

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
 Data File : BF080010.D
 Acq On : 17 Jun 2015 3:33
 Operator : TP/IZ
 Sample : G2474-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-5

Quant Time: Jun 17 05:30:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 15:44:31 2015
 Response via : Initial Calibration

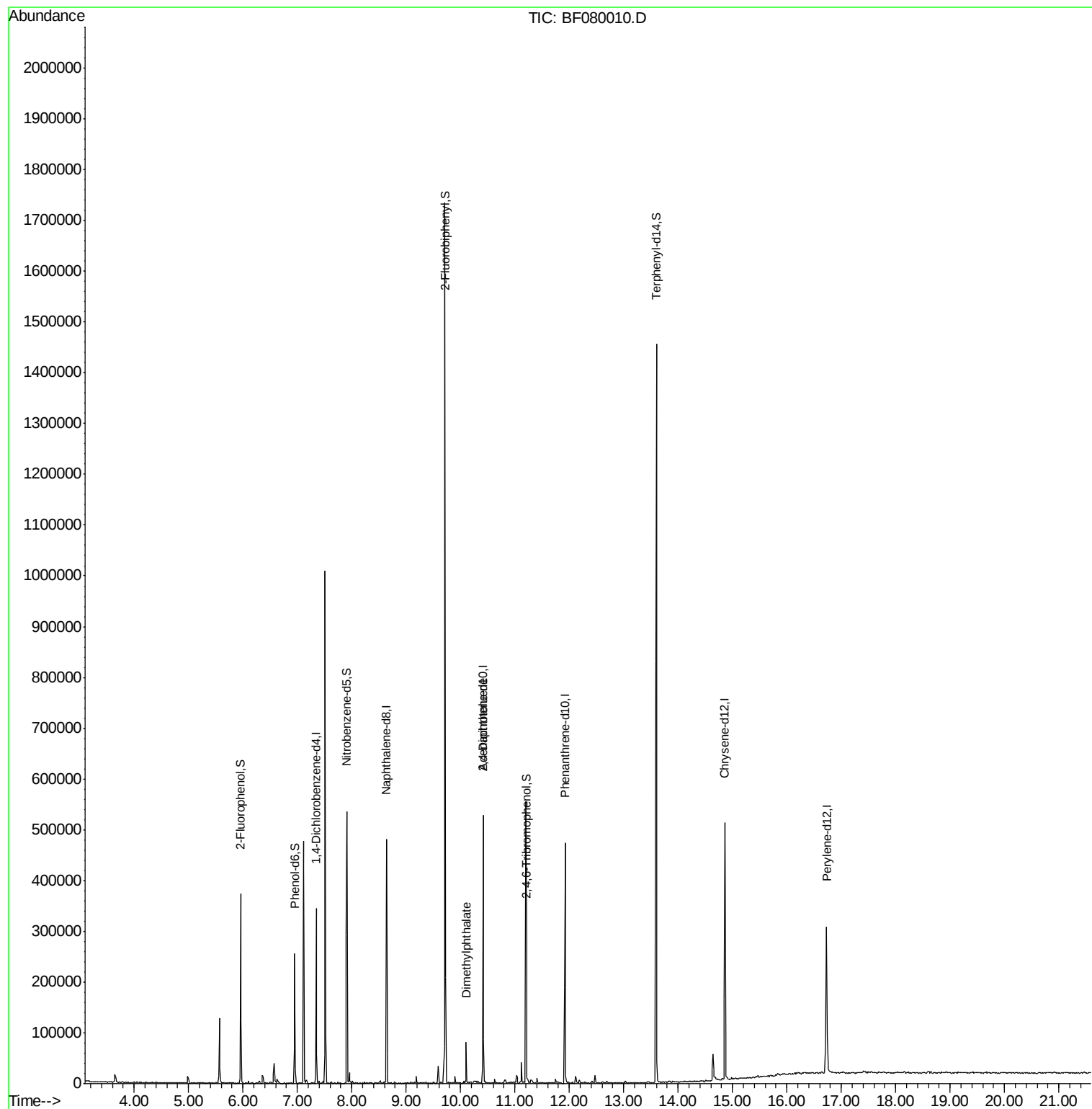
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	46295	20.00	ng	0.00
21) Naphthalene-d8	8.64	136	187939	20.00	ng	0.00
38) Acenaphthene-d10	10.41	164	95052	20.00	ng	0.00
63) Phenanthrene-d10	11.92	188	192939	20.00	ng	0.00
75) Chrysene-d12	14.86	240	206752	20.00	ng	-0.05
86) Perylene-d12	16.73	264	199303	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.96	112	98934	39.19	ng	0.00
7) Phenol-d6	6.95	99	84452	24.55	ng	0.00
23) Nitrobenzene-d5	7.91	82	196063	68.83	ng	0.00
41) 2,4,6-Tribromophenol	11.21	330	65436	69.76	ng	0.00
44) 2-Fluorobiphenyl	9.72	172	463181	68.23	ng	0.00
78) Terphenyl-d14	13.60	244	573495	63.95	ng	-0.02
Target Compounds						
49) Dimethylphthalate	10.10	163	30501	4.01	ng	99
56) 2,4-Dinitrotoluene	10.41	165	11604	10.47	ng	# 34
82) Chrysene	14.89	228	774	Below Cal		# 49

