

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
 Data File : BF080578.D
 Acq On : 23 Jul 2015 3:02
 Operator : TP/UM
 Sample : PB84580BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84580BL

Quant Time: Jul 23 05:50:24 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

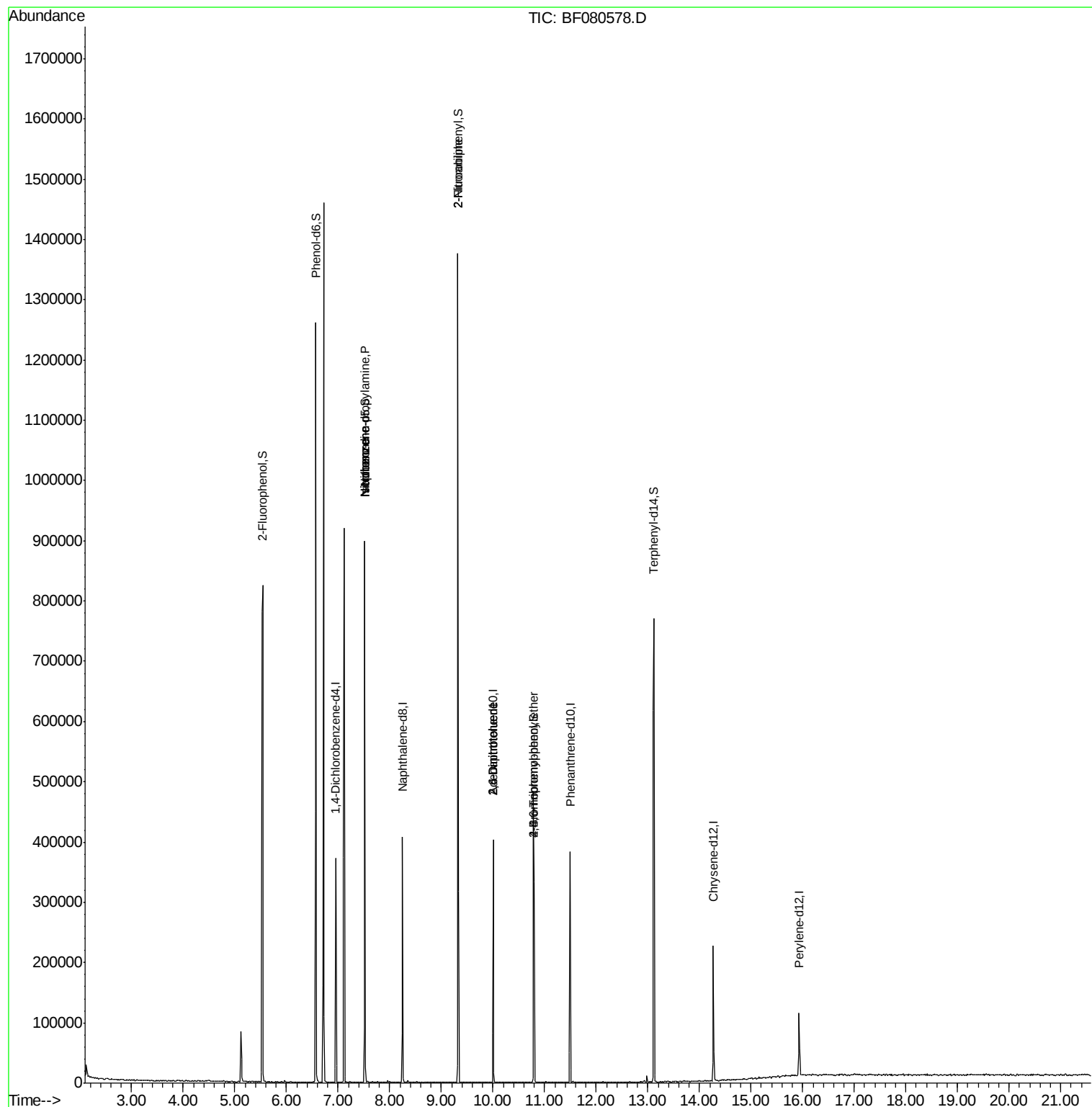
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	43080	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	157395	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	72813	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	125918	20.00	ng	0.00
75) Chrysene-d12	14.27	240	82773	20.00	ng	-0.05
86) Perylene-d12	15.93	264	54955	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	288811	118.89	ng	0.01
7) Phenol-d6	6.57	99	370330	123.78	ng	0.00
23) Nitrobenzene-d5	7.52	82	217718	89.10	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	58105	108.05	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	378938	74.84	ng	0.00
78) Terphenyl-d14	13.12	244	327358	81.10	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	32729	17.03	ng	# 73
24) Nitrobenzene	7.52	77	777	4.57	ng	# 38
25) Isophorone	7.52	82	199950	38.74	ng	# 66
47) 2-Nitroaniline	9.32	65	534	3.09	ng	# 1
50) 2,6-Dinitrotoluene	10.01	165	9282	13.76	ng	# 13
56) 2,4-Dinitrotoluene	10.01	165	9283	16.34	ng	# 10
66) 4-Bromophenyl-phenylether	10.80	248	3878	3.20	ng	# 1

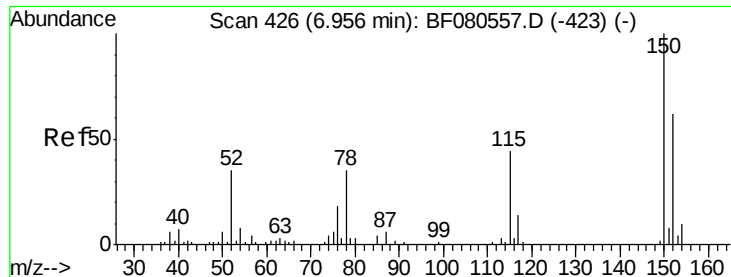
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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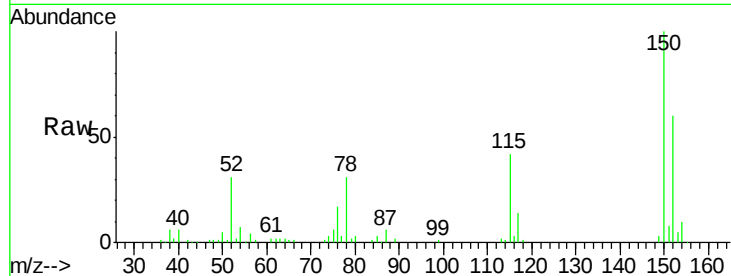


