

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070115\
 Data File : BF080293.D
 Acq On : 2 Jul 2015 3:24
 Operator : TP/UM
 Sample : G2855-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALLNORTH(4FT)63015

Quant Time: Jul 02 04:47:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 03:50:52 2015
 Response via : Initial Calibration

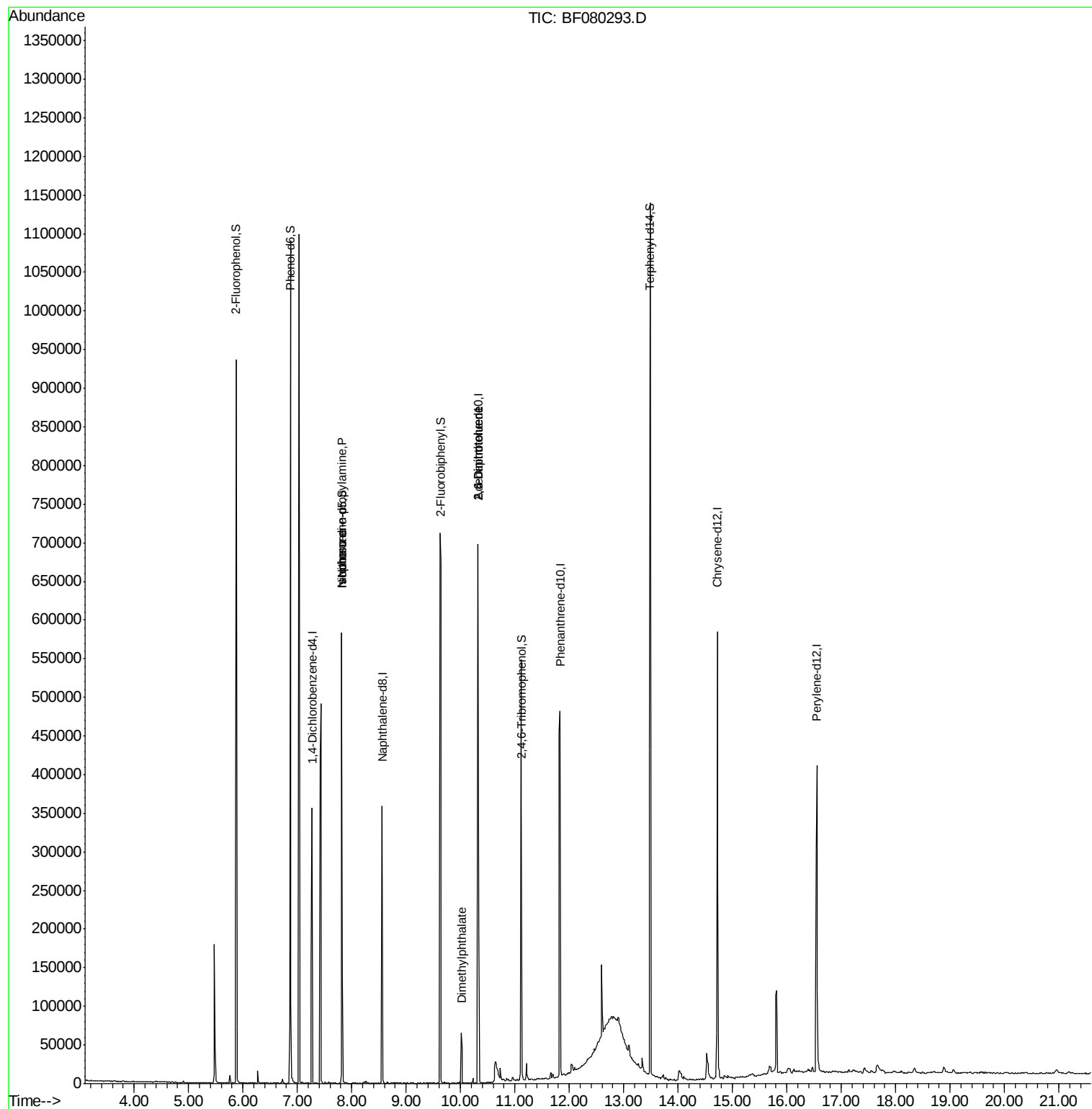
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	61196	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	243867	20.00	ng	0.00
38) Acenaphthene-d10	10.32	164	137013	20.00	ng	0.00
63) Phenanthrene-d10	11.83	188	264595	20.00	ng	0.00
75) Chrysene-d12	14.72	240	248852	20.00	ng	-0.02
86) Perylene-d12	16.55	264	231303	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.88	112	239030	67.64	ng	0.00
7) Phenol-d6	6.87	99	317787	66.99	ng	0.00
23) Nitrobenzene-d5	7.82	82	174965	39.50	ng	0.00
41) 2,4,6-Tribromophenol	11.12	330	75758	58.07	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	339315	35.64	ng	0.00
78) Terphenyl-d14	13.49	244	397823	37.45	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.82	70	22286	7.07	ng	# 86
25) Isophorone	7.82	82	172085	19.99	ng	# 65
49) Dimethylphthalate	10.02	163	35571	3.40	ng	# 97
50) 2,6-Dinitrotoluene	10.32	165	17388	8.13	ng	# 43
56) 2,4-Dinitrotoluene	10.32	165	17384	6.27	ng	# 19

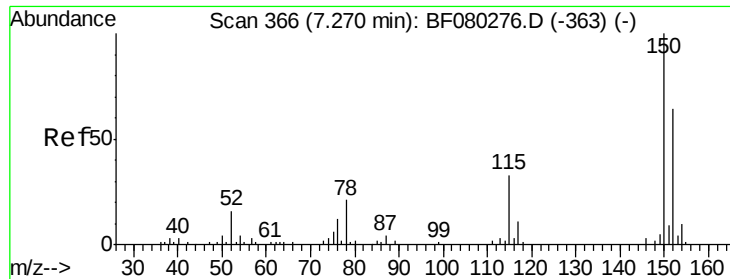
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 02 03:50:52 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF080293.D

Acq: 2 Jul 2015 3:24

Instrument :

BNA_F

ClientSampleId :

