

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070115\
 Data File : BF080294.D
 Acq On : 2 Jul 2015 3:53
 Operator : TP/UM
 Sample : G2855-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMNW-1-63015

Quant Time: Jul 02 08:12:40 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

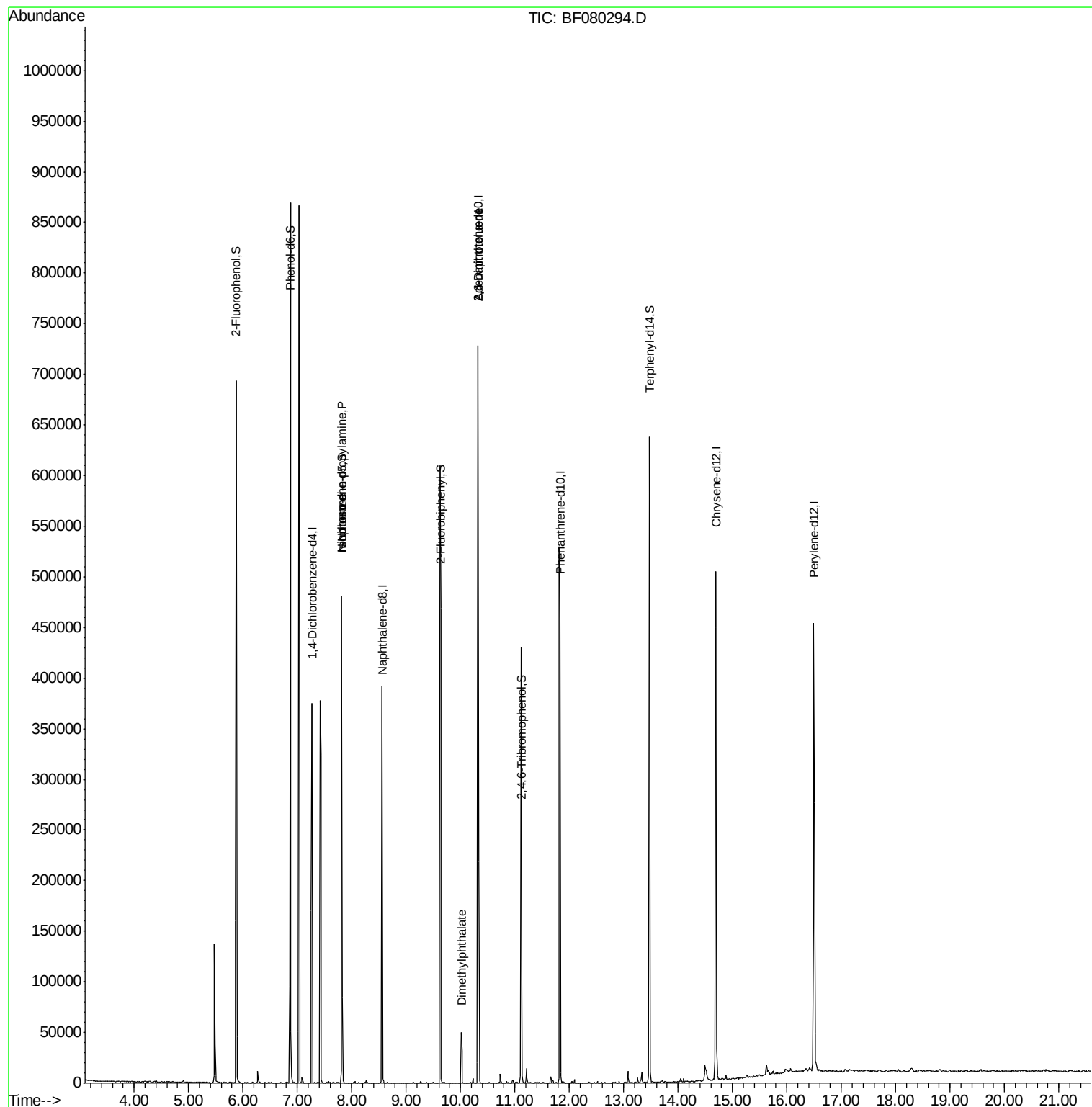
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	65631	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	256441	20.00	ng	0.00
38) Acenaphthene-d10	10.32	164	145028	20.00	ng	0.00
63) Phenanthrene-d10	11.83	188	280287	20.00	ng	0.00
75) Chrysene-d12	14.70	240	273860	20.00	ng	-0.05
86) Perylene-d12	16.49	264	248632	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.88	112	180597	47.65	ng	0.00
7) Phenol-d6	6.87	99	258556	50.82	ng	0.00
23) Nitrobenzene-d5	7.82	82	138932	29.83	ng	0.00
41) 2,4,6-Tribromophenol	11.12	330	54494	39.46	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	263173	26.12	ng	0.00
78) Terphenyl-d14	13.48	244	311765	26.67	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.82	70	17753	5.25	ng	# 83
25) Isophorone	7.82	82	136187	15.04	ng	# 65
49) Dimethylphthalate	10.02	163	26924	2.43	ng	98
50) 2,6-Dinitrotoluene	10.32	165	18409	8.13	ng	# 43
56) 2,4-Dinitrotoluene	10.32	165	18410	6.27	ng	# 19

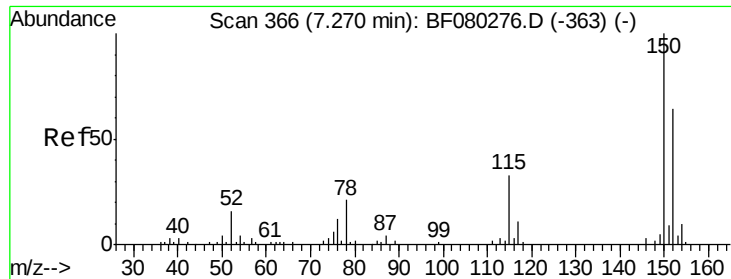
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070115\
Data File : BF080294.D
Acq On : 2 Jul 2015 3:53
Operator : TP/UM
Sample : G2855-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-1-63015

Quant Time: Jul 02 08:12:40 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF080294.D

Acq: 2 Jul 2015 3:53

Instrument :

BNA_F

ClientSampleId :