#1

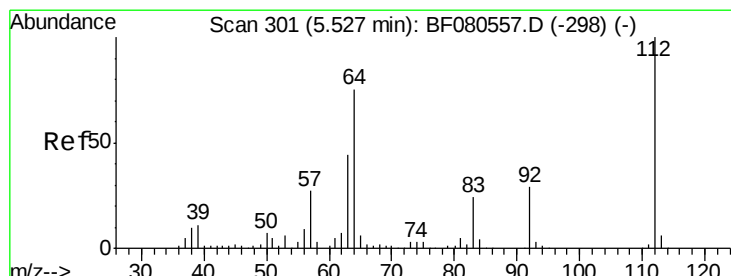
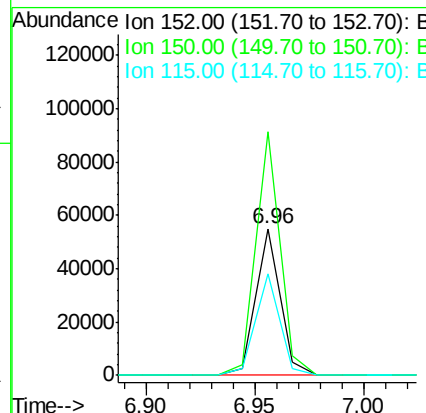
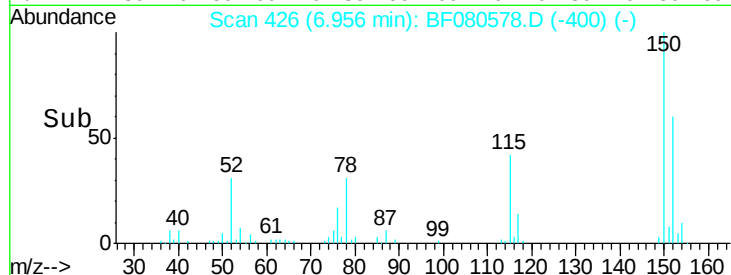
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BF080578.D
 Acq: 23 Jul 2015 3:02

Instrument :
 BNA_F
 ClientSampleId :
 PB84580BL

Tgt Ion:152 Resp: 43080
 Ion Ratio Lower Upper
 152 100
 150 165.7 128.7 193.1
 115 69.5 56.8 85.2



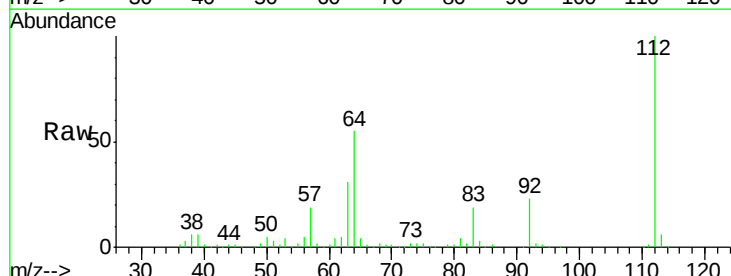
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



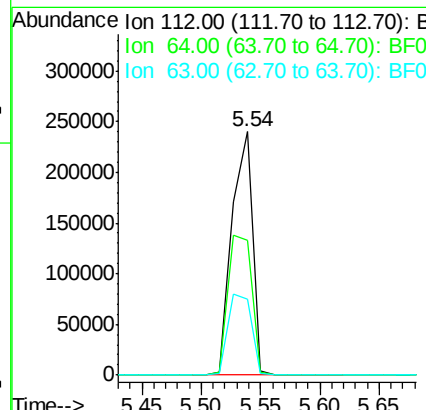
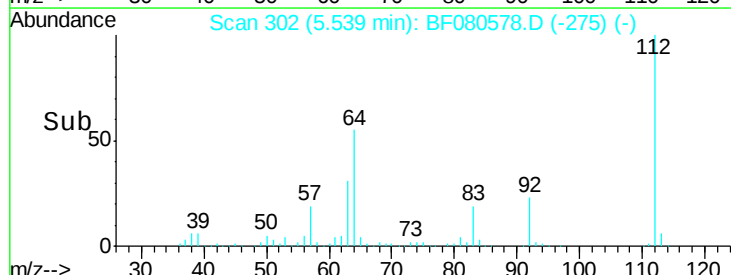
#5

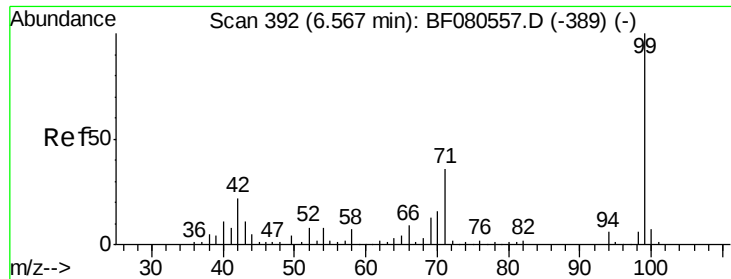
2-Fluorophenol
 Concen: 118.89 ng
 RT: 5.54 min Scan# 302
 Delta R.T. 0.01 min
 Lab File: BF080578.D
 Acq: 23 Jul 2015 3:02

Tgt Ion:112 Resp: 288811
 Ion Ratio Lower Upper
 112 100
 64 55.3 60.2 90.2#
 63 31.1 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: 123.78 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF080578.D

Acq: 23 Jul 2015 3:02

Instrument :

BNA_F

ClientSampled :

PB84580BL

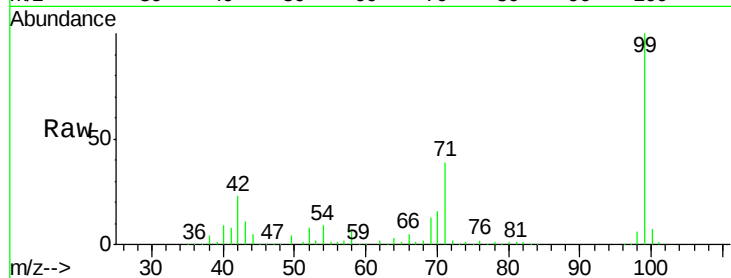
Tgt Ion: 99 Resp: 370330

Ion Ratio Lower Upper

99 100

42 22.7 17.4 26.2

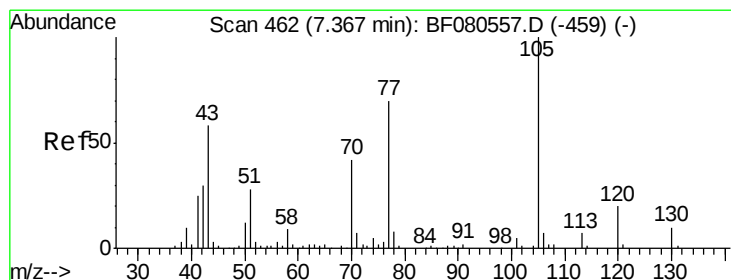
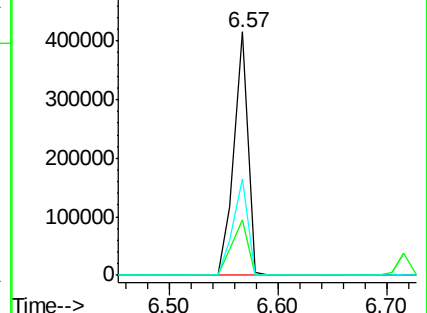
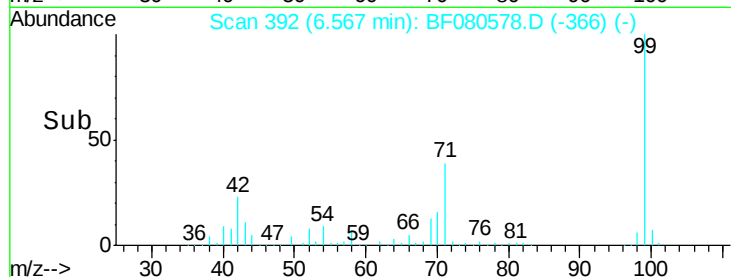
71 39.4 29.0 43.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.03 ng