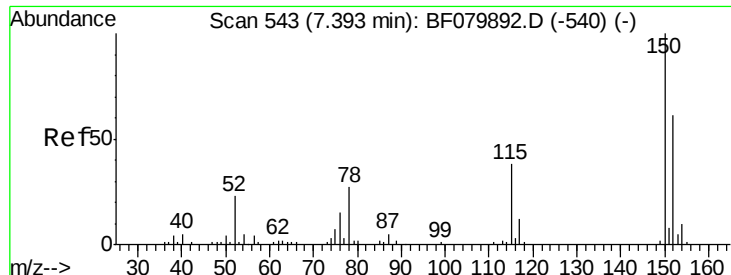
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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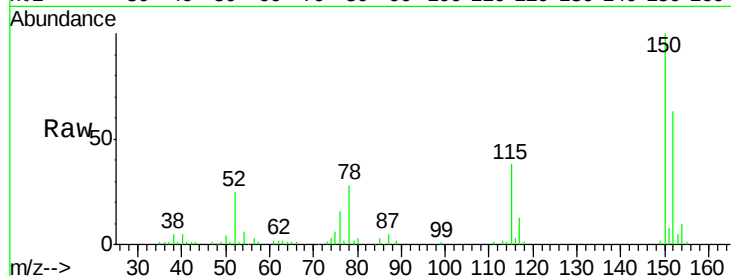


#1

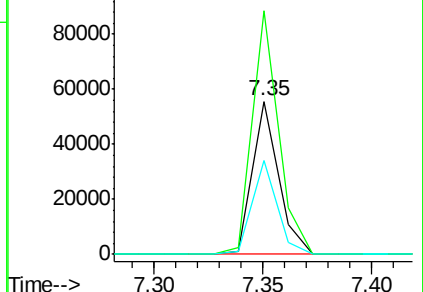
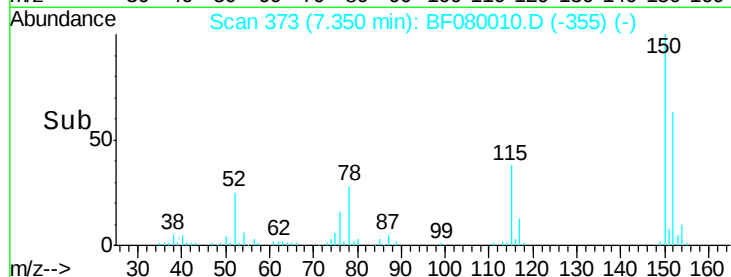
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF080010.D
Acq: 17 Jun 2015 3:33

Instrument :
BNA_F
ClientSampleId :
C-5

Tgt Ion:152 Resp: 46295
Ion Ratio Lower Upper
152 100
150 159.3 131.0 196.4
115 61.1 49.8 74.6



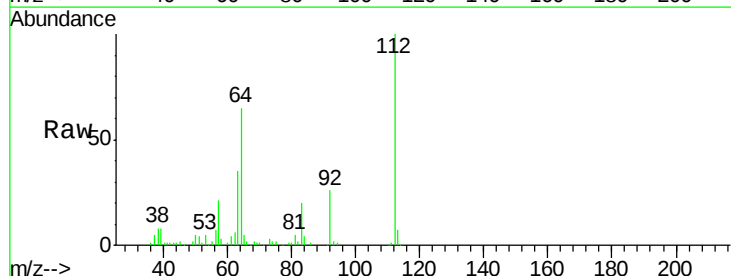
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



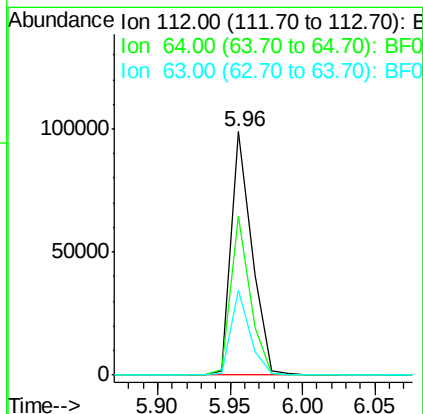
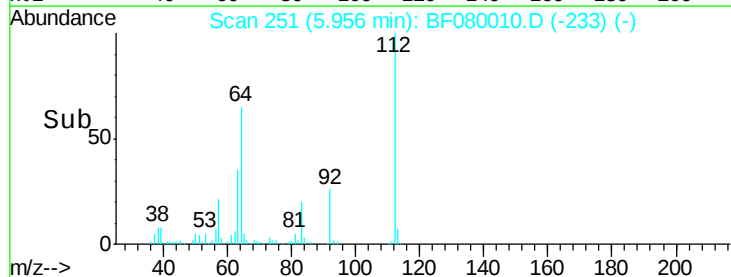
#5

2-Fluorophenol
Concen: 39.19 ng
RT: 5.96 min Scan# 251
Delta R.T. 0.00 min
Lab File: BF080010.D
Acq: 17 Jun 2015 3:33