BOTTOMNW-1-63015

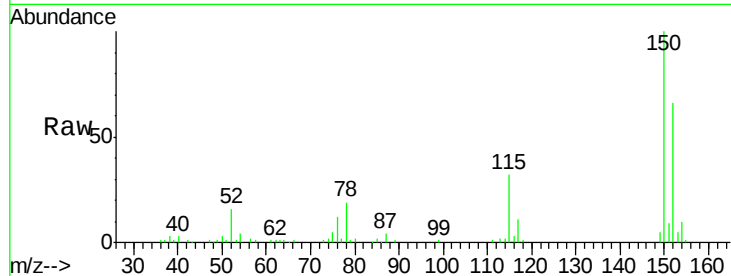
Tgt Ion:152 Resp: 65631

Ion Ratio Lower Upper

152 100

150 151.1 124.7 187.1

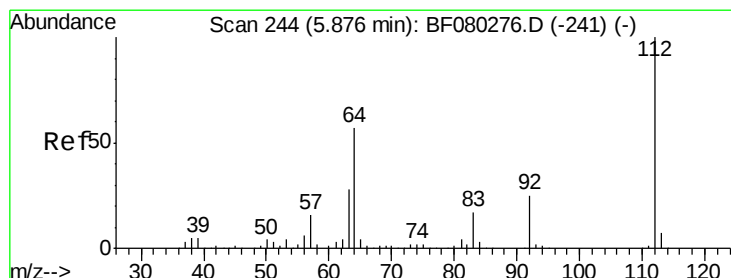
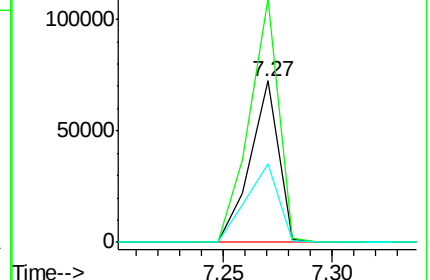
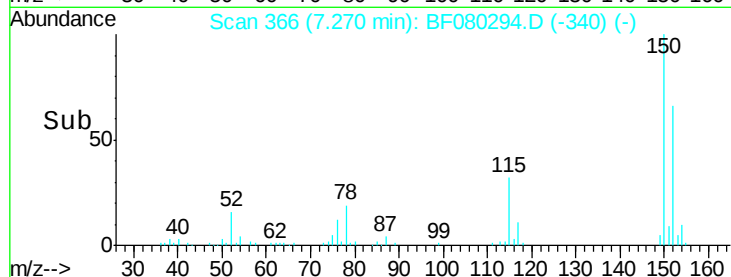
115 48.9 41.0 61.6



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: 47.65 ng

RT: 5.88 min Scan# 244

Delta R.T. 0.00 min

Lab File: BF080294.D

Acq: 2 Jul 2015 3:53

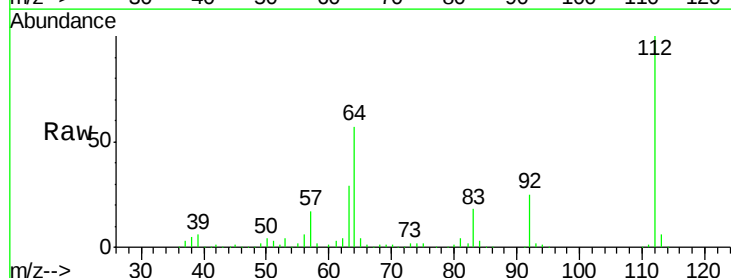
Tgt Ion:112 Resp: 180597

Ion Ratio Lower Upper

112 100

64 57.3 45.5 68.3

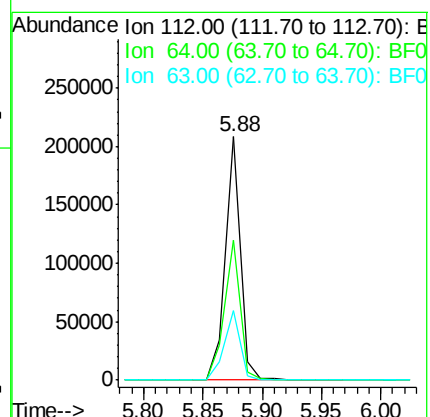
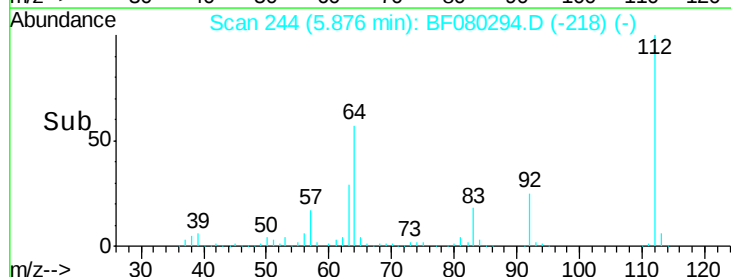
63 28.5 22.4 33.6

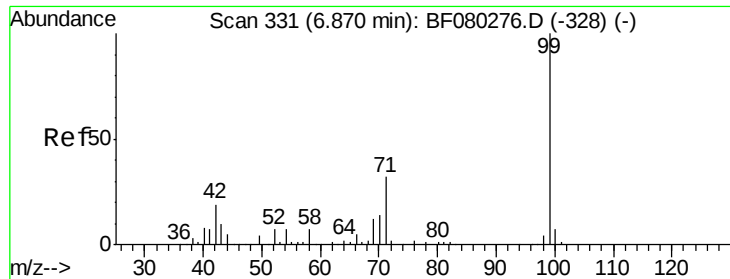


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 50.82 ng

RT: 6.87 min Scan# 331

Delta R.T. 0.00 min

Lab File: BF080294.D

Acq: 2 Jul 2015 3:53

Instrument :

BNA_F

ClientSampleId :

