

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062615\NEW FOLDER\BF062615\
 Data File : BF080197.D
 Acq On : 26 Jun 2015 18:58
 Operator : TP/IZ
 Sample : G2809-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 29 09:32:17 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

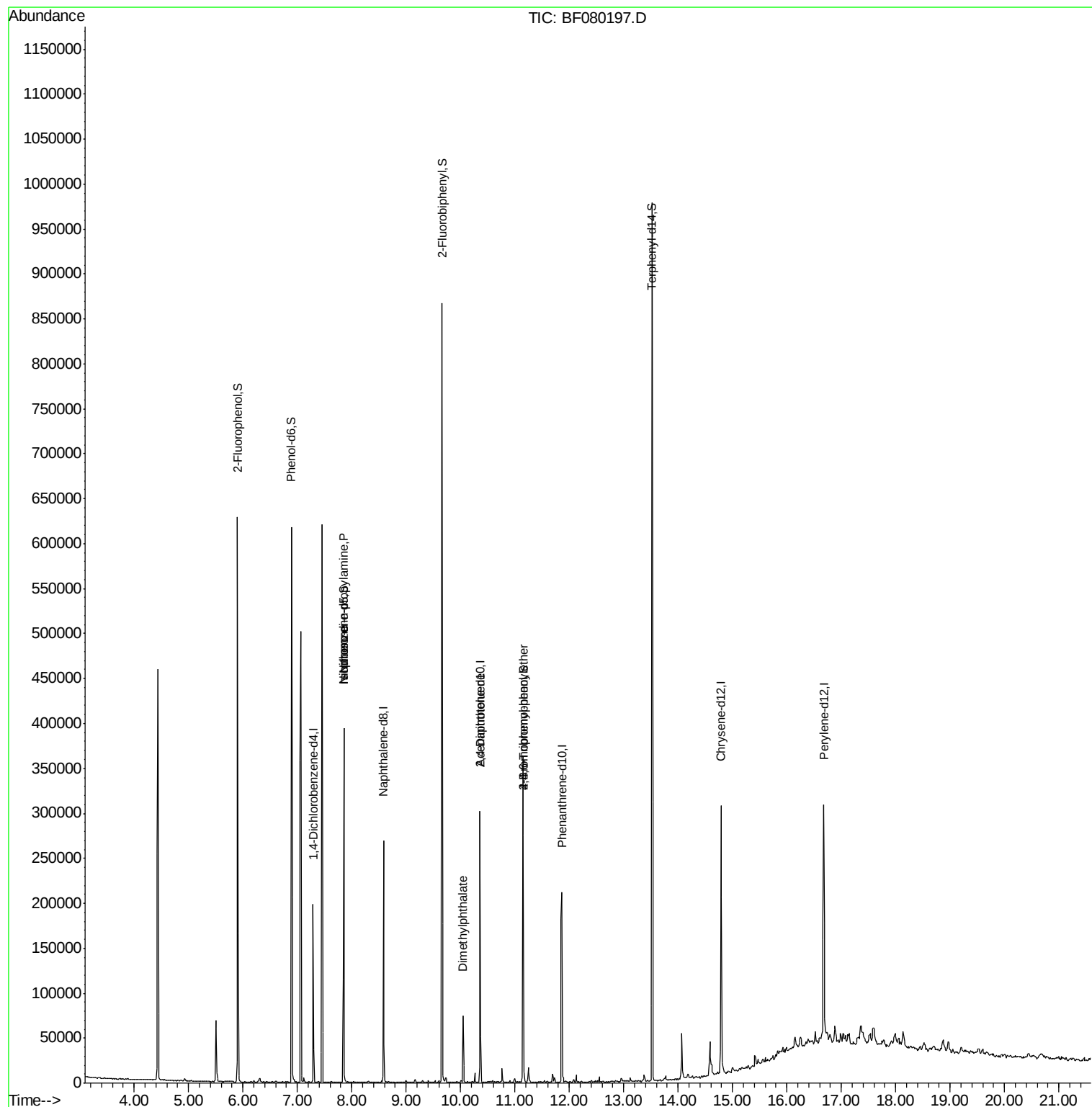
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	27456	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	110199	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	57418	20.00	ng	-0.03
63) Phenanthrene-d10	11.86	188	114880	20.00	ng	-0.05
75) Chrysene-d12	14.79	240	140931	20.00	ng	-0.21
86) Perylene-d12	16.68	264	137843	20.00	ng	-0.25
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	162851	104.99	ng	-0.03
7) Phenol-d6	6.89	99	214489	103.92	ng	-0.03
23) Nitrobenzene-d5	7.85	82	126606	66.88	ng	-0.02
41) 2,4,6-Tribromophenol	11.16	330	54704	97.43	ng	-0.02
44) 2-Fluorobiphenyl	9.66	172	259414	64.43	ng	-0.03
78) Terphenyl-d14	13.52	244	336233	55.72	ng	-0.15
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.85	70	15721	10.97	ng	# 57
25) Isophorone	7.85	82	126600	33.23	ng	# 58
49) Dimethylphthalate	10.05	163	29097	6.74	ng	# 96
56) 2,4-Dinitrotoluene	10.36	165	7129	6.49	ng	# 31
66) 4-Bromophenyl-phenylether	11.16	248	3605	2.95	ng	# 1

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

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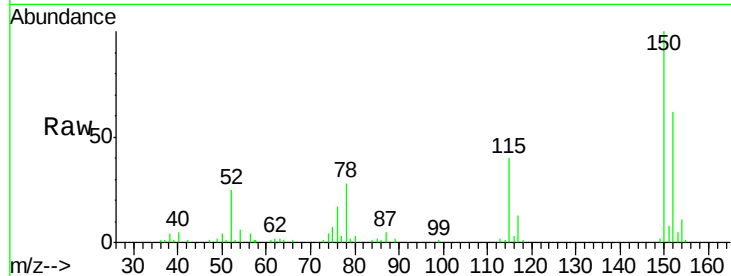


