

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
 Data File : BF080572.D
 Acq On : 23 Jul 2015 00:08
 Operator : TP/UM
 Sample : G3027-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-12.5-13.0

Quant Time: Jul 23 05:48:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 23 05:13:42 2015
 Response via : Initial Calibration

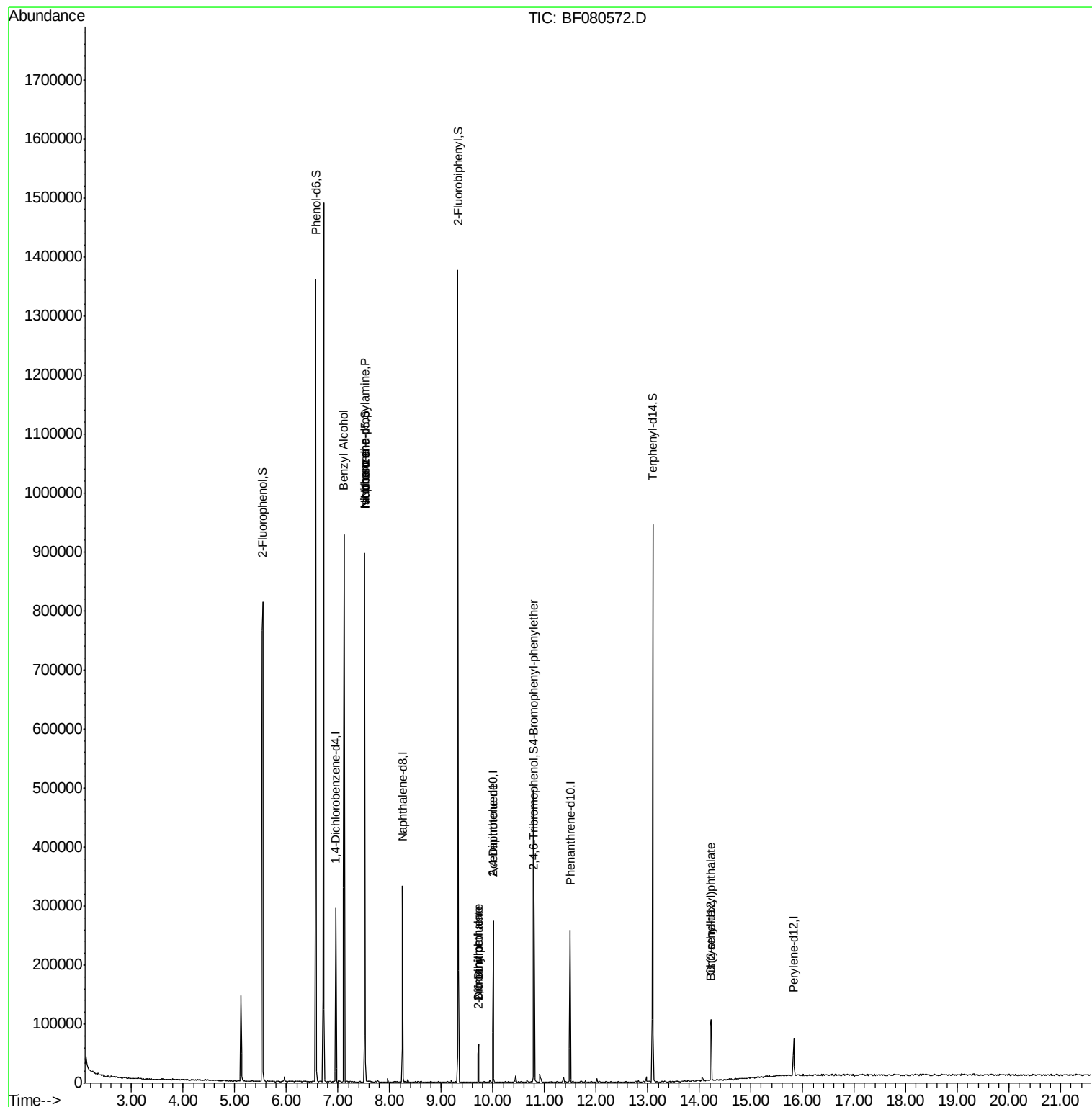
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	34532	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	128440	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	51812	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	90581	20.00	ng	0.00
75) Chrysene-d12	14.23	240	56478	20.00	ng	-0.09
86) Perylene-d12	15.83	264	32747	20.00	ng	-0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	280046	143.82	ng	0.01
7) Phenol-d6	6.57	99	386631	161.22	ng	0.00
23) Nitrobenzene-d5	7.52	82	216260	108.45	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	52923	136.27	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	352040	97.71	ng	0.00
78) Terphenyl-d14	13.09	244	262498	95.31	ng	-0.03
Target Compounds						Qvalue
15) Benzyl Alcohol	7.12	79	4649	2.34	ng	# 58
19) n-Nitroso-di-n-propylamine	7.52	70	31487	20.44	ng	# 76
24) Nitrobenzene	7.52	77	509	4.52	ng	# 20
25) Isophorone	7.52	82	200791	47.68	ng	# 66
47) 2-Nitroaniline	9.71	65	411	3.14	ng	# 1
49) Dimethylphthalate	9.72	163	34202	9.40	ng	# 98
50) 2,6-Dinitrotoluene	9.72	165	279	4.21	ng	# 35
56) 2,4-Dinitrotoluene	10.01	165	6439	16.14	ng	# 10
66) 4-Bromophenyl-phenylether	10.78	248	3753	4.31	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.21	149	211	3.17	ng	# 54

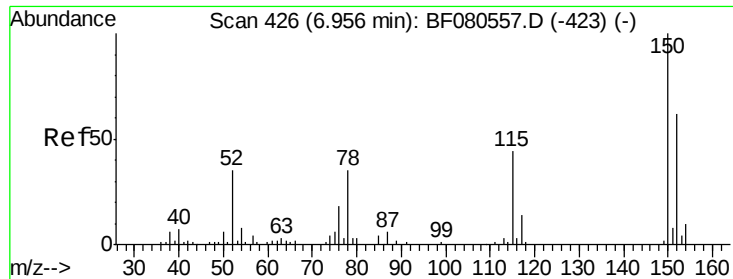
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF080572.D

Acq: 23 Jul 2015 00:08

Instrument :

BNA_F

ClientSampleId :

SB-02-12.5-13.0

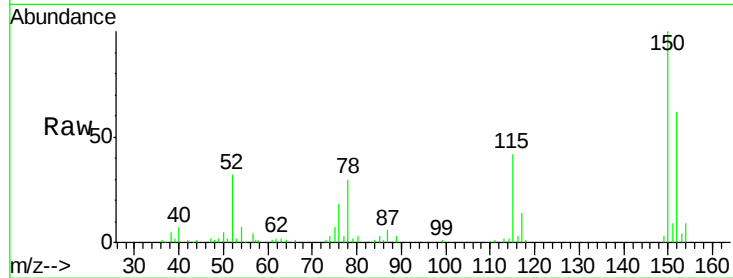
Tgt Ion:152 Resp: 34532

Ion Ratio Lower Upper

152 100

150 162.4 128.7 193.1

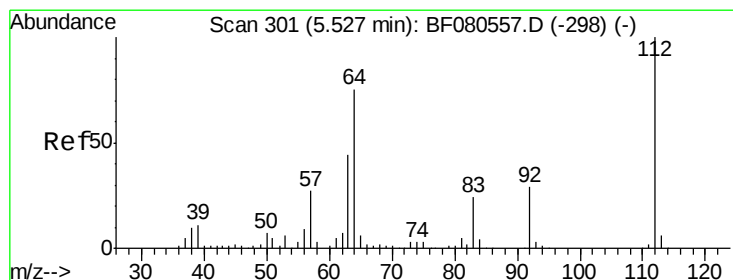
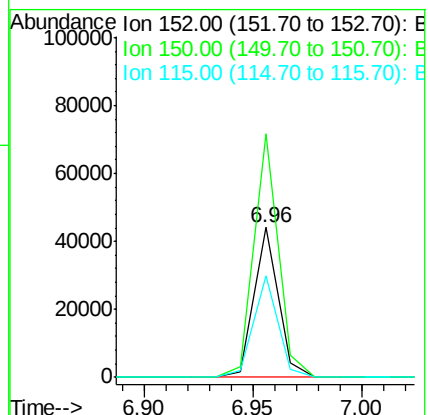
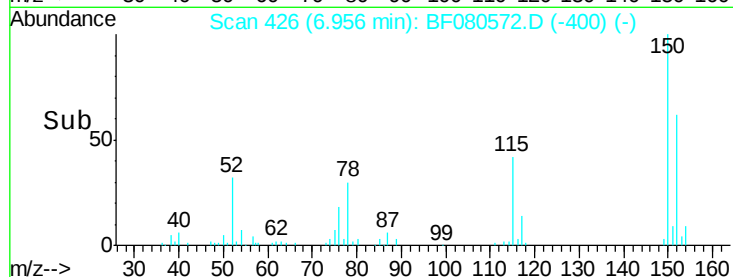
115 67.7 56.8 85.2