BOTTOMNW-1-63015

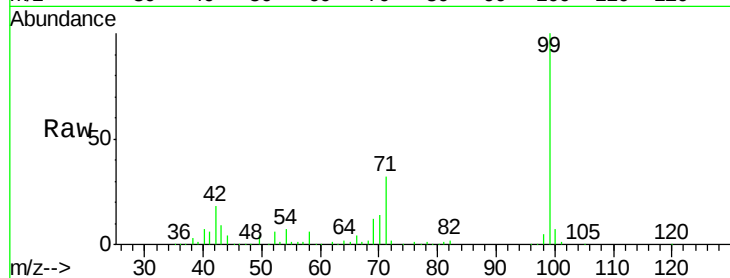
Tgt Ion: 99 Resp: 258556

Ion Ratio Lower Upper

99 100

42 17.7 15.4 23.2

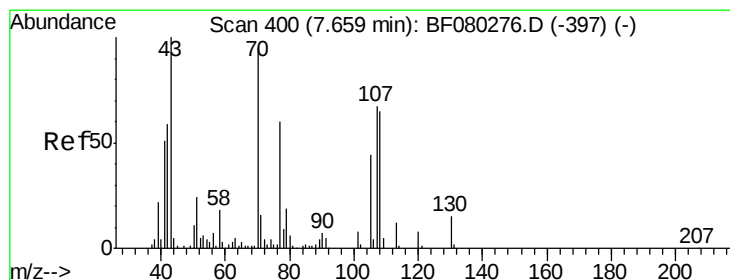
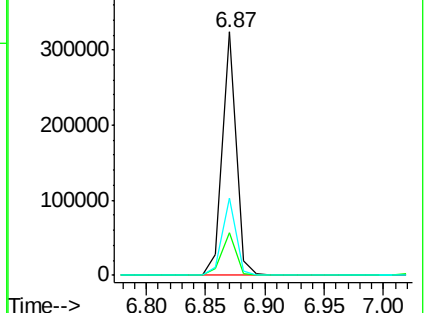
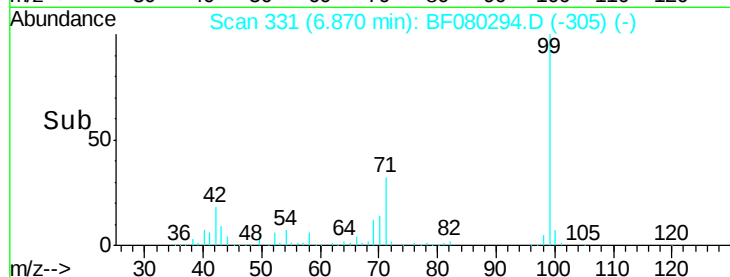
71 31.6 25.8 38.8



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: 5.25 ng

RT: 7.82 min Scan# 414

Delta R.T. 0.16 min

Lab File: BF080294.D

Acq: 2 Jul 2015 3:53

Tgt Ion: 70 Resp: 17753

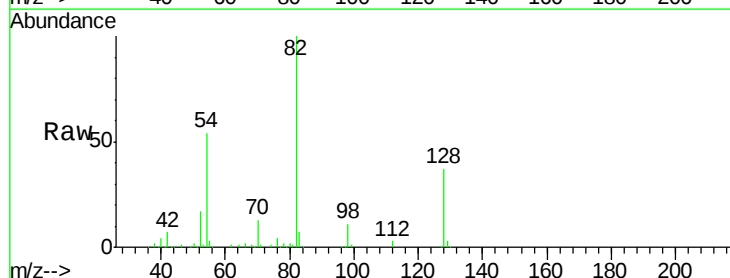
Ion Ratio Lower Upper

70 100

42 52.9 49.8 74.8

101 0.0 6.8 10.2#

130 1.6 13.0 19.4#

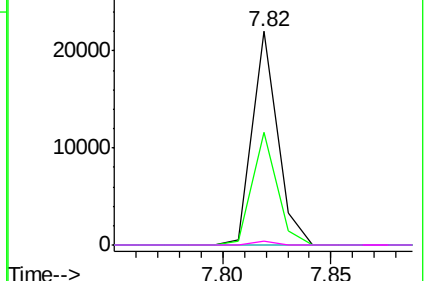
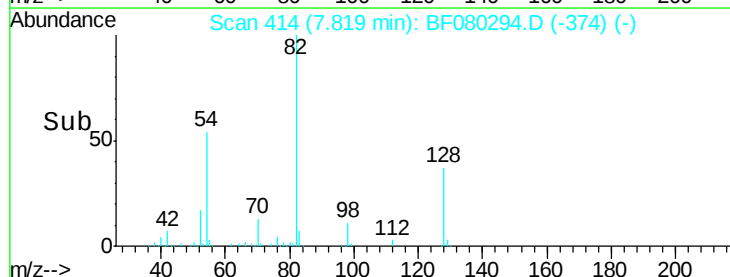


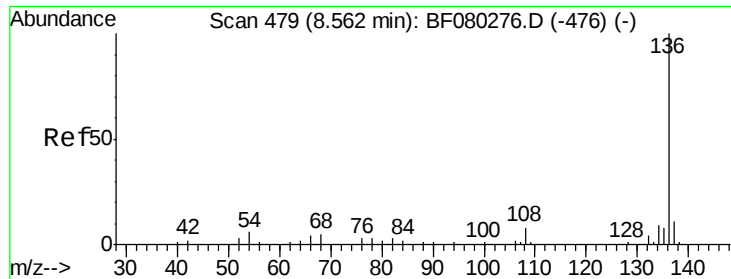
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

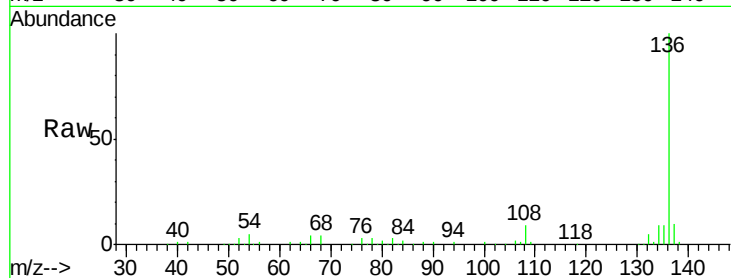




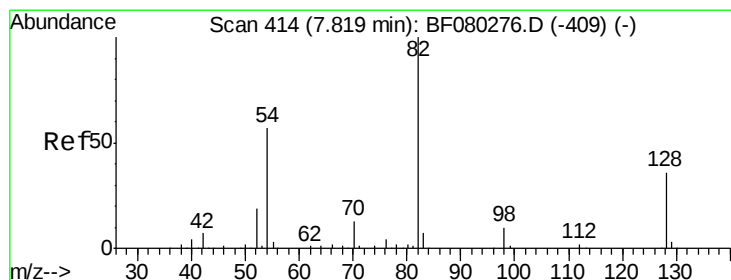
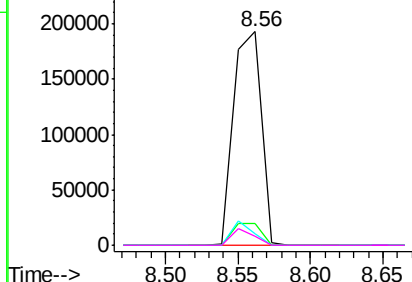
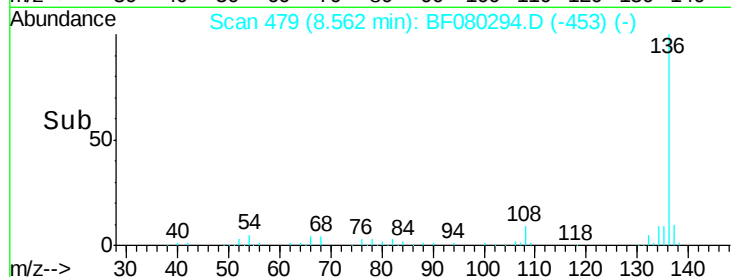
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.56 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF080294.D
Acq: 2 Jul 2015 3:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-1-63015

