

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
 Data File : BF080215.D
 Acq On : 29 Jun 2015 19:32
 Operator : TP/IZ
 Sample : G2829-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

Quant Time: Jun 30 01:46:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

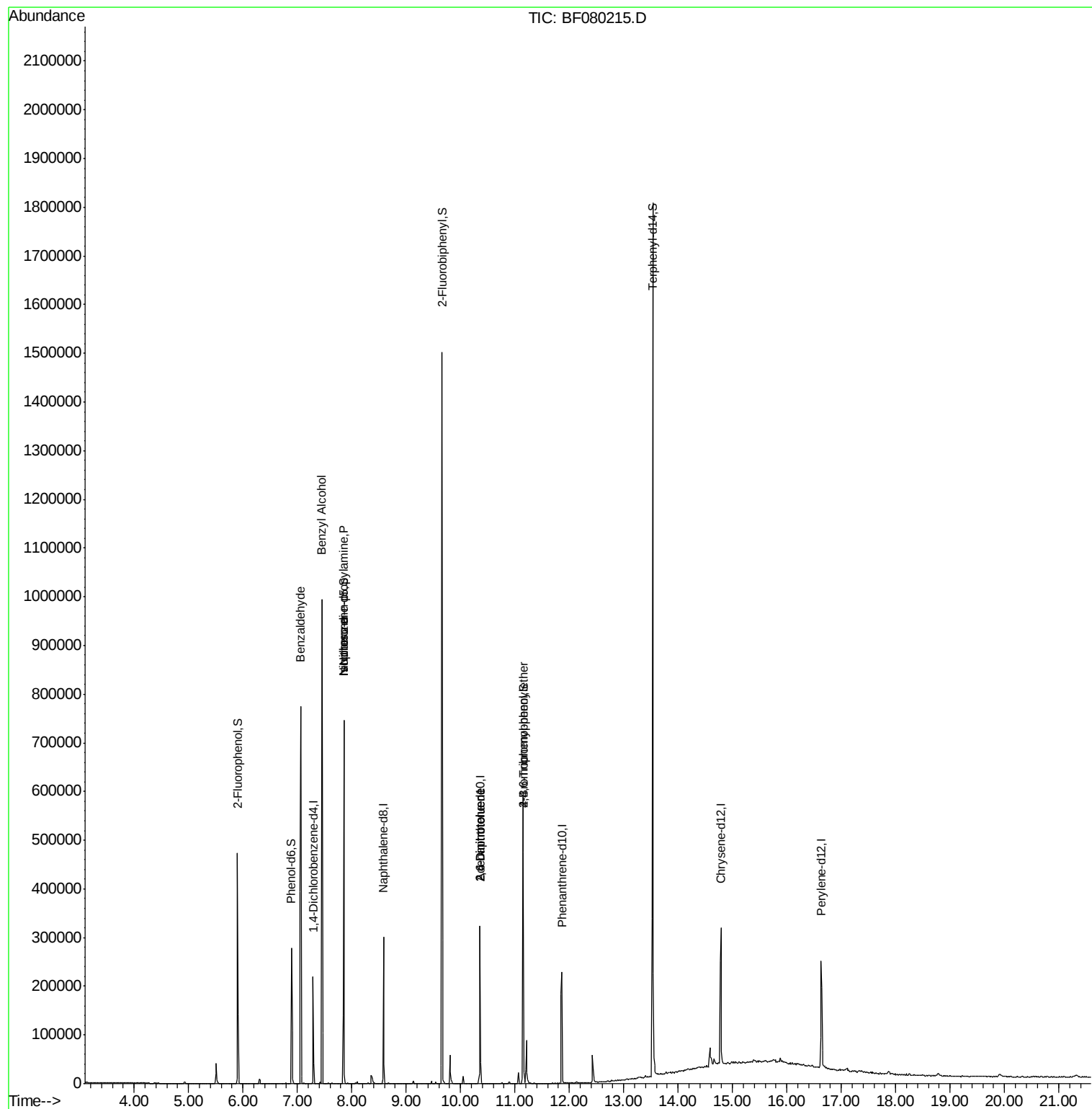
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	30974	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	121719	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	61068	20.00	ng	-0.03
63) Phenanthrene-d10	11.86	188	119381	20.00	ng	-0.05
75) Chrysene-d12	14.79	240	133749	20.00	ng	-0.21
86) Perylene-d12	16.63	264	133275	20.00	ng	-0.30
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	126409	72.24	ng	-0.03
7) Phenol-d6	6.89	99	101112	43.42	ng	-0.03
23) Nitrobenzene-d5	7.85	82	219124	104.80	ng	-0.02
41) 2,4,6-Tribromophenol	11.16	330	92673	155.19	ng	-0.02
44) 2-Fluorobiphenyl	9.66	172	440565	102.88	ng	-0.03
78) Terphenyl-d14	13.53	244	557261	97.31	ng	-0.14
Target Compounds						
9) Benzaldehyde	7.06	77	5455	4.06	ng	# 61
15) Benzyl Alcohol	7.45	79	3897	2.05	ng	# 32
19) n-Nitroso-di-n-propylamine	7.85	70	27652	17.11	ng	# 59
25) Isophorone	7.85	82	219115	52.07	ng	# 58
50) 2,6-Dinitrotoluene	10.36	165	7386	8.02	ng	# 37
56) 2,4-Dinitrotoluene	10.36	165	7387	6.32	ng	# 31
66) 4-Bromophenyl-phenylether	11.16	248	6433	5.07	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
Data File : BF080215.D
Acq On : 29 Jun 2015 19:32
Operator : TP/IZ
Sample : G2829-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01

Quant Time: Jun 30 01:46:20 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF080215.D

Acq: 29 Jun 2015 19:32

Instrument :

BNA_F

ClientSampleId :