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: 143.82 ng

RT: 5.54 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF080572.D

Acq: 23 Jul 2015 00:08

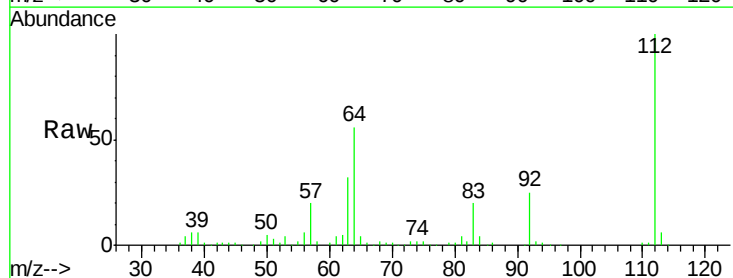
Tgt Ion:112 Resp: 280046

Ion Ratio Lower Upper

112 100

64 56.0 60.2 90.2#

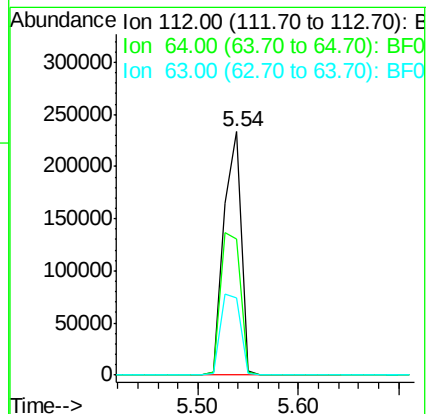
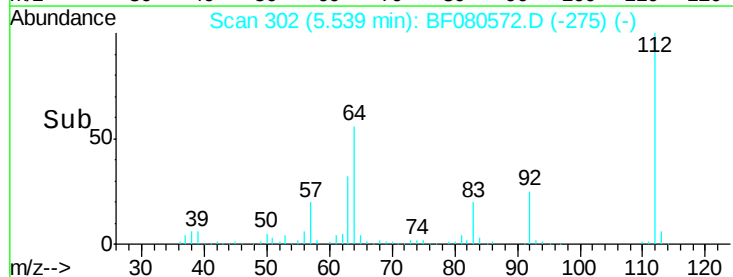
63 31.9 34.8 52.2#

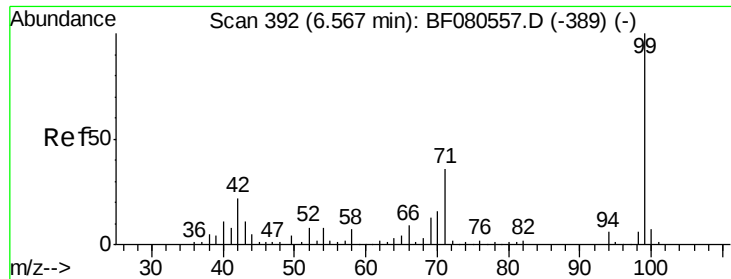


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 161.22 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF080572.D

Acq: 23 Jul 2015 00:08

Instrument :

BNA_F

ClientSampleId :

SB-02-12.5-13.0

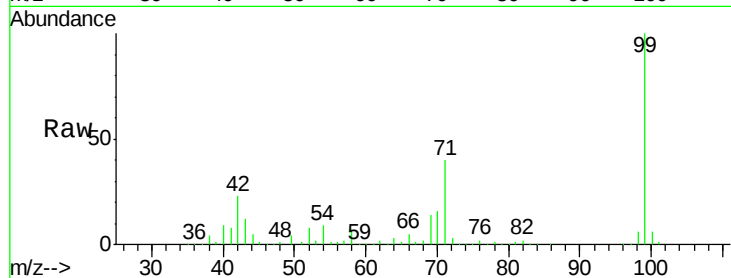
Tgt Ion: 99 Resp: 386631

Ion Ratio Lower Upper

99 100

42 23.2 17.4 26.2

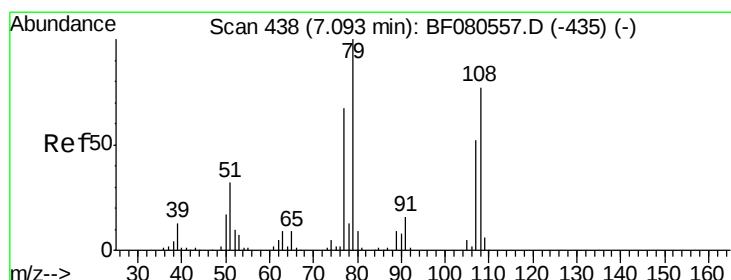
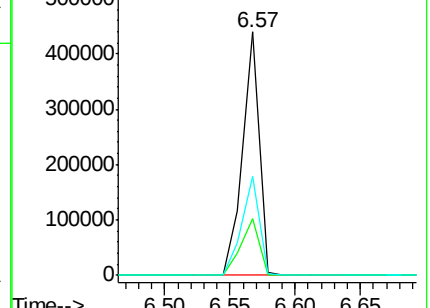
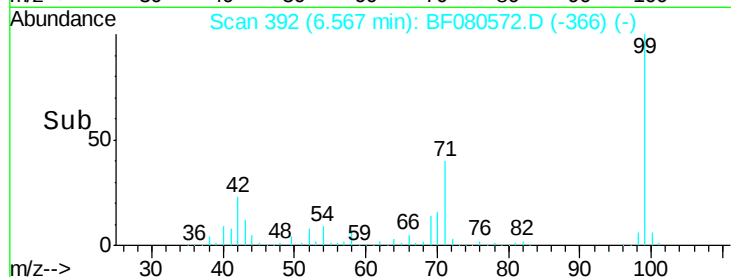
71 40.4 29.0 43.6



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: 2.34 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.02 min

Lab File: BF080572.D

Acq: 23 Jul 2015 00:08

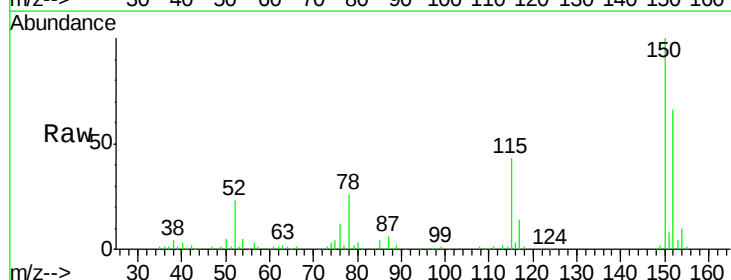
Tgt Ion: 79 Resp: 4649

Ion Ratio Lower Upper

79 100

108 32.5 61.5 92.3#

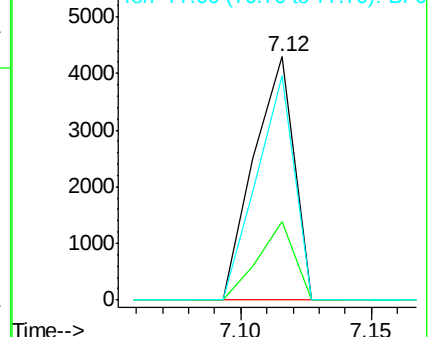
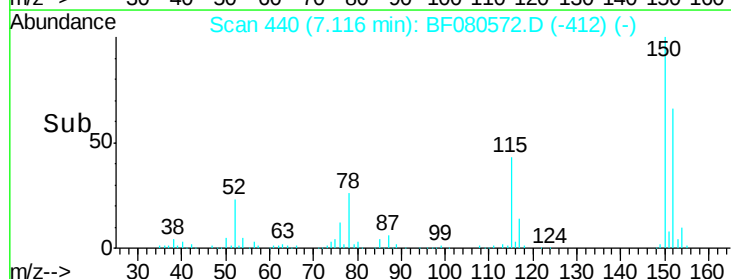
77 92.4 53.6 80.4#

