

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
 Data File : BF080575.D
 Acq On : 23 Jul 2015 1:35
 Operator : TP/UM
 Sample : G3027-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-13.0-13.5

Quant Time: Jul 23 05:49:32 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

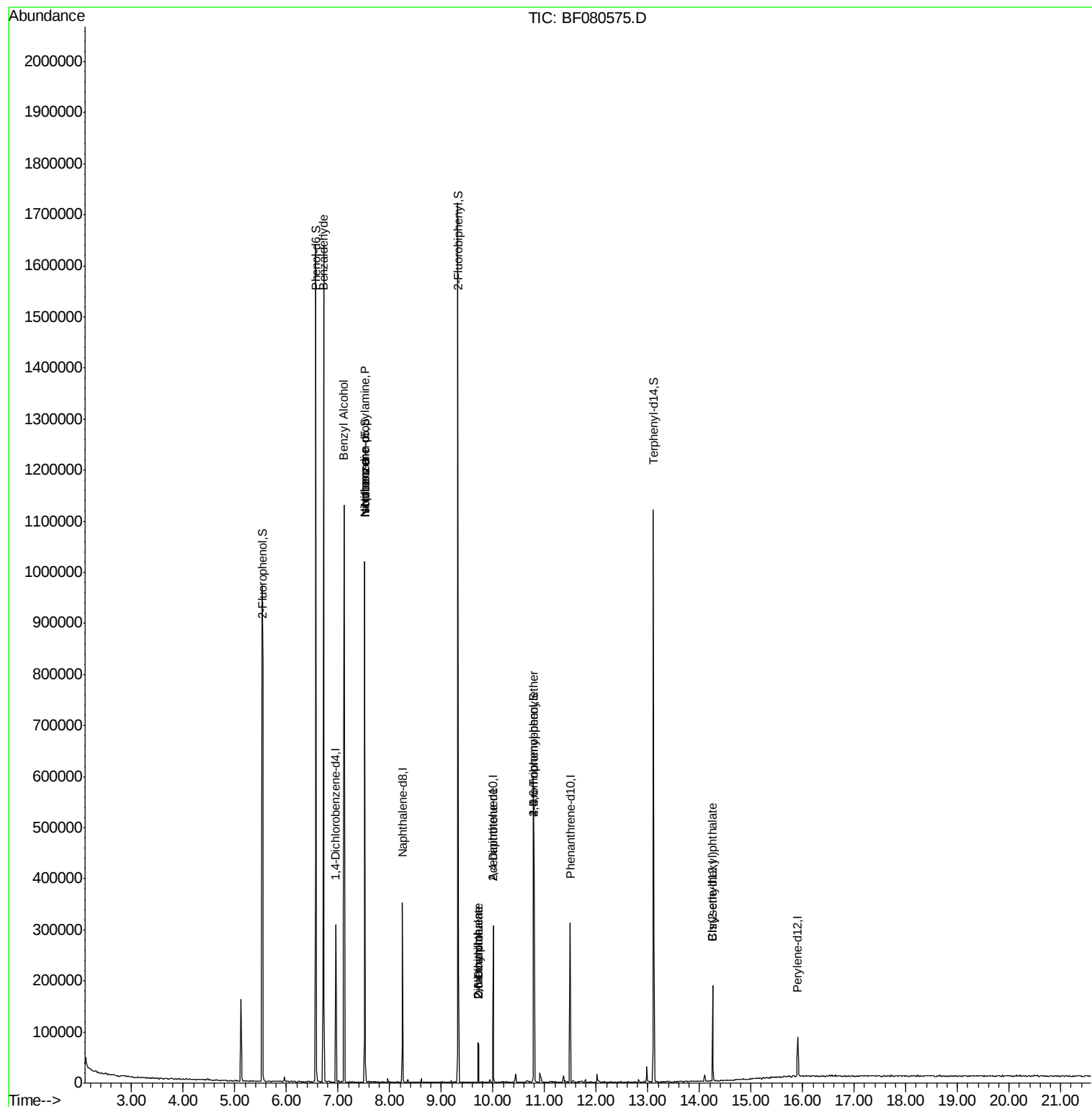
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	35750	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	140022	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	59396	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	107052	20.00	ng	0.00
75) Chrysene-d12	14.26	240	66991	20.00	ng	-0.06
86) Perylene-d12	15.91	264	38079	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	320545	159.00	ng	0.01
7) Phenol-d6	6.57	99	441210	177.71	ng	0.00
23) Nitrobenzene-d5	7.52	82	244915	112.66	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	75566	167.94	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	438335	106.12	ng	0.00
78) Terphenyl-d14	13.11	244	331390	101.44	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.72	77	9507	5.09	ng	81
15) Benzyl Alcohol	7.12	79	4894	2.38	ng	# 45
19) n-Nitroso-di-n-propylamine	7.52	70	34663	21.74	ng	# 78
24) Nitrobenzene	7.52	77	662	4.56	ng	# 30
25) Isophorone	7.52	82	227354	49.52	ng	# 66
47) 2-Nitroaniline	9.71	65	405	3.04	ng	# 1
49) Dimethylphthalate	9.72	163	43749	10.49	ng	# 97
50) 2,6-Dinitrotoluene	9.72	165	673	4.67	ng	# 56
56) 2,4-Dinitrotoluene	10.01	165	7440	16.20	ng	# 10
66) 4-Bromophenyl-phenylether	10.80	248	4955	4.81	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.26	149	462	3.26	ng	# 54

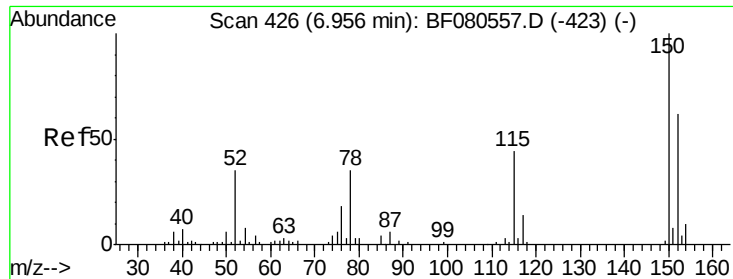
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
Data File : BF080575.D
Acq On : 23 Jul 2015 1:35
Operator : TP/UM
Sample : G3027-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04-13.0-13.5

Quant Time: Jul 23 05:49:32 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF080575.D

Acq: 23 Jul 2015 1:35

Instrument :

BNA_F

ClientSampleId :

SB-04-13.0-13.5

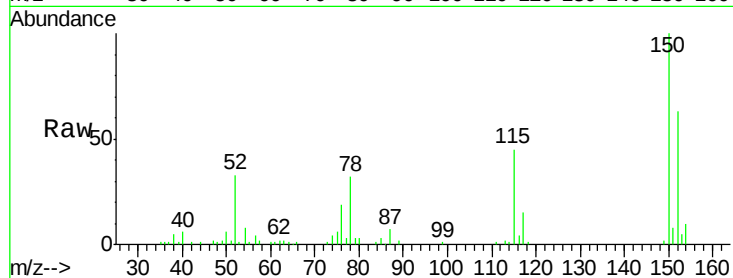
Tgt Ion:152 Resp: 35750

Ion Ratio Lower Upper

152 100

150 159.0 128.7 193.1

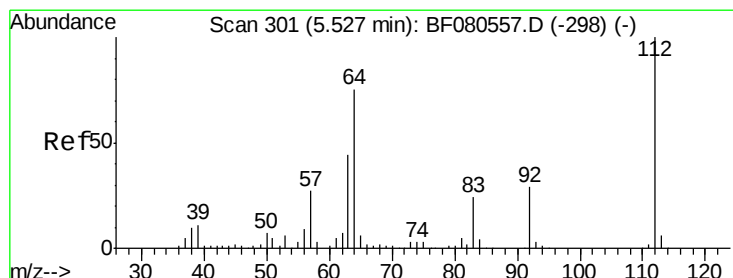
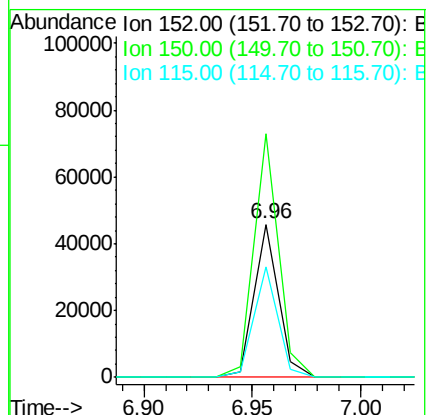
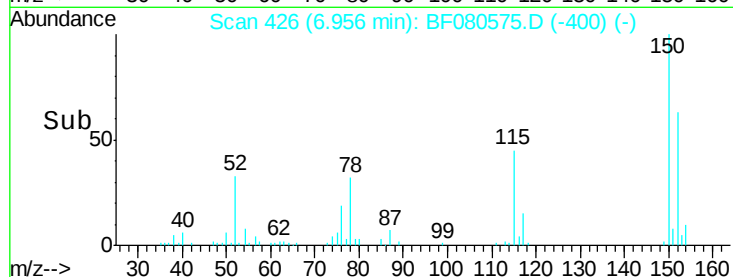
115 72.3 56.8 85.2



