

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102615\
 Data File : BF082546.D
 Acq On : 27 Oct 2015 12:32
 Operator : UM/IZ
 Sample : G4117-17
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-03(0-2)

Quant Time: Oct 27 14:09:02 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 02:43:58 2015
 Response via : Initial Calibration

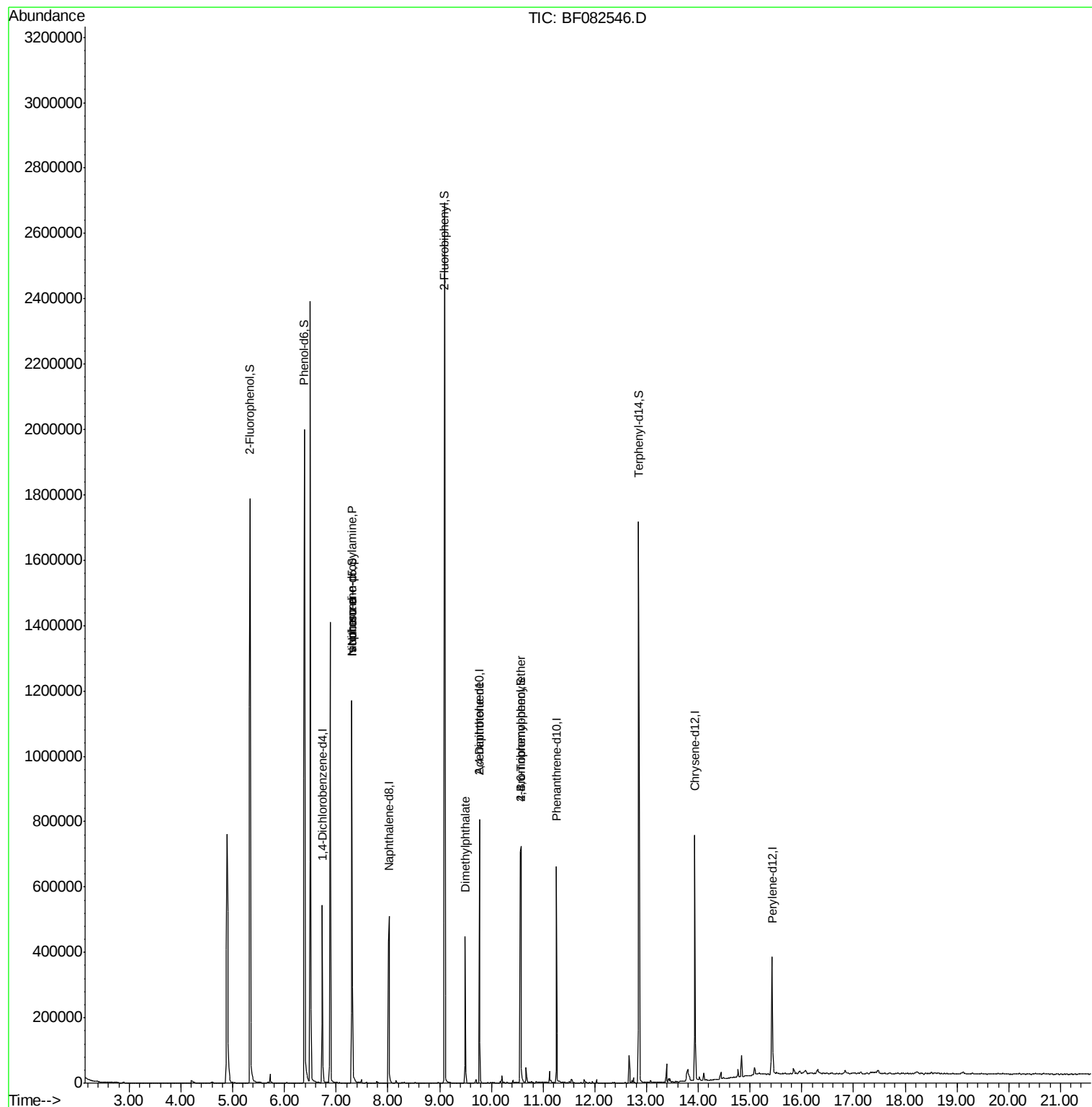
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	97496	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	356202	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	156665	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	260855	20.00	ng	0.00
75) Chrysene-d12	13.93	240	276350	20.00	ng	0.02
86) Perylene-d12	15.43	264	203062	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	654494	132.52	ng	0.02
7) Phenol-d6	6.39	99	818979	127.23	ng	0.01
23) Nitrobenzene-d5	7.30	82	431289	78.11	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	128564	109.59	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	827156	83.96	ng	0.00
78) Terphenyl-d14	12.85	244	702593	73.25	ng	0.00
Target Compounds						
9) Benzaldehyde	6.39	77	977	Below Cal	#	3
19) n-Nitroso-di-n-propylamine	7.30	70	55794	13.30	ng	79
25) Isophorone	7.30	82	371364	33.85	ng	64
49) Dimethylphthalate	9.50	163	180487	16.56	ng	100
56) 2,4-Dinitrotoluene	9.77	165	19365	6.68	ng	9
66) 4-Bromophenyl-phenylether	10.57	248	9291	3.80	ng	1

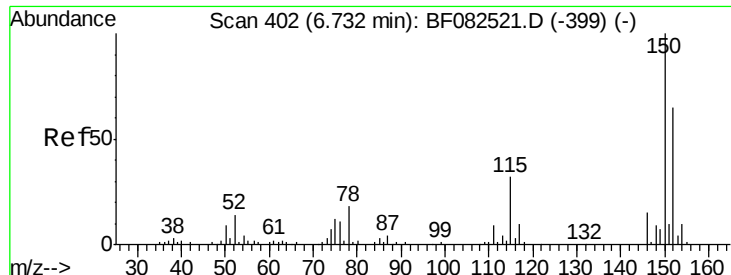
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102615\
Data File : BF082546.D
Acq On : 27 Oct 2015 12:32
Operator : UM/IZ
Sample : G4117-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COFF-03(0-2)

Quant Time: Oct 27 14:09:02 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 02:43:58 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF082546.D

Acq: 27 Oct 2015 12:32

Instrument :

BNA_F

ClientSampleId :

COFF-03(0-2)

