

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
 Data File : BF080571.D
 Acq On : 22 Jul 2015 23:39
 Operator : TP/UM
 Sample : G3031-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(4-6)

Quant Time: Jul 23 05:48:18 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

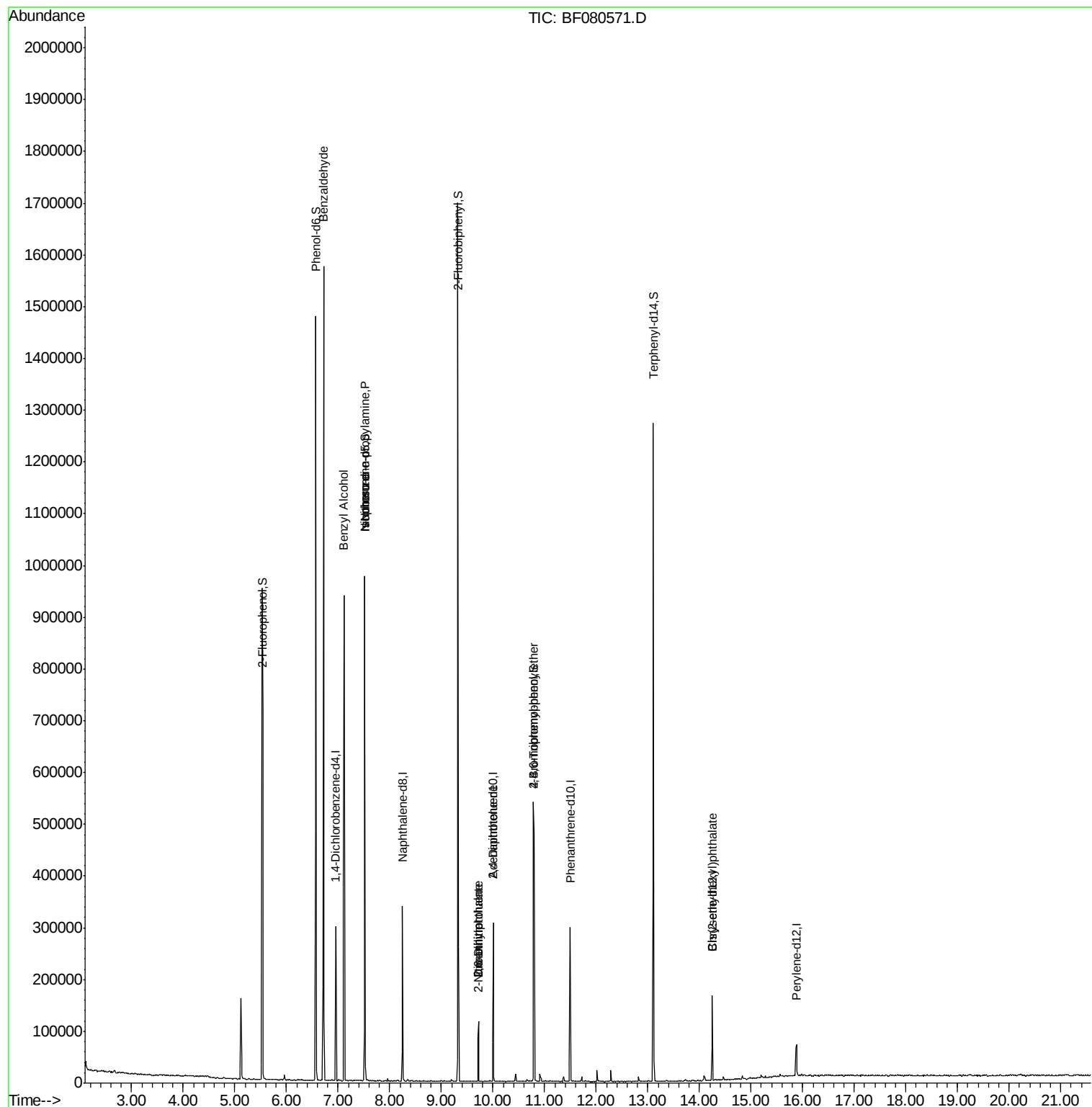
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	34490	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	129462	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	57973	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	101115	20.00	ng	0.00
75) Chrysene-d12	14.25	240	61698	20.00	ng	-0.07
86) Perylene-d12	15.88	264	36507	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	295701	152.04	ng	0.01
7) Phenol-d6	6.57	99	418073	174.54	ng	0.00
23) Nitrobenzene-d5	7.52	82	236049	117.44	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	74691	169.98	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	428928	106.39	ng	0.00
78) Terphenyl-d14	13.11	244	392603	130.49	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.72	77	8832	4.90	ng	Qvalue 85
15) Benzyl Alcohol	7.12	79	4548	2.29	ng	# 49
19) n-Nitroso-di-n-propylamine	7.52	70	34003	22.10	ng	# 76
25) Isophorone	7.52	82	216764	51.06	ng	# 66
47) 2-Nitroaniline	9.71	65	740	3.55	ng	# 1
49) Dimethylphthalate	9.72	163	59606	14.64	ng	# 98
50) 2,6-Dinitrotoluene	9.72	165	870	4.96	ng	# 44
56) 2,4-Dinitrotoluene	10.01	165	7433	16.39	ng	# 10
66) 4-Bromophenyl-phenylether	10.80	248	5489	5.64	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.25	149	1408	3.66	ng	# 98

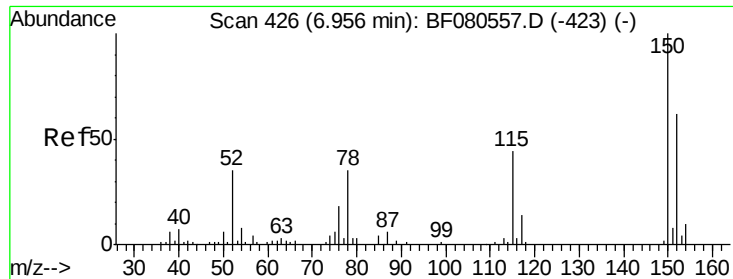
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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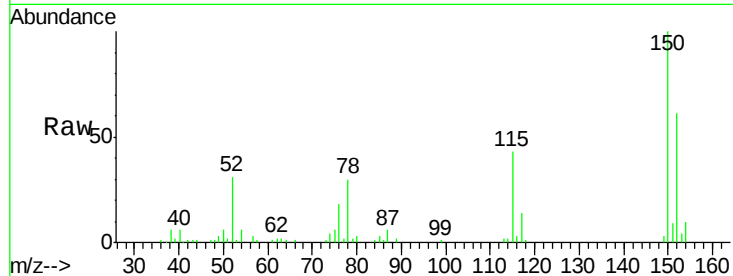




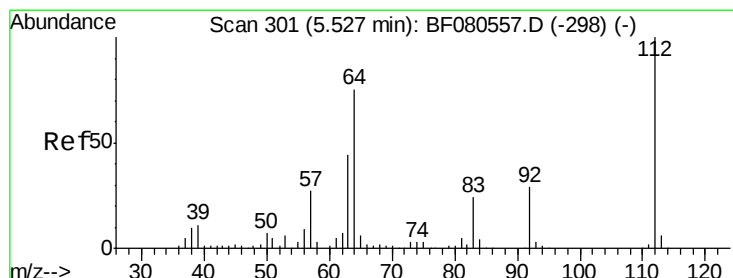
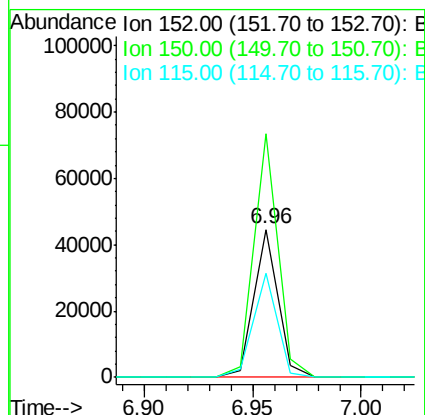
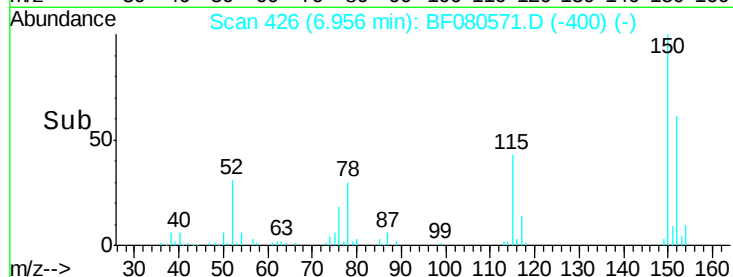
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BF080571.D
 Acq: 22 Jul 2015 23:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(4-6)

