

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062615\NEW FOLDER\BF062615\
 Data File : BF080196.D
 Acq On : 26 Jun 2015 18:29
 Operator : TP/IZ
 Sample : G2785-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 29 09:32:02 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

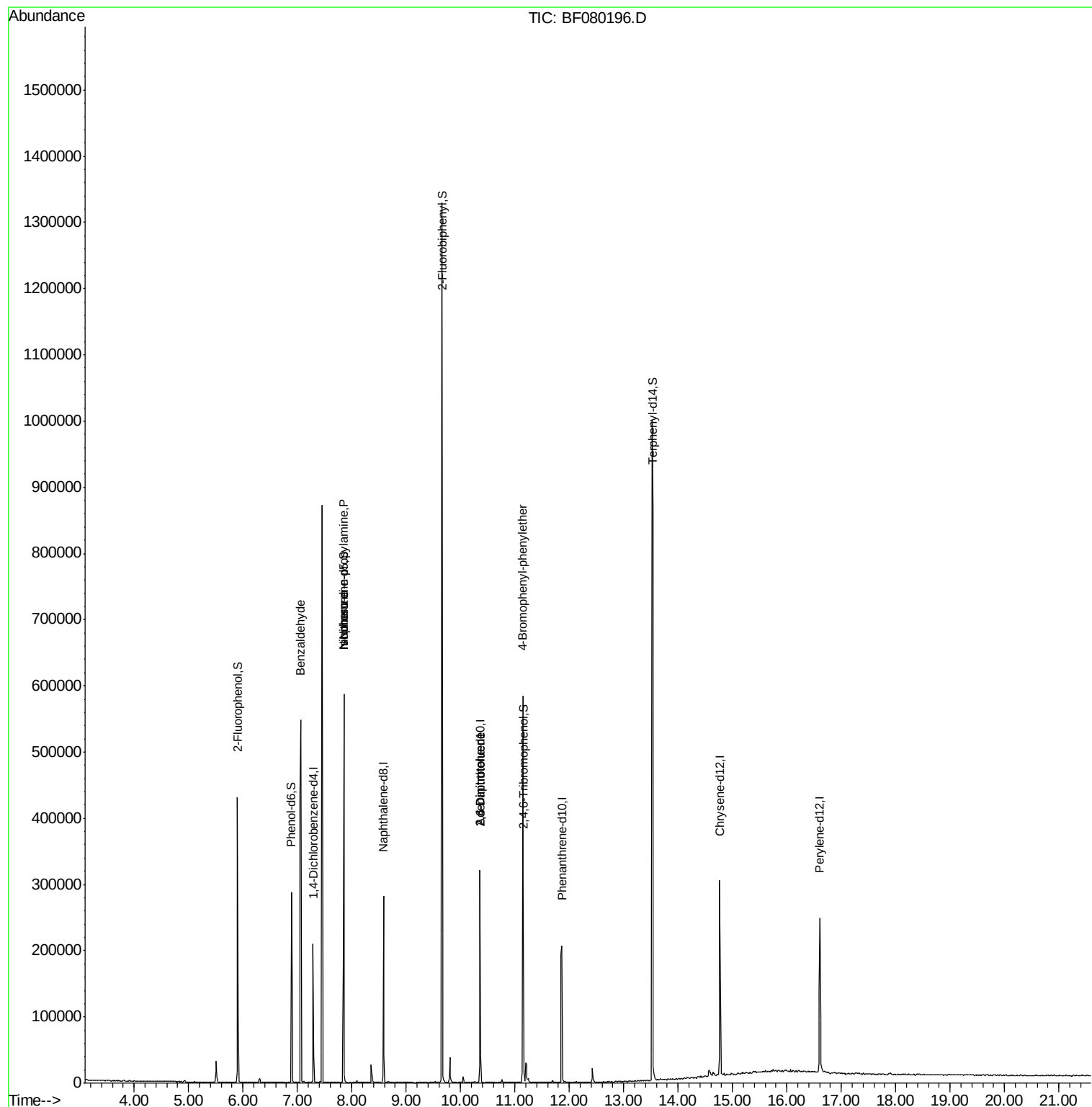
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	29219	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	115293	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	60410	20.00	ng	-0.03
63) Phenanthrene-d10	11.86	188	117074	20.00	ng	-0.05
75) Chrysene-d12	14.77	240	128660	20.00	ng	-0.23
86) Perylene-d12	16.61	264	128240	20.00	ng	-0.32
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	110587	67.00	ng	-0.03
7) Phenol-d6	6.89	99	91746	41.77	ng	-0.03
23) Nitrobenzene-d5	7.85	82	186030	93.93	ng	-0.02
41) 2,4,6-Tribromophenol	11.16	330	76286	129.14	ng	-0.02
44) 2-Fluorobiphenyl	9.66	172	381391	90.03	ng	-0.03
78) Terphenyl-d14	13.53	244	471863	85.65	ng	-0.14
Target Compounds						
9) Benzaldehyde	7.06	77	4773	3.76	ng	# 63
19) n-Nitroso-di-n-propylamine	7.85	70	24060	15.78	ng	# 57
25) Isophorone	7.85	82	186056	46.68	ng	# 58
50) 2,6-Dinitrotoluene	10.36	165	7522	8.26	ng	# 37
56) 2,4-Dinitrotoluene	10.36	165	7523	6.51	ng	# 31
66) 4-Bromophenyl-phenylether	11.14	248	5528	4.44	ng	# 1

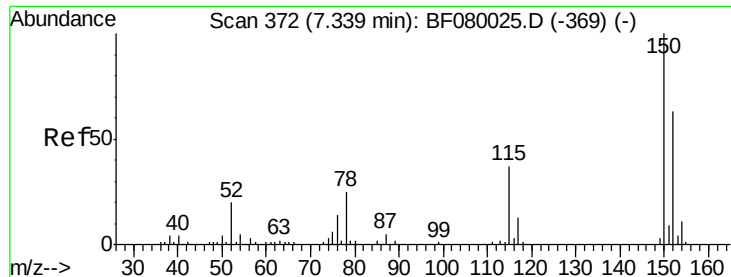
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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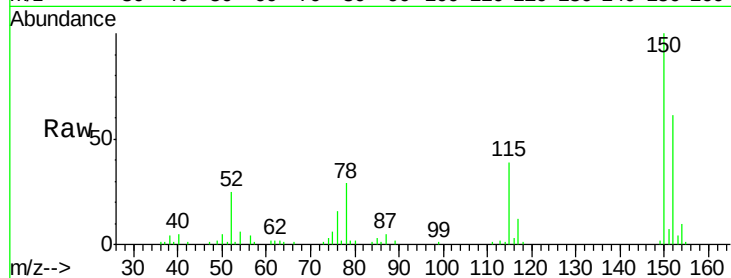