#1

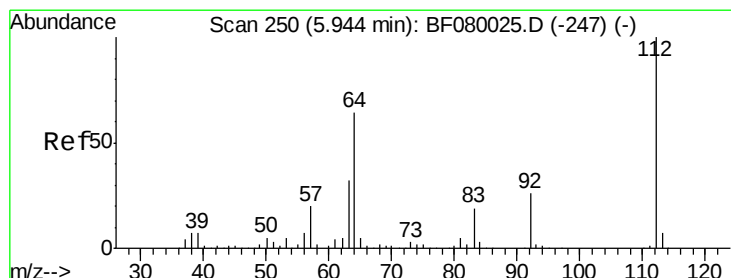
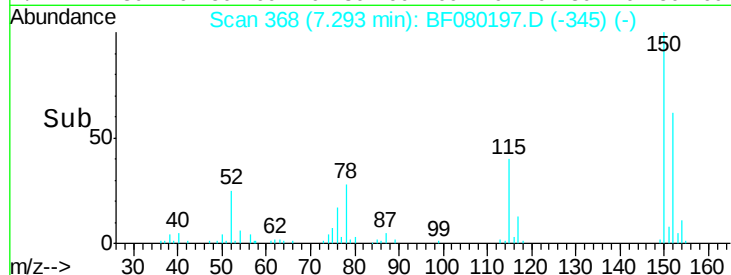
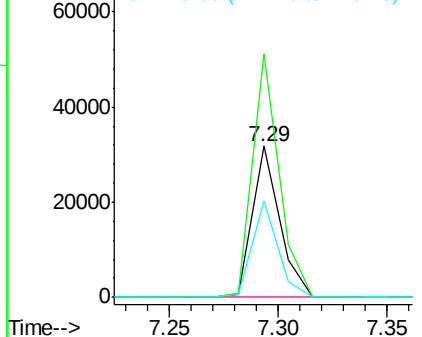
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 368
Delta R.T. -0.03 min
Lab File: BF080197.D
Acq: 26 Jun 2015 18:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 27456
Ion Ratio Lower Upper
152 100
150 161.2 124.7 187.1
115 63.7 39.0 58.4#



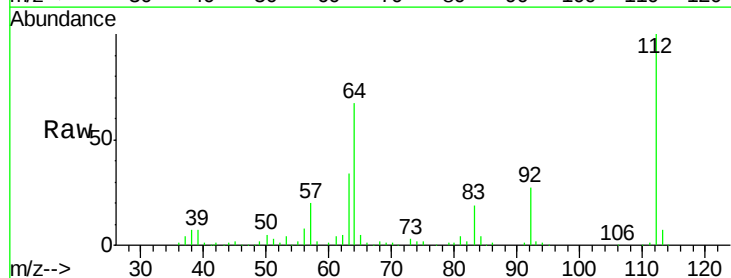
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



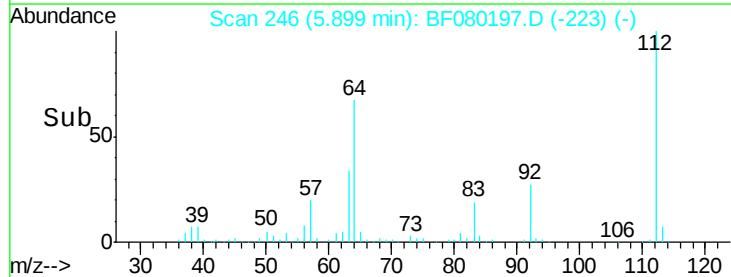
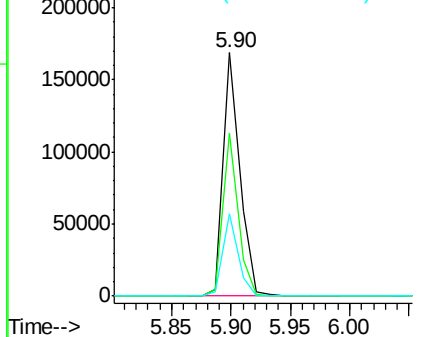
#5

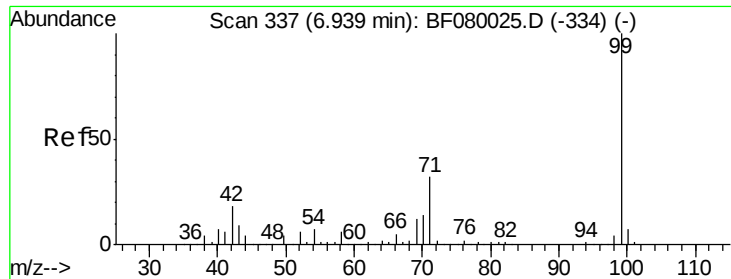
2-Fluorophenol
Concen: 104.99 ng
RT: 5.90 min Scan# 246
Delta R.T. -0.03 min
Lab File: BF080197.D
Acq: 26 Jun 2015 18:58

Tgt Ion:112 Resp: 162851
Ion Ratio Lower Upper
112 100
64 66.7 39.7 59.5#
63 33.7 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: 103.92 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080197.D

Acq: 26 Jun 2015 18:58

Instrument :

BNA_F

ClientSampled :