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: 159.00 ng

RT: 5.54 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF080575.D

Acq: 23 Jul 2015 1:35

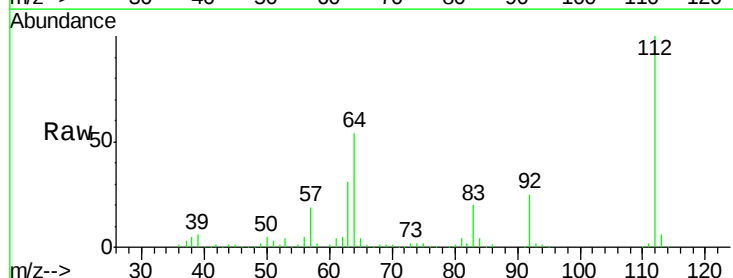
Tgt Ion:112 Resp: 320545

Ion Ratio Lower Upper

112 100

64 53.7 60.2 90.2#

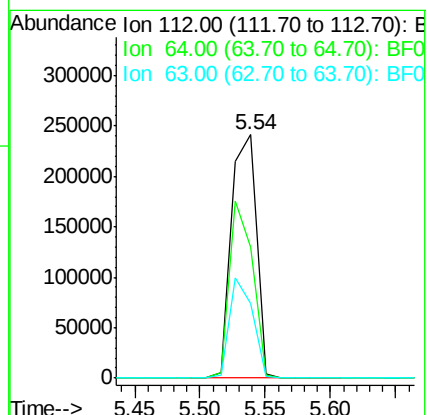
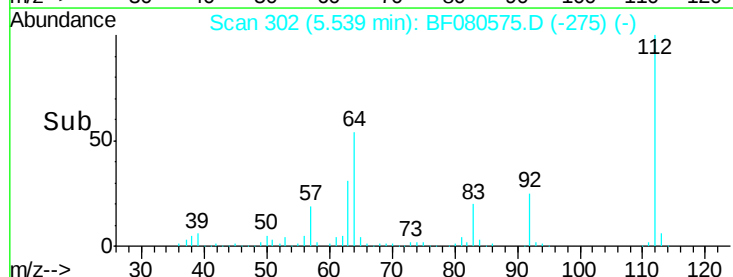
63 30.7 34.8 52.2#

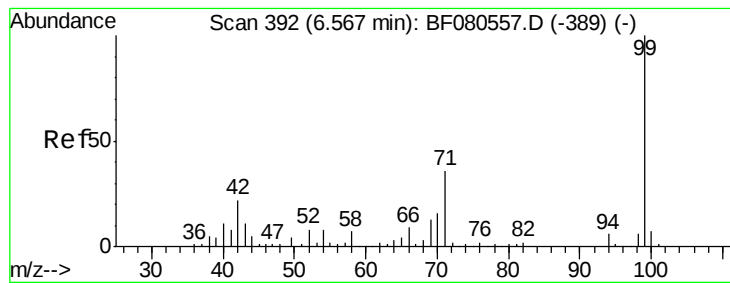


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 177.71 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF080575.D

Acq: 23 Jul 2015 1:35

Instrument :

BNA_F

ClientSampleId :

SB-04-13.0-13.5

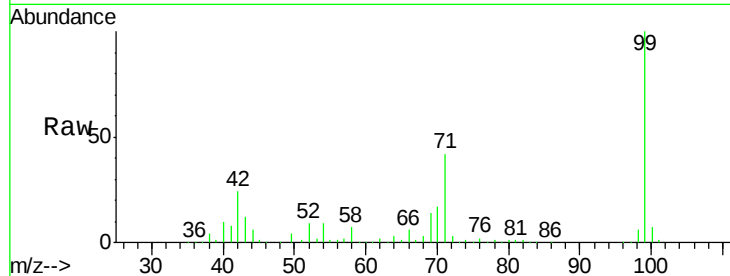
Tgt Ion: 99 Resp: 441210

Ion Ratio Lower Upper

99 100

42 24.2 17.4 26.2

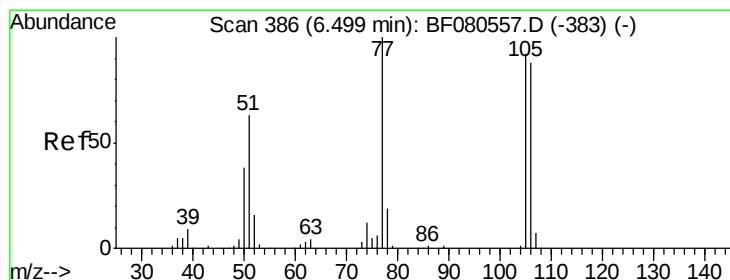
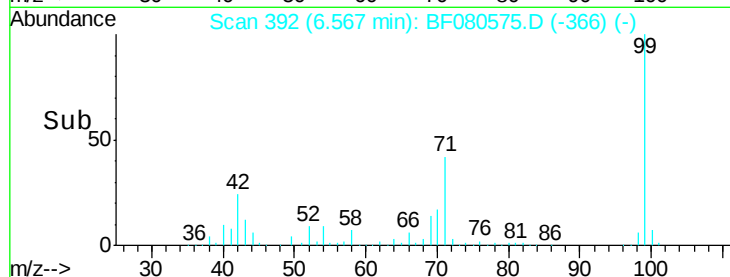
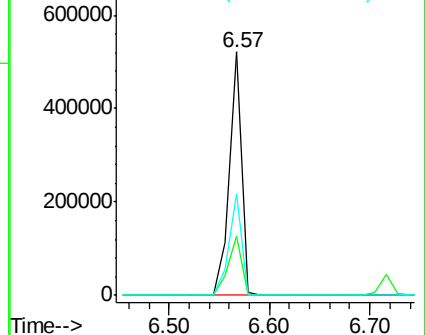
71 41.6 29.0 43.6



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



#9

Benzaldehyde

Concen: 5.09 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.22 min

Lab File: BF080575.D

Acq: 23 Jul 2015 1:35

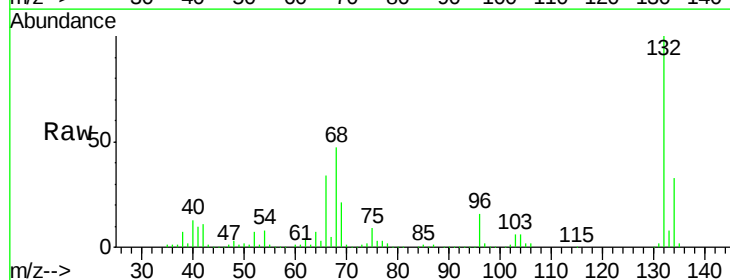
Tgt Ion: 77 Resp: 9507

Ion Ratio Lower Upper

77 100

105 73.7 72.3 112.3

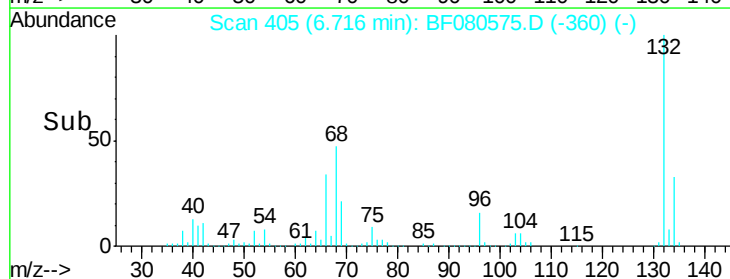
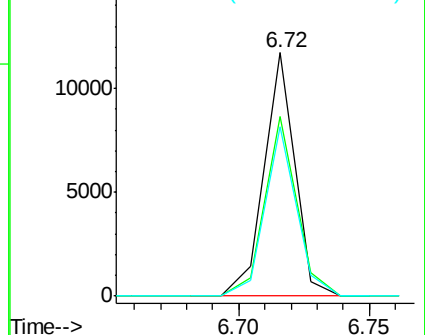
106 69.5 67.5 107.5

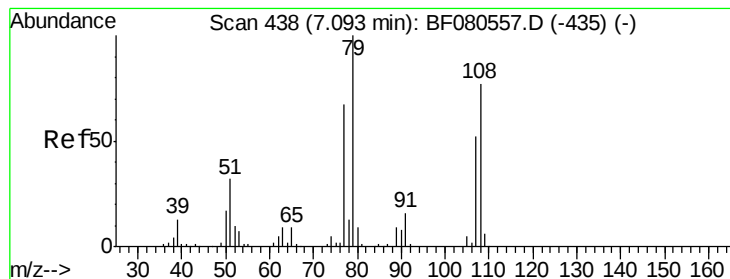


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.38 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.02 min