Tgt Ion:152 Resp: 34490
 Ion Ratio Lower Upper
 152 100
 150 164.6 128.7 193.1
 115 70.8 56.8 85.2

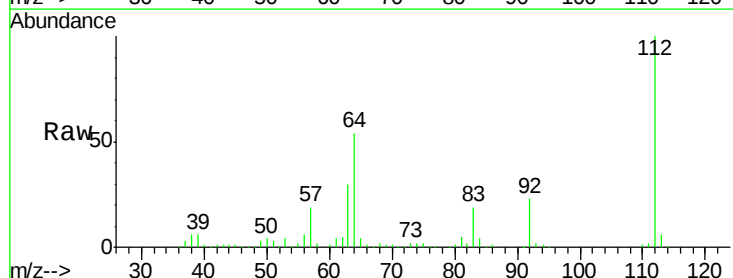


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

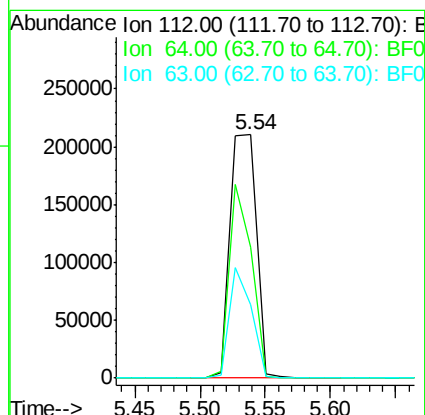
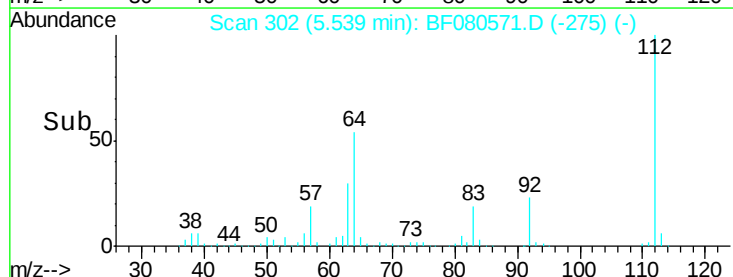


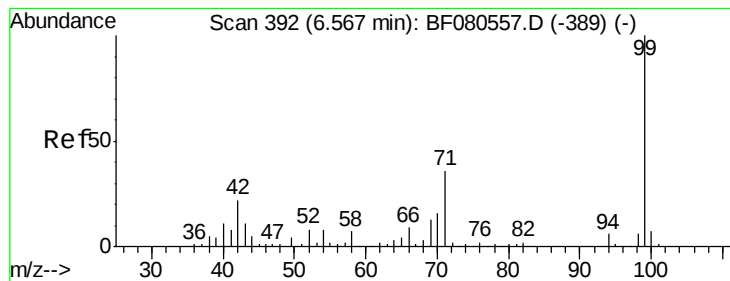
#5
 2-Fluorophenol
 Concen: 152.04 ng
 RT: 5.54 min Scan# 302
 Delta R.T. 0.01 min
 Lab File: BF080571.D
 Acq: 22 Jul 2015 23:39

Tgt Ion:112 Resp: 295701
 Ion Ratio Lower Upper
 112 100
 64 53.5 60.2 90.2#
 63 30.0 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: 174.54 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF080571.D

Acq: 22 Jul 2015 23:39

Instrument :

BNA_F

ClientSampleId :

SB-4(4-6)

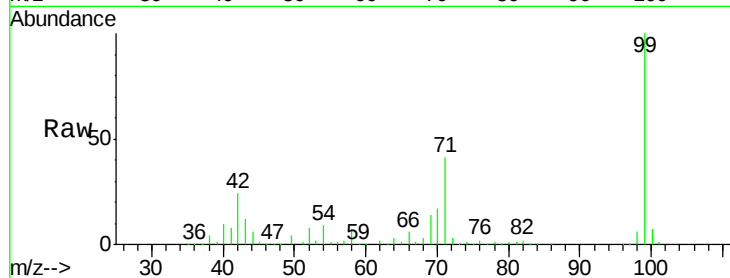
Tgt Ion: 99 Resp: 418073

Ion Ratio Lower Upper

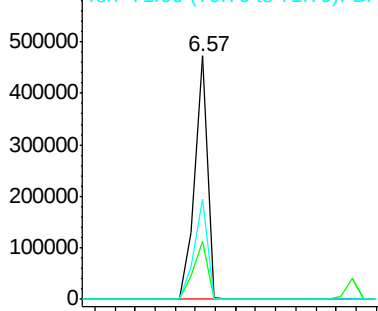
99 100

42 23.7 17.4 26.2

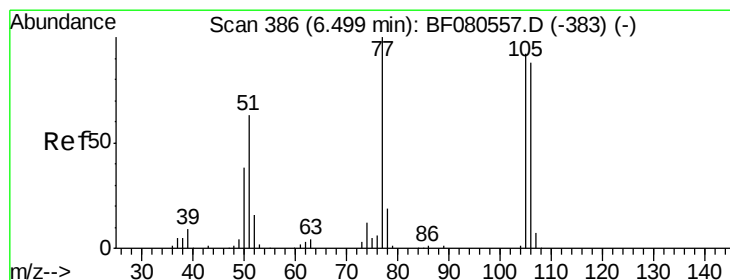
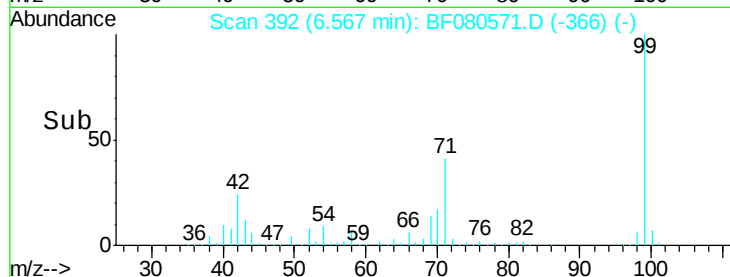
71 41.0 29.0 43.6



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



Time-->



#9

Benzaldehyde

Concen: 4.90 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.22 min

Lab File: BF080571.D

Acq: 22 Jul 2015 23:39

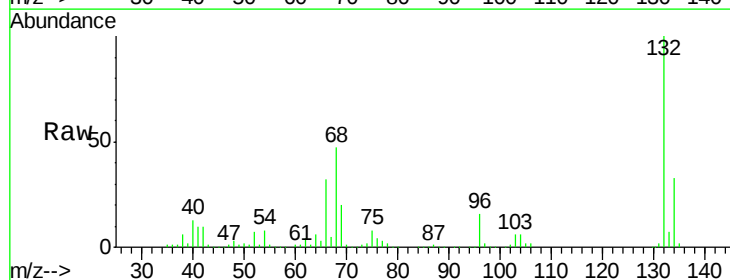
Tgt Ion: 77 Resp: 8832

Ion Ratio Lower Upper

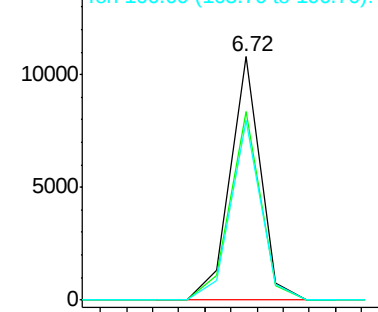
77 100

105 77.7 72.3 112.3

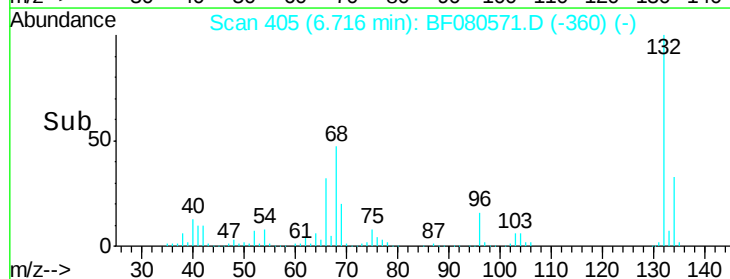
106 73.6 67.5 107.5

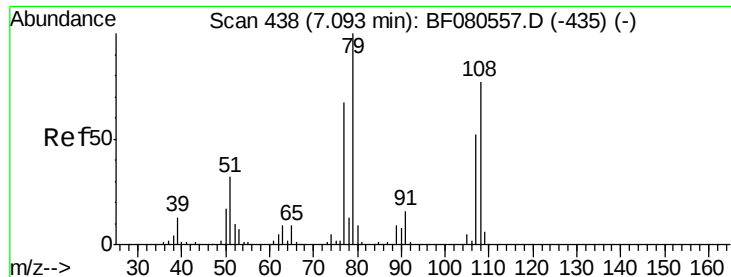


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B



Time-->





#15

Benzyl Alcohol

Concen: 2.29 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.02 min

Lab File: BF080571.D

Acq: 22 Jul 2015 23:39

Instrument :