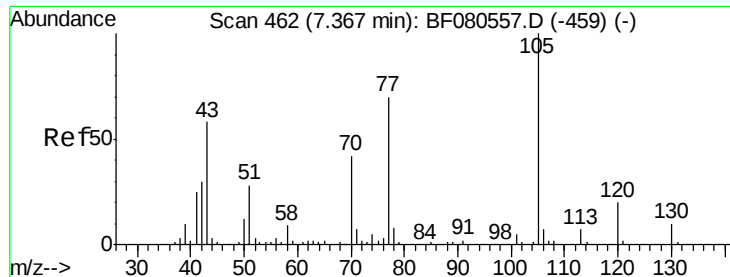


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

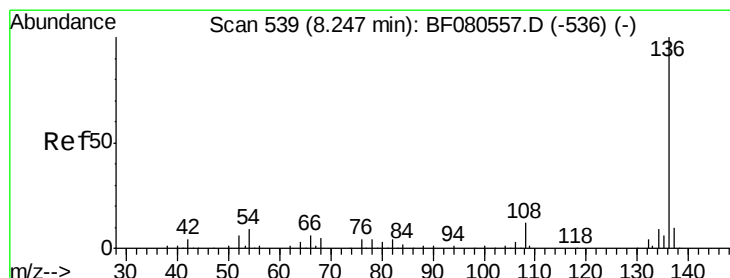
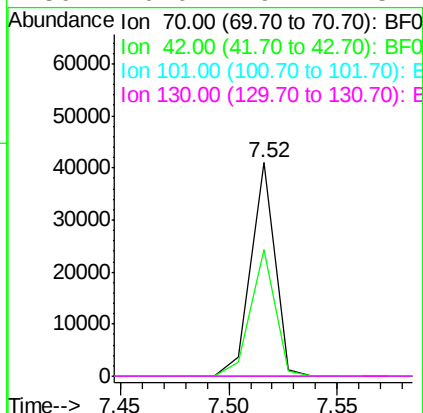
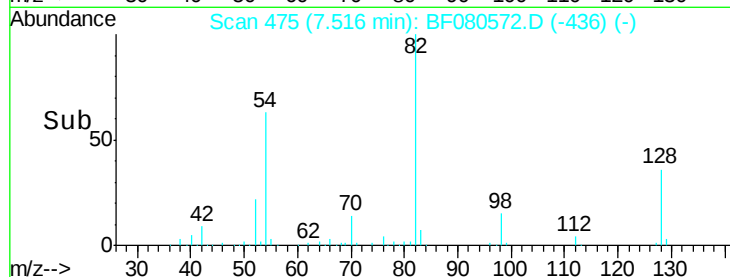
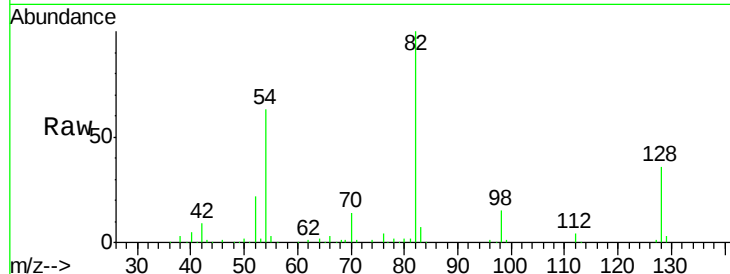




#19
n-Nitroso-di-n-propylamine
Concen: 20.44 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.15 min
Lab File: BF080572.D
Acq: 23 Jul 2015 00:08

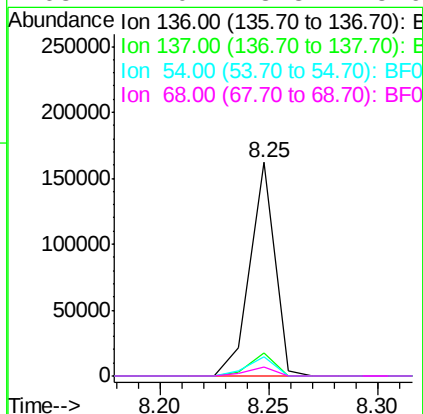
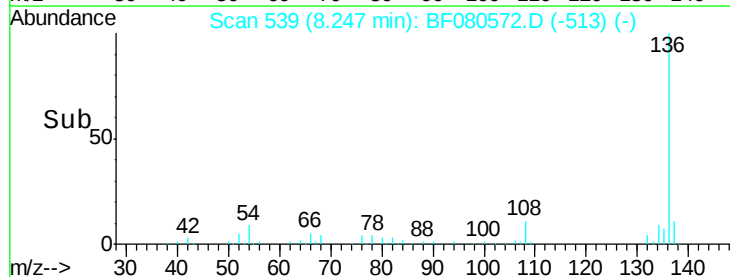
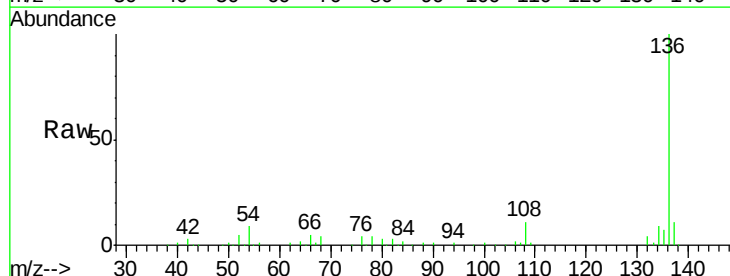
Instrument :
BNA_F
ClientSampleId :
SB-02-12.5-13.0

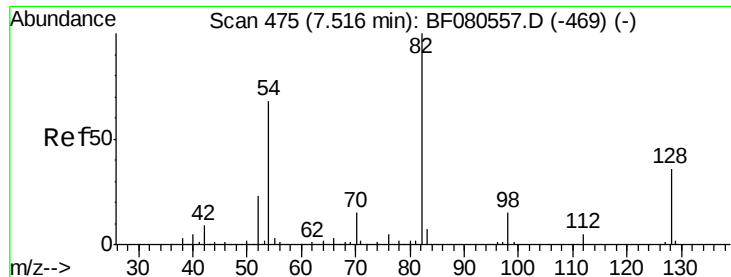
Tgt Ion: 70 Resp: 31487
Ion Ratio Lower Upper
70 100
42 59.1 56.6 85.0
101 0.0 9.7 14.5#
130 0.0 19.1 28.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF080572.D
Acq: 23 Jul 2015 00:08

Tgt Ion: 136 Resp: 128440
Ion Ratio Lower Upper
136 100
137 10.7 7.8 11.8
54 8.8 7.2 10.8
68 4.0 3.8 5.6

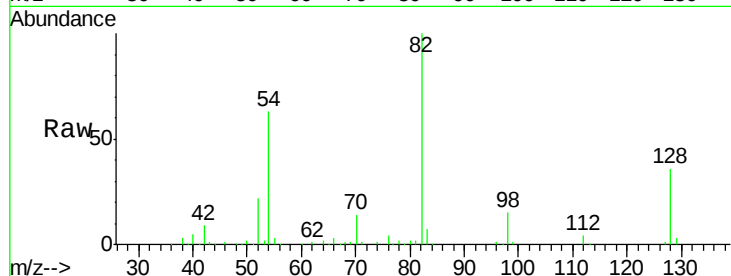




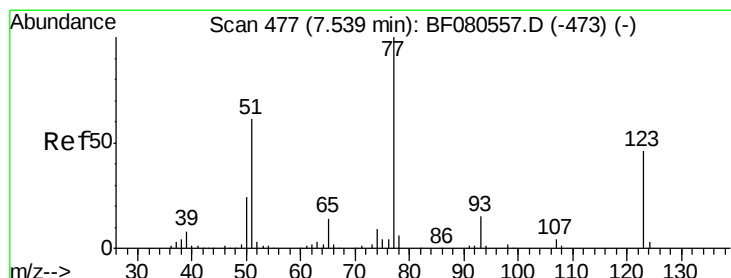
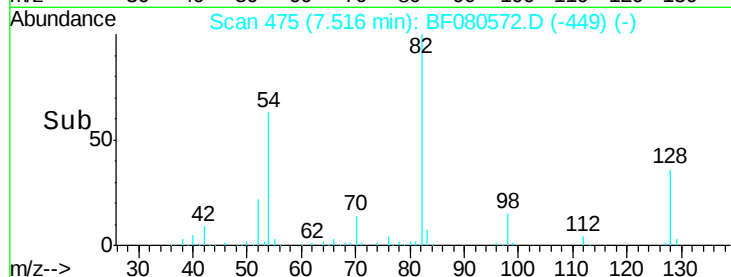
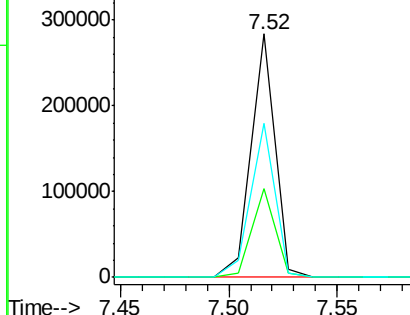
#23
 Nitrobenzene-d5
 Concen: 108.45 ng
 RT: 7.52 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: BF080572.D
 Acq: 23 Jul 2015 00:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-12.5-13.0