#1

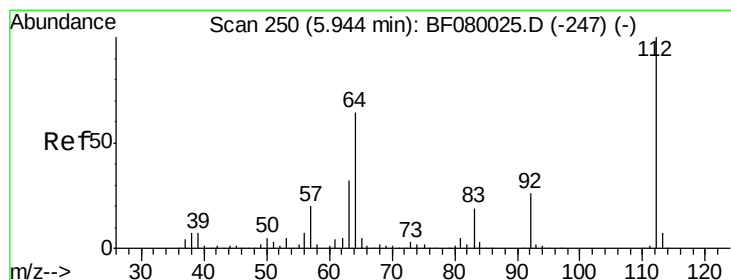
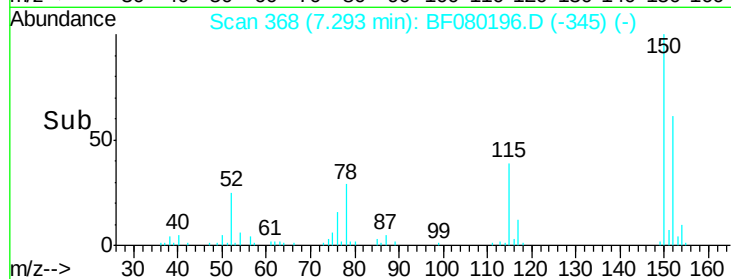
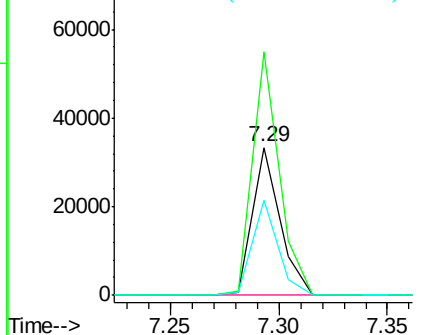
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 368
Delta R.T. -0.03 min
Lab File: BF080196.D
Acq: 26 Jun 2015 18:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 29219
Ion Ratio Lower Upper
152 100
150 164.4 124.7 187.1
115 64.1 39.0 58.4#



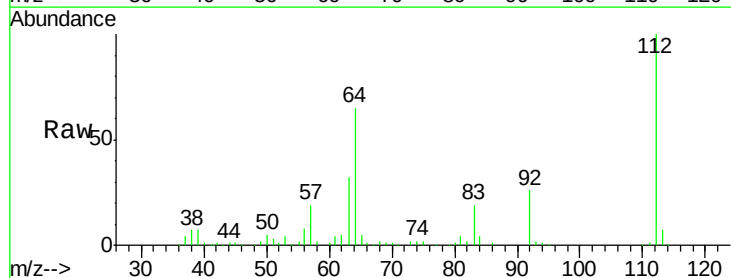
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



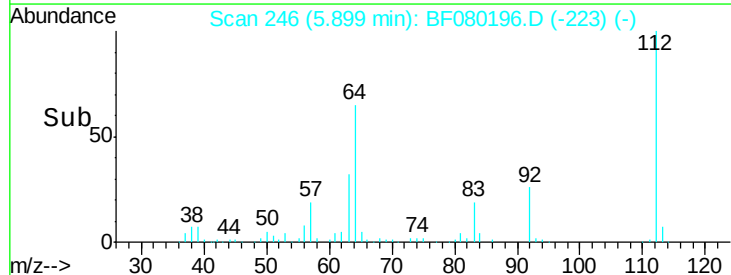
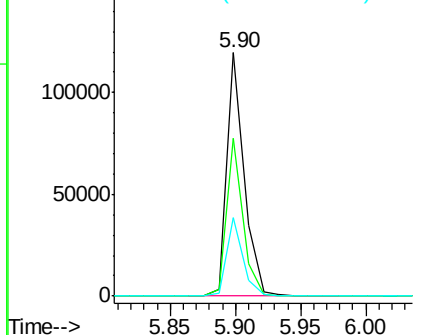
#5

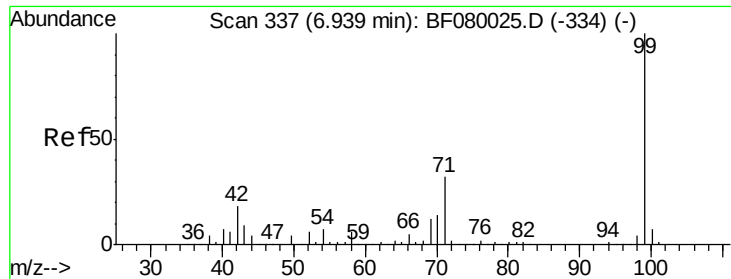
2-Fluorophenol
Concen: 67.00 ng
RT: 5.90 min Scan# 246
Delta R.T. -0.03 min
Lab File: BF080196.D
Acq: 26 Jun 2015 18:29

Tgt Ion:112 Resp: 110587
Ion Ratio Lower Upper
112 100
64 64.9 39.7 59.5#
63 32.2 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: 41.77 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080196.D

Acq: 26 Jun 2015 18:29

Instrument :

BNA_F

ClientSampled :

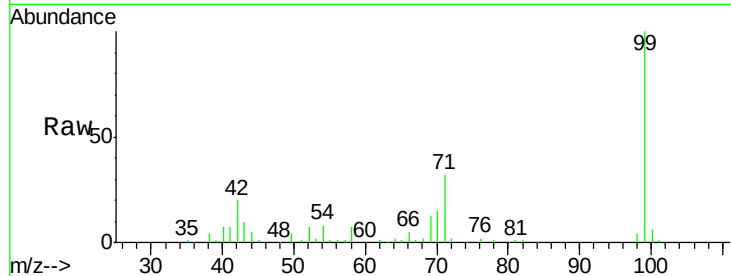
Tot Ion: 99 Resp: 91746

Ion Ratio Lower Upper

99 100

42 19.6 13.7 20.5

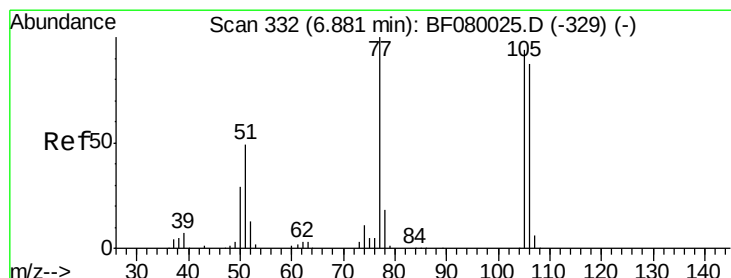
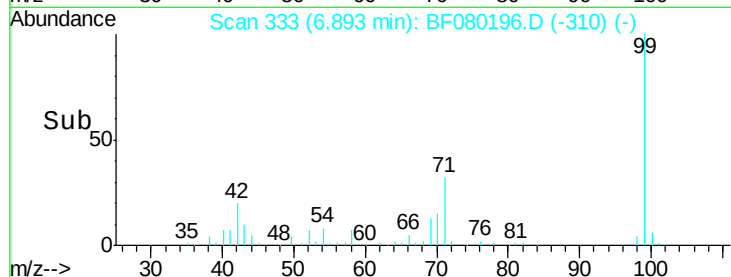
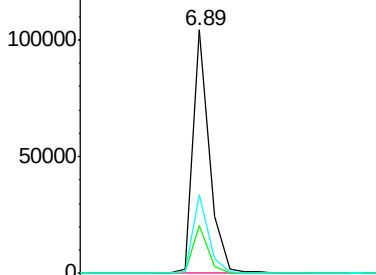
71 32.4 14.2 21.2#