Lab File: BF080575.D

Acq: 23 Jul 2015 1:35

Instrument :

BNA_F

ClientSampleId :

SB-04-13.0-13.5

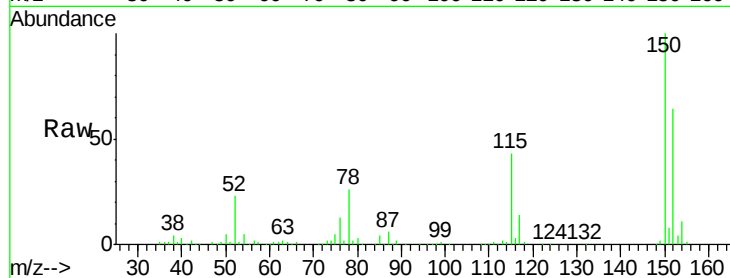
Tgt Ion: 79 Resp: 4894

Ion Ratio Lower Upper

79 100

108 25.5 61.5 92.3#

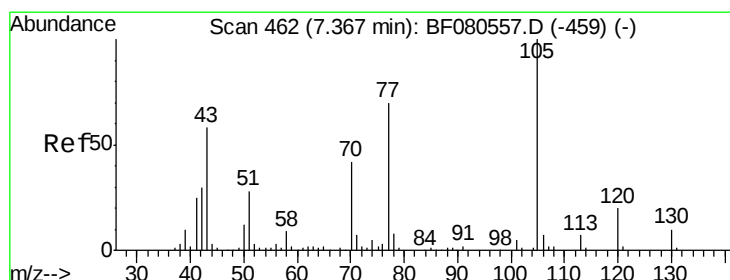
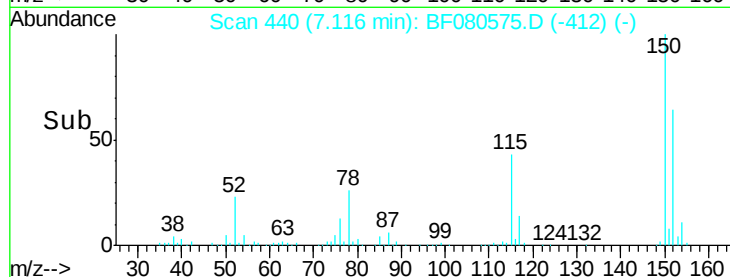
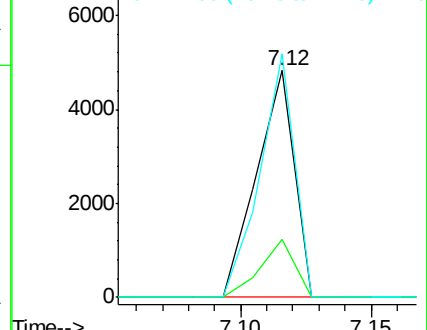
77 107.3 53.6 80.4#



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: 21.74 ng

RT: 7.52 min Scan# 475

Delta R.T. 0.15 min

Lab File: BF080575.D

Acq: 23 Jul 2015 1:35

Tgt Ion: 70 Resp: 34663

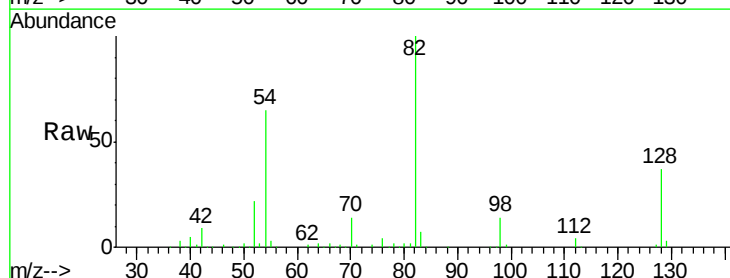
Ion Ratio Lower Upper

70 100

42 61.5 56.6 85.0

101 0.0 9.7 14.5#

130 0.0 19.1 28.7#

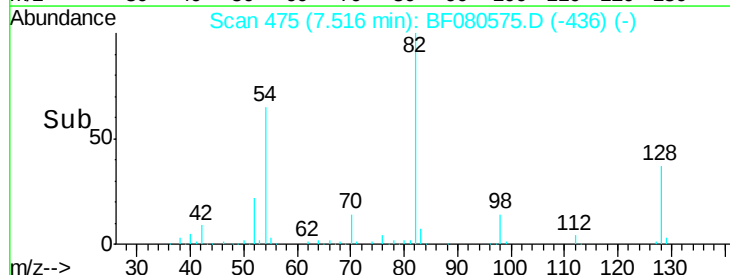
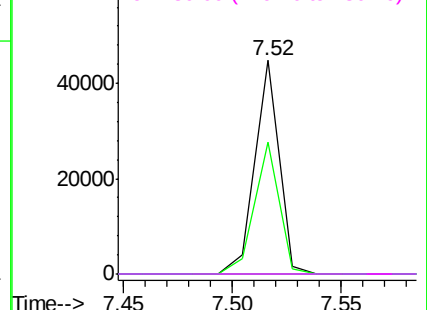


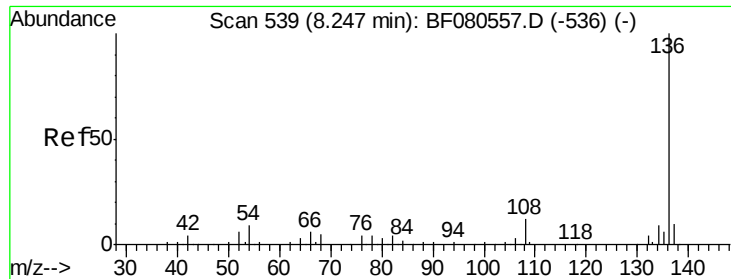
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

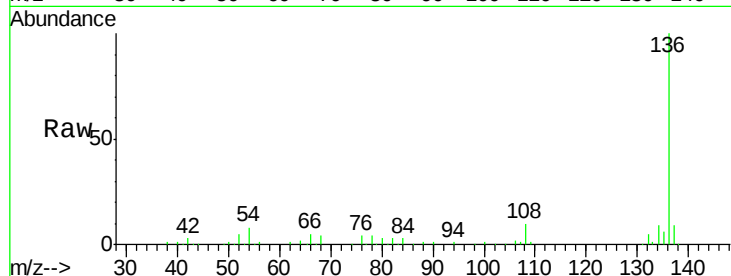




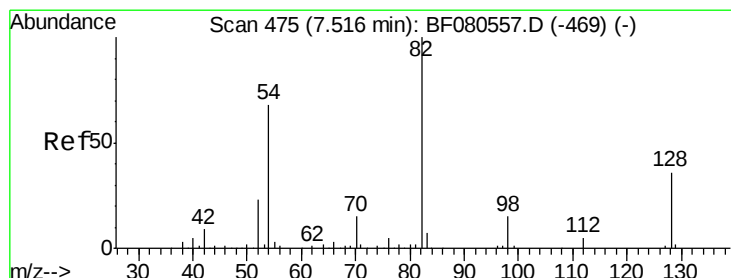
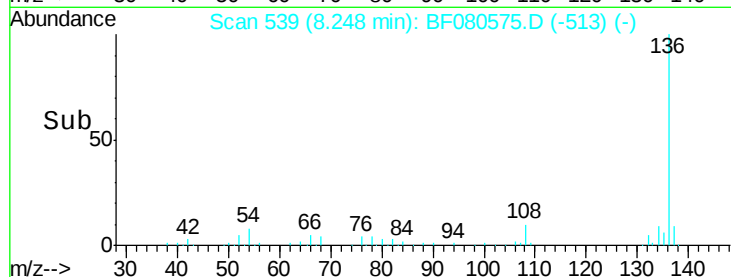
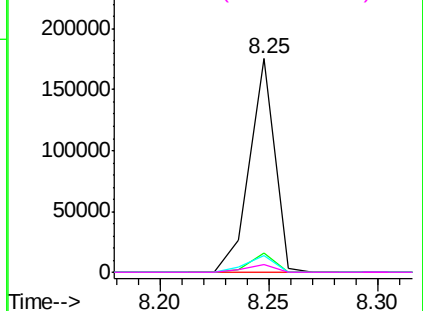
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF080575.D
Acq: 23 Jul 2015 1:35

Instrument :
BNA_F
ClientSampleId :
SB-04-13.0-13.5

Tgt Ion:	136	Resp:	140022
Ion	Ratio	Lower	Upper
136	100		
137	9.3	7.8	11.8
54	7.7	7.2	10.8
68	3.8	3.8	5.6

