

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
 Data File : BF082434.D
 Acq On : 22 Oct 2015 6:32
 Operator : UM/IZ
 Sample : G4116-19
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-02(0-2)

Quant Time: Oct 22 13:13:45 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

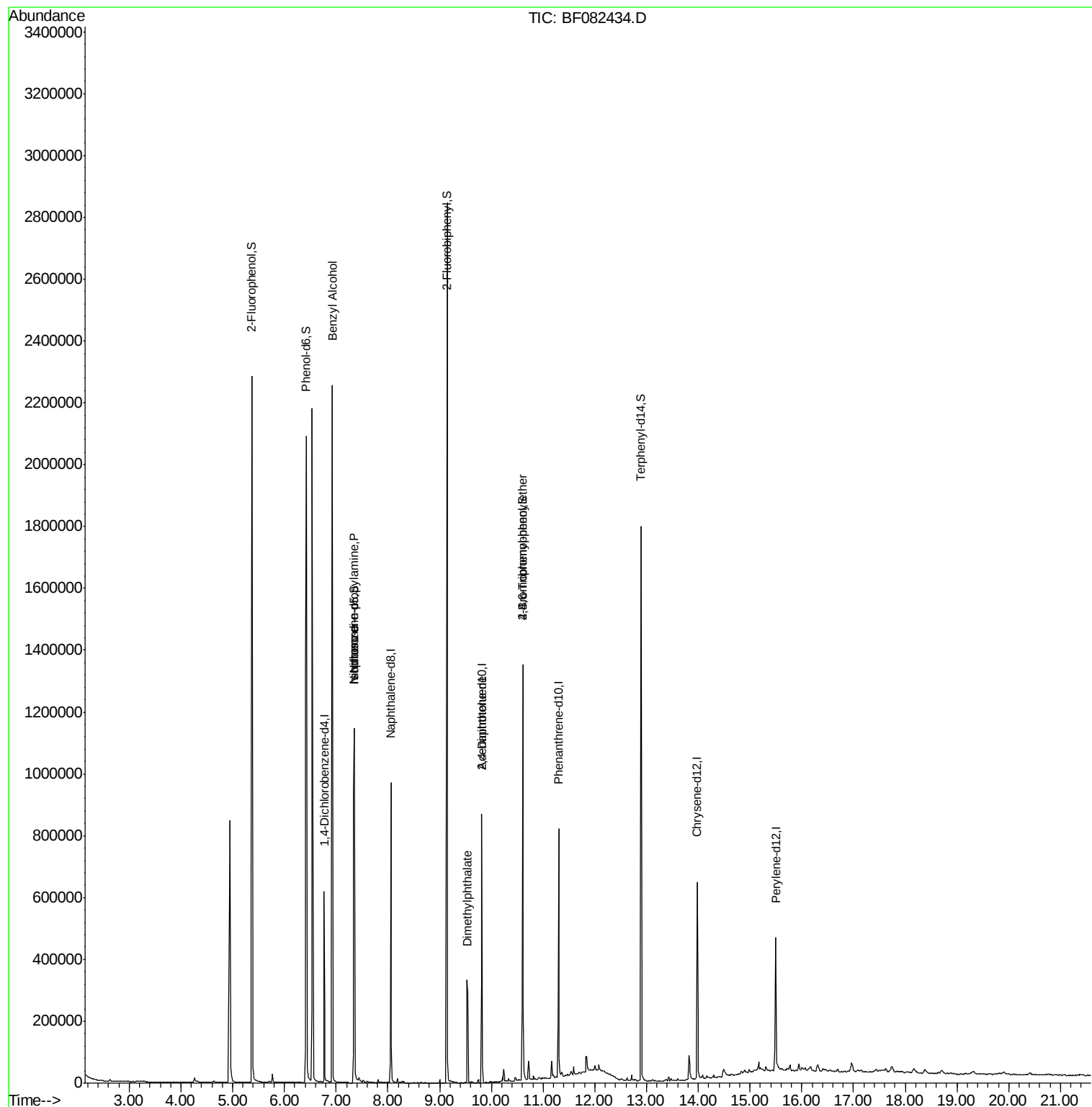
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	108682	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	416200	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	189941	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	314249	20.00	ng	0.00
75) Chrysene-d12	13.98	240	256481	20.00	ng	-0.03
86) Perylene-d12	15.50	264	249371	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	674578	125.27	ng	0.01
7) Phenol-d6	6.42	99	948086	135.29	ng	0.00
23) Nitrobenzene-d5	7.35	82	564382	91.06	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	141807	79.61	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1029447	89.88	ng	0.00
78) Terphenyl-d14	12.89	244	559029	57.76	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.93	79	9872	2.04	ng	# 49
19) n-Nitroso-di-n-propylamine	7.35	70	71433	14.52	ng	# 74
25) Isophorone	7.35	82	528854	42.28	ng	# 66
49) Dimethylphthalate	9.54	163	218289	16.32	ng	# 98
56) 2,4-Dinitrotoluene	9.82	165	23808	6.75	ng	# 23
66) 4-Bromophenyl-phenylether	10.61	248	10648	3.39	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: BF082434.D

Acq: 22 Oct 2015 6:32

Instrument :

BNA_F

ClientSampleId :

AB-AC-02(0-2)