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: 3.76 ng

RT: 7.06 min Scan# 348

Delta R.T. 0.19 min

Lab File: BF080196.D

Acq: 26 Jun 2015 18:29

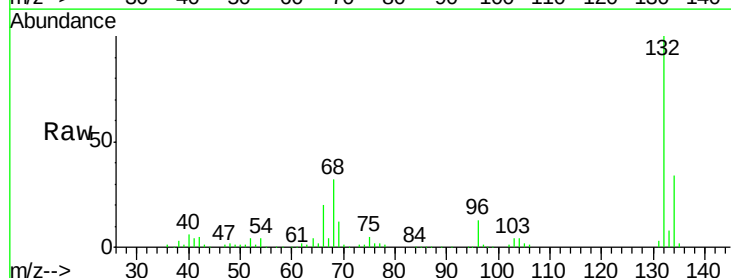
Tgt Ion: 77 Resp: 4773

Ion Ratio Lower Upper

77 100

105 84.6 91.6 131.6#

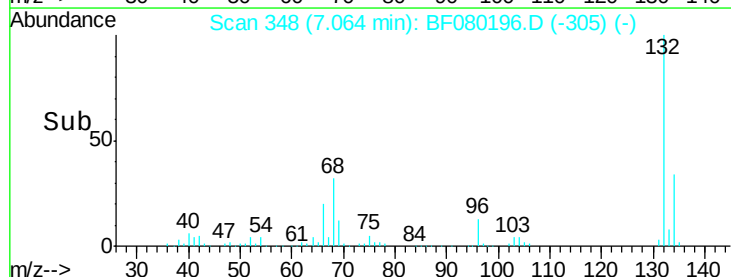
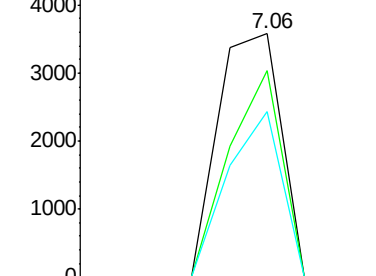
106 67.9 102.6 142.6#

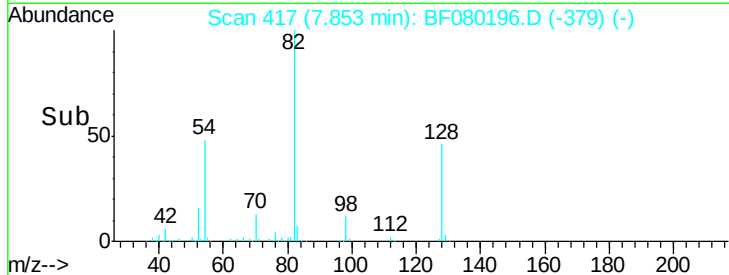
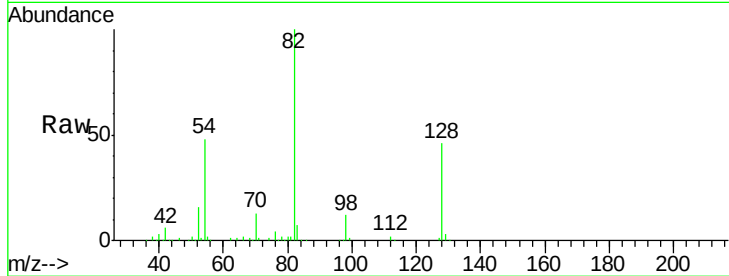
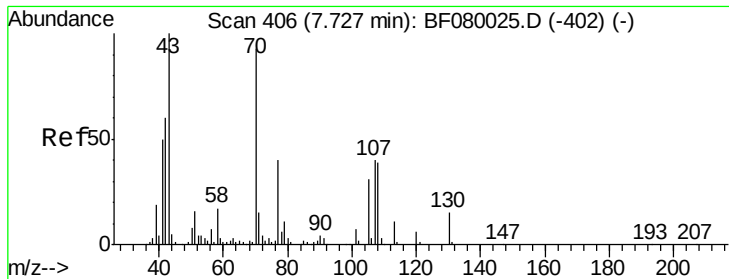


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

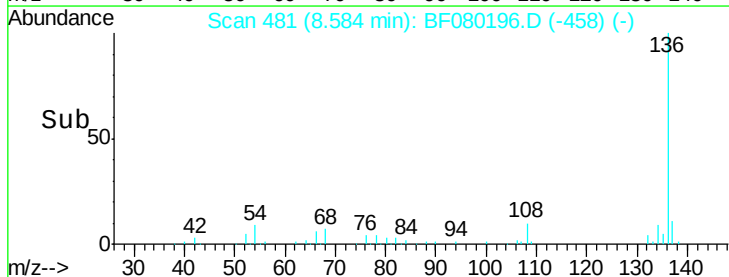
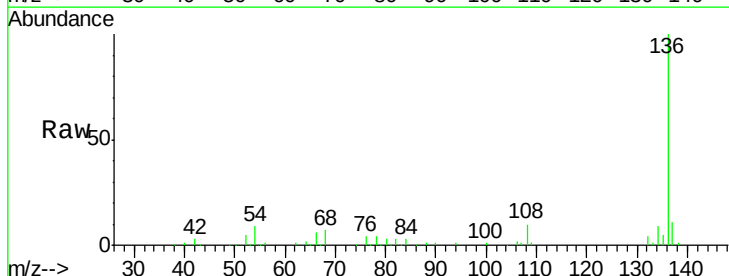
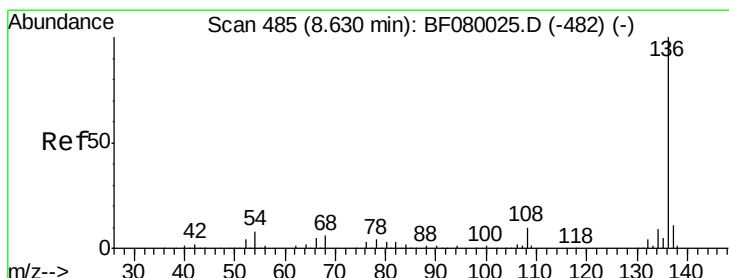
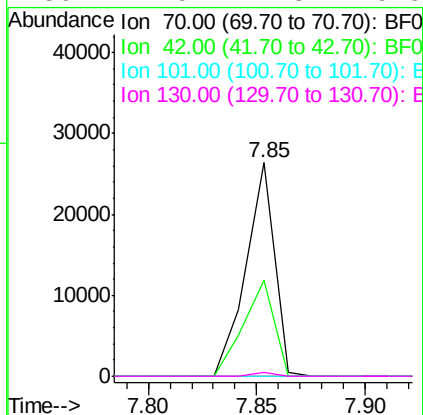