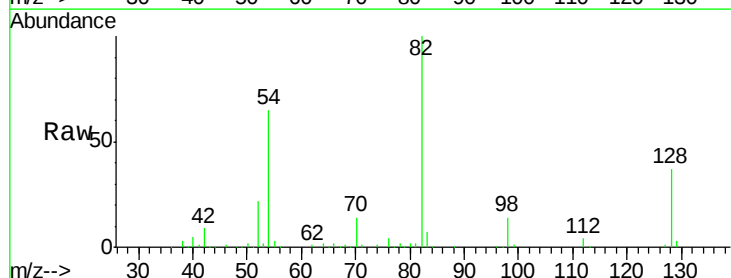


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

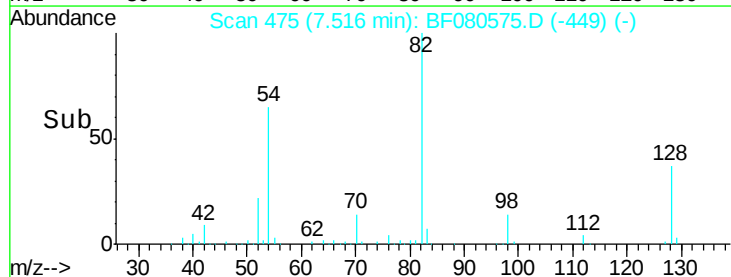
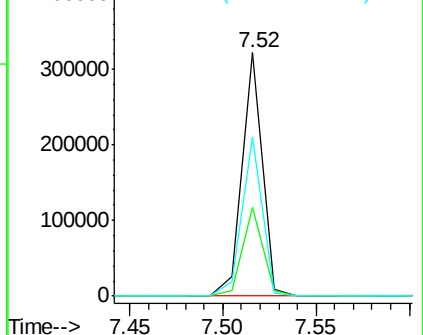


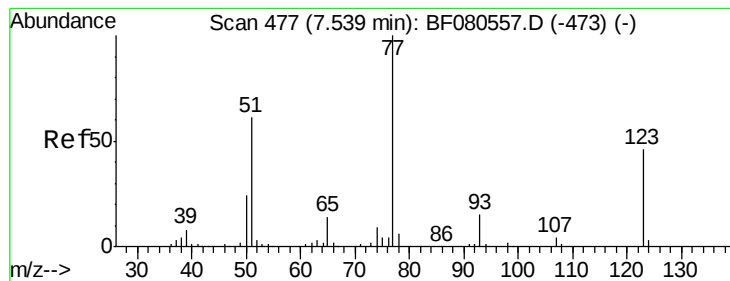
#23
Nitrobenzene-d5
Concen: 112.66 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.00 min
Lab File: BF080575.D
Acq: 23 Jul 2015 1:35

Tgt Ion:	82	Resp:	244915
Ion	Ratio	Lower	Upper
82	100		
128	36.6	28.9	43.3
54	65.2	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





#24

Nitrobenzene

Concen: 4.56 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF080575.D

Acq: 23 Jul 2015 1:35

Instrument :

BNA_F

ClientSampleId :

SB-04-13.0-13.5

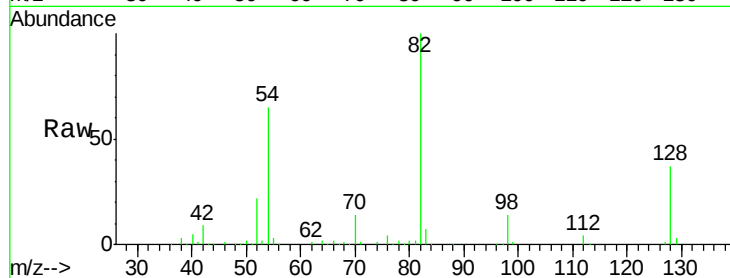
Tgt Ion: 77 Resp: 662

Ion Ratio Lower Upper

77 100

123 0.0 37.1 55.7#

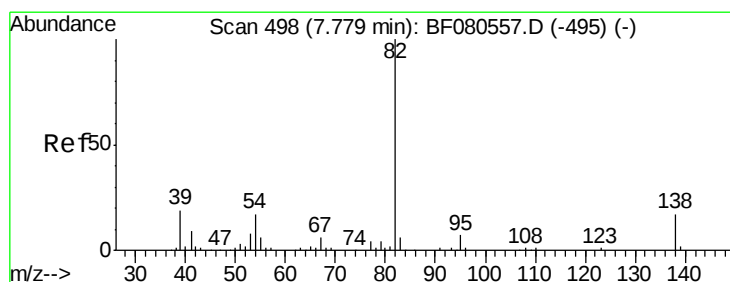
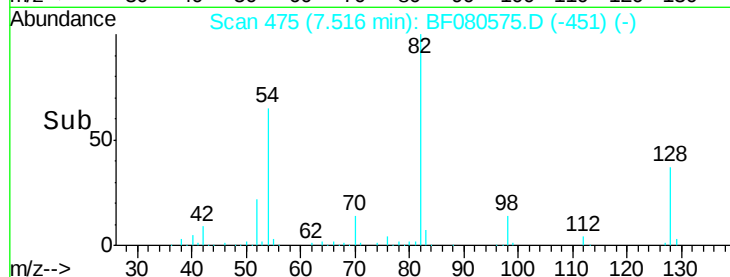
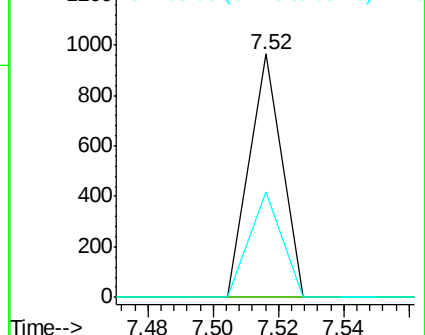
65 43.4 11.4 17.2#



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: 49.52 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.26 min

Lab File: BF080575.D

Acq: 23 Jul 2015 1:35

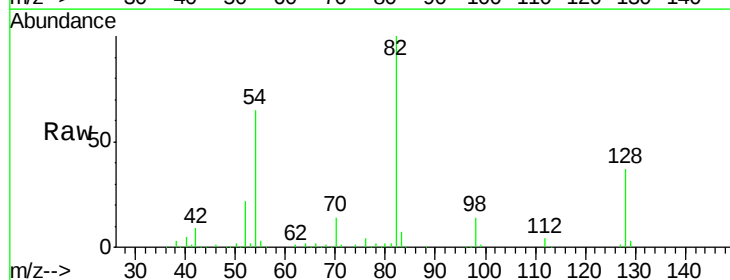
Tgt Ion: 82 Resp: 227354

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

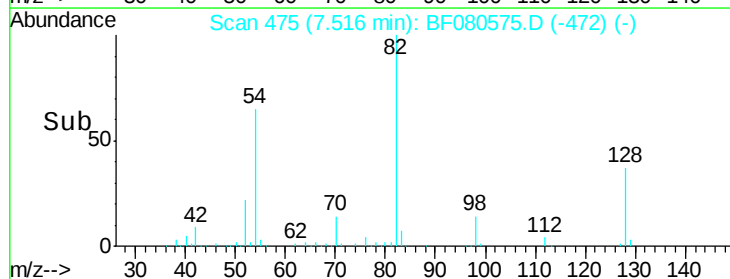
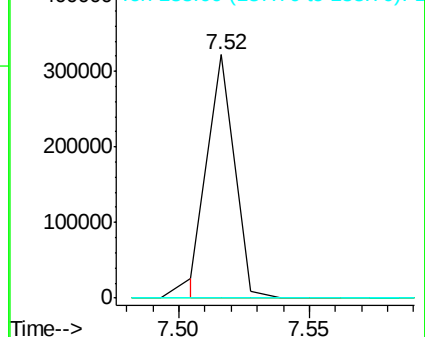
138 0.0 13.4 20.2#