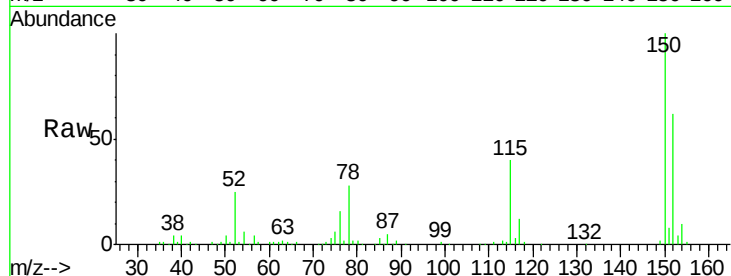
Tot Ion:152 Resp: 108682

Ion Ratio Lower Upper

152 100

150 160.2 129.0 193.4

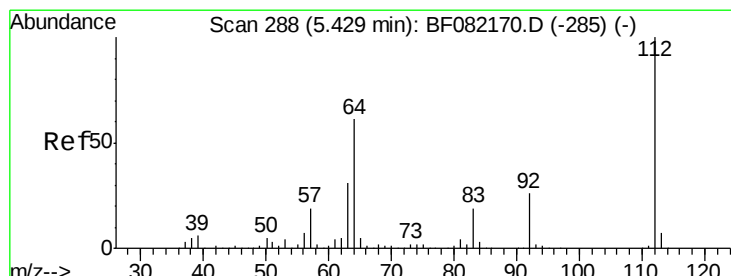
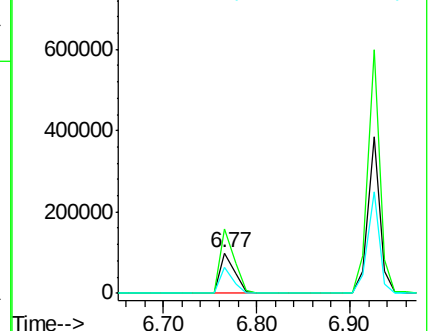
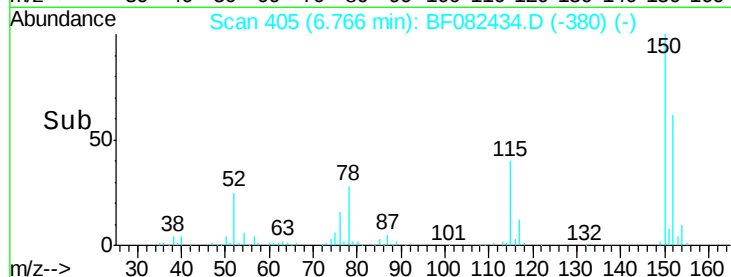
115 63.4 52.1 78.1



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: 125.27 ng

RT: 5.37 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF082434.D

Acq: 22 Oct 2015 6:32

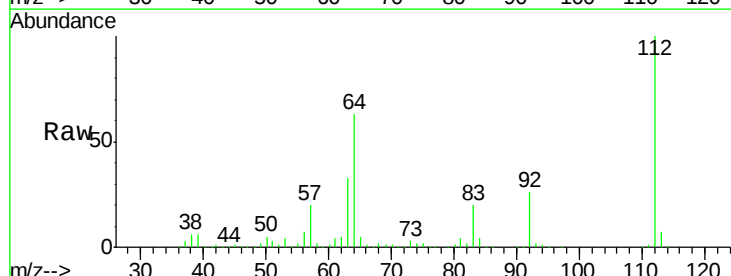
Tgt Ion:112 Resp: 674578

Ion Ratio Lower Upper

112 100

64 63.1 48.6 73.0

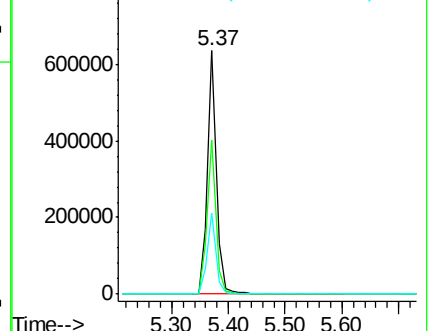
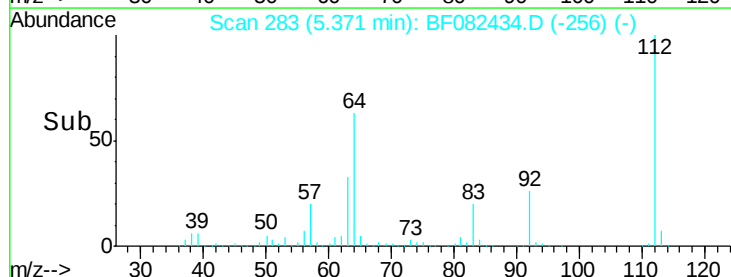
63 33.4 25.1 37.7



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: 135.29 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF082434.D

Acq: 22 Oct 2015 6:32

Instrument :

BNA_F

ClientSampleId :

AB-AC-02(0-2)

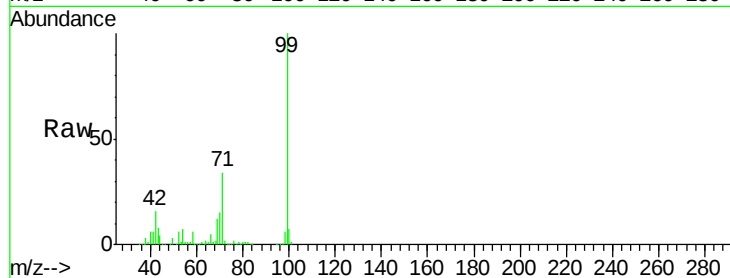
Tot Ion: 99 Resp: 948086

Ion Ratio Lower Upper

99 100

42 16.3 13.2 19.8

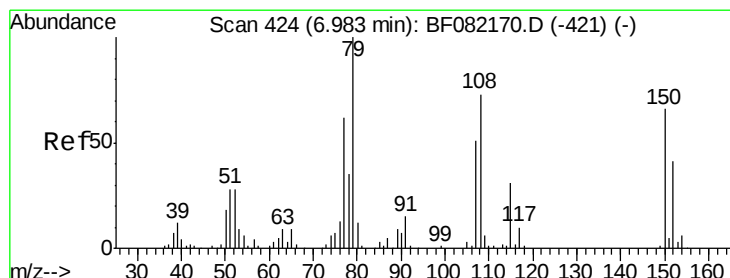
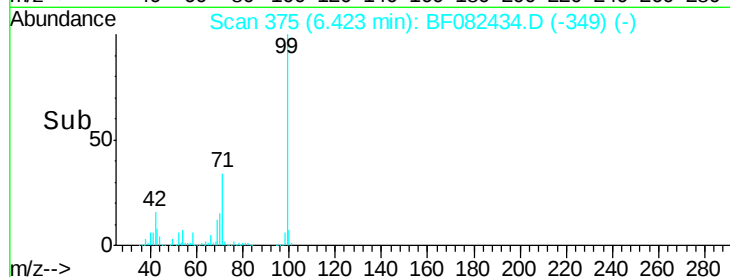
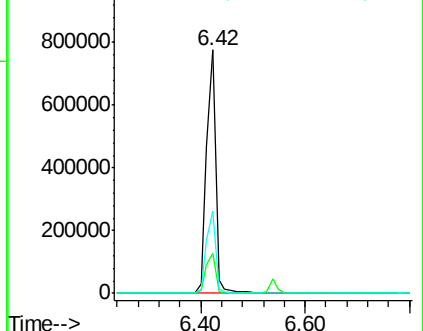
71 33.8 25.6 38.4



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



#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 6.93 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF082434.D