Tgt Ion:112 Resp: 98934
Ion Ratio Lower Upper
112 100
64 65.4 54.5 81.7
63 35.0 27.9 41.9



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: 24.55 ng

RT: 6.95 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF080010.D

Acq: 17 Jun 2015 3:33

Instrument :

BNA_F

ClientSampled :

C-5

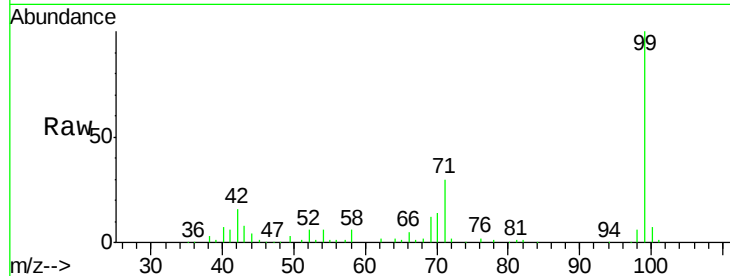
Tgt Ion: 99 Resp: 84452

Ion Ratio Lower Upper

99 100

42 15.5 12.9 19.3

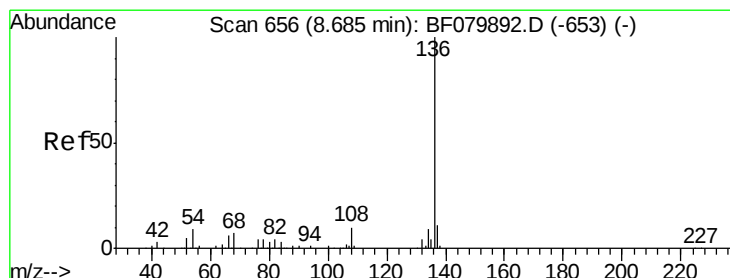
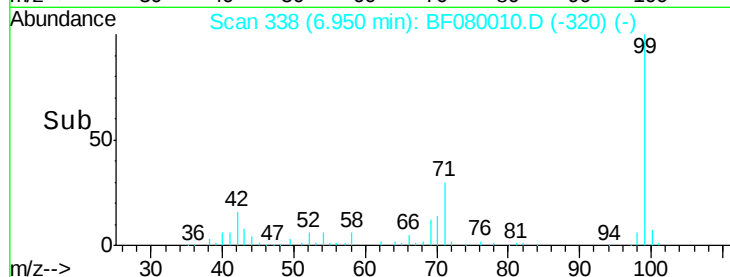
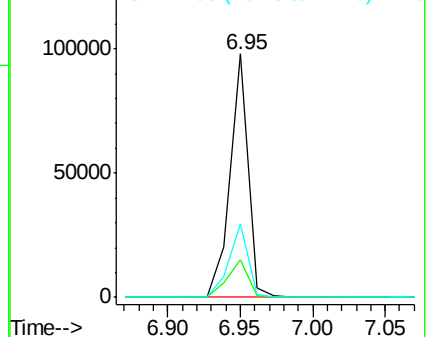
71 30.2 23.4 35.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF080010.D

Acq: 17 Jun 2015 3:33

Tgt Ion: 136 Resp: 187939

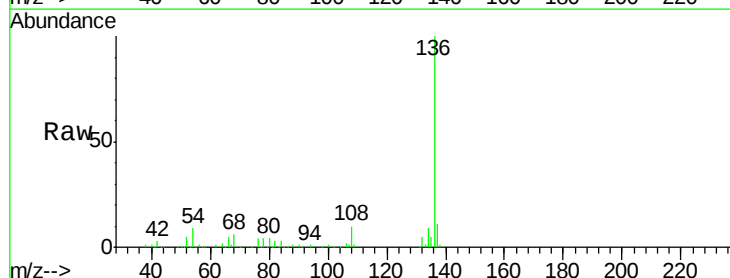
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 8.7 7.3 10.9

68 6.2 5.9 8.9

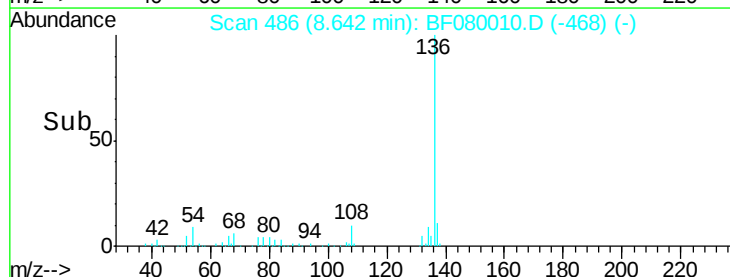
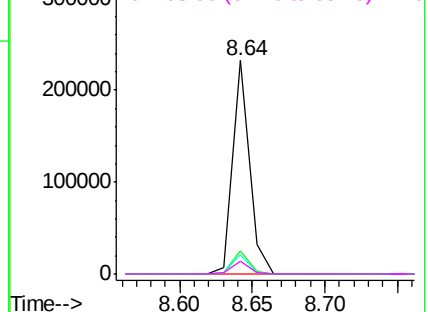


