

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
 Data File : BF082414.D
 Acq On : 21 Oct 2015 19:59
 Operator : UM/IZ
 Sample : G4101-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2

Quant Time: Oct 22 10:26:33 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

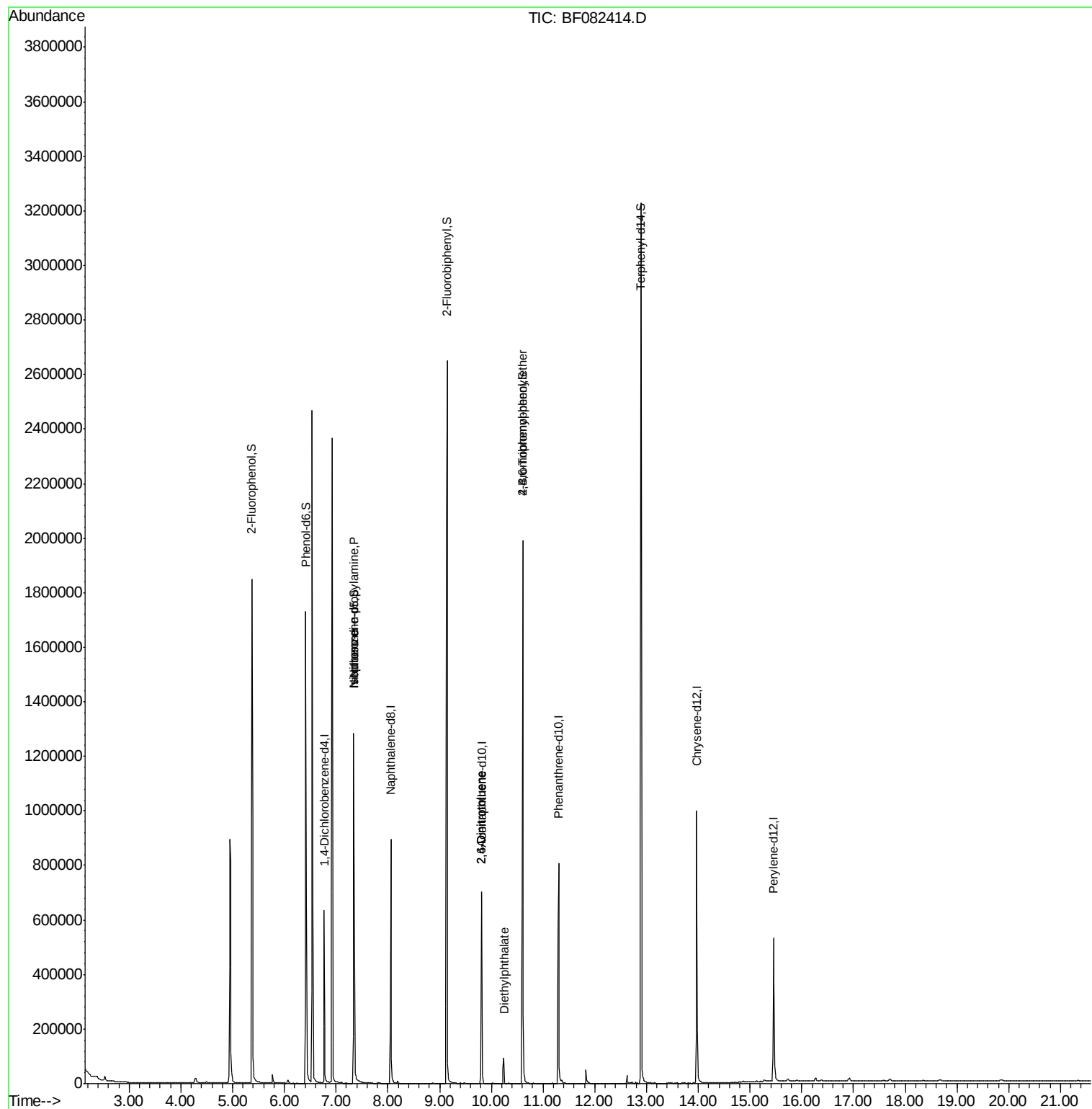
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	112420	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	442472	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	217571	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	452368	20.00	ng	0.00
75) Chrysene-d12	13.97	240	398624	20.00	ng	-0.05
86) Perylene-d12	15.45	264	292283	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	635998	114.18	ng	0.01
7) Phenol-d6	6.41	99	737872	101.79	ng	-0.01
23) Nitrobenzene-d5	7.34	82	554604	84.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	224429	109.99	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1279959	97.56	ng	0.00
78) Terphenyl-d14	12.89	244	1164269	77.40	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	70492	13.85	ng	# 80
25) Isophorone	7.34	82	497459	37.41	ng	# 66
50) 2,6-Dinitrotoluene	9.81	165	26091	8.07	ng	# 31
56) 2,4-Dinitrotoluene	9.81	165	26091	6.46	ng	# 22
59) Diethylphthalate	10.24	149	48672	3.41	ng	98
66) 4-Bromophenyl-phenylether	10.61	248	17544	3.88	ng	# 1

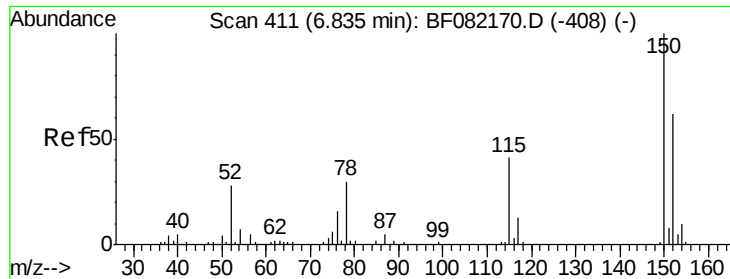
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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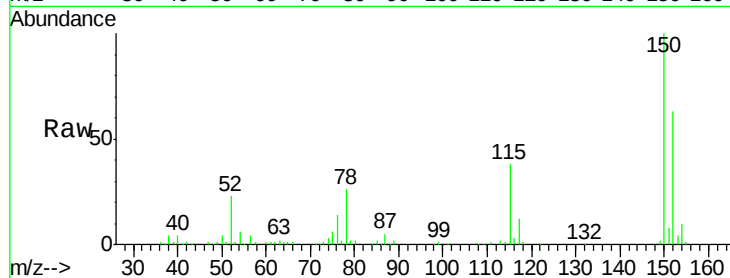