DUP-01

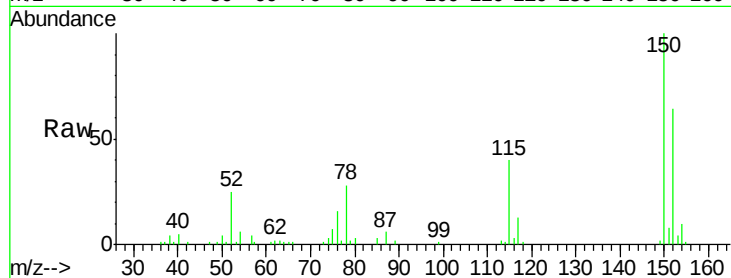
Tgt Ion:152 Resp: 30974

Ion Ratio Lower Upper

152 100

150 157.3 124.7 187.1

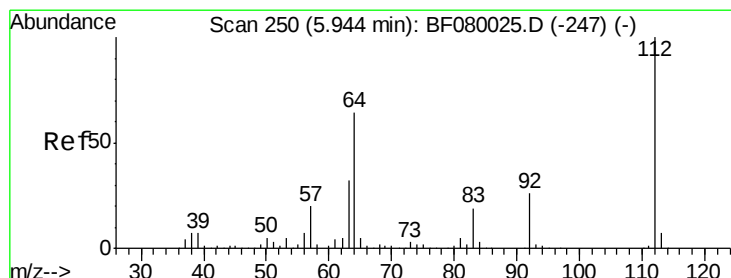
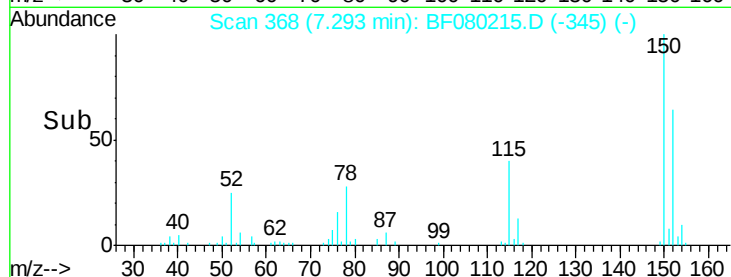
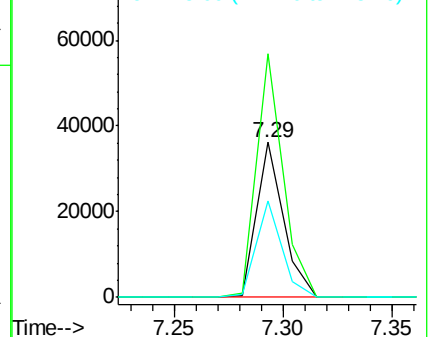
115 62.6 39.0 58.4#



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: 72.24 ng

RT: 5.90 min Scan# 246

Delta R.T. -0.03 min

Lab File: BF080215.D

Acq: 29 Jun 2015 19:32

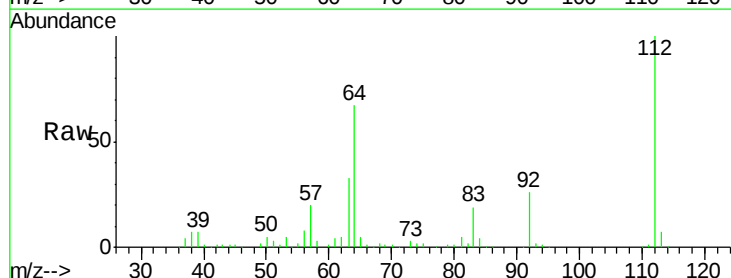
Tgt Ion:112 Resp: 126409

Ion Ratio Lower Upper

112 100

64 67.0 39.7 59.5#

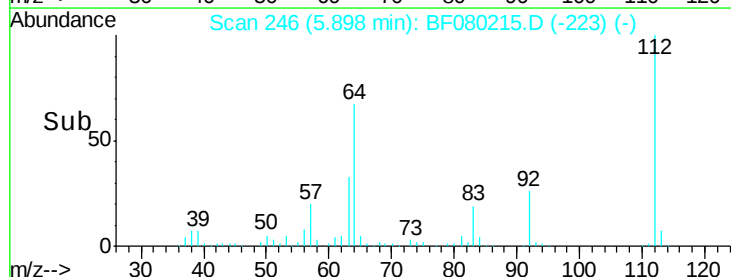
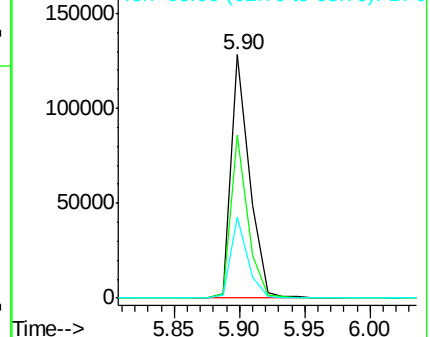
63 33.4 17.4 26.0#

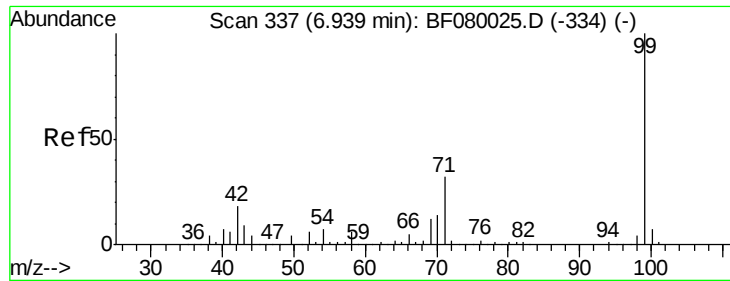


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.42 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080215.D

Acq: 29 Jun 2015 19:32

Instrument :

BNA_F

ClientSampleId :

DUP-01

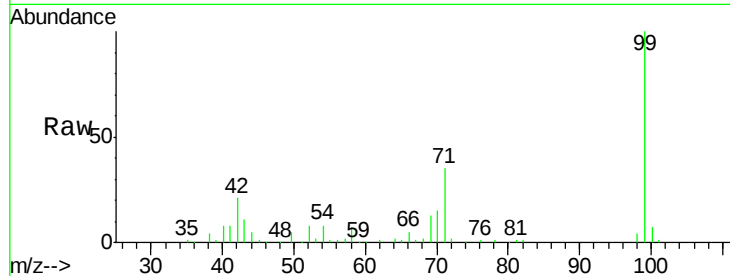
Tgt Ion: 99 Resp: 101112

Ion Ratio Lower Upper

99 100

42 21.3 13.7 20.5#

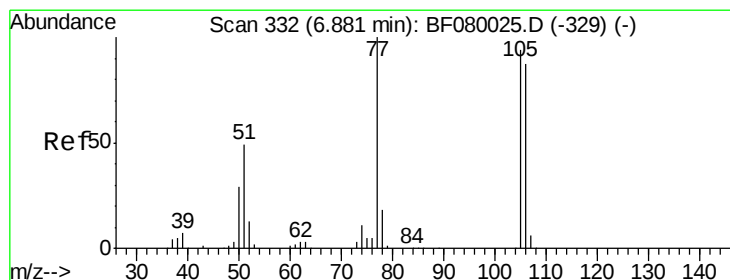
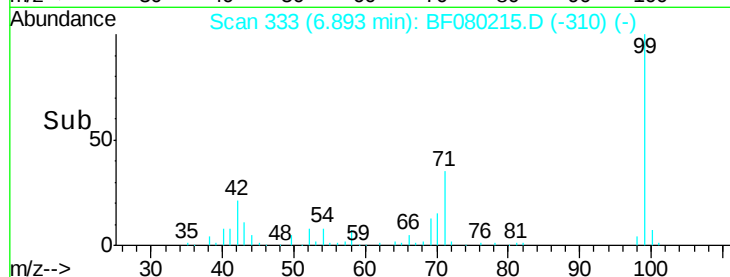
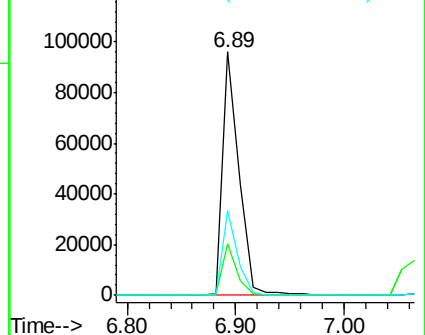
71 35.0 14.2 21.2#