Acq: 22 Oct 2015 6:32

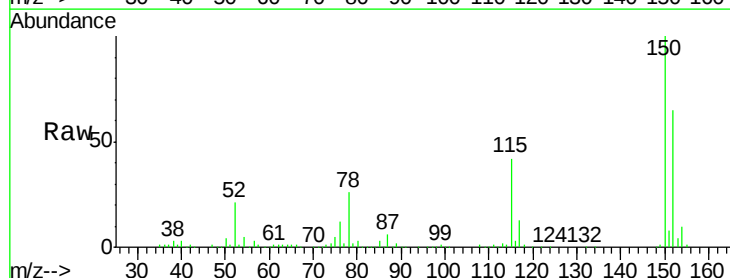
Tgt Ion: 79 Resp: 9872

Ion Ratio Lower Upper

79 100

108 28.9 58.4 87.6#

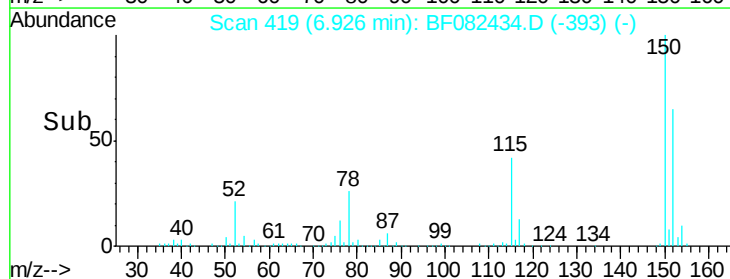
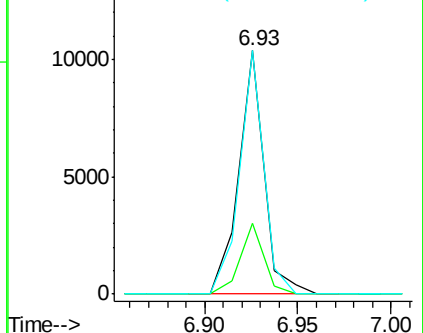
77 99.8 49.8 74.6#

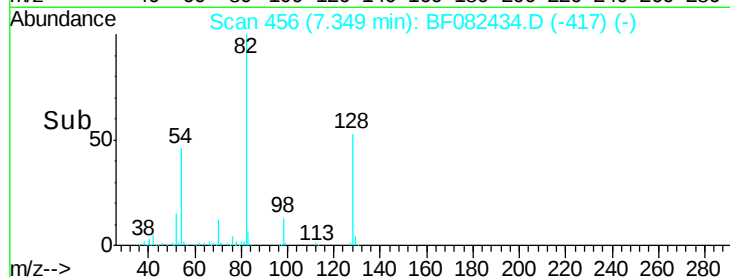
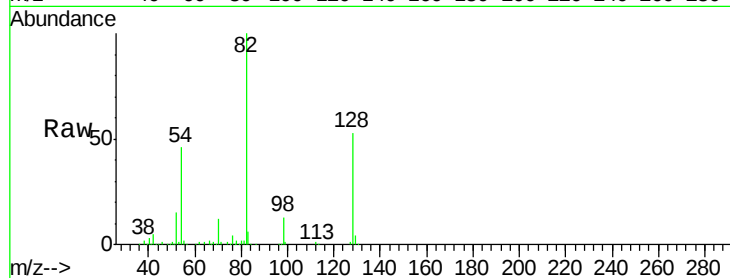
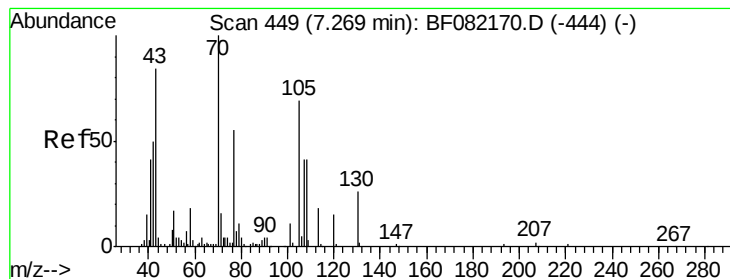


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 14.52 ng

RT: 7.35 min Scan# 456

Delta R.T. 0.15 min

Lab File: BF082434.D

Acq: 22 Oct 2015 6:32

Instrument :

BNA_F

ClientSampleId :

AB-AC-02(0-2)

Tot Ion: 70 Resp: 71433

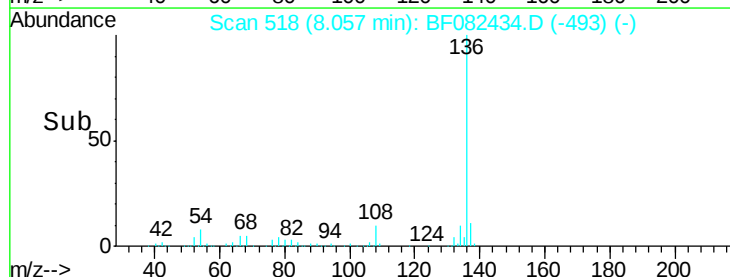
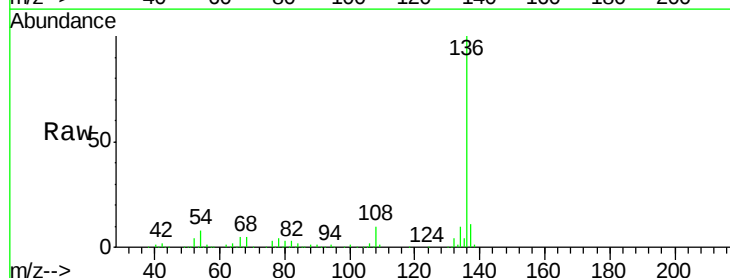
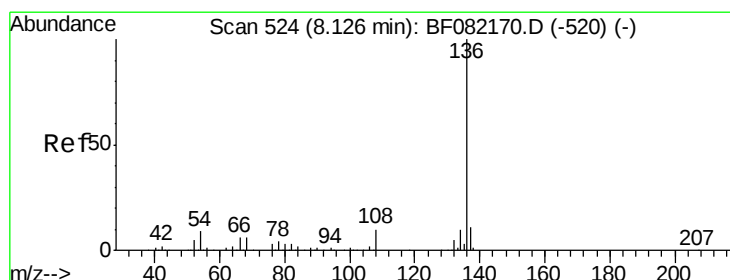
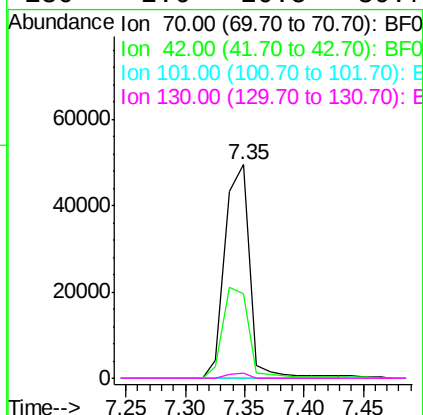
Ion Ratio Lower Upper