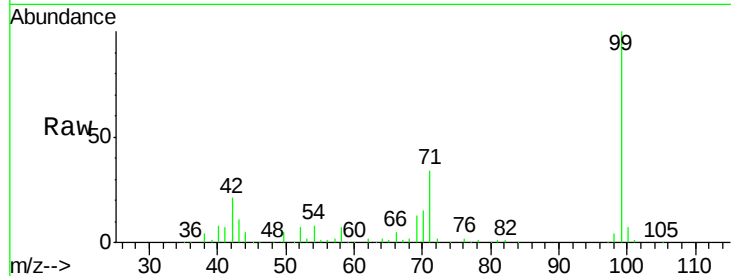
Tot Ion: 99 Resp: 214489

Ion Ratio Lower Upper

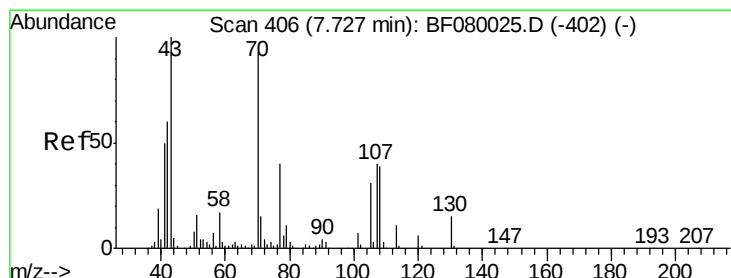
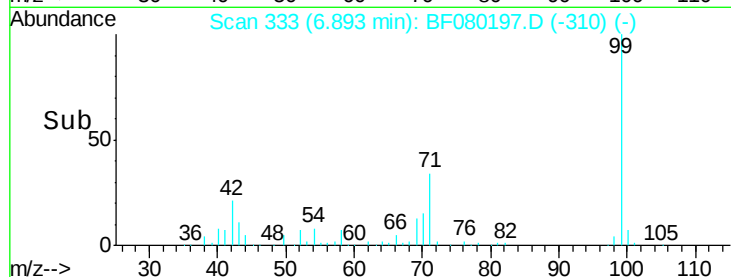
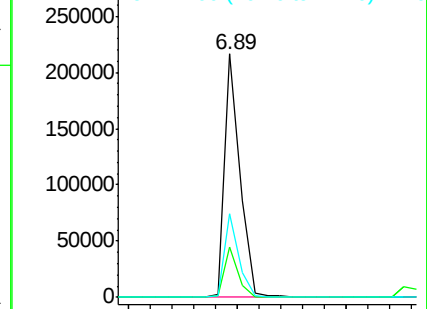
99 100

42 20.9 13.7 20.5#

71 34.4 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



#19

n-Nitroso-di-n-propylamine

Concen: 10.97 ng

RT: 7.85 min Scan# 417

Delta R.T. 0.14 min

Lab File: BF080197.D

Acq: 26 Jun 2015 18:58

Tgt Ion: 70 Resp: 15721

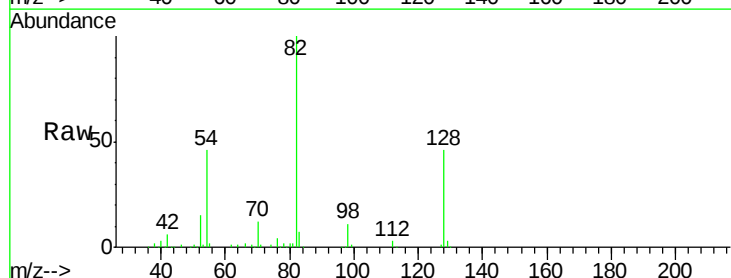
Ion Ratio Lower Upper

70 100

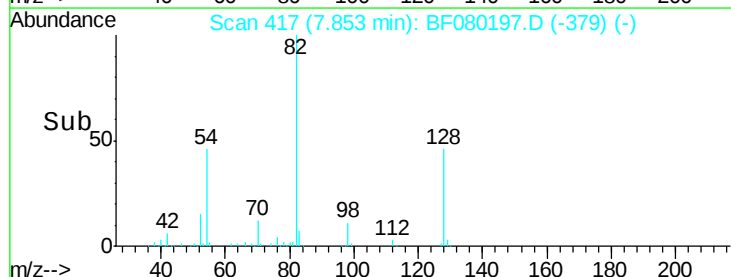
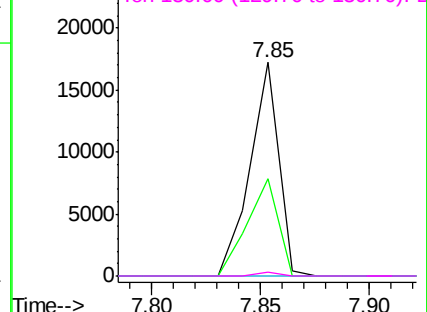
42 45.4 63.8 95.6#

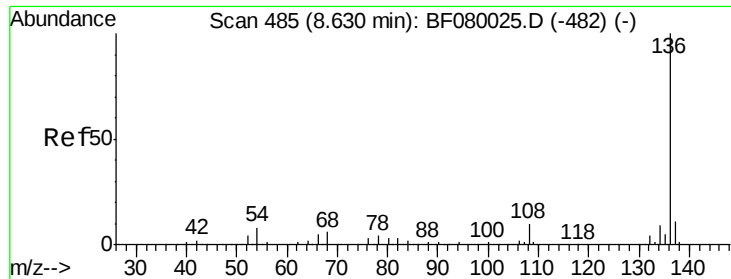
101 0.0 9.2 13.8#

130 2.1 27.3 40.9#



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

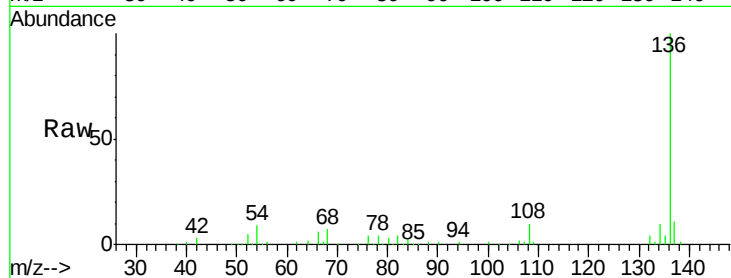




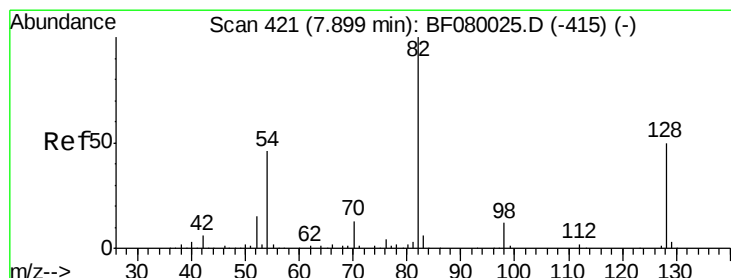
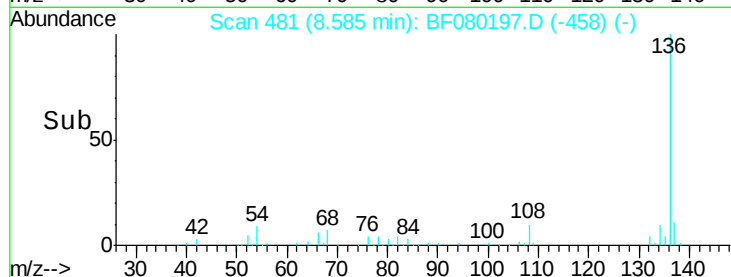
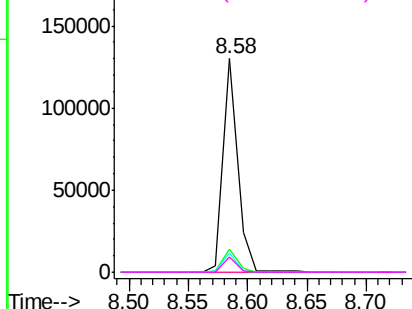
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF080197.D
Acq: 26 Jun 2015 18:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	110199
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.6
54	9.2	8.2 12.2
68	7.2	5.8 8.6

