

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062615\NEW FOLDER\BF062615\
 Data File : BF080200.D
 Acq On : 26 Jun 2015 20:25
 Operator : TP/IZ
 Sample : G2785-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 29 09:32:46 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

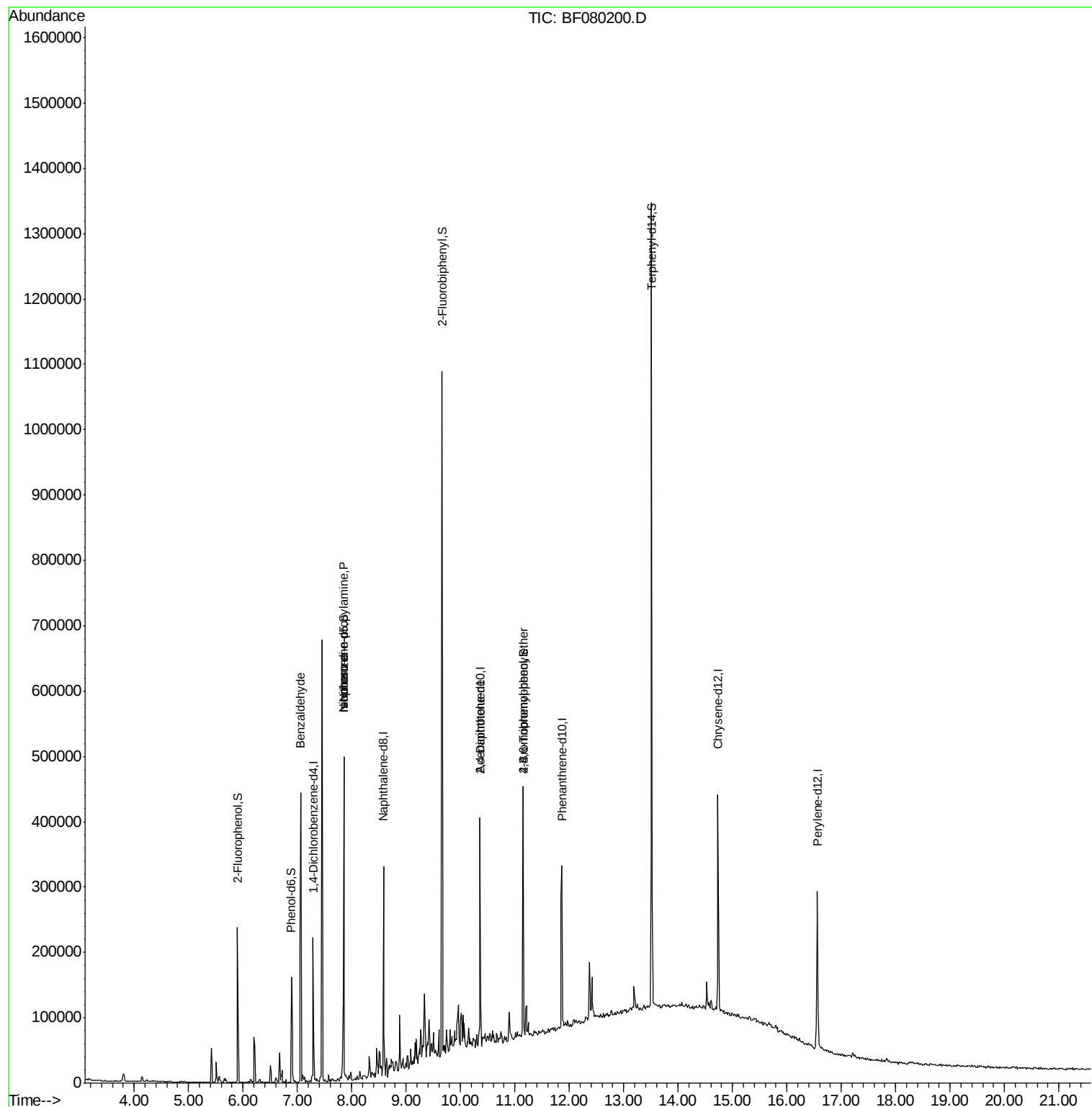
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	31258	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	122449	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	65818	20.00	ng	-0.03
63) Phenanthrene-d10	11.86	188	123752	20.00	ng	-0.05
75) Chrysene-d12	14.73	240	141404	20.00	ng	-0.26
86) Perylene-d12	16.56	264	137621	20.00	ng	-0.37
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	68499	38.79	ng	-0.03
7) Phenol-d6	6.89	99	57742	24.57	ng	-0.03
23) Nitrobenzene-d5	7.85	82	151796	72.17	ng	-0.02
41) 2,4,6-Tribromophenol	11.16	330	59998	93.22	ng	-0.02
44) 2-Fluorobiphenyl	9.66	172	319841	69.30	ng	-0.03
78) Terphenyl-d14	13.51	244	392799	64.88	ng	-0.16
Target Compounds						
9) Benzaldehyde	7.06	77	2956	2.18	ng	# 73
19) n-Nitroso-di-n-propylamine	7.85	70	18997	11.64	ng	# 59
25) Isophorone	7.85	82	149182	35.24	ng	# 58
56) 2,4-Dinitrotoluene	10.36	165	8980	7.13	ng	# 34
66) 4-Bromophenyl-phenylether	11.16	248	4155	3.16	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: 7.29 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF080200.D

Acq: 26 Jun 2015 20:25

Instrument :

BNA_F

ClientSampleId :

