

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102615\
 Data File : BF082538.D
 Acq On : 27 Oct 2015 8:28
 Operator : UM/IZ
 Sample : G4116-19RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Oct 27 10:51:10 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

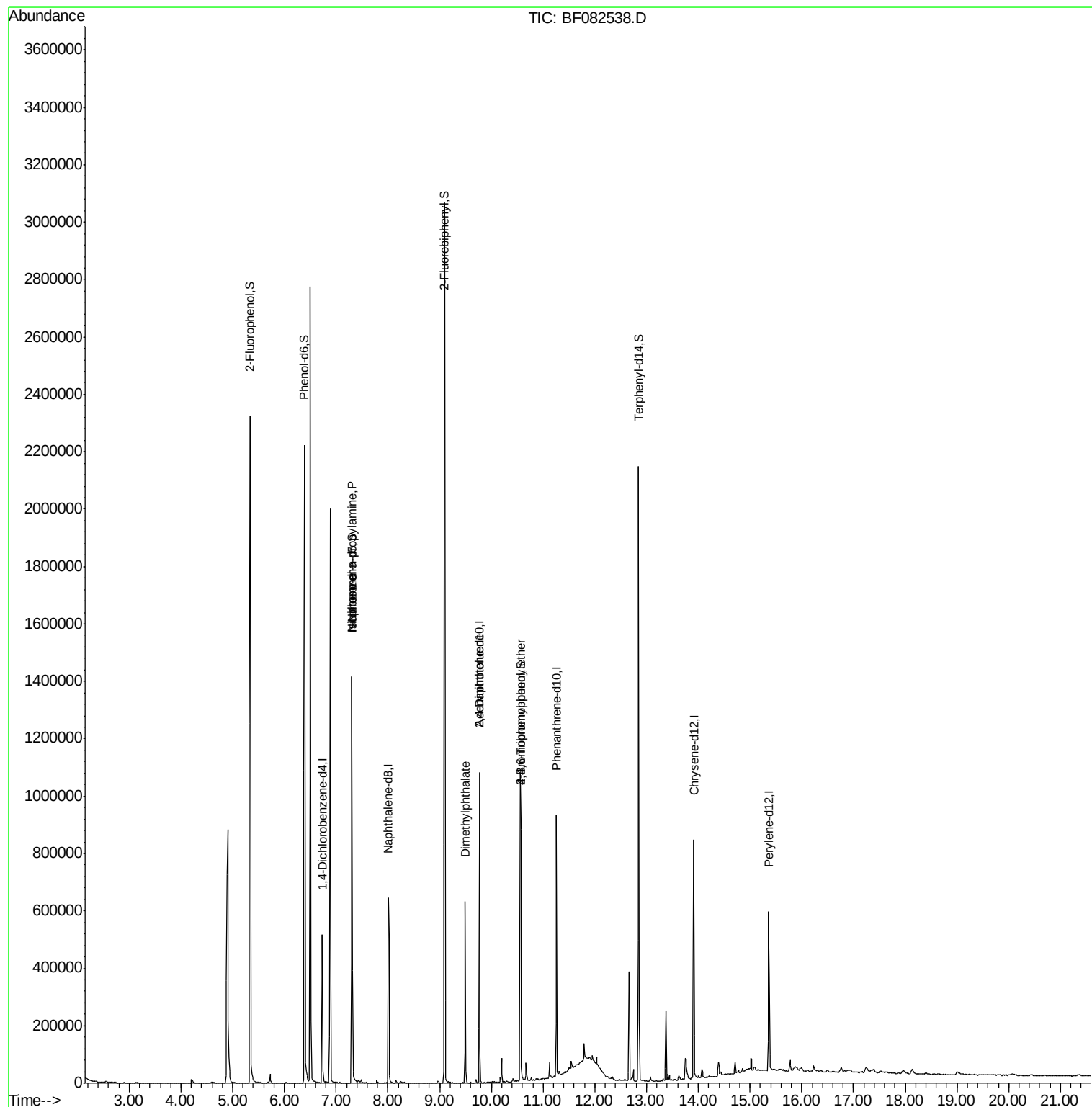
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	115589	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	421971	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	213939	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	340970	20.00	ng	0.00
75) Chrysene-d12	13.91	240	295883	20.00	ng	0.00
86) Perylene-d12	15.36	264	257214	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	784162	133.92	ng	0.02
7) Phenol-d6	6.39	99	922595	120.89	ng	0.01
23) Nitrobenzene-d5	7.30	82	559027	85.47	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	177649	110.89	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	992710	73.79	ng	0.00
78) Terphenyl-d14	12.85	244	658670	64.13	ng	0.00
Target Compounds						
9) Benzaldehyde	6.39	77	1155	Below Cal	#	3
19) n-Nitroso-di-n-propylamine	7.30	70	73986	14.88	ng	# 78
25) Isophorone	7.30	82	560041	43.10	ng	# 64
49) Dimethylphthalate	9.50	163	260183	17.48	ng	# 99
56) 2,4-Dinitrotoluene	9.77	165	27645	6.98	ng	# 11
66) 4-Bromophenyl-phenylether	10.57	248	13228	4.13	ng	# 1

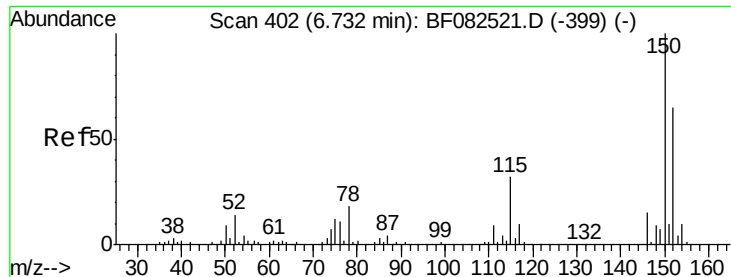
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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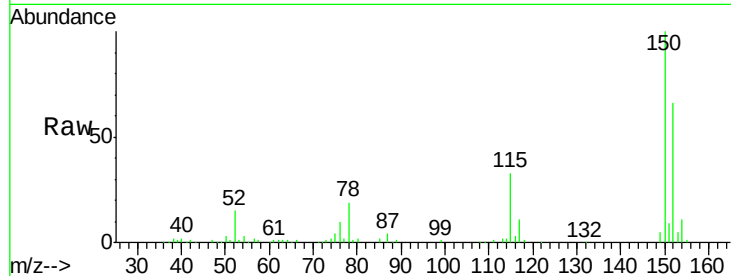