SIDEWALLNORTH(4FT)63015

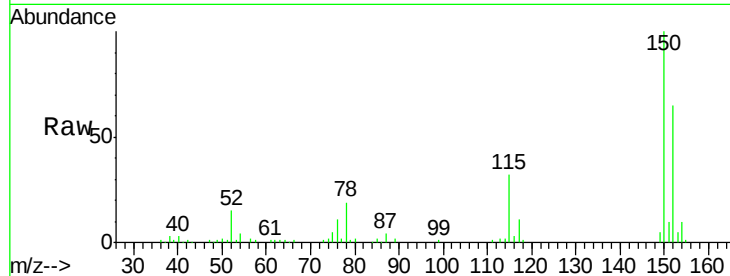
Tgt Ion:152 Resp: 61196

Ion Ratio Lower Upper

152 100

150 154.3 124.7 187.1

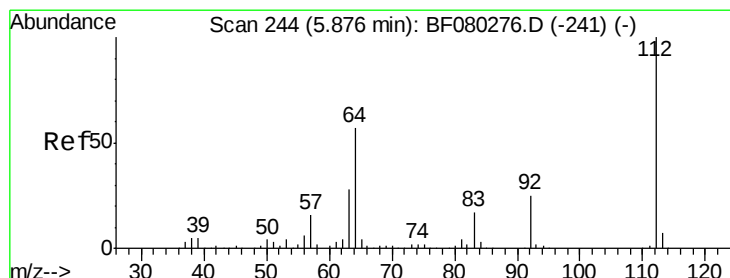
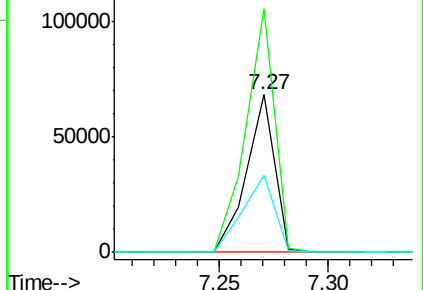
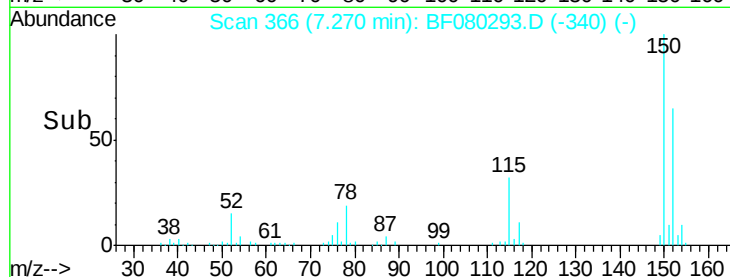
115 48.7 41.0 61.6



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: 67.64 ng

RT: 5.88 min Scan# 244

Delta R.T. 0.00 min

Lab File: BF080293.D

Acq: 2 Jul 2015 3:24

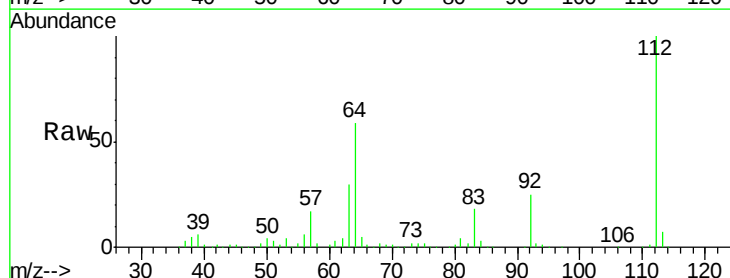
Tgt Ion:112 Resp: 239030

Ion Ratio Lower Upper

112 100

64 58.8 45.5 68.3

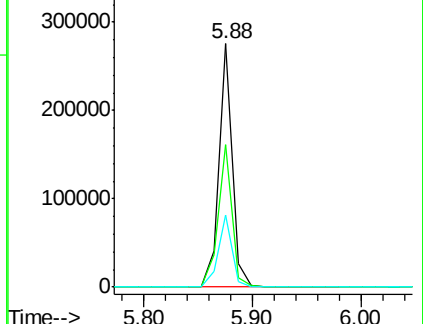
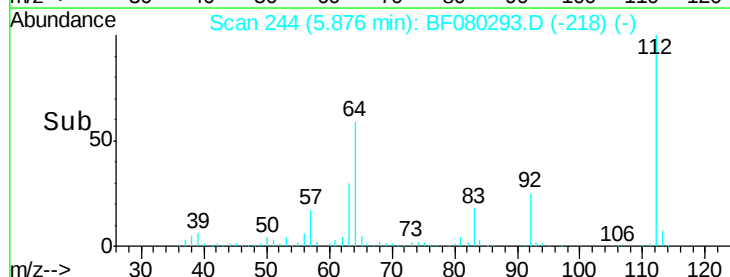
63 29.6 22.4 33.6

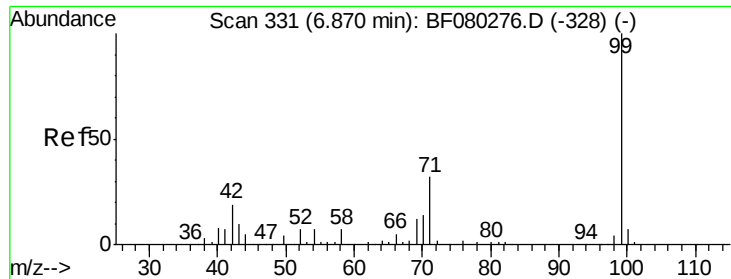


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 66.99 ng

RT: 6.87 min Scan# 331

Delta R.T. 0.00 min

Lab File: BF080293.D

Acq: 2 Jul 2015 3:24

Instrument :

BNA_F

ClientSampleId :