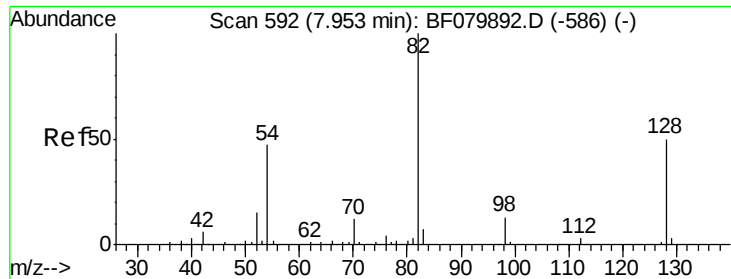
Abundance Ion 136.00 (135.70 to 136.70): E

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

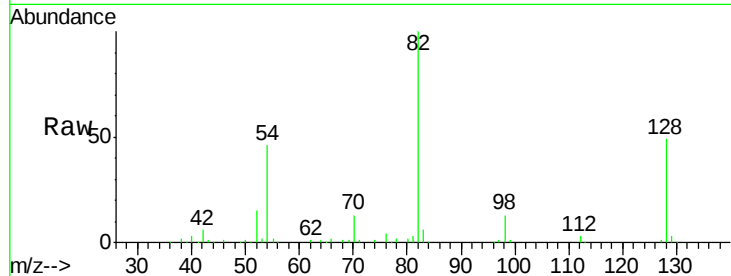




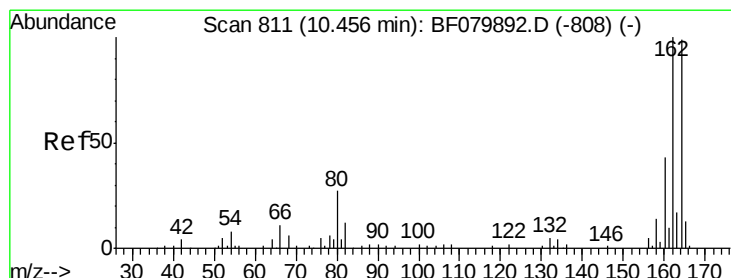
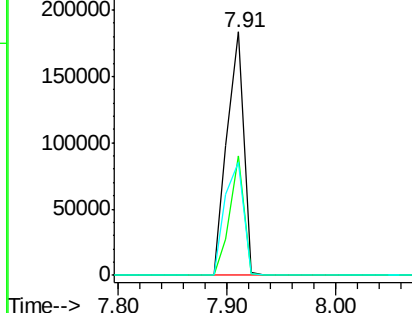
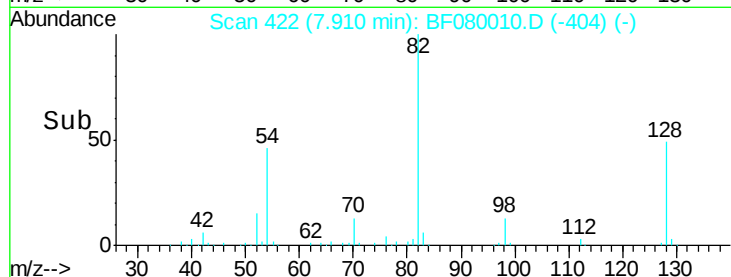
#23
 Nitrobenzene-d5
 Concen: 68.83 ng
 RT: 7.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF080010.D
 Acq: 17 Jun 2015 3:33

Instrument :
 BNA_F
 ClientSampled :
 C-5

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.2	40.3	60.5
54	46.5	38.0	57.0

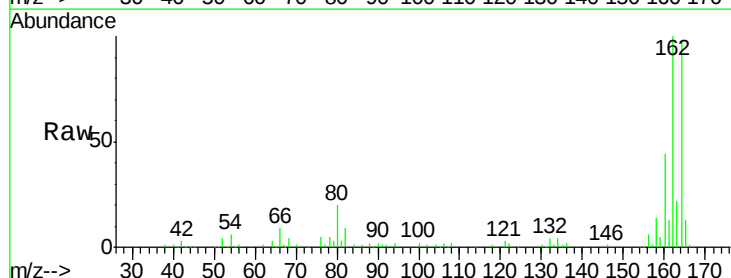


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

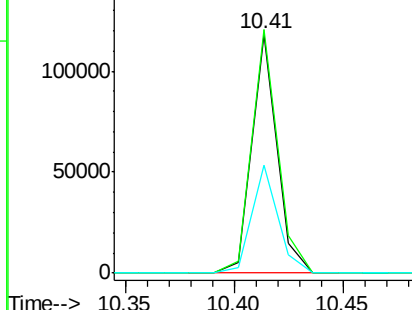
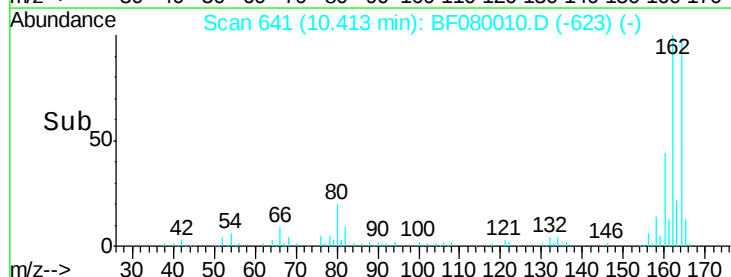