#1

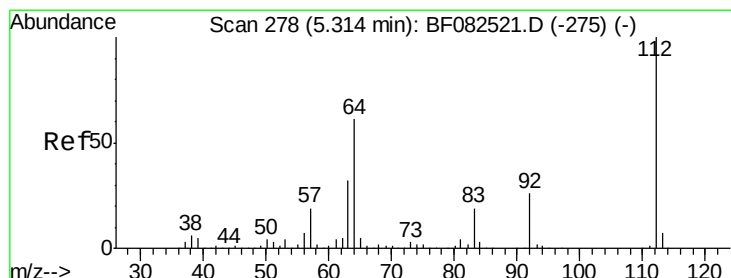
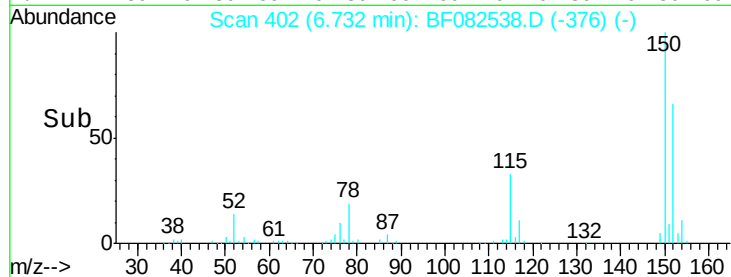
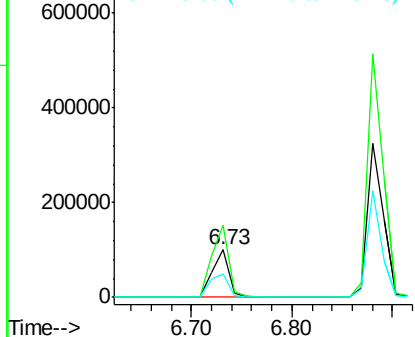
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF082538.D
Acq: 27 Oct 2015 8:28

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

Tot Ion:152 Resp: 115589
Ion Ratio Lower Upper
152 100
150 152.6 123.4 185.0
115 49.7 39.0 58.4



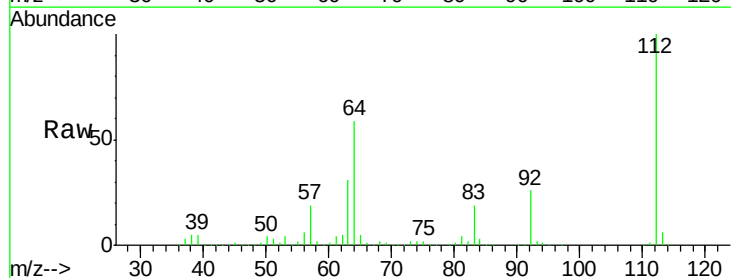
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



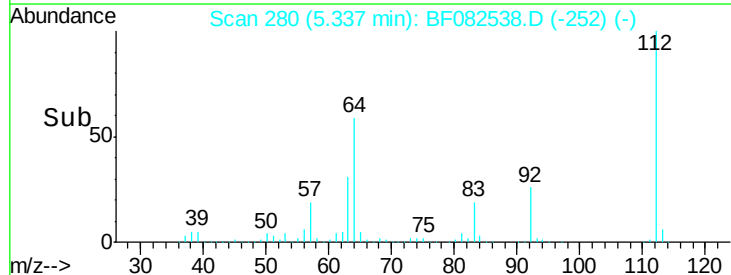
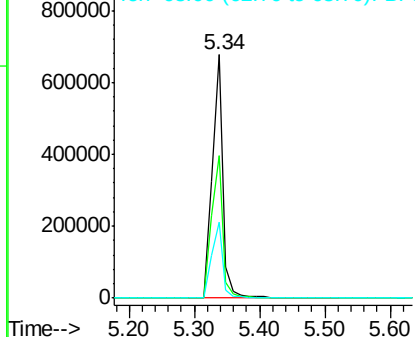
#5

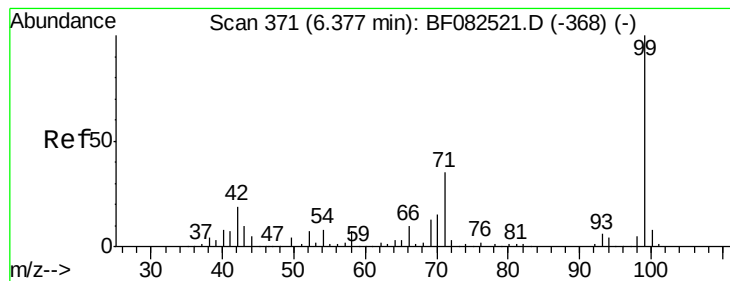
2-Fluorophenol
Concen: 133.92 ng
RT: 5.34 min Scan# 280
Delta R.T. 0.02 min
Lab File: BF082538.D
Acq: 27 Oct 2015 8:28

Tgt Ion:112 Resp: 784162
Ion Ratio Lower Upper
112 100
64 58.7 49.0 73.4
63 31.3 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: 120.89 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.01 min

Lab File: BF082538.D

Acq: 27 Oct 2015 8:28

Instrument :

BNA_F

ClientSampleId :

AB-AC-02(0-2)