70 100

42 39.6 39.8 59.8#

101 0.0 8.6 13.0#

130 2.6 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: BF082434.D

Acq: 22 Oct 2015 6:32

Tgt Ion: 136 Resp: 416200

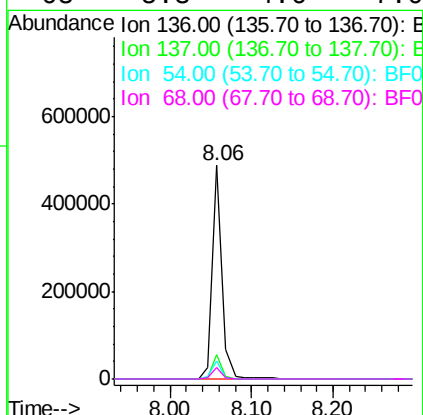
Ion Ratio Lower Upper

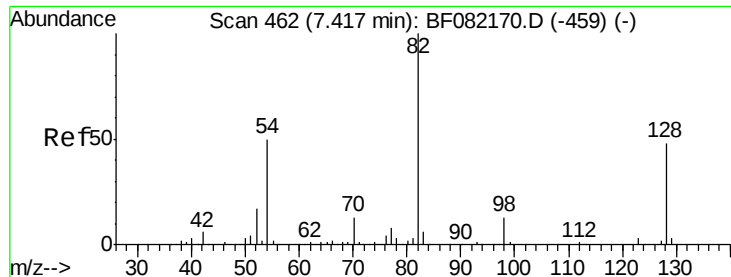
136 100

137 11.2 9.0 13.6

54 8.4 7.5 11.3

68 5.3 4.6 7.0

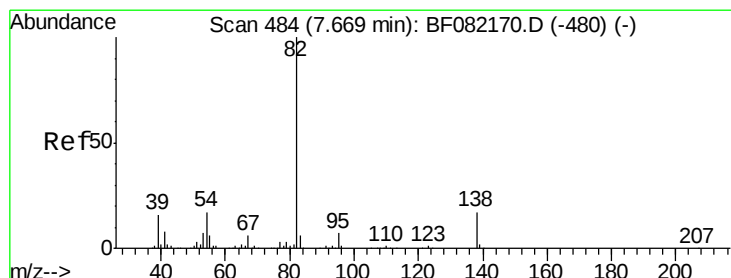
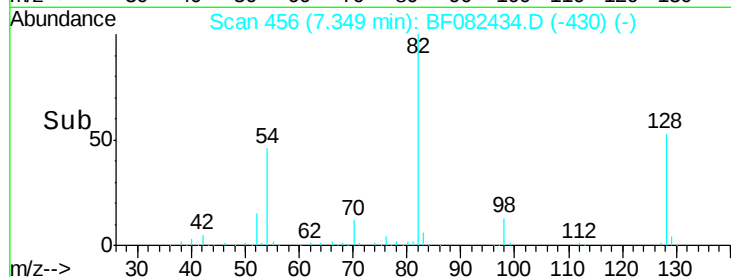
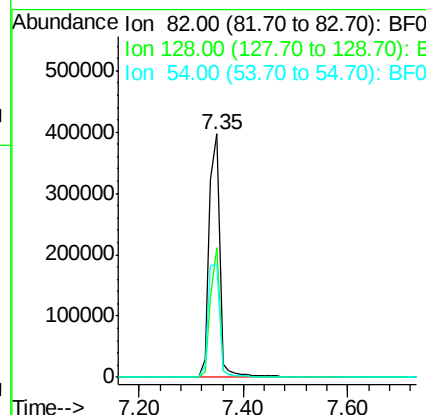
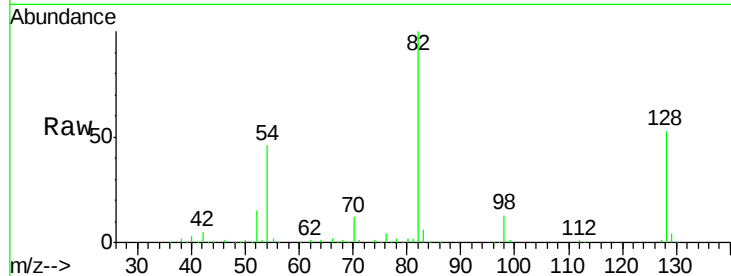




#23
Nitrobenzene-d5
Concen: 91.06 ng
RT: 7.35 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF082434.D
Acq: 22 Oct 2015 6:32

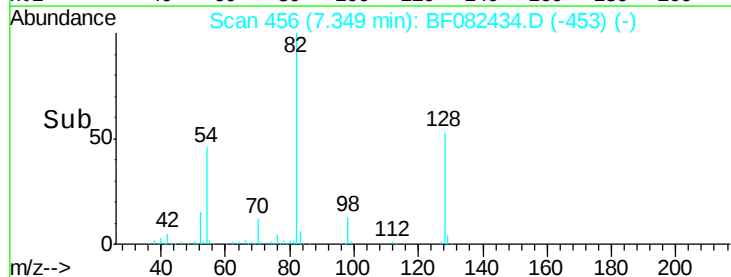
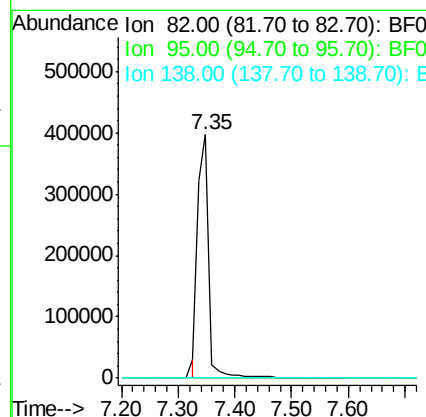
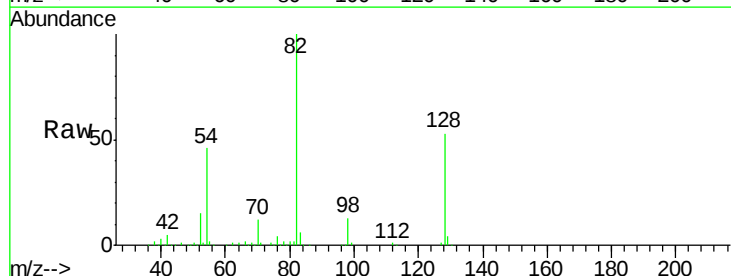
Instrument :
BNA_F
ClientSampleId :
AB-AC-02(0-2)