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: 4.06 ng

RT: 7.06 min Scan# 348

Delta R.T. 0.19 min

Lab File: BF080215.D

Acq: 29 Jun 2015 19:32

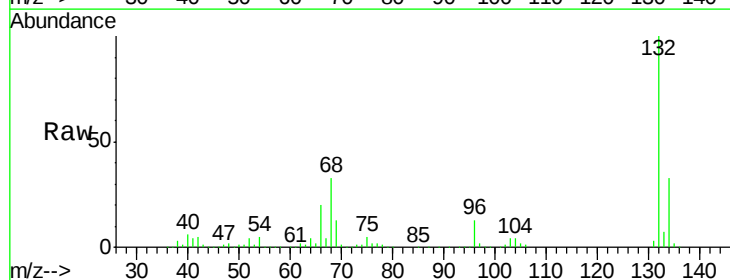
Tgt Ion: 77 Resp: 5455

Ion Ratio Lower Upper

77 100

105 80.0 91.6 131.6#

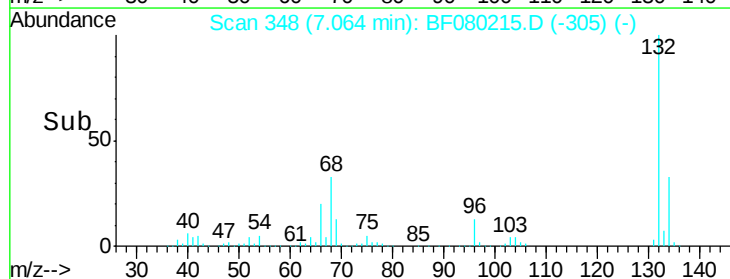
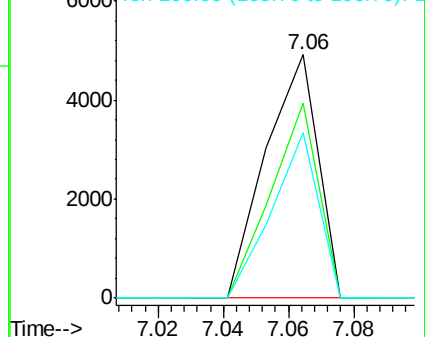
106 68.2 102.6 142.6#

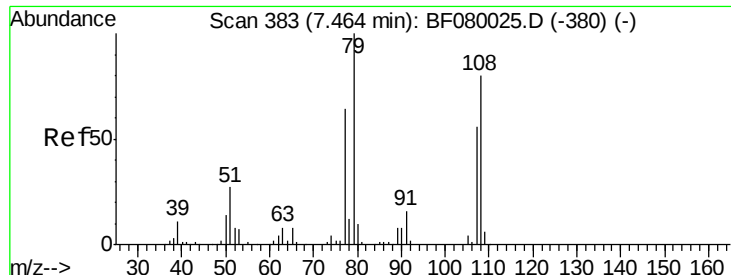


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 7.45 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF080215.D

Acq: 29 Jun 2015 19:32

Instrument :

BNA_F

ClientSampleId :

DUP-01

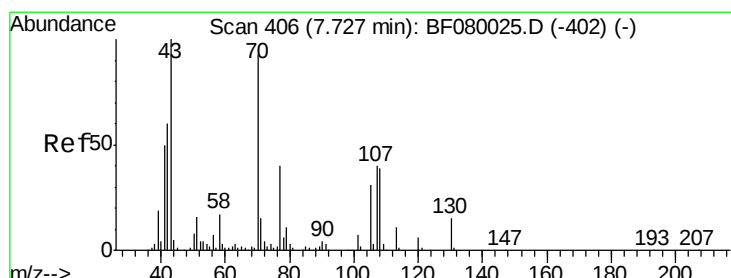
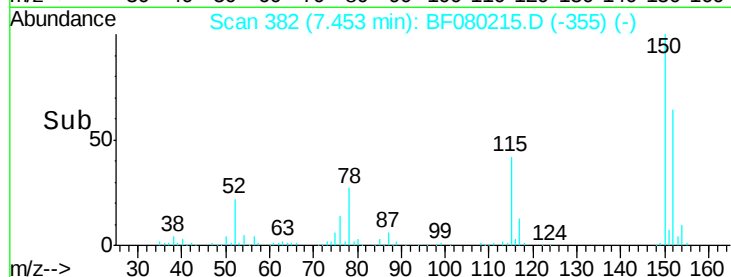
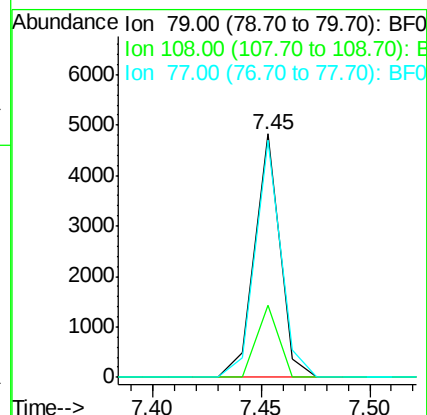
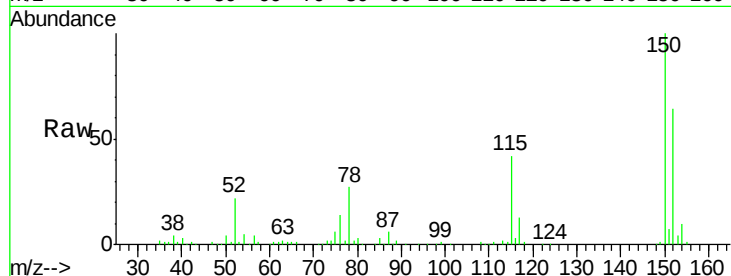
Tgt Ion: 79 Resp: 3897

Ion Ratio Lower Upper

79 100

108 29.8 88.6 132.8#

77 97.3 47.0 70.4#



#19

n-Nitroso-di-n-propylamine

Concen: 17.11 ng

RT: 7.85 min Scan# 417

Delta R.T. 0.14 min

Lab File: BF080215.D

Acq: 29 Jun 2015 19:32

Tgt Ion: 70 Resp: 27652

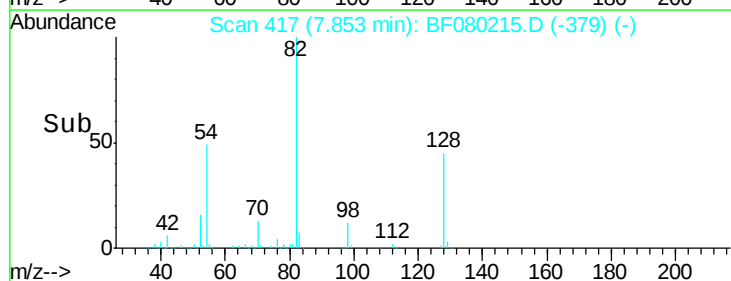
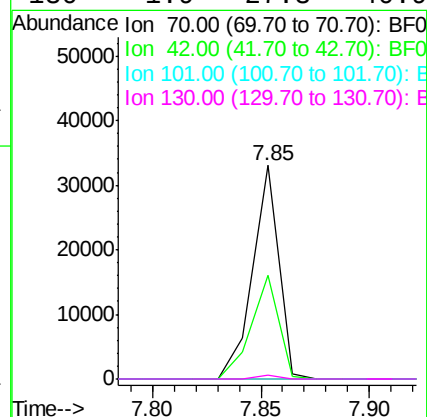
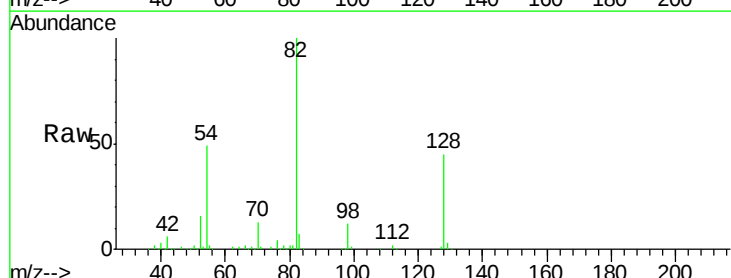
Ion Ratio Lower Upper