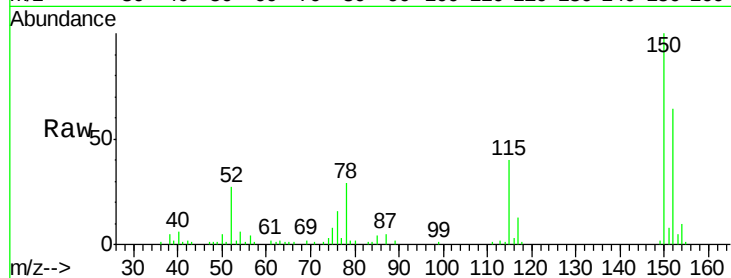
Tot Ion:152 Resp: 31258

Ion Ratio Lower Upper

152 100

150 157.2 124.7 187.1

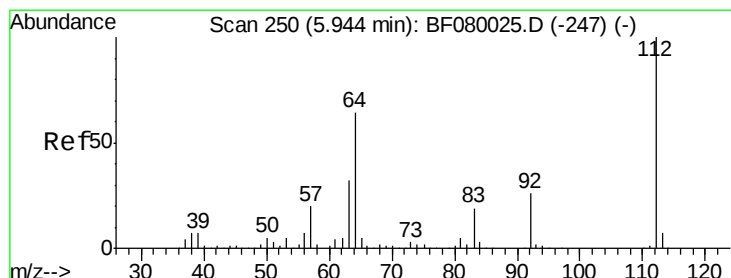
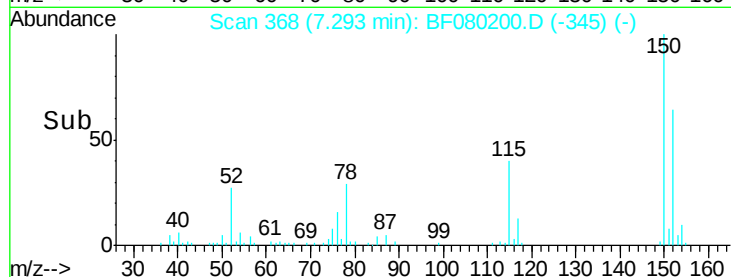
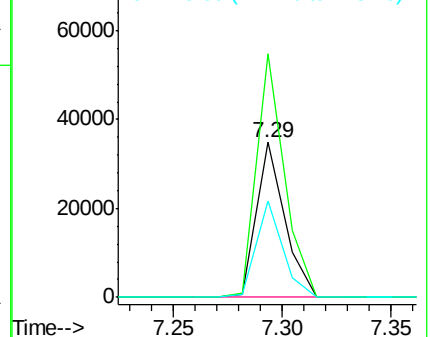
115 62.6 39.0 58.4#



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: 38.79 ng

RT: 5.90 min Scan# 246

Delta R.T. -0.03 min

Lab File: BF080200.D

Acq: 26 Jun 2015 20:25

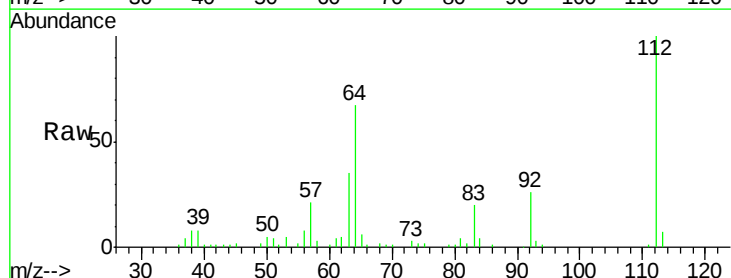
Tgt Ion:112 Resp: 68499

Ion Ratio Lower Upper

112 100

64 67.2 39.7 59.5#

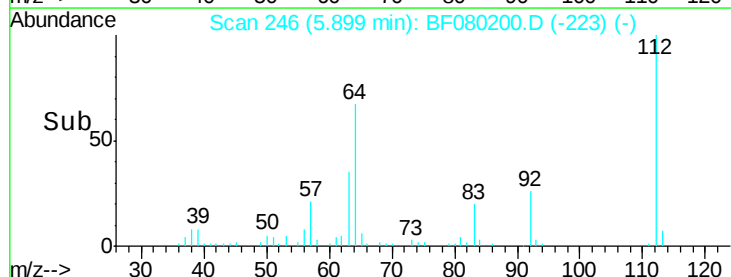
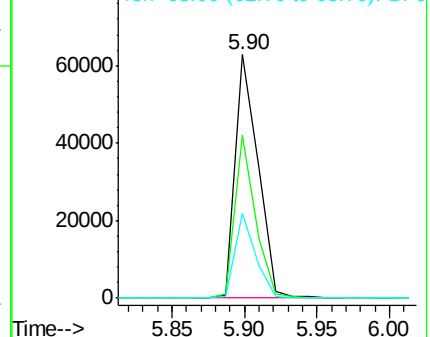
63 35.1 17.4 26.0#

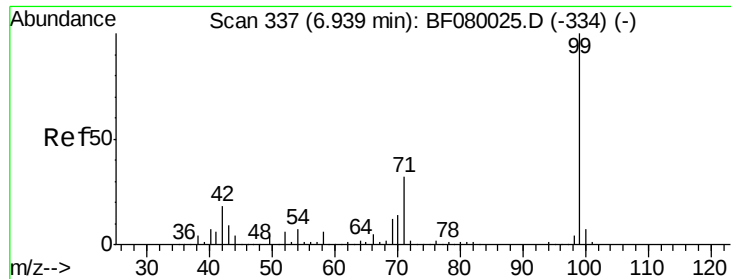


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 24.57 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080200.D

Acq: 26 Jun 2015 20:25

Instrument :

BNA_F

ClientSampleId :

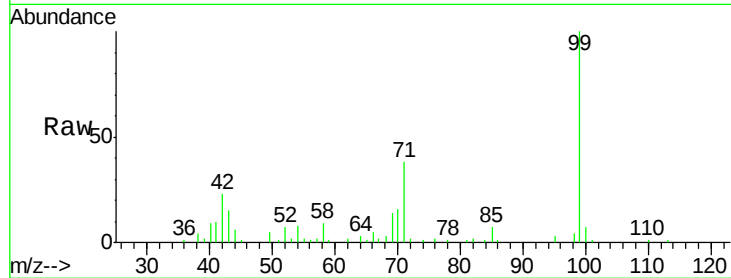
Tot Ion: 99 Resp: 57742

Ion Ratio Lower Upper

99 100

42 23.4 13.7 20.5#

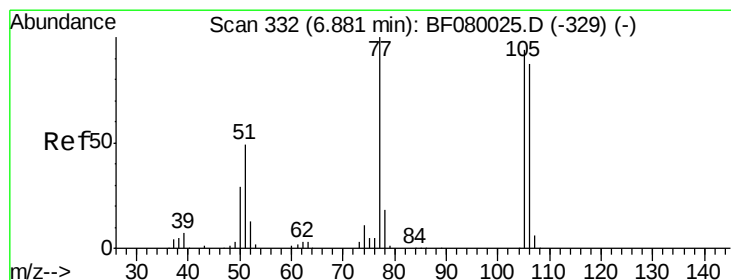
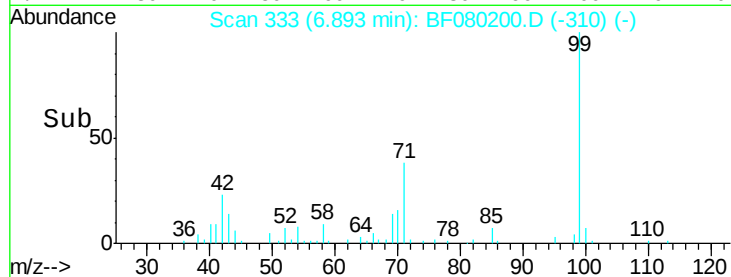
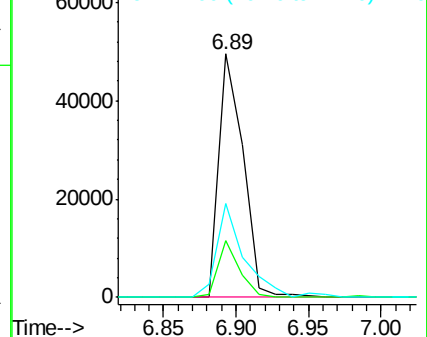
71 38.4 14.2 21.2#