#19
n-Nitroso-di-n-propylamine
Concen: 15.78 ng
RT: 7.85 min Scan# 417
Delta R.T. 0.14 min
Lab File: BF080196.D
Acq: 26 Jun 2015 18:29

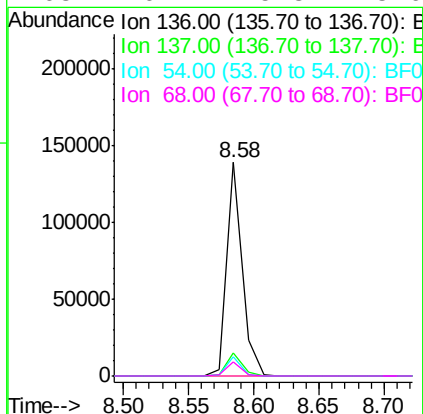
Instrument :
BNA_F
ClientSampleId :

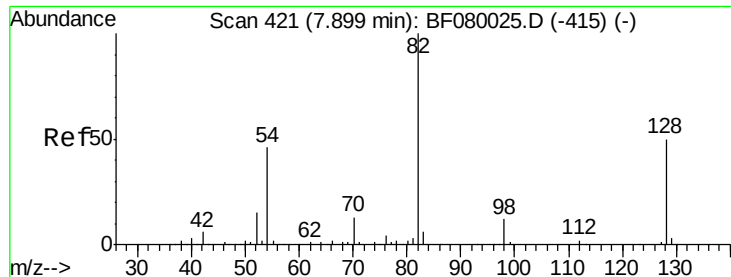
Tot Ion	Ratio	Lower	Upper
70	100		
42	44.9	63.8	95.6#
101	0.0	9.2	13.8#
130	2.0	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF080196.D
Acq: 26 Jun 2015 18:29

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	9.0	8.2	12.2
68	6.7	5.8	8.6

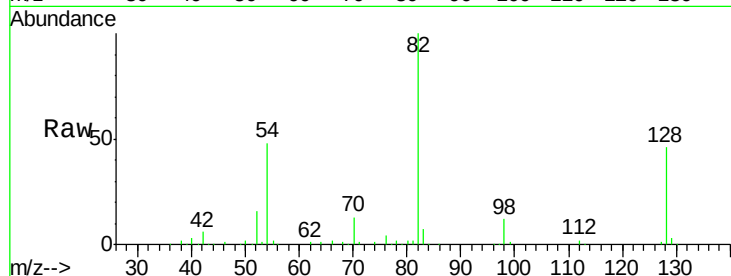




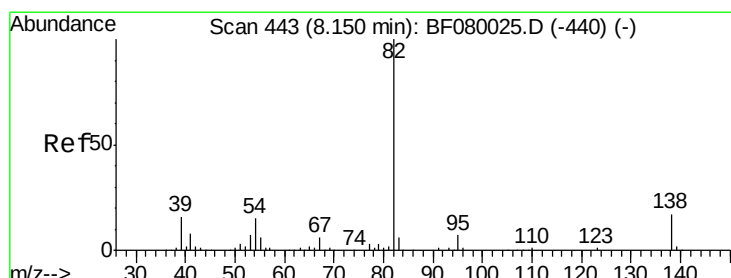
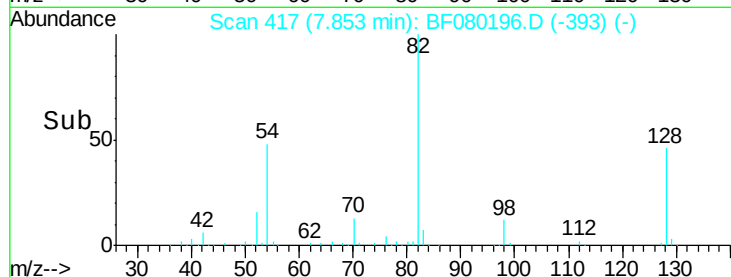
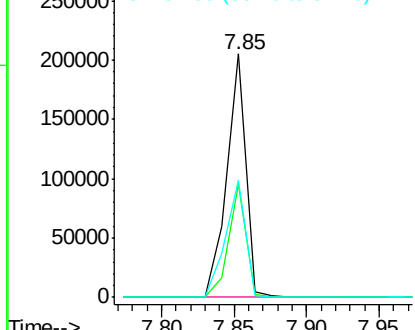
#23
Nitrobenzene-d5
Concen: 93.93 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF080196.D
Acq: 26 Jun 2015 18:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 186030
Ion Ratio Lower Upper
82 100
128 46.4 51.0 76.6#
54 47.9 47.5 71.3

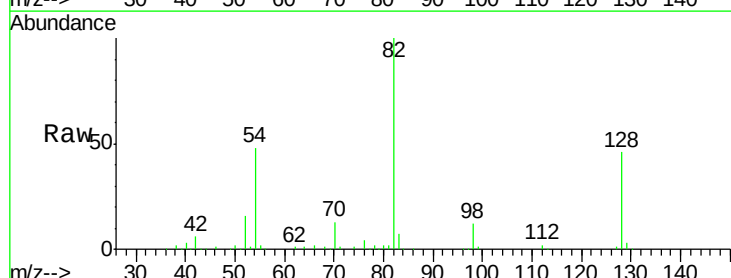


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

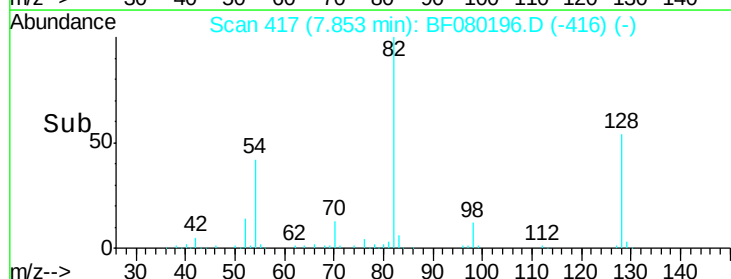
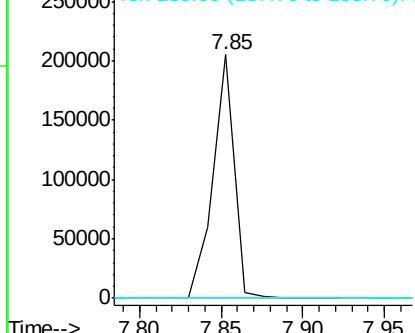