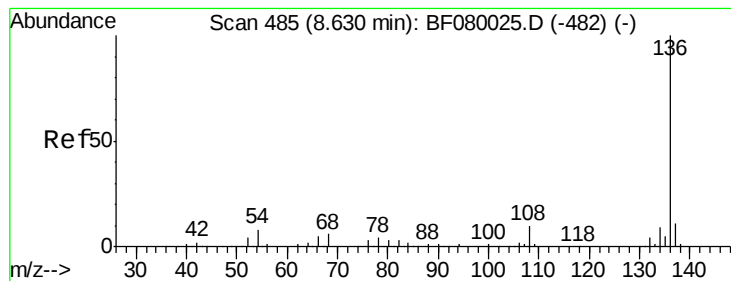
70 100

42 48.4 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

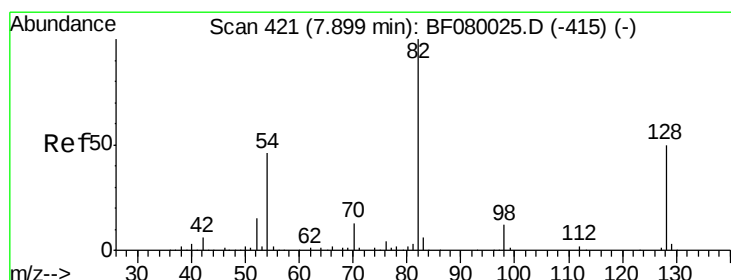
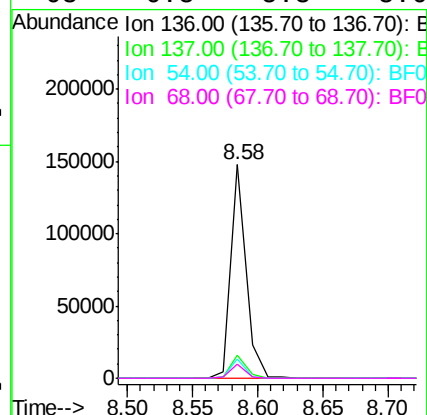
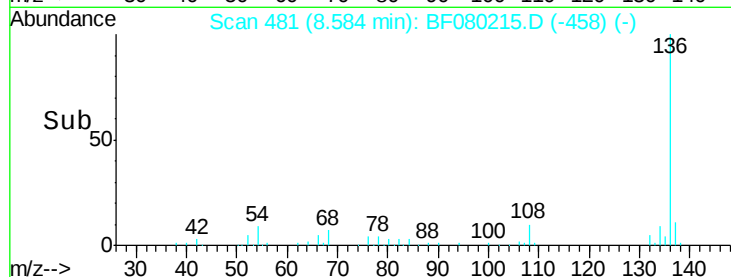
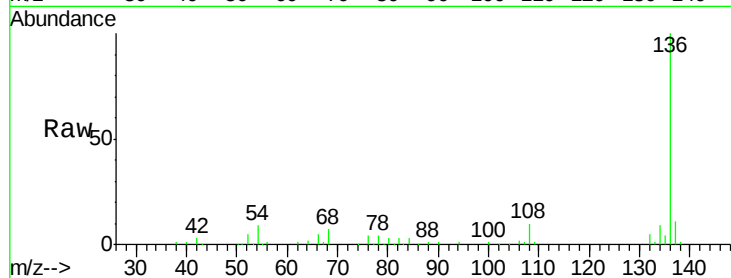




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF080215.D
Acq: 29 Jun 2015 19:32

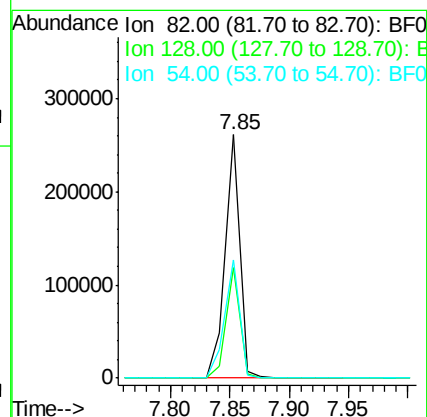
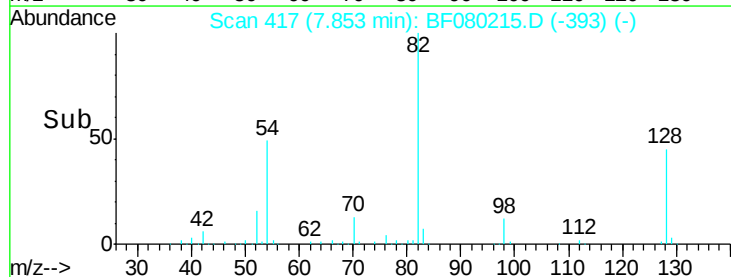
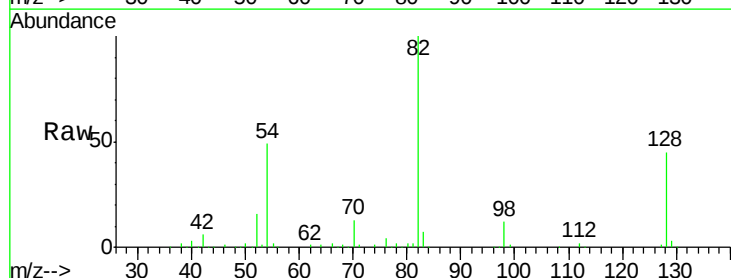
Instrument :
BNA_F
ClientSampleId :
DUP-01

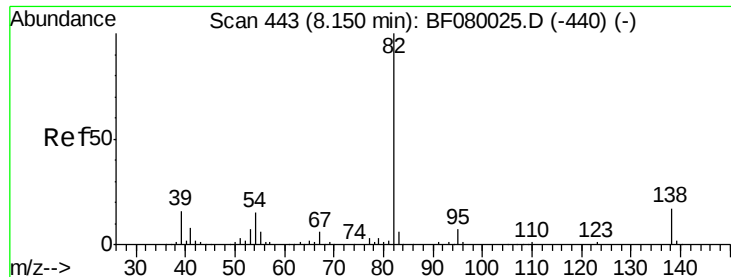
Tgt Ion:	136	Resp:	121719
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	8.8	8.2	12.2
68	6.8	5.8	8.6