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: 2.18 ng

RT: 7.06 min Scan# 348

Delta R.T. 0.19 min

Lab File: BF080200.D

Acq: 26 Jun 2015 20:25

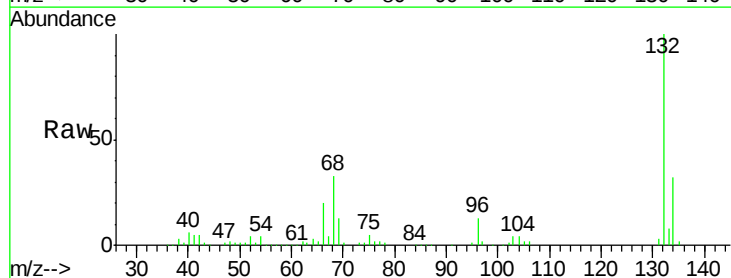
Tgt Ion: 77 Resp: 2956

Ion Ratio Lower Upper

77 100

105 93.8 91.6 131.6

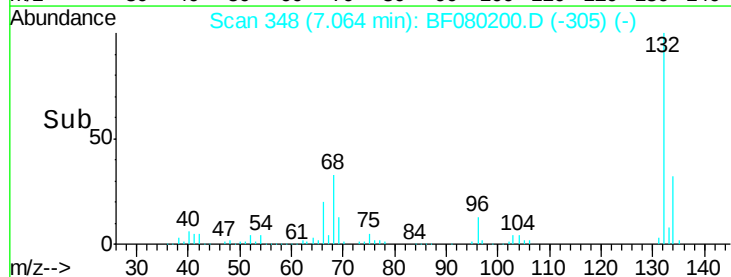
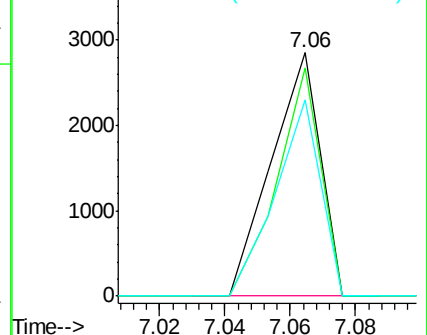
106 80.6 102.6 142.6#

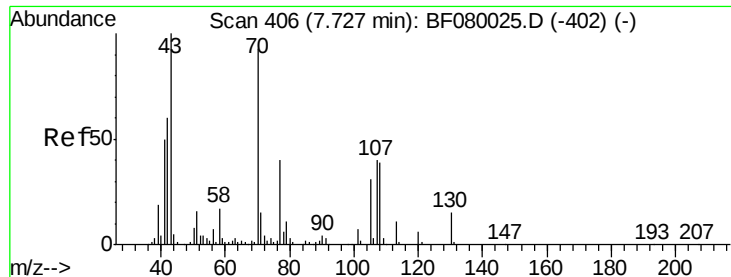


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

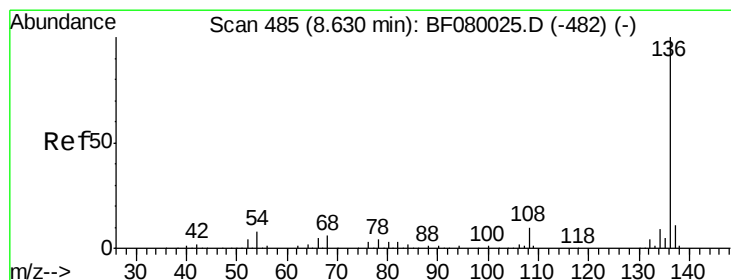
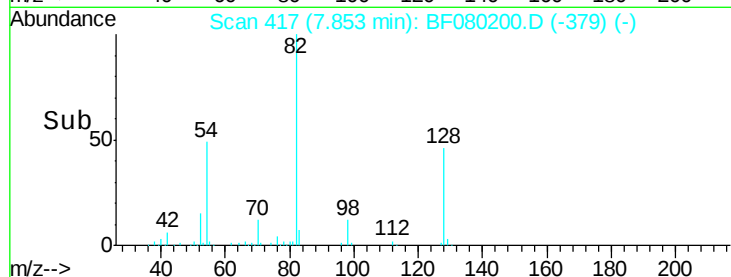
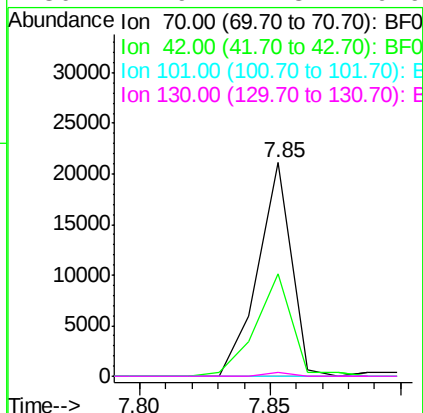
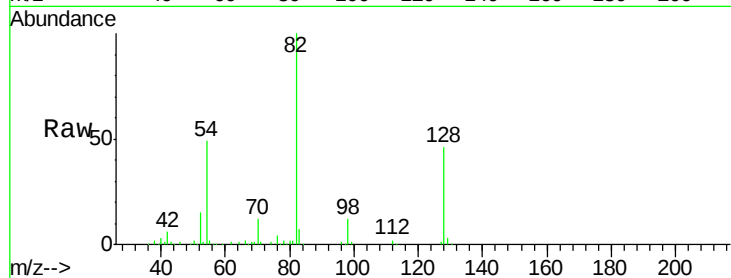




#19
n-Nitroso-di-n-propylamine
Concen: 11.64 ng
RT: 7.85 min Scan# 417
Delta R.T. 0.14 min
Lab File: BF080200.D
Acq: 26 Jun 2015 20:25