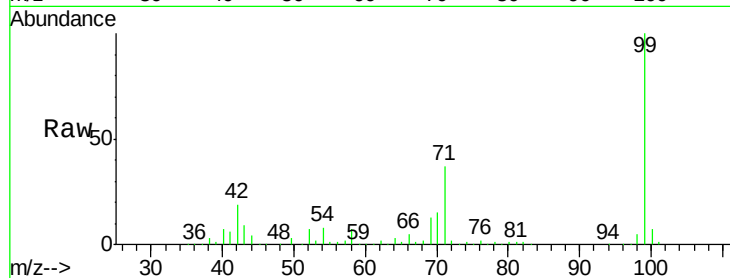
Tot Ion: 99 Resp: 922595

Ion Ratio Lower Upper

99 100

42 18.6 15.1 22.7

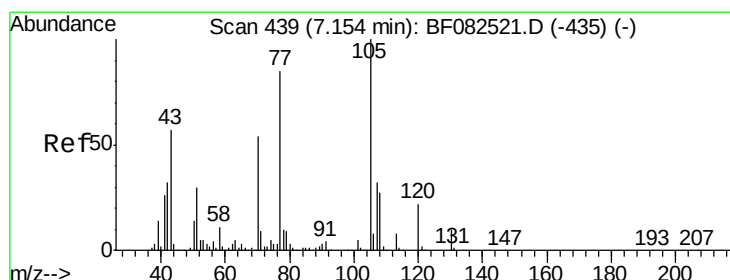
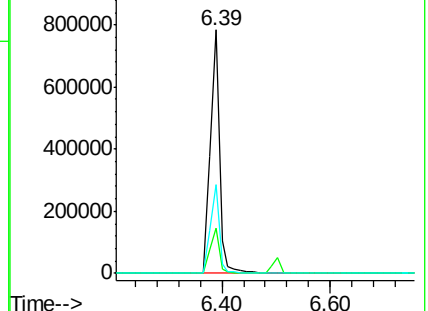
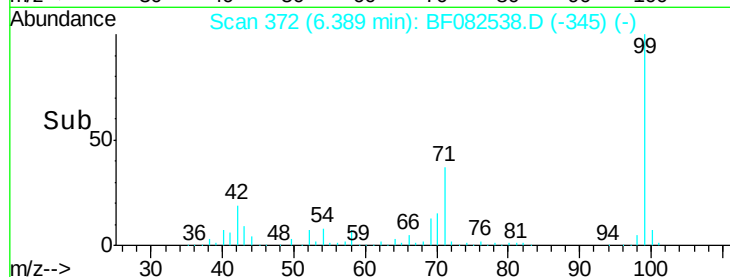
71 36.5 28.2 42.2



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: 14.88 ng

RT: 7.30 min Scan# 452

Delta R.T. 0.15 min

Lab File: BF082538.D

Acq: 27 Oct 2015 8:28

Tgt Ion: 70 Resp: 73986

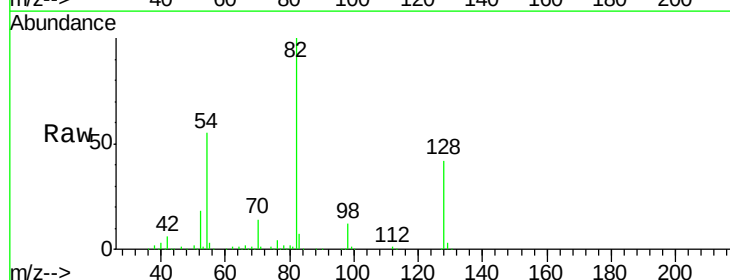
Ion Ratio Lower Upper

70 100

42 45.6 46.9 70.3#

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

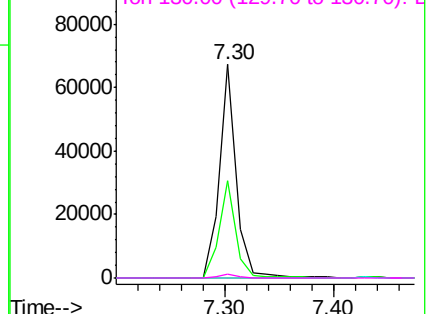
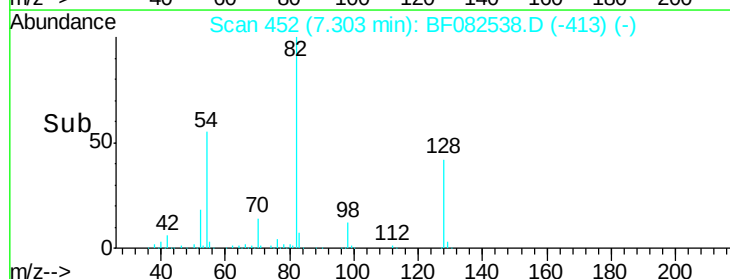


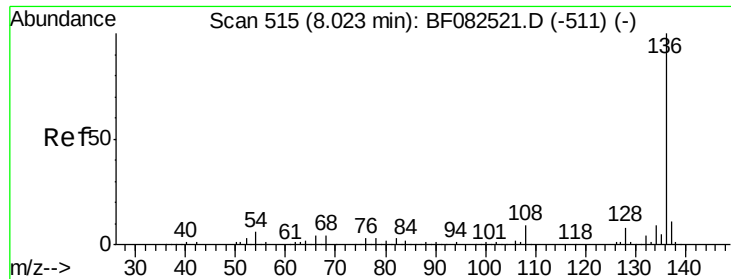
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

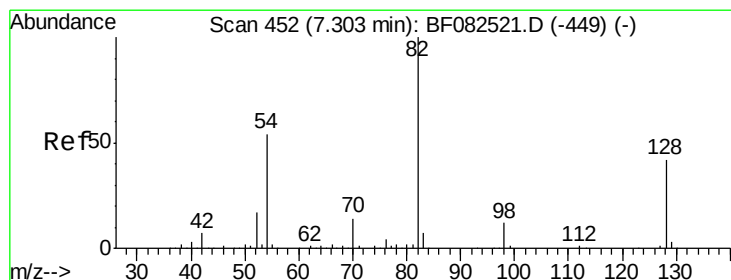
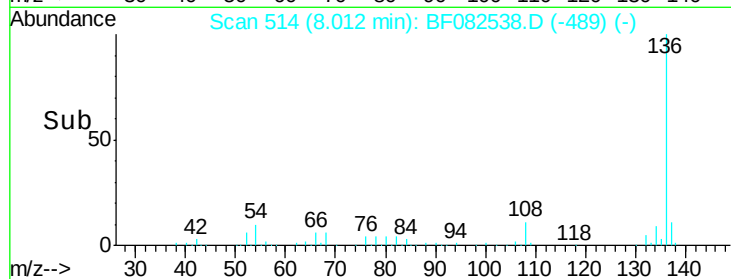
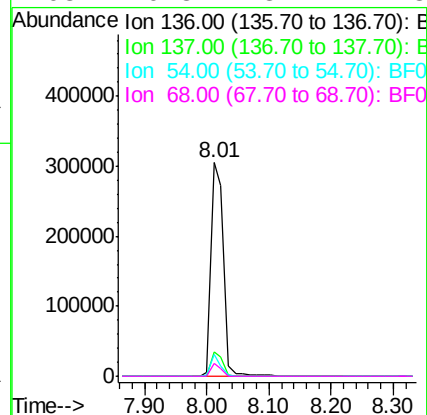
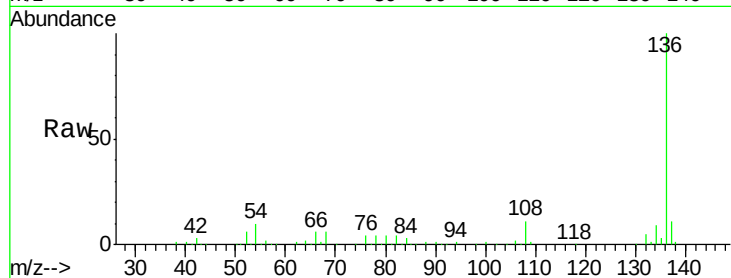