SIDEWALLNORTH(4FT)63015

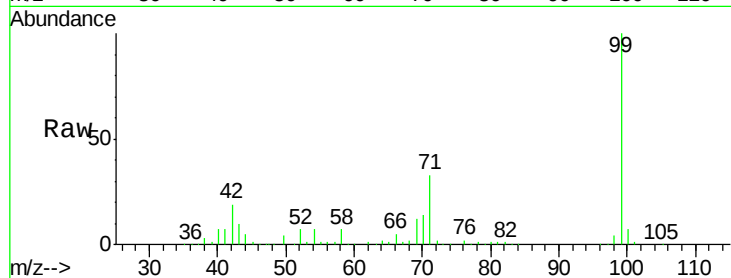
Tgt Ion: 99 Resp: 317787

Ion Ratio Lower Upper

99 100

42 19.2 15.4 23.2

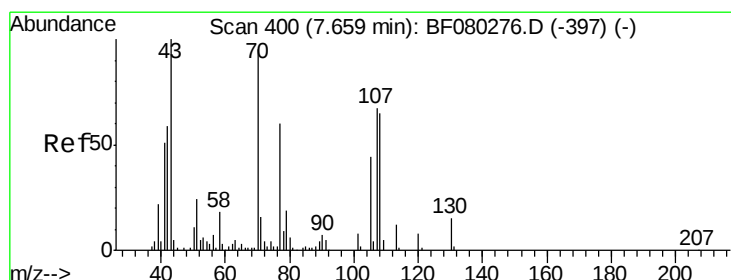
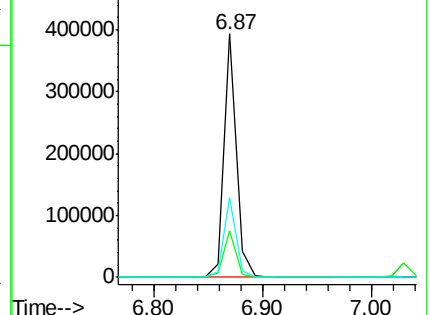
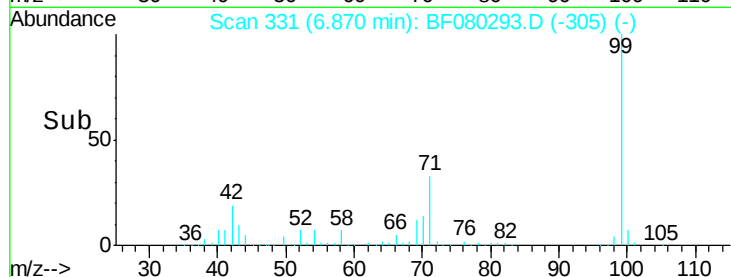
71 32.9 25.8 38.8



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: 7.07 ng

RT: 7.82 min Scan# 414

Delta R.T. 0.16 min

Lab File: BF080293.D

Acq: 2 Jul 2015 3:24

Tgt Ion: 70 Resp: 22286

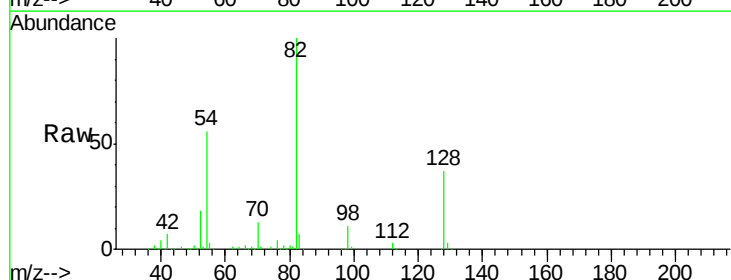
Ion Ratio Lower Upper

70 100

42 56.4 49.8 74.8

101 0.0 6.8 10.2#

130 1.5 13.0 19.4#

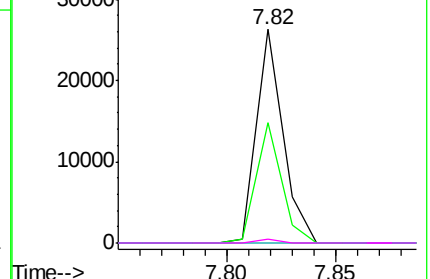
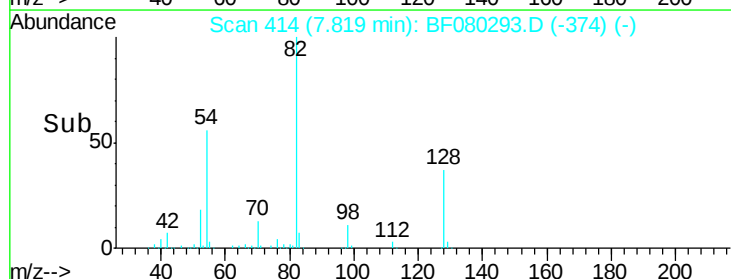


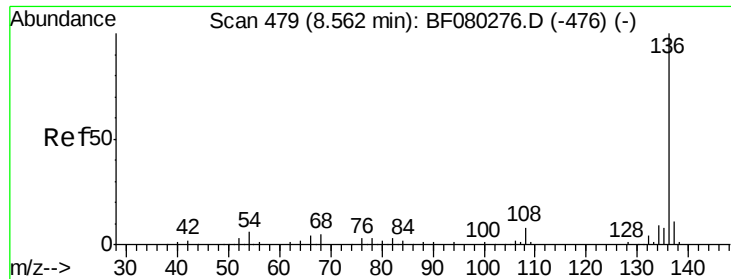
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

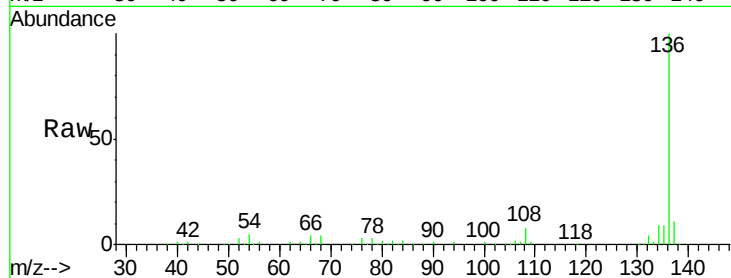




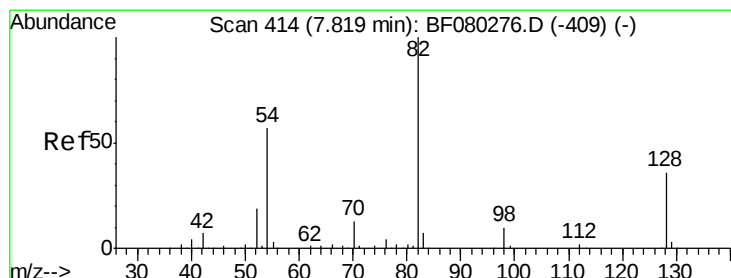
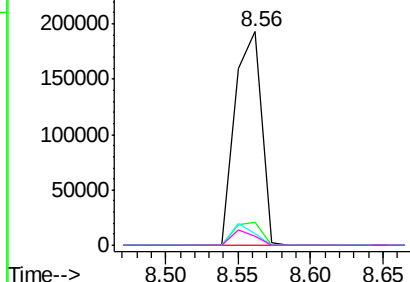
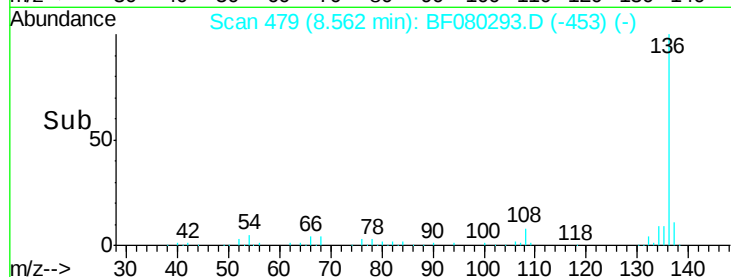
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.56 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF080293.D
Acq: 2 Jul 2015 3:24