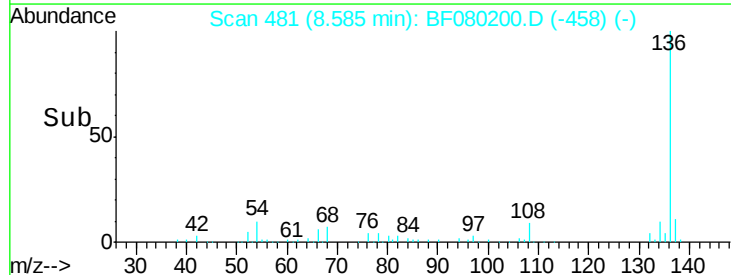
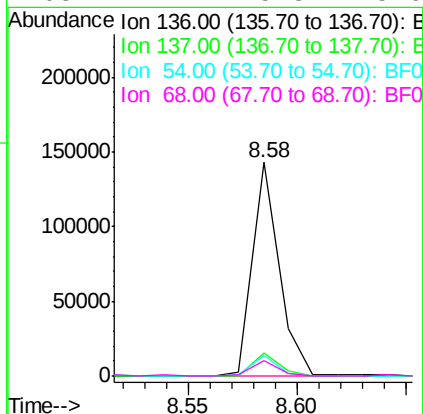
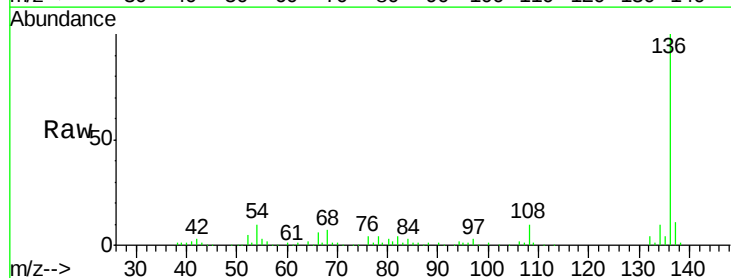
Instrument :
BNA_F
ClientSampleId :

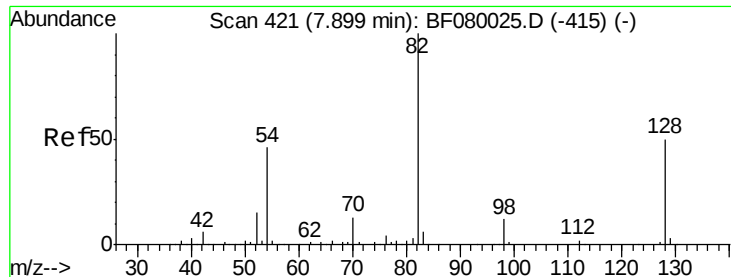
Tot Ion: 70 Resp: 18997
Ion Ratio Lower Upper
70 100
42 47.8 63.8 95.6#
101 0.0 9.2 13.8#
130 1.9 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF080200.D
Acq: 26 Jun 2015 20:25

Tgt Ion:136 Resp: 122449
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 9.8 8.2 12.2
68 7.4 5.8 8.6





#23

Nitrobenzene-d5

Concen: 72.17 ng

RT: 7.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF080200.D

Acq: 26 Jun 2015 20:25

Instrument :

BNA_F

ClientSampled :

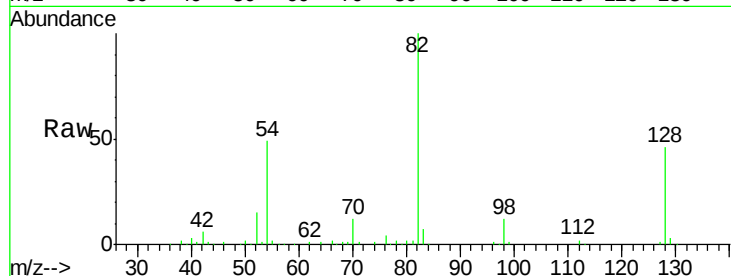
Tot Ion: 82 Resp: 151796

Ion Ratio Lower Upper

82 100

128 46.0 51.0 76.6#

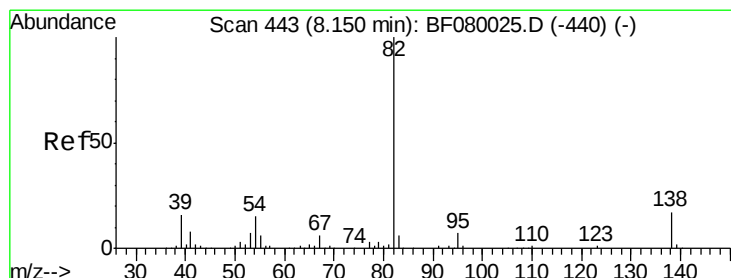
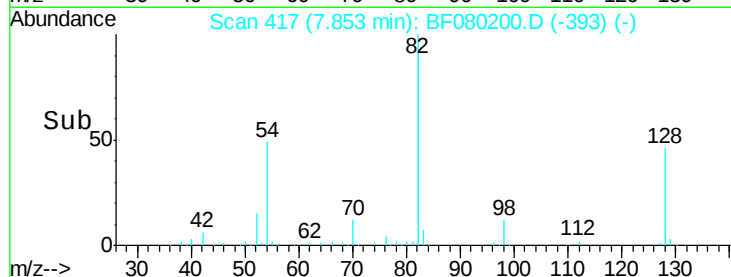
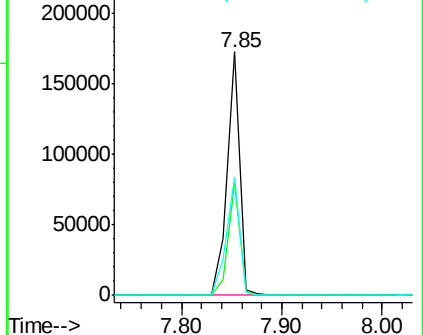
54 48.5 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 35.24 ng