Tgt Ion:	136	Resp:	256441
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.4	12.6
54	5.4	4.9	7.3
68	4.1	4.0	6.0

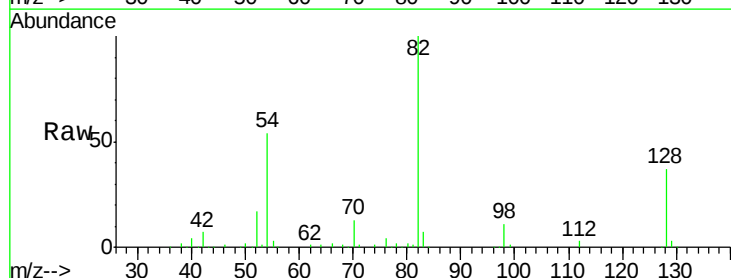


Abundance Ion 136.00 (135.70 to 136.70): E
300000
Ion 137.00 (136.70 to 137.70): E
250000
Ion 54.00 (53.70 to 54.70): BF0
200000
Ion 68.00 (67.70 to 68.70): BF0
150000
100000
50000
0

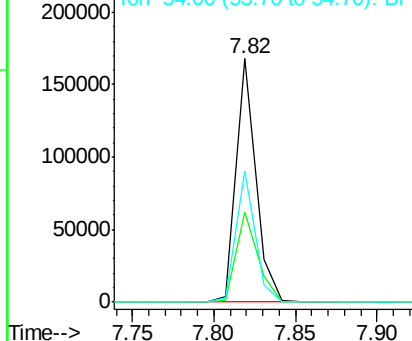
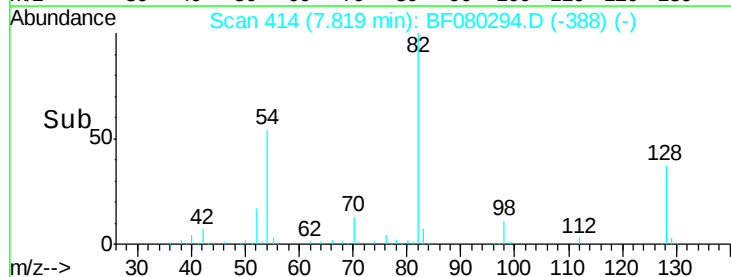


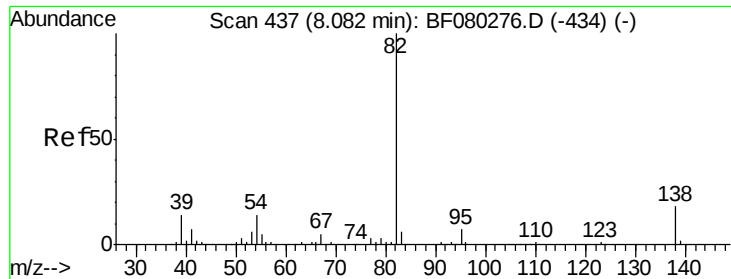
#23
Nitrobenzene-d5
Concen: 29.83 ng
RT: 7.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF080294.D
Acq: 2 Jul 2015 3:53

Tgt Ion:	82	Resp:	138932
Ion	Ratio	Lower	Upper
82	100		
128	37.1	29.0	43.4
54	53.9	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BF0
200000
Ion 128.00 (127.70 to 128.70): E
150000
Ion 54.00 (53.70 to 54.70): BF0
100000
50000
0





#25

Isophorone

Concen: 15.04 ng

RT: 7.82 min Scan# 414

Delta R.T. -0.26 min

Lab File: BF080294.D

Acq: 2 Jul 2015 3:53

Instrument :

BNA_F

ClientSampleId :

BOTTOMNW-1-63015

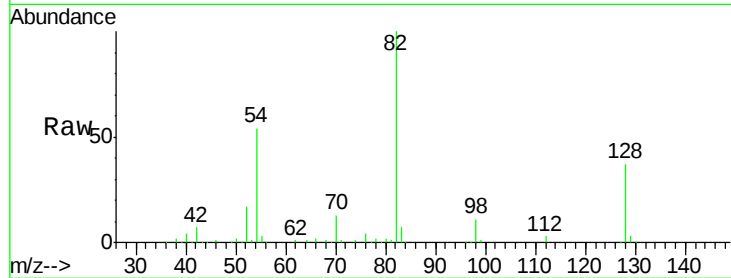
Tgt Ion: 82 Resp: 136187

Ion Ratio Lower Upper

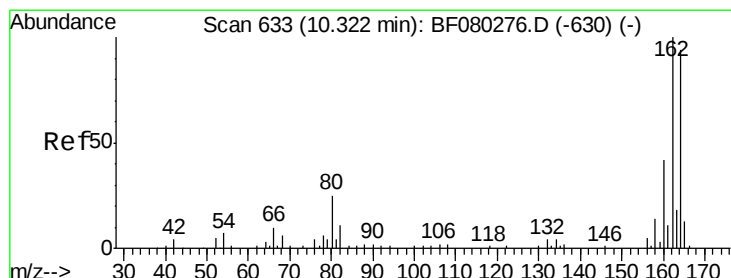
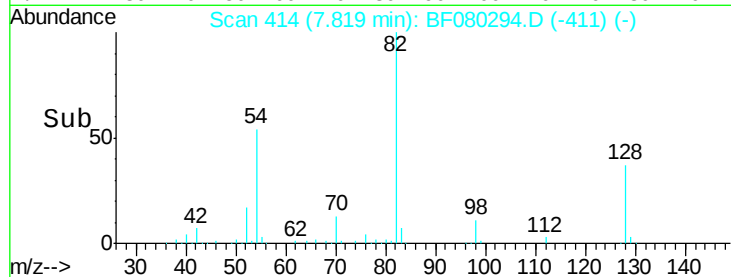
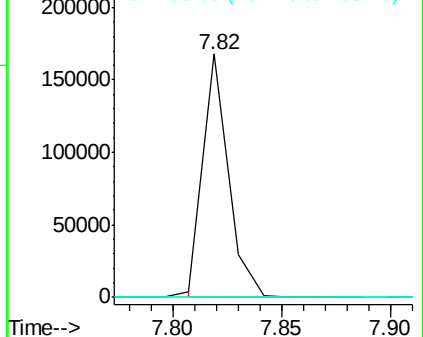
82 100