#1

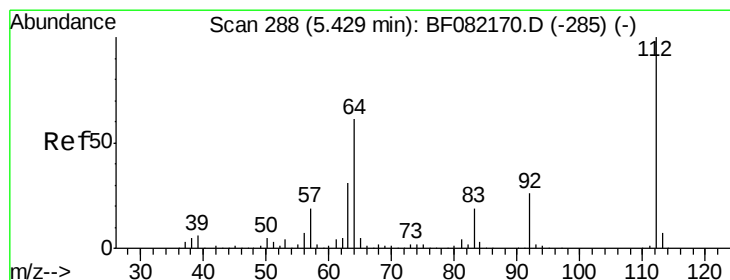
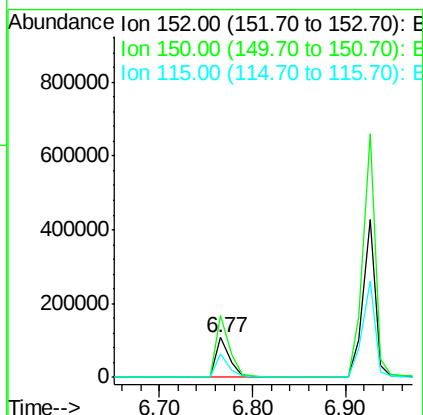
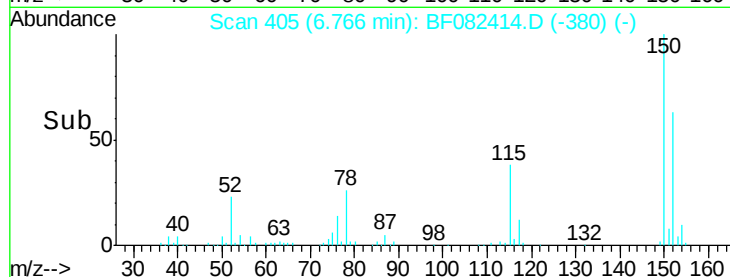
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082414.D
Acq: 21 Oct 2015 19:59

Instrument :
BNA_F
ClientSampleId :
S2

Tot Ion:152 Resp: 112420
Ion Ratio Lower Upper
152 100
150 158.0 129.0 193.4
115 60.4 52.1 78.1



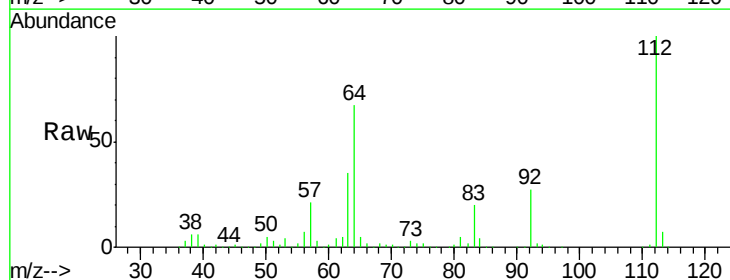
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



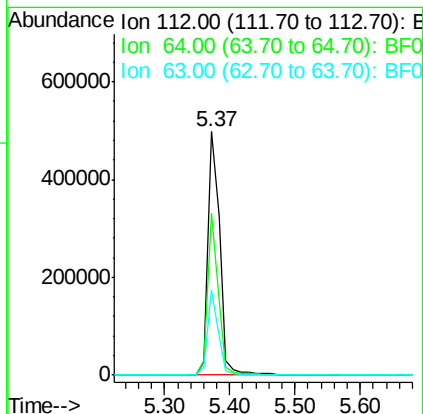
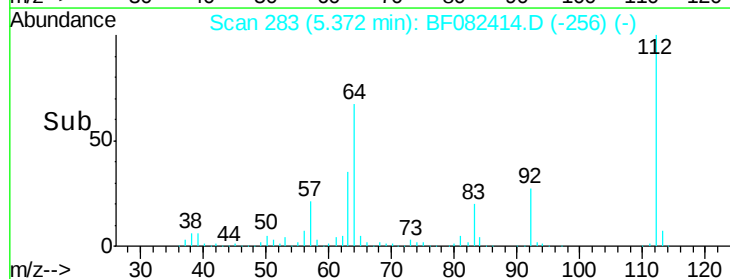
#5

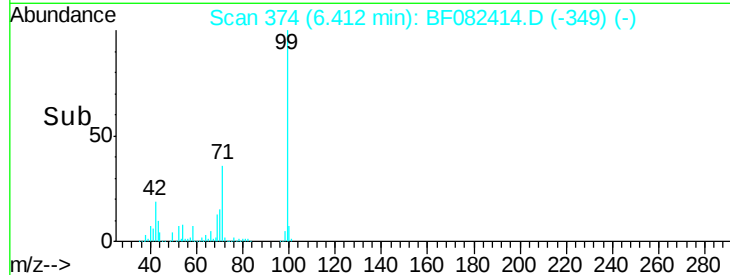
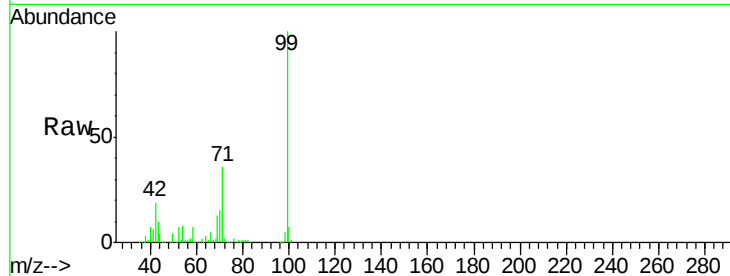
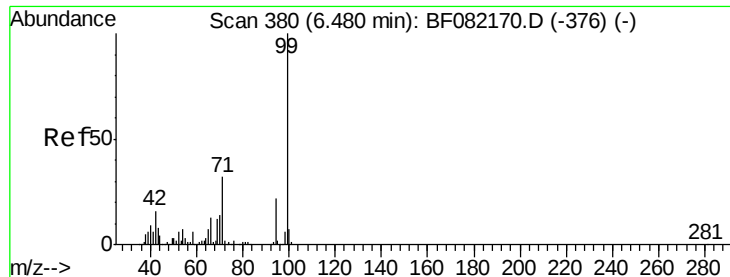
2-Fluorophenol
Concen: 114.18 ng
RT: 5.37 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF082414.D
Acq: 21 Oct 2015 19:59

Tgt Ion:112 Resp: 635998
Ion Ratio Lower Upper
112 100
64 66.5 48.6 73.0
63 35.1 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: 101.79 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082414.D

Acq: 21 Oct 2015 19:59

Instrument :

BNA_F

ClientSampleId :