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF082538.D
Acq: 27 Oct 2015 8:28

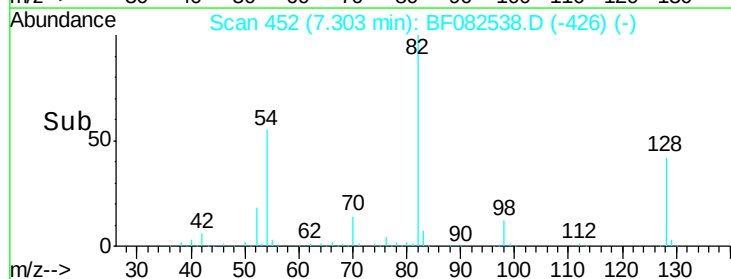
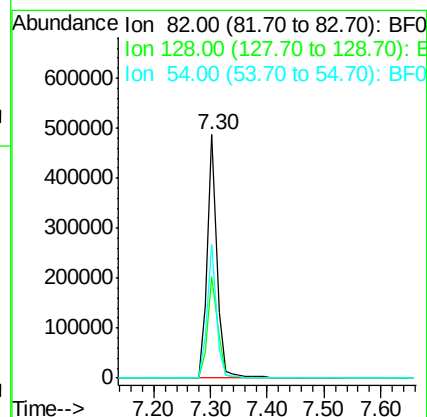
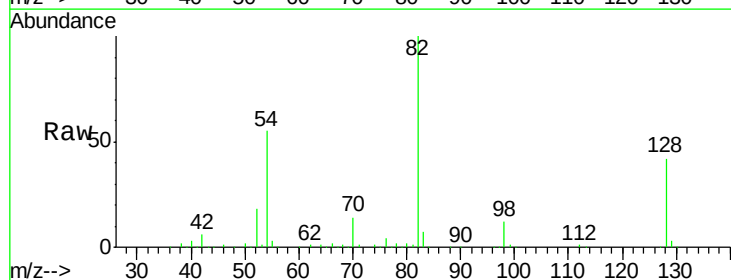
Instrument :
BNA_F
ClientSampleId :
AB-AC-02(0-2)

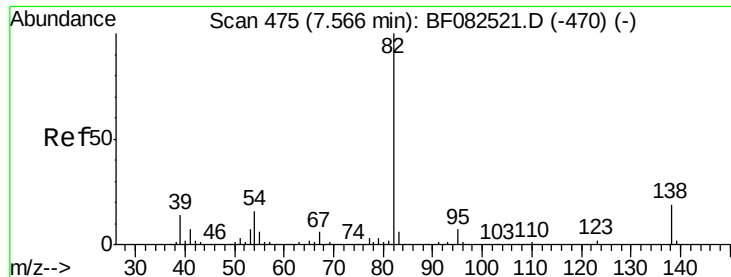
Tot Ion:	136	Resp:	421971
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.5	4.6	7.0#
68	6.3	3.2	4.8#



#23
Nitrobenzene-d5
Concen: 85.47 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF082538.D
Acq: 27 Oct 2015 8:28

Tgt Ion:	82	Resp:	559027
Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.4	50.0
54	54.7	43.5	65.3





#25

Isophorone

Concen: 43.10 ng

RT: 7.30 min Scan# 452

Delta R.T. -0.26 min

Lab File: BF082538.D

Acq: 27 Oct 2015 8:28

Instrument :

BNA_F

ClientSampleId :

AB-AC-02(0-2)

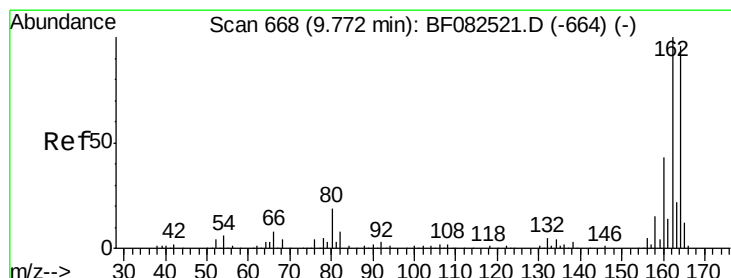
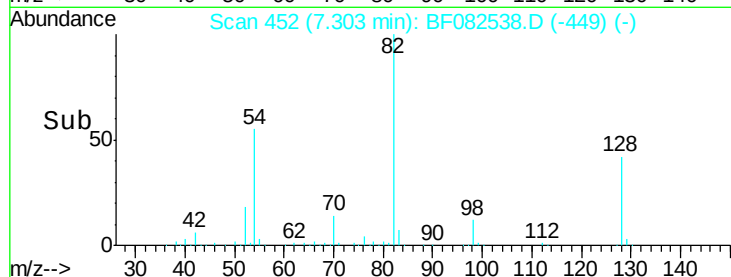
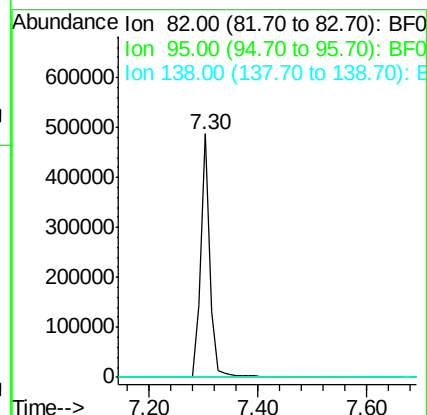
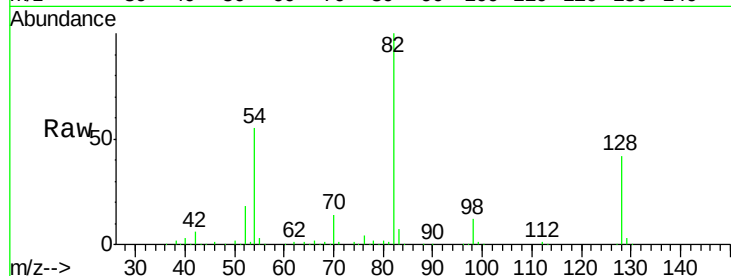
Tot Ion: 82 Resp: 560041

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 15.0 22.4#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF082538.D