BNA_F

ClientSampleId :

SB-4(4-6)

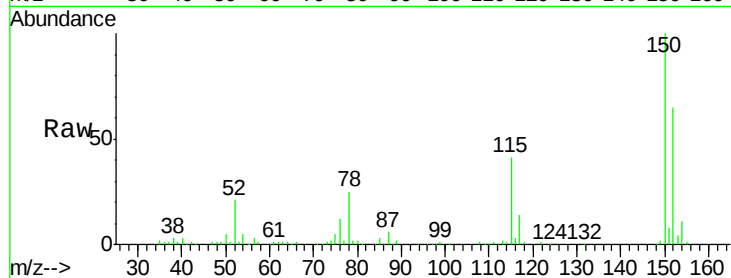
Tgt Ion: 79 Resp: 4548

Ion Ratio Lower Upper

79 100

108 37.2 61.5 92.3#

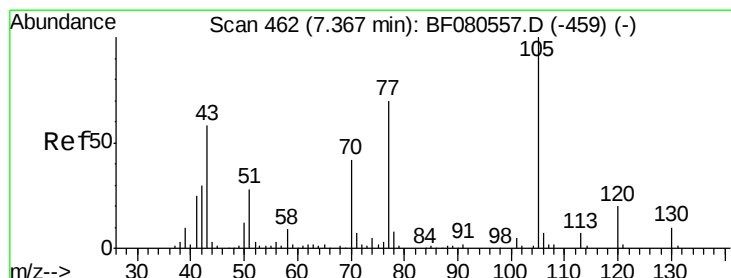
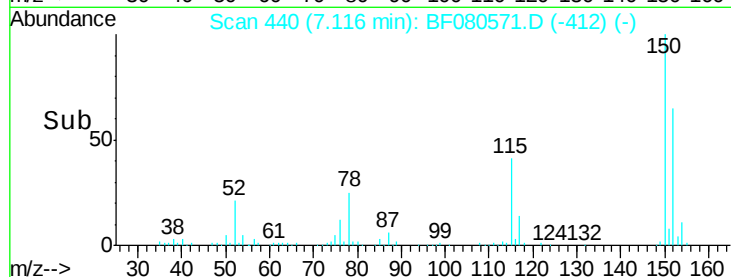
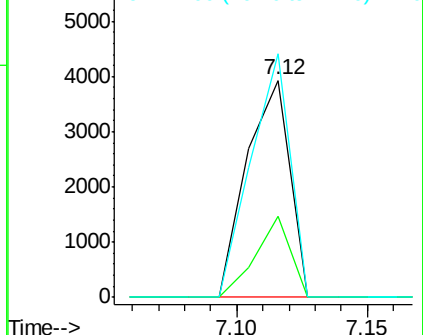
77 112.2 53.6 80.4#



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: 22.10 ng

RT: 7.52 min Scan# 475

Delta R.T. 0.15 min

Lab File: BF080571.D

Acq: 22 Jul 2015 23:39

Tgt Ion: 70 Resp: 34003

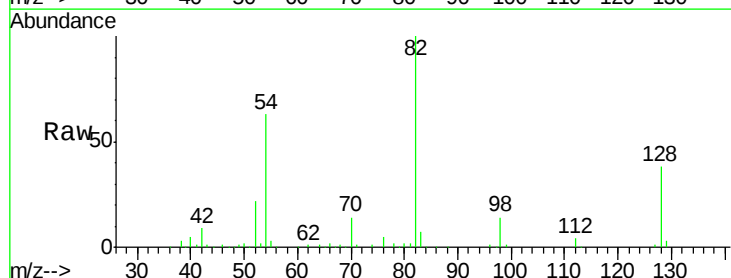
Ion Ratio Lower Upper

70 100

42 59.3 56.6 85.0

101 0.0 9.7 14.5#

130 0.0 19.1 28.7#

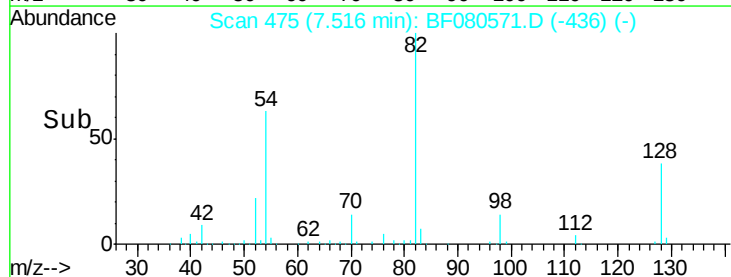
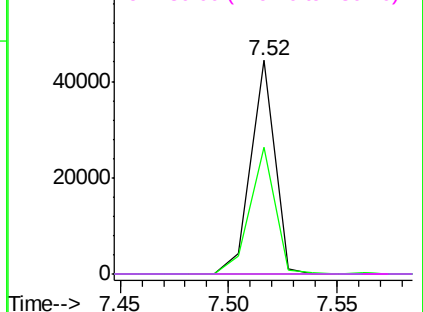


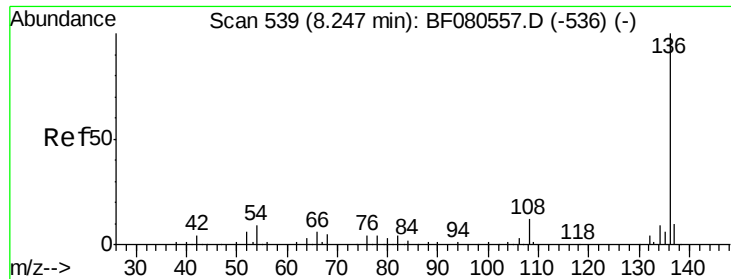
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

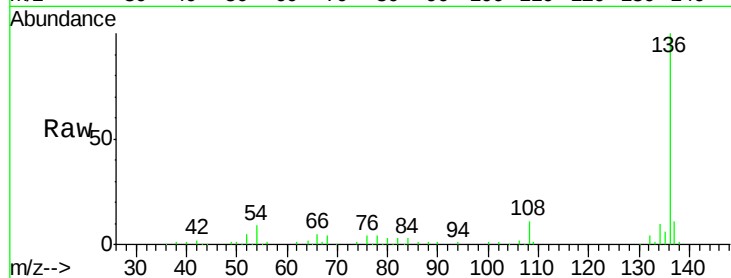




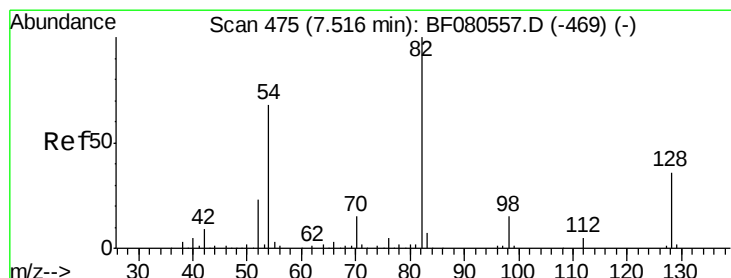
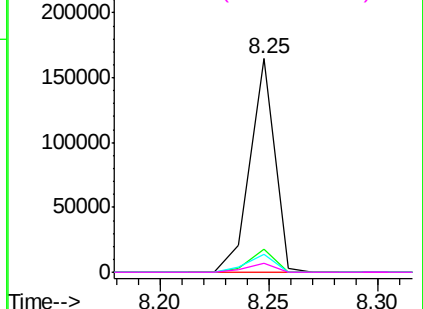
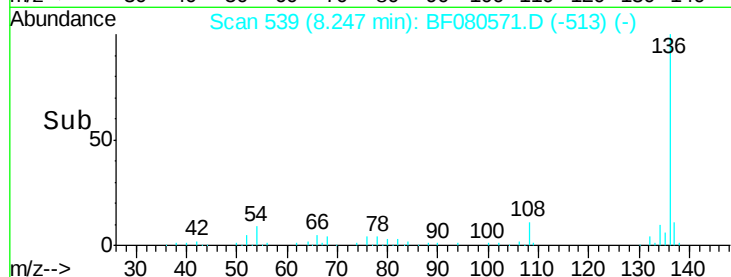
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF080571.D
Acq: 22 Jul 2015 23:39

