

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070115\
 Data File : BF080290.D
 Acq On : 2 Jul 2015 1:58
 Operator : TP/UM
 Sample : G2855-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALLNORTH(9FT)063015

Quant Time: Jul 02 04:45:44 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

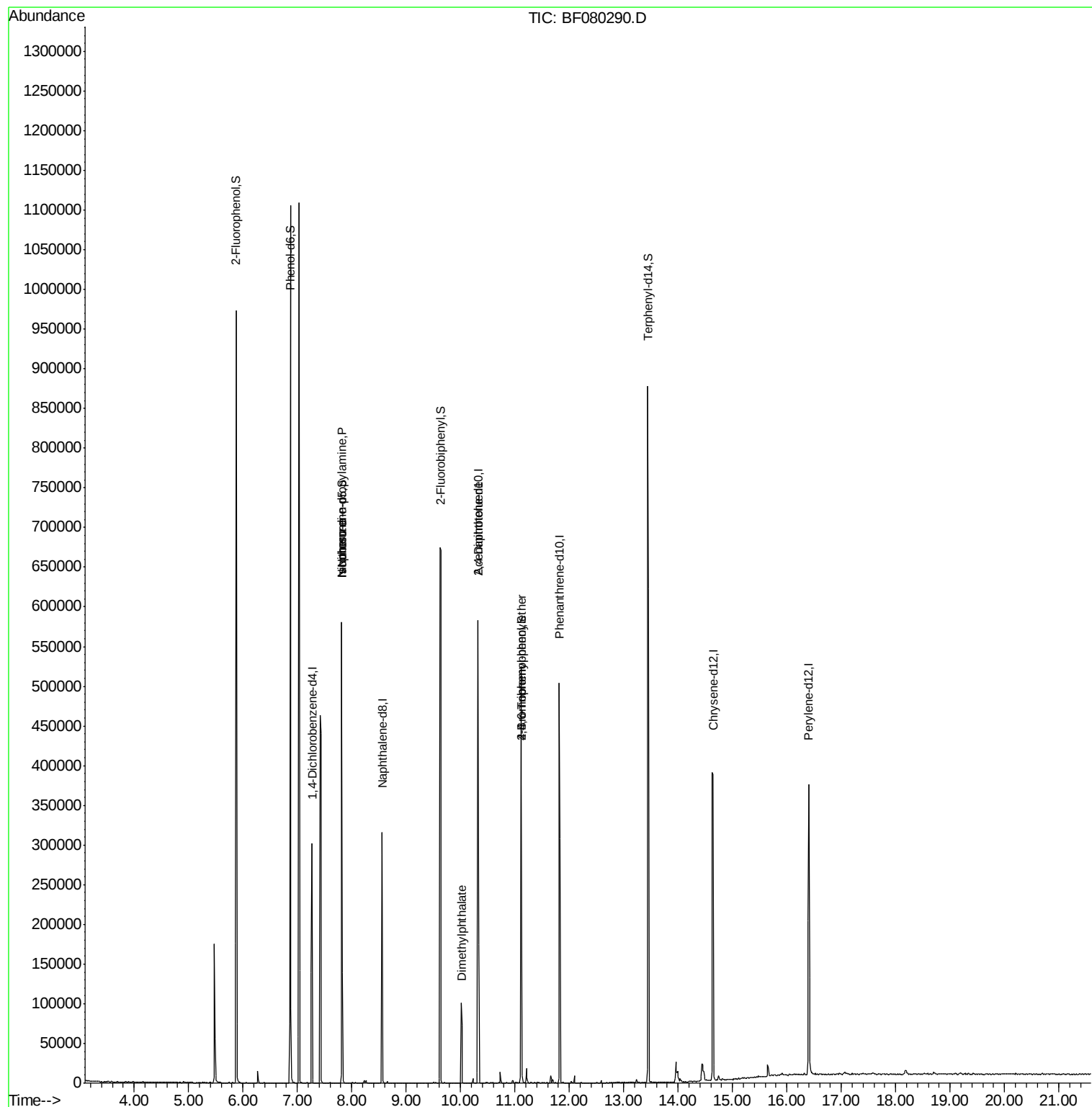
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	53913	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	205525	20.00	ng	0.00
38) Acenaphthene-d10	10.32	164	114814	20.00	ng	0.00
63) Phenanthrene-d10	11.82	188	233678	20.00	ng	-0.01
75) Chrysene-d12	14.64	240	222038	20.00	ng	-0.10
86) Perylene-d12	16.40	264	201060	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.88	112	245884	78.98	ng	0.00
7) Phenol-d6	6.87	99	320912	76.79	ng	0.00
23) Nitrobenzene-d5	7.82	82	175586	47.04	ng	0.00
41) 2,4,6-Tribromophenol	11.12	330	76305	69.80	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	331715	41.58	ng	0.00
78) Terphenyl-d14	13.44	244	381678	40.27	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.82	70	22522	8.11	ng	# 83
25) Isophorone	7.82	82	173047	23.85	ng	# 65
49) Dimethylphthalate	10.02	163	56562	6.45	ng	99
56) 2,4-Dinitrotoluene	10.32	165	14037	6.04	ng	# 19
66) 4-Bromophenyl-phenylether	11.12	248	5196	2.06	ng	# 1

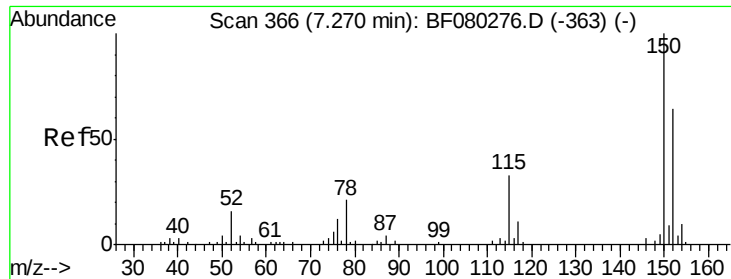
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF080290.D

Acq: 2 Jul 2015 1:58

Instrument :

BNA_F

ClientSampleId :