RT: 7.52 min Scan# 475

Delta R.T. 0.15 min

Lab File: BF080578.D

Acq: 23 Jul 2015 3:02

Tgt Ion: 70 Resp: 32729

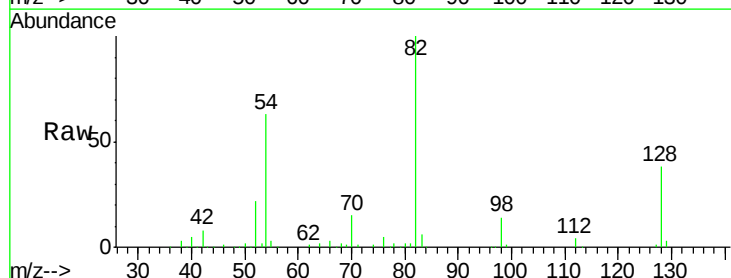
Ion Ratio Lower Upper

70 100

42 55.6 56.6 85.0#

101 0.0 9.7 14.5#

130 0.0 19.1 28.7#

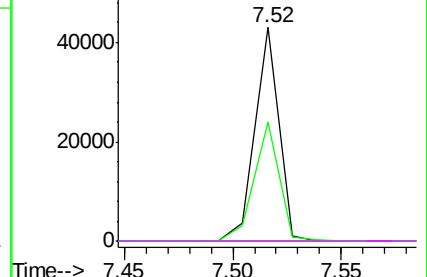
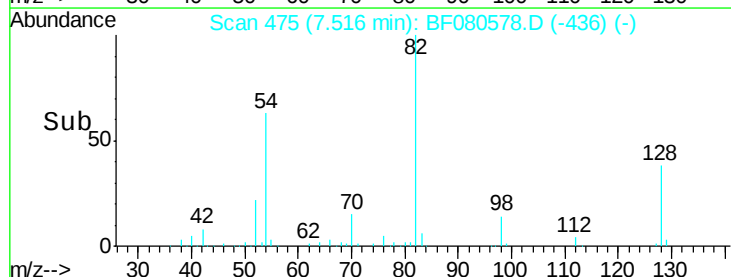


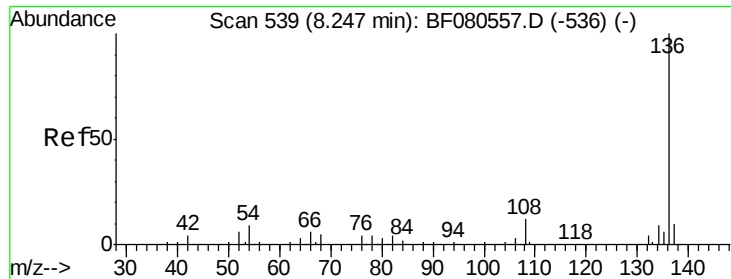
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

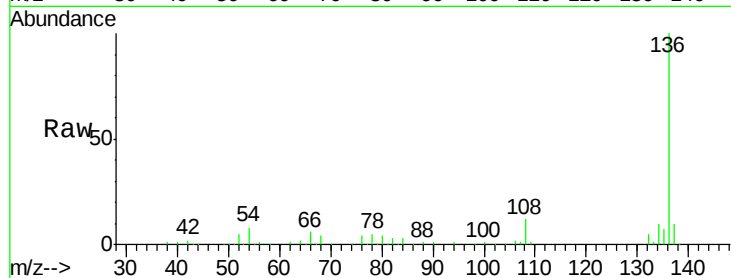




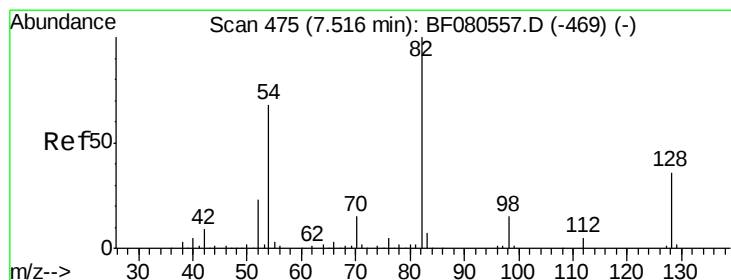
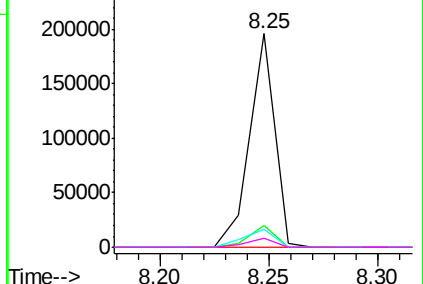
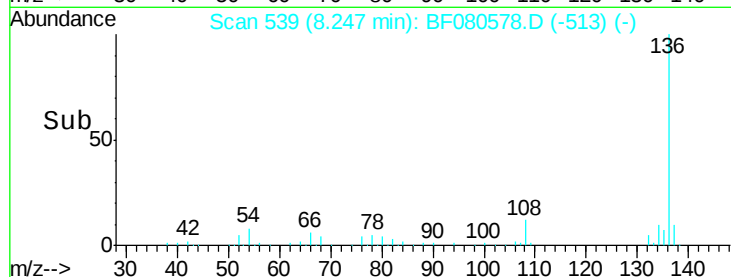
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF080578.D
Acq: 23 Jul 2015 3:02

Instrument :
BNA_F
ClientSampleId :
PB84580BL

Tgt Ion:	136	Resp:	157395
Ion	Ratio	Lower	Upper
136	100		
137	10.3	7.8	11.8
54	8.5	7.2	10.8
68	4.1	3.8	5.6

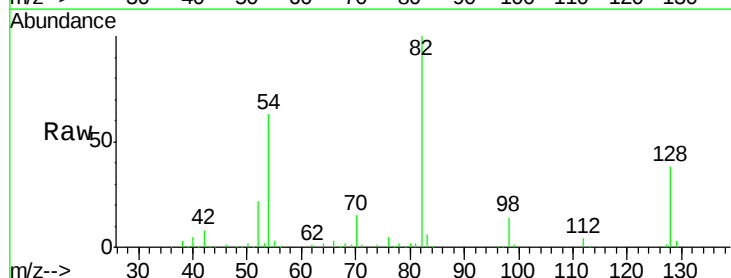


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

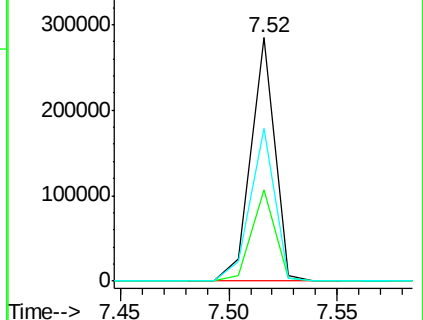
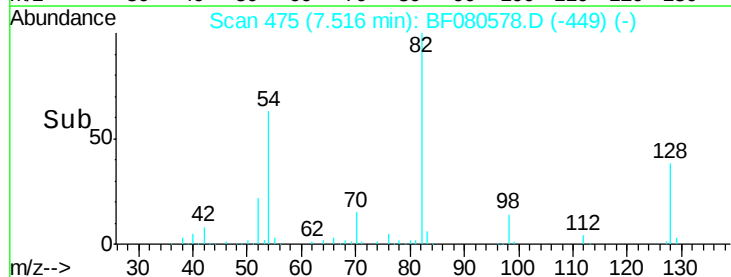