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.2	28.9	43.3
54	63.4	54.5	81.7

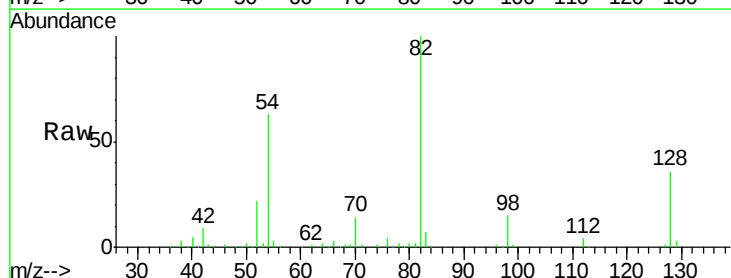


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

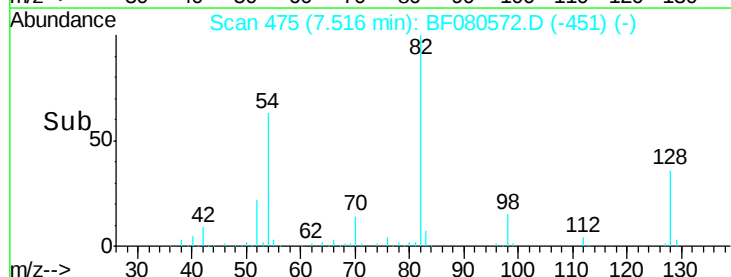
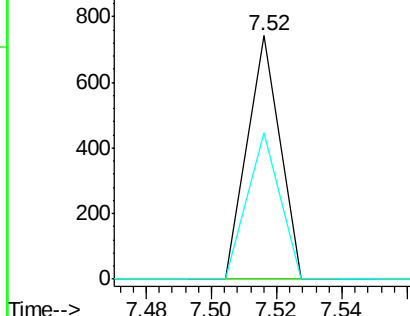


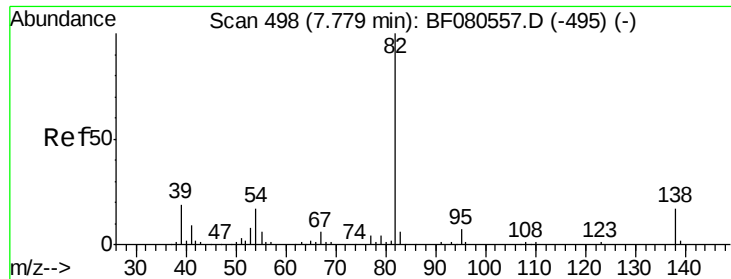
#24
 Nitrobenzene
 Concen: 4.52 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF080572.D
 Acq: 23 Jul 2015 00:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.1	55.7#
65	60.0	11.4	17.2#



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 47.68 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.26 min

Lab File: BF080572.D

Acq: 23 Jul 2015 00:08

Instrument :

BNA_F

ClientSampleId :

SB-02-12.5-13.0

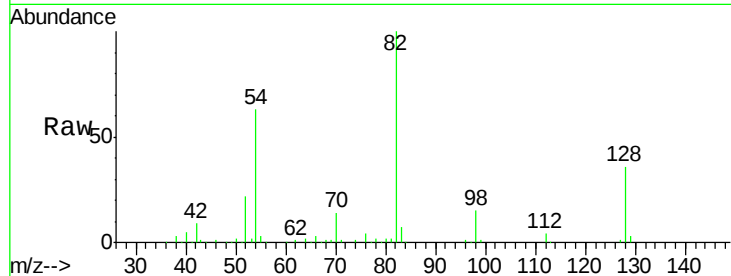
Tgt Ion: 82 Resp: 200791

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 13.4 20.2#

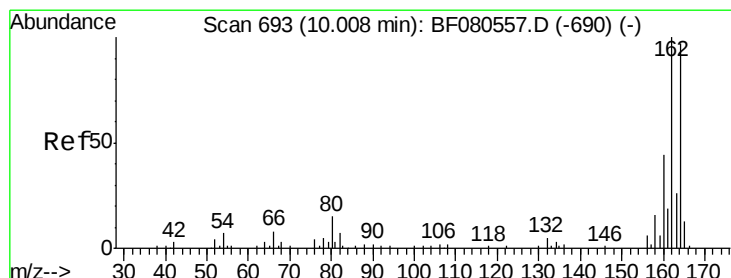
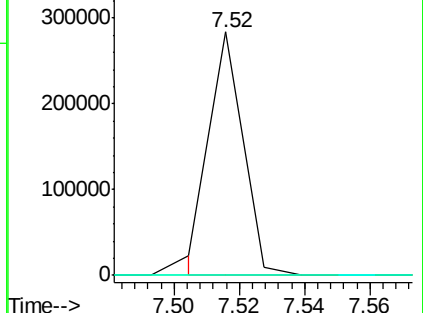
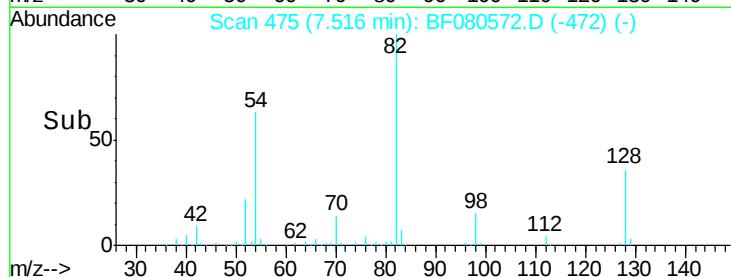


Abundance Ion 82.00 (81.70 to 82.70): BF080557.D (-495) (-)

Ion 95.00 (94.70 to 95.70): BF080557.D (-495) (-)

Ion 138.00 (137.70 to 138.70): BF080557.D (-495) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF080572.D

Acq: 23 Jul 2015 00:08

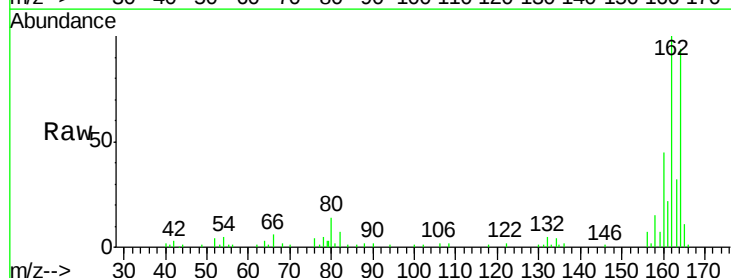
Tgt Ion: 164 Resp: 51812

Ion Ratio Lower Upper

164 100

162 106.6 82.2 123.4

160 48.1 36.1 54.1

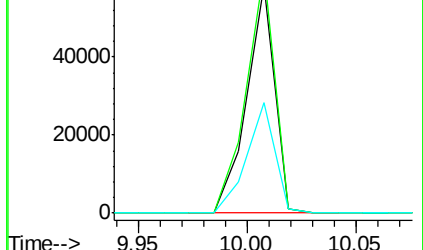
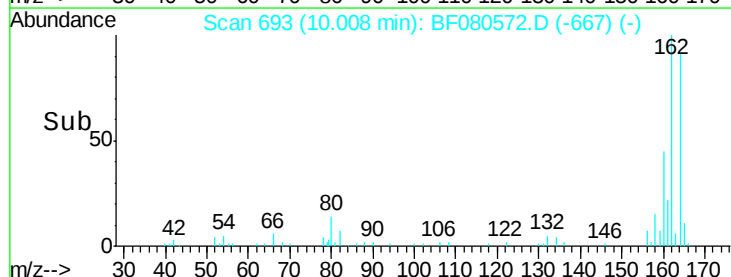


