
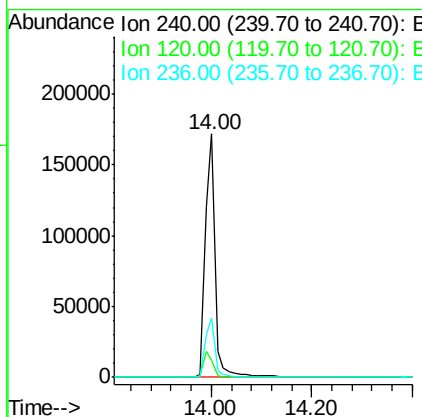
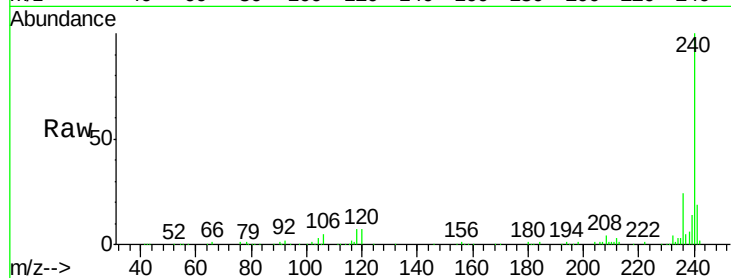




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF082442.D
 Acq: 22 Oct 2015 10:31

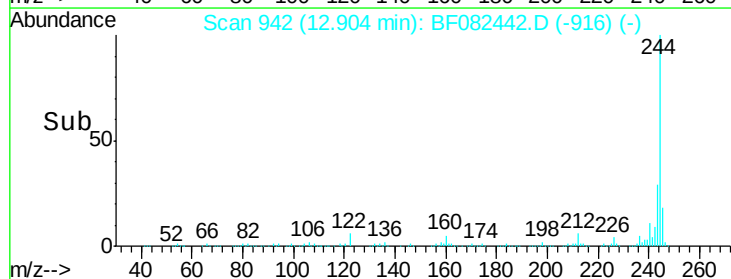
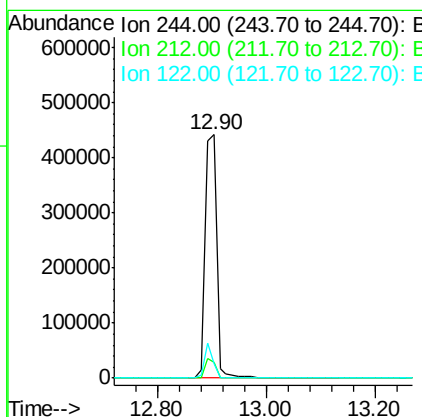
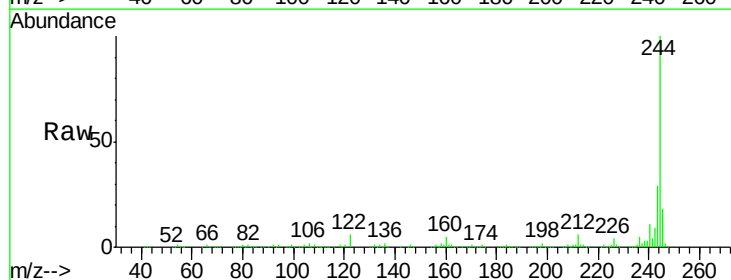
Instrument :
 BNA_F
 ClientSampleId :
 COFF-02(0-2)

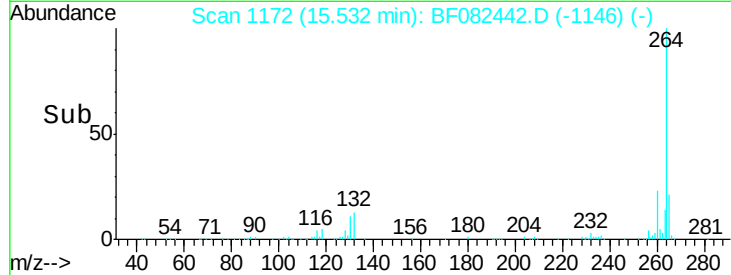
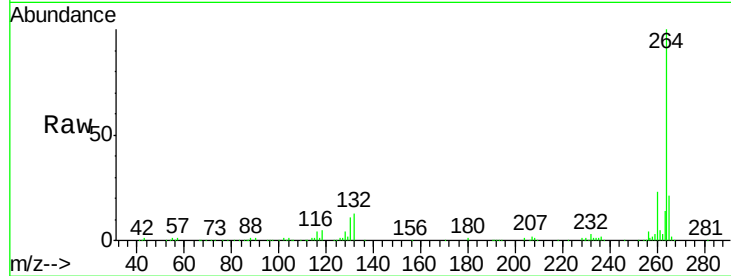
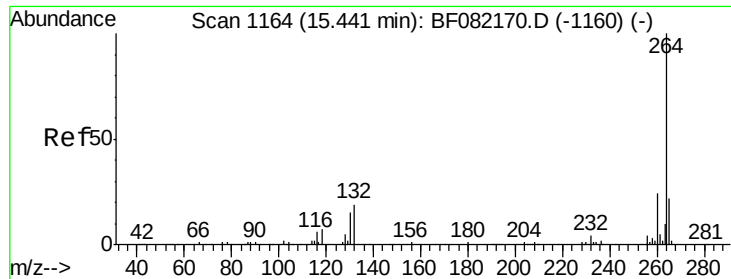
Tot Ion:240 Resp: 232859
 Ion Ratio Lower Upper
 240 100
 120 6.9 8.1 12.1#
 236 24.3 21.3 31.9



#78
 Terphenyl-d14
 Concen: 73.35 ng
 RT: 12.90 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF082442.D
 Acq: 22 Oct 2015 10:31

Tgt Ion:244 Resp: 644539
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.8 8.6
 122 5.7 5.9 8.9#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF082442.D
 Acq: 22 Oct 2015 10:31

Instrument :
 BNA_F
 ClientSampleId :
 COFF-02(0-2)

Tot Ion:	264	Resp:	216264
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.0	28.6
265	20.8	17.3	25.9