S2

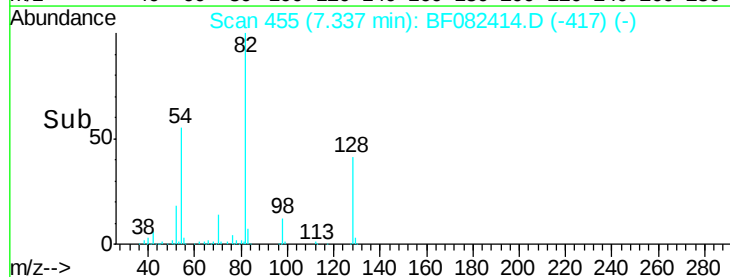
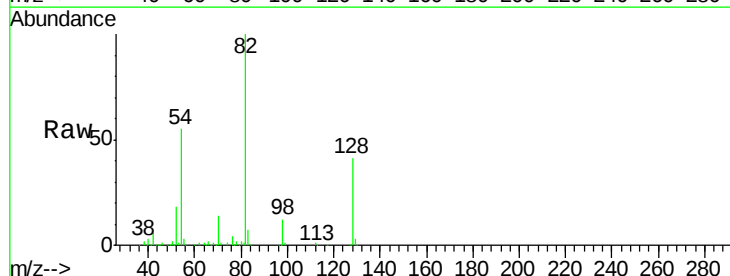
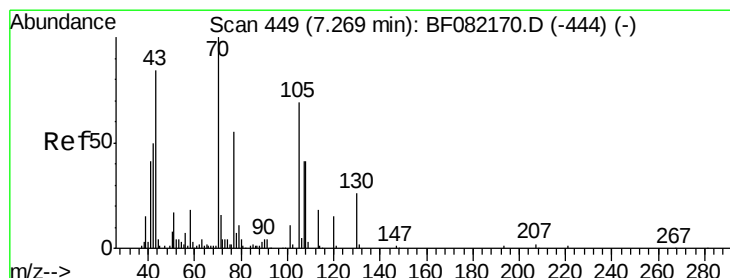
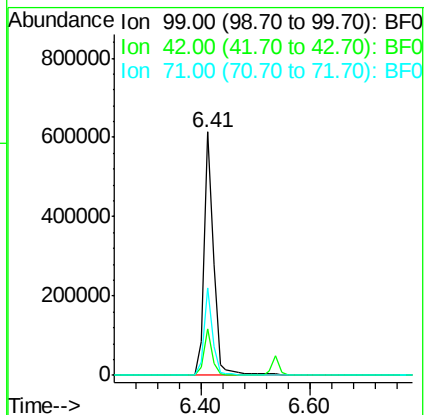
Tot Ion: 99 Resp: 737872

Ion Ratio Lower Upper

99 100

42 19.0 13.2 19.8

71 35.7 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 13.85 ng

RT: 7.34 min Scan# 455

Delta R.T. 0.14 min

Lab File: BF082414.D

Acq: 21 Oct 2015 19:59

Tgt Ion: 70 Resp: 70492

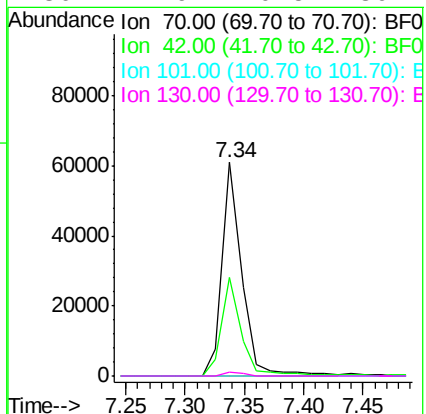
Ion Ratio Lower Upper

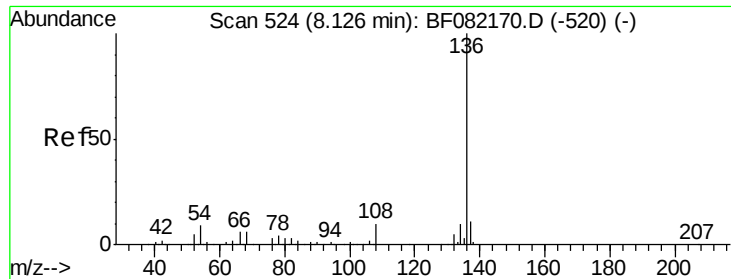
70 100

42 46.4 39.8 59.8

101 0.0 8.6 13.0#

130 1.9 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: BF082414.D

Acq: 21 Oct 2015 19:59

Instrument :

BNA_F

ClientSampleId :

S2

Tot Ion:136 Resp: 442472

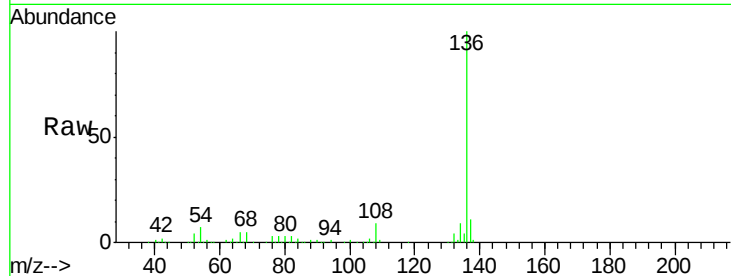
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 7.3 7.5 11.3#

68 4.8 4.6 7.0

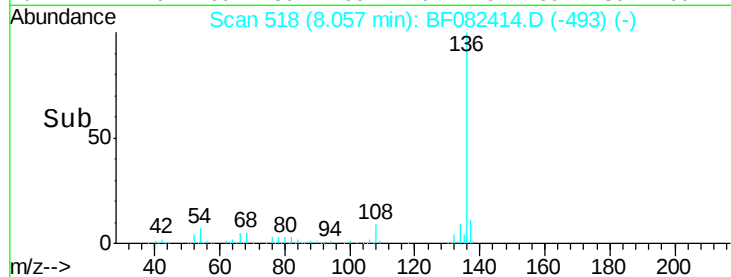


Abundance Ion 136.00 (135.70 to 136.70): E

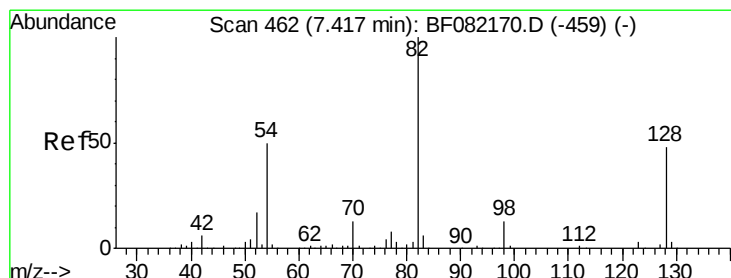
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 84.17 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF082414.D