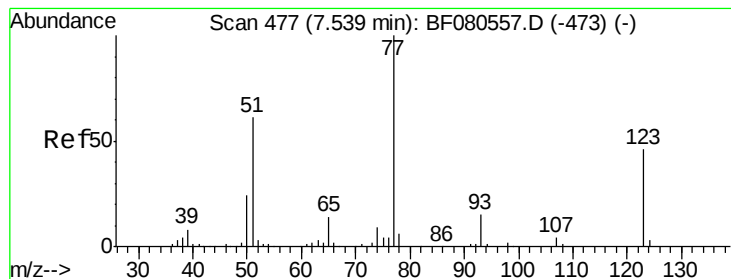
#23
Nitrobenzene-d5
Concen: 89.10 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.00 min
Lab File: BF080578.D
Acq: 23 Jul 2015 3:02

Tgt Ion:	82	Resp:	217718
Ion	Ratio	Lower	Upper
82	100		
128	37.7	28.9	43.3
54	62.7	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: 4.57 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF080578.D

Acq: 23 Jul 2015 3:02

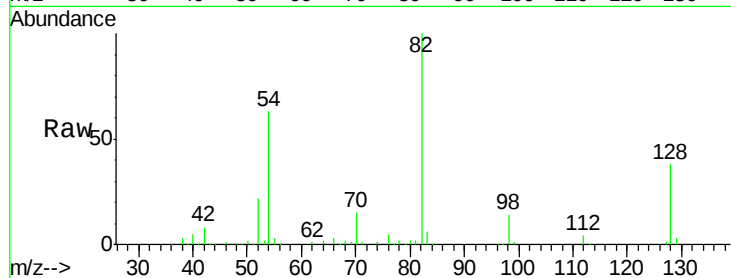
Instrument :

BNA_F

ClientSampleId :

PB84580BL

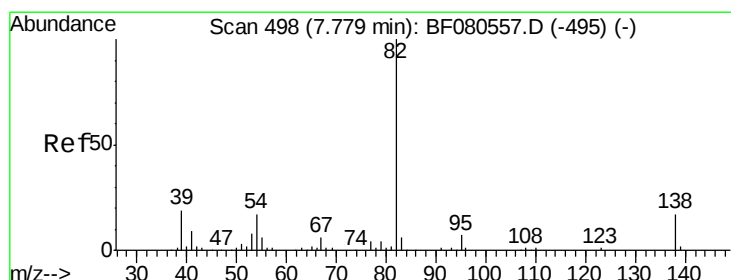
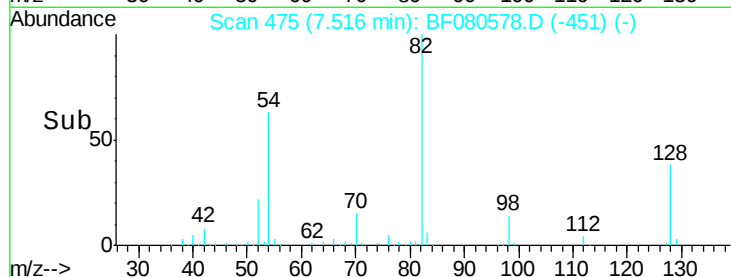
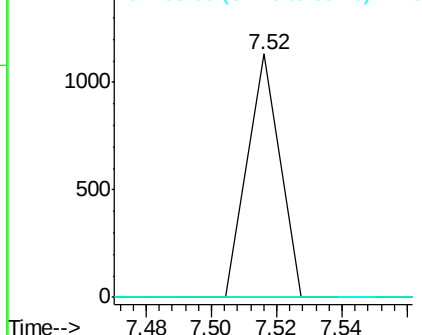
Tgt Ion:	77.00	Resp:	777
Ion Ratio	Lower	Upper	
77	100		
123	0.0	37.1	55.7#
65	0.0	11.4	17.2#



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: 38.74 ng

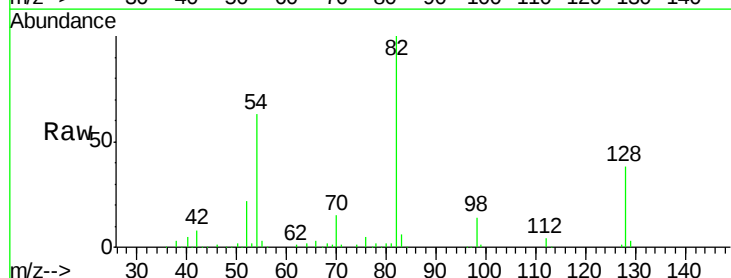
RT: 7.52 min Scan# 475

Delta R.T. -0.26 min

Lab File: BF080578.D

Acq: 23 Jul 2015 3:02

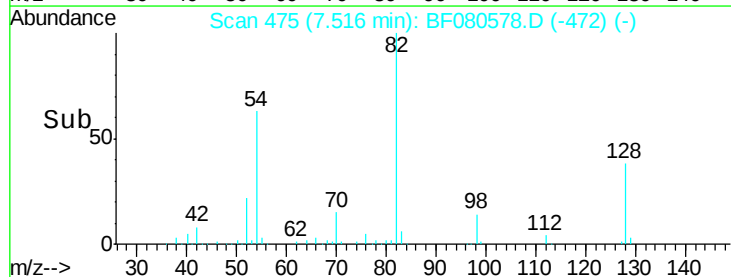
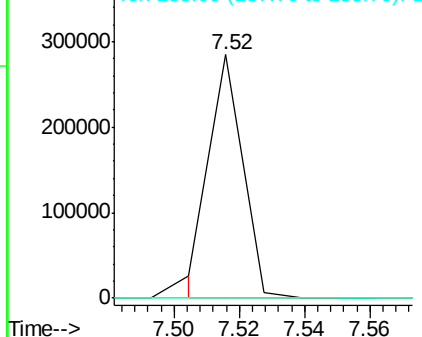
Tgt Ion:	82.00	Resp:	199950
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.9	8.9#
138	0.0	13.4	20.2#

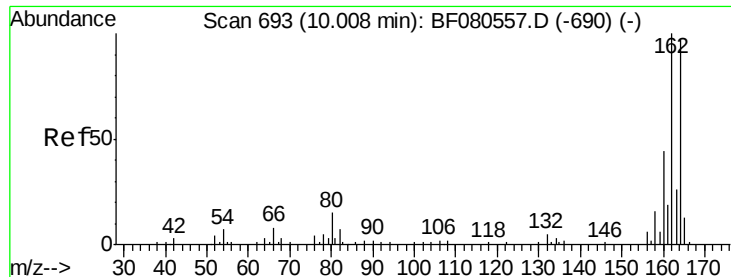


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF080578.D

Acq: 23 Jul 2015 3:02

Instrument :

BNA_F

ClientSampleId :