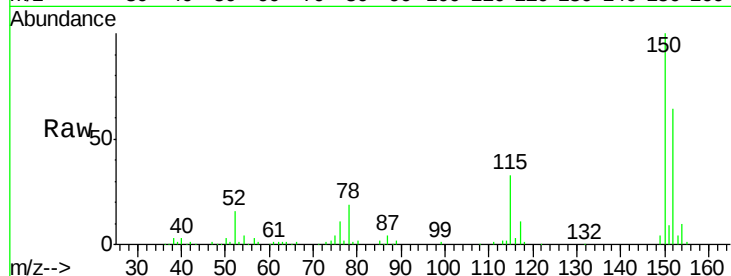
Tgt Ion:152 Resp: 97496

Ion Ratio Lower Upper

152 100

150 157.1 123.4 185.0

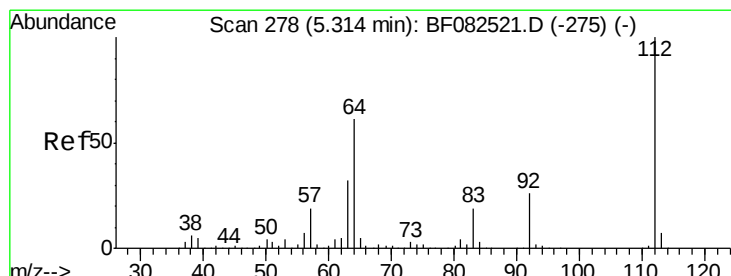
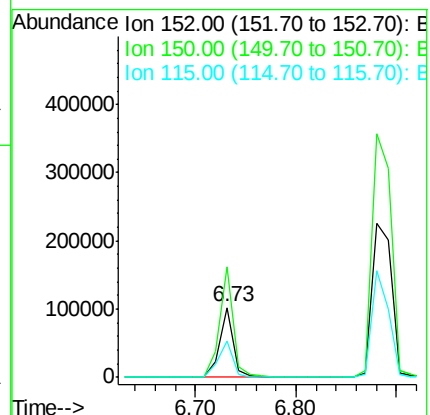
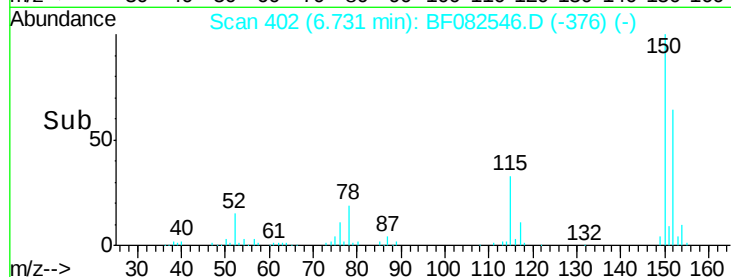
115 52.5 39.0 58.4



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: 132.52 ng

RT: 5.34 min Scan# 280

Delta R.T. 0.02 min

Lab File: BF082546.D

Acq: 27 Oct 2015 12:32

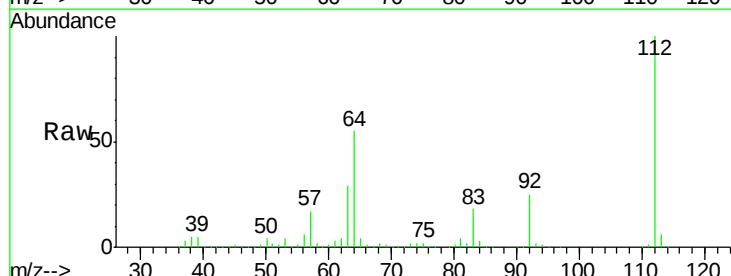
Tgt Ion:112 Resp: 654494

Ion Ratio Lower Upper

112 100

64 55.1 49.0 73.4

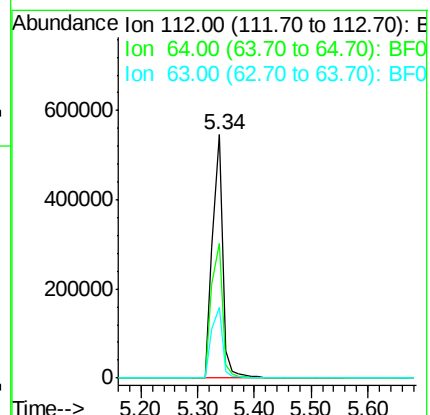
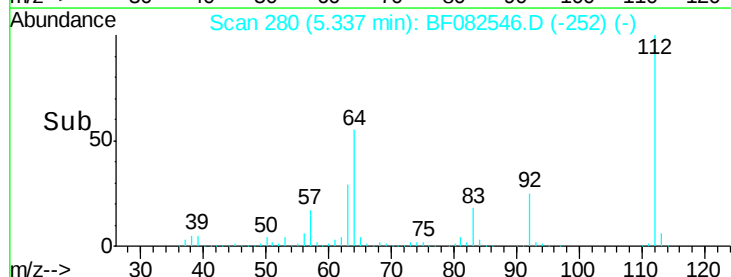
63 29.0 25.8 38.6

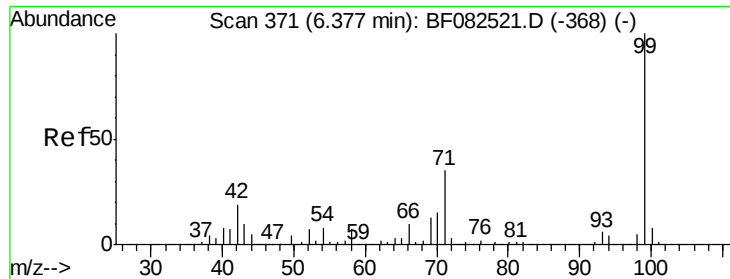


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.23 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.01 min

Lab File: BF082546.D

Acq: 27 Oct 2015 12:32

Instrument :

BNA_F

ClientSampleId :

COFF-03(0-2)