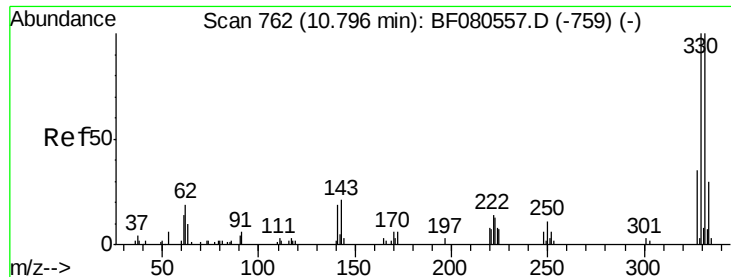
Abundance Ion 164.00 (163.70 to 164.70): BF080557.D (-690) (-)

Ion 162.00 (161.70 to 162.70): BF080557.D (-690) (-)

Ion 160.00 (159.70 to 160.70): BF080557.D (-690) (-)

Time-->

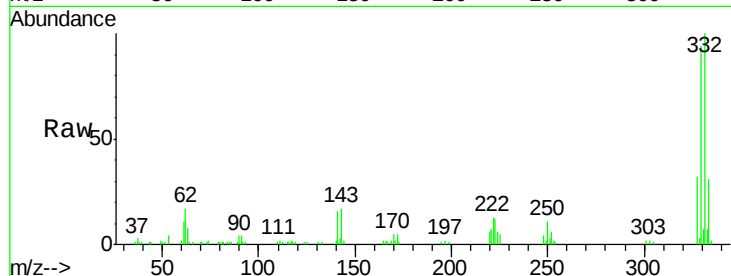




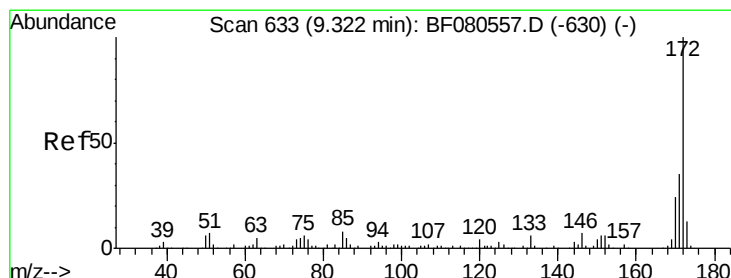
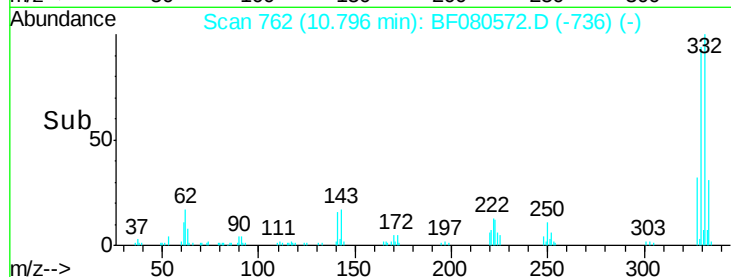
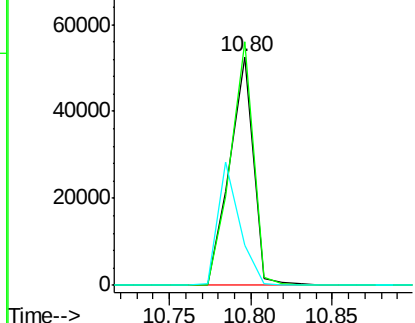
#41
 2,4,6-Tribromophenol
 Concen: 136.27 ng
 RT: 10.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF080572.D
 Acq: 23 Jul 2015 00:08

Instrument :
 BNA_F
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 SB-02-12.5-13.0

Tgt Ion:330 Resp: 52923
 Ion Ratio Lower Upper
 330 100
 332 102.0 78.3 117.5
 141 49.6 37.9 56.9

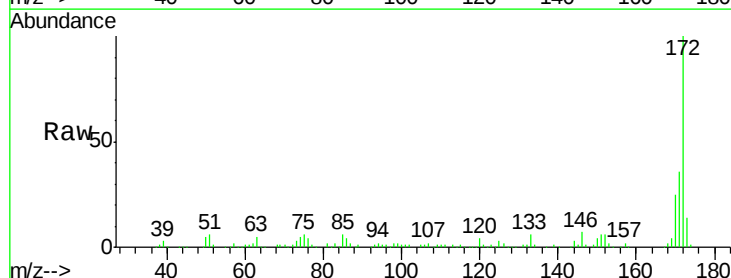


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

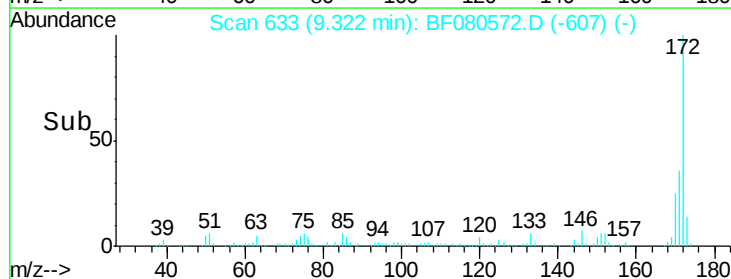
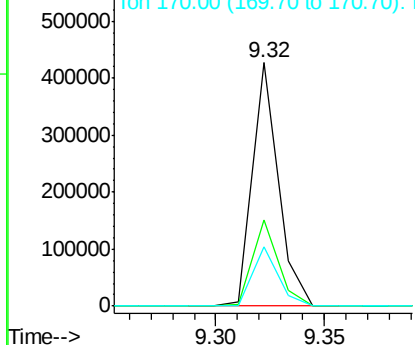


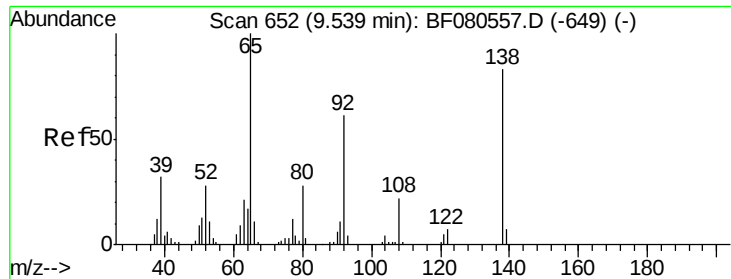
#44
 2-Fluorobiphenyl
 Concen: 97.71 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF080572.D
 Acq: 23 Jul 2015 00:08

Tgt Ion:172 Resp: 352040
 Ion Ratio Lower Upper
 172 100
 171 35.7 27.7 41.5
 170 24.6 19.1 28.7



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

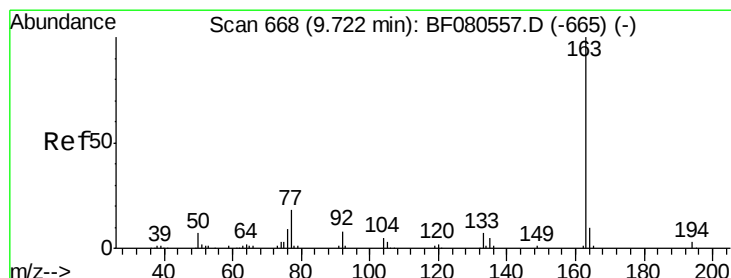
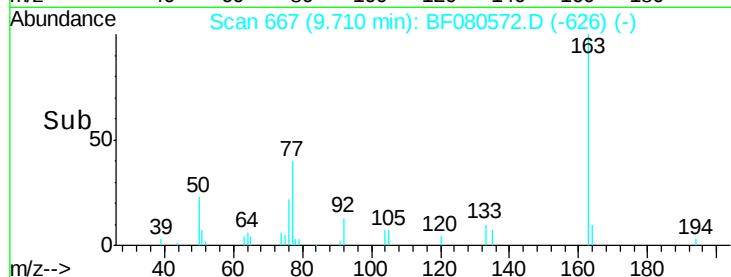
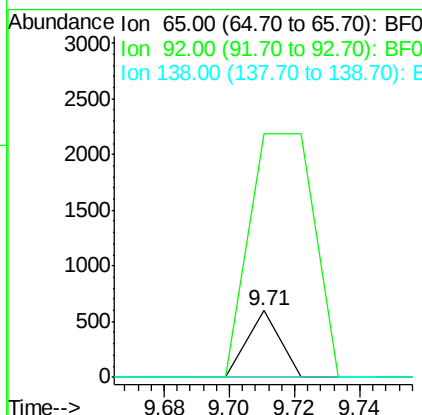
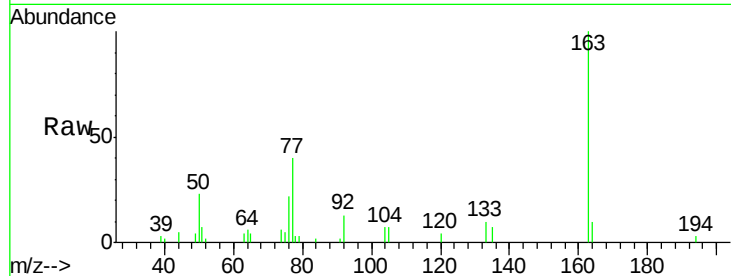