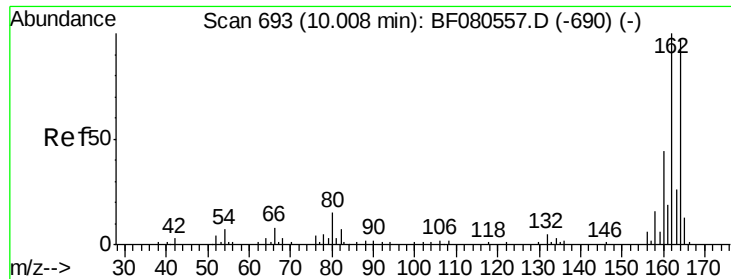


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

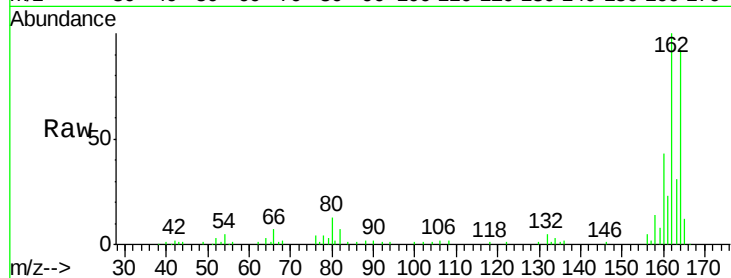




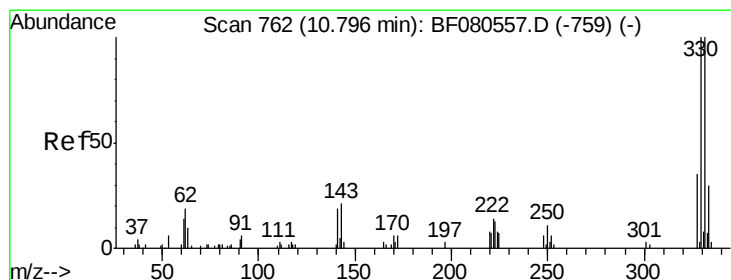
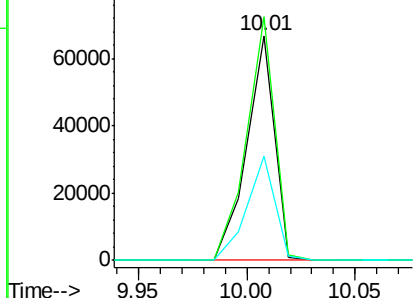
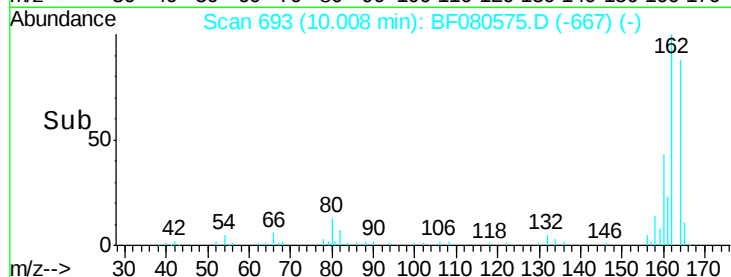
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF080575.D
Acq: 23 Jul 2015 1:35

Instrument :
BNA_F
ClientSampleId :
SB-04-13.0-13.5

Tgt Ion:164 Resp: 59396
Ion Ratio Lower Upper
164 100
162 108.2 82.2 123.4
160 46.1 36.1 54.1

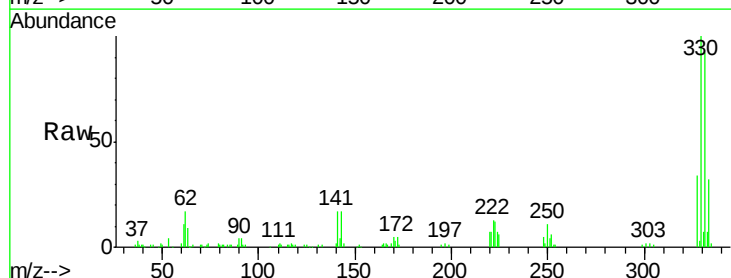


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

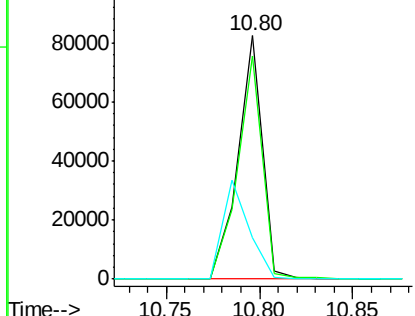
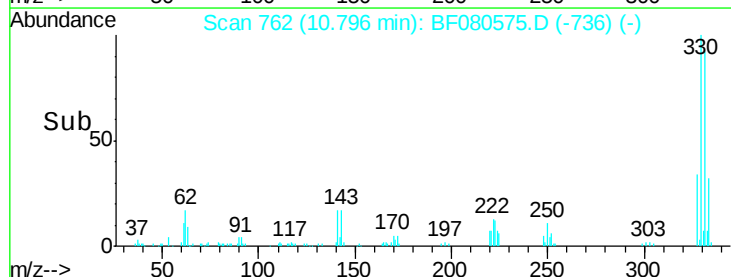


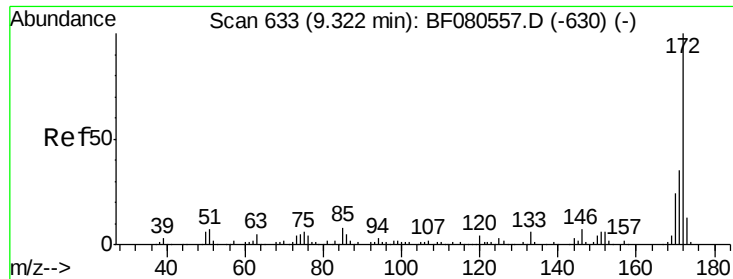
#41
2,4,6-Tribromophenol
Concen: 167.94 ng
RT: 10.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF080575.D
Acq: 23 Jul 2015 1:35

Tgt Ion:330 Resp: 75566
Ion Ratio Lower Upper
330 100
332 92.9 78.3 117.5
141 43.8 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

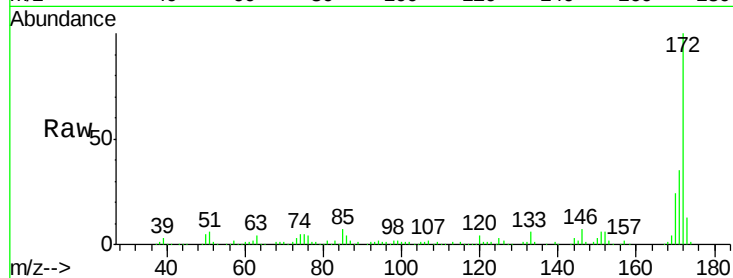




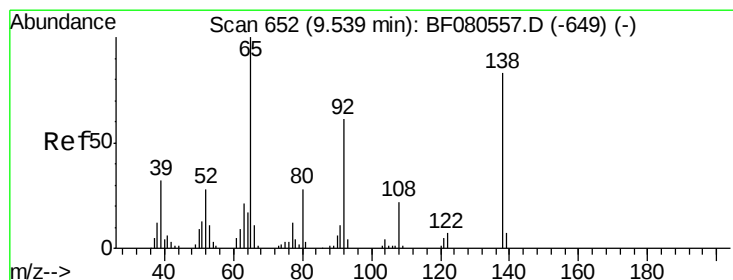
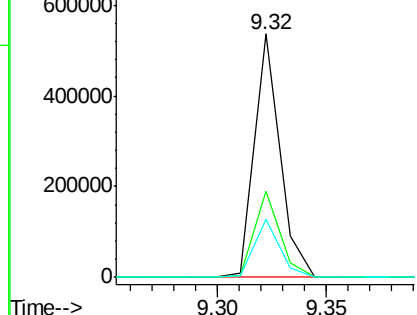
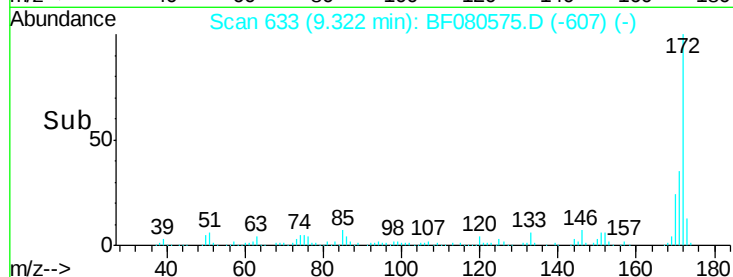
#44
 2-Fluorobiphenyl
 Concen: 106.12 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF080575.D
 Acq: 23 Jul 2015 1:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-13.0-13.5

Tgt Ion: 172 Resp: 438335
 Ion Ratio Lower Upper
 172 100
 171 35.4 27.7 41.5
 170 23.7 19.1 28.7