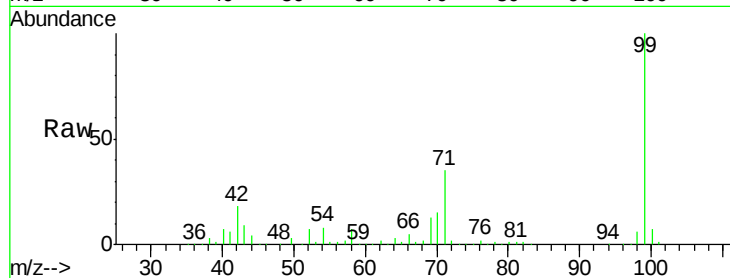
Tgt Ion: 99 Resp: 818979

Ion Ratio Lower Upper

99 100

42 17.6 15.1 22.7

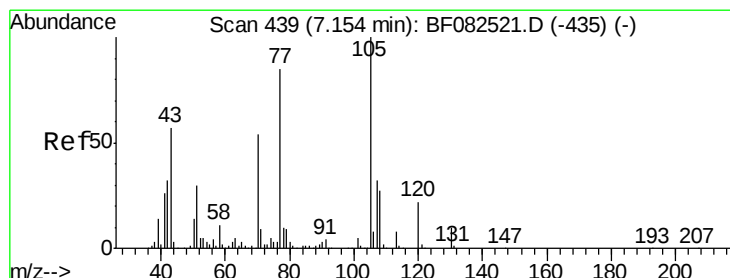
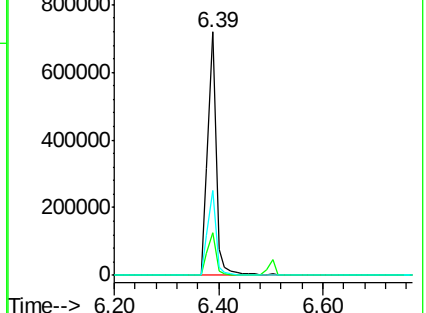
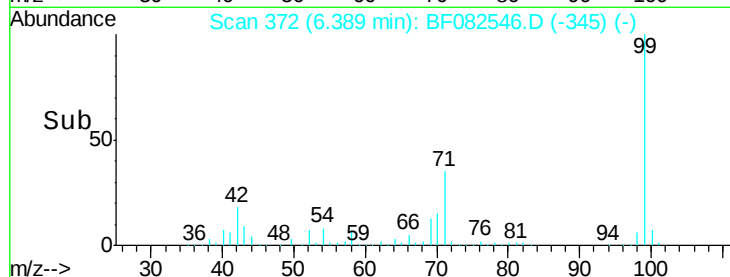
71 35.1 28.2 42.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.30 ng

RT: 7.30 min Scan# 452

Delta R.T. 0.15 min

Lab File: BF082546.D

Acq: 27 Oct 2015 12:32

Tgt Ion: 70 Resp: 55794

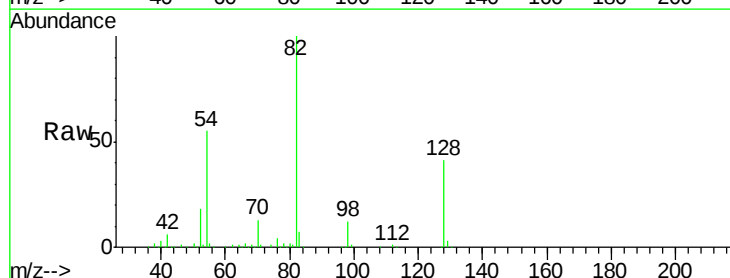
Ion Ratio Lower Upper

70 100

42 46.9 46.9 70.3

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

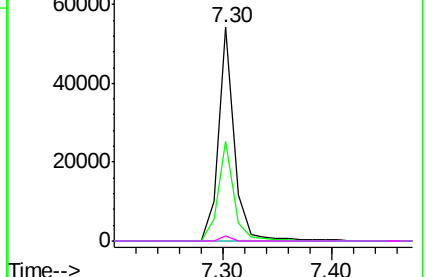
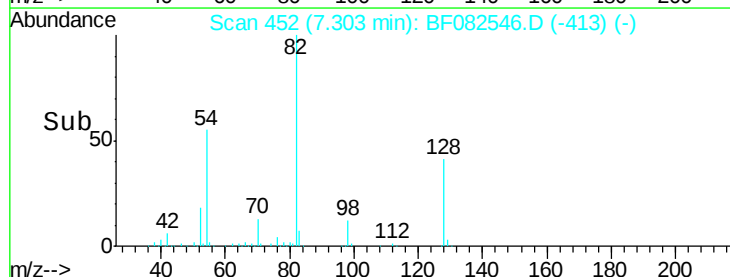


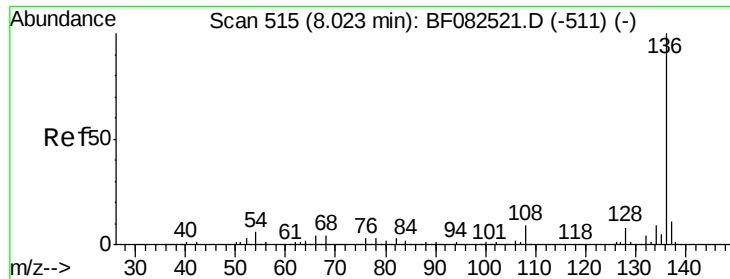
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

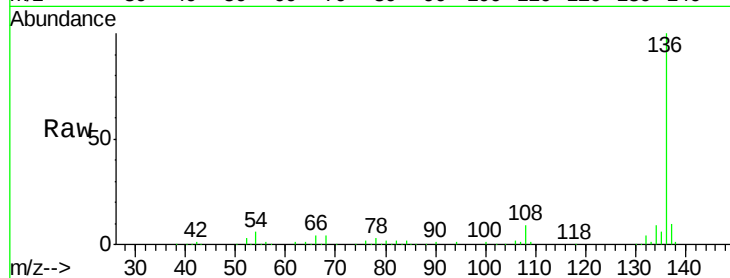




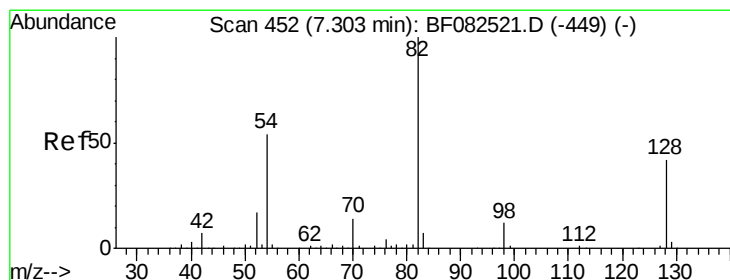
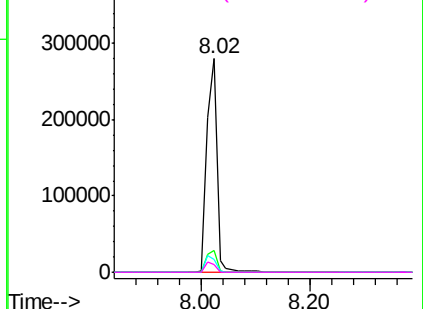
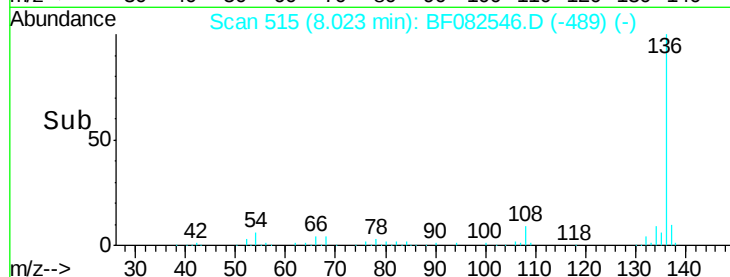
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF082546.D
Acq: 27 Oct 2015 12:32