#47
2-Nitroaniline
Concen: 3.14 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.17 min
Lab File: BF080572.D
Acq: 23 Jul 2015 00:08

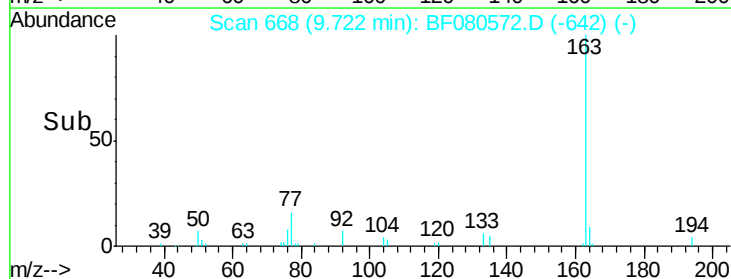
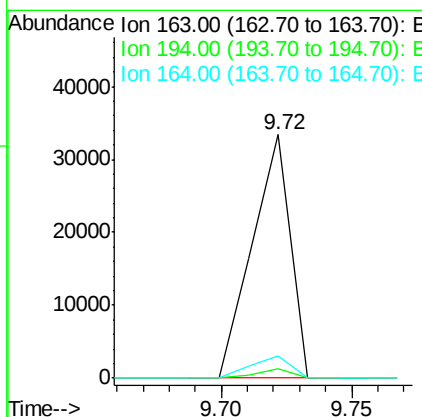
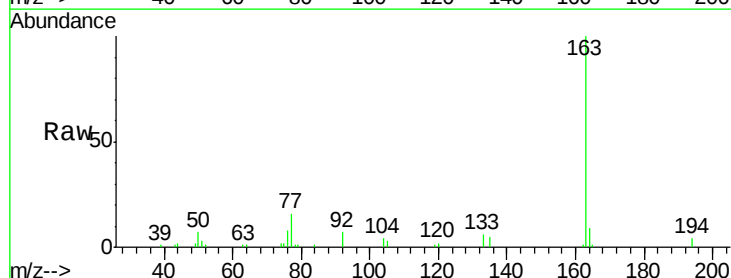
Instrument :
BNA_F
ClientSampleId :
SB-02-12.5-13.0

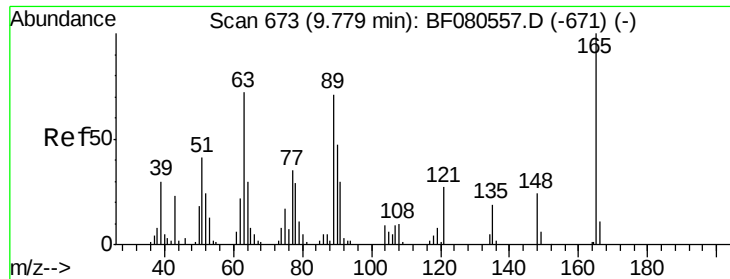
Tgt Ion: 65 Resp: 411
Ion Ratio Lower Upper
65 100
92 364.2 48.7 73.1#
138 0.0 66.8 100.2#



#49
Dimethylphthalate
Concen: 9.40 ng
RT: 9.72 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF080572.D
Acq: 23 Jul 2015 00:08

Tgt Ion:163 Resp: 34202
Ion Ratio Lower Upper
163 100
194 3.9 2.5 3.7#
164 9.2 8.1 12.1

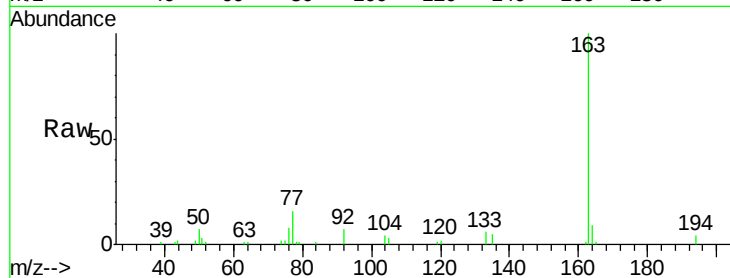




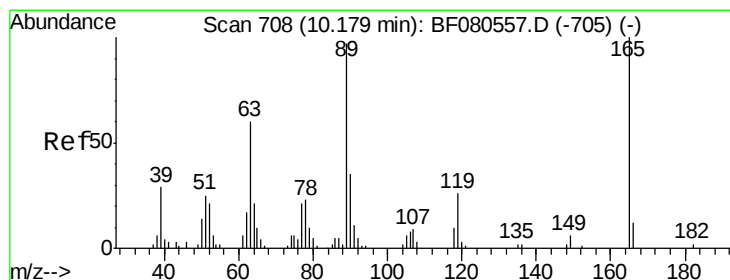
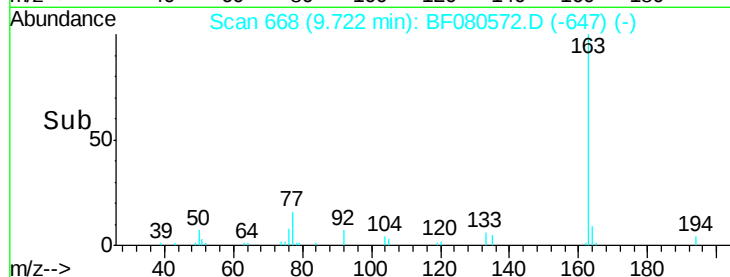
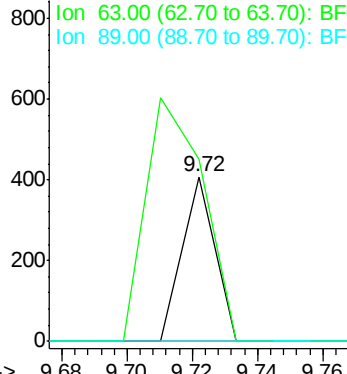
#50
 2,6-Dinitrotoluene
 Concen: 4.21 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.06 min
 Lab File: BF080572.D
 Acq: 23 Jul 2015 00:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-12.5-13.0

Tgt Ion:165 Resp: 279
 Ion Ratio Lower Upper
 165 100
 63 111.1 59.0 88.6#
 89 0.0 56.9 85.3#

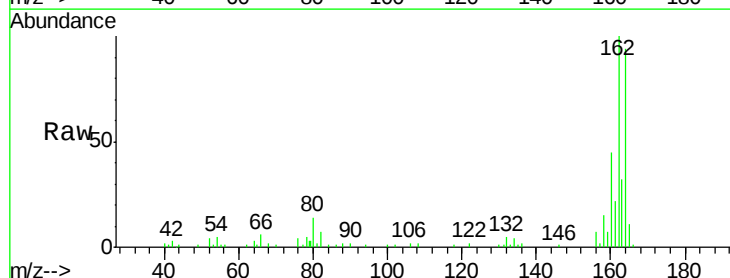


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

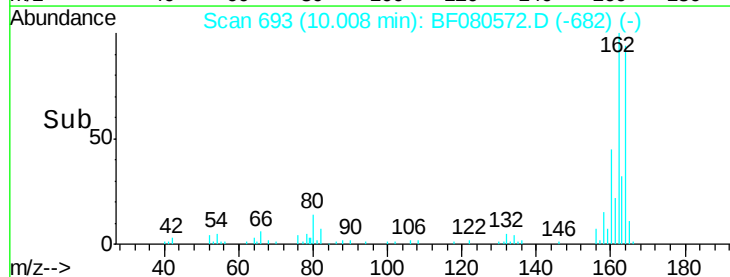
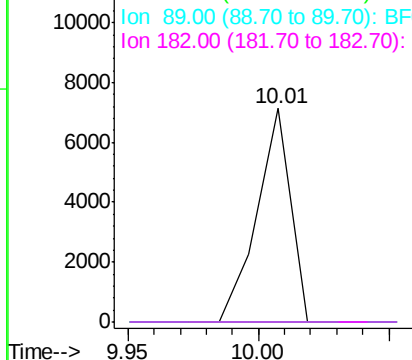