RT: 7.85 min Scan# 417

Delta R.T. -0.29 min

Lab File: BF080200.D

Acq: 26 Jun 2015 20:25

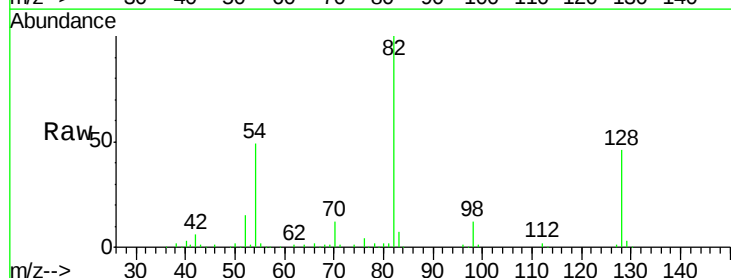
Tgt Ion: 82 Resp: 149182

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

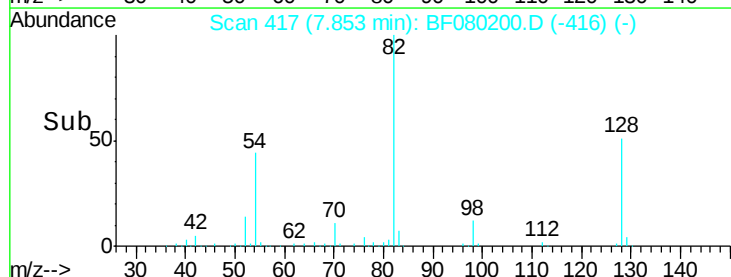
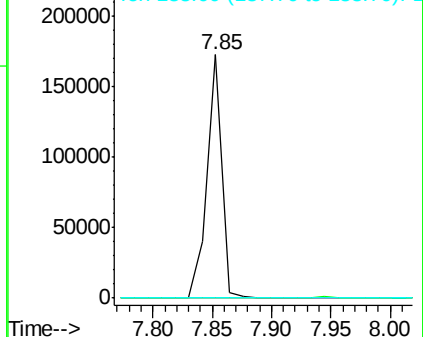
138 0.0 18.3 27.5#

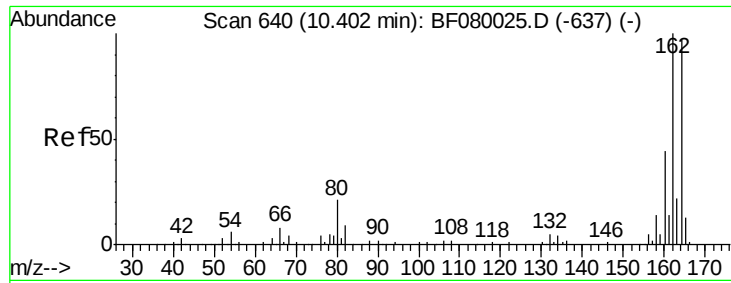


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

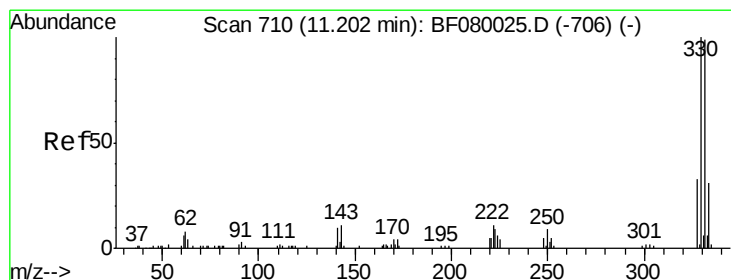
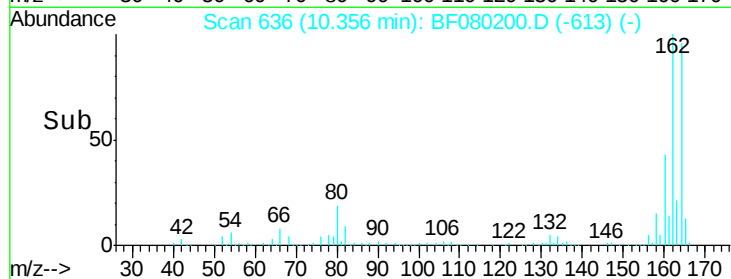
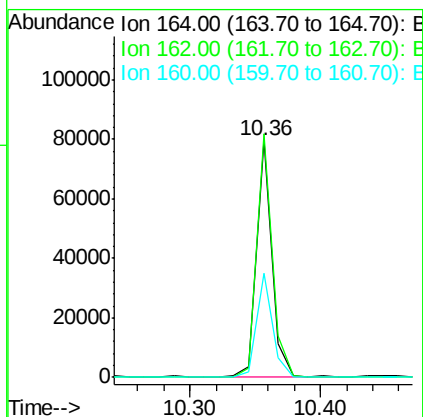
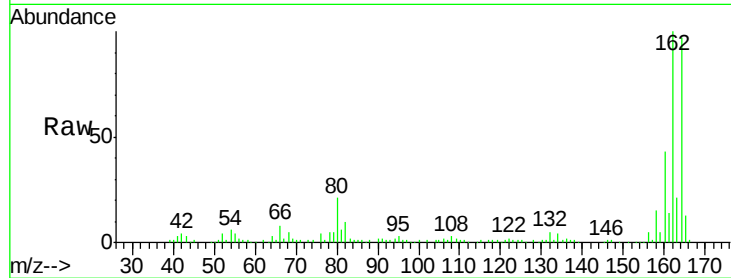




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF080200.D
 Acq: 26 Jun 2015 20:25

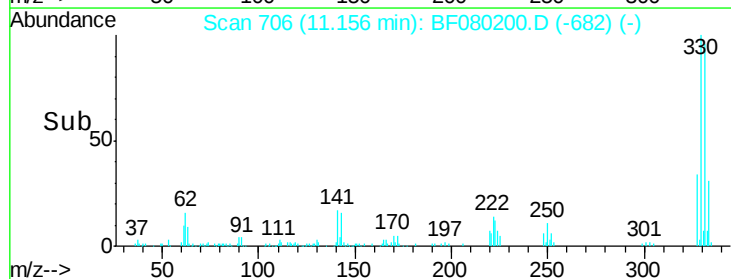
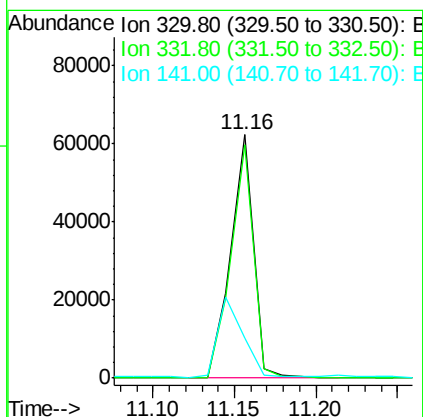
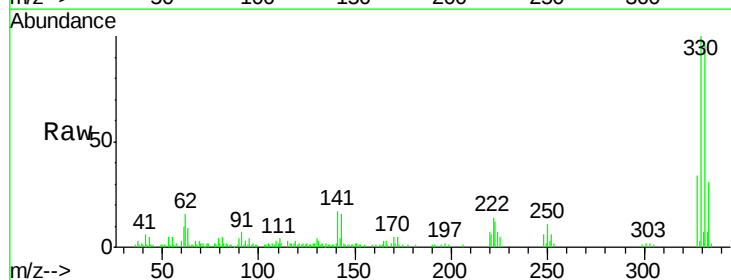
Instrument :
 BNA_F
 ClientSampled :