SIDEWALLNORTH(9FT)063015

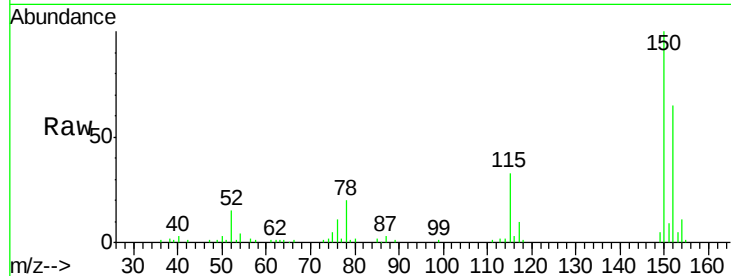
Tgt Ion:152 Resp: 53913

Ion Ratio Lower Upper

152 100

150 153.0 124.7 187.1

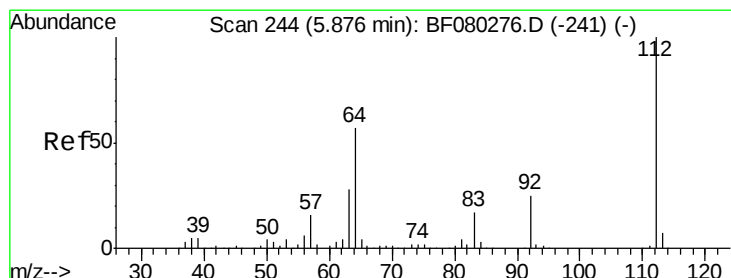
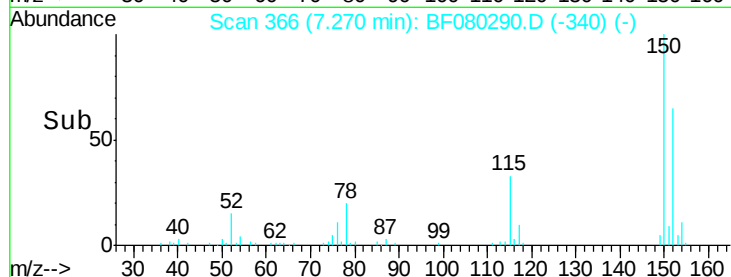
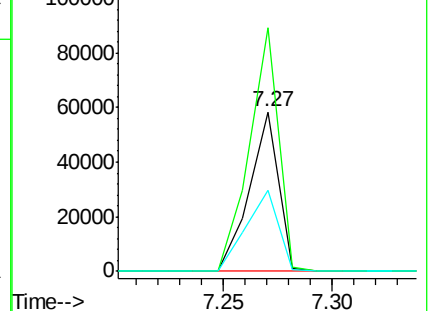
115 50.6 41.0 61.6



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: 78.98 ng

RT: 5.88 min Scan# 244

Delta R.T. 0.00 min

Lab File: BF080290.D

Acq: 2 Jul 2015 1:58

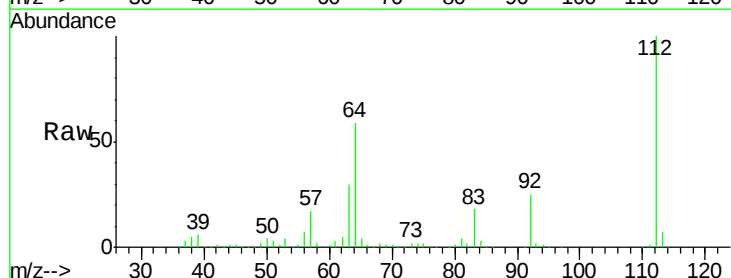
Tgt Ion:112 Resp: 245884

Ion Ratio Lower Upper

112 100

64 58.6 45.5 68.3

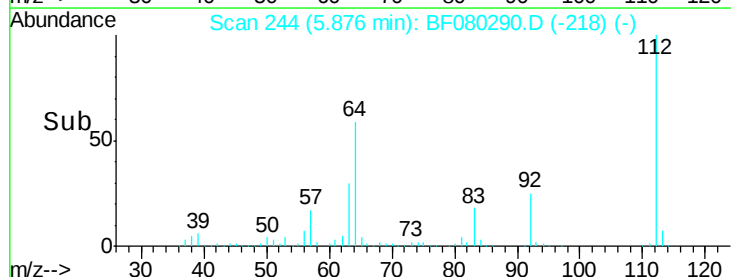
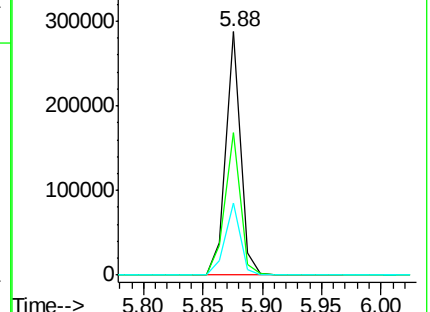
63 29.5 22.4 33.6

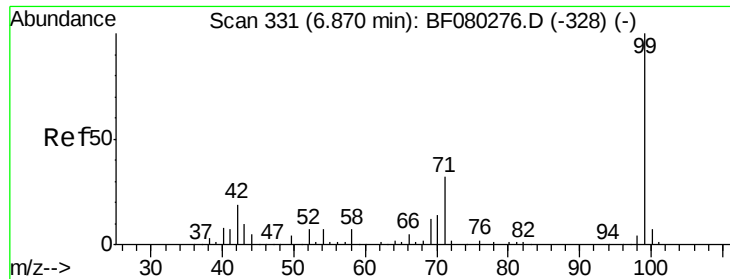


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 76.79 ng

RT: 6.87 min Scan# 331

Delta R.T. 0.00 min

Lab File: BF080290.D

Acq: 2 Jul 2015 1:58

Instrument :

BNA_F

ClientSampleId :