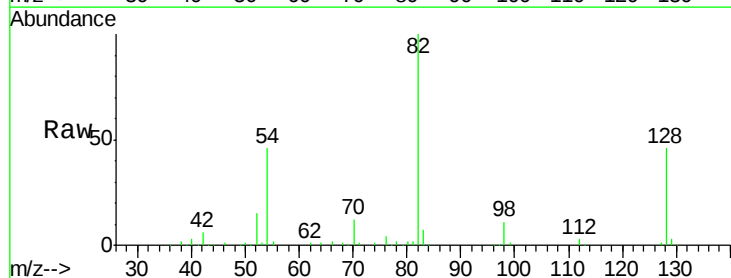


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

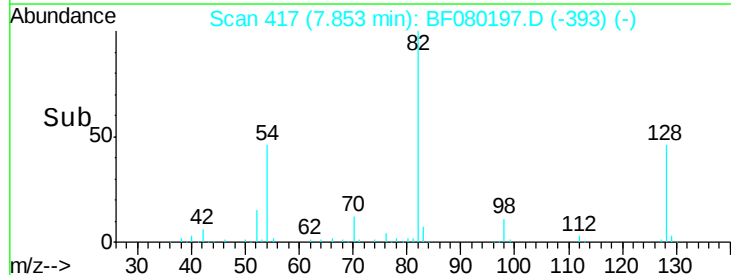
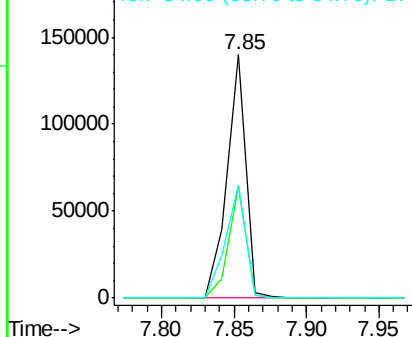


#23
Nitrobenzene-d5
Concen: 66.88 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF080197.D
Acq: 26 Jun 2015 18:58

Tgt Ion: 82	Resp:	126606
Ion Ratio	Lower	Upper
82	100	
128	45.9	51.0 76.6#
54	46.2	47.5 71.3#



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: 33.23 ng

RT: 7.85 min Scan# 417

Delta R.T. -0.29 min

Lab File: BF080197.D

Acq: 26 Jun 2015 18:58

Instrument :

BNA_F

ClientSampleId :

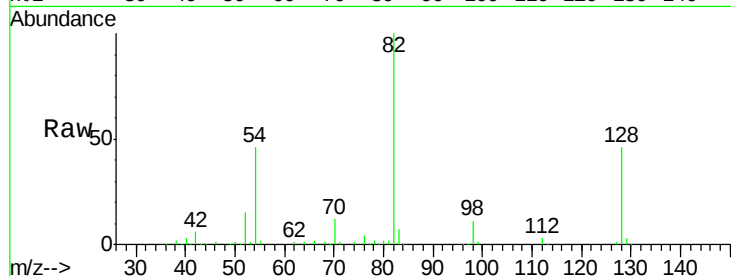
Tot Ion: 82 Resp: 126600

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

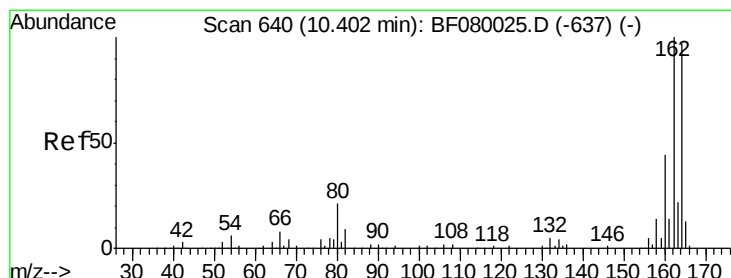
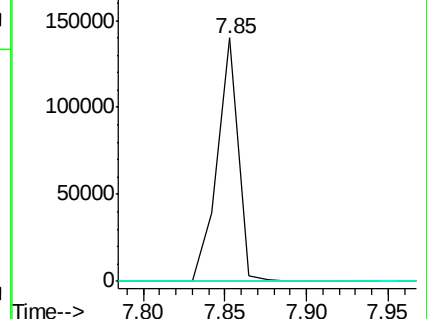
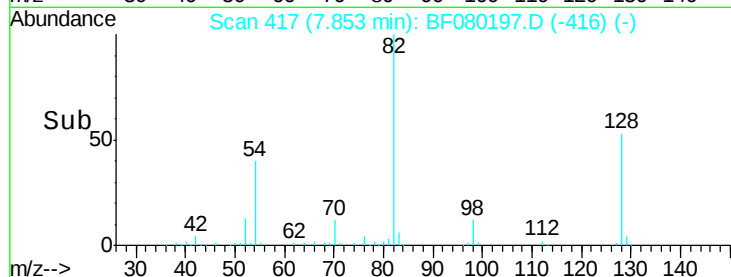
138 0.0 18.3 27.5#