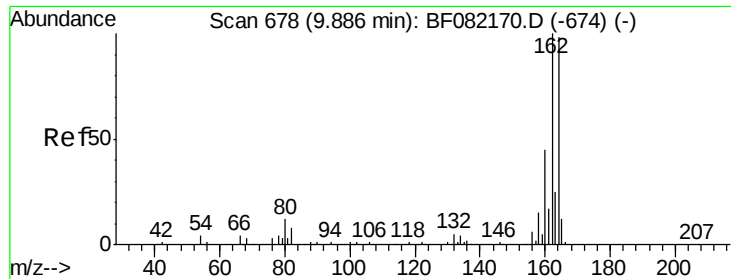
Tot Ion: 82 Resp: 564382
Ion Ratio Lower Upper
82 100
128 53.3 38.7 58.1
54 46.3 40.1 60.1



#25
Isophorone
Concen: 42.28 ng
RT: 7.35 min Scan# 456
Delta R.T. -0.26 min
Lab File: BF082434.D
Acq: 22 Oct 2015 6:32

Tgt Ion: 82 Resp: 528854
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: BF082434.D

Acq: 22 Oct 2015 6:32

Instrument :

BNA_F

ClientSampleId :

AB-AC-02(0-2)

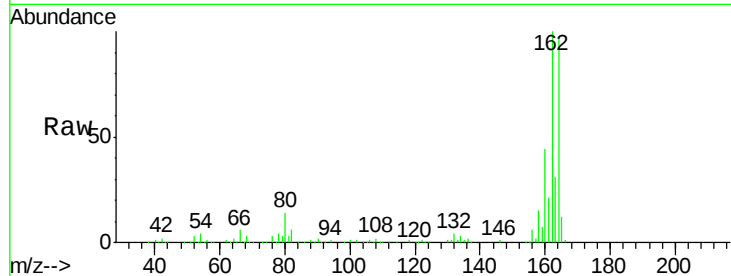
Tot Ion:164 Resp: 189941

Ion Ratio Lower Upper

164 100

162 103.5 81.6 122.4

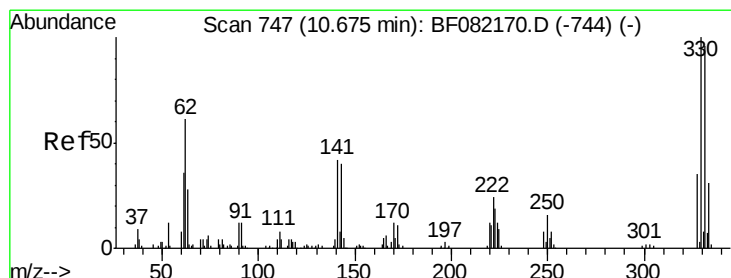
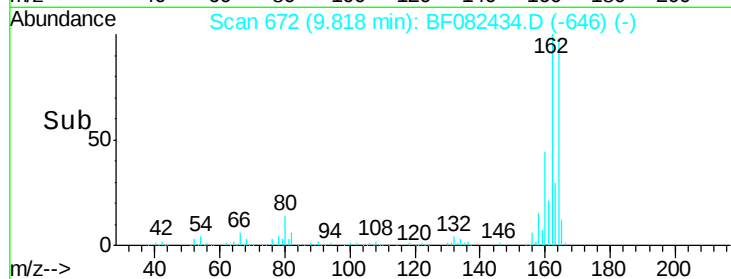
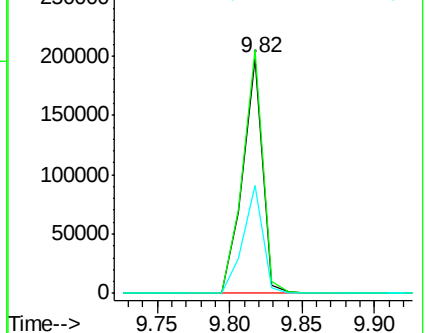
160 45.8 36.4 54.6



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: 79.61 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF082434.D

Acq: 22 Oct 2015 6:32

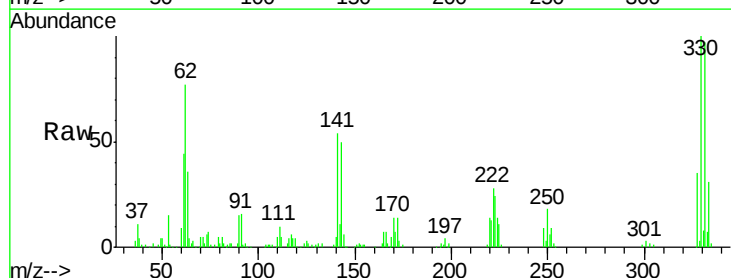
Tgt Ion:330 Resp: 141807

Ion Ratio Lower Upper

330 100

332 95.7 77.1 115.7

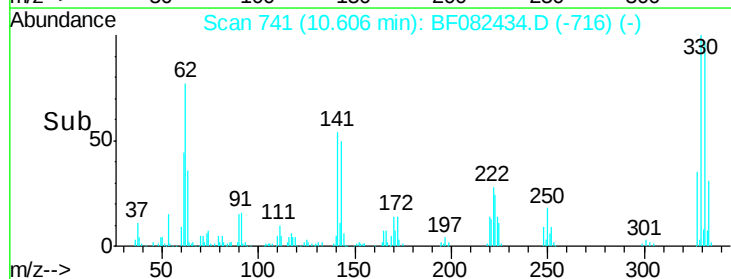
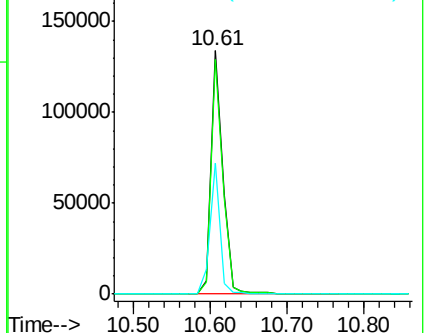
141 45.5 29.8 44.8#