SIDEWALLNORTH(9FT)063015

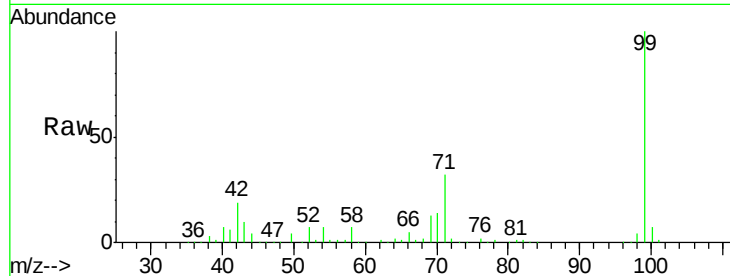
Tgt Ion: 99 Resp: 320912

Ion Ratio Lower Upper

99 100

42 19.0 15.4 23.2

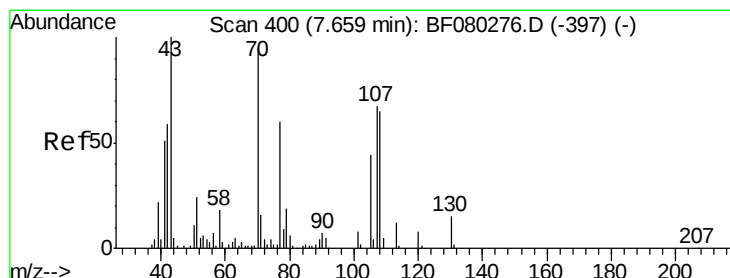
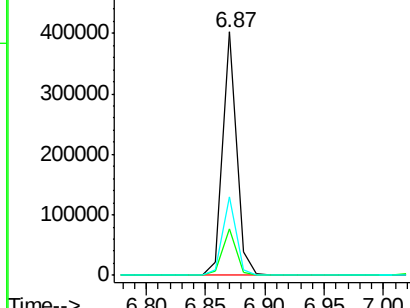
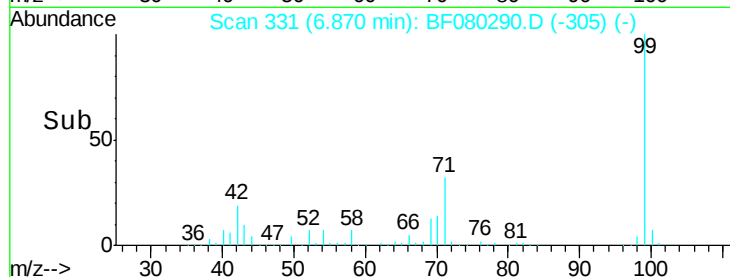
71 32.0 25.8 38.8



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: 8.11 ng

RT: 7.82 min Scan# 414

Delta R.T. 0.16 min

Lab File: BF080290.D

Acq: 2 Jul 2015 1:58

Tgt Ion: 70 Resp: 22522

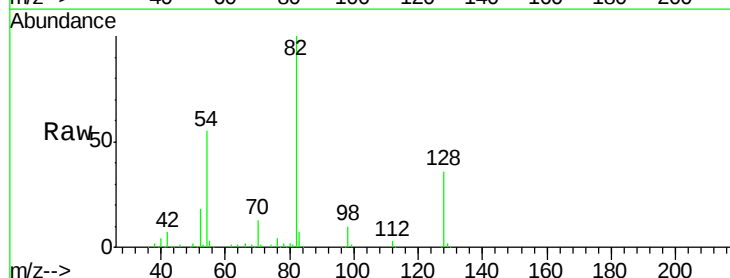
Ion Ratio Lower Upper

70 100

42 53.2 49.8 74.8

101 0.0 6.8 10.2#

130 1.2 13.0 19.4#

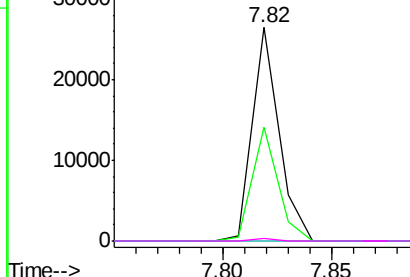
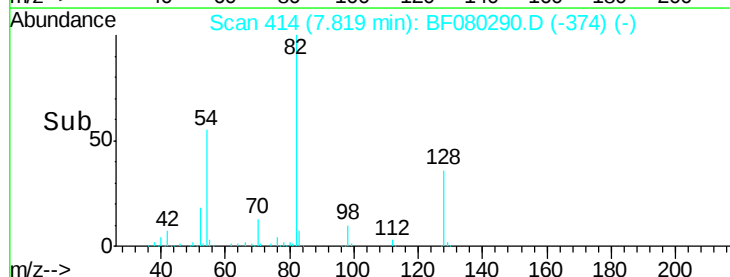


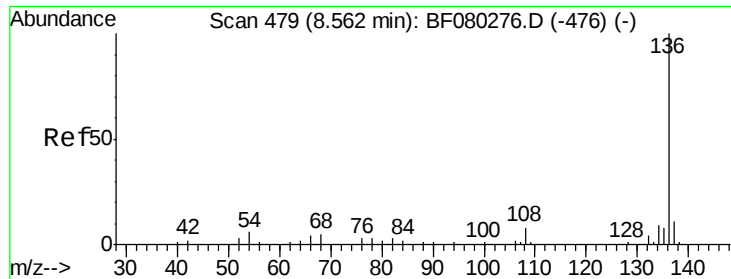
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

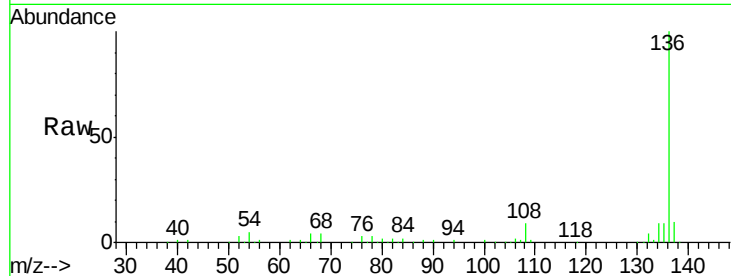




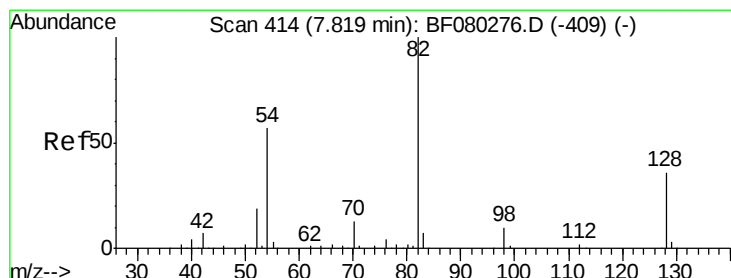
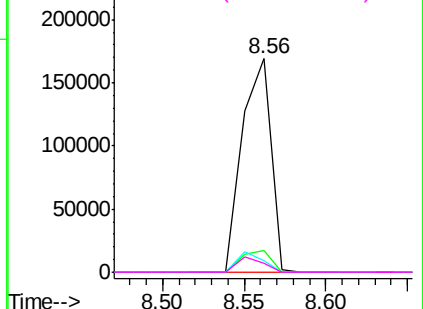
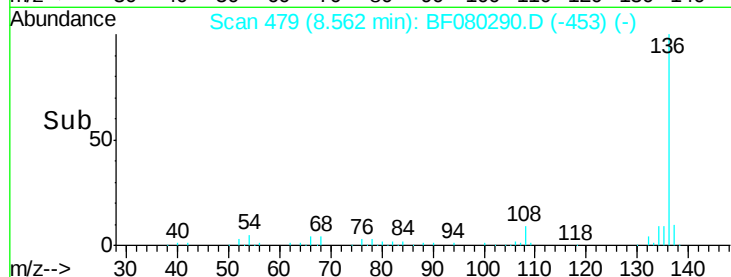
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.56 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF080290.D
Acq: 2 Jul 2015 1:58