#23
Nitrobenzene-d5
Concen: 104.80 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF080215.D
Acq: 29 Jun 2015 19:32

Tgt Ion:	82	Resp:	219124
Ion	Ratio	Lower	Upper
82	100		
128	45.3	51.0	76.6#
54	48.7	47.5	71.3





#25

Isophorone

Concen: 52.07 ng

RT: 7.85 min Scan# 417

Delta R.T. -0.29 min

Lab File: BF080215.D

Acq: 29 Jun 2015 19:32

Instrument :

BNA_F

ClientSampleId :

DUP-01

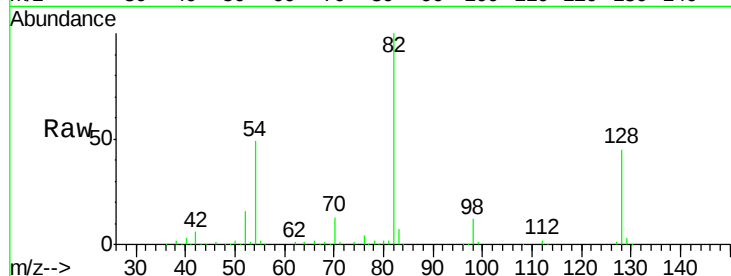
Tgt Ion: 82 Resp: 219115

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

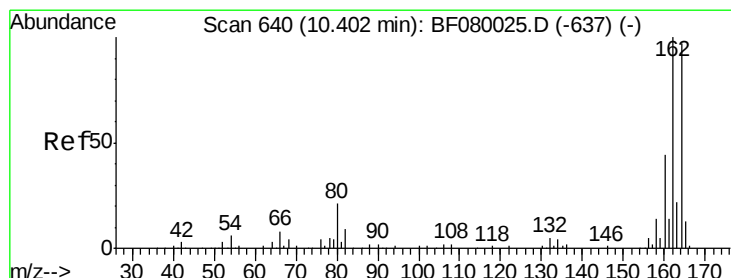
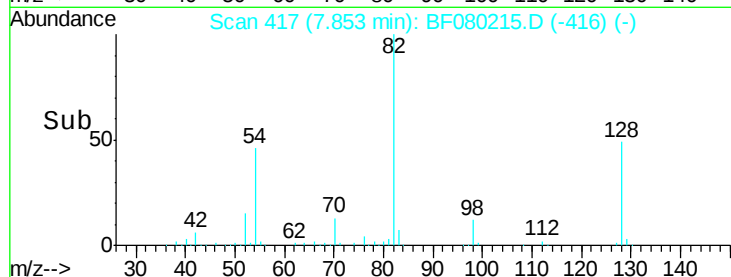
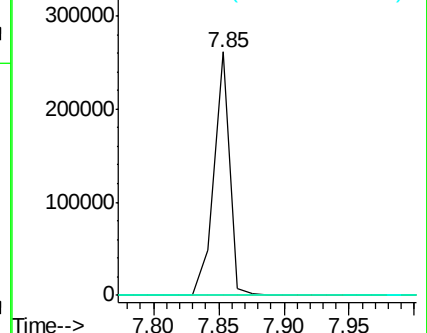
138 0.0 18.3 27.5#



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: 10.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF080215.D

Acq: 29 Jun 2015 19:32

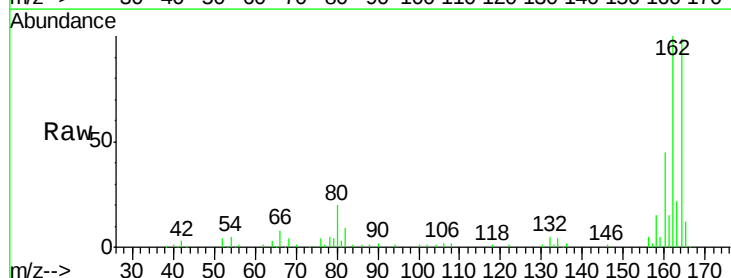
Tgt Ion: 164 Resp: 61068

Ion Ratio Lower Upper

164 100

162 100.6 75.2 112.8

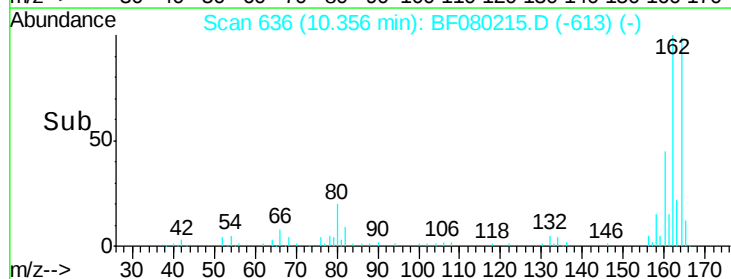
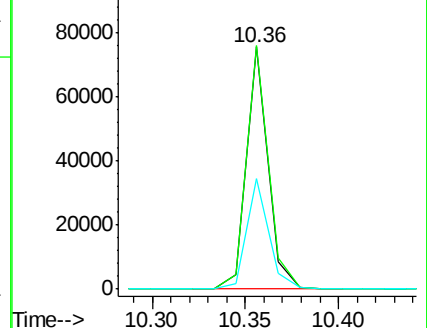
160 45.6 31.5 47.3