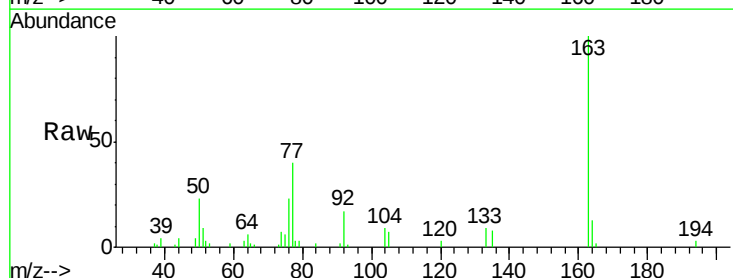


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

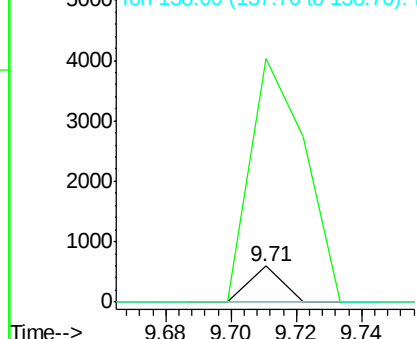
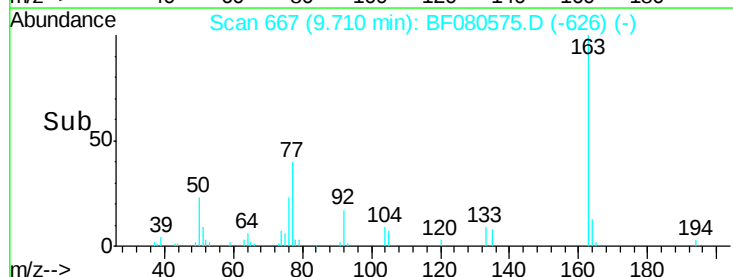


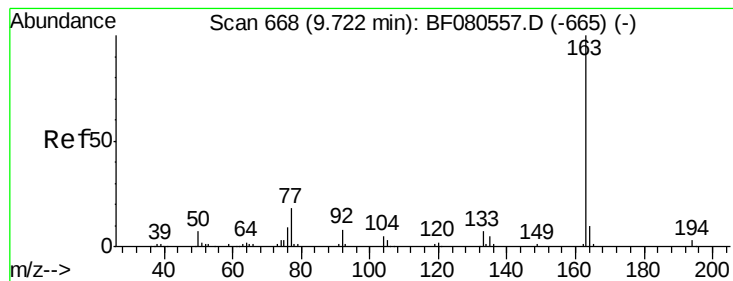
#47
 2-Nitroaniline
 Concen: 3.04 ng
 RT: 9.71 min Scan# 667
 Delta R.T. 0.17 min
 Lab File: BF080575.D
 Acq: 23 Jul 2015 1:35

Tgt Ion: 65 Resp: 405
 Ion Ratio Lower Upper
 65 100
 92 681.9 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: 10.49 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF080575.D

Acq: 23 Jul 2015 1:35

Instrument :

BNA_F

ClientSampleId :

SB-04-13.0-13.5

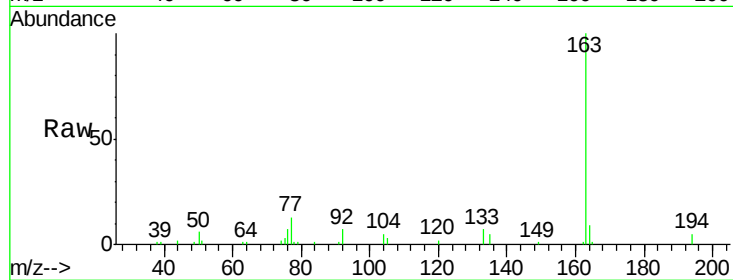
Tgt Ion:163 Resp: 43749

Ion Ratio Lower Upper

163 100

194 4.6 2.5 3.7#

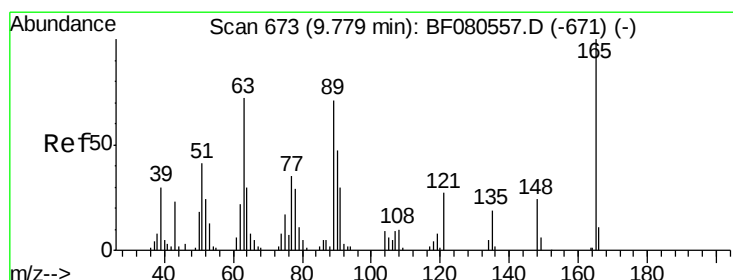
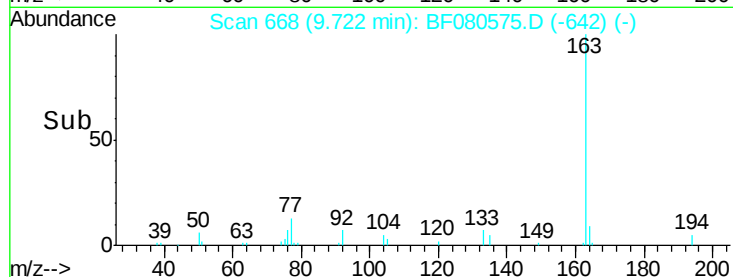
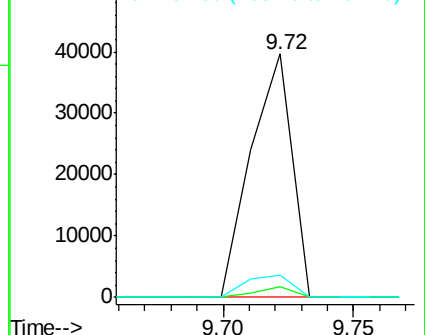
164 9.1 8.1 12.1



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: 4.67 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.06 min

Lab File: BF080575.D

Acq: 23 Jul 2015 1:35

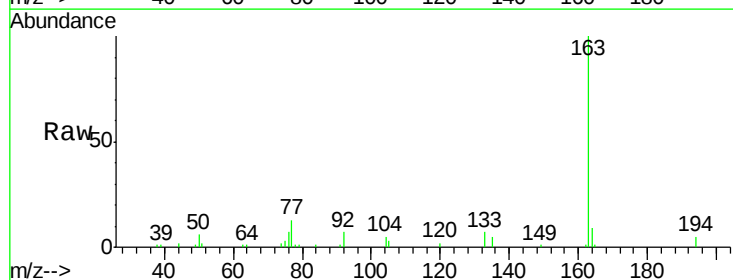
Tgt Ion:165 Resp: 673

Ion Ratio Lower Upper

165 100

63 71.5 59.0 88.6

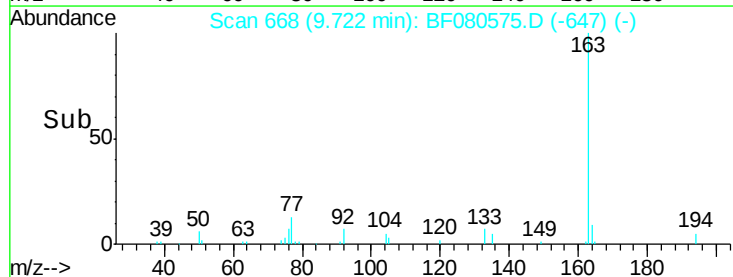
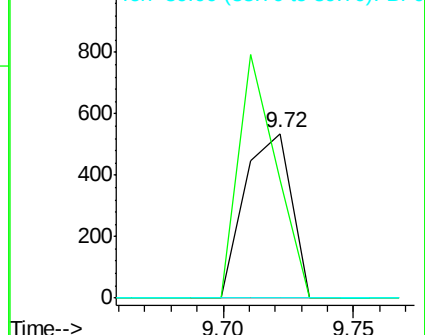
89 0.0 56.9 85.3#