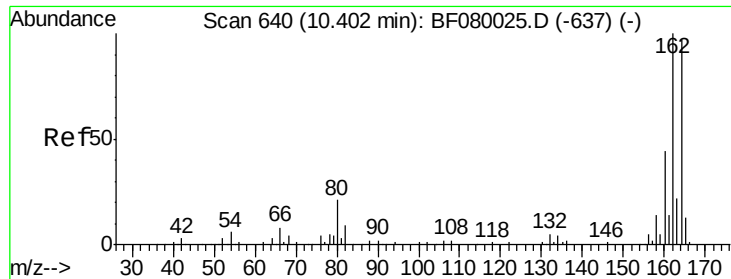
#25
Isophorone
Concen: 46.68 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.29 min
Lab File: BF080196.D
Acq: 26 Jun 2015 18:29

Tgt Ion: 82 Resp: 186056
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: BF080196.D

Acq: 26 Jun 2015 18:29

Instrument :

BNA_F

ClientSampleId :

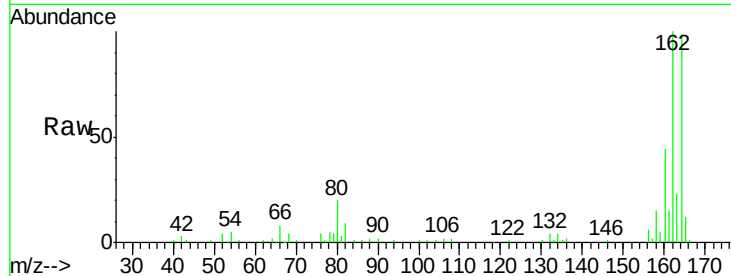
Tot Ion:164 Resp: 60410

Ion Ratio Lower Upper

164 100

162 100.8 75.2 112.8

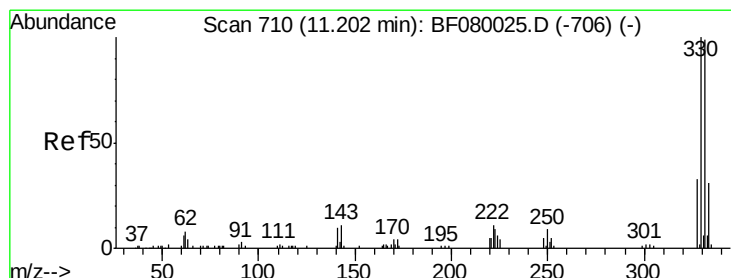
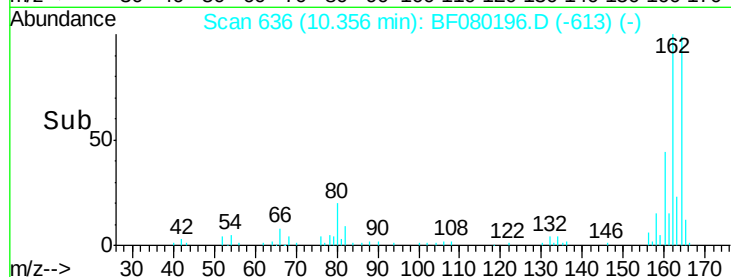
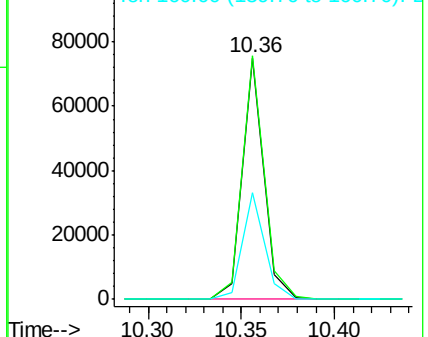
160 44.4 31.5 47.3



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: 129.14 ng

RT: 11.16 min Scan# 706

Delta R.T. -0.02 min

Lab File: BF080196.D

Acq: 26 Jun 2015 18:29

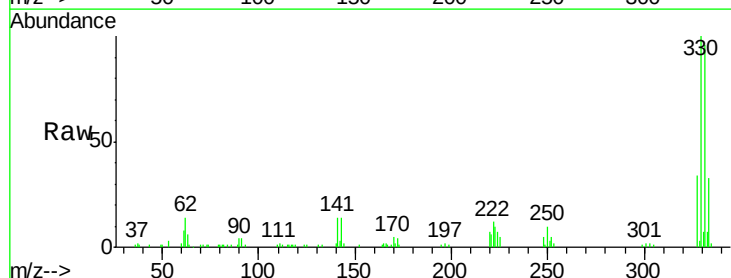
Tgt Ion:330 Resp: 76286

Ion Ratio Lower Upper

330 100

332 95.8 76.6 114.8

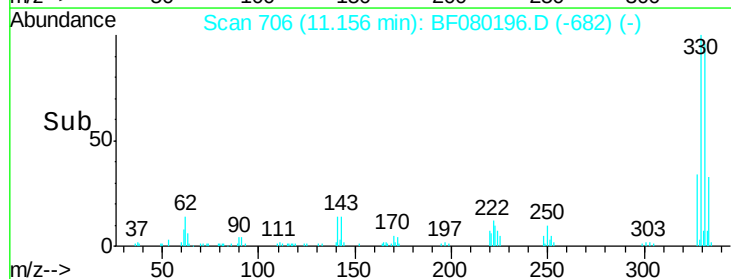
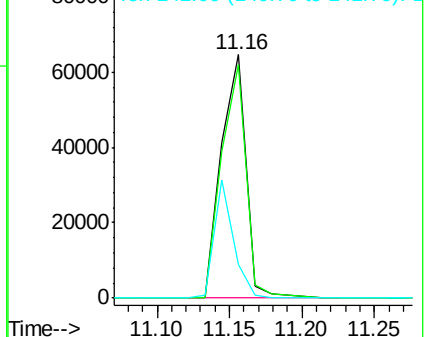
141 37.8 29.7 44.5