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: BF080197.D

Acq: 26 Jun 2015 18:58

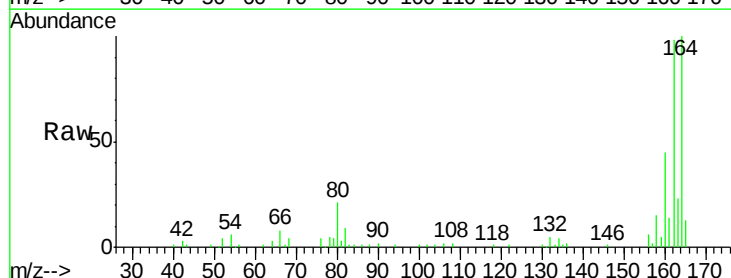
Tgt Ion: 164 Resp: 57418

Ion Ratio Lower Upper

164 100

162 98.4 75.2 112.8

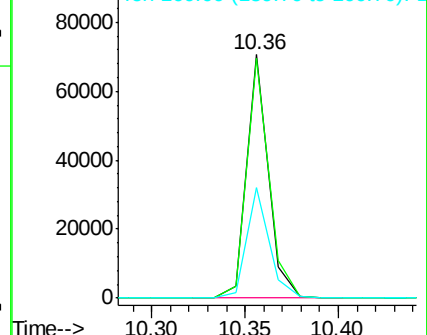
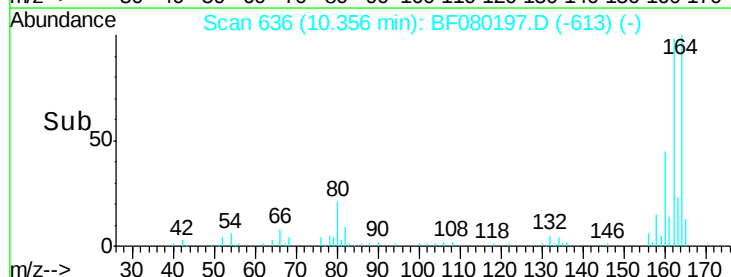
160 45.2 31.5 47.3

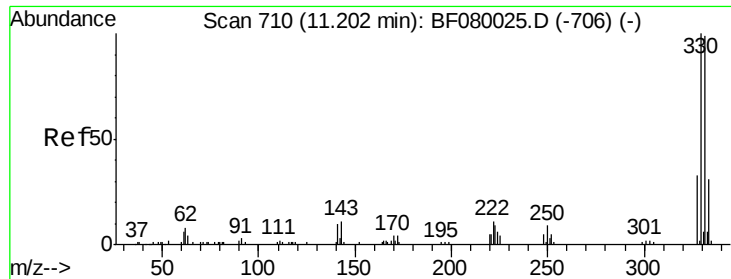


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

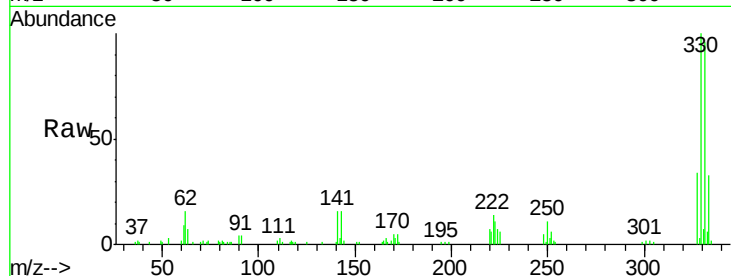




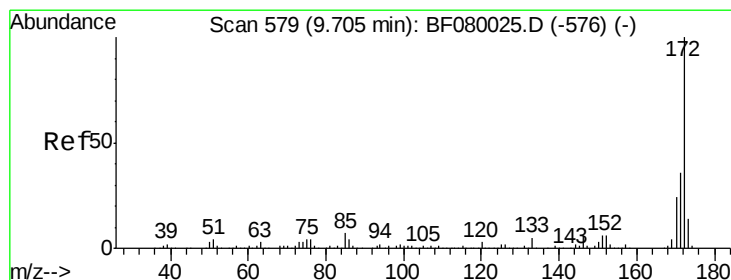
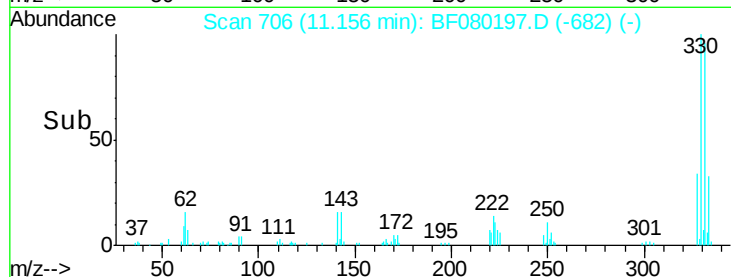
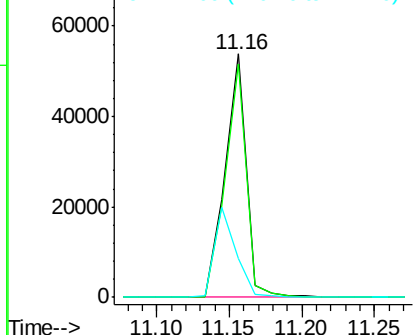
#41
 2,4,6-Tribromophenol
 Concen: 97.43 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF080197.D
 Acq: 26 Jun 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 54704
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 114.8
 141 37.5 29.7 44.5

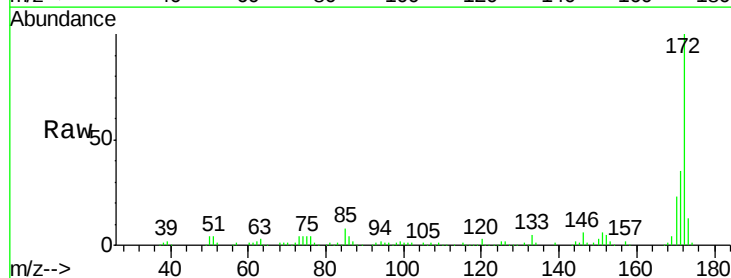


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

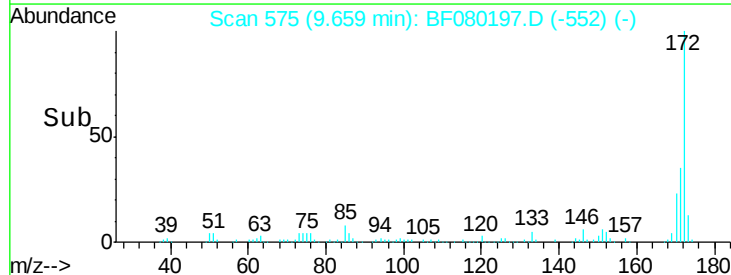
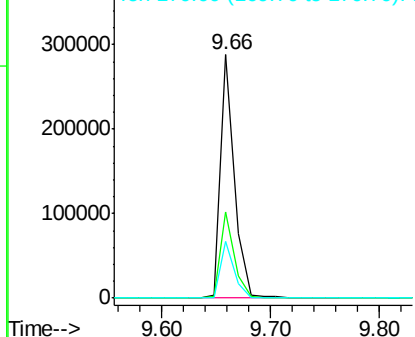