Instrument :
BNA_F
ClientSampleId :
COFF-03(0-2)

Tgt Ion:	136	Resp:	356202
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.6	13.0
54	5.8	4.6	7.0
68	3.8	3.2	4.8

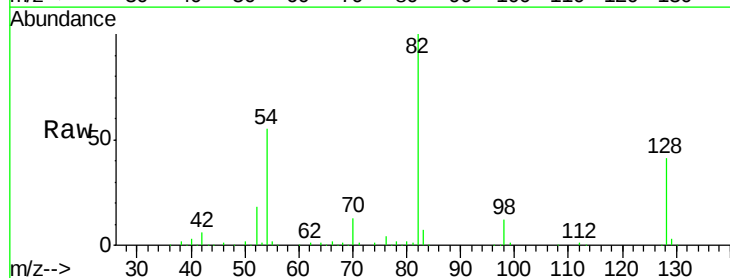


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

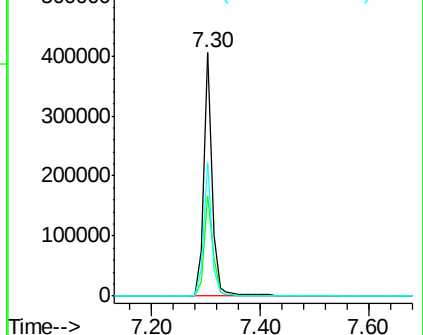
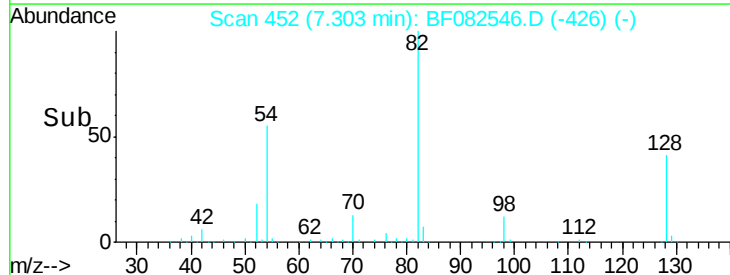


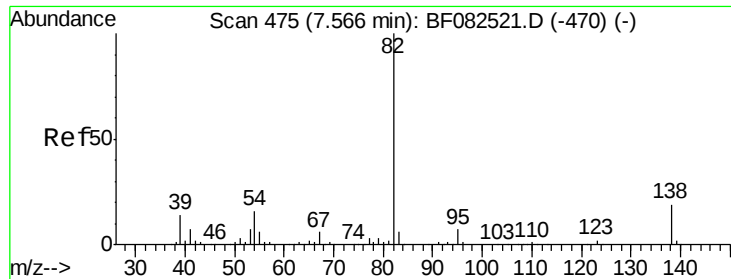
#23
Nitrobenzene-d5
Concen: 78.11 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF082546.D
Acq: 27 Oct 2015 12:32

Tgt Ion:	82	Resp:	431289
Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.4	50.0
54	54.7	43.5	65.3



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





#25

Isophorone

Concen: 33.85 ng

RT: 7.30 min Scan# 452

Delta R.T. -0.26 min

Lab File: BF082546.D

Acq: 27 Oct 2015 12:32

Instrument :

BNA_F

ClientSampleId :

COFF-03(0-2)

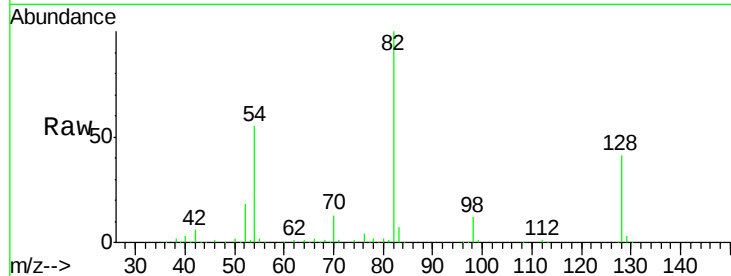
Tgt Ion: 82 Resp: 371364

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

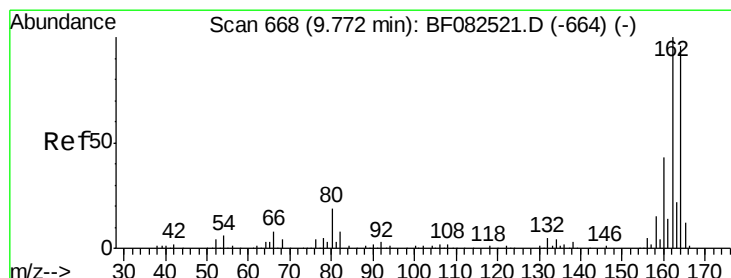
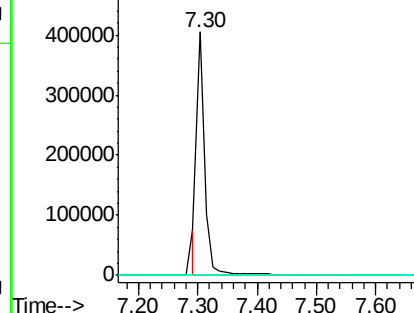
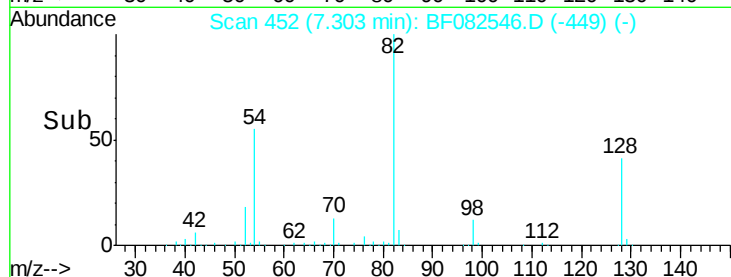
138 0.0 15.0 22.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF082546.D