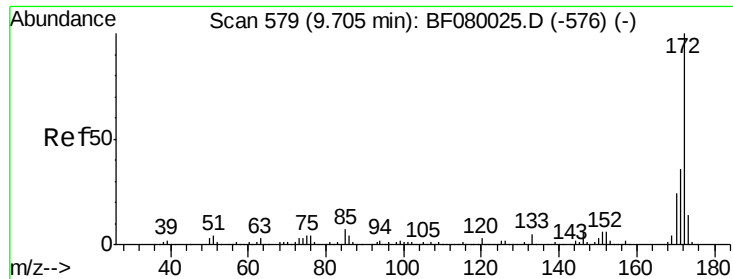
Tot Ion:164 Resp: 65818
 Ion Ratio Lower Upper
 164 100
 162 102.9 75.2 112.8
 160 44.0 31.5 47.3



#41
 2,4,6-Tribromophenol
 Concen: 93.22 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF080200.D
 Acq: 26 Jun 2015 20:25

Tgt Ion:330 Resp: 59998
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 38.3 29.7 44.5

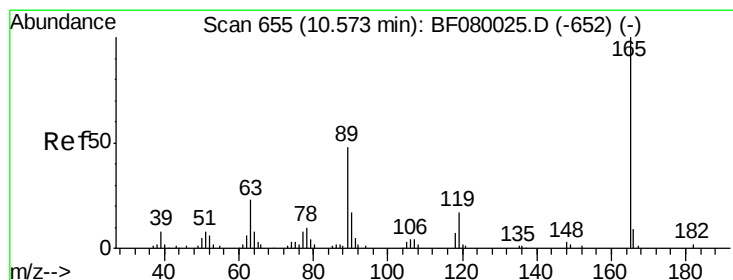
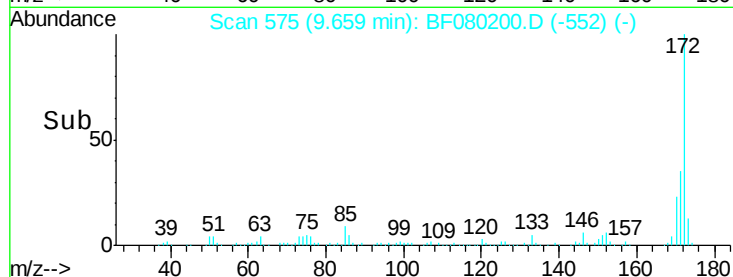
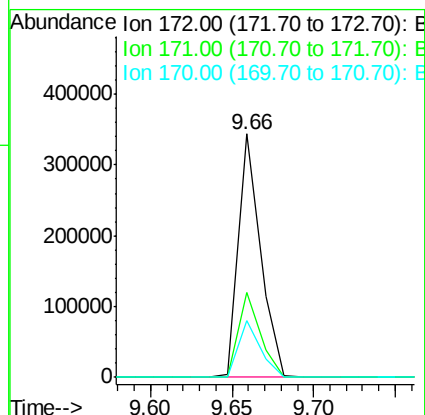
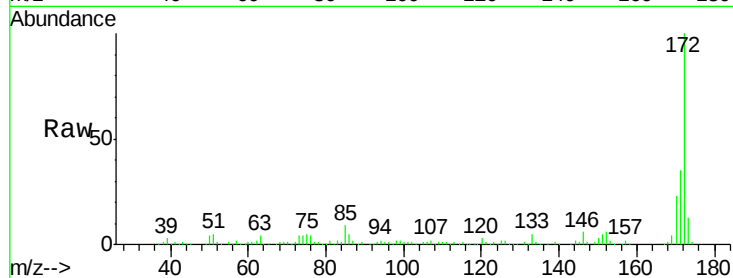




#44
2-Fluorobiphenyl
Concen: 69.30 ng
RT: 9.66 min Scan# 575
Delta R.T. -0.03 min
Lab File: BF080200.D
Acq: 26 Jun 2015 20:25

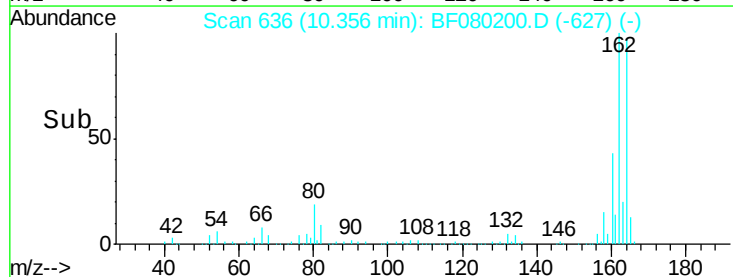
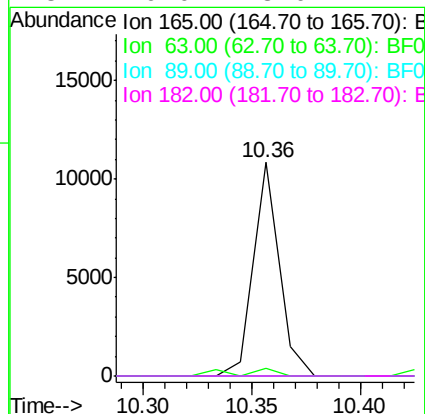
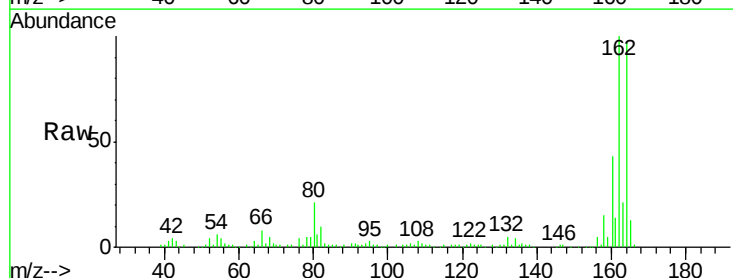
Instrument :
BNA_F
ClientSampleId :

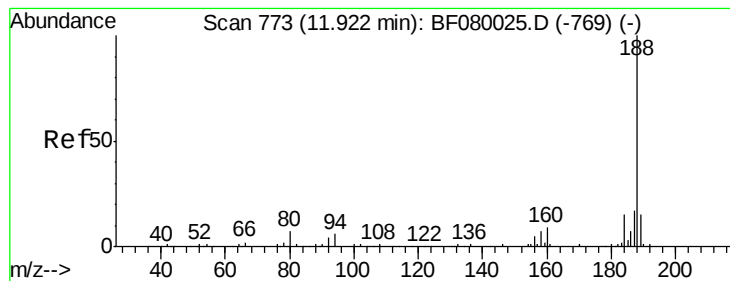
Tot Ion:172 Resp: 319841
Ion Ratio Lower Upper
172 100
171 35.1 26.1 39.1
170 23.1 17.4 26.2