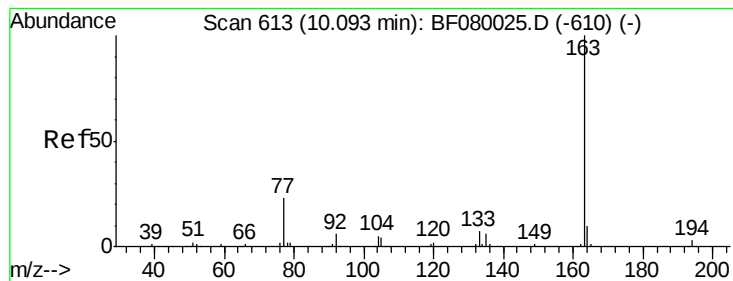
#44
 2-Fluorobiphenyl
 Concen: 64.43 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF080197.D
 Acq: 26 Jun 2015 18:58

Tgt Ion:172 Resp: 259414
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.1 39.1
 170 23.2 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





#49

Dimethylphthalate

Concen: 6.74 ng

RT: 10.05 min Scan# 609

Delta R.T. -0.03 min

Lab File: BF080197.D

Acq: 26 Jun 2015 18:58

Instrument :

BNA_F

ClientSampleId :

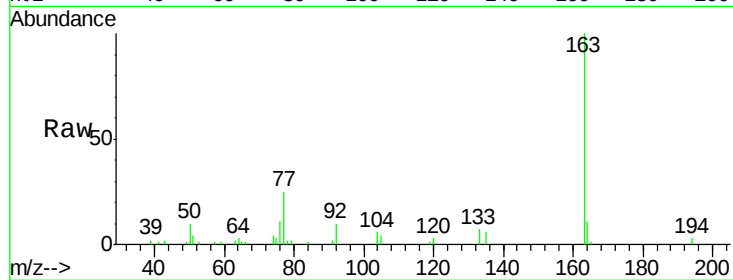
Tot Ion:163 Resp: 29097

Ion Ratio Lower Upper

163 100

194 3.1 4.4 6.6#

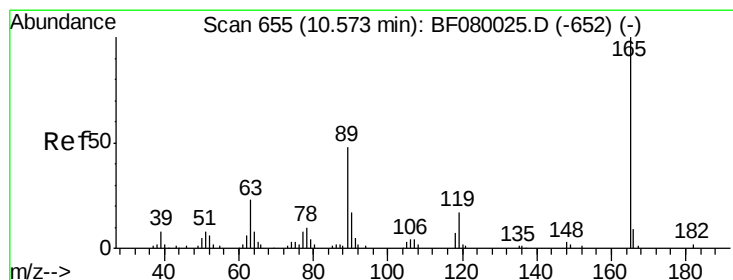
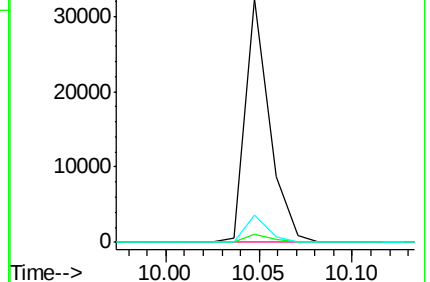
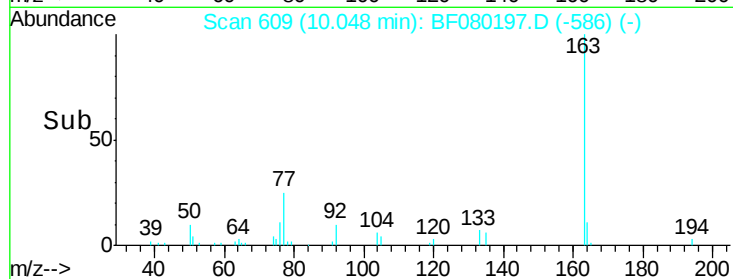
164 11.5 8.3 12.5



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: 6.49 ng

RT: 10.36 min Scan# 636

Delta R.T. -0.19 min

Lab File: BF080197.D

Acq: 26 Jun 2015 18:58

Tgt Ion:165 Resp: 7129

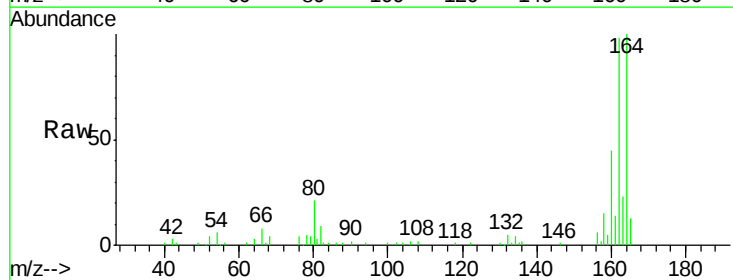
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

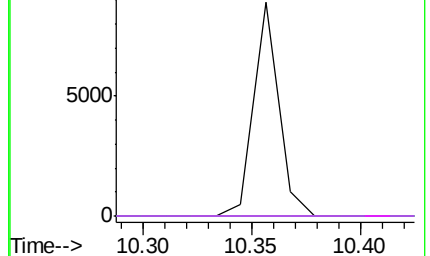
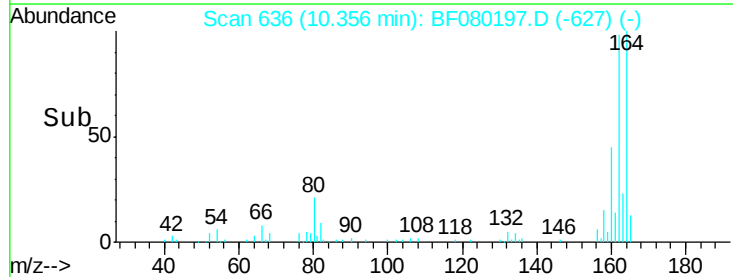