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: BF080294.D

Acq: 2 Jul 2015 3:53

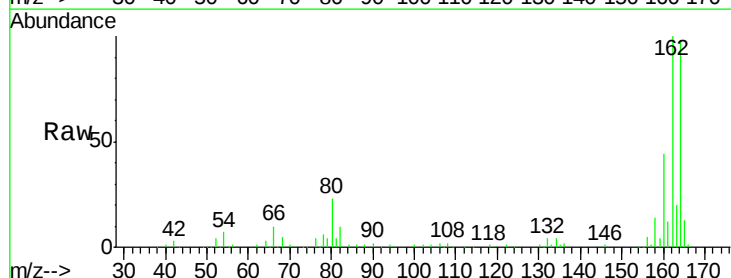
Tgt Ion: 164 Resp: 145028

Ion Ratio Lower Upper

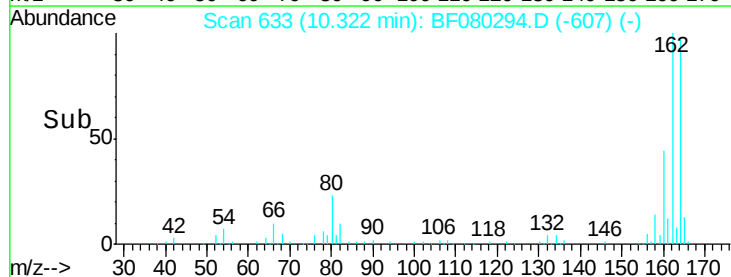
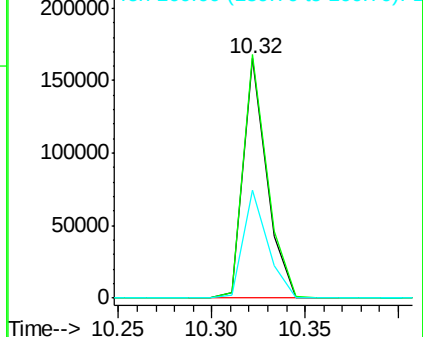
164 100

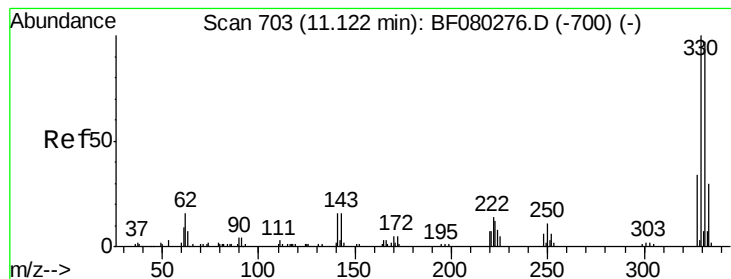
162 101.8 84.8 127.2

160 45.0 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

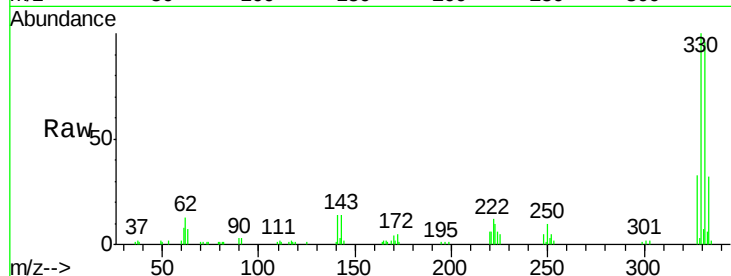




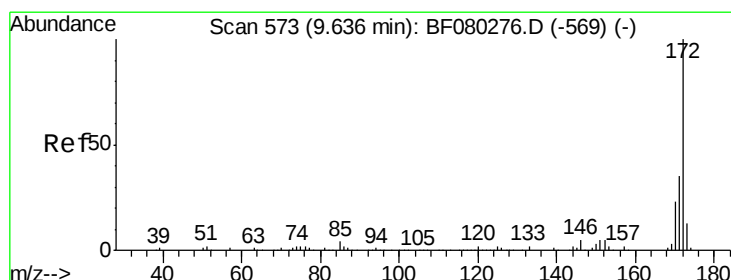
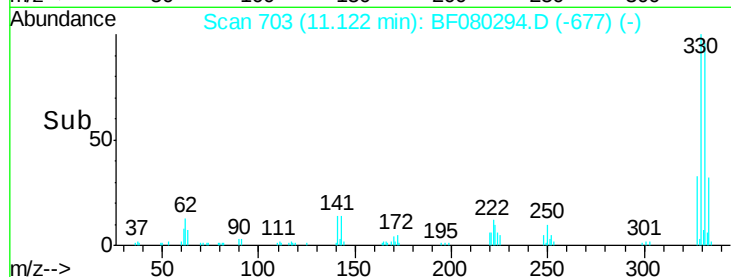
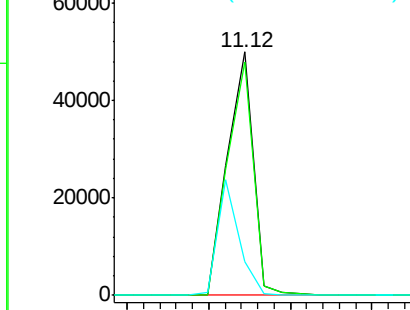
#41
 2,4,6-Tribromophenol
 Concen: 39.46 ng
 RT: 11.12 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BF080294.D
 Acq: 2 Jul 2015 3:53

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMNW-1-63015

Tgt Ion:330 Resp: 54494
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 39.8 28.0 42.0

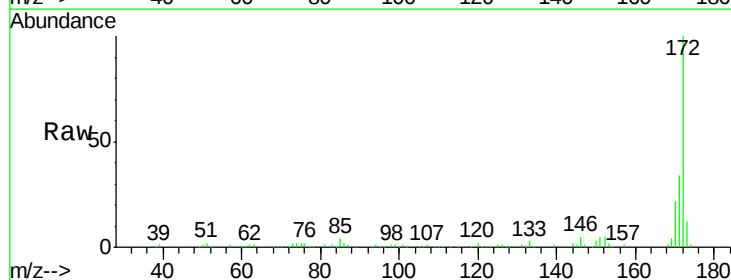


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

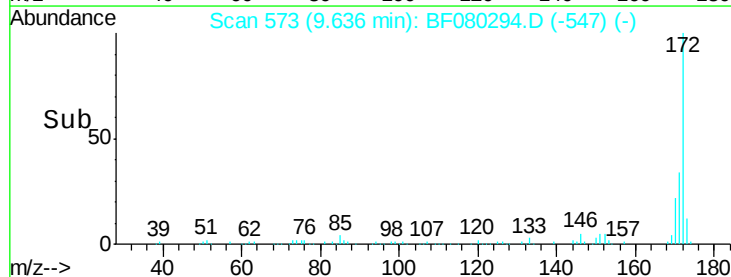
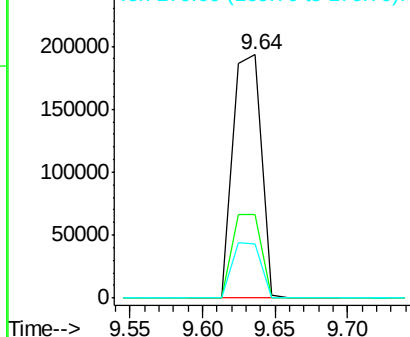