Instrument :
BNA_F
ClientSampleId :
SB-4(4-6)

Tgt Ion:	136	Resp:	129462
Ion	Ratio	Lower	Upper
136	100		
137	10.9	7.8	11.8
54	8.5	7.2	10.8
68	4.4	3.8	5.6

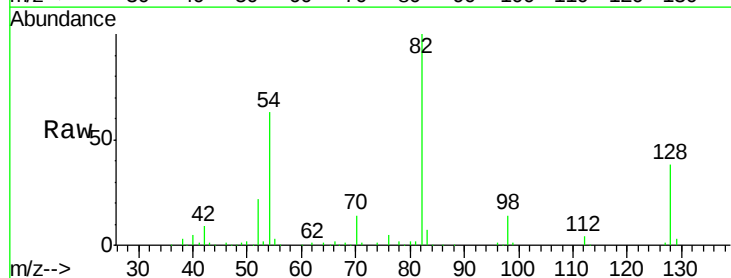


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

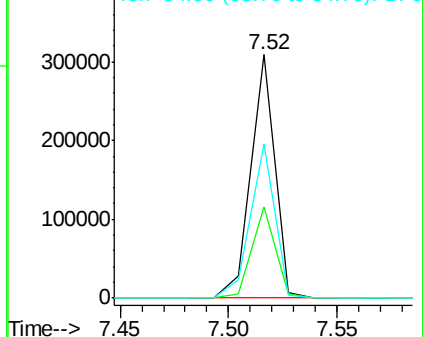
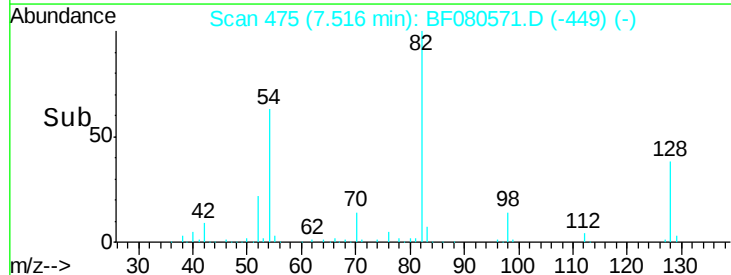


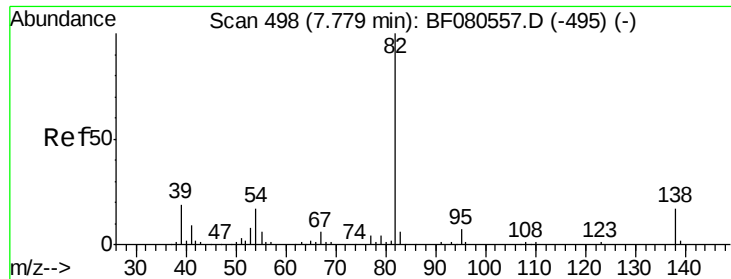
#23
Nitrobenzene-d5
Concen: 117.44 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.00 min
Lab File: BF080571.D
Acq: 22 Jul 2015 23:39

Tgt Ion:	82	Resp:	236049
Ion	Ratio	Lower	Upper
82	100		
128	37.5	28.9	43.3
54	63.1	54.5	81.7



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: 51.06 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.26 min

Lab File: BF080571.D

Acq: 22 Jul 2015 23:39

Instrument :

BNA_F

ClientSampleId :

SB-4(4-6)

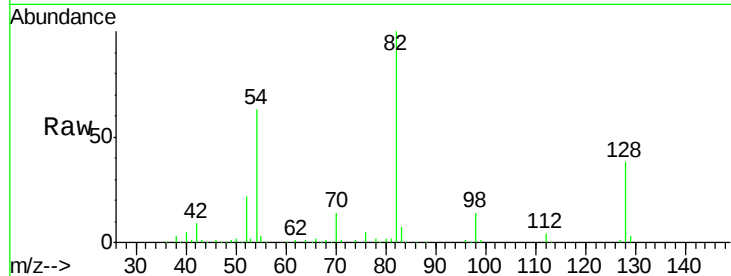
Tgt Ion: 82 Resp: 216764

Ion Ratio Lower Upper

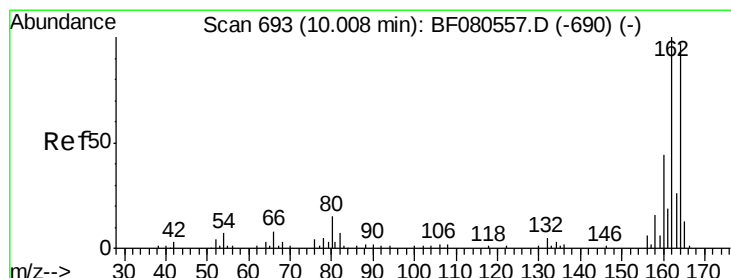
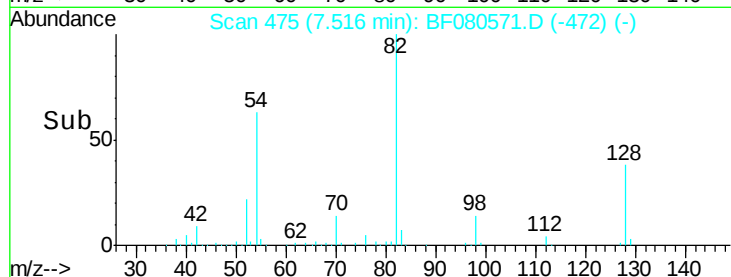
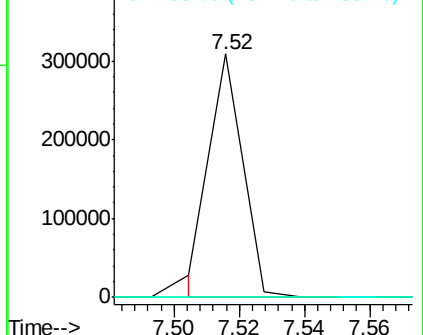
82 100

95 0.0 5.9 8.9#

138 0.0 13.4 20.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF080571.D

Acq: 22 Jul 2015 23:39

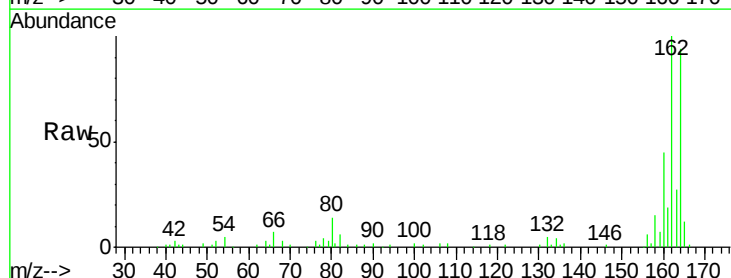
Tgt Ion: 164 Resp: 57973

Ion Ratio Lower Upper

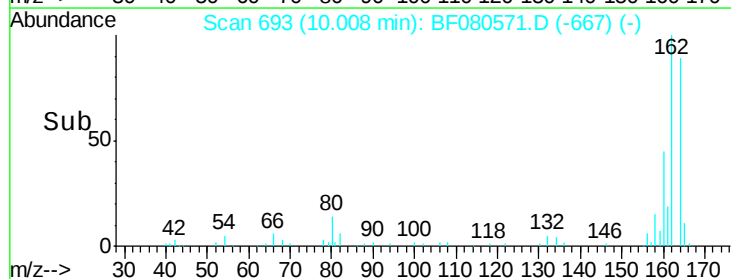
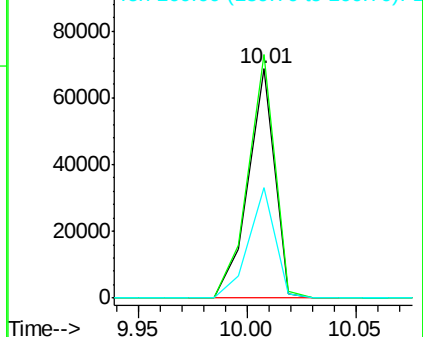
164 100