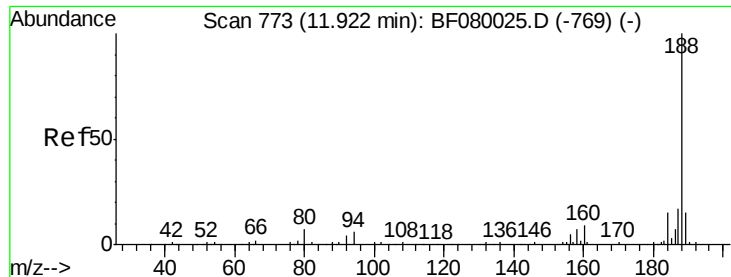
Abundance Ion 165.00 (164.70 to 165.70): E

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

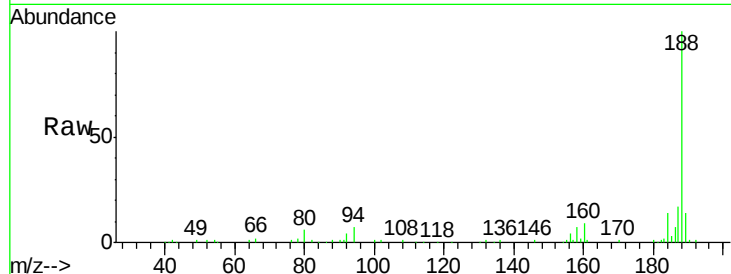




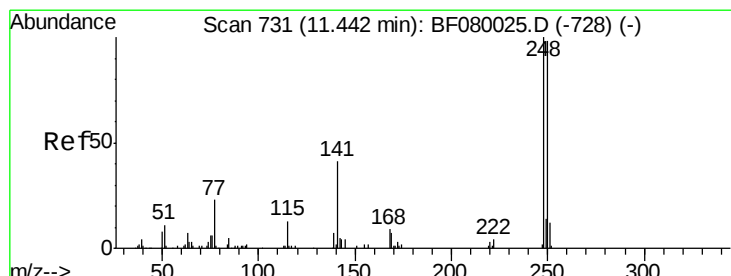
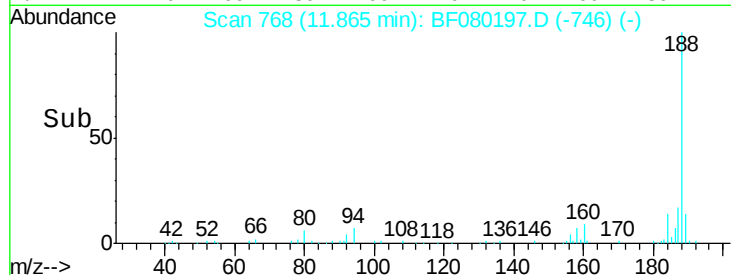
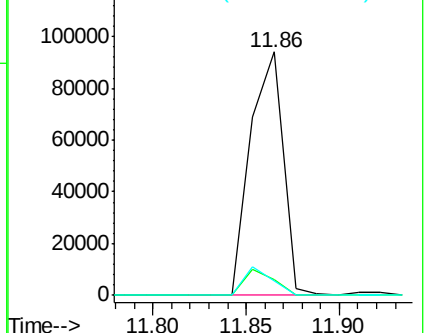
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.86 min Scan# 768
 Delta R.T. -0.05 min
 Lab File: BF080197.D
 Acq: 26 Jun 2015 18:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 114880
 Ion Ratio Lower Upper
 188 100
 94 6.5 11.1 16.7#
 80 6.1 11.0 16.4#

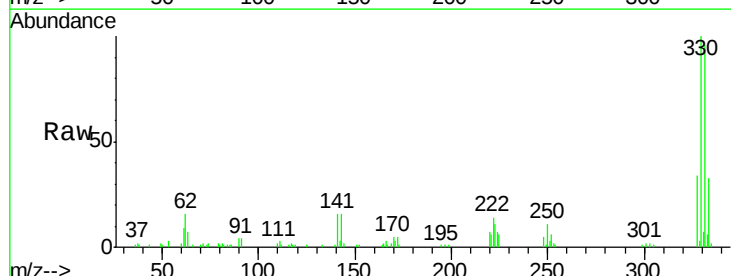


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

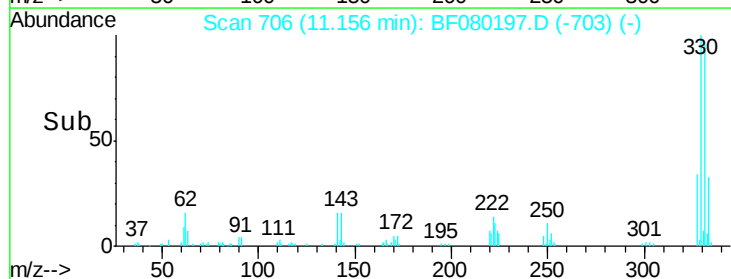
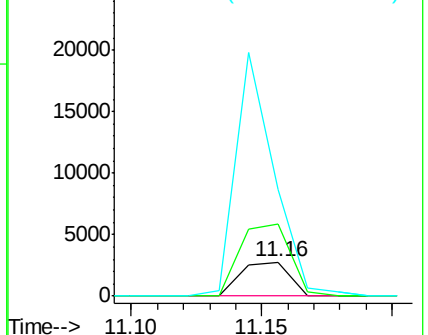


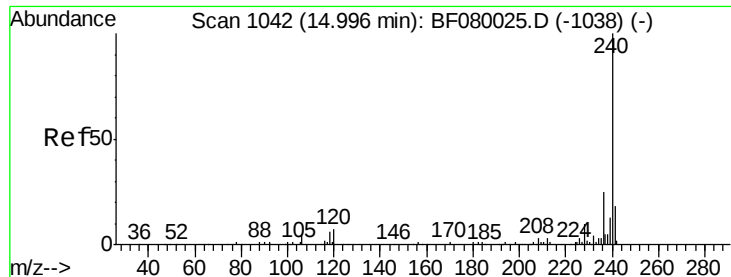
#66
 4-Bromophenyl-phenylether
 Concen: 2.95 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.26 min
 Lab File: BF080197.D
 Acq: 26 Jun 2015 18:58

Tgt Ion:248 Resp: 3605
 Ion Ratio Lower Upper
 248 100
 250 213.5 78.5 117.7#
 141 313.8 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: BF080197.D

Acq: 26 Jun 2015 18:58

Instrument :

BNA_F

ClientSampled :