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.41 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF080010.D
 Acq: 17 Jun 2015 3:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.7	121.1
160	45.4	34.6	51.8



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

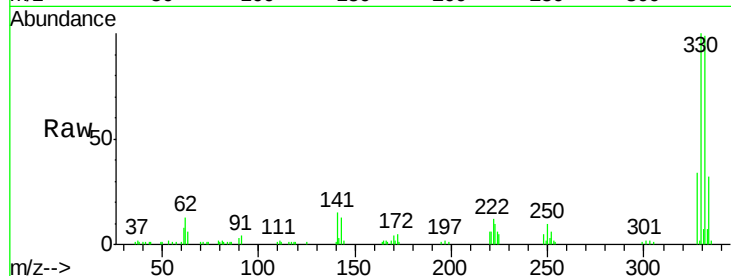




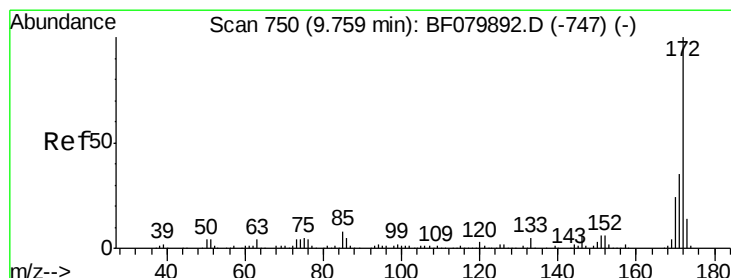
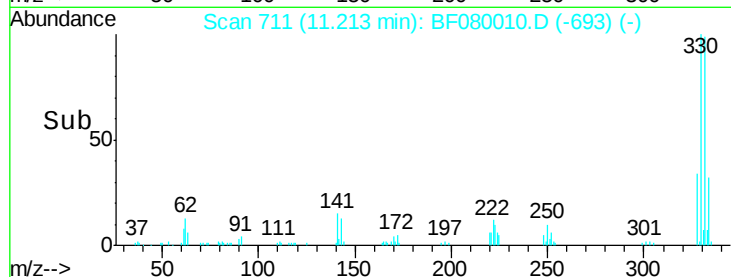
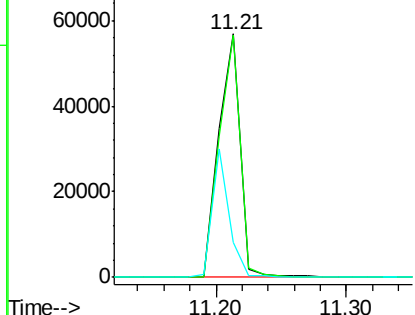
#41
 2,4,6-Tribromophenol
 Concen: 69.76 ng
 RT: 11.21 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF080010.D
 Acq: 17 Jun 2015 3:33

Instrument :
 BNA_F
 ClientSampleId :
 C-5

Tgt Ion:330 Resp: 65436
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.3 115.9
 141 41.5 26.8 40.2#

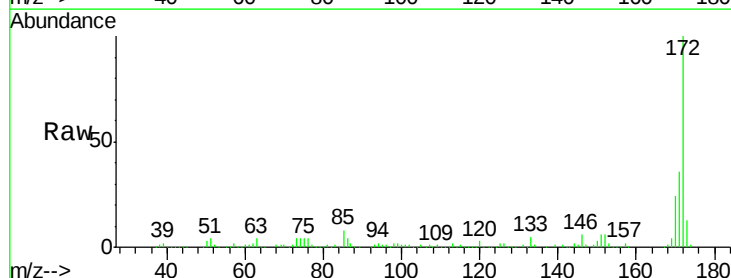


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

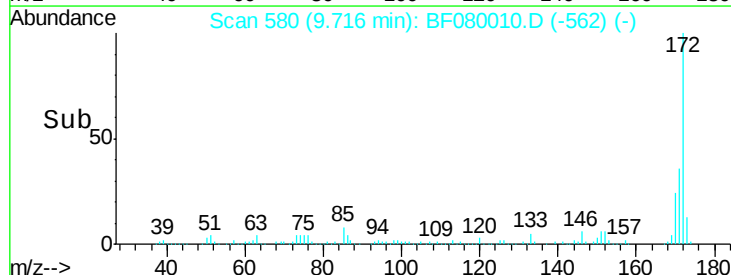
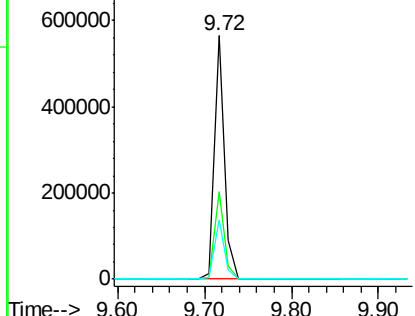