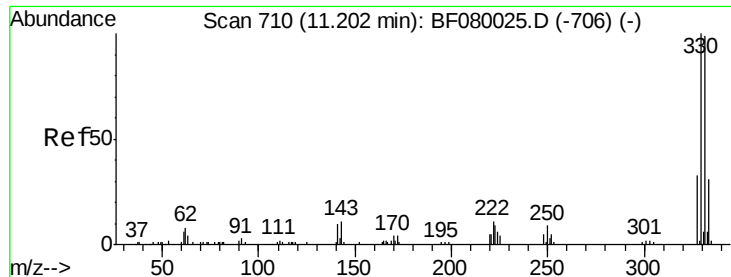


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

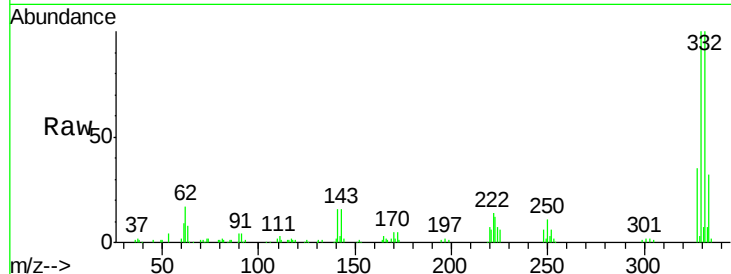




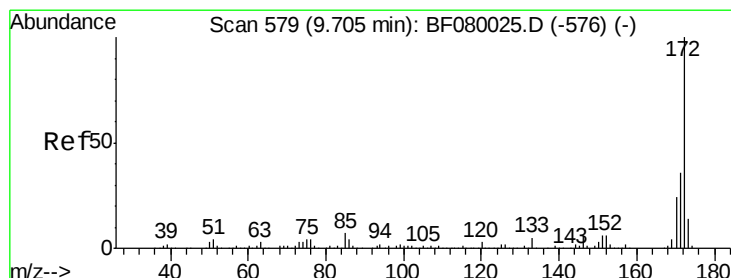
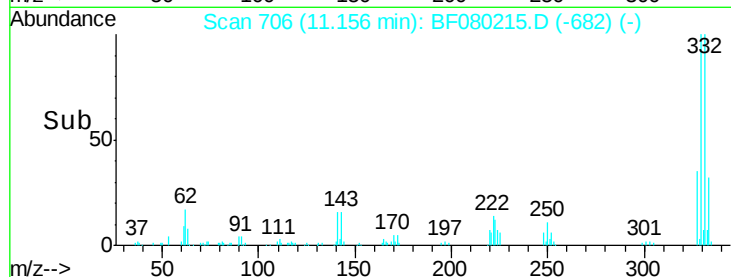
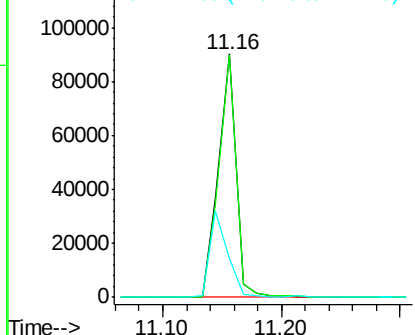
#41
 2,4,6-Tribromophenol
 Concen: 155.19 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF080215.D
 Acq: 29 Jun 2015 19:32

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

Tgt Ion:330 Resp: 92673
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.6 114.8
 141 36.1 29.7 44.5

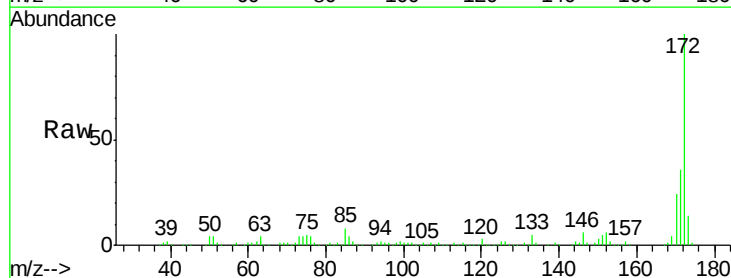


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

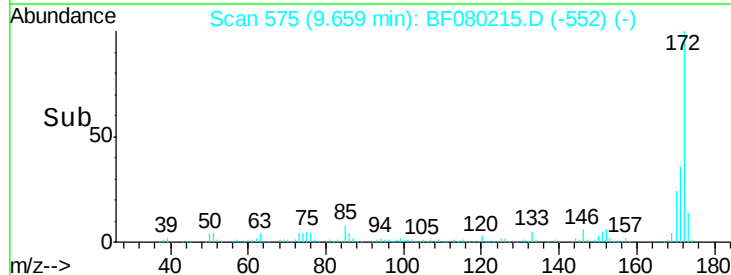
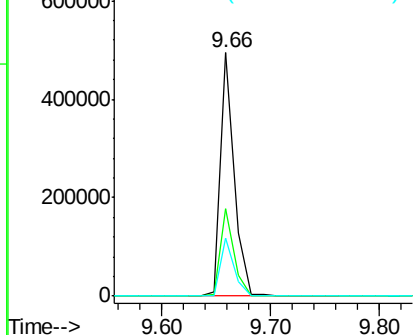


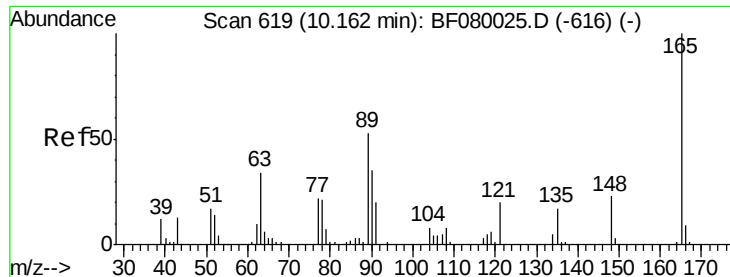
#44
 2-Fluorobiphenyl
 Concen: 102.88 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF080215.D
 Acq: 29 Jun 2015 19:32

Tgt Ion:172 Resp: 440565
 Ion Ratio Lower Upper
 172 100
 171 36.0 26.1 39.1
 170 23.9 17.4 26.2



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

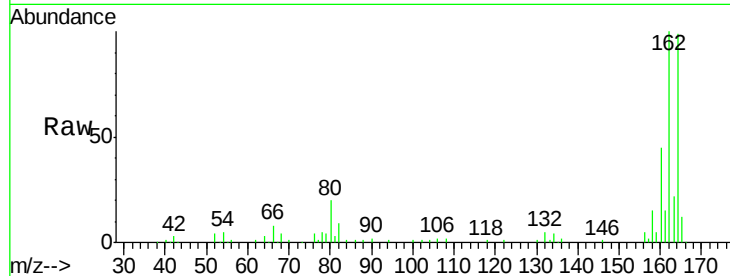




#50
 2,6-Dinitrotoluene
 Concen: 8.02 ng
 RT: 10.36 min Scan# 636
 Delta R.T. 0.21 min
 Lab File: BF080215.D
 Acq: 29 Jun 2015 19:32

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

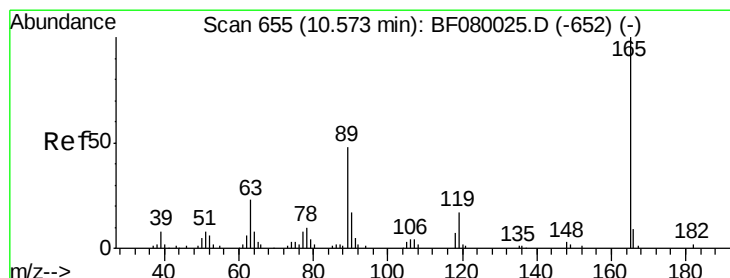
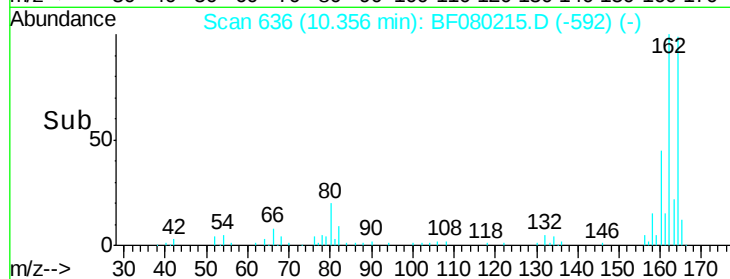
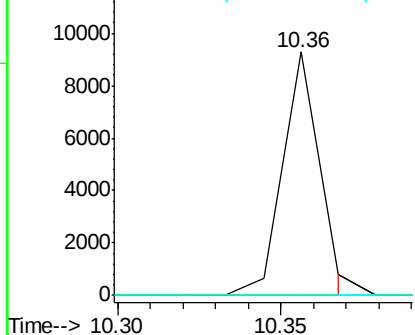
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