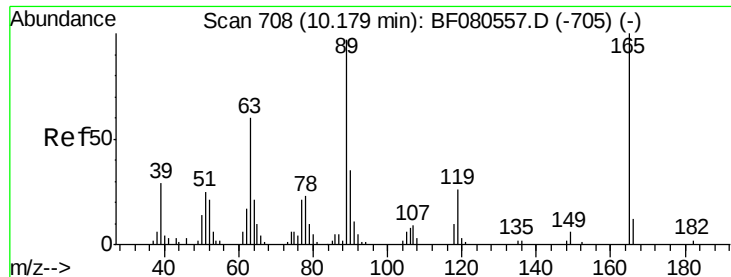


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

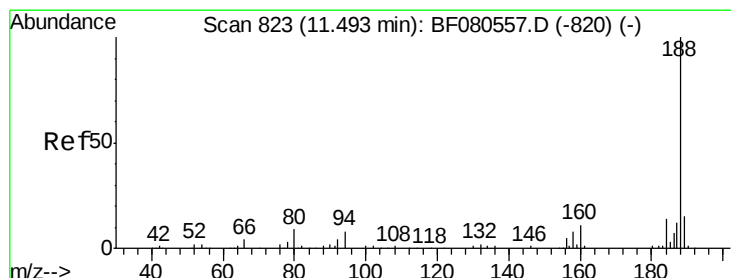
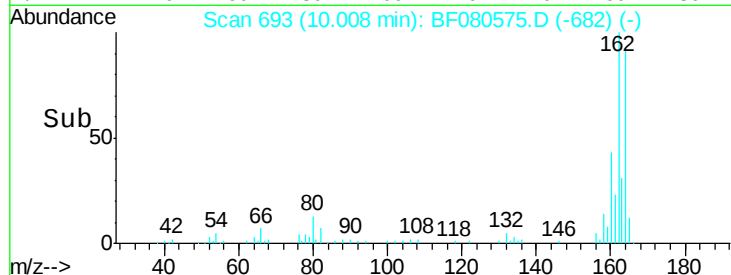
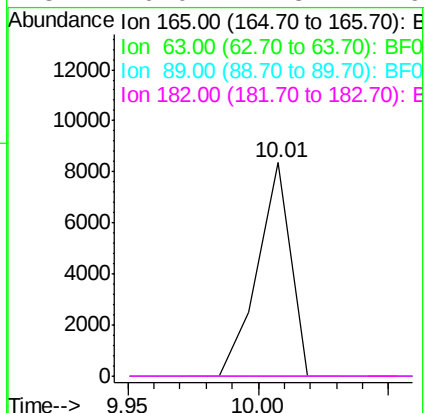
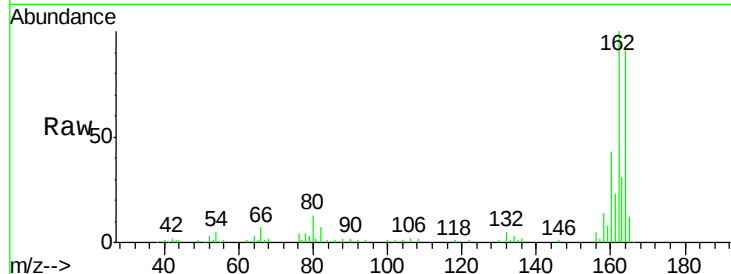




#56
 2,4-Dinitrotoluene
 Concen: 16.20 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.17 min
 Lab File: BF080575.D
 Acq: 23 Jul 2015 1:35

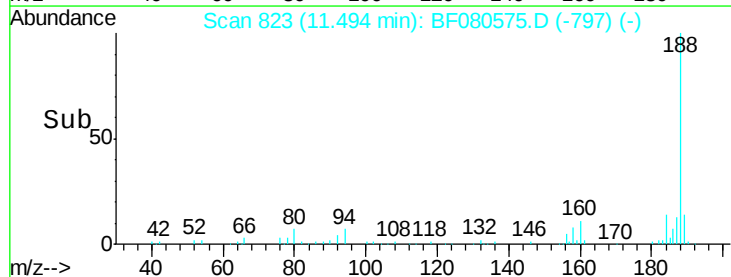
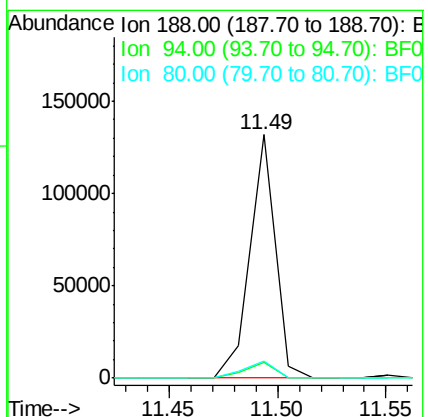
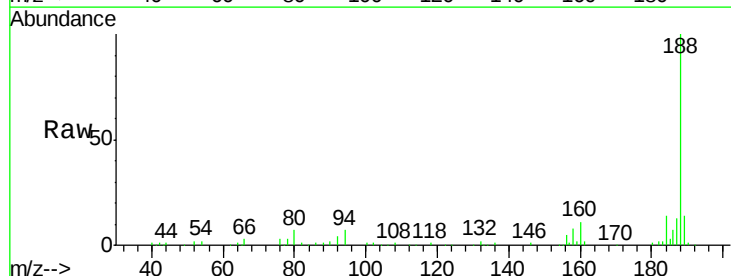
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-13.0-13.5

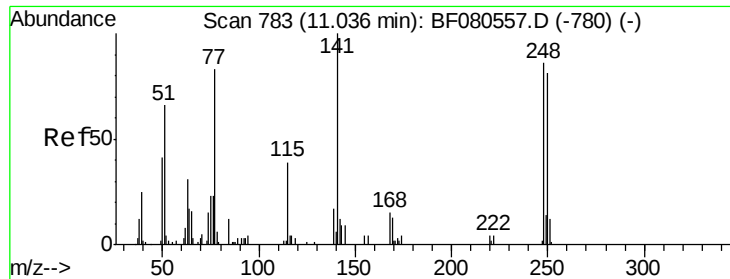
Tgt Ion:165 Resp: 7440
 Ion Ratio Lower Upper
 165 100
 63 0.0 48.1 72.1#
 89 0.0 77.4 116.0#
 182 0.0 1.3 1.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF080575.D
 Acq: 23 Jul 2015 1:35

Tgt Ion:188 Resp: 107052
 Ion Ratio Lower Upper
 188 100
 94 6.5 6.1 9.1
 80 7.1 7.0 10.6

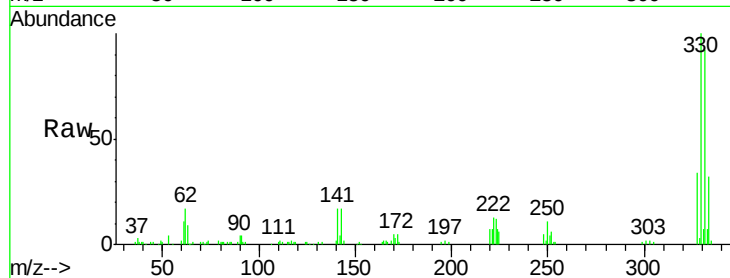




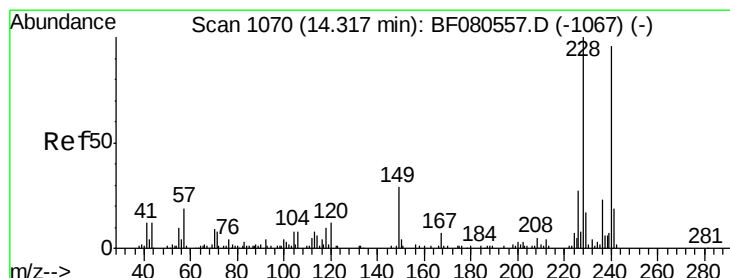
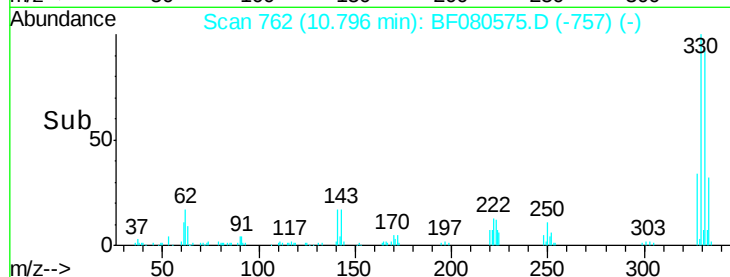
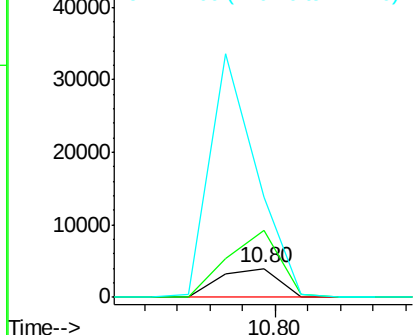
#66
4-Bromophenyl-phenylether
Concen: 4.81 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF080575.D
Acq: 23 Jul 2015 1:35

Instrument :
BNA_F
ClientSampleId :
SB-04-13.0-13.5

Tgt Ion: 248 Resp: 4955
Ion Ratio Lower Upper
248 100
250 227.5 75.4 113.2#
141 343.0 93.4 140.0#

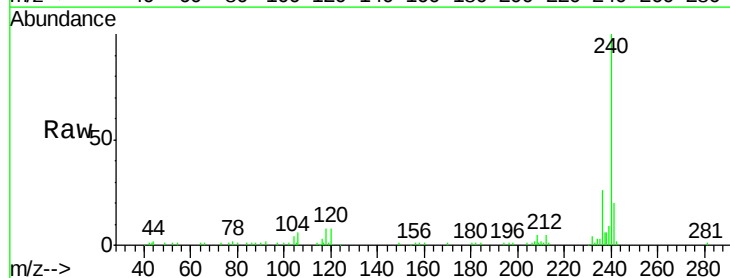


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

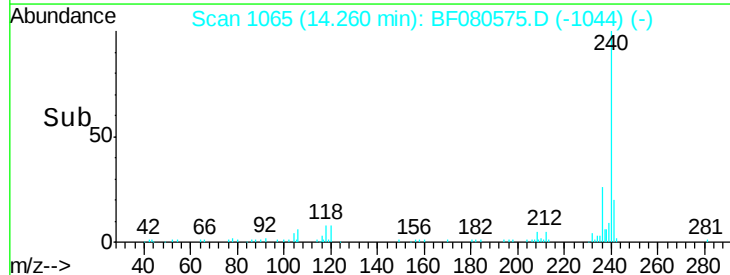
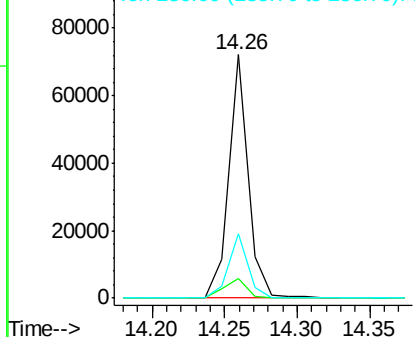