Acq: 21 Oct 2015 19:59

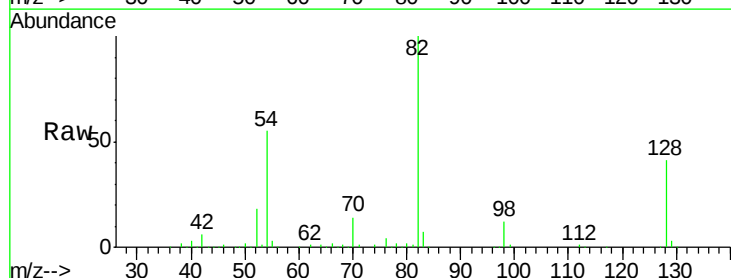
Tgt Ion: 82 Resp: 554604

Ion Ratio Lower Upper

82 100

128 40.8 38.7 58.1

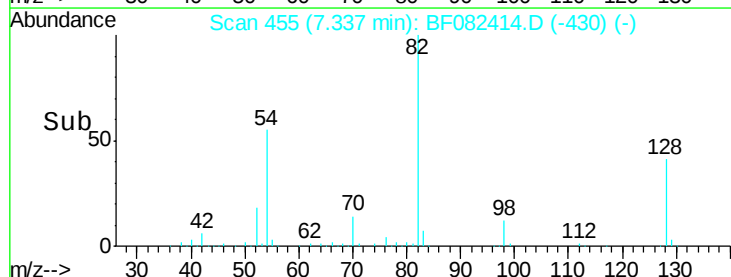
54 55.0 40.1 60.1



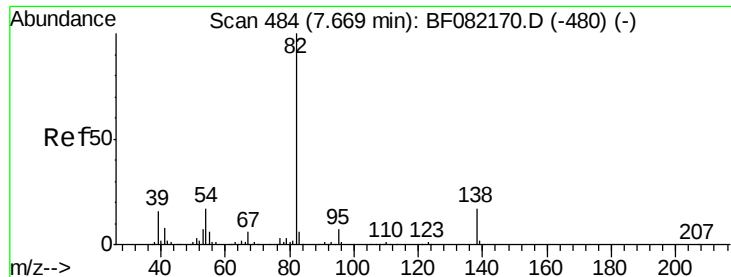
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#25

Isophorone

Concen: 37.41 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.27 min

Lab File: BF082414.D

Acq: 21 Oct 2015 19:59

Instrument :

BNA_F

ClientSampleId :

S2

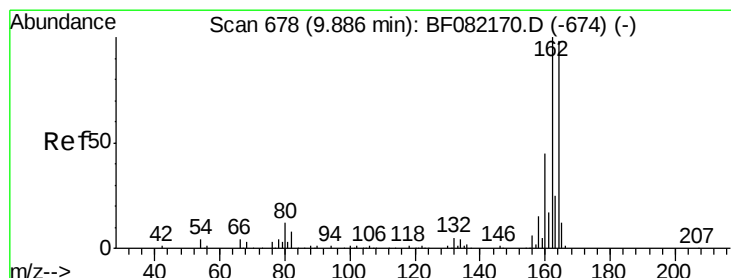
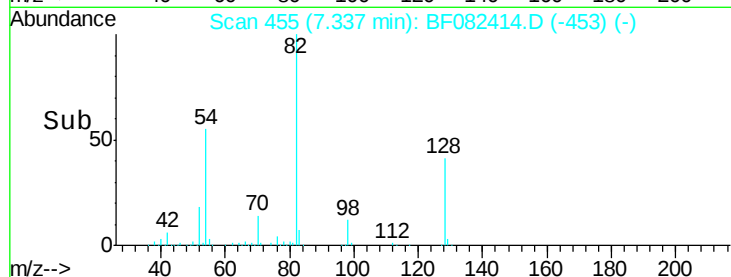
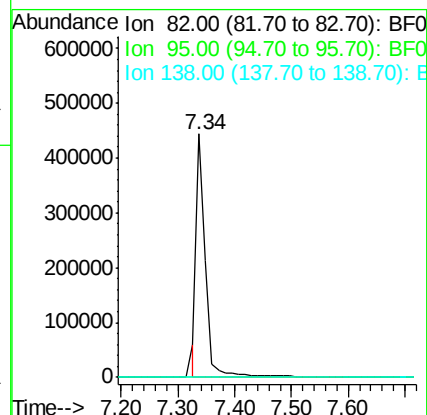
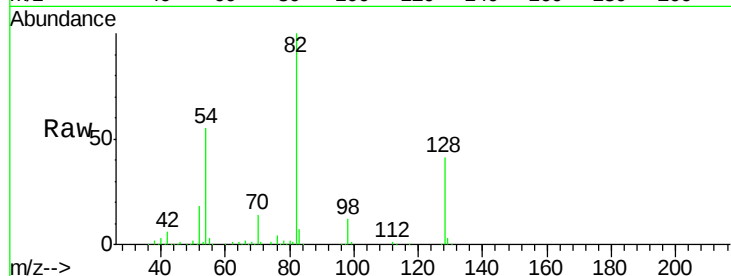
Tot Ion: 82 Resp: 497459

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: BF082414.D

Acq: 21 Oct 2015 19:59

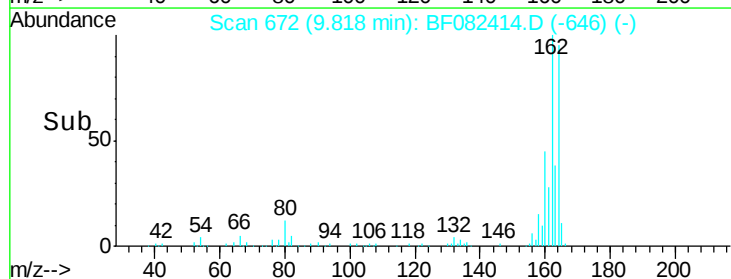
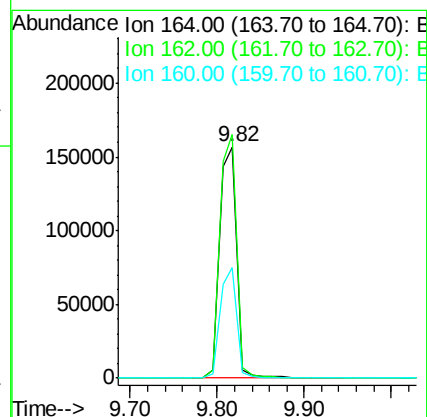
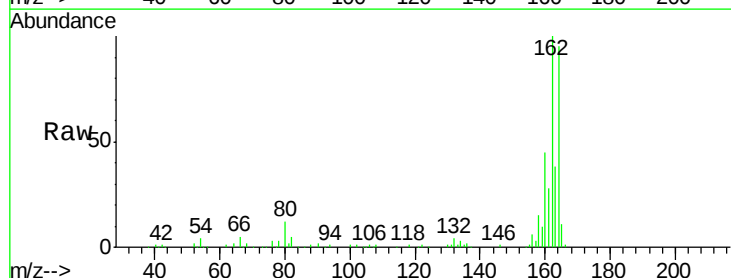
Tgt Ion: 164 Resp: 217571