#56
2,4-Dinitrotoluene
Concen: 7.13 ng
RT: 10.36 min Scan# 636
Delta R.T. -0.19 min
Lab File: BF080200.D
Acq: 26 Jun 2015 20:25

Tgt Ion:165 Resp: 8980
Ion Ratio Lower Upper
165 100
63 3.4 29.8 44.6#
89 0.0 44.5 66.7#
182 0.0 3.0 4.4#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.86 min Scan# 768

Delta R.T. -0.05 min

Lab File: BF080200.D

Acq: 26 Jun 2015 20:25

Instrument :

BNA_F

ClientSampleId :

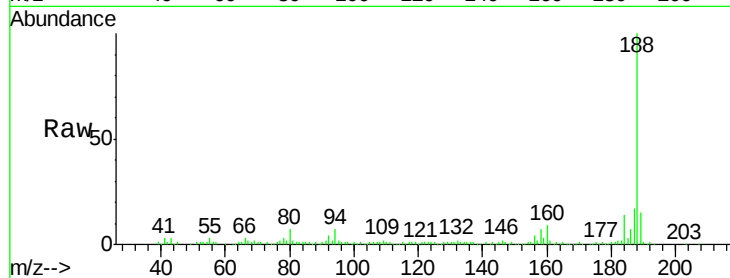
Tot Ion:188 Resp: 123752

Ion Ratio Lower Upper

188 100

94 7.1 11.1 16.7#

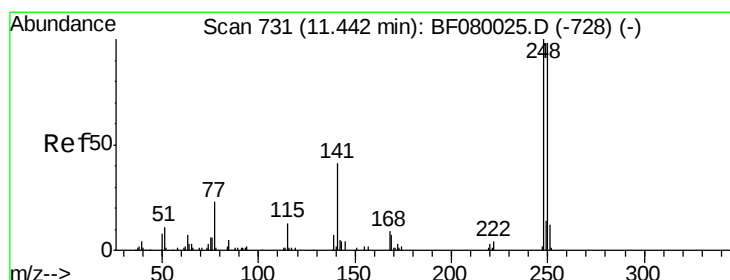
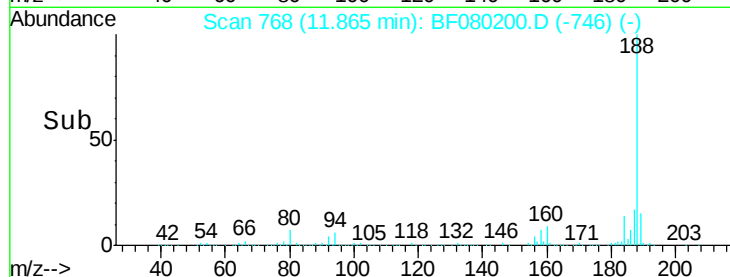
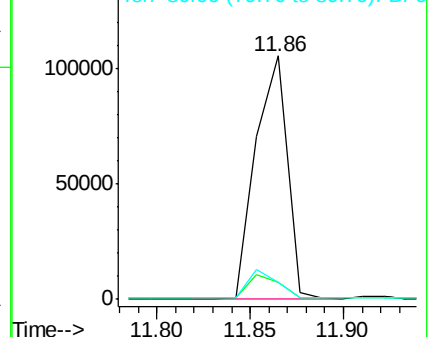
80 7.2 11.0 16.4#



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: 3.16 ng

RT: 11.16 min Scan# 706

Delta R.T. -0.26 min

Lab File: BF080200.D

Acq: 26 Jun 2015 20:25

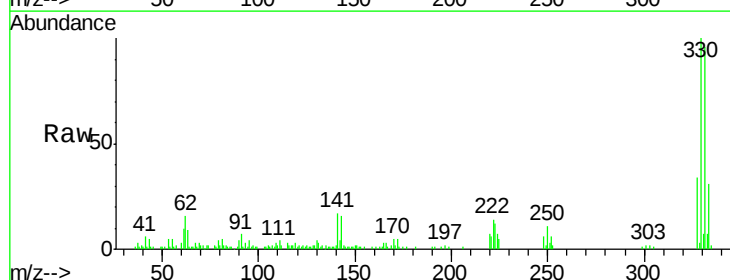
Tgt Ion:248 Resp: 4155

Ion Ratio Lower Upper

248 100

250 197.6 78.5 117.7#

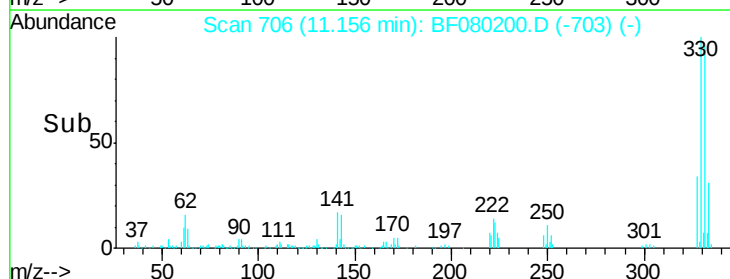
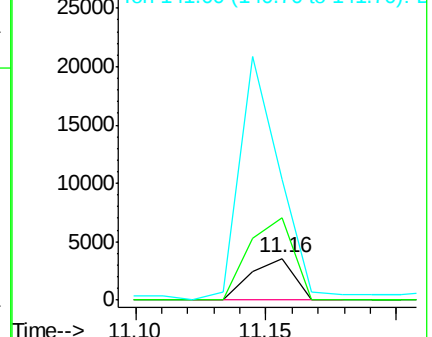
141 288.4 59.0 88.6#

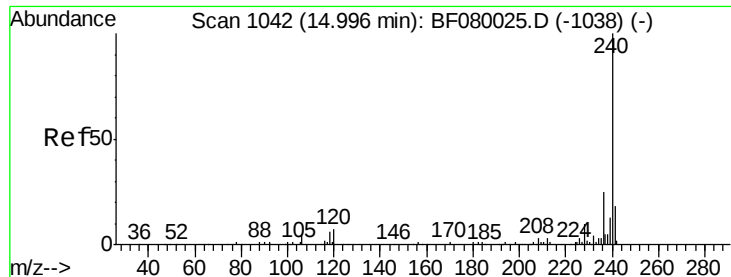


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.73 min Scan# 1019

Delta R.T. -0.26 min

Lab File: BF080200.D

Acq: 26 Jun 2015 20:25

Instrument :