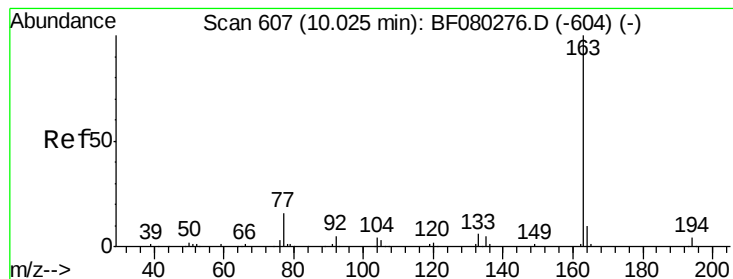
#44
 2-Fluorobiphenyl
 Concen: 26.12 ng
 RT: 9.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF080294.D
 Acq: 2 Jul 2015 3:53

Tgt Ion:172 Resp: 263173
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.1 42.1
 170 22.4 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: 2.43 ng

RT: 10.02 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF080294.D

Acq: 2 Jul 2015 3:53

Instrument :

BNA_F

ClientSampleId :

BOTTOMNW-1-63015

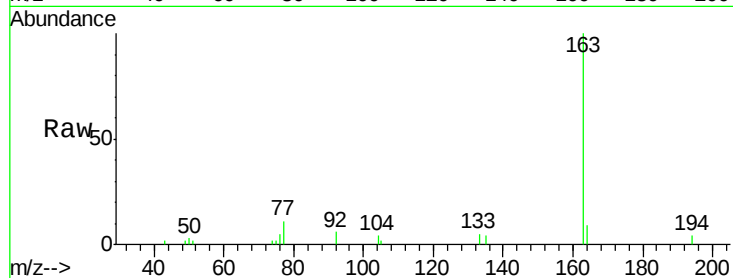
Tgt Ion:163 Resp: 26924

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.4

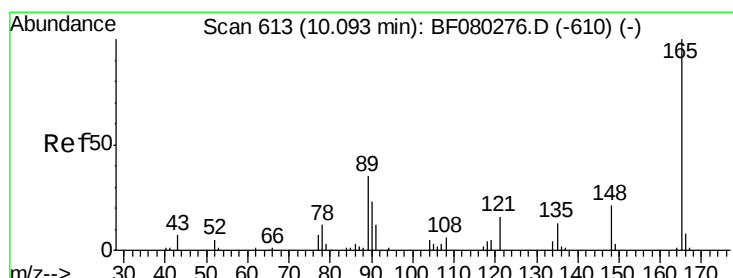
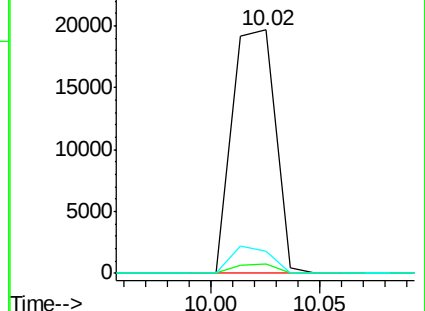
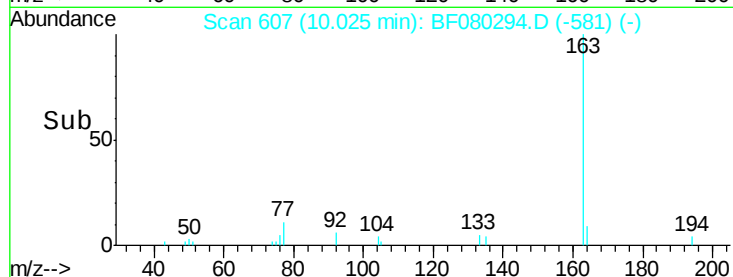
164 9.3 7.9 11.9



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



#50

2,6-Dinitrotoluene

Concen: 8.13 ng

RT: 10.32 min Scan# 633

Delta R.T. 0.23 min

Lab File: BF080294.D

Acq: 2 Jul 2015 3:53

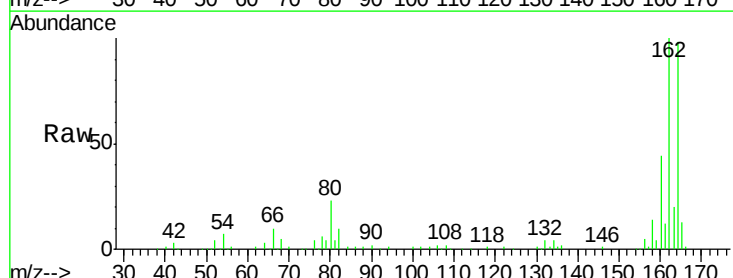
Tgt Ion:165 Resp: 18409

Ion Ratio Lower Upper

165 100

63 0.0 23.4 35.0#

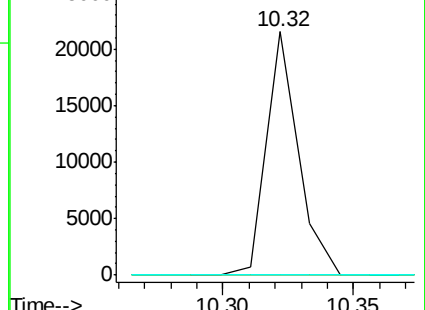
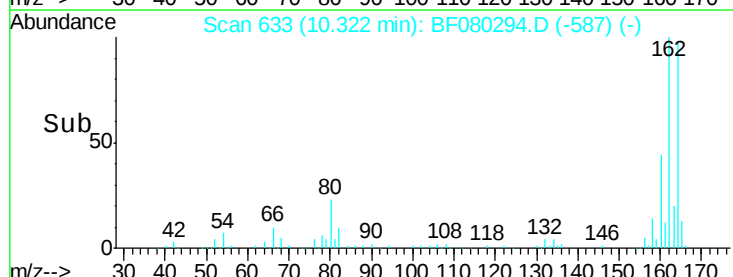
89 0.0 27.7 41.5#