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



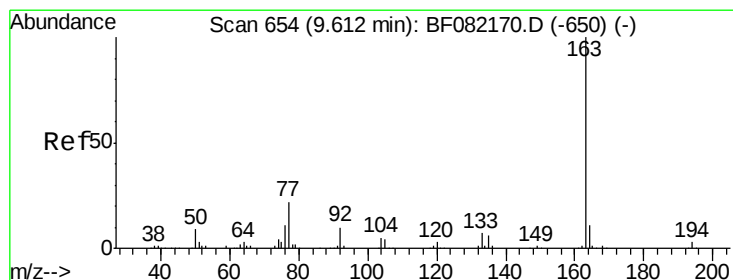
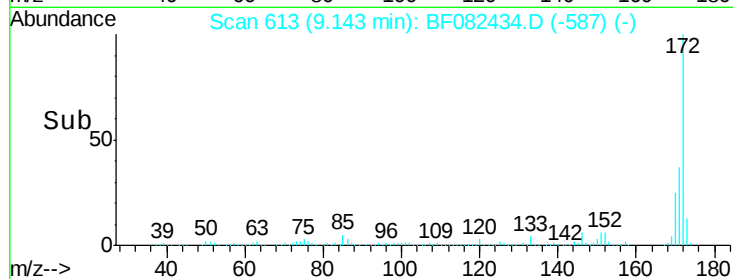
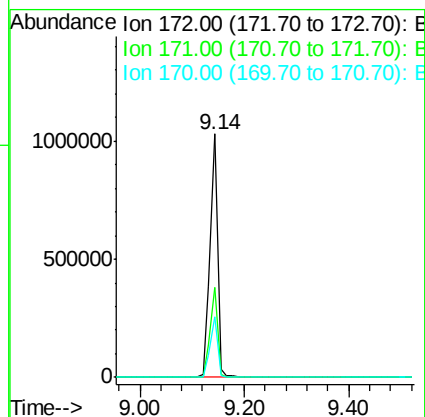
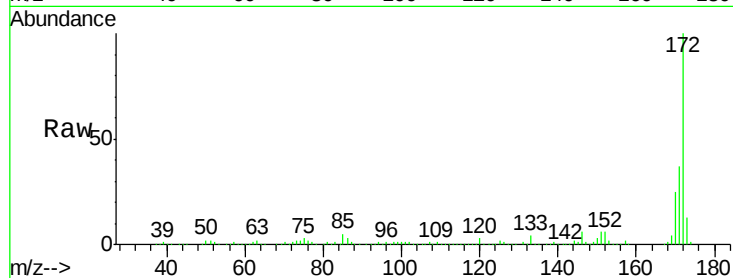


#44
 2-Fluorobiphenyl
 Concen: 89.88 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082434.D
 Acq: 22 Oct 2015 6:32

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-02(0-2)

Tot Ion:172 Resp: 1029447

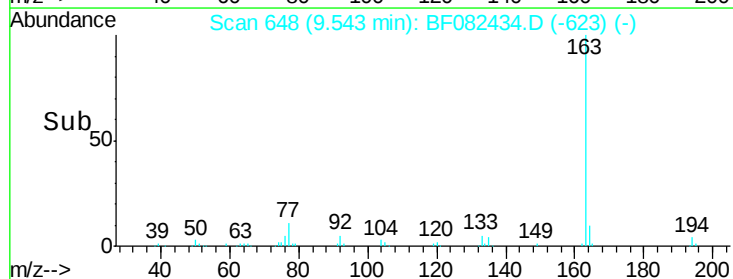
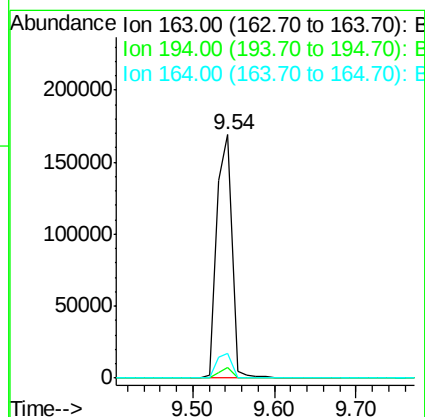
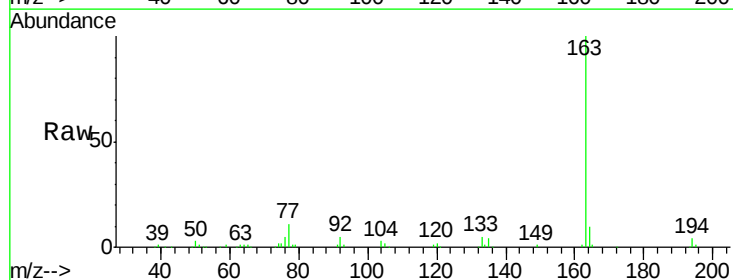
Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.6	42.8
170	24.7	19.7	29.5

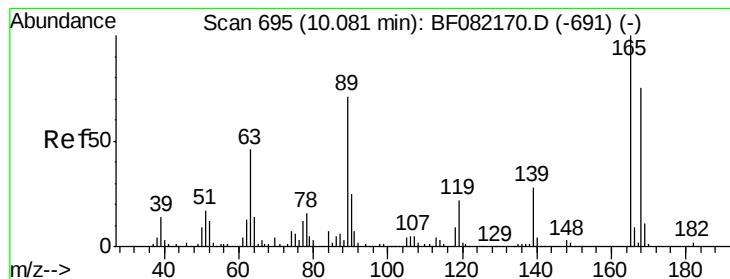


#49
 Dimethylphthalate
 Concen: 16.32 ng
 RT: 9.54 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF082434.D
 Acq: 22 Oct 2015 6:32

Tgt Ion:163 Resp: 218289

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.6	4.0#
164	10.0	8.5	12.7

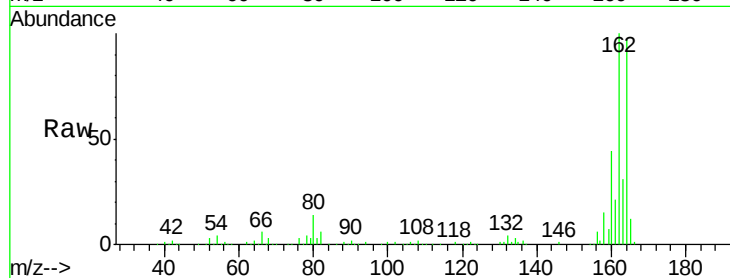




#56
 2,4-Dinitrotoluene
 Concen: 6.75 ng
 RT: 9.82 min Scan# 672
 Delta R.T. -0.21 min
 Lab File: BF082434.D
 Acq: 22 Oct 2015 6:32

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-02(0-2)

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	38.6	58.0#
89	1.4	57.0	85.6#
182	0.0	1.8	2.6#