Instrument :
BNA_F
ClientSampleId :
SIDEWALLNORTH(4FT)63015

Tgt Ion:	136	Resp:	243867
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	5.3	4.9	7.3
68	4.2	4.0	6.0

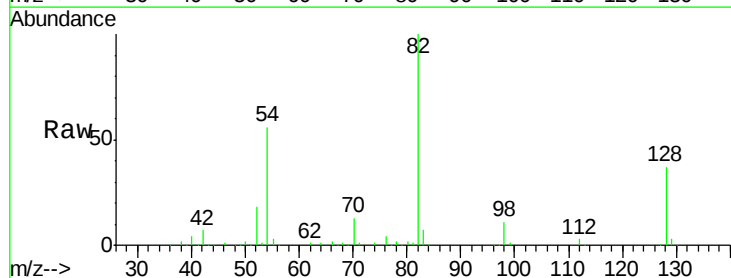


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

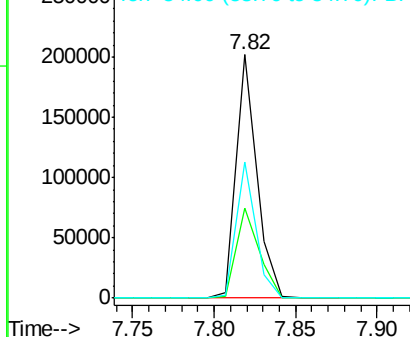
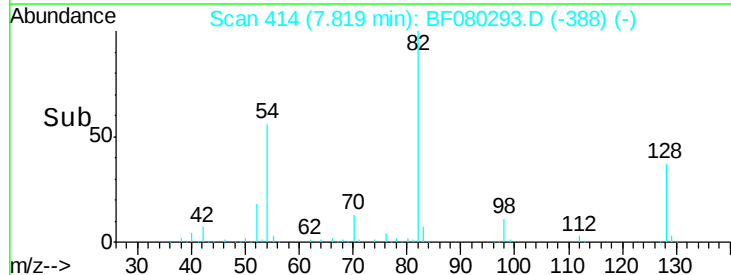


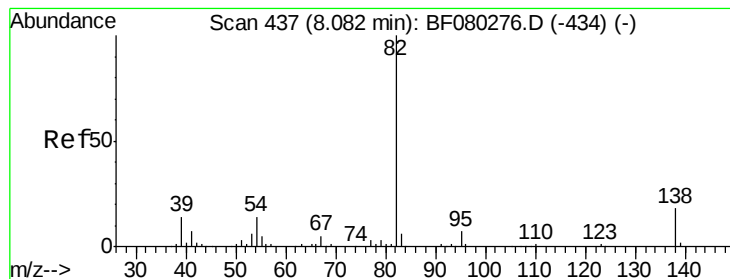
#23
Nitrobenzene-d5
Concen: 39.50 ng
RT: 7.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF080293.D
Acq: 2 Jul 2015 3:24

Tgt Ion:	82	Resp:	174965
Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.0	43.4
54	56.1	45.3	67.9



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: 19.99 ng

RT: 7.82 min Scan# 414

Delta R.T. -0.26 min

Lab File: BF080293.D

Acq: 2 Jul 2015 3:24

Instrument :

BNA_F

ClientSampleId :

SIDEWALLNORTH(4FT)63015

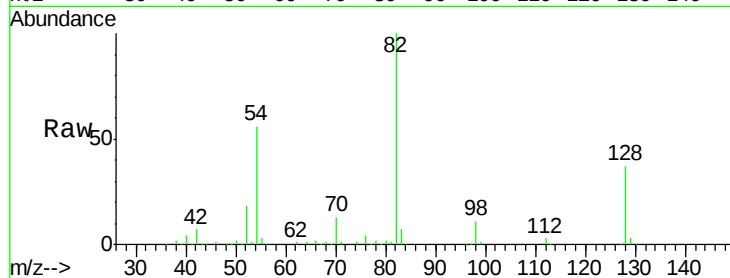
Tgt Ion: 82 Resp: 172085

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

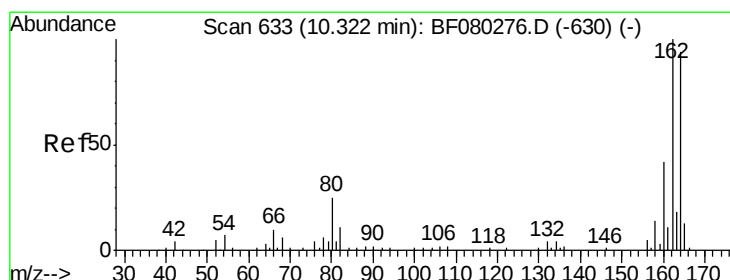
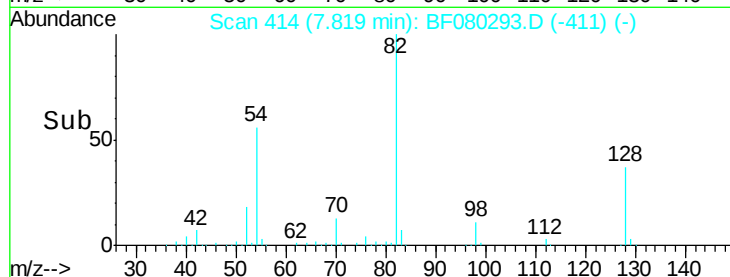
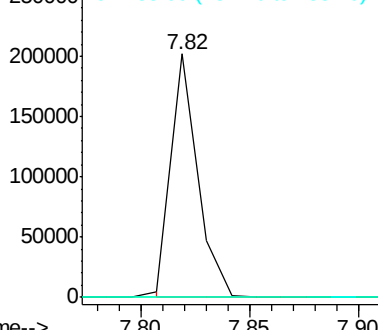
138 0.0 14.4 21.6#



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: 10.32 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF080293.D