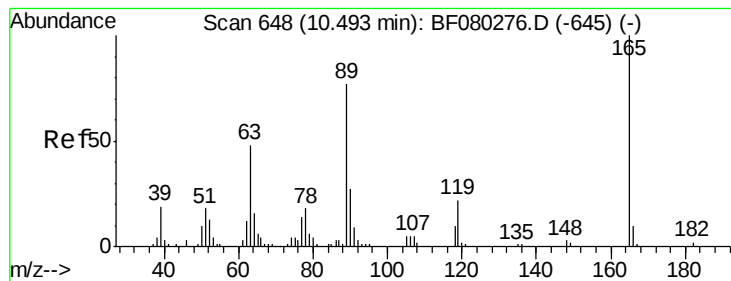


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 6.27 ng

RT: 10.32 min Scan# 633

Delta R.T. -0.17 min

Lab File: BF080294.D

Acq: 2 Jul 2015 3:53

Instrument :

BNA_F

ClientSampleId :

BOTTOMNW-1-63015

Tgt Ion:165 Resp: 18410

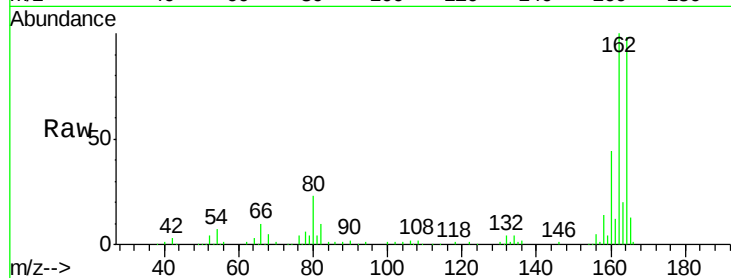
Ion Ratio Lower Upper

165 100

63 0.0 38.7 58.1#

89 0.0 62.0 93.0#

182 0.0 1.8 2.8#

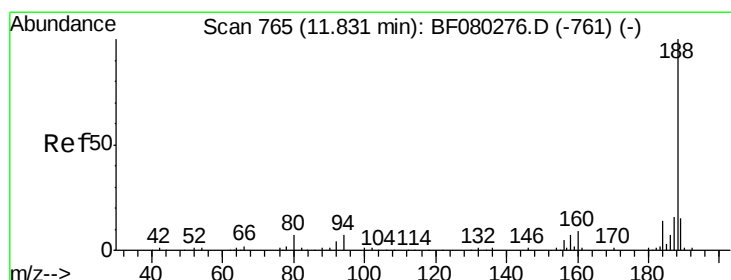
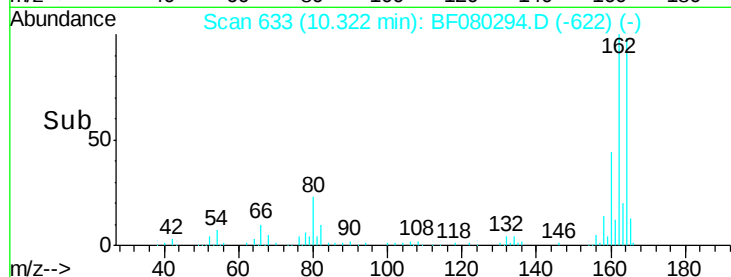
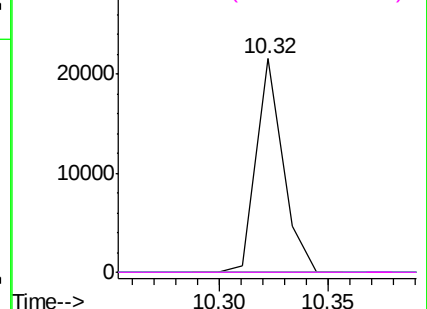


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF080294.D

Acq: 2 Jul 2015 3:53

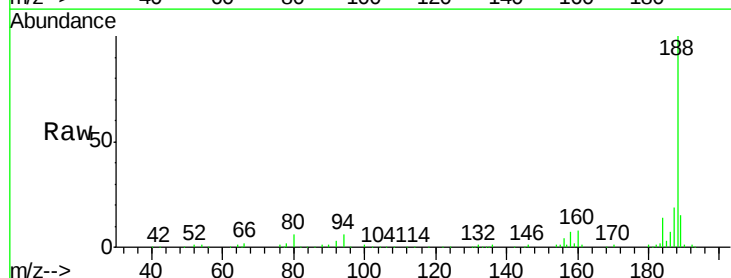
Tgt Ion:188 Resp: 280287

Ion Ratio Lower Upper

188 100

94 5.7 5.4 8.0

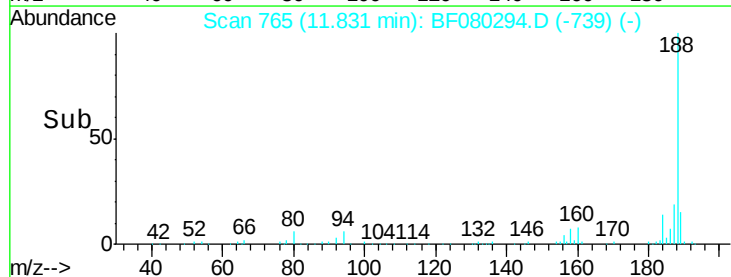
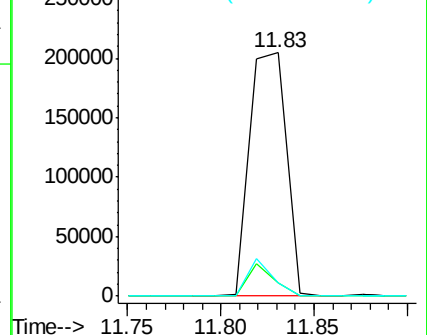
80 5.6 5.8 8.6#

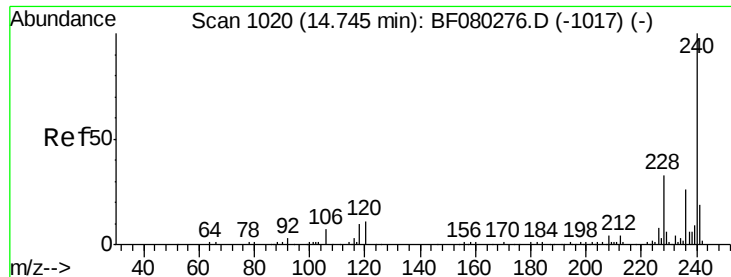


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.70 min Scan# 1016

Delta R.T. -0.05 min

Lab File: BF080294.D

Acq: 2 Jul 2015 3:53

Instrument :

BNA_F

ClientSampleId :