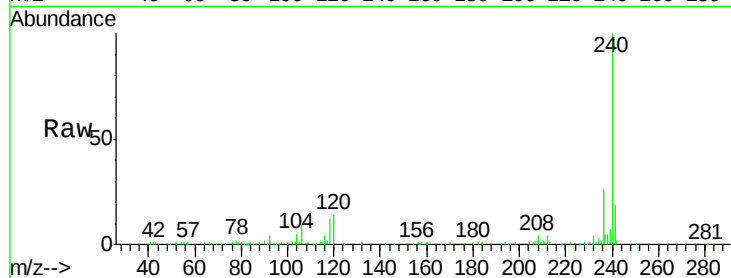
Tot Ion:240 Resp: 140931

Ion Ratio Lower Upper

240 100

120 13.7 16.2 24.2#

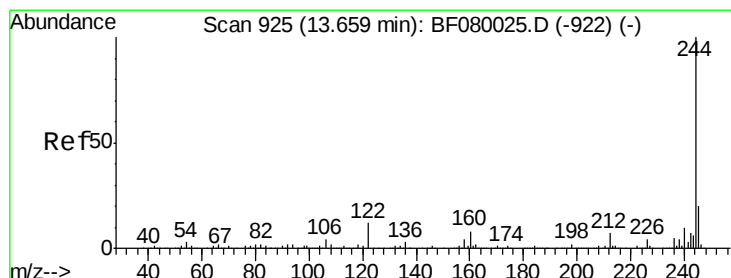
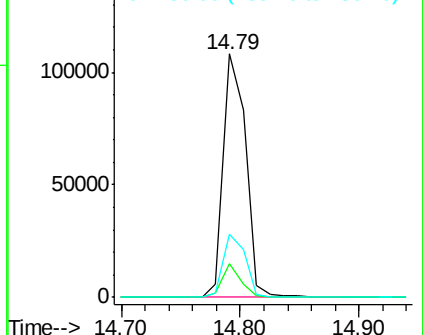
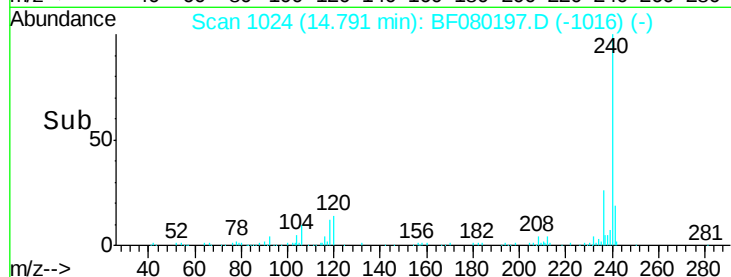
236 25.8 18.4 27.6



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: 55.72 ng

RT: 13.52 min Scan# 913

Delta R.T. -0.15 min

Lab File: BF080197.D

Acq: 26 Jun 2015 18:58

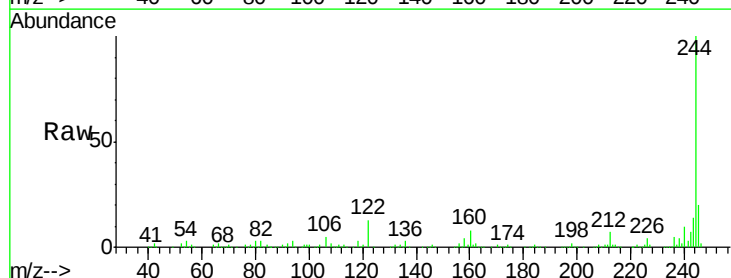
Tgt Ion:244 Resp: 336233

Ion Ratio Lower Upper

244 100

212 7.3 4.3 6.5#

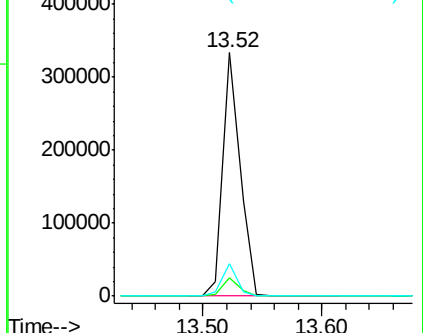
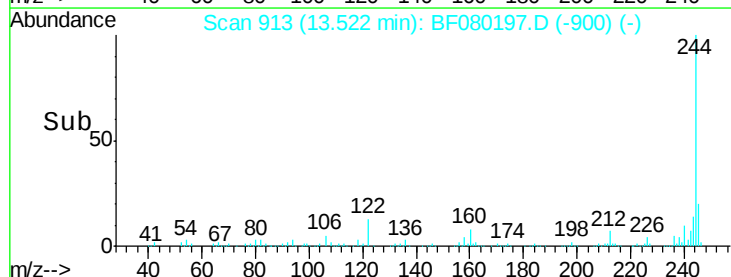
122 13.3 17.4 26.2#

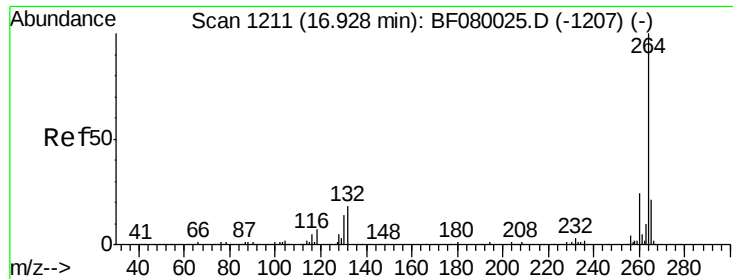


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



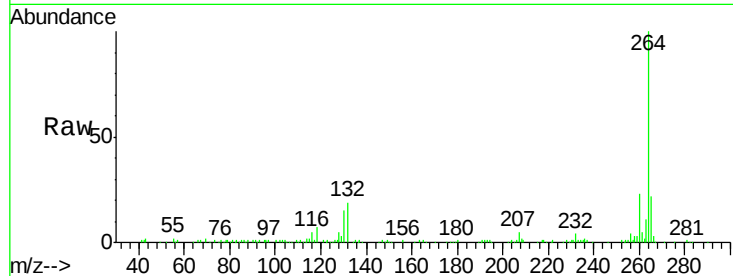


#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.68 min Scan# 1189
Delta R.T. -0.25 min
Lab File: BF080197.D
Acq: 26 Jun 2015 18:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 137843

Ion	Ratio	Lower	Upper
264	100		
260	22.9	16.7	25.1
265	21.6	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