Acq: 27 Oct 2015 8:28

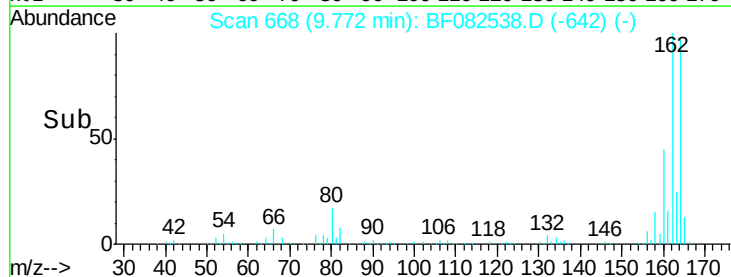
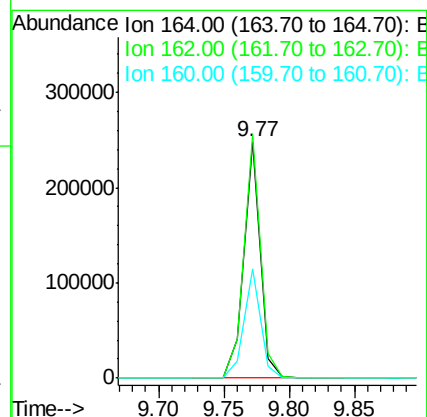
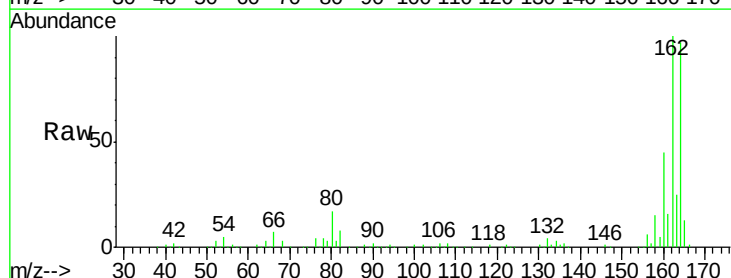
Tgt Ion: 164 Resp: 213939

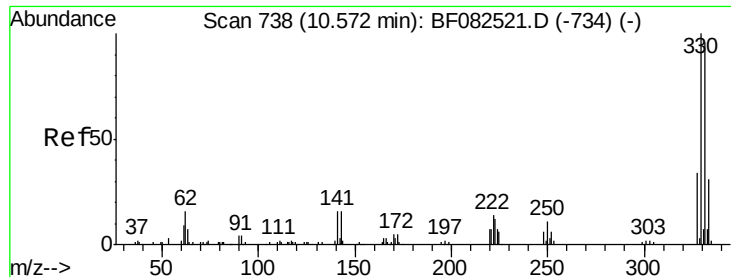
Ion Ratio Lower Upper

164 100

162 103.0 83.6 125.4

160 46.1 36.0 54.0

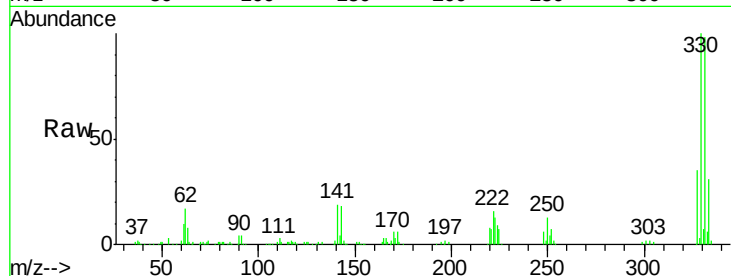




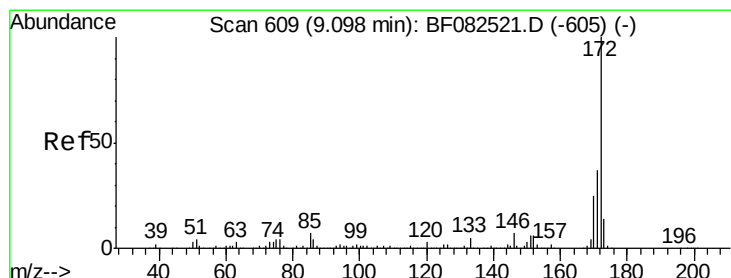
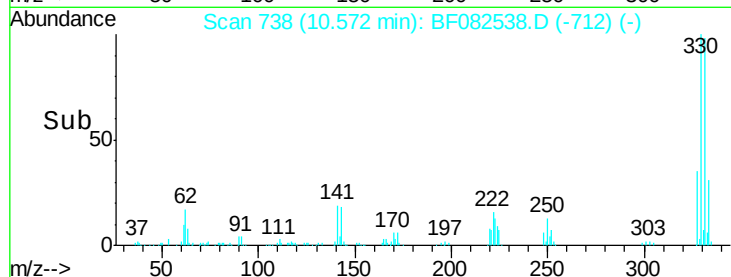
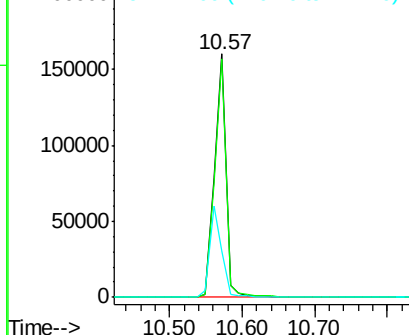
#41
 2,4,6-Tribromophenol
 Concen: 110.89 ng
 RT: 10.57 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF082538.D
 Acq: 27 Oct 2015 8:28

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

Tot Ion:330 Resp: 177649
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.0
 141 38.8 32.5 48.7

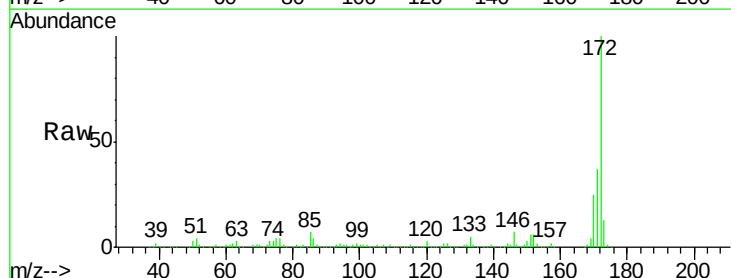


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

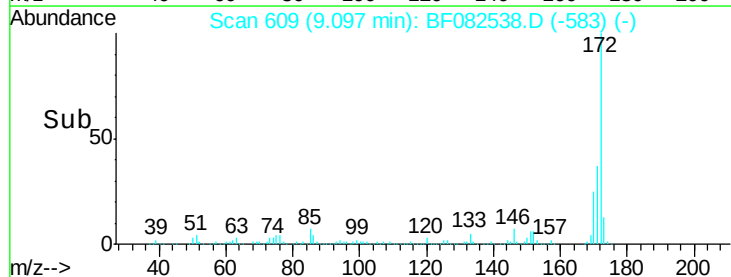
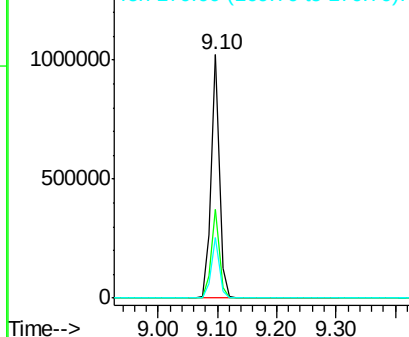