BOTTOMNW-1-63015

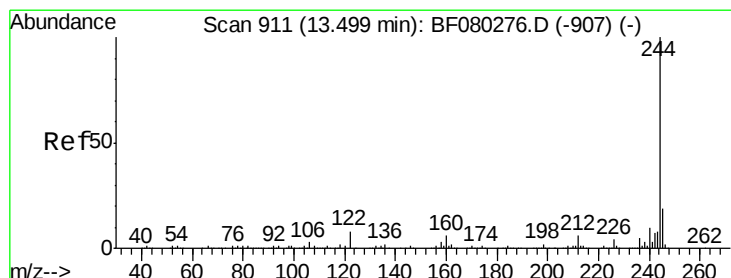
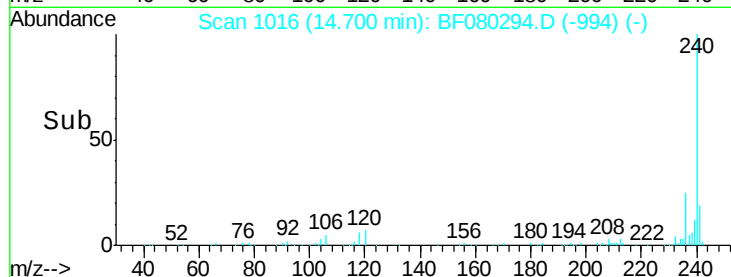
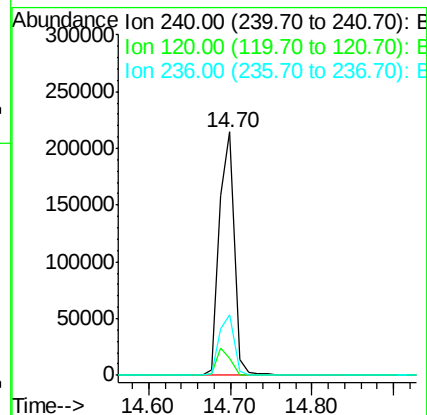
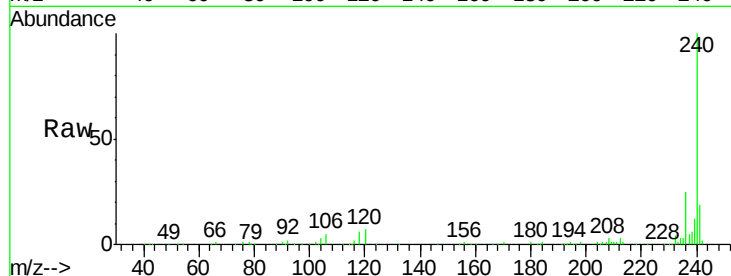
Tgt Ion:240 Resp: 273860

Ion Ratio Lower Upper

240 100

120 7.1 8.7 13.1#

236 25.0 20.9 31.3



#78

Terphenyl-d14

Concen: 26.67 ng

RT: 13.48 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF080294.D

Acq: 2 Jul 2015 3:53

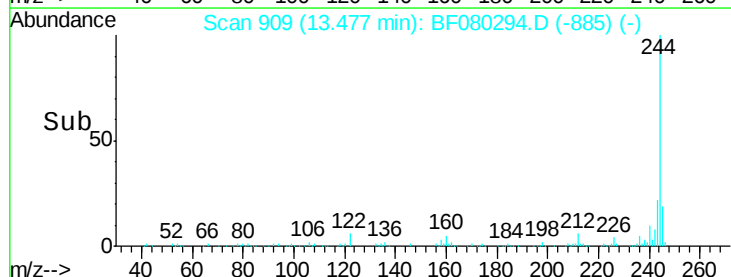
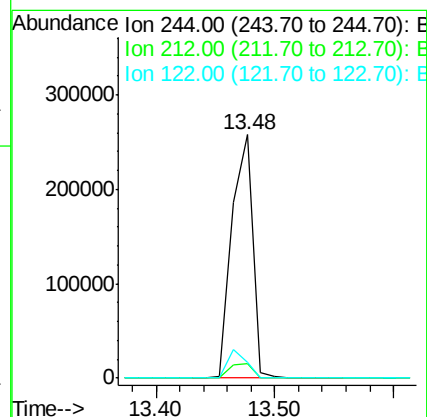
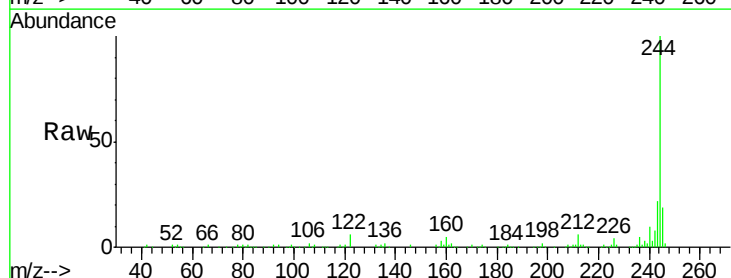
Tgt Ion:244 Resp: 311765

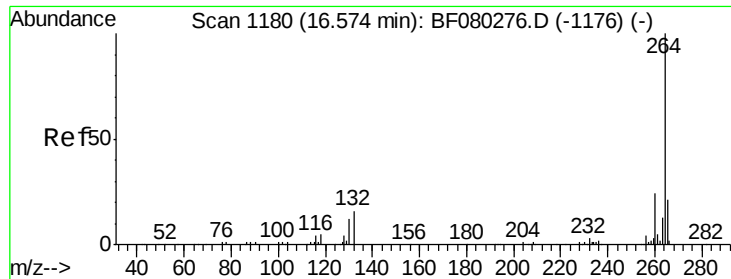
Ion Ratio Lower Upper

244 100

212 5.9 5.0 7.6

122 6.4 6.6 9.8#

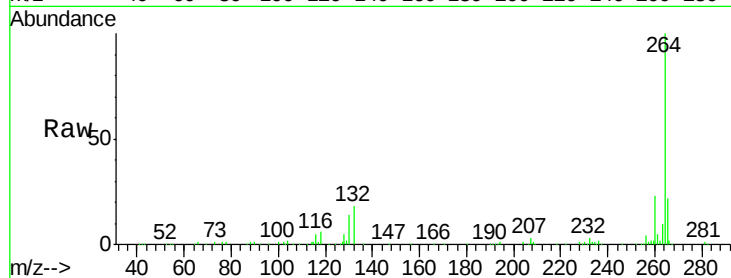




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.49 min Scan# 1173
Delta R.T. -0.08 min
Lab File: BF080294.D
Acq: 2 Jul 2015 3:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-1-63015

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.7	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