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: 6.32 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.19 min
 Lab File: BF080215.D
 Acq: 29 Jun 2015 19:32

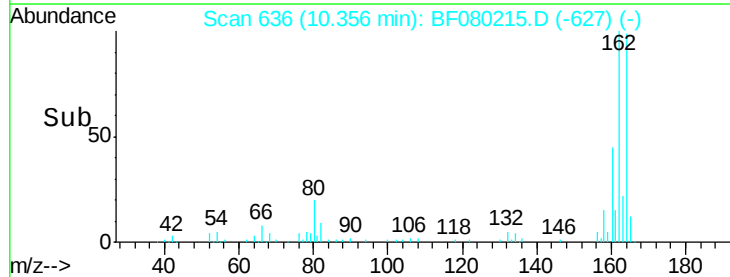
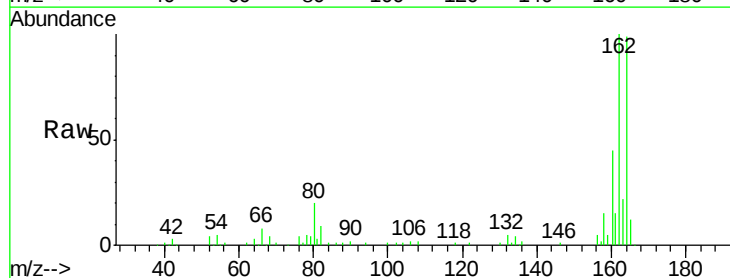
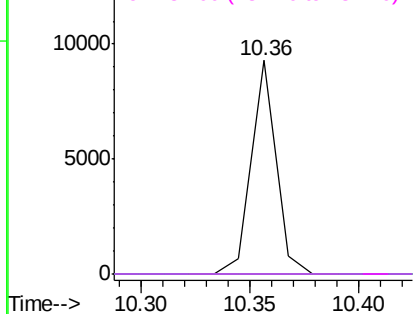
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

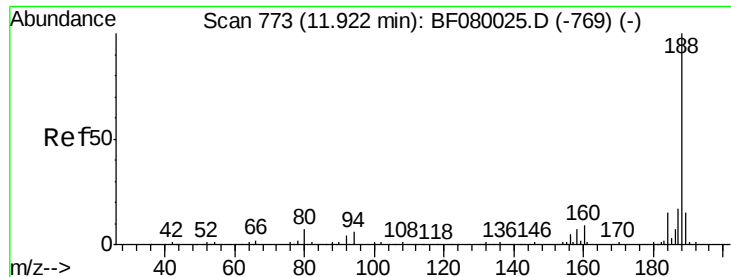
Abundance Ion 165.00 (164.70 to 165.70): E

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

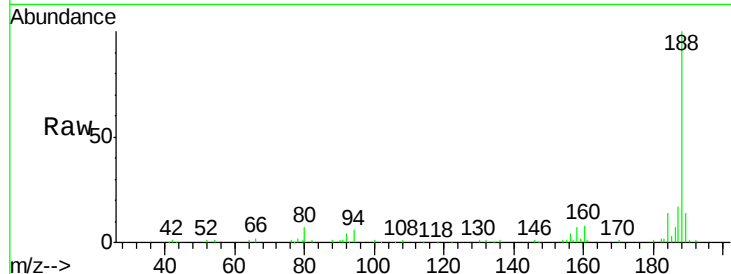




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.86 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF080215.D
Acq: 29 Jun 2015 19:32

Instrument :
BNA_F
ClientSampled :
DUP-01

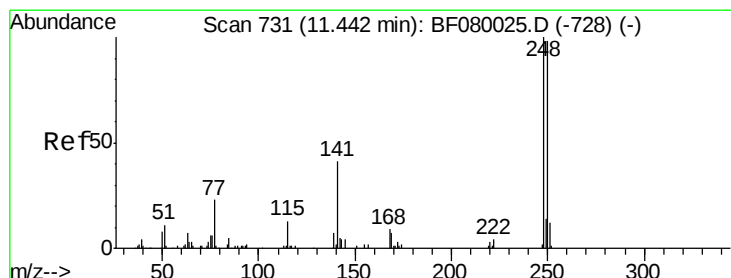
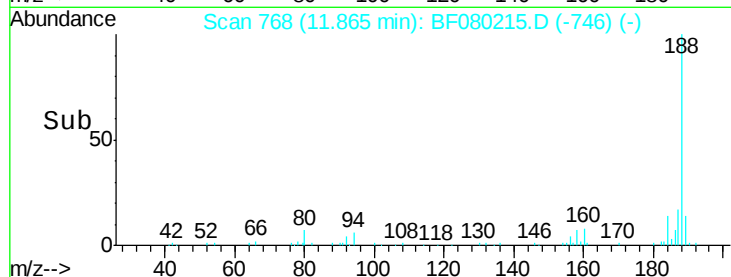
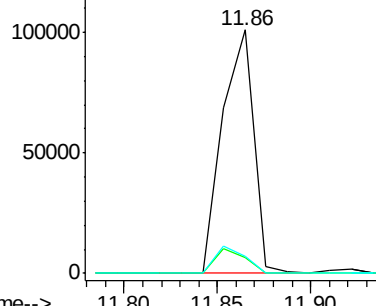
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	11.1	16.7#
80	6.8	11.0	16.4#



Abundance Ion 188.00 (187.70 to 188.70): E

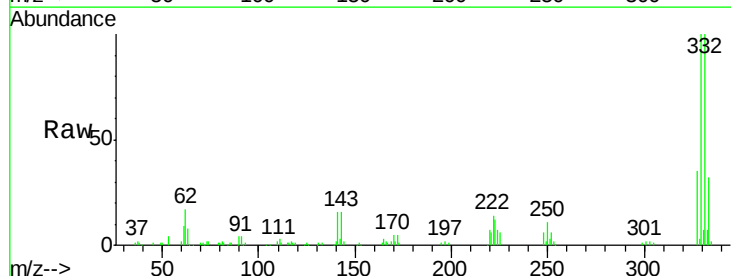
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#66
4-Bromophenyl-phenylether
Concen: 5.07 ng
RT: 11.16 min Scan# 706
Delta R.T. -0.26 min
Lab File: BF080215.D
Acq: 29 Jun 2015 19:32

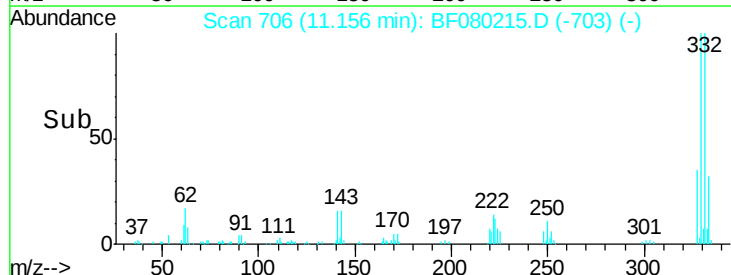
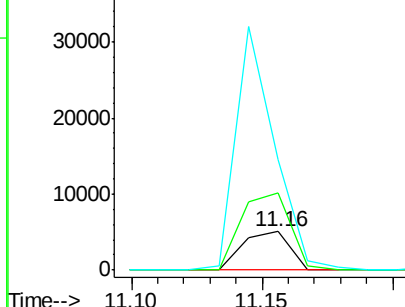
Tgt Ion	Ratio	Lower	Upper
248	100		
250	198.8	78.5	117.7#
141	286.0	59.0	88.6#