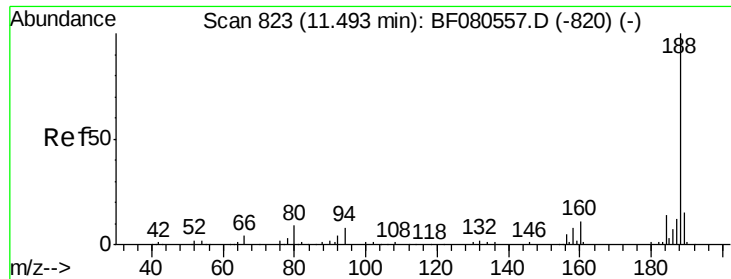
#56
 2,4-Dinitrotoluene
 Concen: 16.14 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.17 min
 Lab File: BF080572.D
 Acq: 23 Jul 2015 00:08

Tgt Ion:165 Resp: 6439
 Ion Ratio Lower Upper
 165 100
 63 0.0 48.1 72.1#
 89 0.0 77.4 116.0#
 182 0.0 1.3 1.9#



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

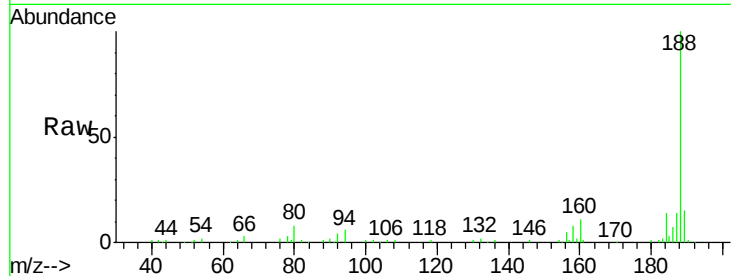




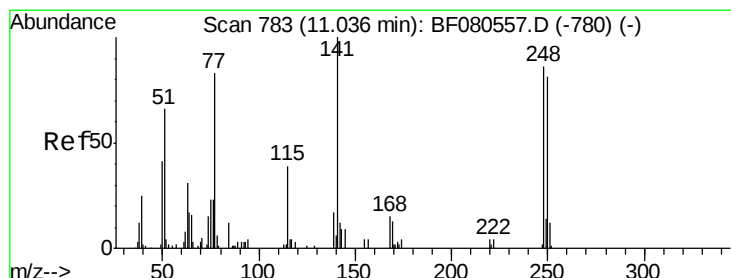
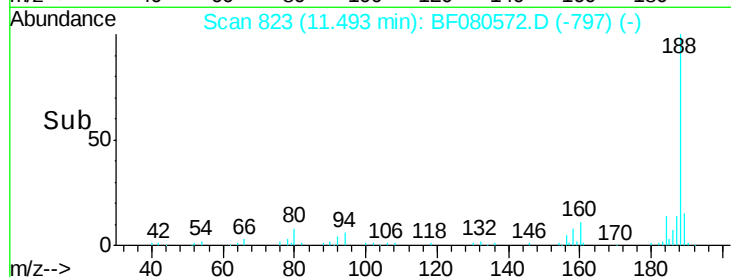
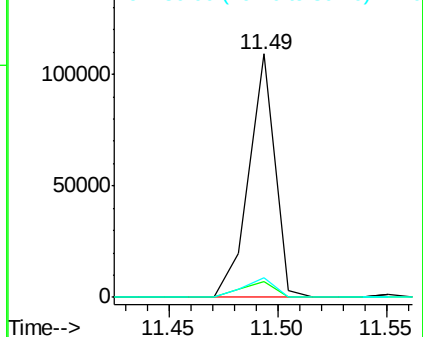
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF080572.D
Acq: 23 Jul 2015 00:08

Instrument :
BNA_F
ClientSampleId :
SB-02-12.5-13.0

Tgt Ion:188 Resp: 90581
Ion Ratio Lower Upper
188 100
94 6.4 6.1 9.1
80 8.1 7.0 10.6

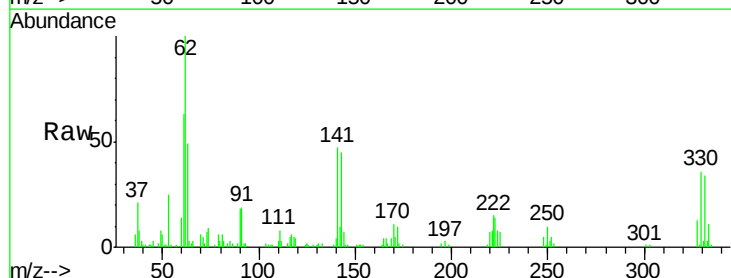


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

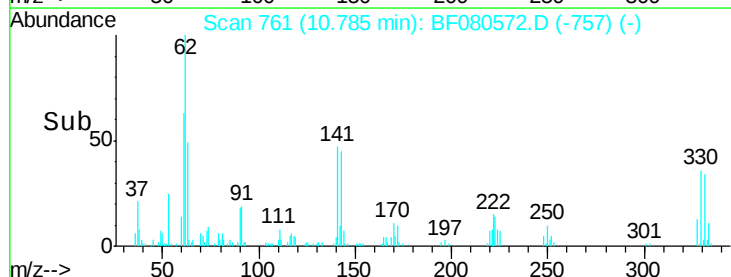
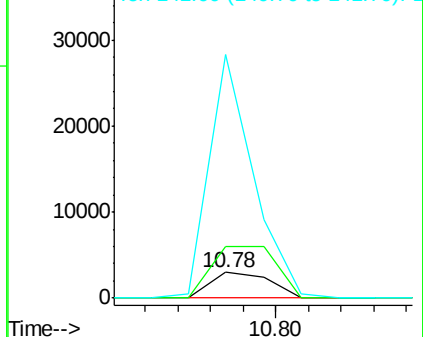


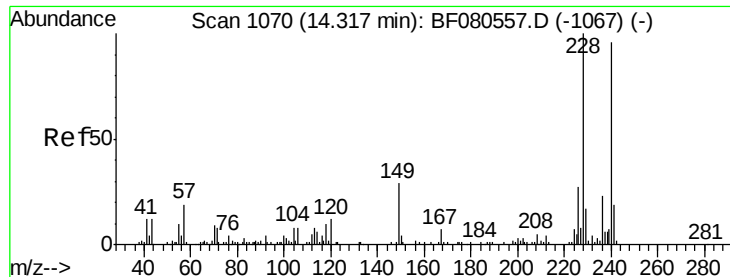
#66
4-Bromophenyl-phenylether
Concen: 4.31 ng
RT: 10.78 min Scan# 761
Delta R.T. -0.25 min
Lab File: BF080572.D
Acq: 23 Jul 2015 00:08

Tgt Ion:248 Resp: 3753
Ion Ratio Lower Upper
248 100
250 199.5 75.4 113.2#
141 942.9 93.4 140.0#



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: 14.23 min Scan# 1062

Delta R.T. -0.09 min

Lab File: BF080572.D

Acq: 23 Jul 2015 00:08

Instrument :

BNA_F

ClientSampleId :