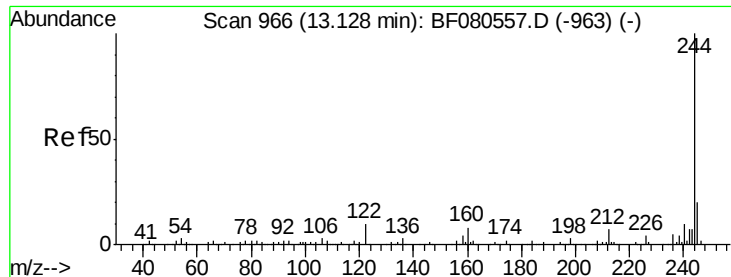
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.26 min Scan# 1065
Delta R.T. -0.06 min
Lab File: BF080575.D
Acq: 23 Jul 2015 1:35

Tgt Ion: 240 Resp: 66991
Ion Ratio Lower Upper
240 100
120 8.1 9.9 14.9#
236 26.4 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

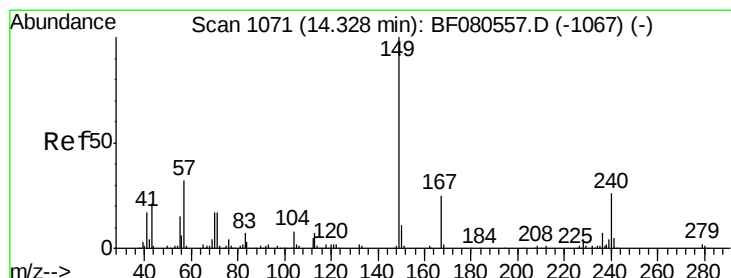
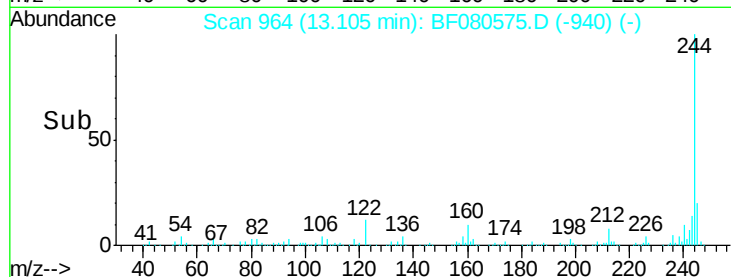
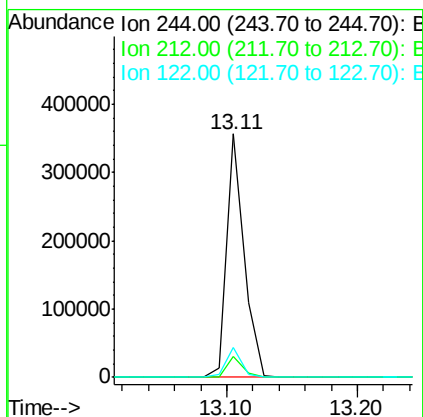
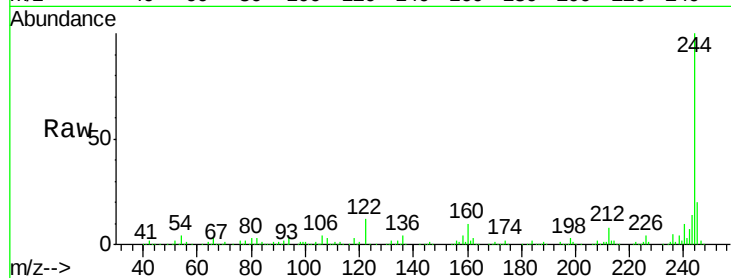




#78
 Terphenyl-d14
 Concen: 101.44 ng
 RT: 13.11 min Scan# 964
 Delta R.T. -0.02 min
 Lab File: BF080575.D
 Acq: 23 Jul 2015 1:35

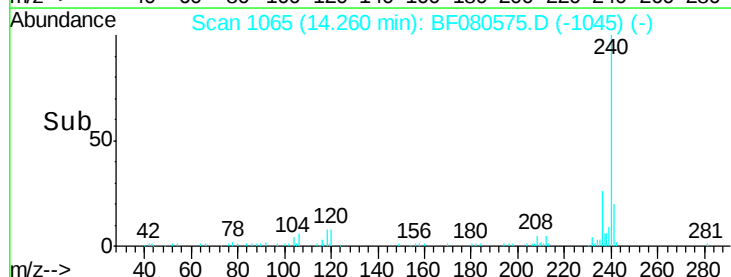
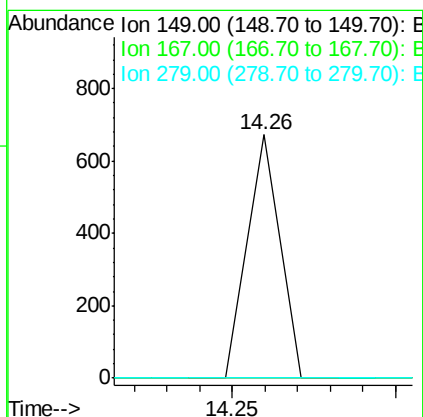
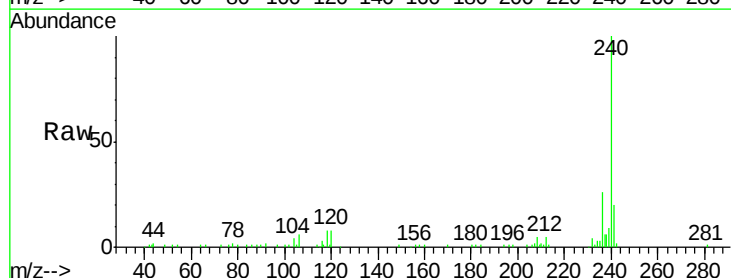
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-13.0-13.5

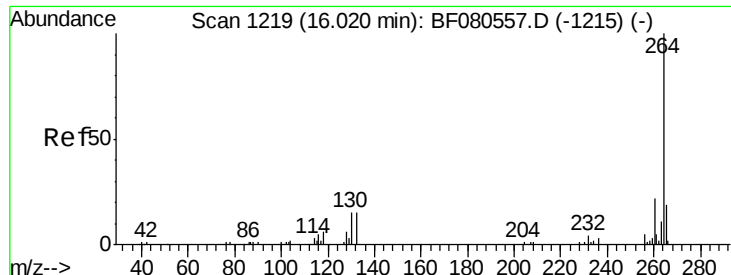
Tgt Ion: 244 Resp: 331390
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.0 9.0
 122 12.3 8.2 12.2#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.26 ng
 RT: 14.26 min Scan# 1065
 Delta R.T. -0.07 min
 Lab File: BF080575.D
 Acq: 23 Jul 2015 1:35

Tgt Ion: 149 Resp: 462
 Ion Ratio Lower Upper
 149 100
 167 0.0 20.2 30.2#
 279 0.0 2.0 3.0#

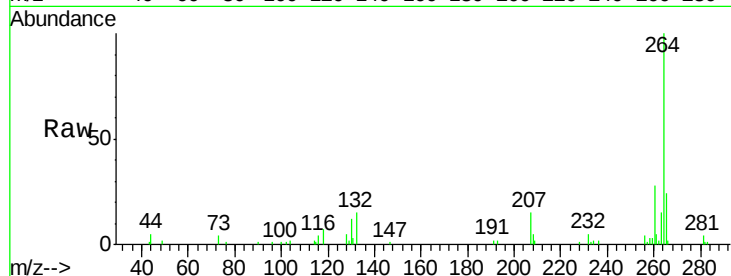




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.91 min Scan# 1209
Delta R.T. -0.11 min
Lab File: BF080575.D
Acq: 23 Jul 2015 1:35

Instrument :
BNA_F
ClientSampleId :
SB-04-13.0-13.5

Tgt Ion: 264 Resp: 38079
Ion Ratio Lower Upper
264 100
260 28.5 17.8 26.8#
265 23.6 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