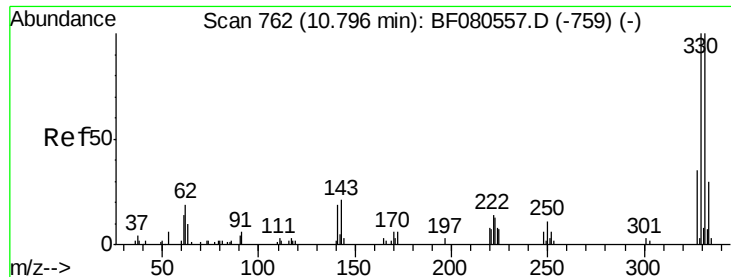
162 106.3 82.2 123.4

160 48.0 36.1 54.1



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

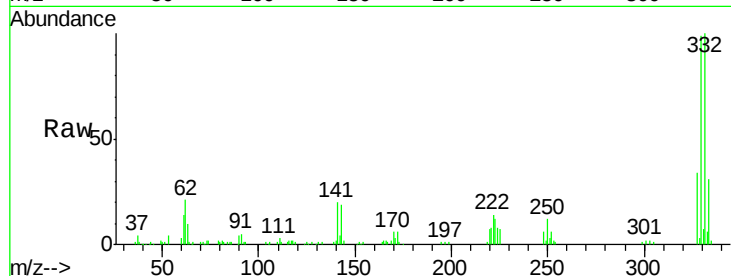




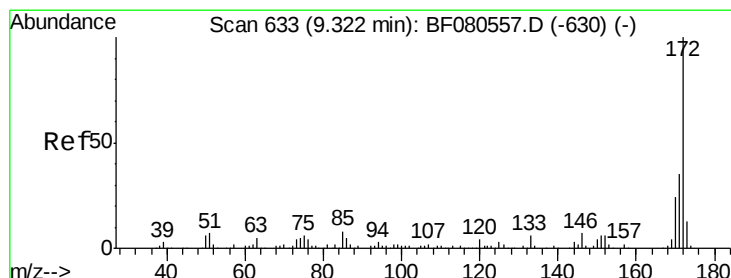
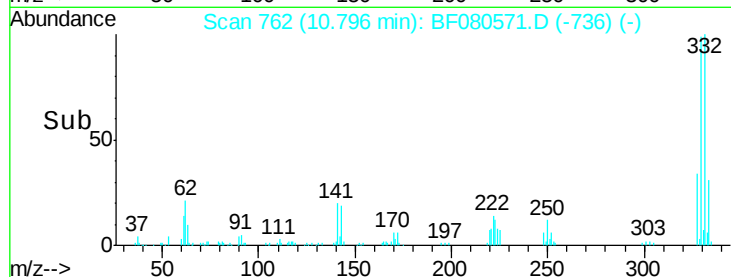
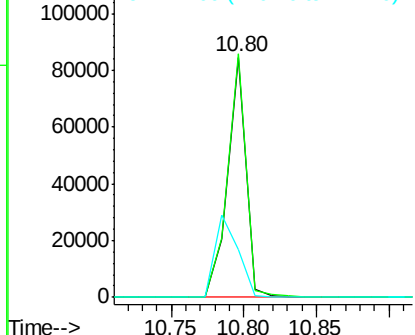
#41
 2,4,6-Tribromophenol
 Concen: 169.98 ng
 RT: 10.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF080571.D
 Acq: 22 Jul 2015 23:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(4-6)

Tgt Ion:330 Resp: 74691
 Ion Ratio Lower Upper
 330 100
 332 101.2 78.3 117.5
 141 42.9 37.9 56.9

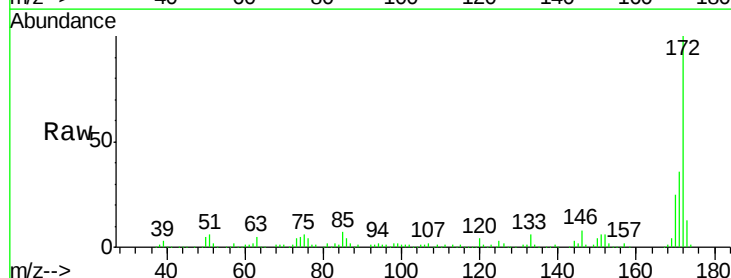


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

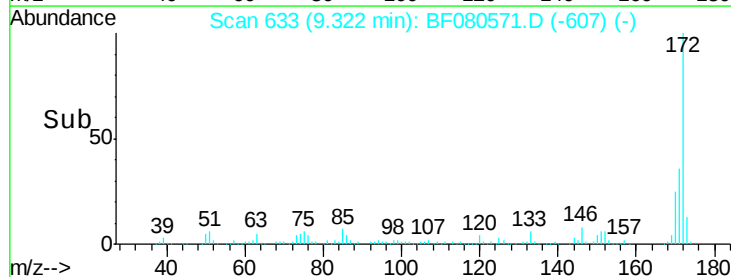
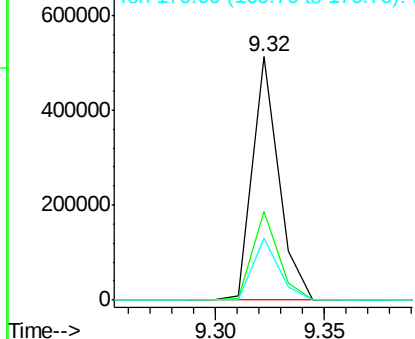


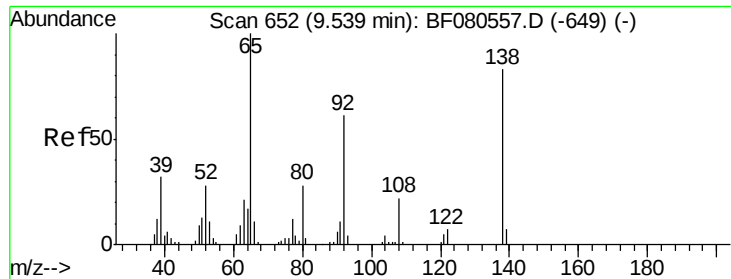
#44
 2-Fluorobiphenyl
 Concen: 106.39 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF080571.D
 Acq: 22 Jul 2015 23:39

Tgt Ion:172 Resp: 428928
 Ion Ratio Lower Upper
 172 100
 171 36.5 27.7 41.5
 170 25.3 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

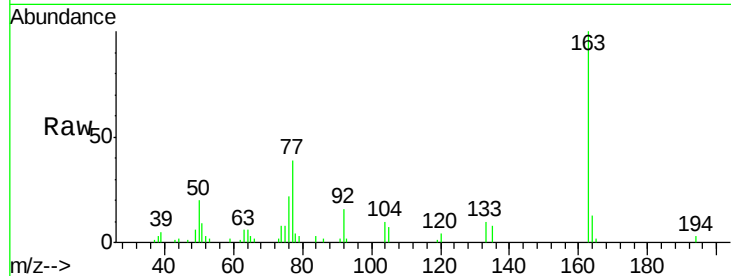




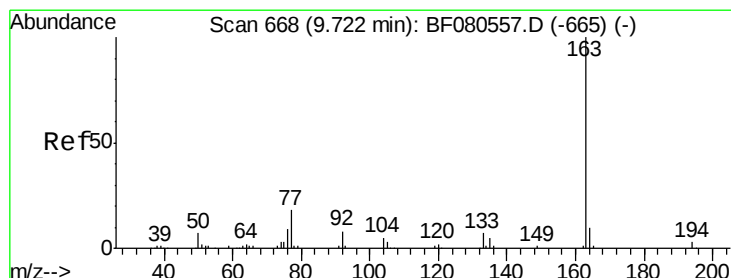
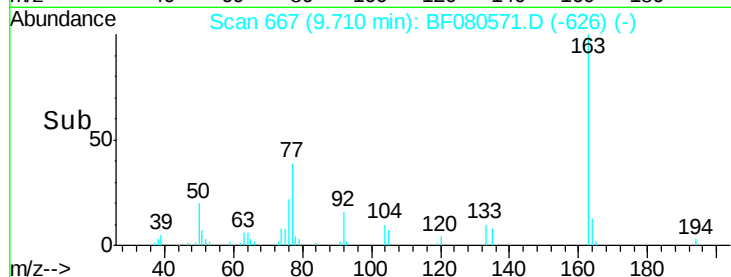
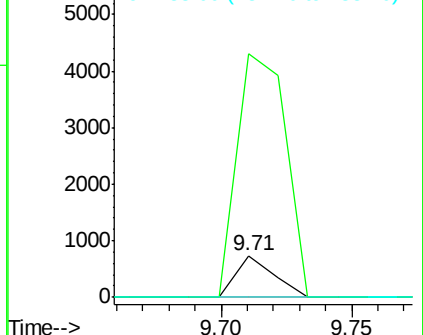
#47
2-Nitroaniline
Concen: 3.55 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.17 min
Lab File: BF080571.D
Acq: 22 Jul 2015 23:39