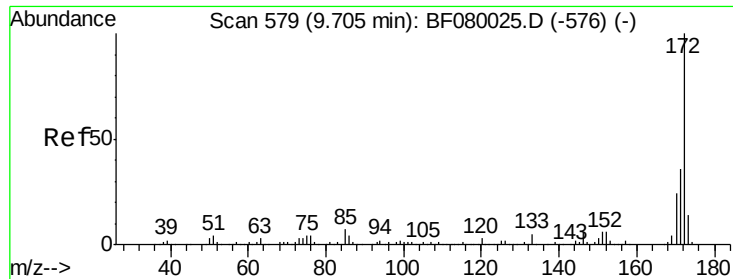


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

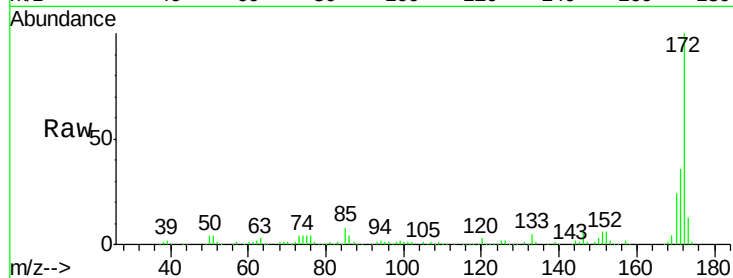




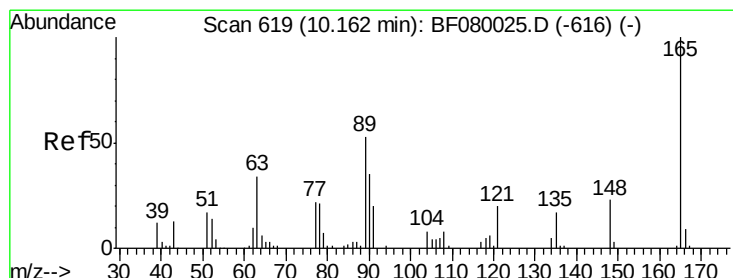
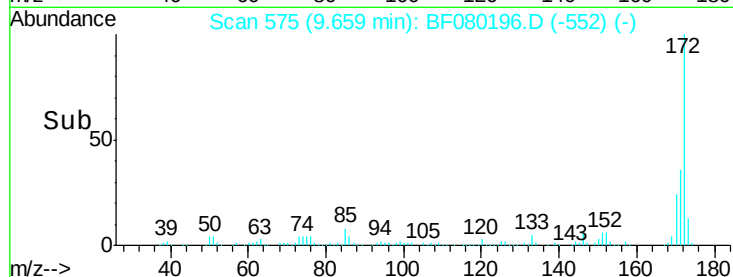
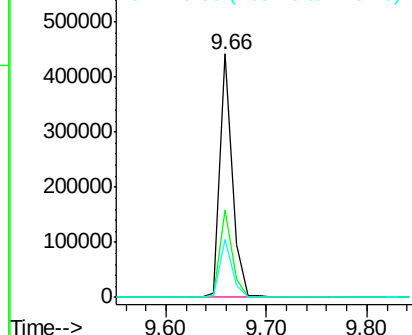
#44
 2-Fluorobiphenyl
 Concen: 90.03 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF080196.D
 Acq: 26 Jun 2015 18:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 381391
 Ion Ratio Lower Upper
 172 100
 171 35.9 26.1 39.1
 170 23.9 17.4 26.2

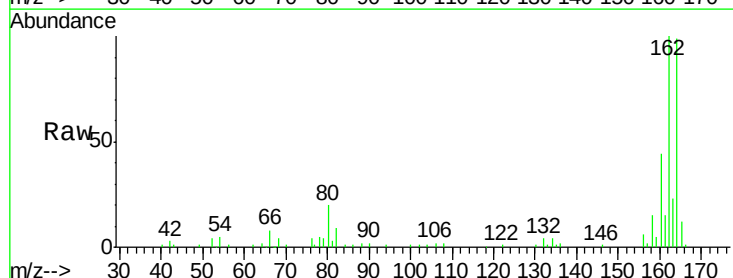


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

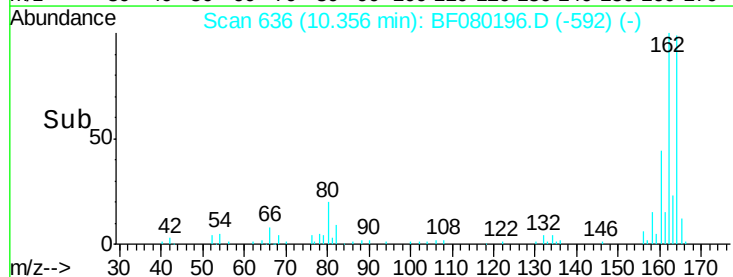
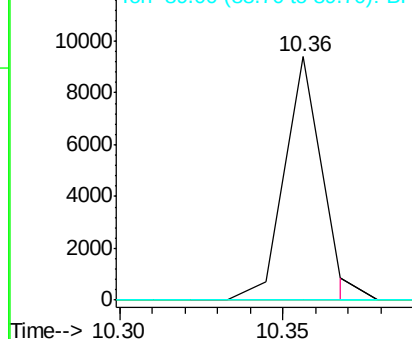


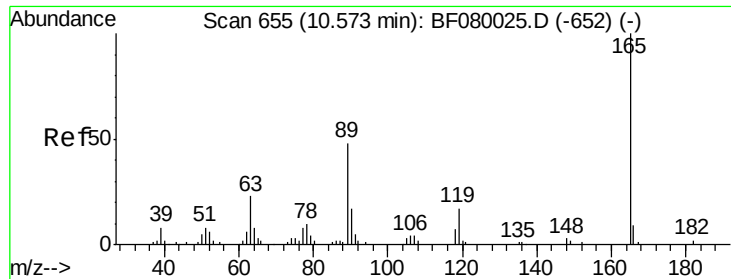
#50
 2,6-Dinitrotoluene
 Concen: 8.26 ng
 RT: 10.36 min Scan# 636
 Delta R.T. 0.21 min
 Lab File: BF080196.D
 Acq: 26 Jun 2015 18:29