Acq: 2 Jul 2015 3:24

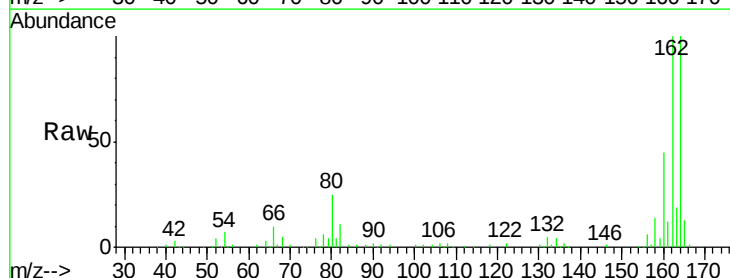
Tgt Ion:164 Resp: 137013

Ion Ratio Lower Upper

164 100

162 100.2 84.8 127.2

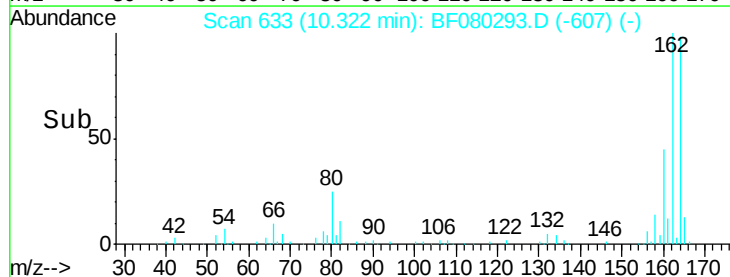
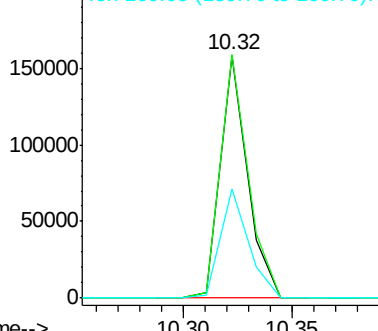
160 44.9 35.8 53.8

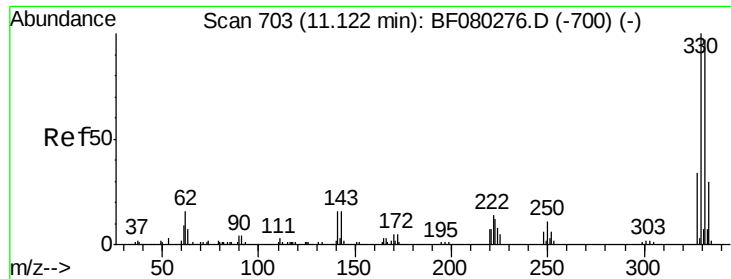


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

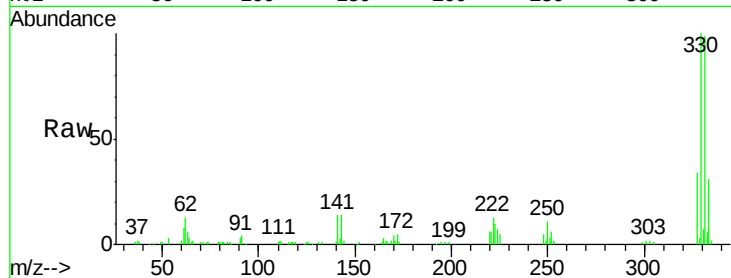




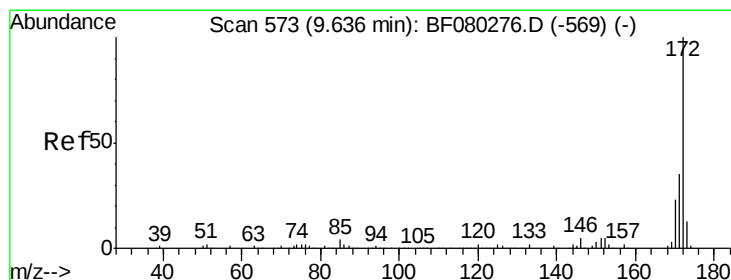
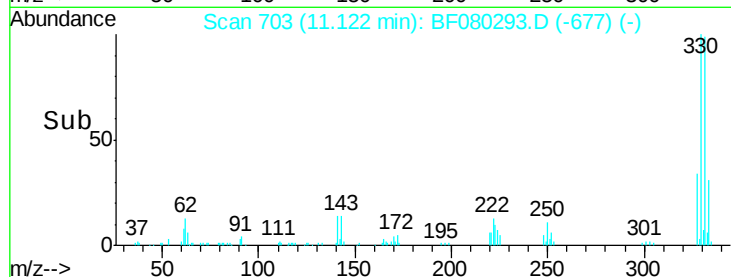
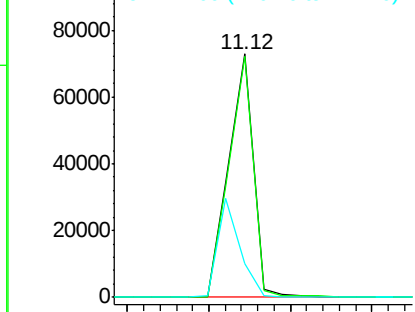
#41
 2,4,6-Tribromophenol
 Concen: 58.07 ng
 RT: 11.12 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BF080293.D
 Acq: 2 Jul 2015 3:24

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALLNORTH(4FT)63015

Tgt Ion:330 Resp: 75758
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.4 116.2
 141 37.1 28.0 42.0

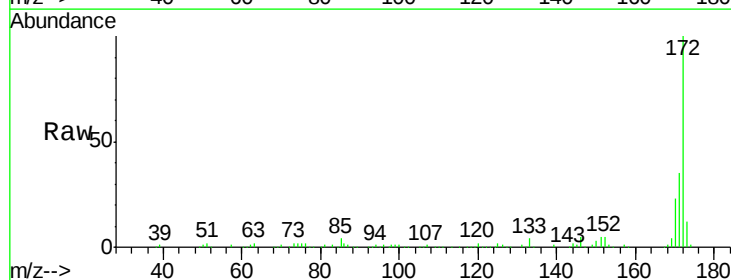


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

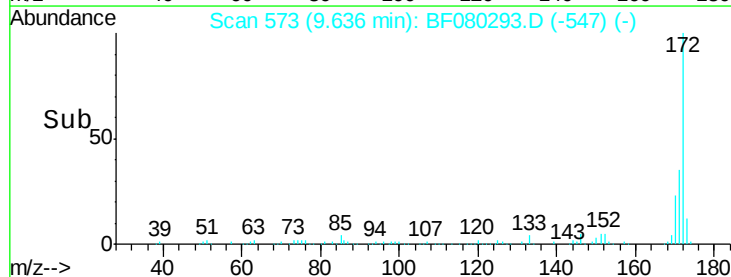
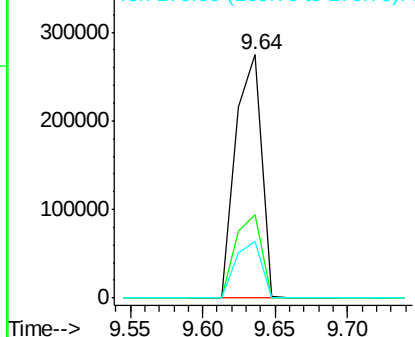