Instrument :
BNA_F
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SIDEWALLNORTH(9FT)063015

Tgt Ion:	136	Resp:	205525
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.4	12.6
54	5.3	4.9	7.3
68	4.5	4.0	6.0

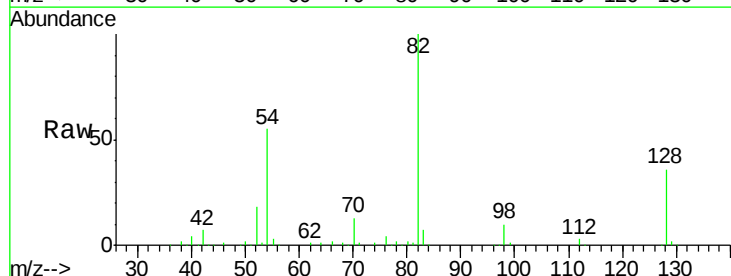


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

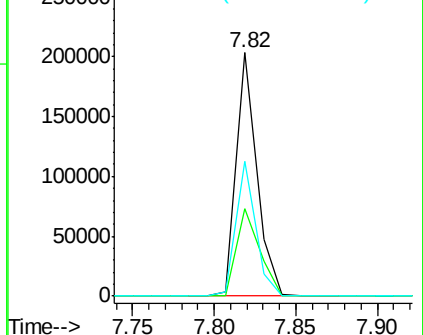
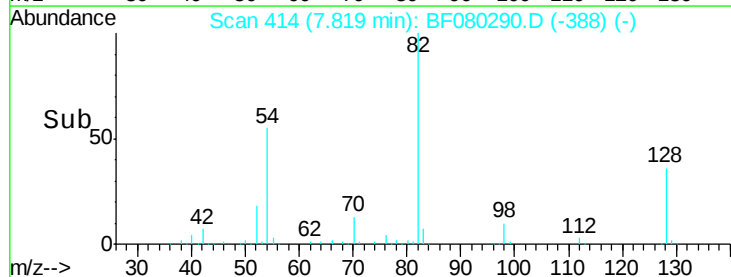


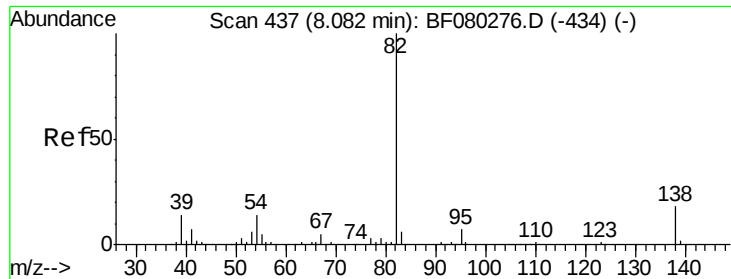
#23
Nitrobenzene-d5
Concen: 47.04 ng
RT: 7.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF080290.D
Acq: 2 Jul 2015 1:58

Tgt Ion:	82	Resp:	175586
Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.0	43.4
54	55.2	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: 23.85 ng

RT: 7.82 min Scan# 414

Delta R.T. -0.26 min

Lab File: BF080290.D

Acq: 2 Jul 2015 1:58

Instrument :

BNA_F

ClientSampleId :

SIDEWALLNORTH(9FT)063015

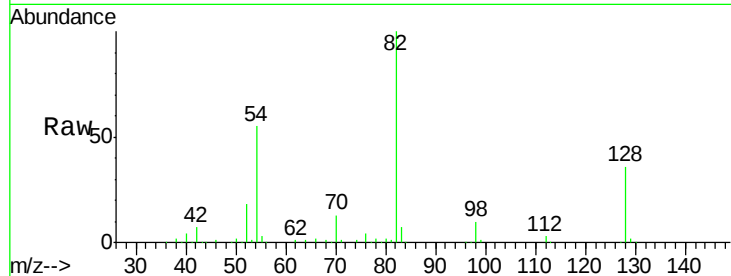
Tgt Ion: 82 Resp: 173047

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 14.4 21.6#

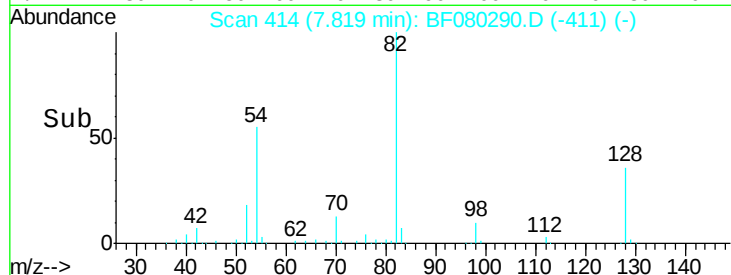


Abundance Ion 82.00 (81.70 to 82.70): BF0

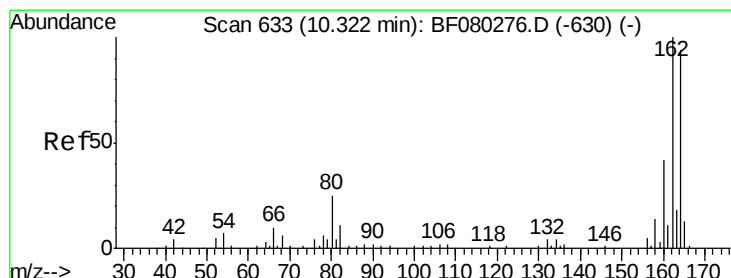
Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

Time-->



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.32 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF080290.D