Tgt Ion:165 Resp: 7522
 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

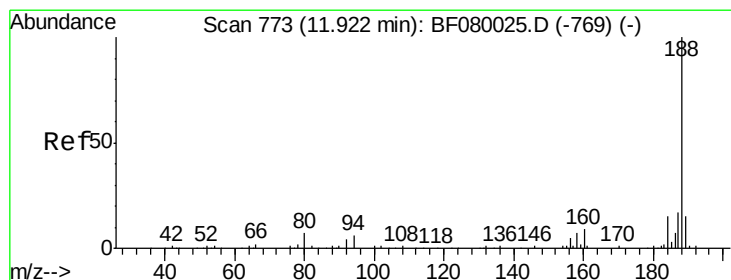
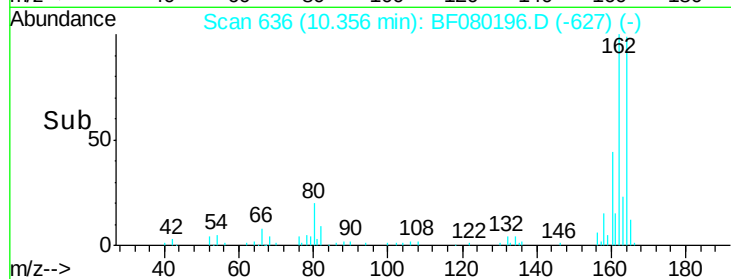
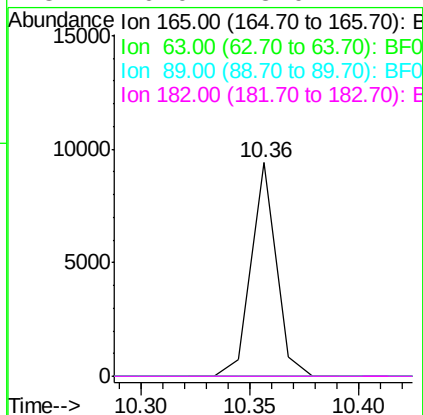
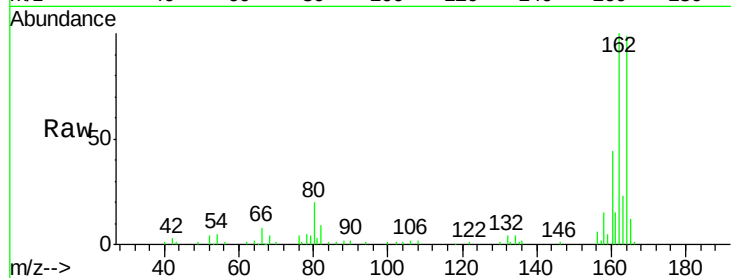




#56
 2,4-Dinitrotoluene
 Concen: 6.51 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.19 min
 Lab File: BF080196.D
 Acq: 26 Jun 2015 18:29

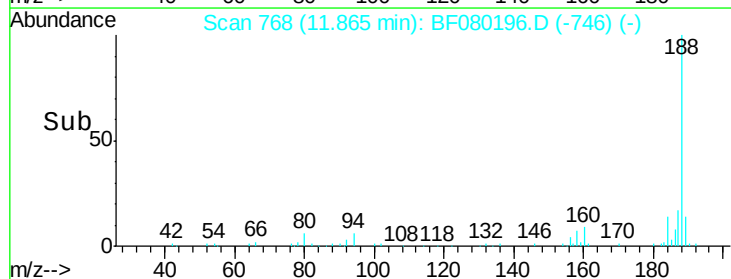
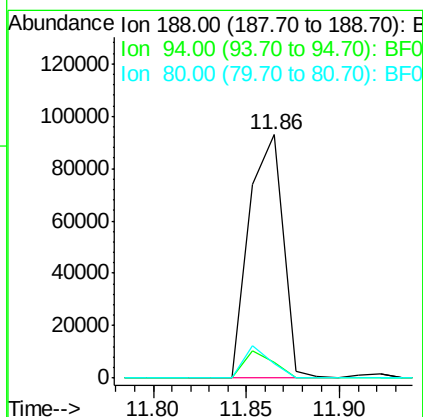
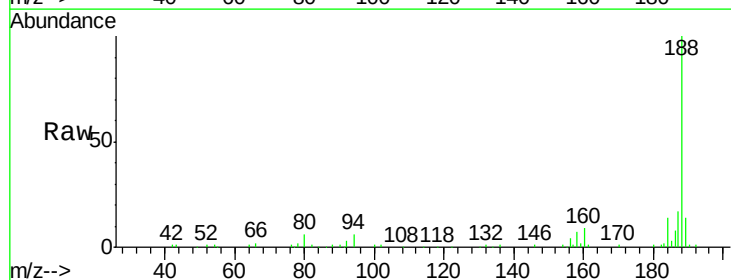
Instrument :
 BNA_F
 ClientSampleId :

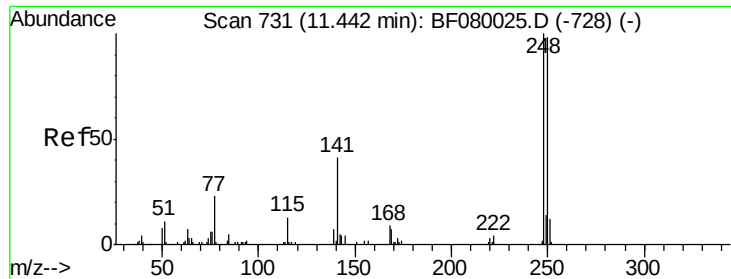
Tot Ion:	165	Resp:	7523
Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.86 min Scan# 768
 Delta R.T. -0.05 min
 Lab File: BF080196.D
 Acq: 26 Jun 2015 18:29

Tgt Ion:	188	Resp:	117074
Ion	Ratio	Lower	Upper
188	100		
94	6.2	11.1	16.7#
80	6.1	11.0	16.4#

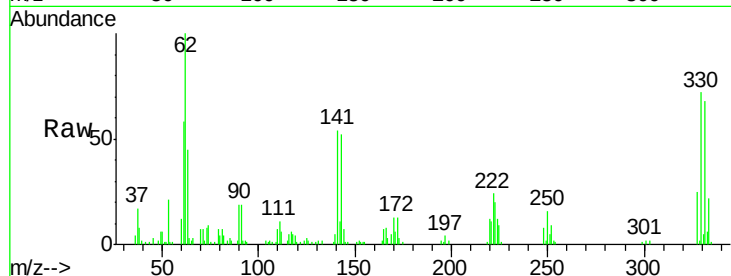




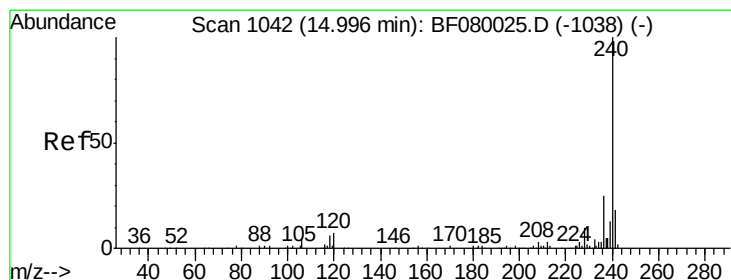
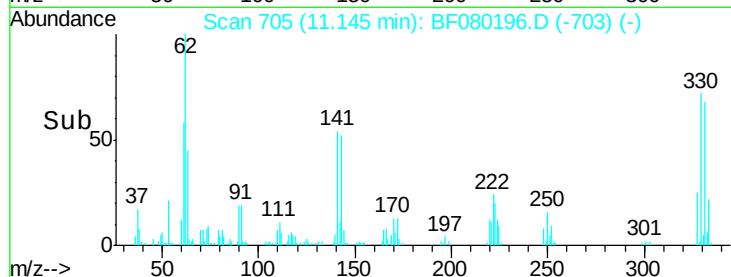
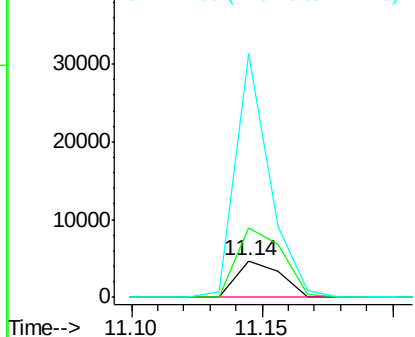
#66
4-Bromophenyl-phenylether
Concen: 4.44 ng
RT: 11.14 min Scan# 705
Delta R.T. -0.27 min
Lab File: BF080196.D
Acq: 26 Jun 2015 18:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 5528
Ion Ratio Lower Upper
248 100
250 188.7 78.5 117.7#
141 661.1 59.0 88.6#