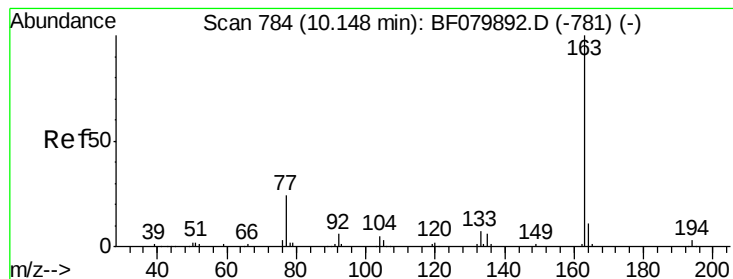
#44
 2-Fluorobiphenyl
 Concen: 68.23 ng
 RT: 9.72 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF080010.D
 Acq: 17 Jun 2015 3:33

Tgt Ion:172 Resp: 463181
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.3 42.5
 170 24.4 19.0 28.4



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: 4.01 ng

RT: 10.10 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF080010.D

Acq: 17 Jun 2015 3:33

Instrument :

BNA_F

ClientSampled :

C-5

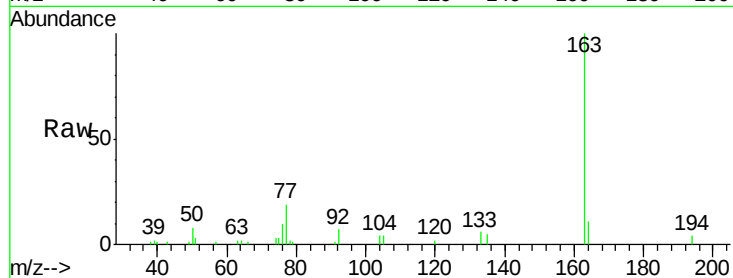
Tgt Ion:163 Resp: 30501

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

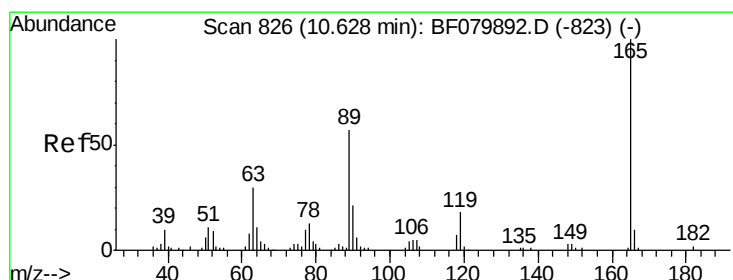
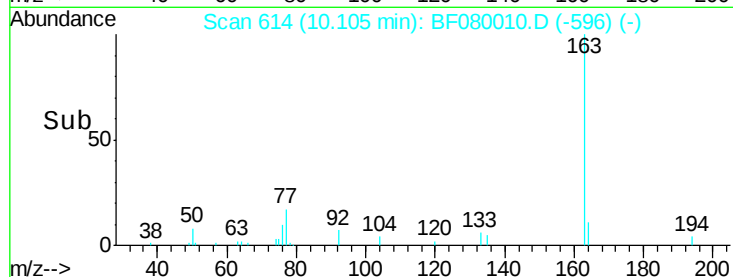
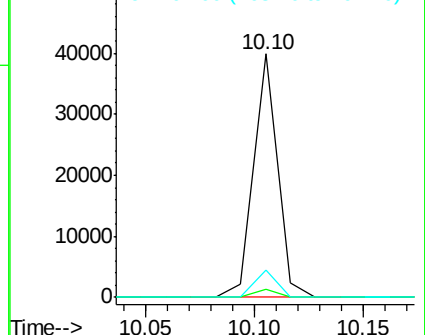
164 11.0 8.6 12.8