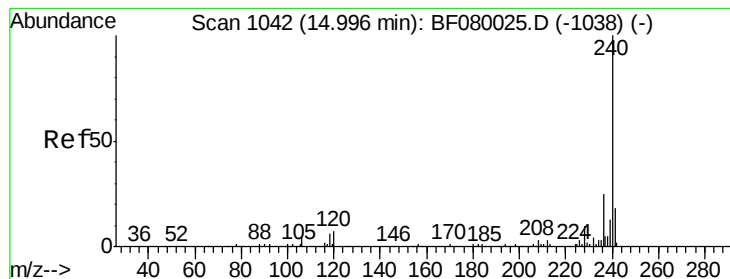


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.79 min Scan# 1024

Delta R.T. -0.21 min

Lab File: BF080215.D

Acq: 29 Jun 2015 19:32

Instrument :

BNA_F

ClientSampleId :

DUP-01

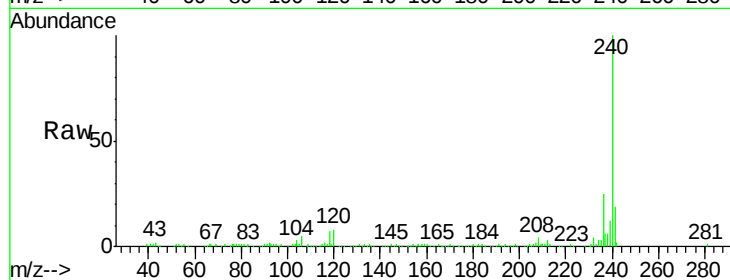
Tgt Ion:240 Resp: 133749

Ion Ratio Lower Upper

240 100

120 7.5 16.2 24.2#

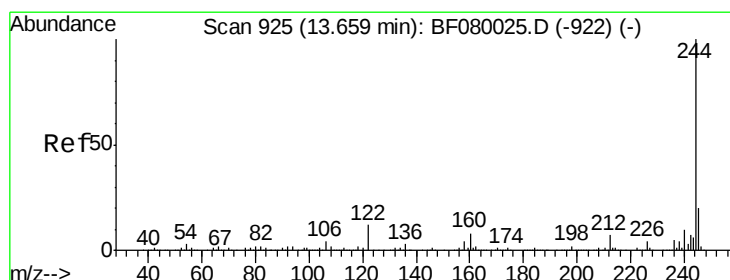
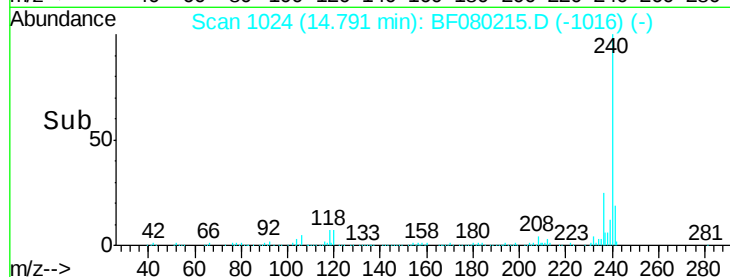
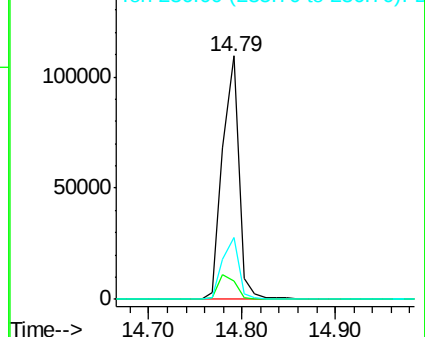
236 25.5 18.4 27.6



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: 97.31 ng

RT: 13.53 min Scan# 914

Delta R.T. -0.14 min

Lab File: BF080215.D

Acq: 29 Jun 2015 19:32

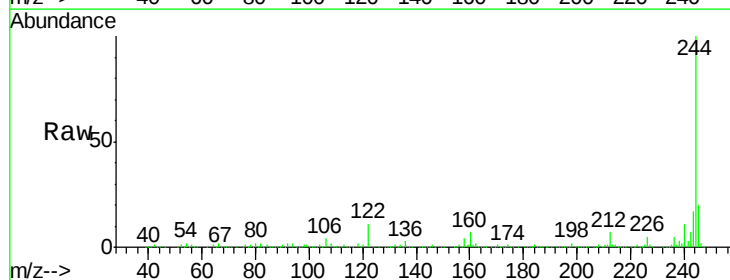
Tgt Ion:244 Resp: 557261

Ion Ratio Lower Upper

244 100

212 7.3 4.3 6.5#

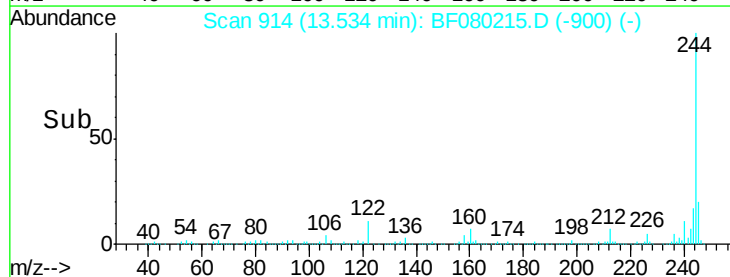
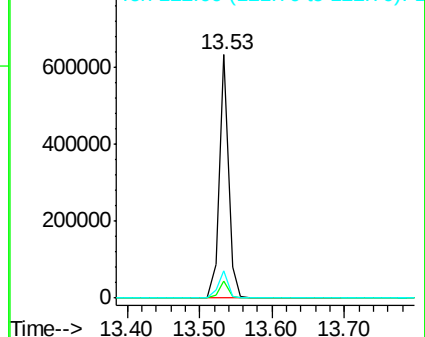
122 11.5 17.4 26.2#

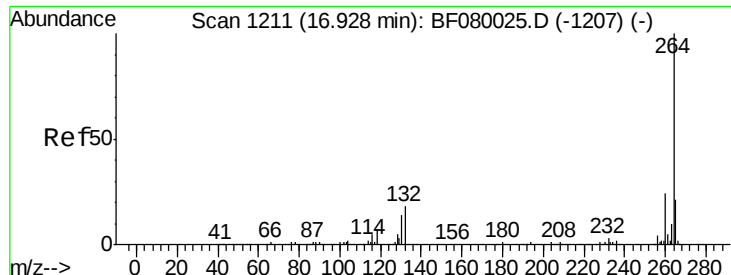


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.63 min Scan# 1185
Delta R.T. -0.30 min
Lab File: BF080215.D
Acq: 29 Jun 2015 19:32

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tgt Ion: 264 Resp: 133275
Ion Ratio Lower Upper
264 100
260 23.0 16.7 25.1
265 21.9 17.2 25.8