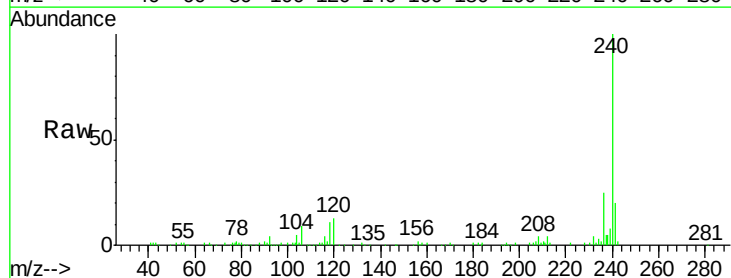


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

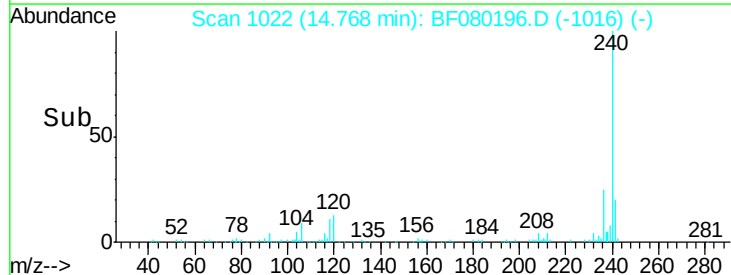
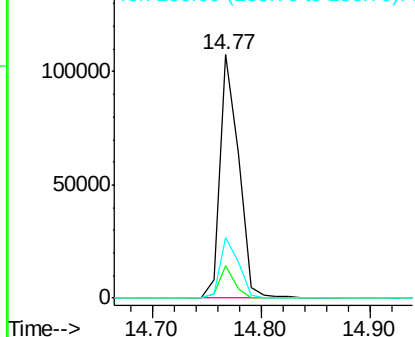


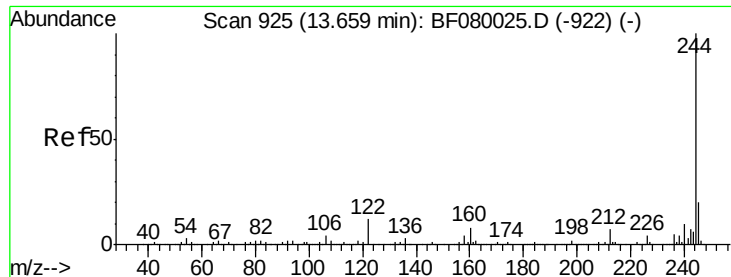
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1022
Delta R.T. -0.23 min
Lab File: BF080196.D
Acq: 26 Jun 2015 18:29

Tgt Ion:240 Resp: 128660
Ion Ratio Lower Upper
240 100
120 13.2 16.2 24.2#
236 25.1 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

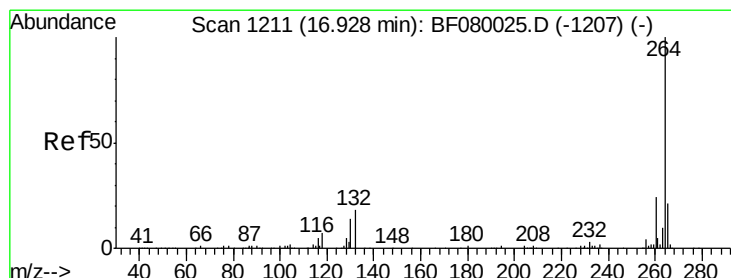
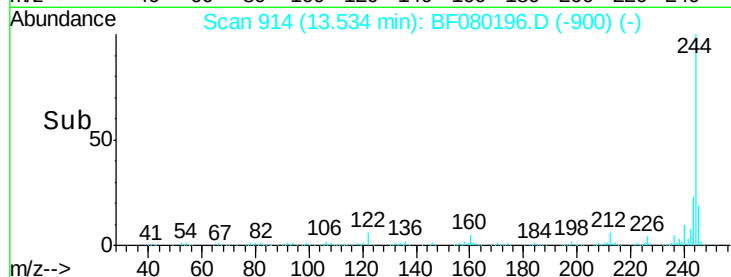
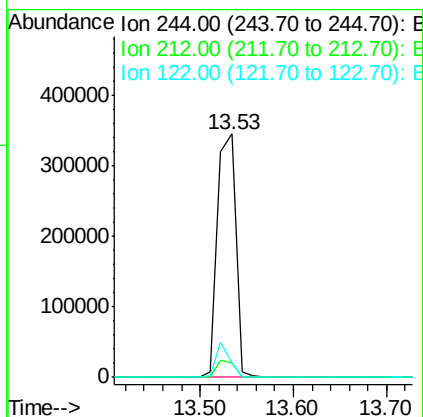
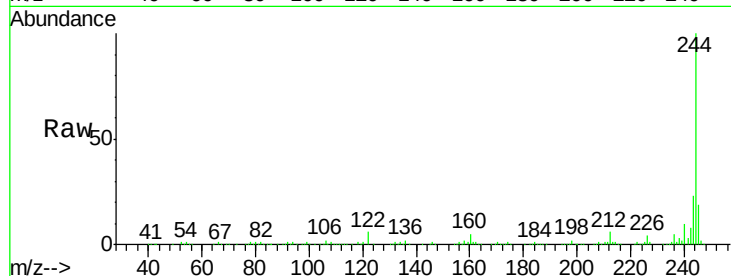




#78
 Terphenyl-d14
 Concen: 85.65 ng
 RT: 13.53 min Scan# 914
 Delta R.T. -0.14 min
 Lab File: BF080196.D
 Acq: 26 Jun 2015 18:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 471863
 Ion Ratio Lower Upper
 244 100
 212 6.1 4.3 6.5
 122 5.8 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.61 min Scan# 1183
 Delta R.T. -0.32 min
 Lab File: BF080196.D
 Acq: 26 Jun 2015 18:29

Tgt Ion:264 Resp: 128240
 Ion Ratio Lower Upper
 264 100
 260 23.4 16.7 25.1
 265 21.3 17.2 25.8