Acq: 2 Jul 2015 1:58

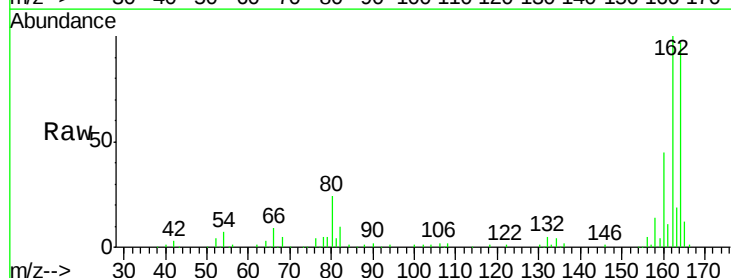
Tgt Ion: 164 Resp: 114814

Ion Ratio Lower Upper

164 100

162 103.2 84.8 127.2

160 46.0 35.8 53.8

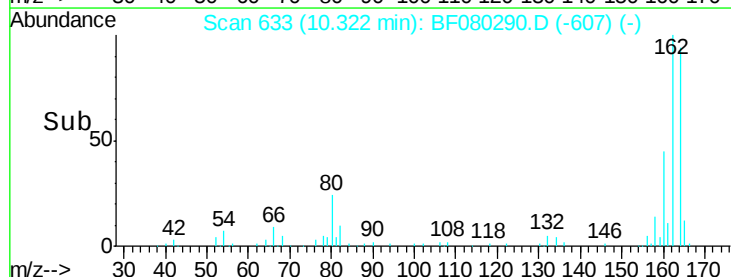


Abundance Ion 164.00 (163.70 to 164.70): E

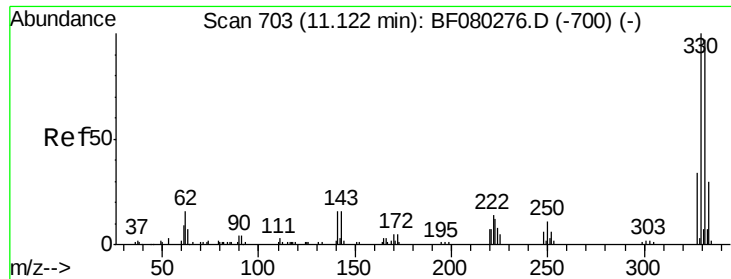
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



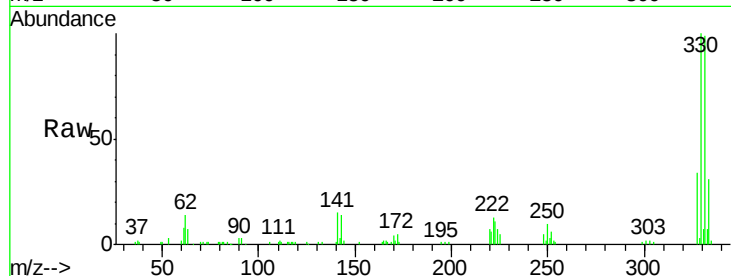
Time-->



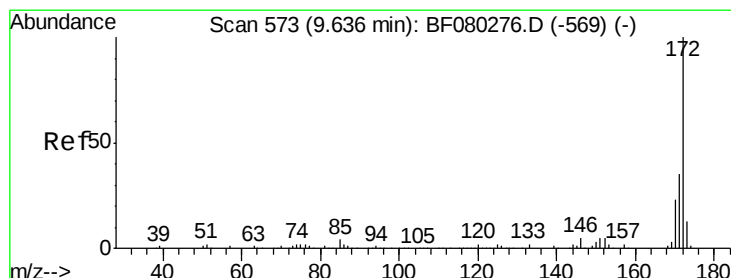
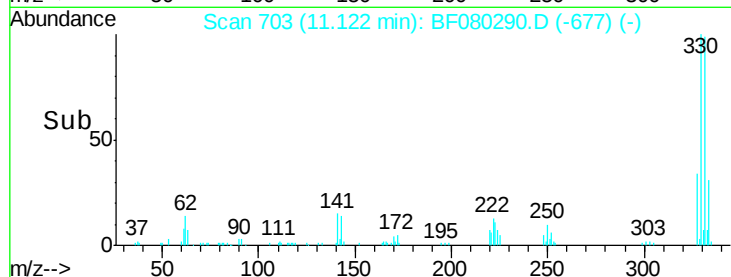
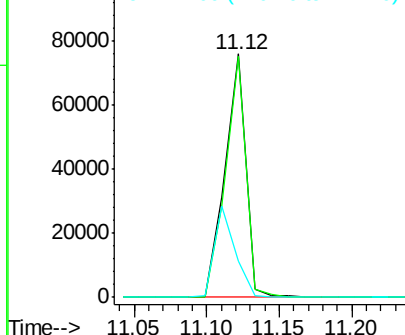
#41
 2,4,6-Tribromophenol
 Concen: 69.80 ng
 RT: 11.12 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BF080290.D
 Acq: 2 Jul 2015 1:58

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALLNORTH(9FT)063015

Tgt Ion:330 Resp: 76305
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 36.6 28.0 42.0

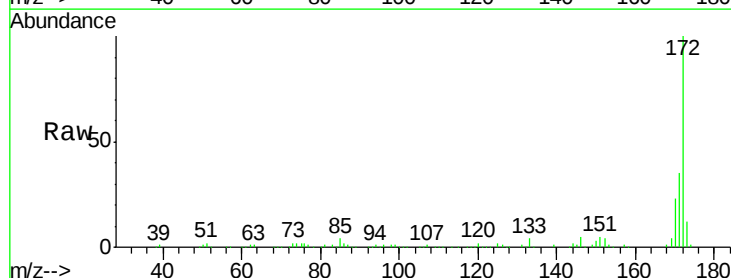


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

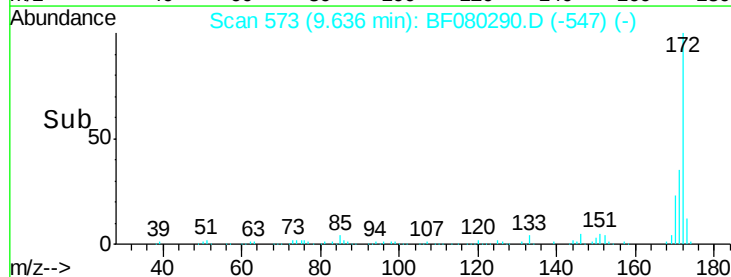
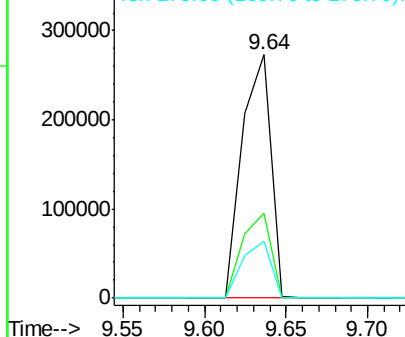