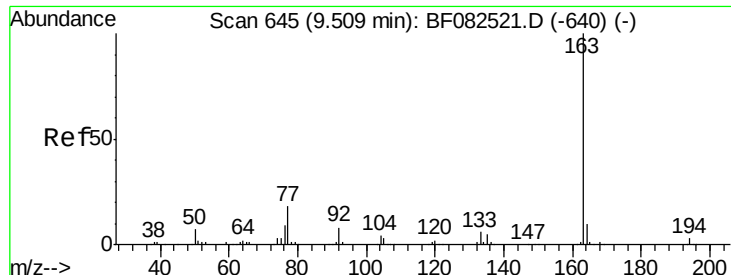
#44
 2-Fluorobiphenyl
 Concen: 73.79 ng
 RT: 9.10 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF082538.D
 Acq: 27 Oct 2015 8:28

Tgt Ion:172 Resp: 992710
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.3 43.9
 170 24.9 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: 17.48 ng

RT: 9.50 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF082538.D

Acq: 27 Oct 2015 8:28

Instrument :

BNA_F

ClientSampleId :

AB-AC-02(0-2)

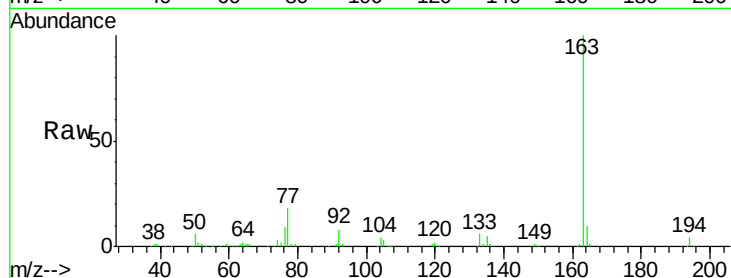
Tot Ion:163 Resp: 260183

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

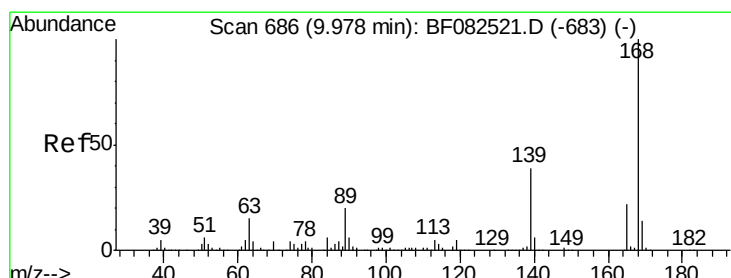
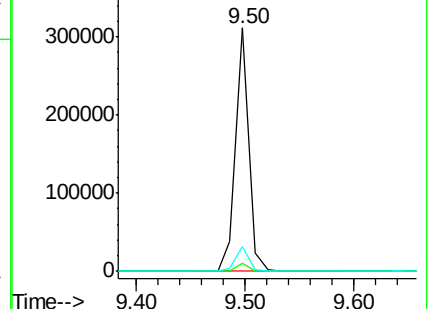
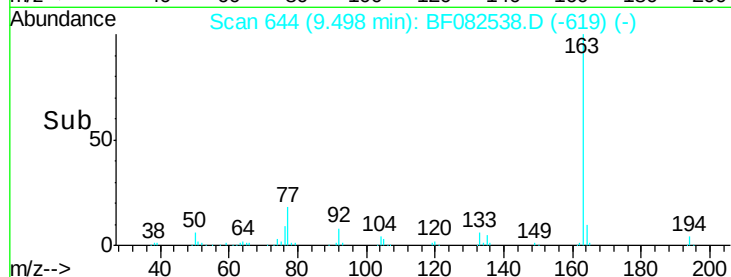
164 10.0 8.2 12.4



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: 6.98 ng

RT: 9.77 min Scan# 668

Delta R.T. -0.21 min

Lab File: BF082538.D

Acq: 27 Oct 2015 8:28

Tgt Ion:165 Resp: 27645

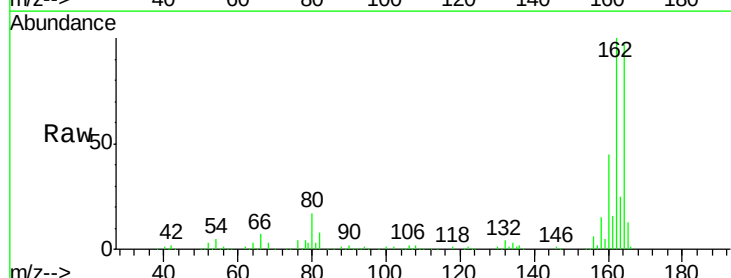
Ion Ratio Lower Upper

165 100

63 1.2 58.6 88.0#

89 1.4 72.3 108.5#

182 0.0 1.8 2.8#

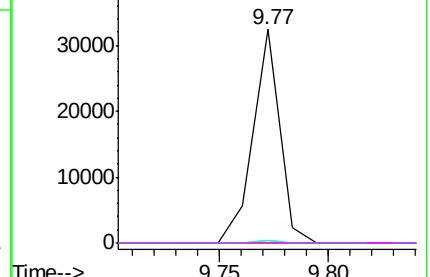
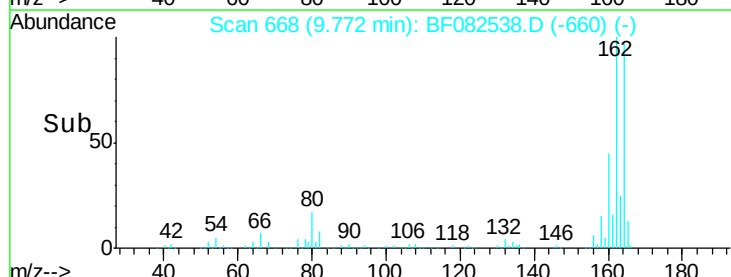