PB84580BL

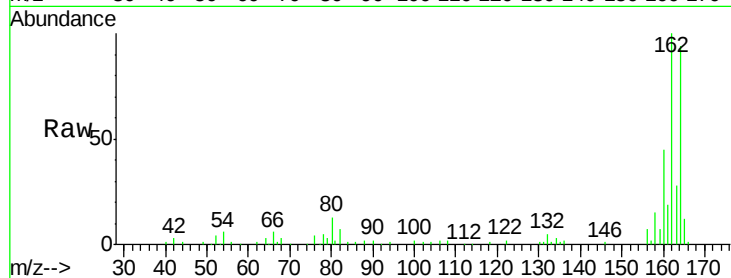
Tgt Ion:164 Resp: 72813

Ion Ratio Lower Upper

164 100

162 106.4 82.2 123.4

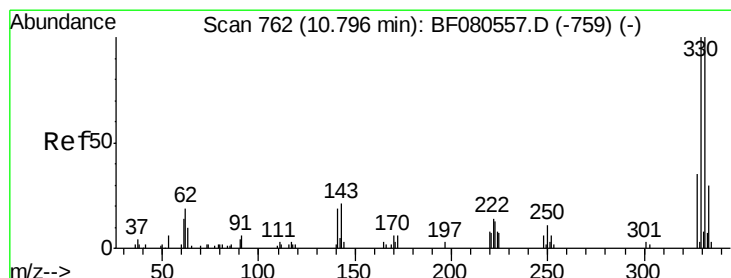
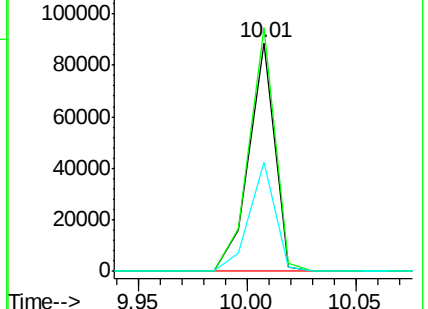
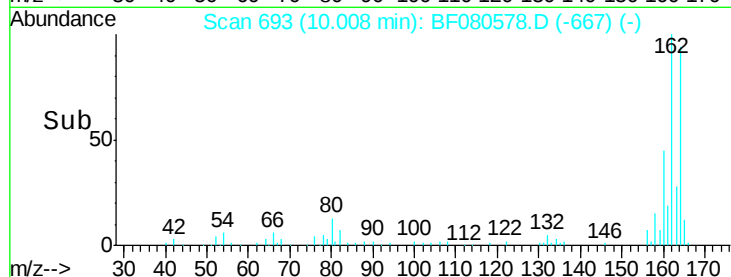
160 47.8 36.1 54.1



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: 108.05 ng

RT: 10.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF080578.D

Acq: 23 Jul 2015 3:02

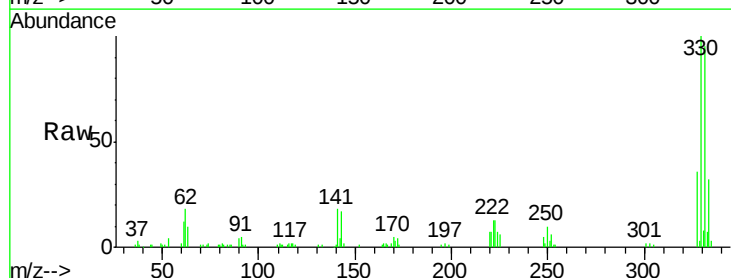
Tgt Ion:330 Resp: 58105

Ion Ratio Lower Upper

330 100

332 95.3 78.3 117.5

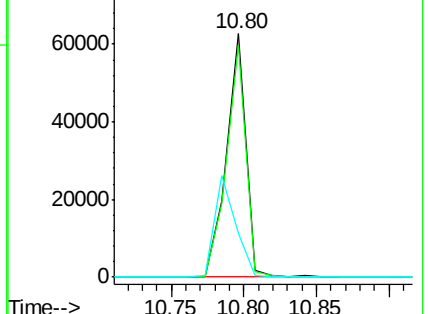
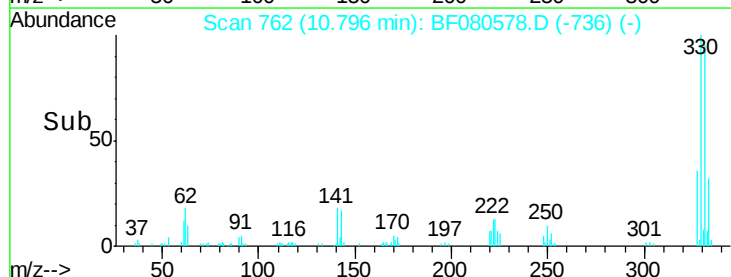
141 45.1 37.9 56.9

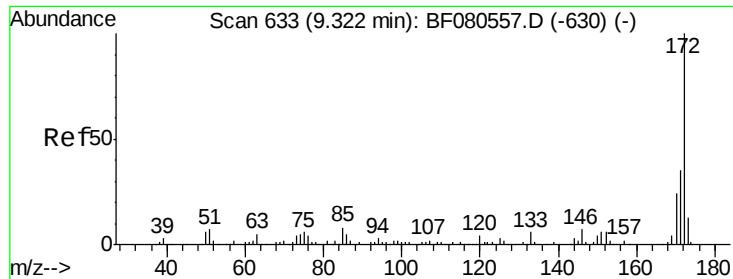


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

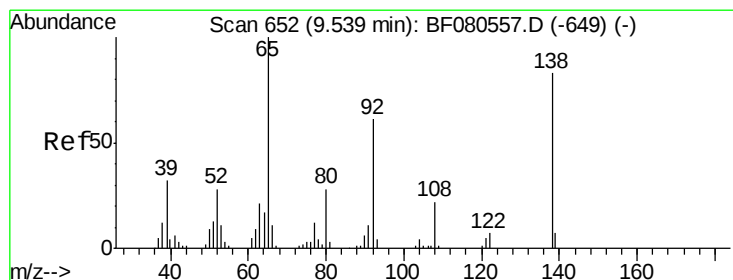
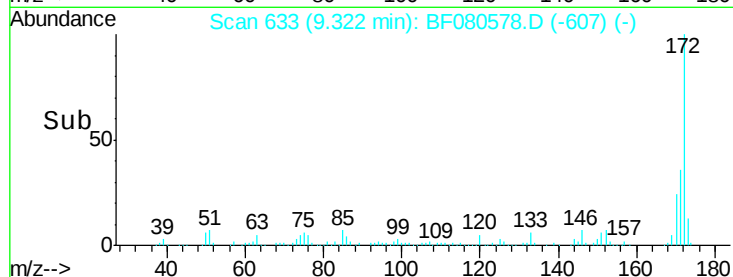
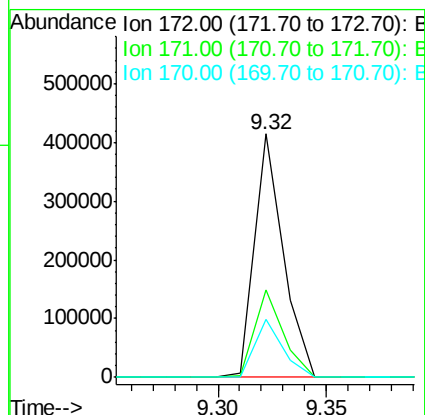
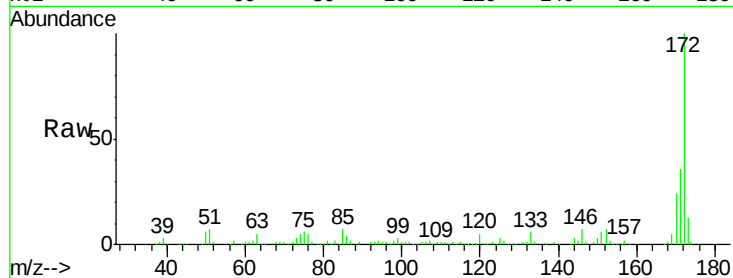