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: 10.47 ng

RT: 10.41 min Scan# 641

Delta R.T. -0.17 min

Lab File: BF080010.D

Acq: 17 Jun 2015 3:33

Tgt Ion:165 Resp: 11604

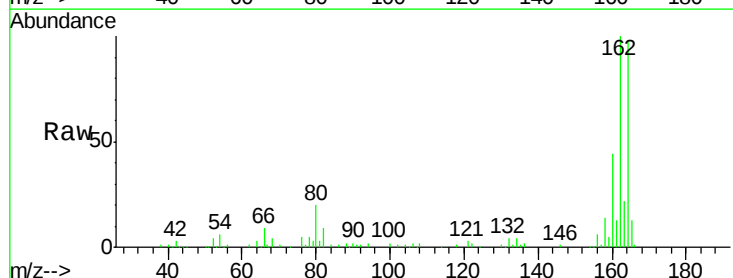
Ion Ratio Lower Upper

165 100

63 0.0 24.3 36.5#

89 2.3 45.4 68.2#

182 0.0 1.8 2.8#

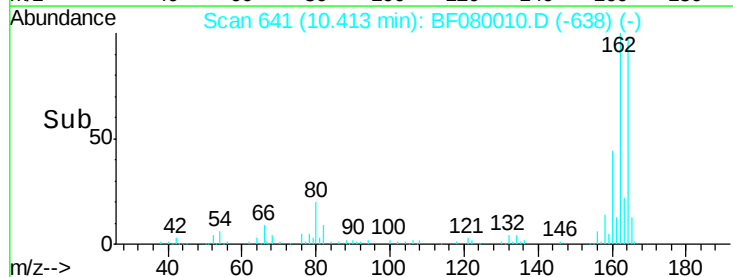
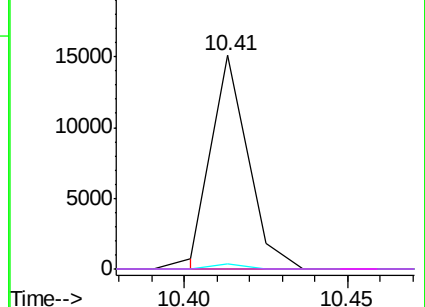


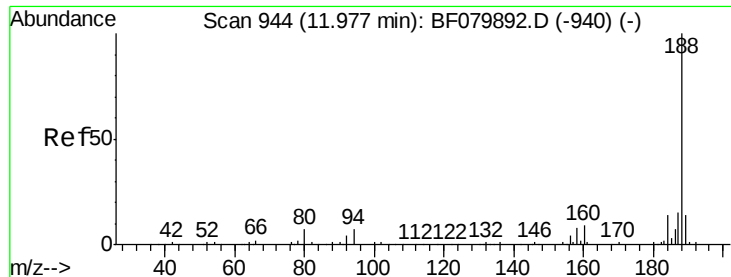
Abundance Ion 165.00 (164.70 to 165.70): E

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

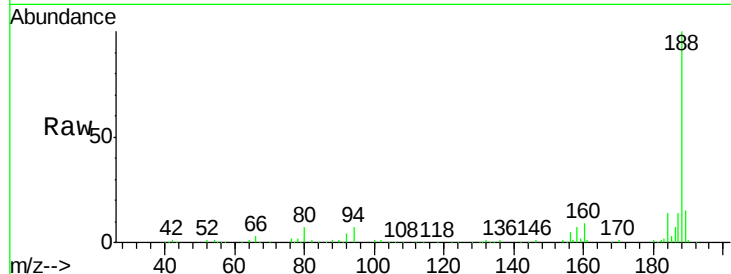




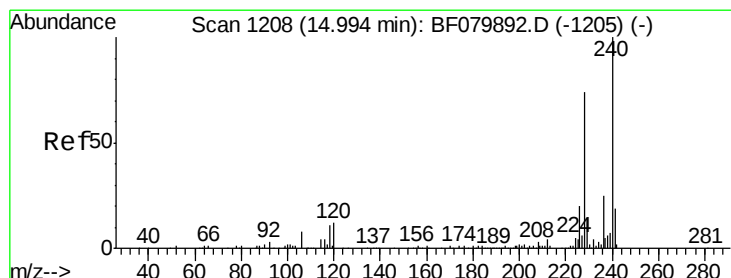
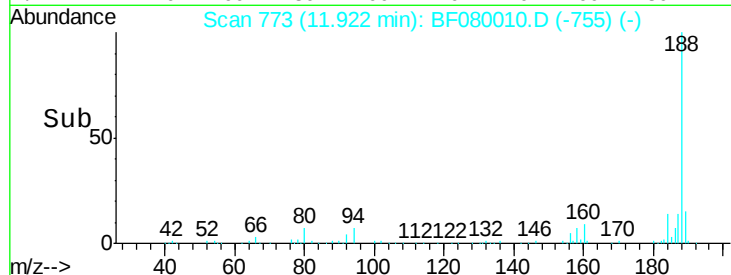
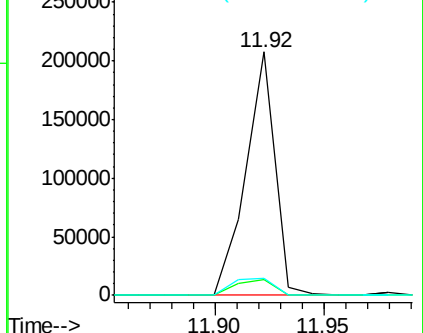
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.92 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF080010.D
Acq: 17 Jun 2015 3:33