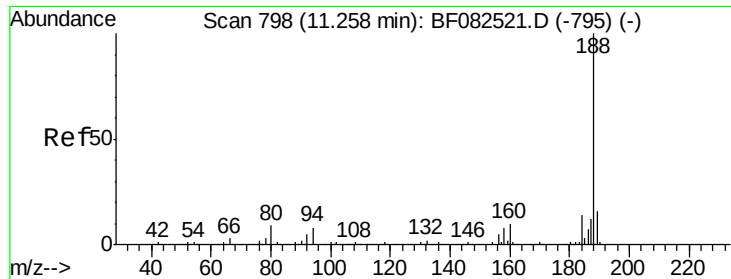
Abundance Ion 165.00 (164.70 to 165.70): E

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

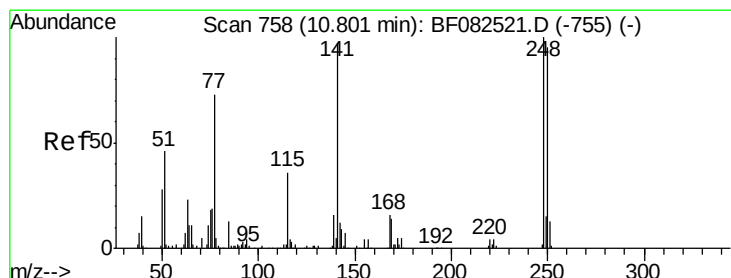
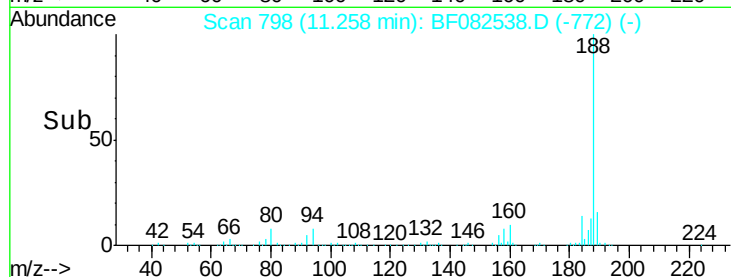
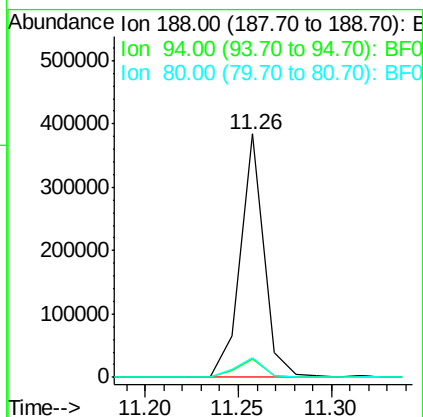
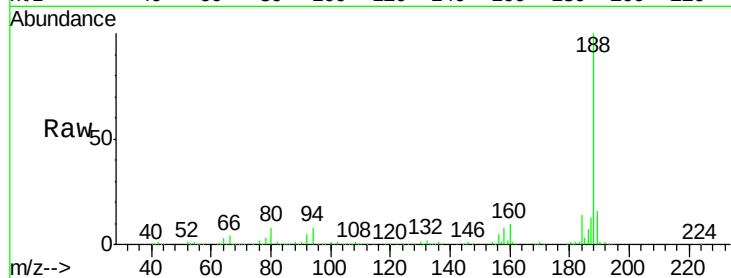




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF082538.D
Acq: 27 Oct 2015 8:28

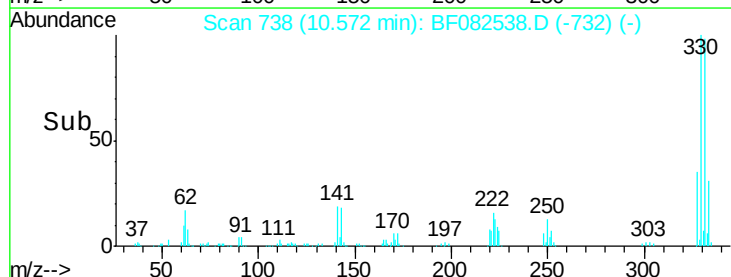
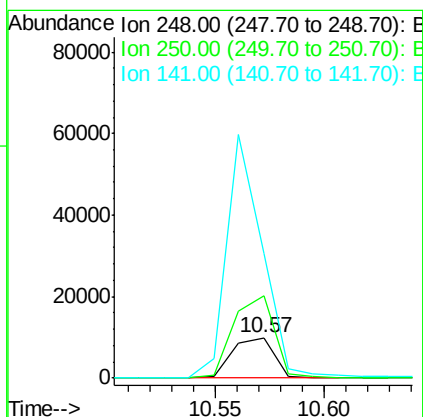
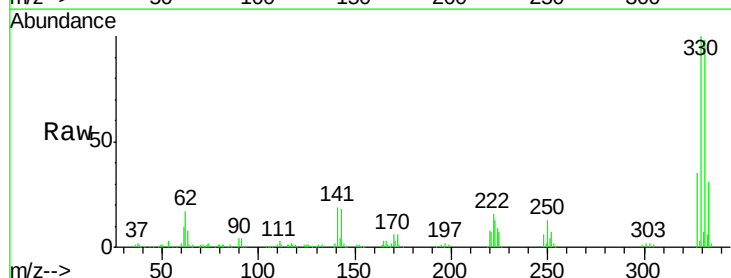
Instrument :
BNA_F
ClientSampleId :
AB-AC-02(0-2)

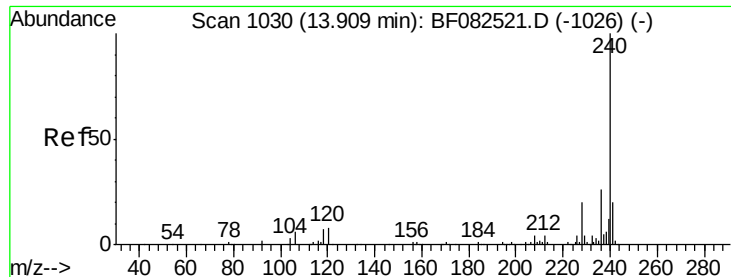
Tot Ion:188 Resp: 340970
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 8.2 7.0 10.6



#66
4-Bromophenyl-phenylether
Concen: 4.13 ng
RT: 10.57 min Scan# 738
Delta R.T. -0.23 min
Lab File: BF082538.D
Acq: 27 Oct 2015 8:28