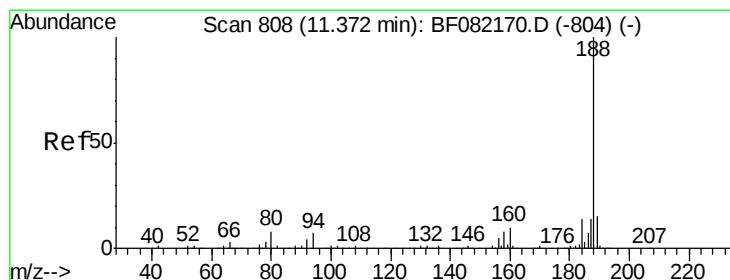
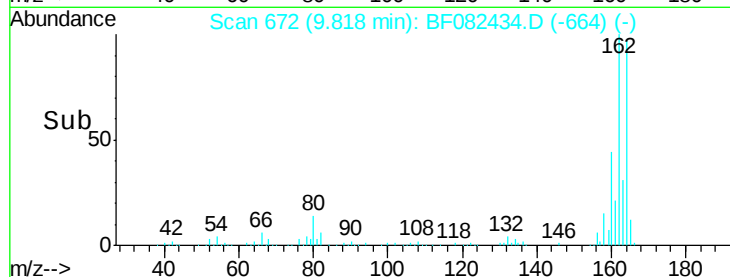
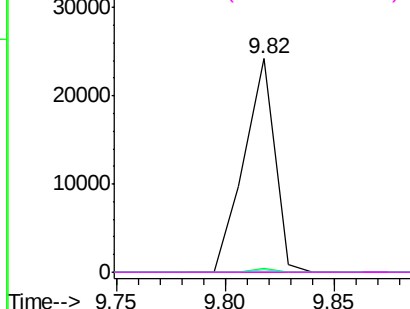


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

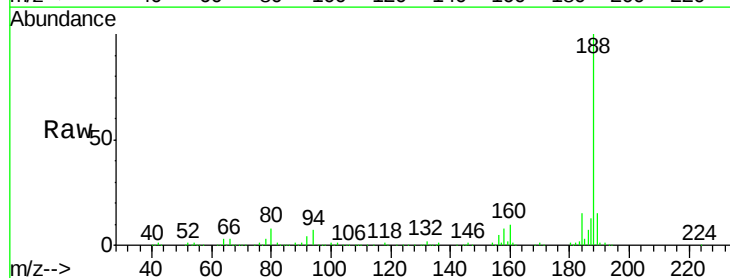
Ion 89.00 (88.70 to 89.70): BF0

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: BF082434.D
 Acq: 22 Oct 2015 6:32

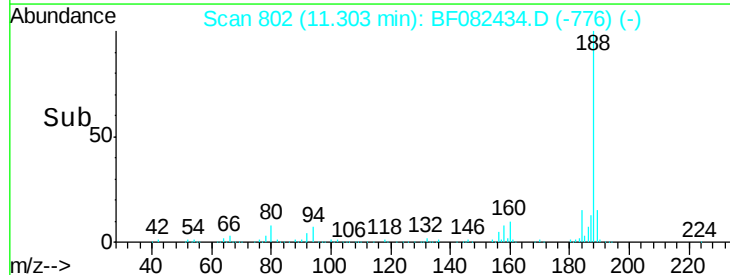
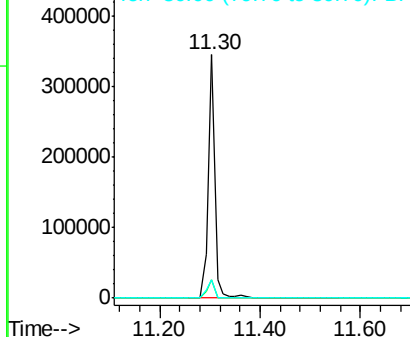
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.8	8.6
80	7.6	6.4	9.6

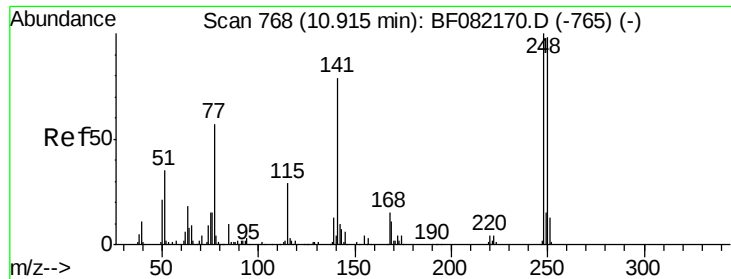


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.39 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.25 min

Lab File: BF082434.D

Acq: 22 Oct 2015 6:32

Instrument :

BNA_F

ClientSampleId :

AB-AC-02(0-2)

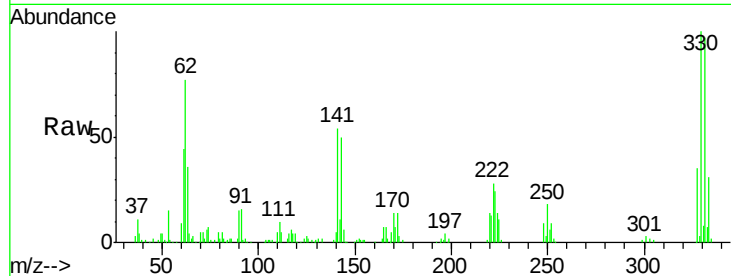
Tot Ion:248 Resp: 10648

Ion Ratio Lower Upper

248 100

250 201.4 78.6 117.8#

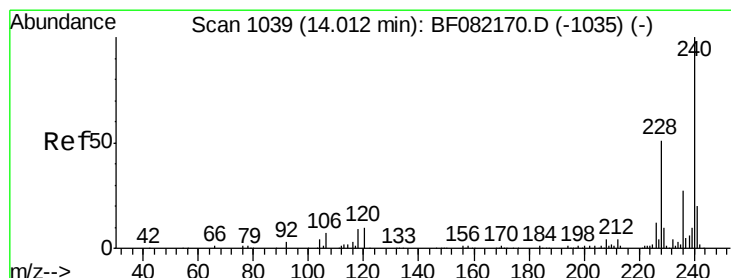
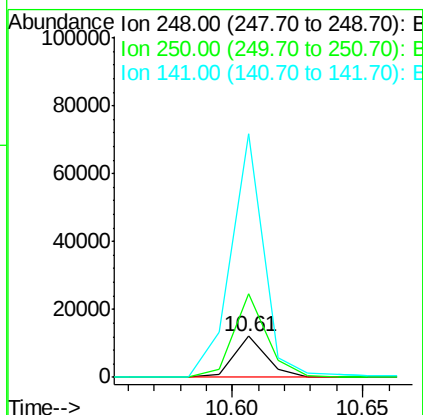
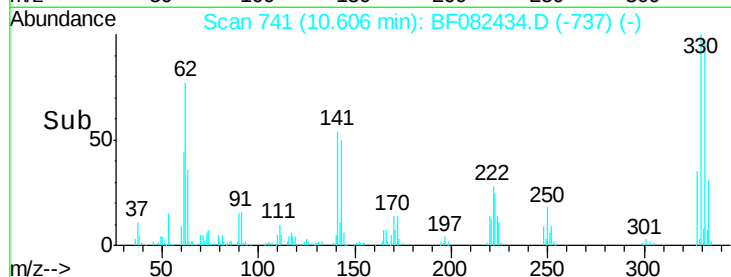
141 589.9 63.3 94.9#