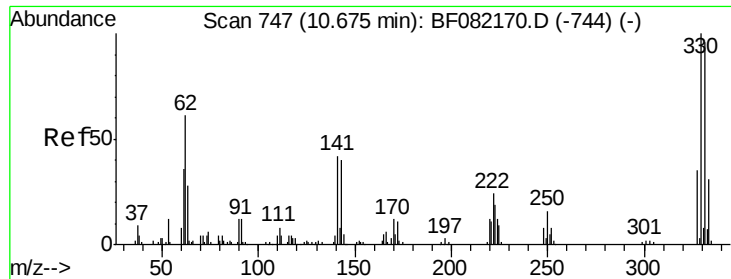
Ion Ratio Lower Upper

164 100

162 105.4 81.6 122.4

160 47.6 36.4 54.6

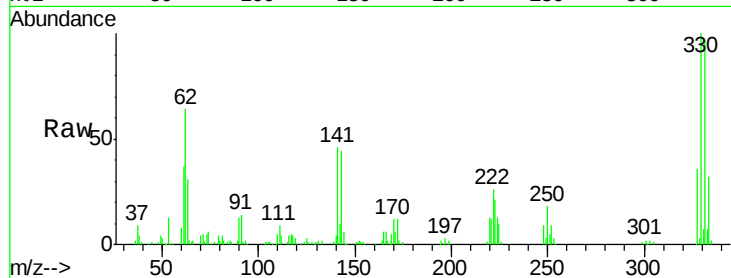




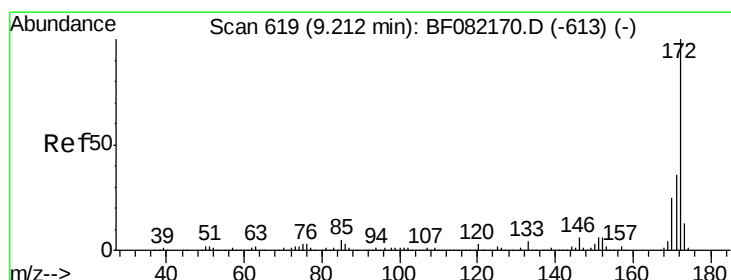
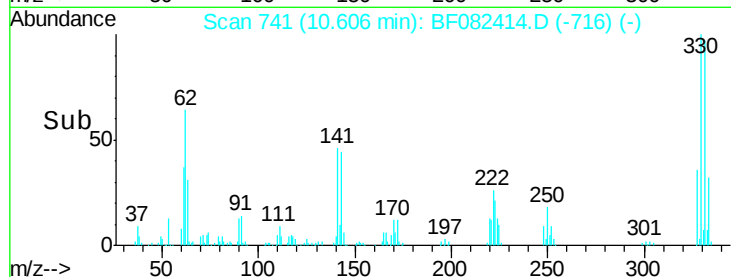
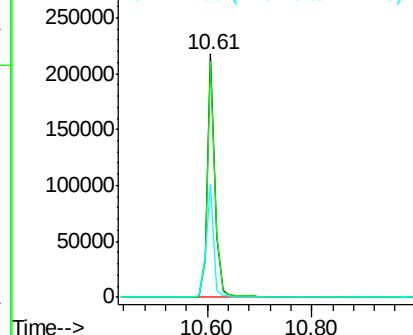
#41
 2,4,6-Tribromophenol
 Concen: 109.99 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF082414.D
 Acq: 21 Oct 2015 19:59

Instrument :
 BNA_F
 ClientSampleId :
 S2

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.1	115.7
141	46.2	29.8	44.8#

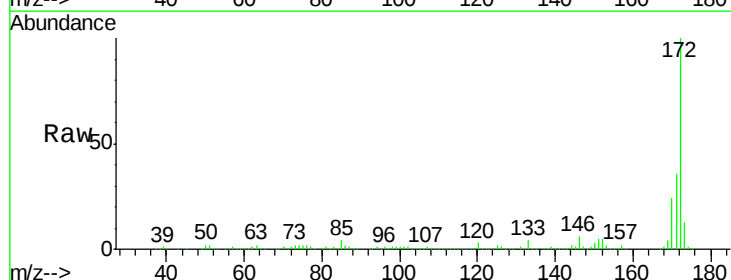


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

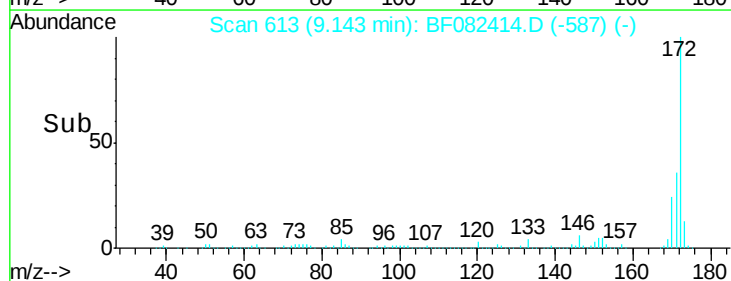
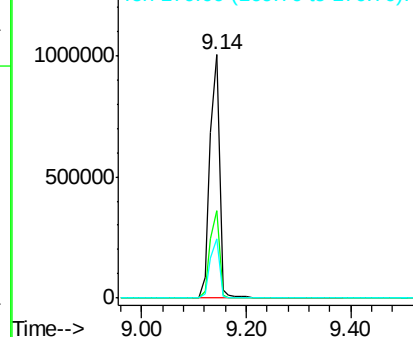


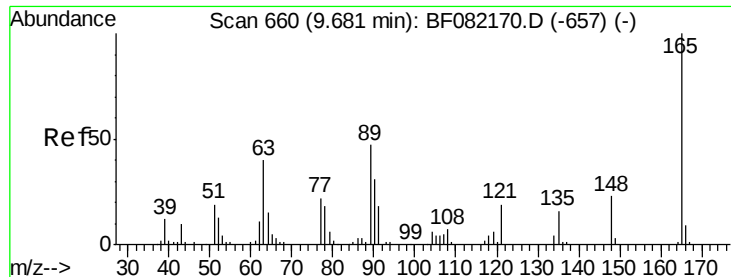
#44
 2-Fluorobiphenyl
 Concen: 97.56 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082414.D
 Acq: 21 Oct 2015 19:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	42.8
170	24.3	19.7	29.5