BNA_F

ClientSampleId :

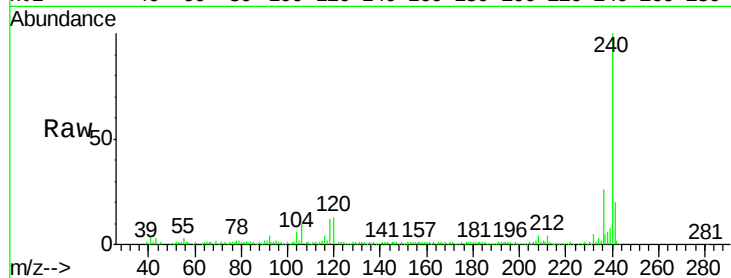
Tot Ion:240 Resp: 141404

Ion Ratio Lower Upper

240 100

120 12.7 16.2 24.2#

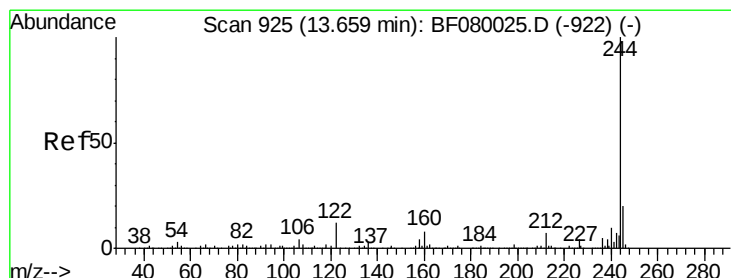
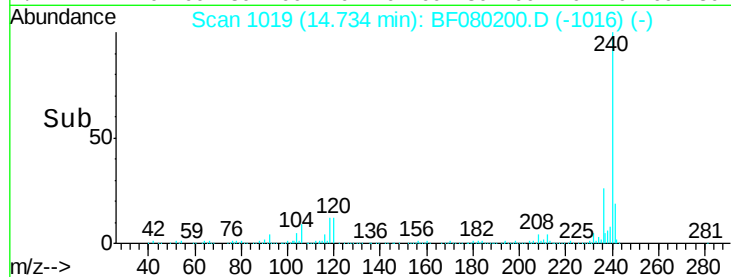
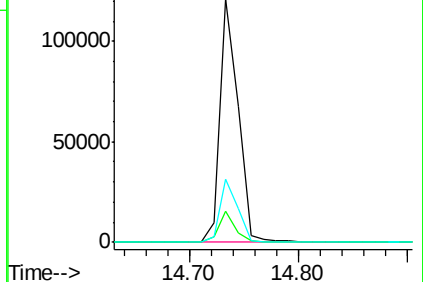
236 25.8 18.4 27.6



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: 64.88 ng

RT: 13.51 min Scan# 912

Delta R.T. -0.16 min

Lab File: BF080200.D

Acq: 26 Jun 2015 20:25

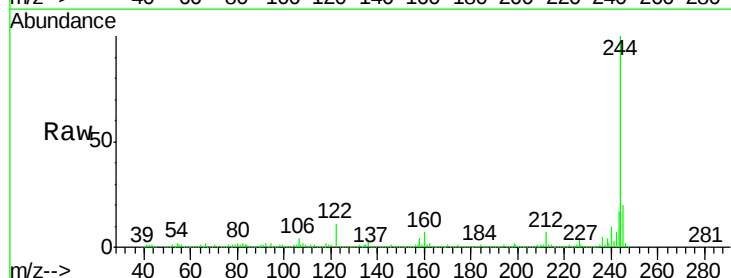
Tgt Ion:244 Resp: 392799

Ion Ratio Lower Upper

244 100

212 7.1 4.3 6.5#

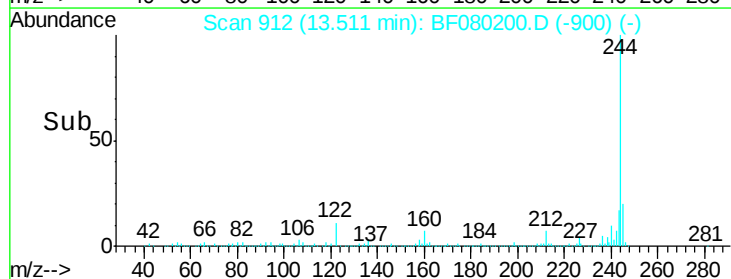
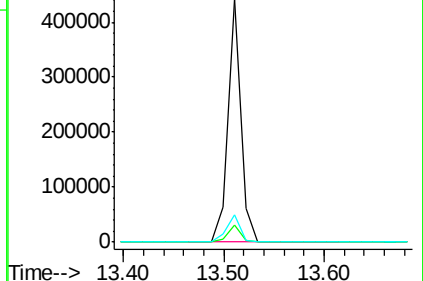
122 11.2 17.4 26.2#

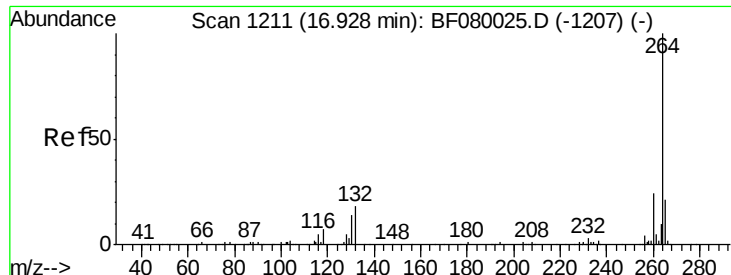


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

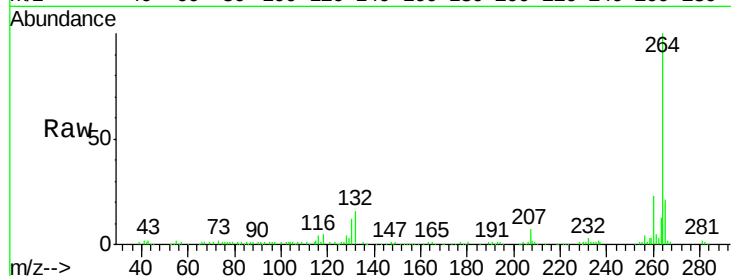




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.56 min Scan# 1179
 Delta R.T. -0.37 min
 Lab File: BF080200.D
 Acq: 26 Jun 2015 20:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	16.7	25.1
265	21.1	17.2	25.8



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