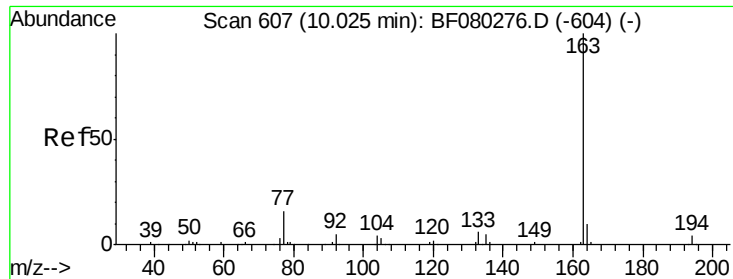
#44
 2-Fluorobiphenyl
 Concen: 35.64 ng
 RT: 9.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF080293.D
 Acq: 2 Jul 2015 3:24

Tgt Ion:172 Resp: 339315
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.1 42.1
 170 23.5 18.6 28.0



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

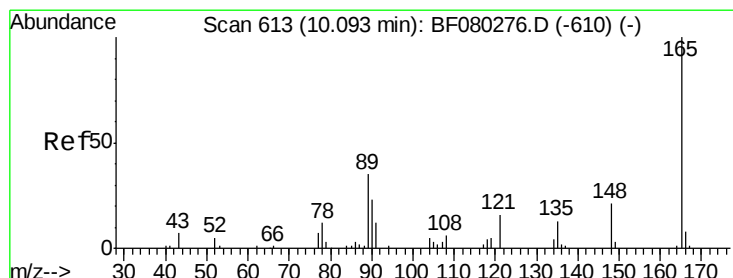
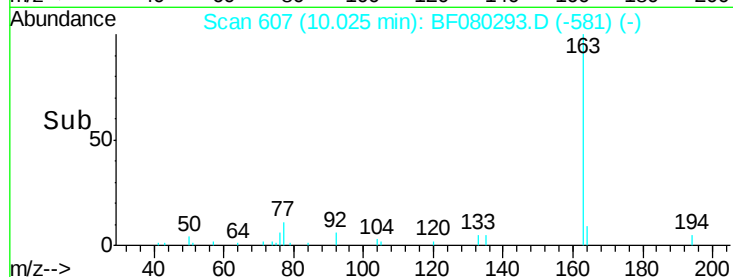
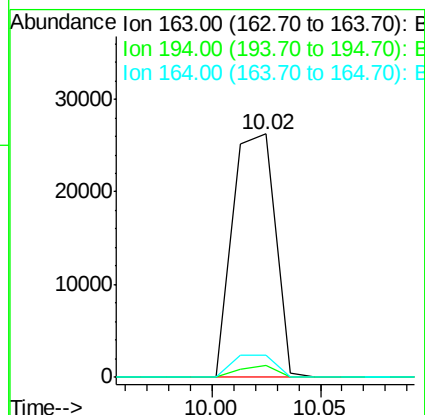
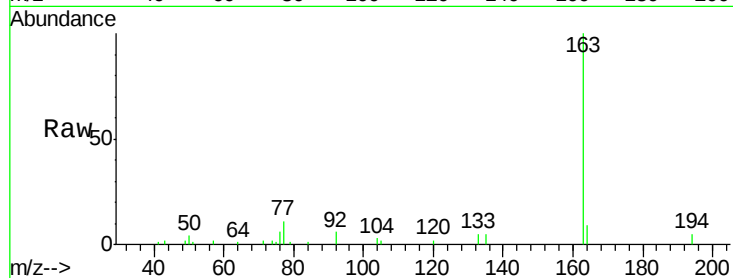




#49
Dimethylphthalate
Concen: 3.40 ng
RT: 10.02 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF080293.D
Acq: 2 Jul 2015 3:24

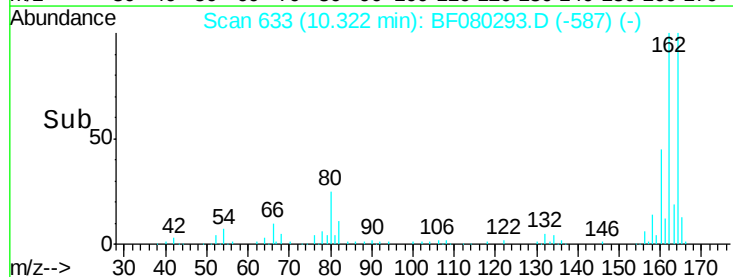
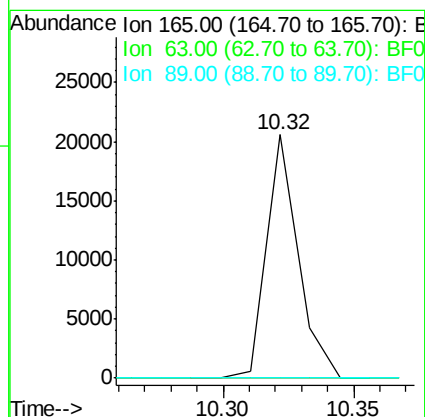
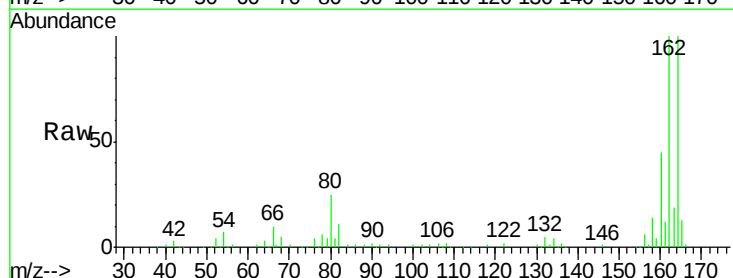
Instrument :
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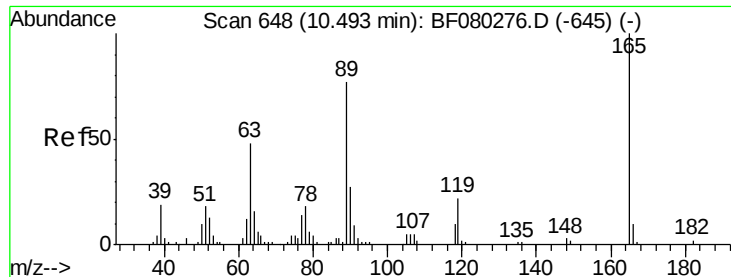
Tgt Ion:163 Resp: 35571
Ion Ratio Lower Upper
163 100
194 4.8 3.0 4.4#
164 9.1 7.9 11.9