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

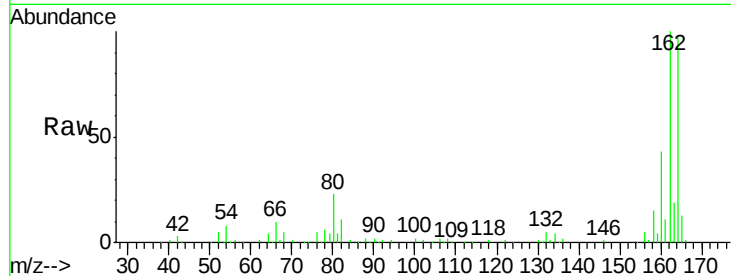




#50
 2,6-Dinitrotoluene
 Concen: 8.07 ng
 RT: 9.81 min Scan# 671
 Delta R.T. 0.18 min
 Lab File: BF082414.D
 Acq: 21 Oct 2015 19:59

Instrument :
 BNA_F
 ClientSampleId :
 S2

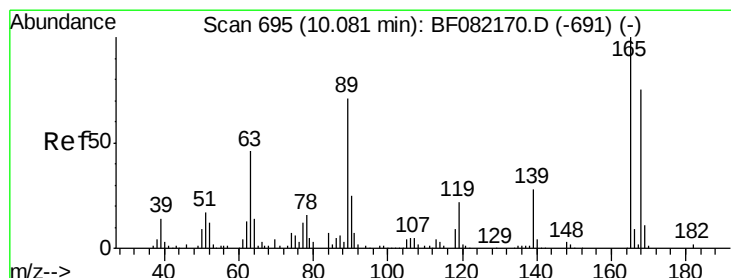
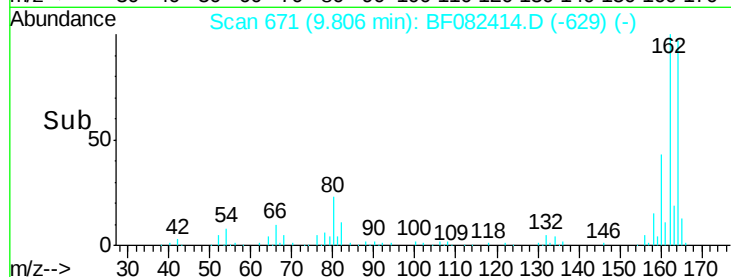
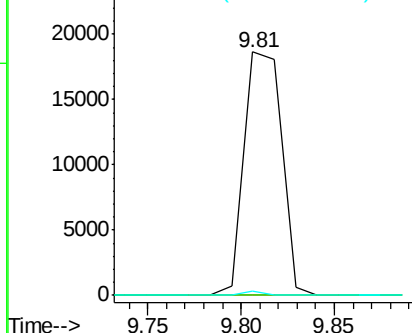
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	1.7	37.8	56.6#



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



#56
 2,4-Dinitrotoluene
 Concen: 6.46 ng
 RT: 9.81 min Scan# 671
 Delta R.T. -0.22 min
 Lab File: BF082414.D
 Acq: 21 Oct 2015 19:59

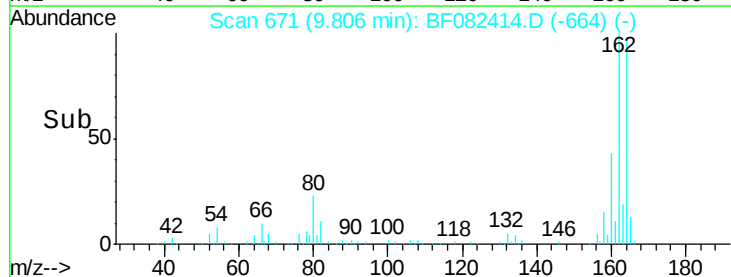
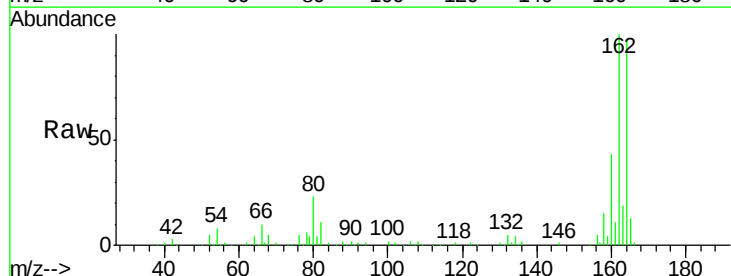
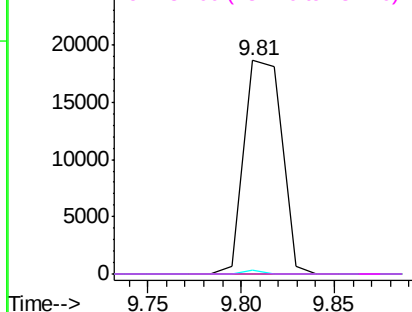
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.6	58.0#
89	1.7	57.0	85.6#
182	0.0	1.8	2.6#

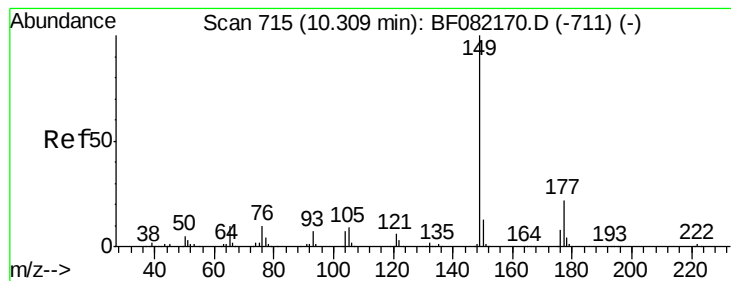
Abundance Ion 165.00 (164.70 to 165.70): E

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





#59

Diethylphthalate

Concen: 3.41 ng

RT: 10.24 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF082414.D

Acq: 21 Oct 2015 19:59

Instrument :

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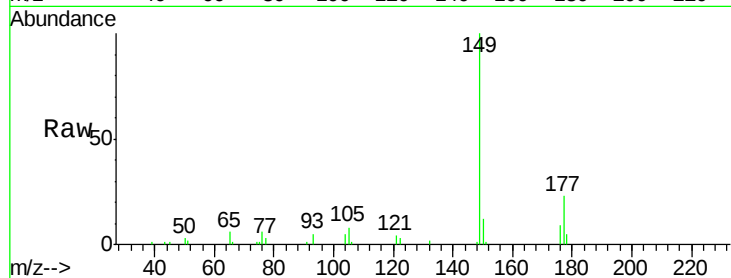
Tot Ion:149 Resp: 48672