Acq: 27 Oct 2015 12:32

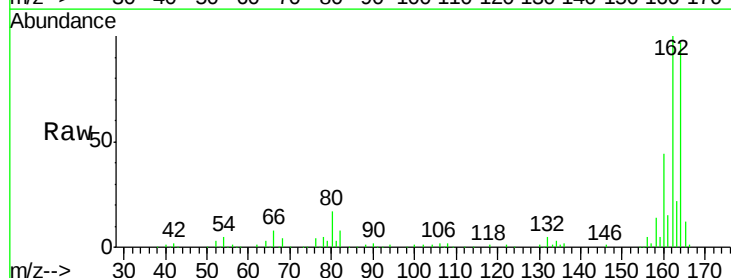
Tgt Ion: 164 Resp: 156665

Ion Ratio Lower Upper

164 100

162 103.4 83.6 125.4

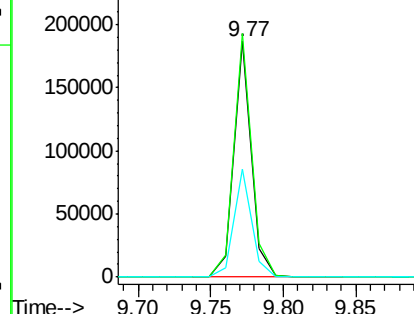
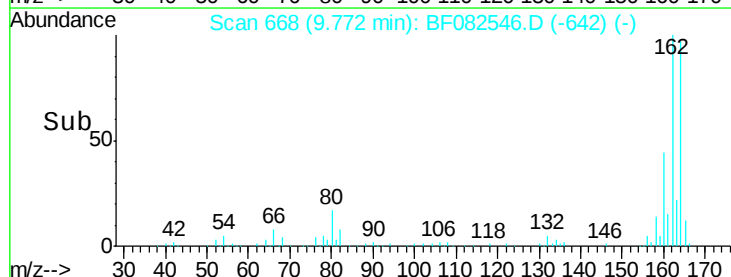
160 45.6 36.0 54.0

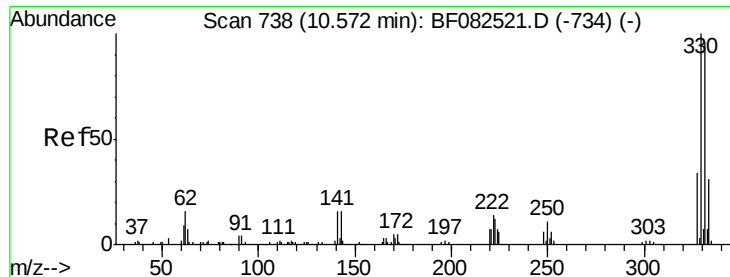


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

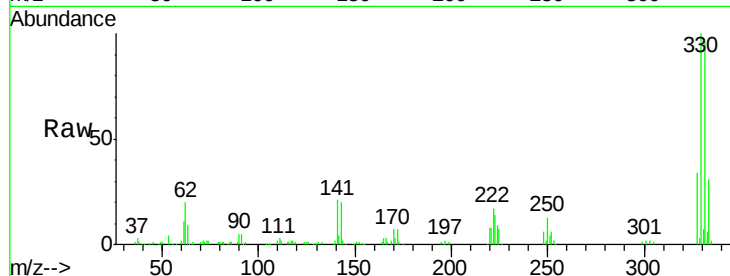




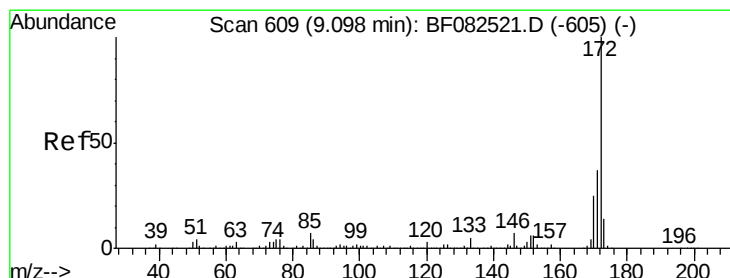
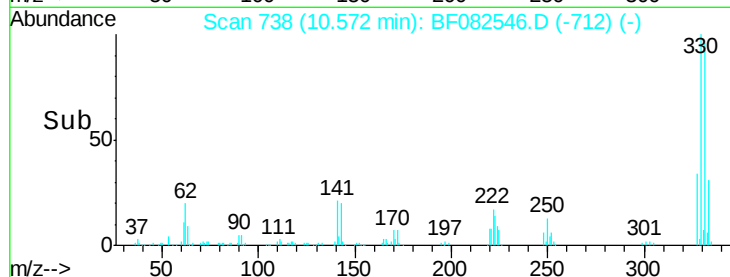
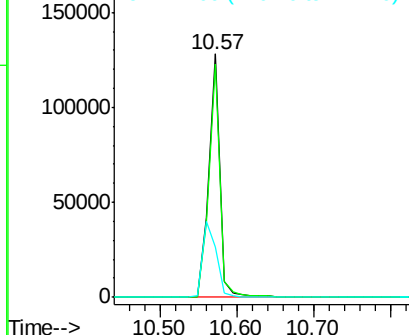
#41
 2,4,6-Tribromophenol
 Concen: 109.59 ng
 RT: 10.57 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF082546.D
 Acq: 27 Oct 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :
 COFF-03(0-2)

Tgt Ion:330 Resp: 128564
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.0
 141 38.3 32.5 48.7

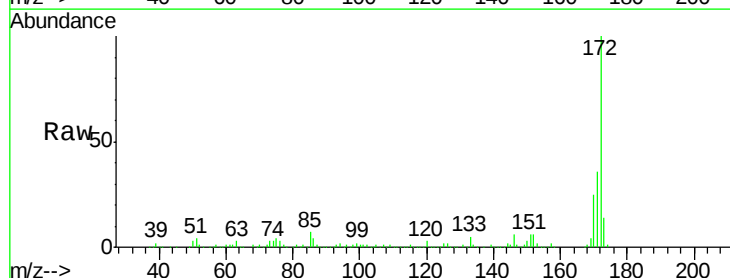


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

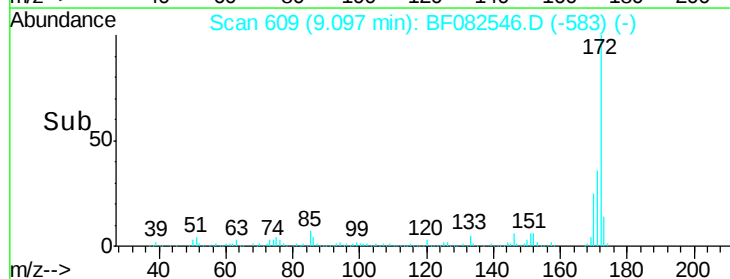
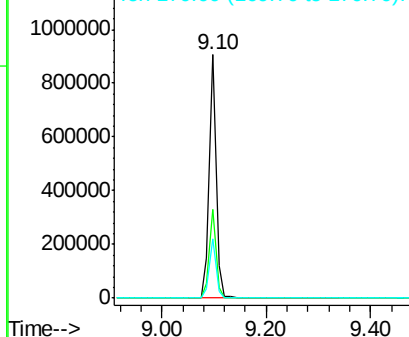