Instrument :
BNA_F
ClientSampled :
C-5

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.8	8.8
80	6.9	5.9	8.9

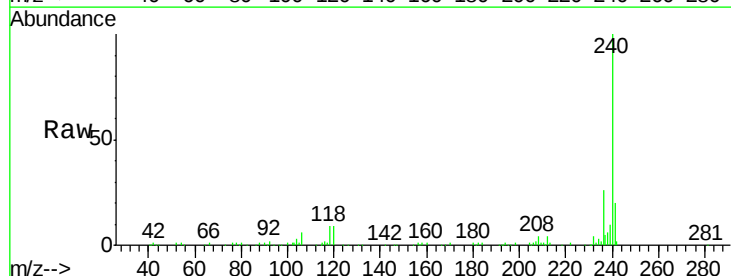


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

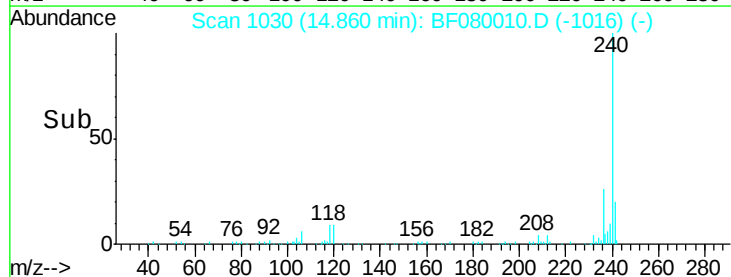
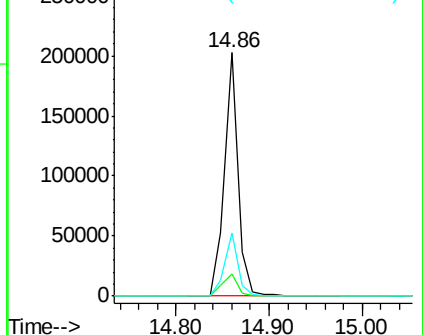


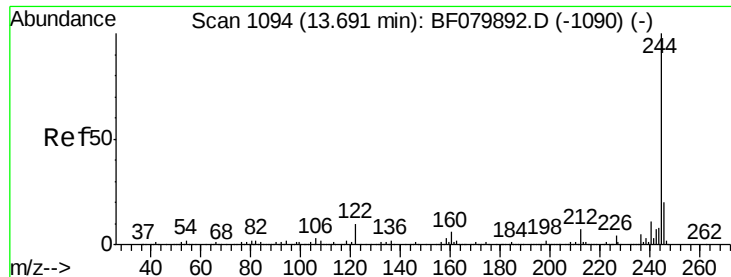
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.86 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BF080010.D
Acq: 17 Jun 2015 3:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.4	14.2#
236	26.2	19.6	29.4



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

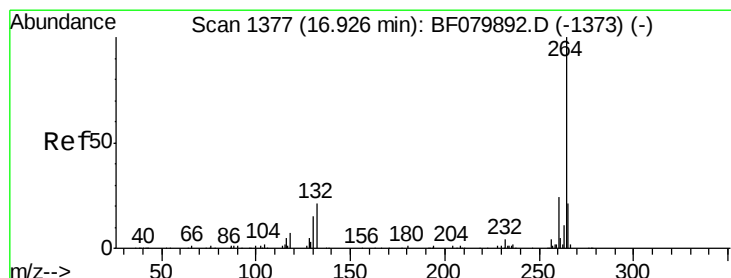
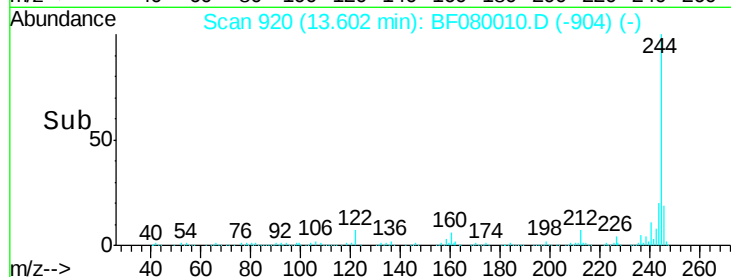
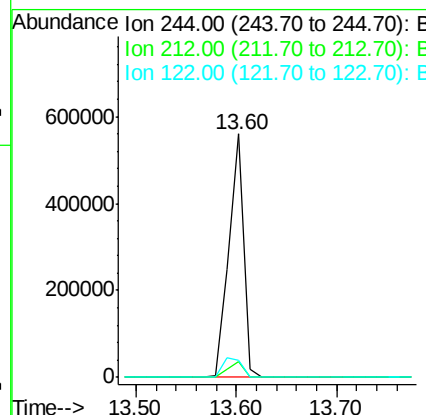
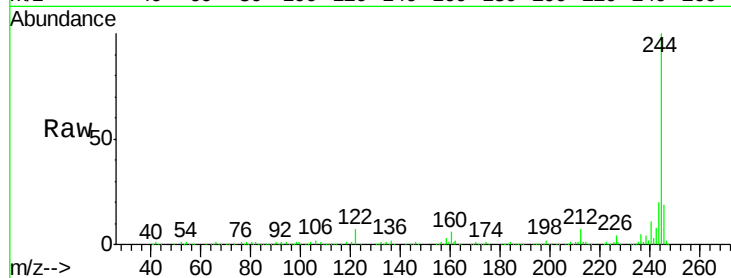




#78
 Terphenyl-d14
 Concen: 63.95 ng
 RT: 13.60 min Scan# 920
 Delta R.T. -0.02 min
 Lab File: BF080010.D
 Acq: 17 Jun 2015 3:33

Instrument :
 BNA_F
 ClientSampleId :
 C-5

Tgt Ion:244 Resp: 573495
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 7.1 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.73 min Scan# 1194
 Delta R.T. -0.07 min
 Lab File: BF080010.D
 Acq: 17 Jun 2015 3:33

Tgt Ion:264 Resp: 199303
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.3 28.9
 265 20.5 17.0 25.6