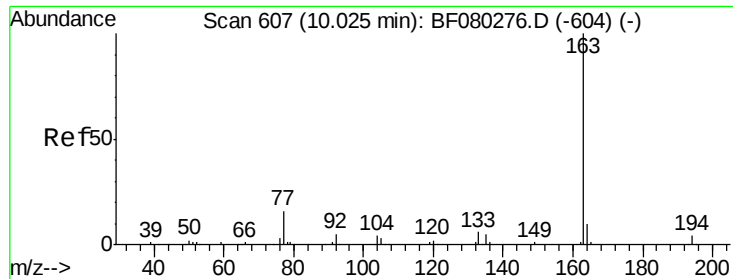
#44
 2-Fluorobiphenyl
 Concen: 41.58 ng
 RT: 9.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF080290.D
 Acq: 2 Jul 2015 1:58

Tgt Ion:172 Resp: 331715
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.1 42.1
 170 23.4 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

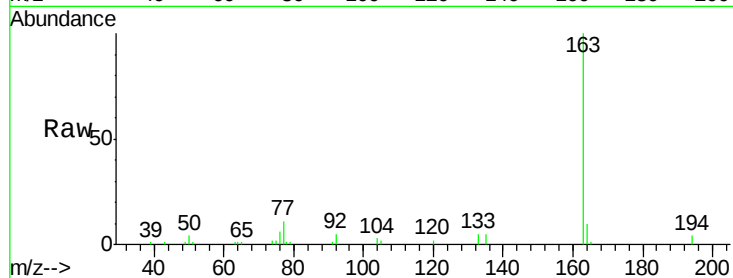




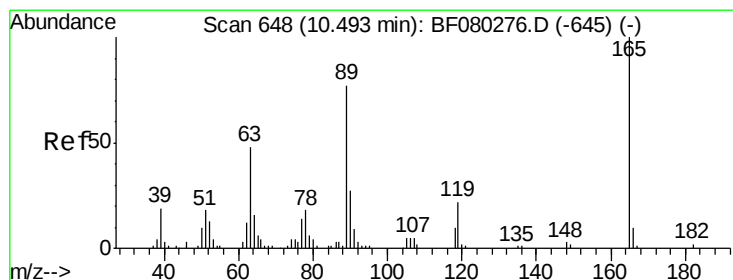
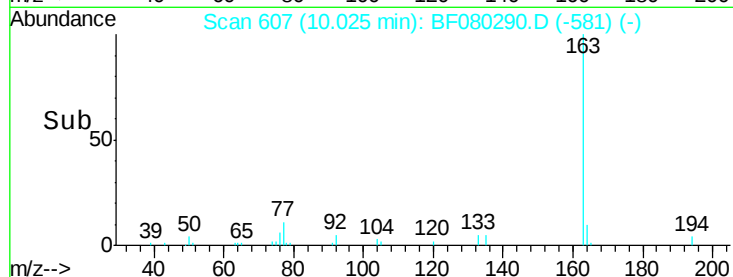
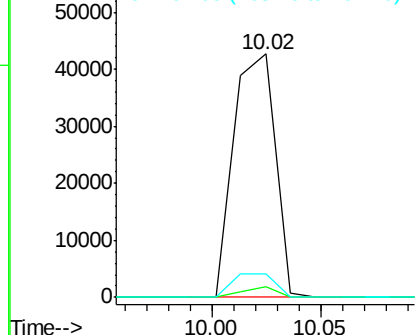
#49
Dimethylphthalate
Concen: 6.45 ng
RT: 10.02 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF080290.D
Acq: 2 Jul 2015 1:58

Instrument :
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SIDEWALLNORTH(9FT)063015

Tgt Ion:163 Resp: 56562
Ion Ratio Lower Upper
163 100
194 4.4 3.0 4.4
164 9.7 7.9 11.9

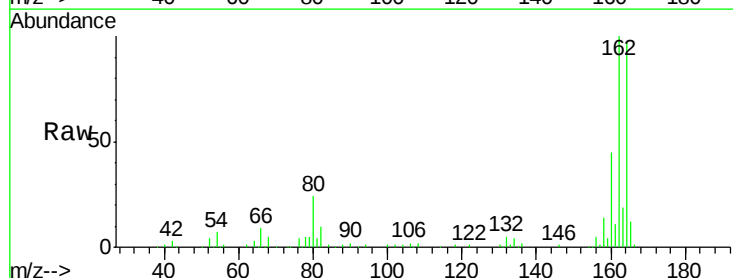


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

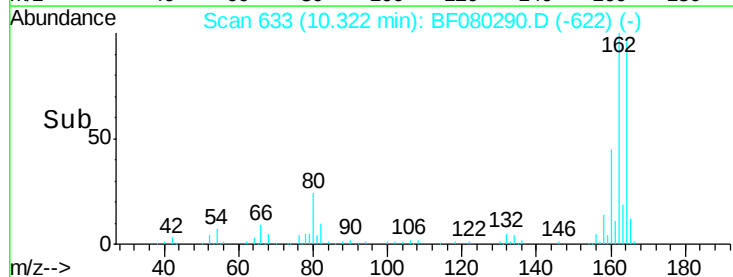
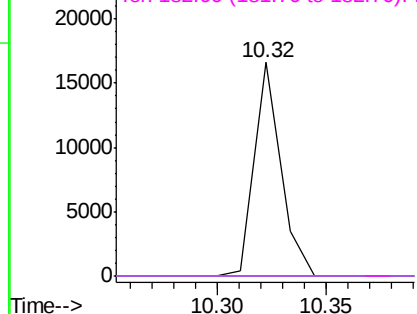


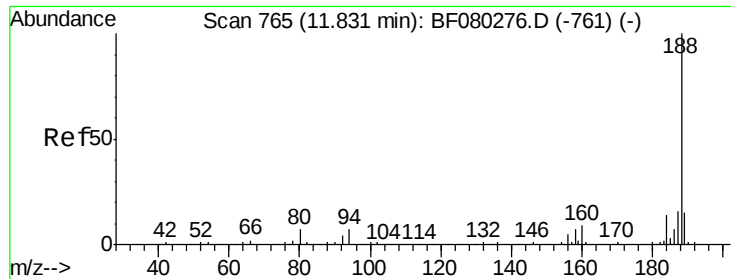
#56
2,4-Dinitrotoluene
Concen: 6.04 ng
RT: 10.32 min Scan# 633
Delta R.T. -0.17 min
Lab File: BF080290.D
Acq: 2 Jul 2015 1:58