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: 13.98 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF082434.D

Acq: 22 Oct 2015 6:32

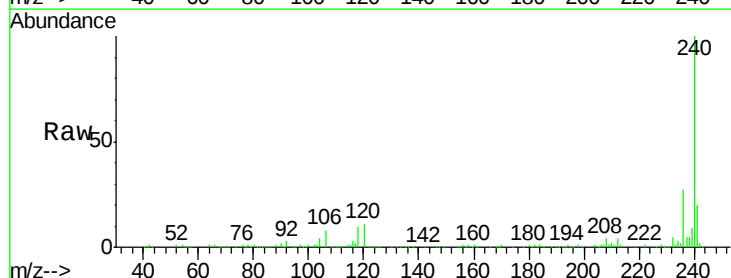
Tgt Ion:240 Resp: 256481

Ion Ratio Lower Upper

240 100

120 11.1 8.1 12.1

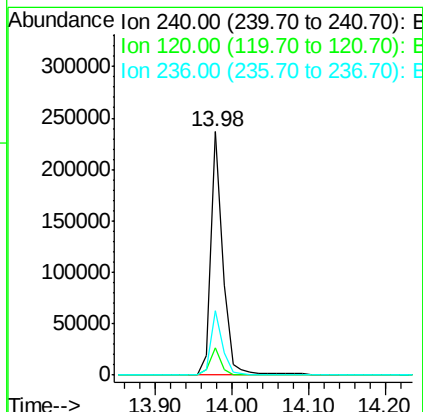
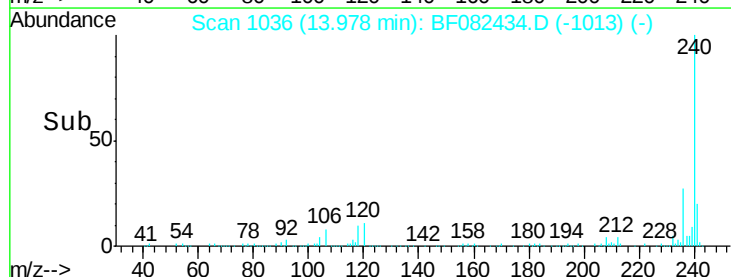
236 26.6 21.3 31.9

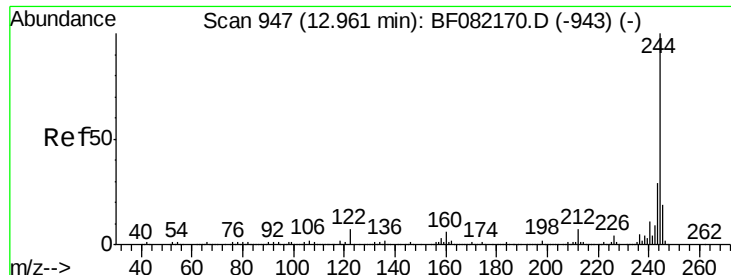


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 57.76 ng

RT: 12.89 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF082434.D

Acq: 22 Oct 2015 6:32

Instrument :

BNA_F

ClientSampleId :

AB-AC-02(0-2)

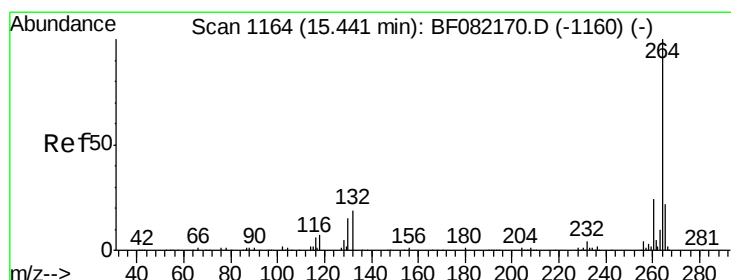
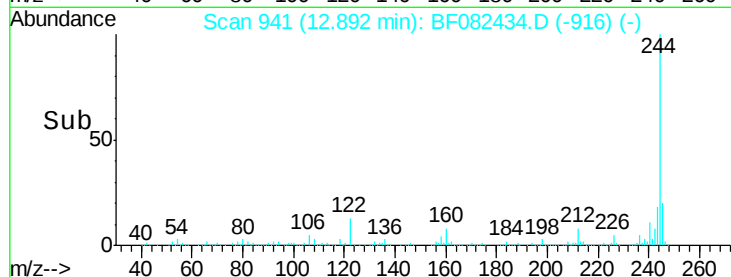
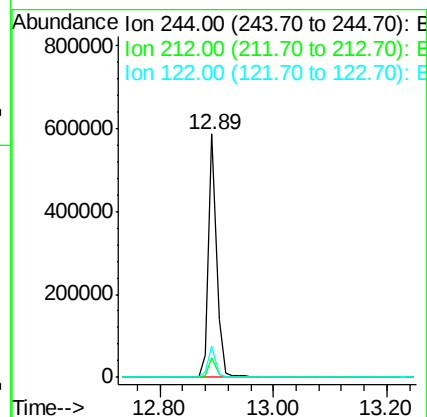
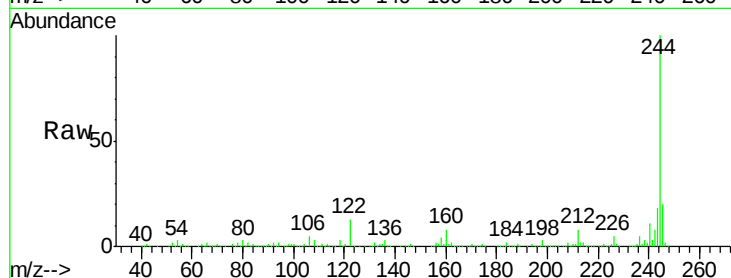
Tot Ion:244 Resp: 559029

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.6

122 12.6 5.9 8.9#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 1169

Delta R.T. -0.03 min

Lab File: BF082434.D

Acq: 22 Oct 2015 6:32

Tgt Ion:264 Resp: 249371

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 21.9 17.3 25.9