Ion Ratio Lower Upper

149 100

177 23.3 17.6 26.4

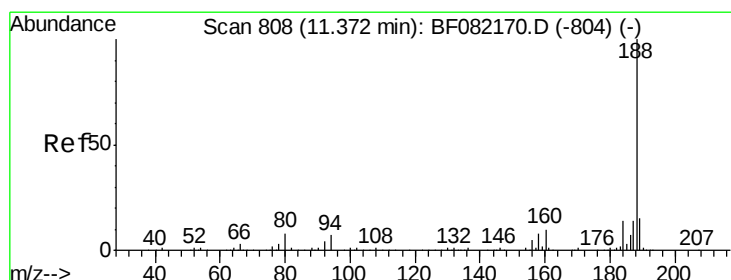
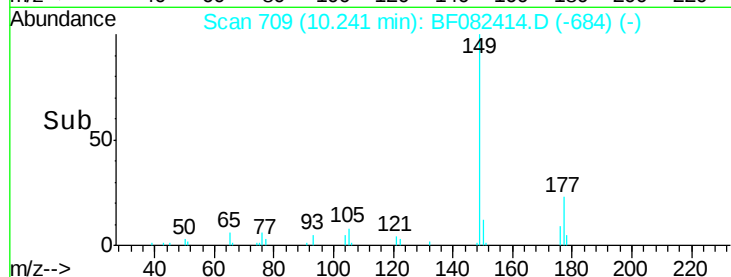
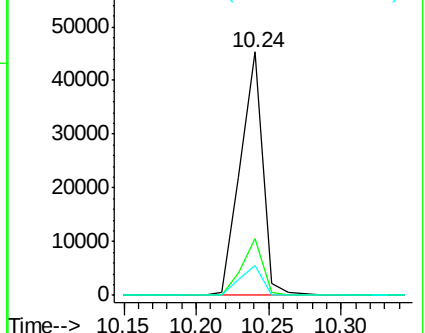
150 12.3 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF082414.D

Acq: 21 Oct 2015 19:59

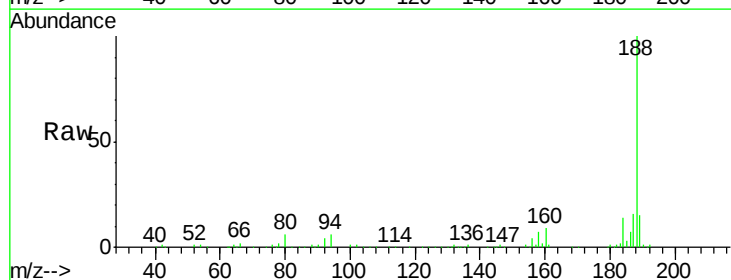
Tgt Ion:188 Resp: 452368

Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.6

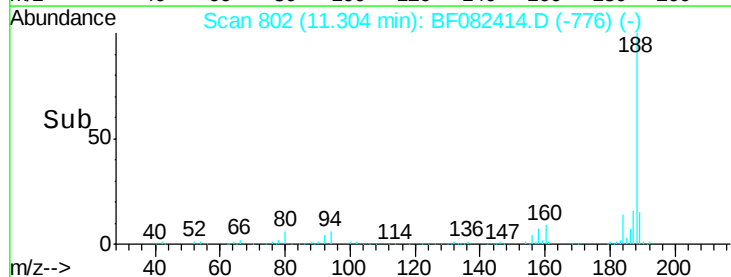
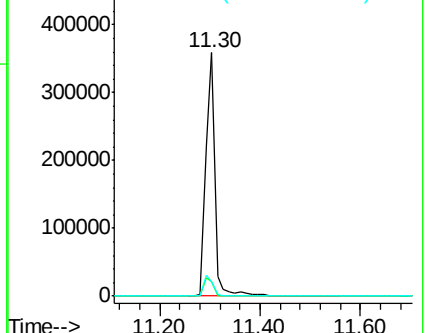
80 6.0 6.4 9.6#

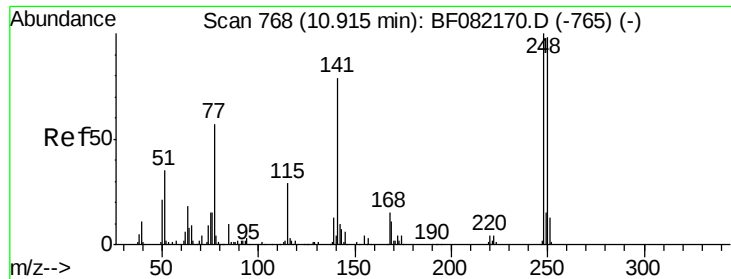


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

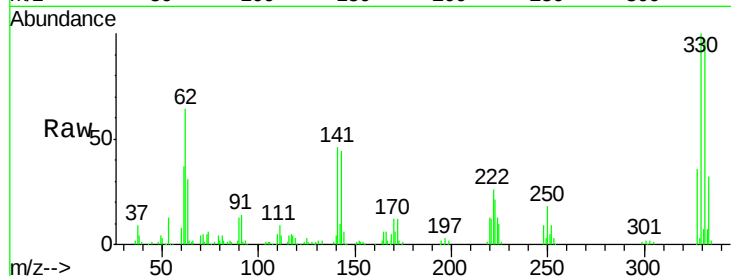




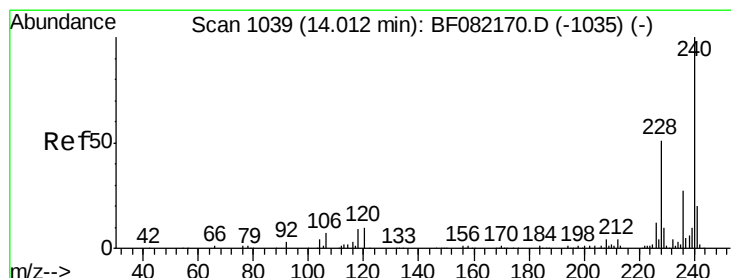
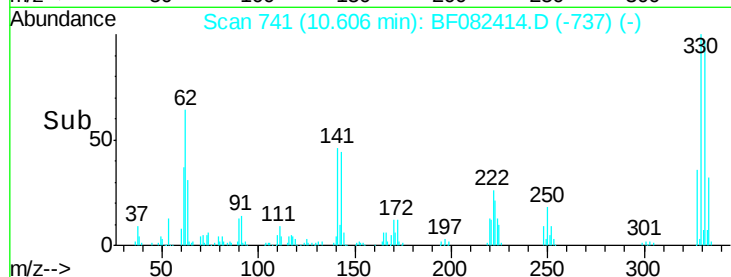
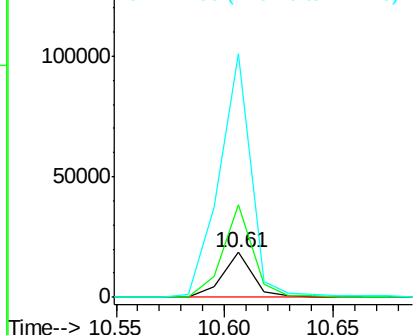
#66
4-Bromophenyl-phenylether
Concen: 3.88 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.25 min
Lab File: BF082414.D
Acq: 21 Oct 2015 19:59