SB-02-12.5-13.0

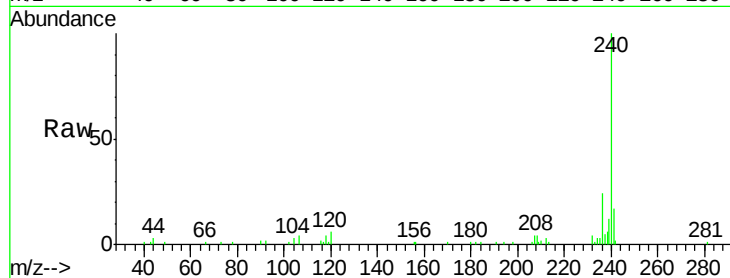
Tgt Ion:240 Resp: 56478

Ion Ratio Lower Upper

240 100

120 5.8 9.9 14.9#

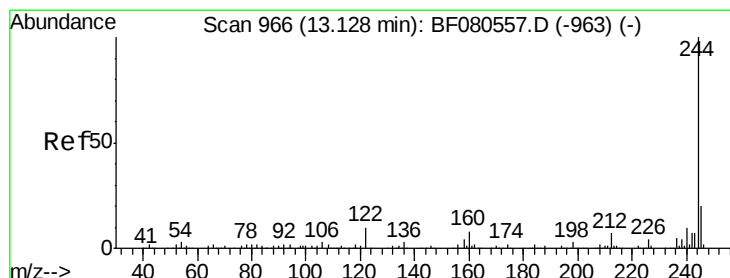
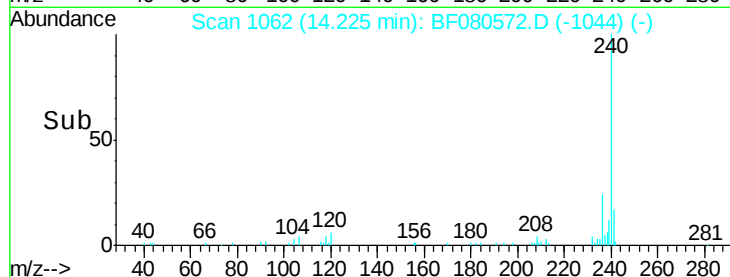
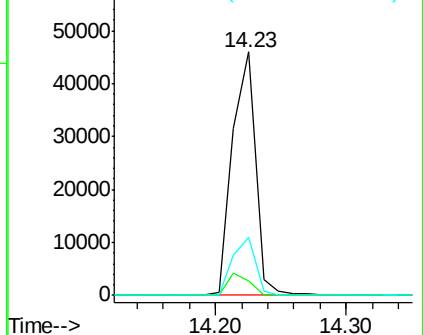
236 23.8 19.1 28.7



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: 95.31 ng

RT: 13.09 min Scan# 963

Delta R.T. -0.03 min

Lab File: BF080572.D

Acq: 23 Jul 2015 00:08

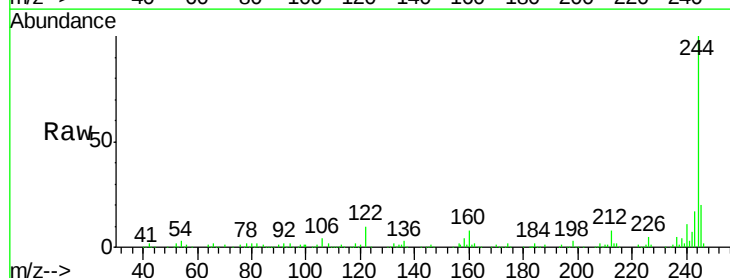
Tgt Ion:244 Resp: 262498

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

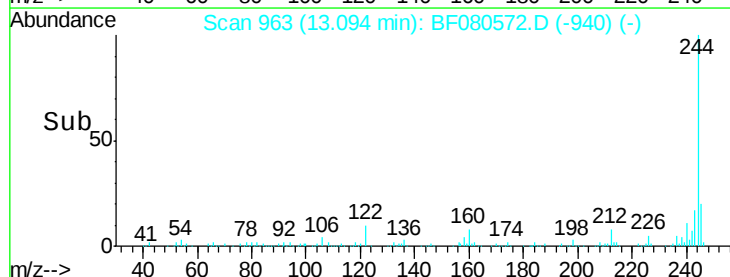
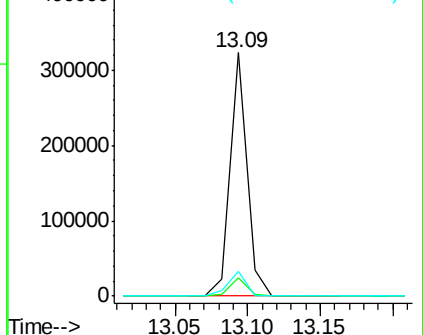
122 9.9 8.2 12.2

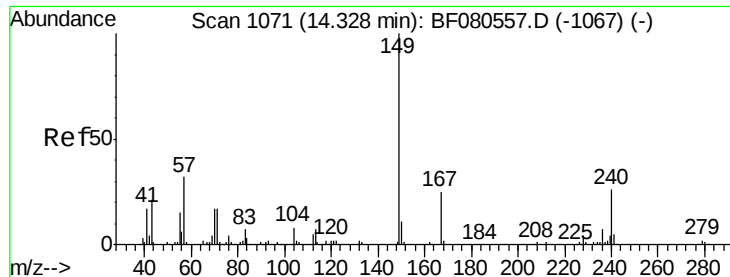


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

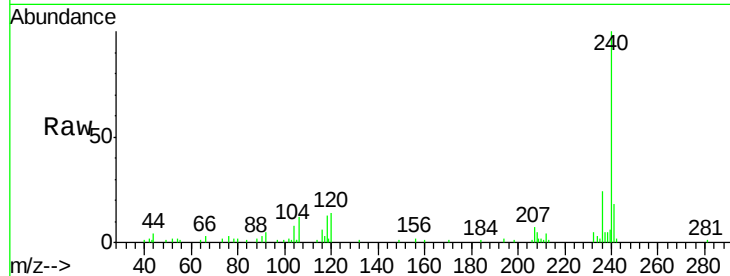




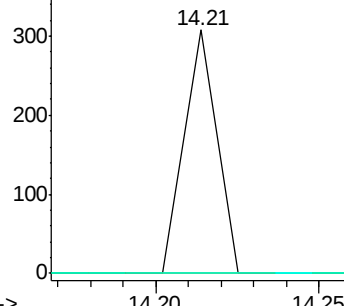
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.17 ng
 RT: 14.21 min Scan# 1061
 Delta R.T. -0.11 min
 Lab File: BF080572.D
 Acq: 23 Jul 2015 00:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-12.5-13.0

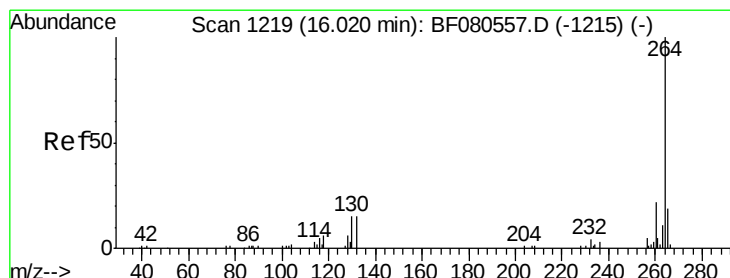
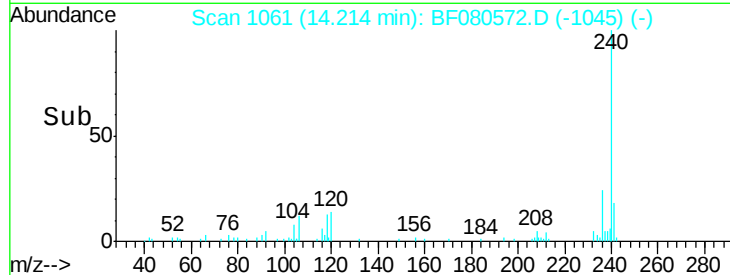
Tgt Ion:149 Resp: 211
 Ion Ratio Lower Upper
 149 100
 167 0.0 20.2 30.2#
 279 0.0 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

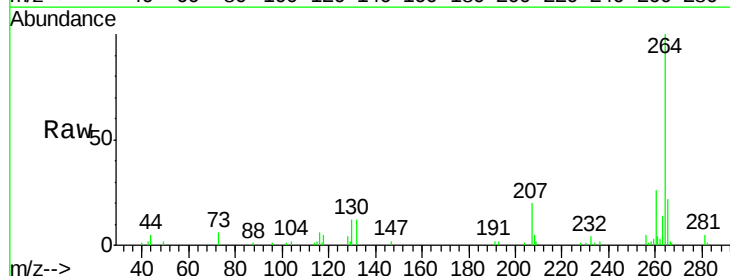


Time-->

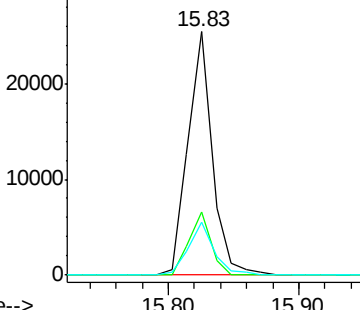


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.83 min Scan# 1202
 Delta R.T. -0.19 min
 Lab File: BF080572.D
 Acq: 23 Jul 2015 00:08

Tgt Ion:264 Resp: 32747
 Ion Ratio Lower Upper
 264 100
 260 26.1 17.8 26.8
 265 21.8 15.6 23.4



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



Time-->