Tgt Ion:165 Resp: 14037
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

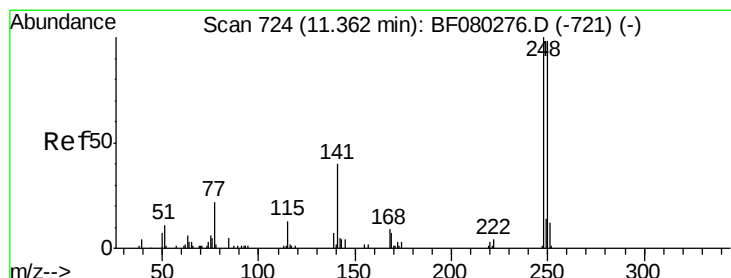
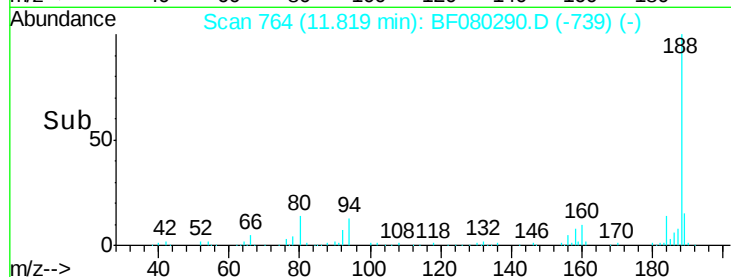
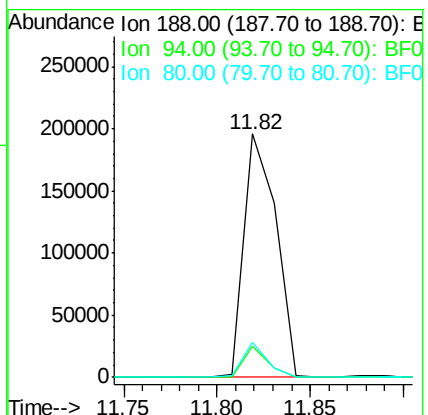
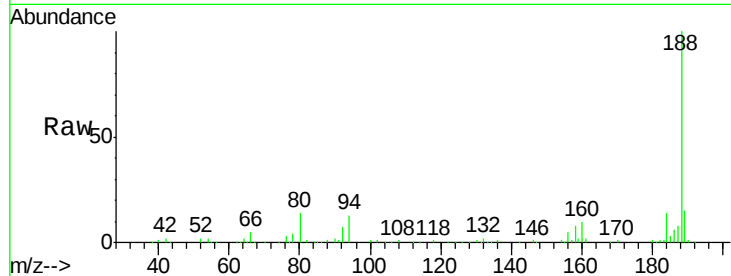




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.82 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF080290.D
Acq: 2 Jul 2015 1:58

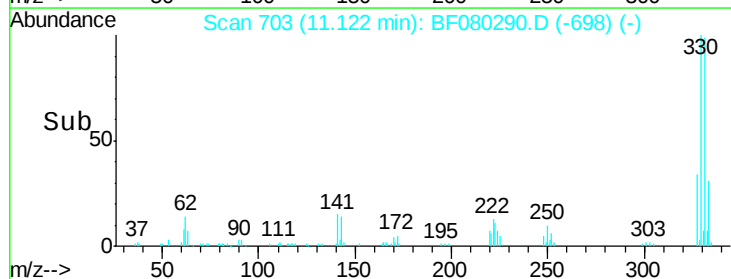
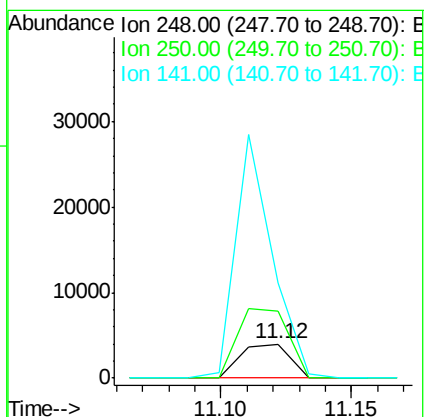
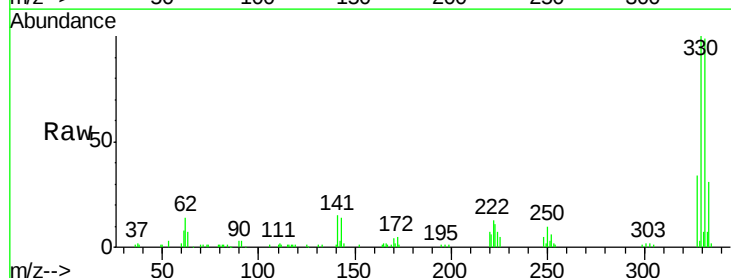
Instrument :
BNA_F
ClientSampleId :
SIDEWALLNORTH(9FT)063015

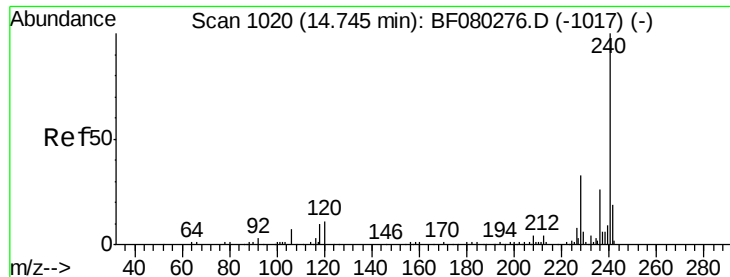
Tgt Ion:188 Resp: 233678
Ion Ratio Lower Upper
188 100
94 13.0 5.4 8.0#
80 14.2 5.8 8.6#



#66
4-Bromophenyl-phenylether
Concen: 2.06 ng
RT: 11.12 min Scan# 703
Delta R.T. -0.24 min
Lab File: BF080290.D
Acq: 2 Jul 2015 1:58

Tgt Ion:248 Resp: 5196
Ion Ratio Lower Upper
248 100
250 194.9 78.2 117.4#
141 280.9 31.9 47.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.64 min Scan# 1011

Delta R.T. -0.10 min

Lab File: BF080290.D

Acq: 2 Jul 2015 1:58

Instrument :

BNA_F

ClientSampleId :