#50
2,6-Dinitrotoluene
Concen: 8.13 ng
RT: 10.32 min Scan# 633
Delta R.T. 0.23 min
Lab File: BF080293.D
Acq: 2 Jul 2015 3:24

Tgt Ion:165 Resp: 17388
Ion Ratio Lower Upper
165 100
63 0.0 23.4 35.0#
89 0.0 27.7 41.5#





#56

2,4-Dinitrotoluene

Concen: 6.27 ng

RT: 10.32 min Scan# 633

Delta R.T. -0.17 min

Lab File: BF080293.D

Acq: 2 Jul 2015 3:24

Instrument :

BNA_F

ClientSampleId :

SIDEWALLNORTH(4FT)63015

Tgt Ion:165 Resp: 17384

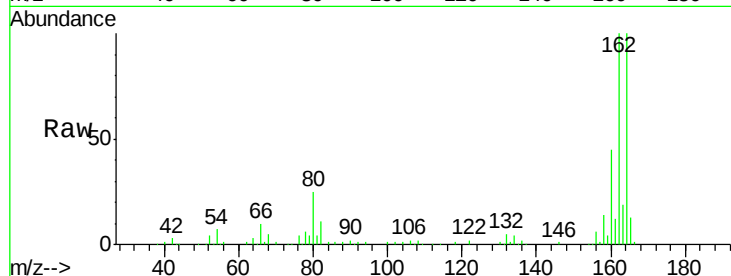
Ion Ratio Lower Upper

165 100

63 0.0 38.7 58.1#

89 0.0 62.0 93.0#

182 0.0 1.8 2.8#

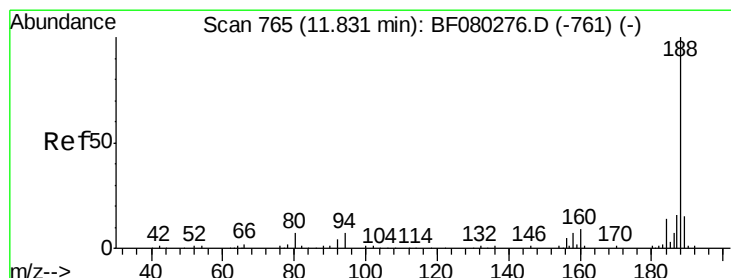
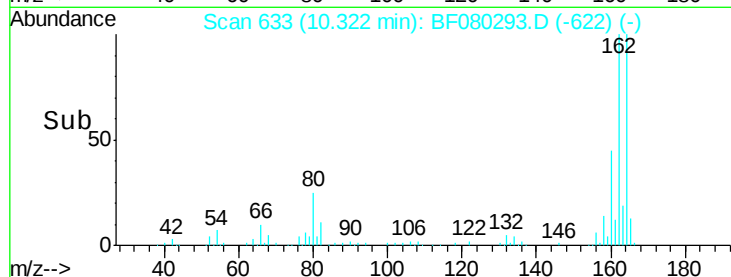
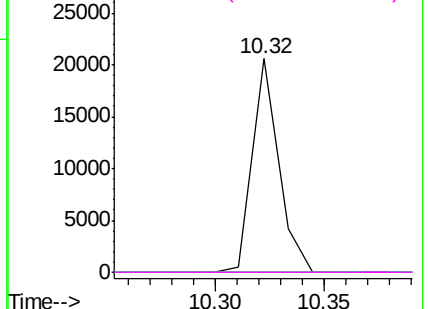


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.83 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF080293.D

Acq: 2 Jul 2015 3:24

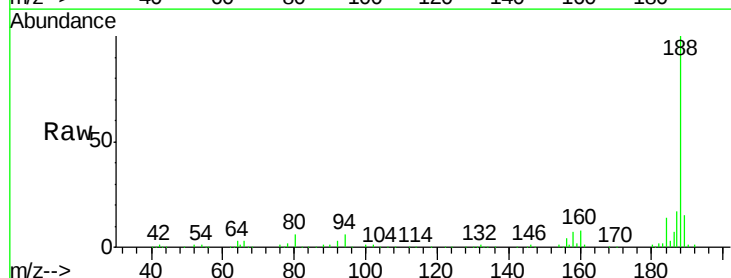
Tgt Ion:188 Resp: 264595

Ion Ratio Lower Upper

188 100

94 5.6 5.4 8.0

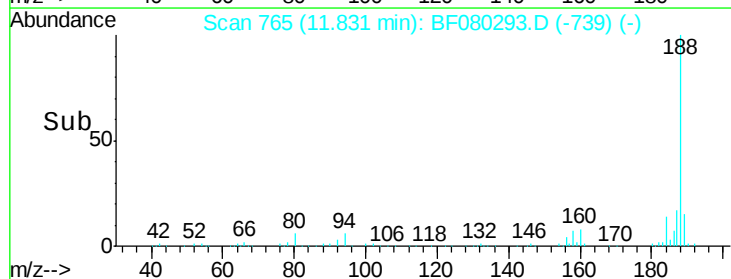
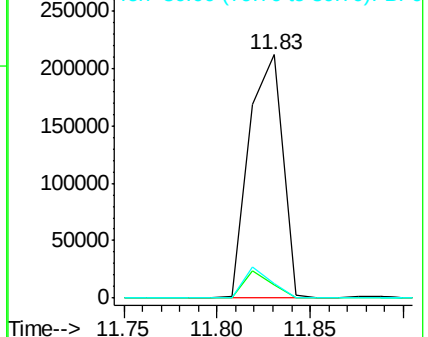
80 5.8 5.8 8.6

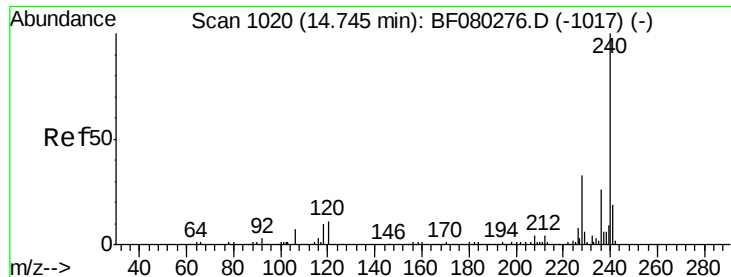


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.72 min Scan# 1018

Delta R.T. -0.02 min

Lab File: BF080293.D

Acq: 2 Jul 2015 3:24

Instrument :