Tgt Ion:248 Resp: 13228
Ion Ratio Lower Upper
248 100
250 202.5 76.0 114.0#
141 309.2 77.5 116.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF082538.D

Acq: 27 Oct 2015 8:28

Instrument :

BNA_F

ClientSampleId :

AB-AC-02(0-2)

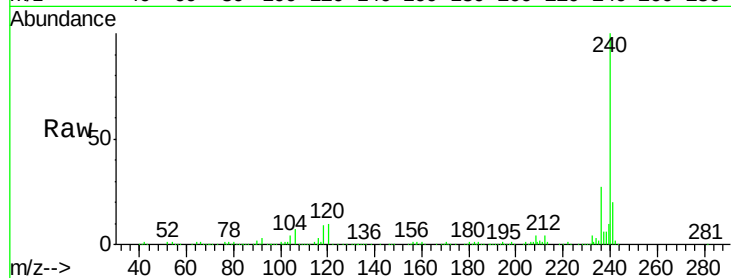
Tot Ion:240 Resp: 295883

Ion Ratio Lower Upper

240 100

120 10.2 6.5 9.7#

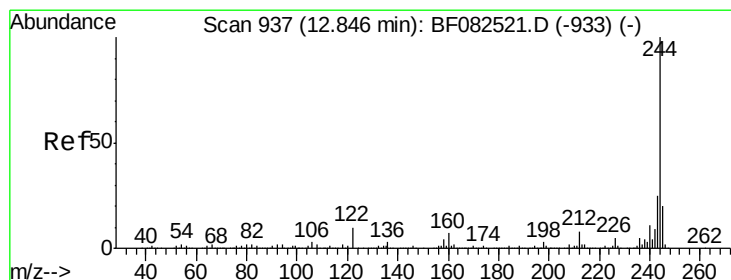
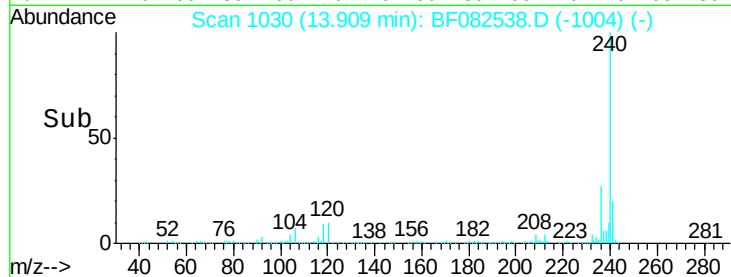
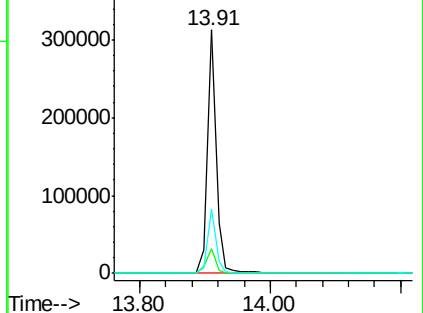
236 26.6 20.5 30.7



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: 64.13 ng

RT: 12.85 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF082538.D

Acq: 27 Oct 2015 8:28

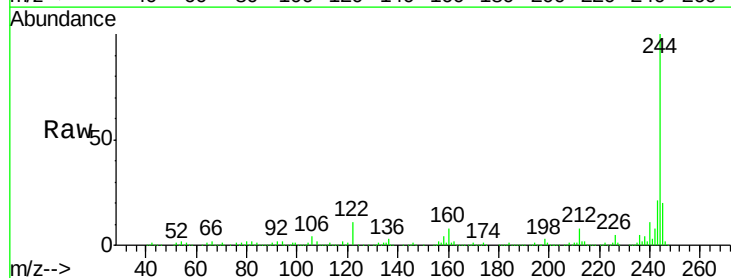
Tgt Ion:244 Resp: 658670

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

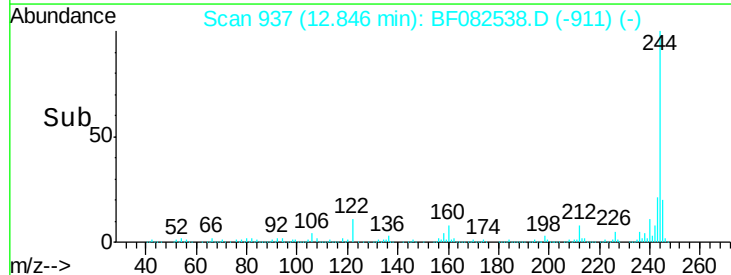
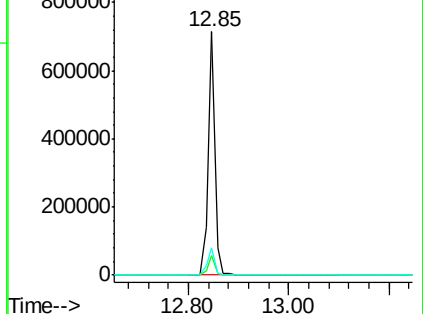
122 11.4 8.1 12.1

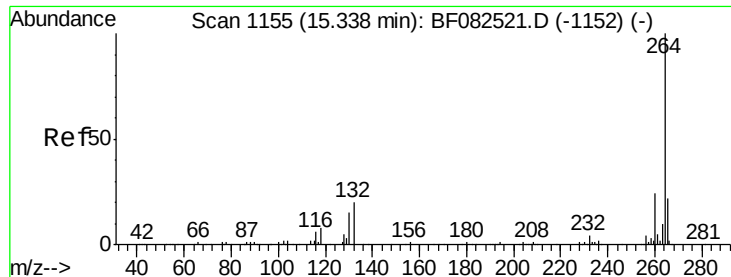


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

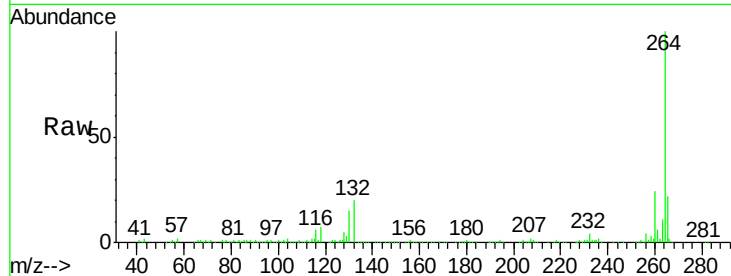




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1157
 Delta R.T. 0.02 min
 Lab File: BF082538.D
 Acq: 27 Oct 2015 8:28

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

Tot Ion:264 Resp: 257214
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.9 17.8 26.6



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