#44
 2-Fluorobiphenyl
 Concen: 74.84 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF080578.D
 Acq: 23 Jul 2015 3:02

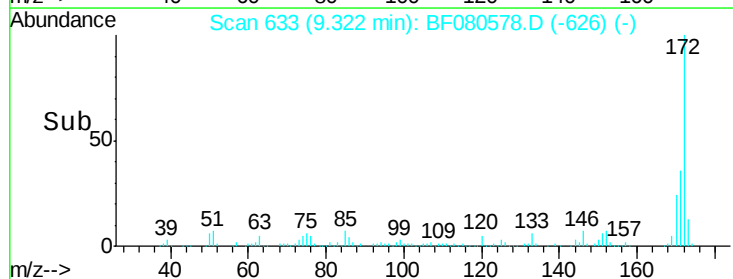
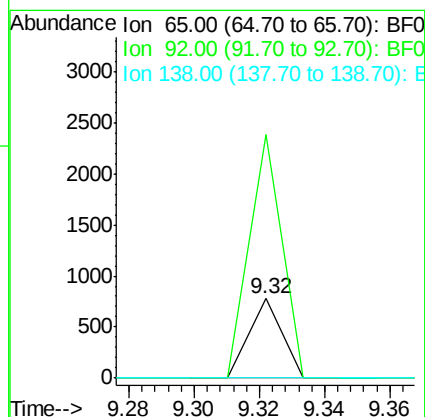
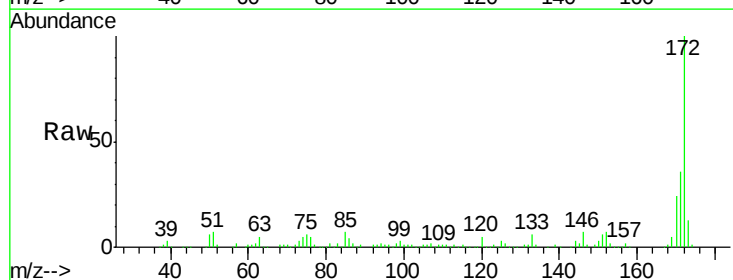
Instrument :
 BNA_F
 ClientSampled :
 PB84580BL

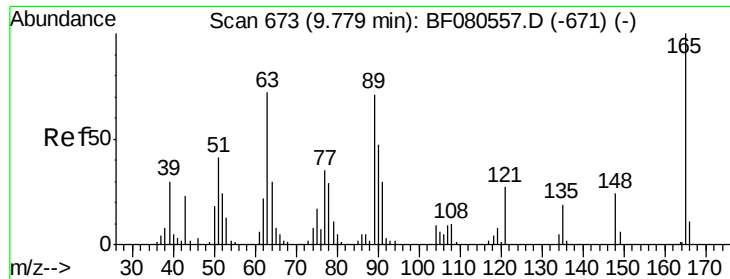
Tgt Ion: 172 Resp: 378938
 Ion Ratio Lower Upper
 172 100
 171 35.7 27.7 41.5
 170 23.8 19.1 28.7



#47
 2-Nitroaniline
 Concen: 3.09 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.22 min
 Lab File: BF080578.D
 Acq: 23 Jul 2015 3:02

Tgt Ion: 65 Resp: 534
 Ion Ratio Lower Upper
 65 100
 92 306.2 48.7 73.1#
 138 0.0 66.8 100.2#

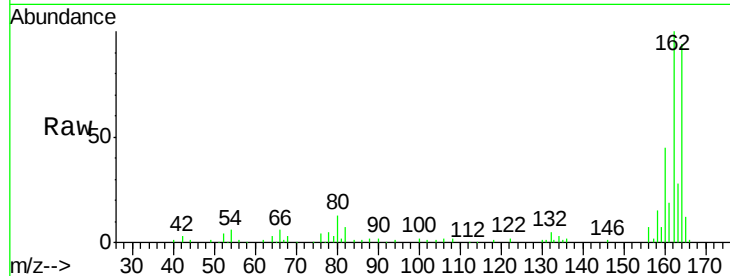




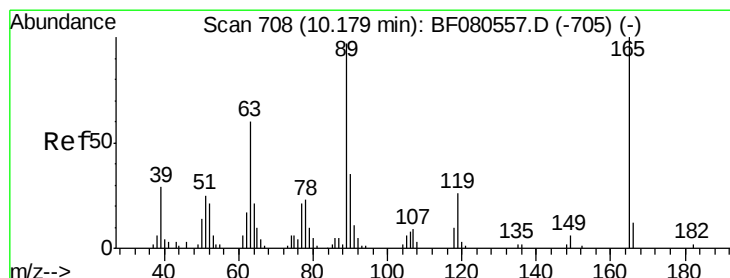
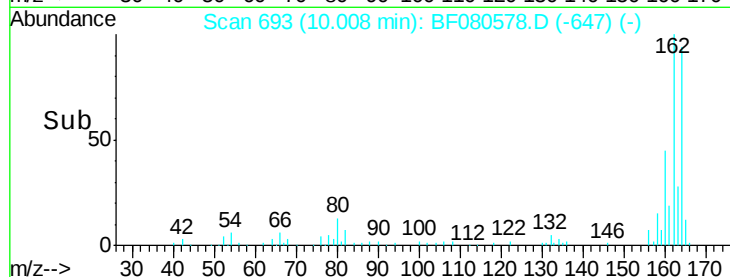
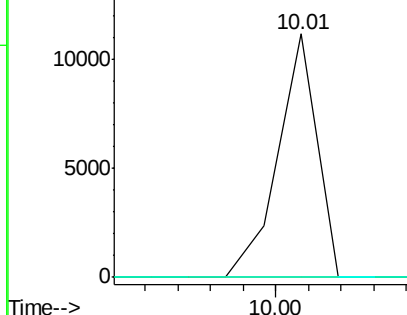
#50
2,6-Dinitrotoluene
Concen: 13.76 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.23 min
Lab File: BF080578.D
Acq: 23 Jul 2015 3:02

Instrument :
BNA_F
ClientSampleId :
PB84580BL

Tgt Ion:165 Resp: 9282
Ion Ratio Lower Upper
165 100
63 0.0 59.0 88.6#
89 0.0 56.9 85.3#