BNA_F

ClientSampleId :

SIDEWALLNORTH(4FT)63015

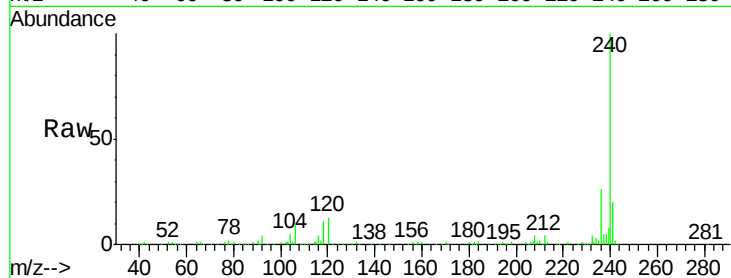
Tgt Ion:240 Resp: 248852

Ion Ratio Lower Upper

240 100

120 13.0 8.7 13.1

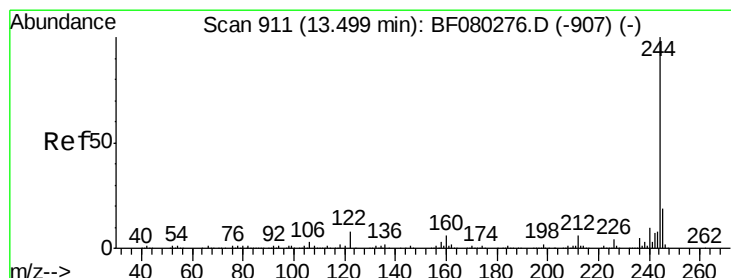
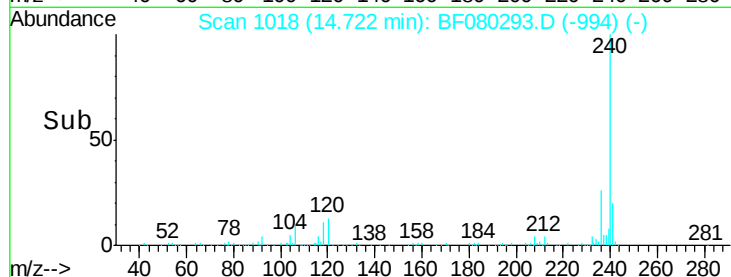
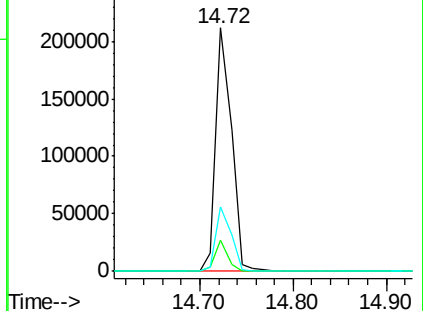
236 26.2 20.9 31.3



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: 37.45 ng

RT: 13.49 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF080293.D

Acq: 2 Jul 2015 3:24

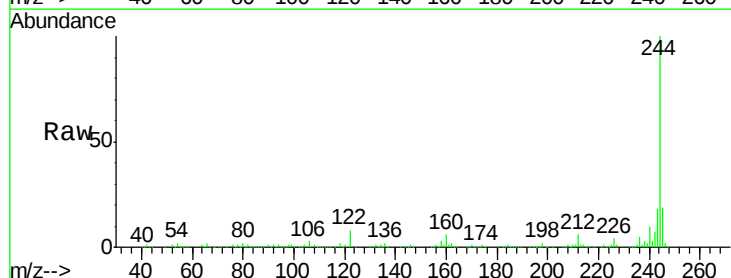
Tgt Ion:244 Resp: 397823

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.6

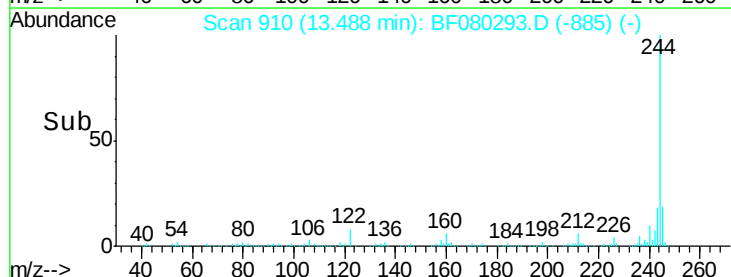
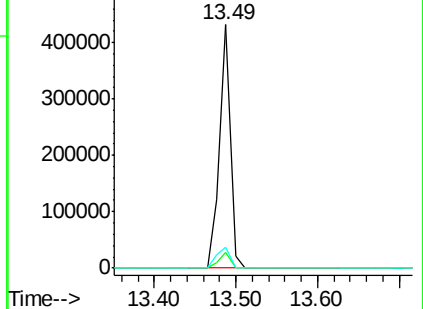
122 8.4 6.6 9.8

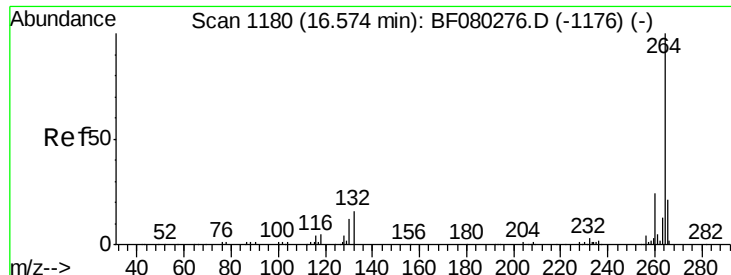


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

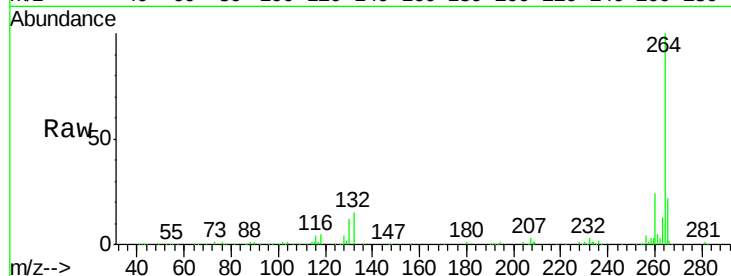




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.55 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BF080293.D
Acq: 2 Jul 2015 3:24

Instrument :
BNA_F
ClientSampleId :
SIDEWALLNORTH(4FT)63015

Tgt Ion: 264 Resp: 231303
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.8 16.9 25.3



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