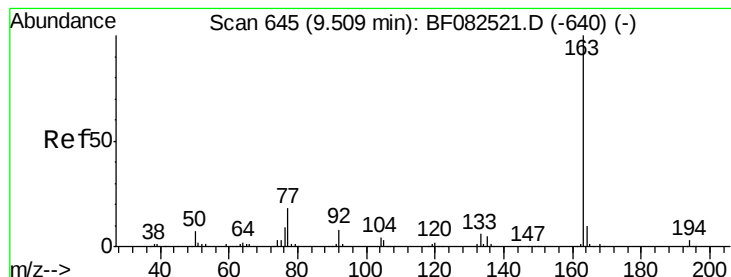
#44
 2-Fluorobiphenyl
 Concen: 83.96 ng
 RT: 9.10 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF082546.D
 Acq: 27 Oct 2015 12:32

Tgt Ion:172 Resp: 827156
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.3 43.9
 170 24.6 19.8 29.6



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





#49

Dimethylphthalate

Concen: 16.56 ng

RT: 9.50 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF082546.D

Acq: 27 Oct 2015 12:32

Instrument :

BNA_F

ClientSampleId :

COFF-03(0-2)

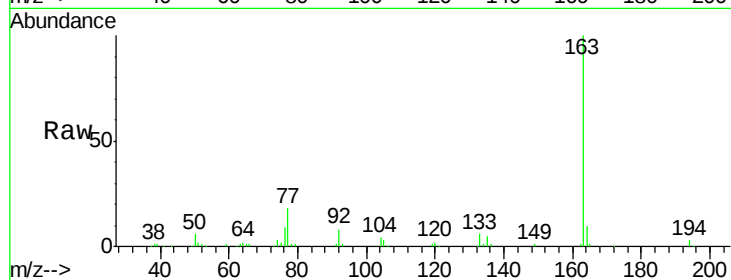
Tgt Ion:163 Resp: 180487

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

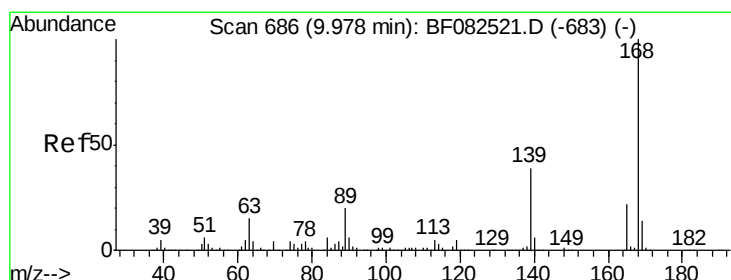
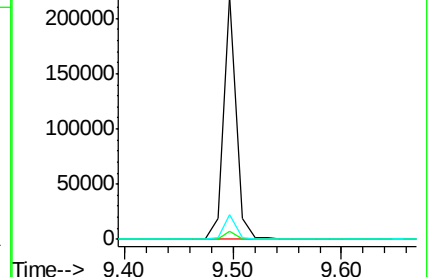
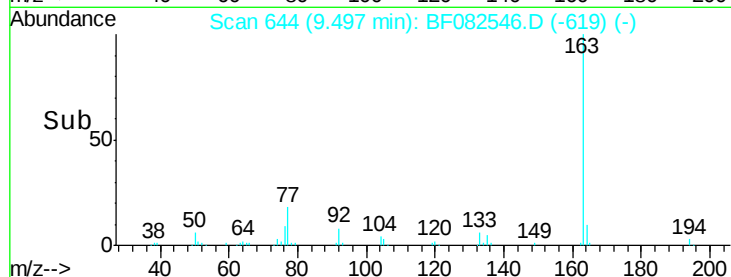
164 10.2 8.2 12.4



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: 6.68 ng

RT: 9.77 min Scan# 668

Delta R.T. -0.21 min

Lab File: BF082546.D

Acq: 27 Oct 2015 12:32

Tgt Ion:165 Resp: 19365

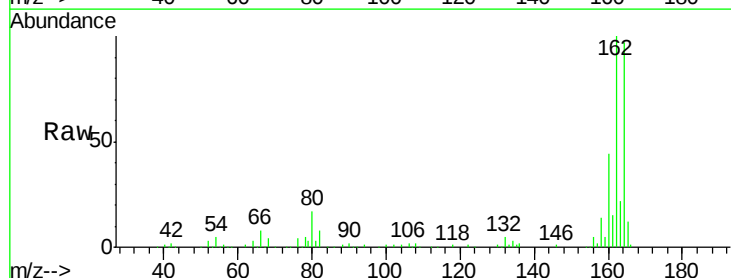
Ion Ratio Lower Upper

165 100

63 0.0 58.6 88.0#

89 0.0 72.3 108.5#

182 0.0 1.8 2.8#

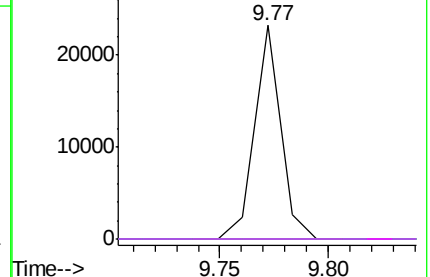
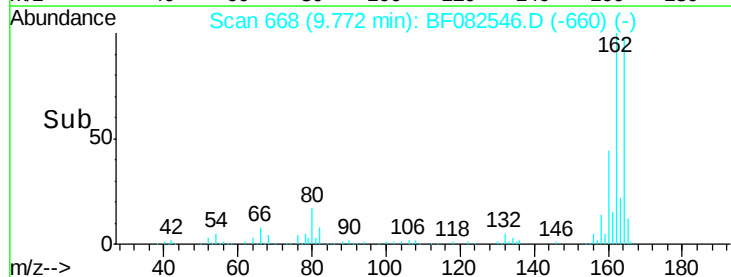


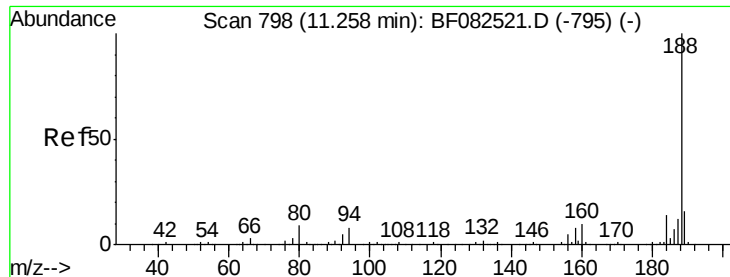
Abundance Ion 165.00 (164.70 to 165.70): E