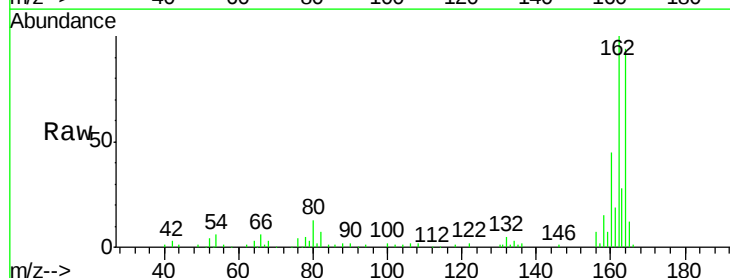


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

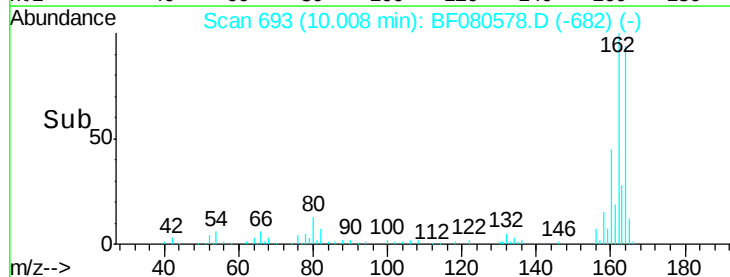
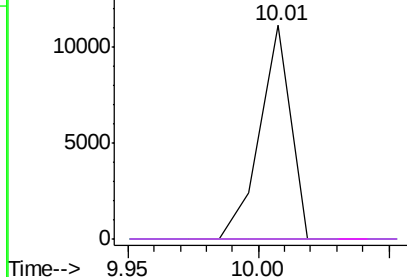


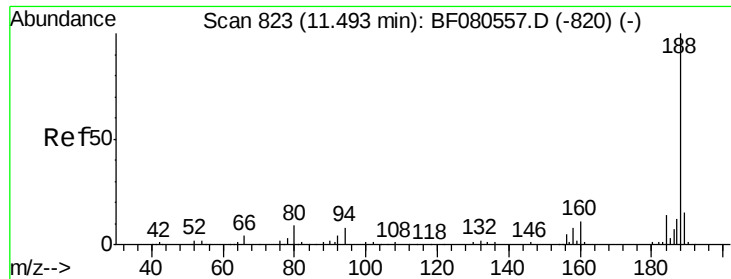
#56
2,4-Dinitrotoluene
Concen: 16.34 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.17 min
Lab File: BF080578.D
Acq: 23 Jul 2015 3:02

Tgt Ion:165 Resp: 9283
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

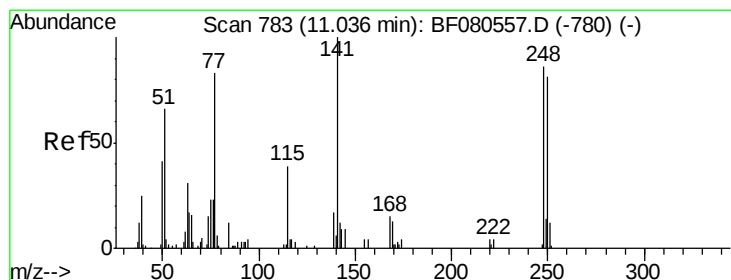
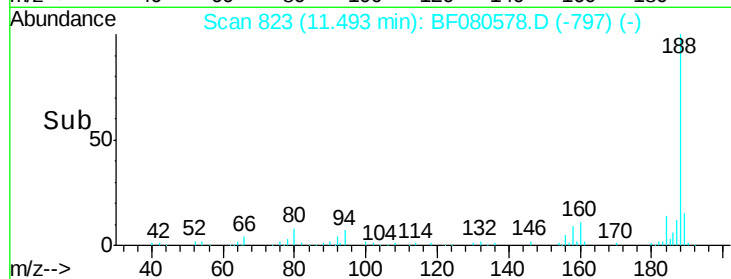
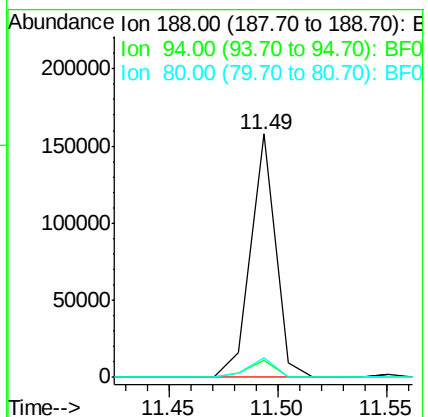
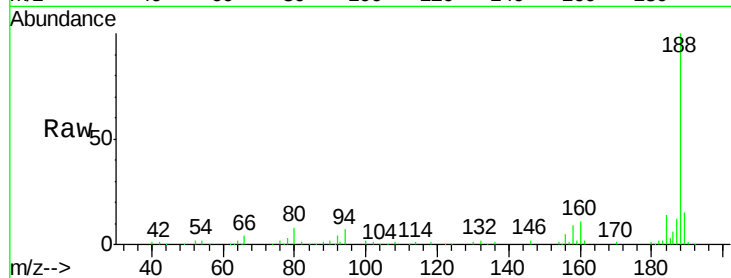




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF080578.D
 Acq: 23 Jul 2015 3:02

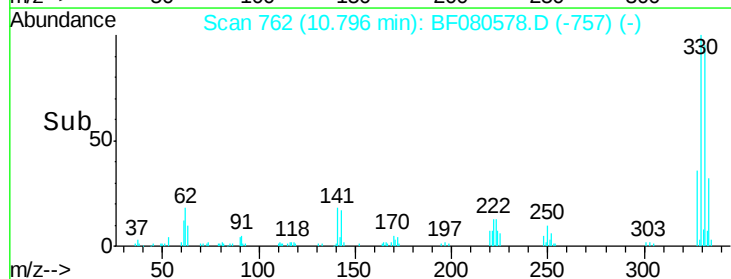
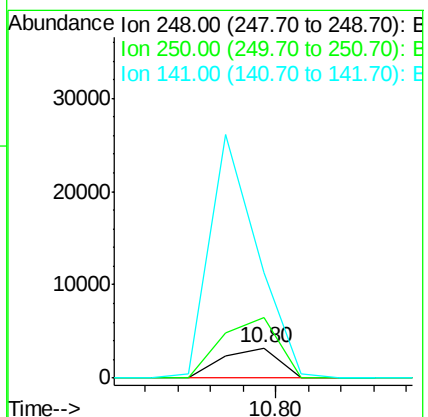
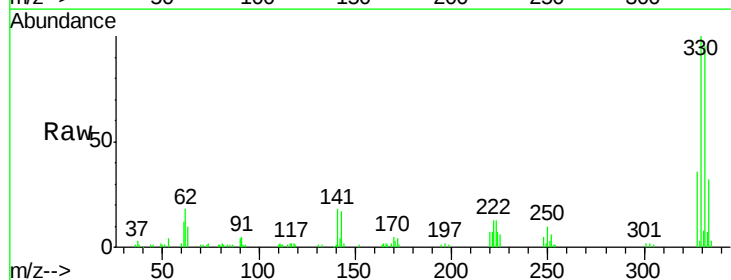
Instrument :
 BNA_F
 ClientSampleId :
 PB84580BL

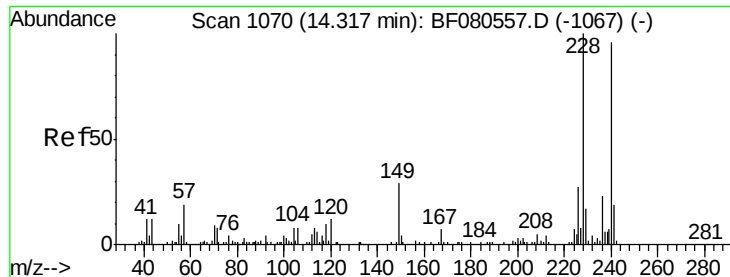
Tgt Ion:188 Resp: 125918
 Ion Ratio Lower Upper
 188 100
 94 7.0 6.1 9.1
 80 8.0 7.0 10.6