Instrument :
BNA_F
ClientSampleId :
SB-4(4-6)

Tgt Ion: 65 Resp: 740
Ion Ratio Lower Upper
65 100
92 586.5 48.7 73.1#
138 0.0 66.8 100.2#

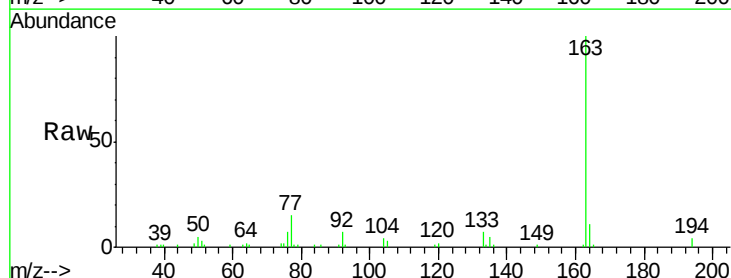


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

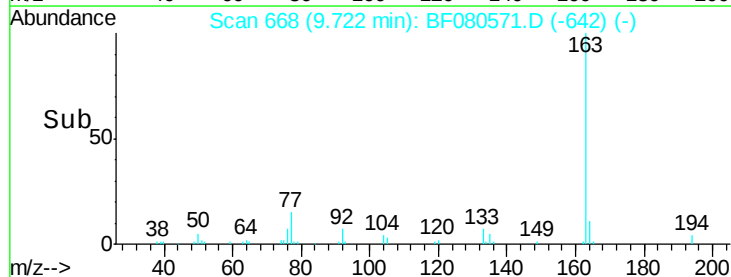
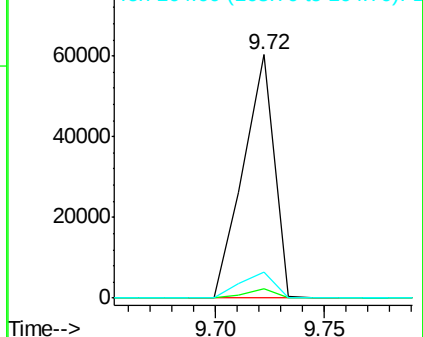


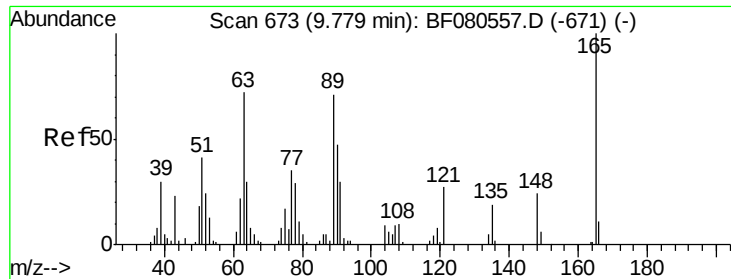
#49
Dimethylphthalate
Concen: 14.64 ng
RT: 9.72 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF080571.D
Acq: 22 Jul 2015 23:39

Tgt Ion: 163 Resp: 59606
Ion Ratio Lower Upper
163 100
194 3.9 2.5 3.7#
164 10.6 8.1 12.1



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

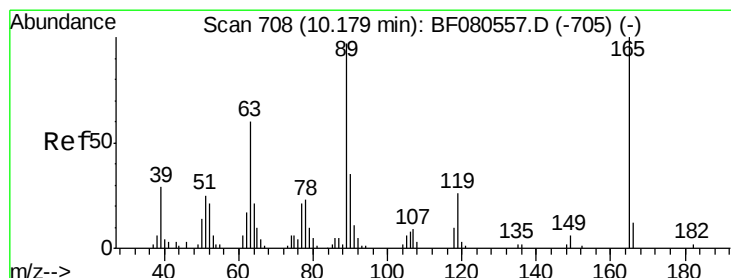
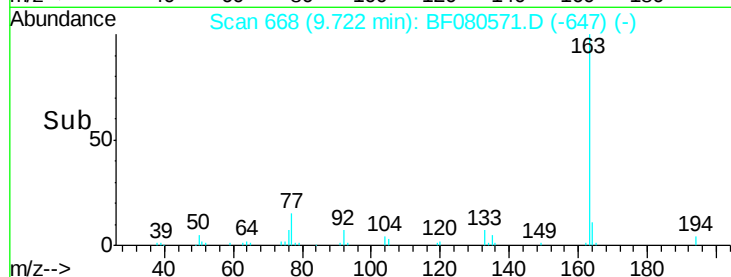
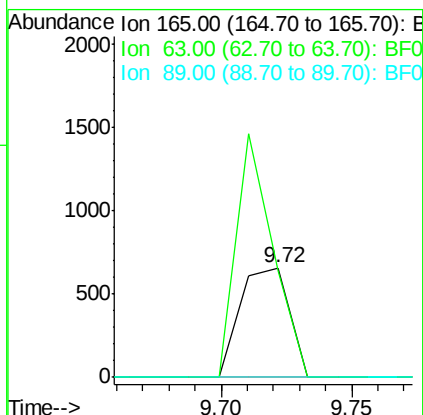
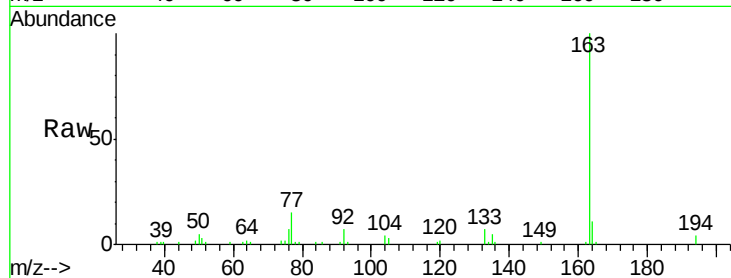




#50
 2,6-Dinitrotoluene
 Concen: 4.96 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.06 min
 Lab File: BF080571.D
 Acq: 22 Jul 2015 23:39

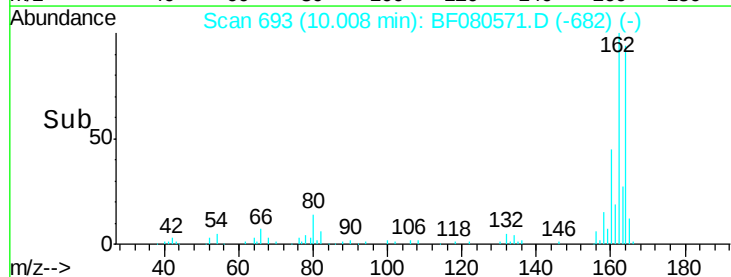
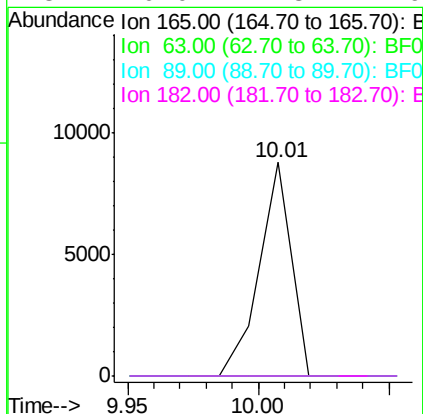
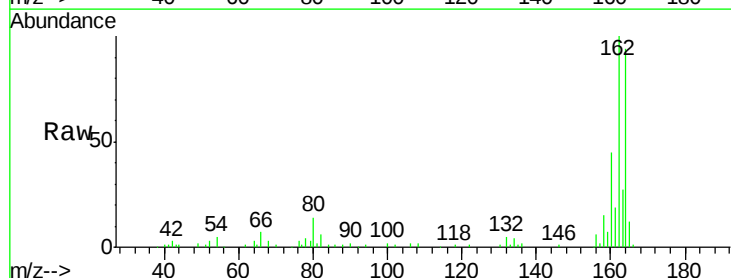
Instrument :
 BNA_F
 ClientSampleId :
 SB-4(4-6)