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

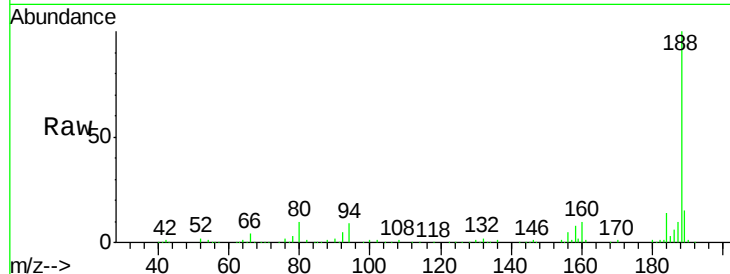




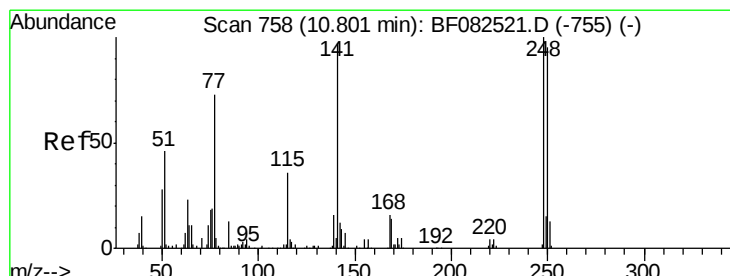
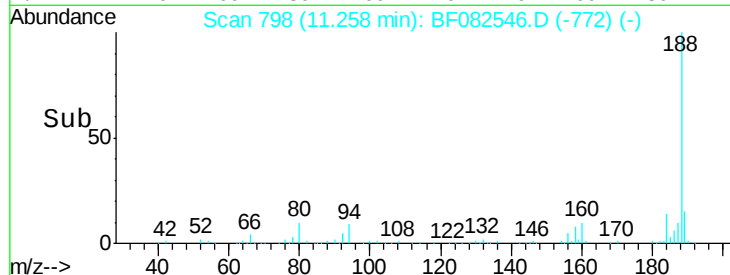
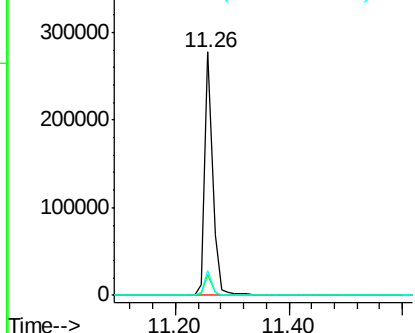
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: BF082546.D
 Acq: 27 Oct 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :
 COFF-03(0-2)

Tgt Ion:188 Resp: 260855
 Ion Ratio Lower Upper
 188 100
 94 8.8 6.4 9.6
 80 10.1 7.0 10.6

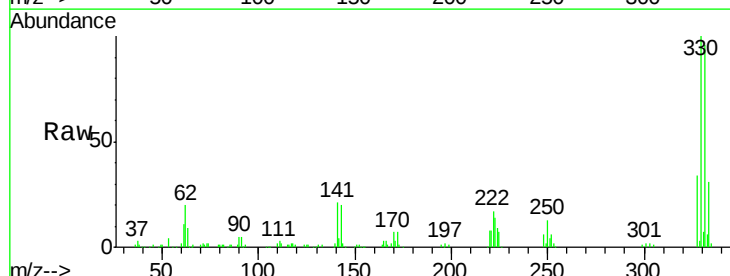


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

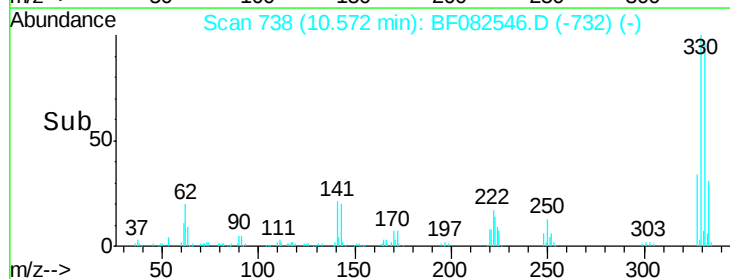
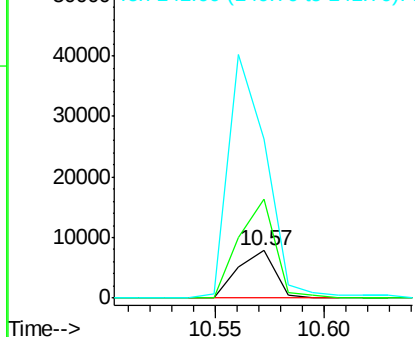


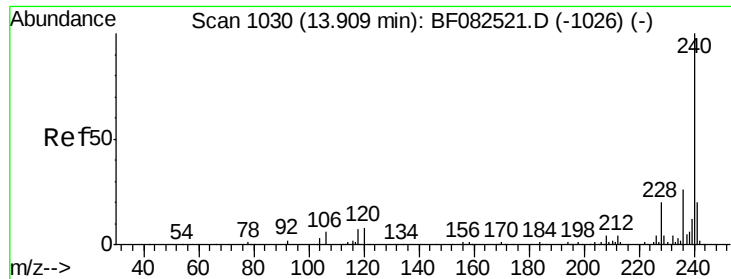
#66
 4-Bromophenyl-phenylether
 Concen: 3.80 ng
 RT: 10.57 min Scan# 738
 Delta R.T. -0.23 min
 Lab File: BF082546.D
 Acq: 27 Oct 2015 12:32

Tgt Ion:248 Resp: 9291
 Ion Ratio Lower Upper
 248 100
 250 208.3 76.0 114.0#
 141 334.7 77.5 116.3#



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: 13.93 min Scan# 1032

Delta R.T. 0.02 min

Lab File: BF082546.D

Acq: 27 Oct 2015 12:32

Instrument :

BNA_F

ClientSampleId :

COFF-03(0-2)