Instrument :
BNA_F
ClientSampled :
S2

Tot Ion:248 Resp: 17544
Ion Ratio Lower Upper
248 100
250 205.2 78.6 117.8#
141 542.4 63.3 94.9#

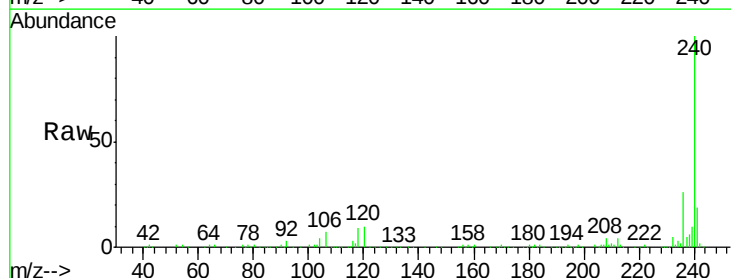


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

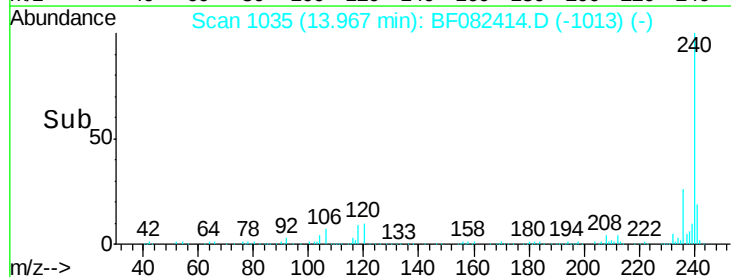
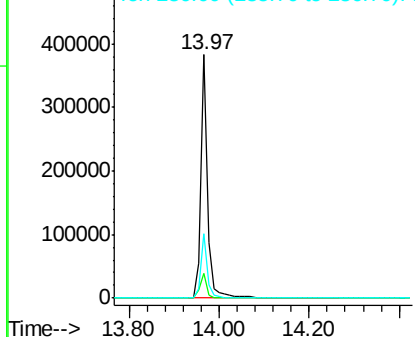


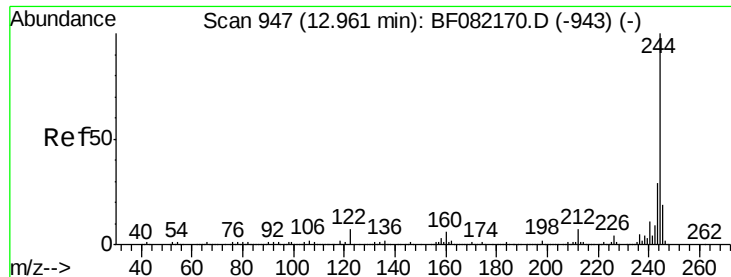
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1035
Delta R.T. -0.05 min
Lab File: BF082414.D
Acq: 21 Oct 2015 19:59

Tgt Ion:240 Resp: 398624
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 26.2 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

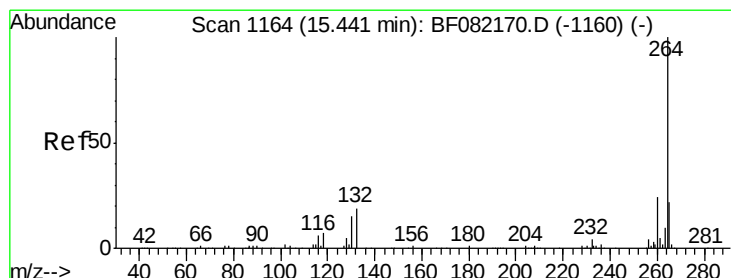
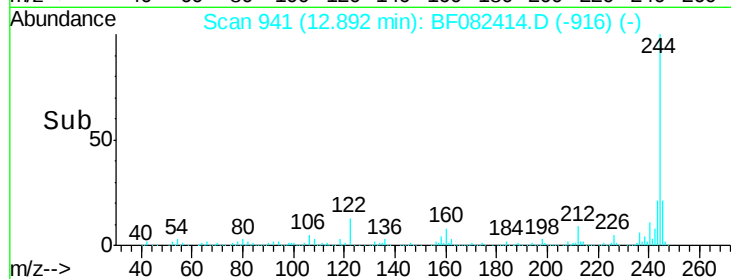
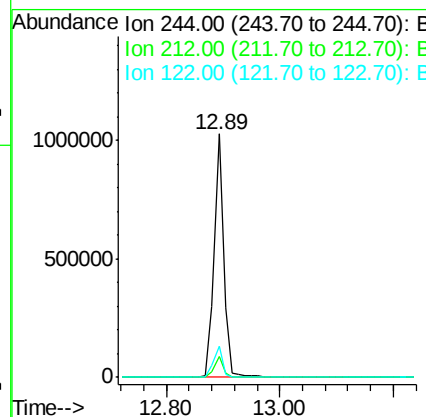
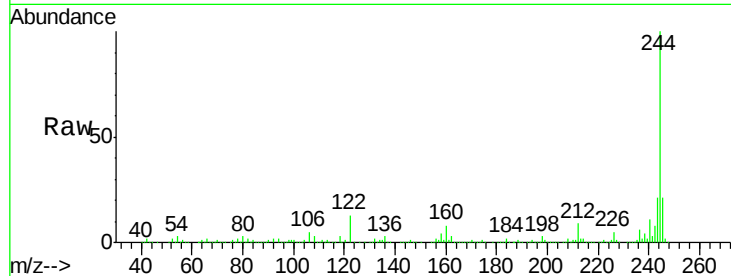




#78
 Terphenyl-d14
 Concen: 77.40 ng
 RT: 12.89 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF082414.D
 Acq: 21 Oct 2015 19:59

Instrument :
 BNA_F
 ClientSampled :
 S2

Tot Ion:244 Resp: 1164269
 Ion Ratio Lower Upper
 244 100
 212 8.7 5.8 8.6#
 122 13.0 5.9 8.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1165
 Delta R.T. -0.08 min
 Lab File: BF082414.D
 Acq: 21 Oct 2015 19:59

Tgt Ion:264 Resp: 292283
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.9 17.3 25.9