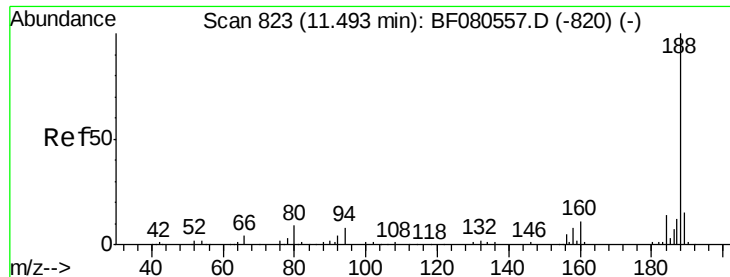
Tgt Ion:165 Resp: 870
 Ion Ratio Lower Upper
 165 100
 63 97.1 59.0 88.6#
 89 0.0 56.9 85.3#



#56
 2,4-Dinitrotoluene
 Concen: 16.39 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.17 min
 Lab File: BF080571.D
 Acq: 22 Jul 2015 23:39

Tgt Ion:165 Resp: 7433
 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#

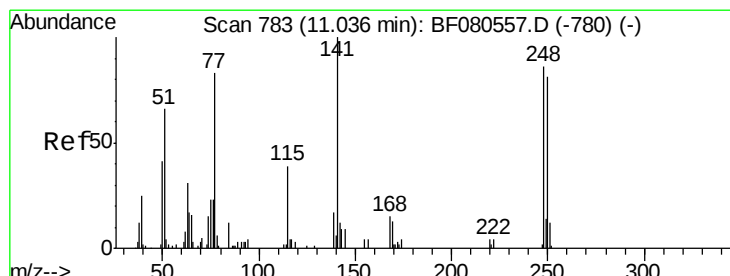
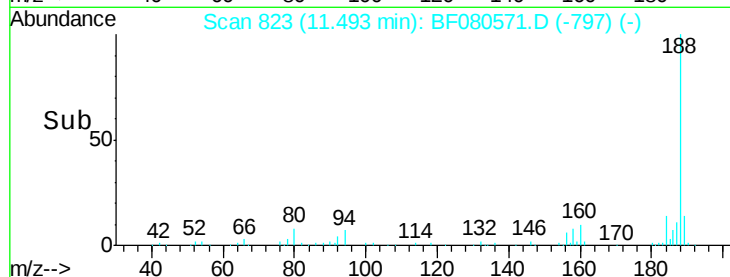
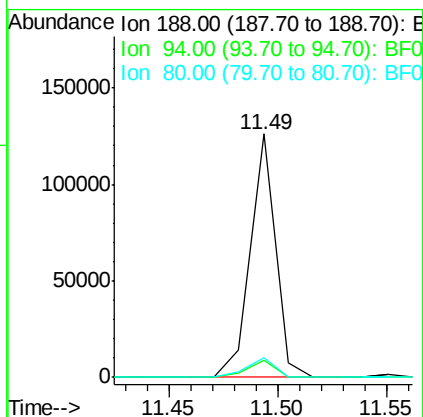
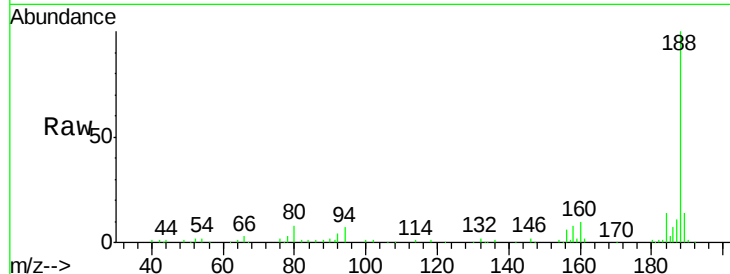




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF080571.D
Acq: 22 Jul 2015 23:39

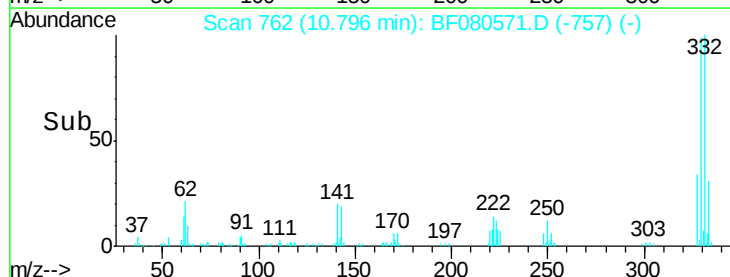
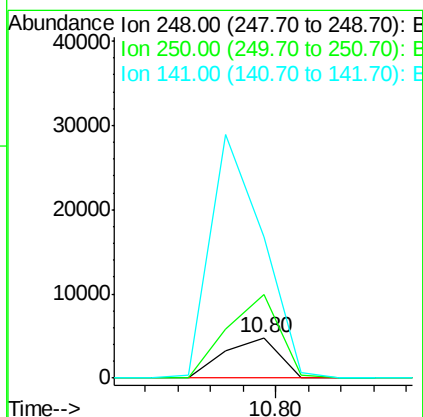
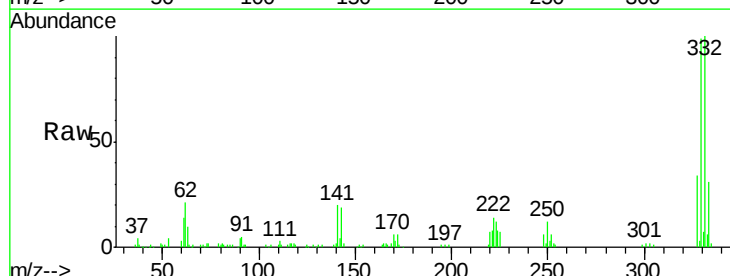
Instrument :
BNA_F
ClientSampleId :
SB-4(4-6)

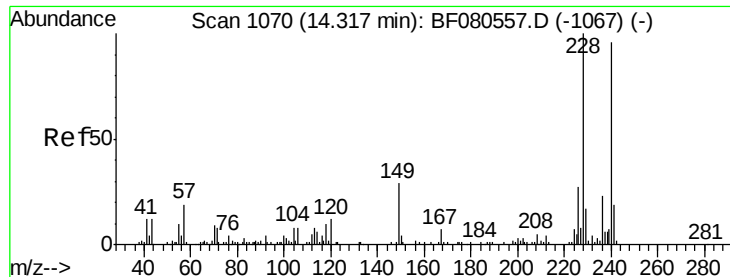
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.1	9.1
80	8.2	7.0	10.6



#66
4-Bromophenyl-phenylether
Concen: 5.64 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF080571.D
Acq: 22 Jul 2015 23:39

Tgt Ion	Ratio	Lower	Upper
248	100		
250	207.0	75.4	113.2#
141	352.0	93.4	140.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.25 min Scan# 1064

Delta R.T. -0.07 min

Lab File: BF080571.D

Acq: 22 Jul 2015 23:39

Instrument :

BNA_F

ClientSampleId :

SB-4(4-6)