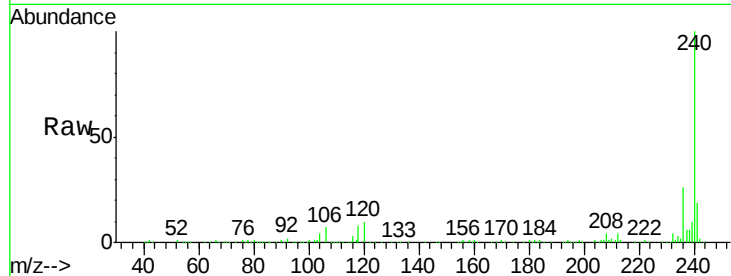
Tgt Ion:240 Resp: 276350

Ion Ratio Lower Upper

240 100

120 9.6 6.5 9.7

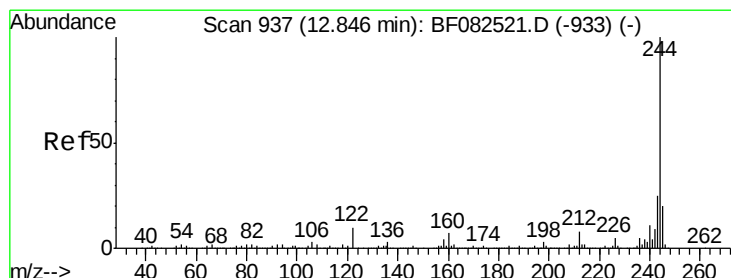
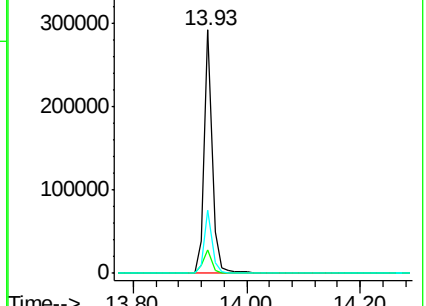
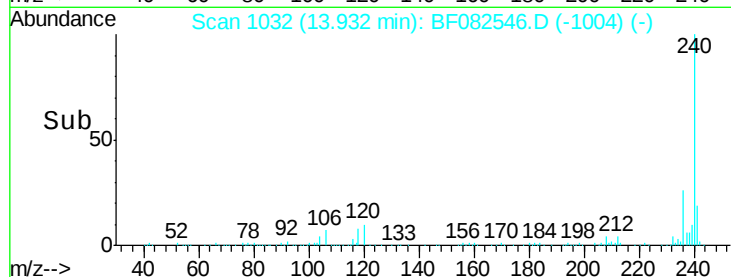
236 25.9 20.5 30.7



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: 73.25 ng

RT: 12.85 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF082546.D

Acq: 27 Oct 2015 12:32

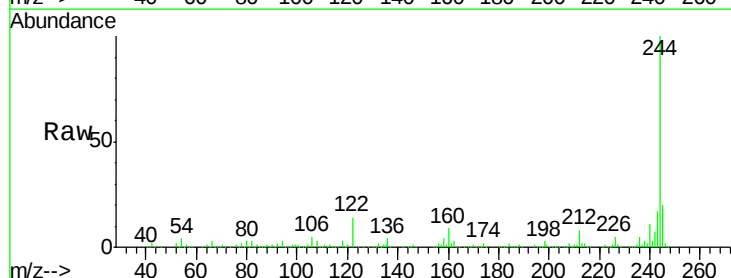
Tgt Ion:244 Resp: 702593

Ion Ratio Lower Upper

244 100

212 8.3 6.4 9.6

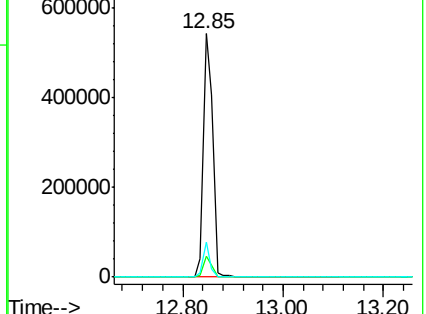
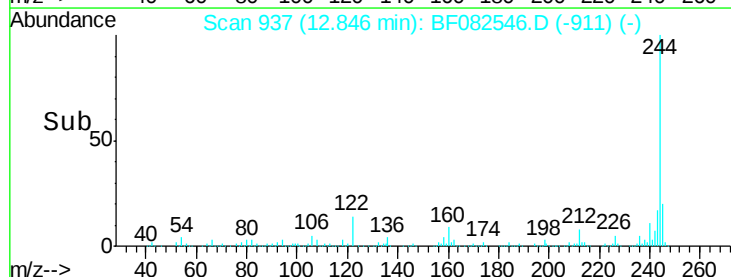
122 14.3 8.1 12.1#

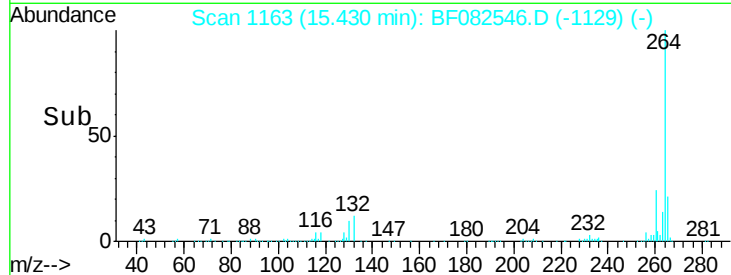
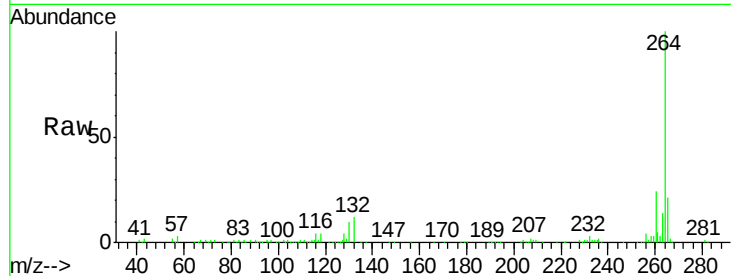
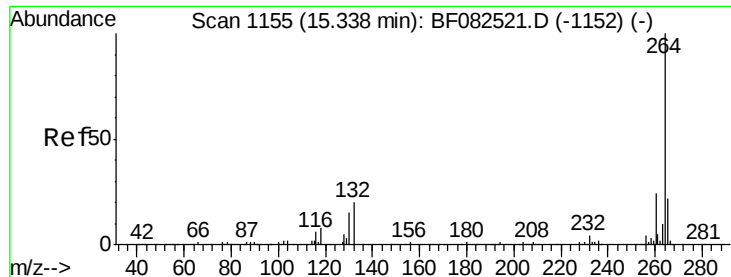


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.43 min Scan# 1163
Delta R.T. 0.09 min
Lab File: BF082546.D
Acq: 27 Oct 2015 12:32

Instrument :
BNA_F
ClientSampleId :
COFF-03(0-2)

Tgt Ion:	264	Resp:	203062
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.0	28.6
265	20.6	17.8	26.6