#66
 4-Bromophenyl-phenylether
 Concen: 3.20 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.24 min
 Lab File: BF080578.D
 Acq: 23 Jul 2015 3:02

Tgt Ion:248 Resp: 3878
 Ion Ratio Lower Upper
 248 100
 250 201.1 75.4 113.2#
 141 349.8 93.4 140.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.27 min Scan# 1066

Delta R.T. -0.05 min

Lab File: BF080578.D

Acq: 23 Jul 2015 3:02

Instrument :

BNA_F

ClientSampleId :

PB84580BL

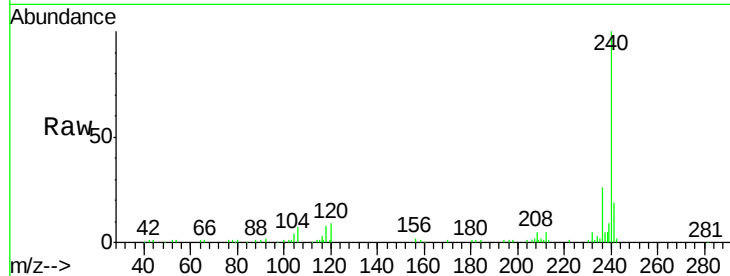
Tgt Ion:240 Resp: 82773

Ion Ratio Lower Upper

240 100

120 9.5 9.9 14.9#

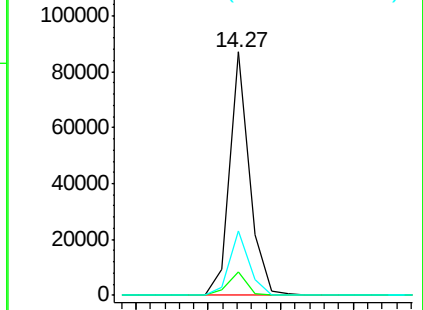
236 26.4 19.1 28.7



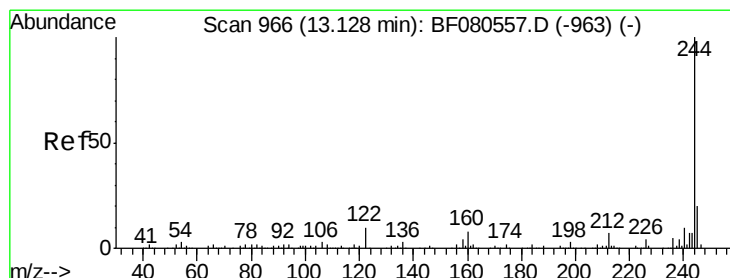
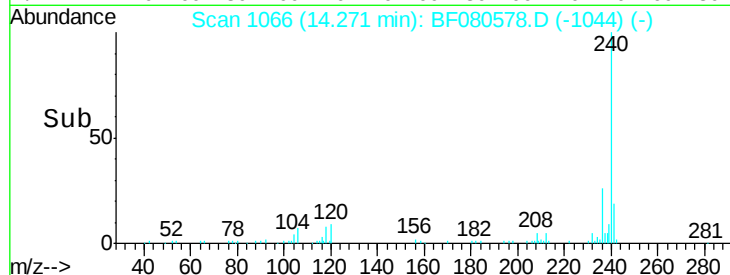
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 14.20 14.25 14.30 14.35



#78

Terphenyl-d14

Concen: 81.10 ng

RT: 13.12 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF080578.D

Acq: 23 Jul 2015 3:02

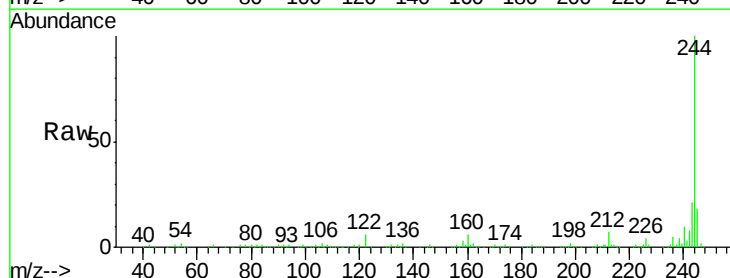
Tgt Ion:244 Resp: 327358

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

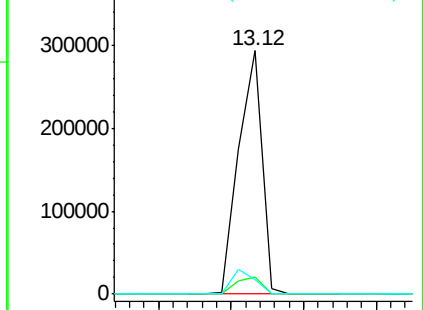
122 6.1 8.2 12.2#



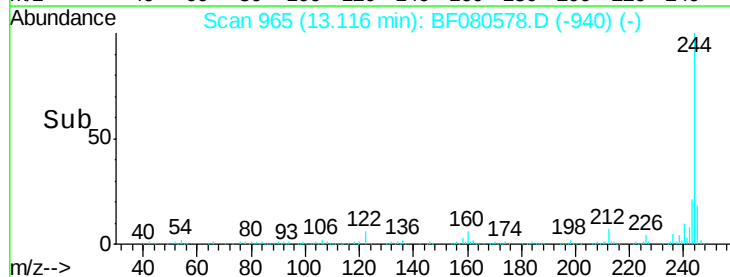
Abundance Ion 244.00 (243.70 to 244.70): E

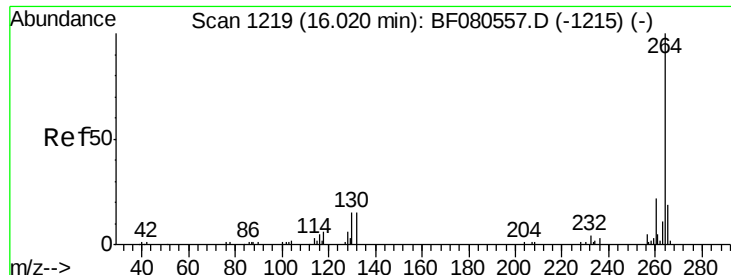
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 13.05 13.10 13.15 13.20

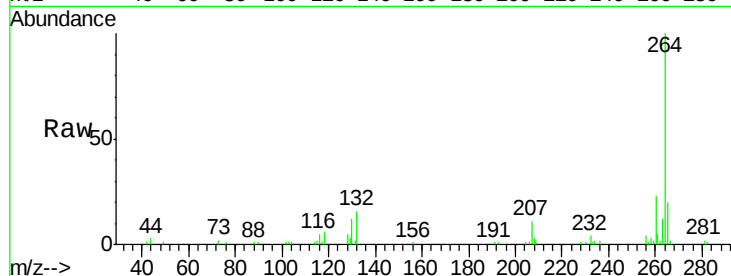




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.93 min Scan# 1211
Delta R.T. -0.09 min
Lab File: BF080578.D
Acq: 23 Jul 2015 3:02

Instrument :
BNA_F
ClientSampleId :
PB84580BL

Tgt Ion: 264 Resp: 54955
Ion Ratio Lower Upper
264 100
260 22.5 17.8 26.8
265 20.2 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