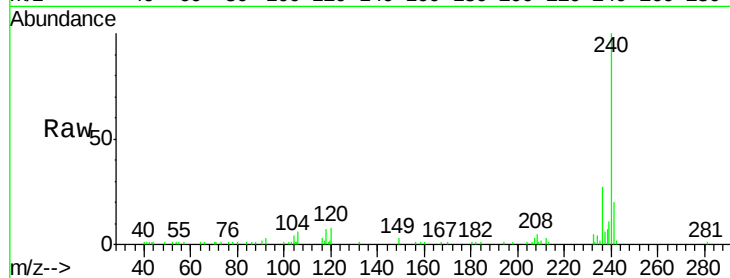
Tgt Ion:240 Resp: 61698

Ion Ratio Lower Upper

240 100

120 7.7 9.9 14.9#

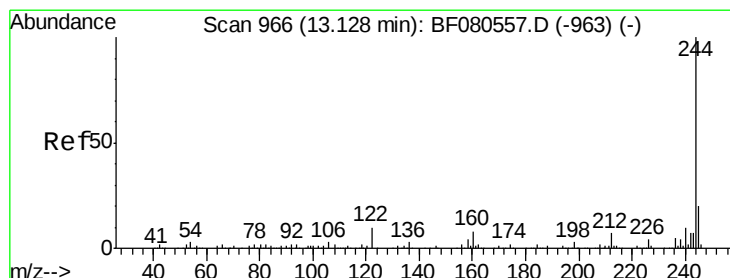
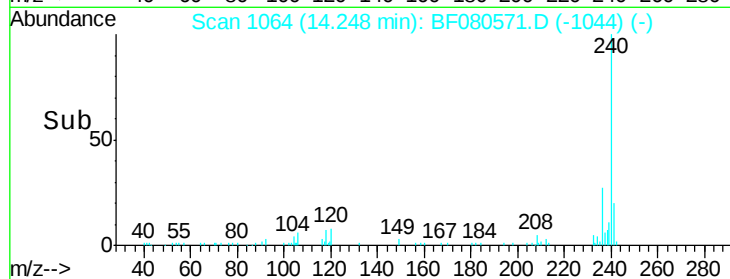
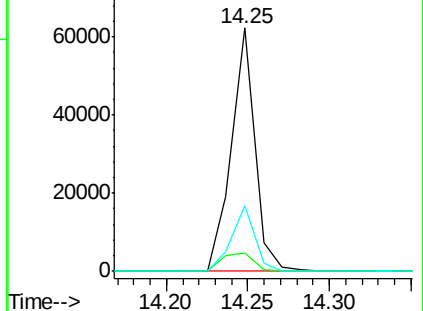
236 26.8 19.1 28.7



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: 130.49 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.02 min

Lab File: BF080571.D

Acq: 22 Jul 2015 23:39

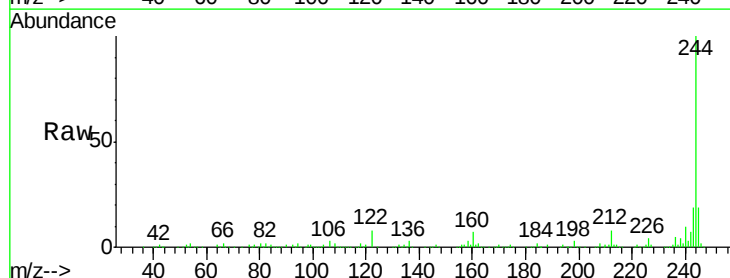
Tgt Ion:244 Resp: 392603

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

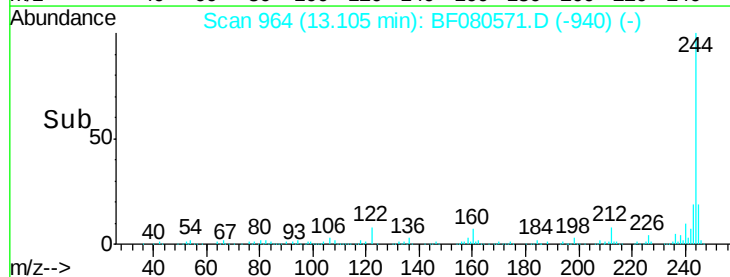
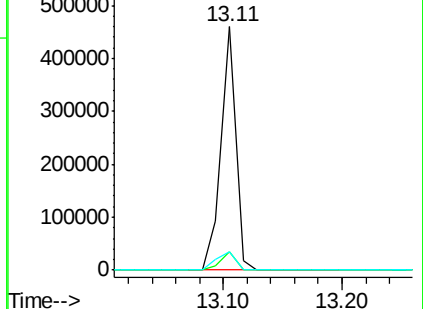
122 7.7 8.2 12.2#

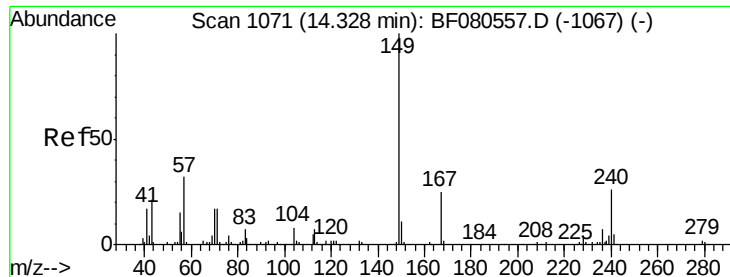


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.66 ng

RT: 14.25 min Scan# 1064

Delta R.T. -0.08 min

Lab File: BF080571.D

Acq: 22 Jul 2015 23:39

Instrument :

BNA_F

ClientSampleId :

SB-4(4-6)

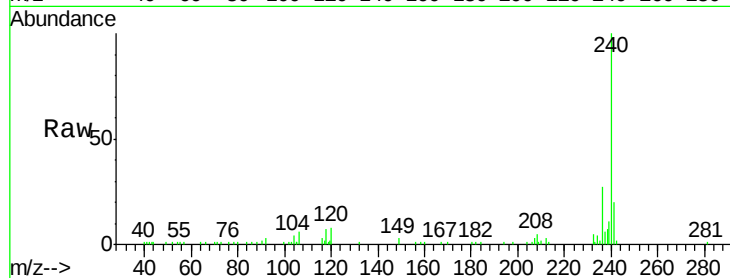
Tgt Ion:149 Resp: 1408

Ion Ratio Lower Upper

149 100

167 25.7 20.2 30.2

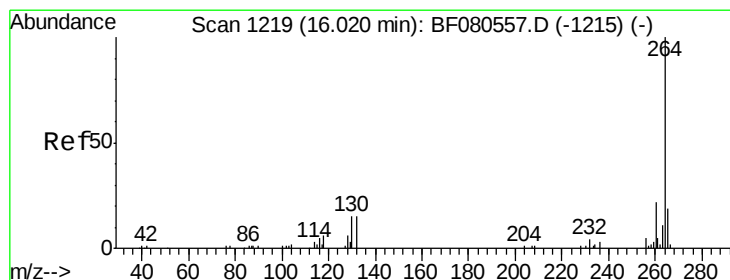
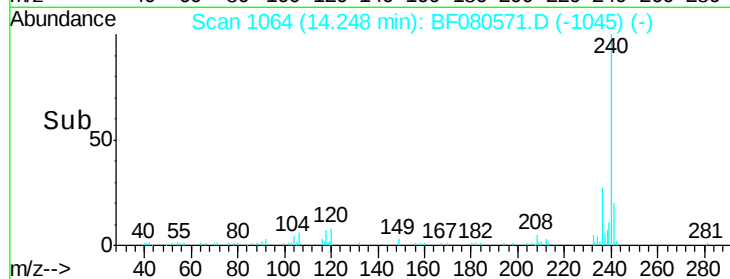
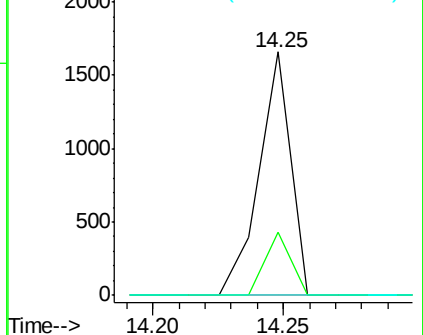
279 0.0 2.0 3.0#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.88 min Scan# 1207

Delta R.T. -0.14 min

Lab File: BF080571.D

Acq: 22 Jul 2015 23:39

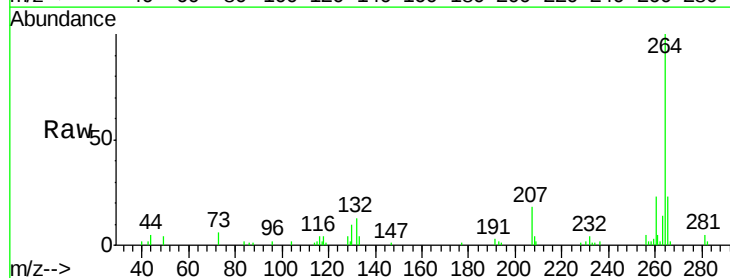
Tgt Ion:264 Resp: 36507

Ion Ratio Lower Upper

264 100

260 23.2 17.8 26.8

265 22.5 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