SIDEWALLNORTH(9FT)063015

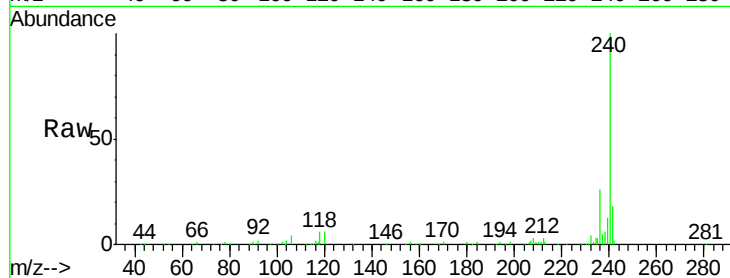
Tgt Ion:240 Resp: 222038

Ion Ratio Lower Upper

240 100

120 6.3 8.7 13.1#

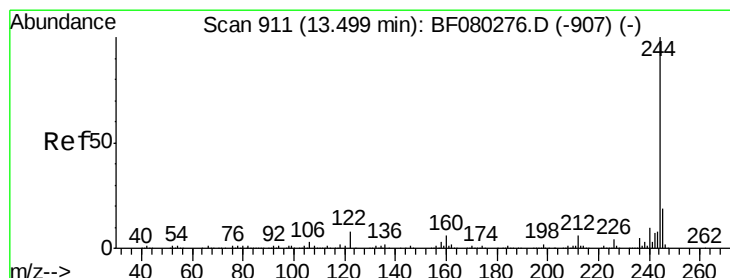
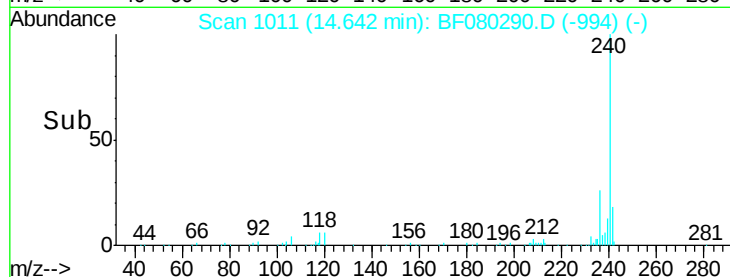
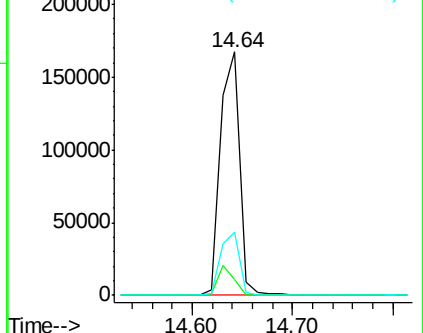
236 25.7 20.9 31.3



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: 40.27 ng

RT: 13.44 min Scan# 906

Delta R.T. -0.06 min

Lab File: BF080290.D

Acq: 2 Jul 2015 1:58

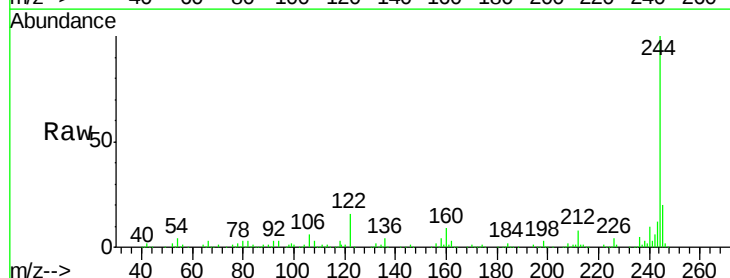
Tgt Ion:244 Resp: 381678

Ion Ratio Lower Upper

244 100

212 7.7 5.0 7.6#

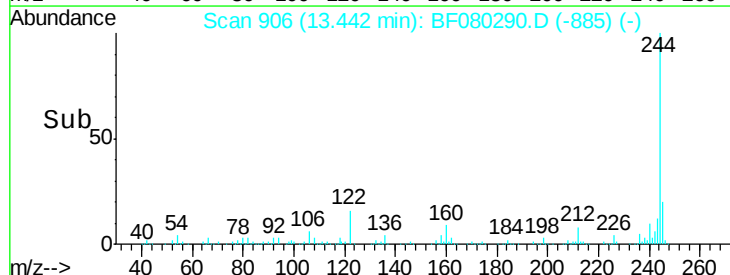
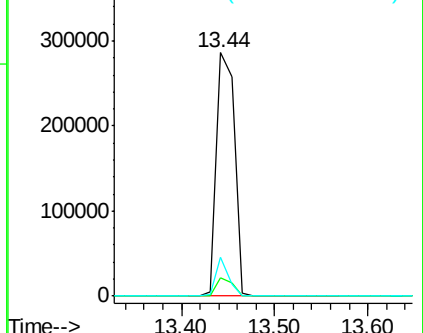
122 15.9 6.6 9.8#

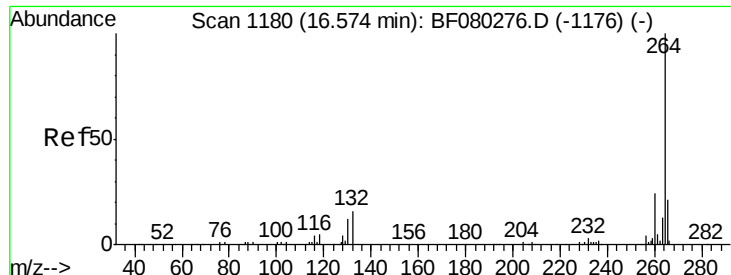


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

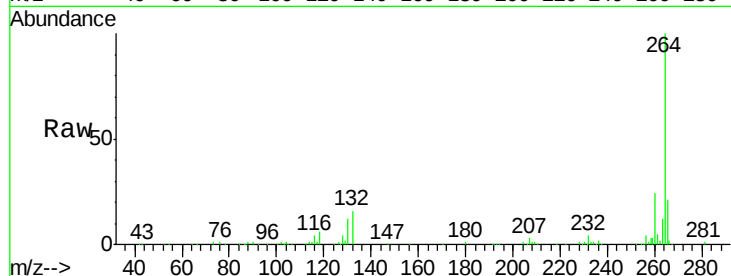




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.40 min Scan# 1165
Delta R.T. -0.17 min
Lab File: BF080290.D
Acq: 2 Jul 2015 1:58

Instrument :
BNA_F
ClientSampleId :
SIDEWALLNORTH(9FT)063015

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.0	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

