

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060615\
 Data File : BF079772.D
 Acq On : 6 Jun 2015 16:46
 Operator : TP/IZ
 Sample : PB83864BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83864BL

Quant Time: Jun 08 18:32:55 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 15:29:07 2015
 Response via : Initial Calibration

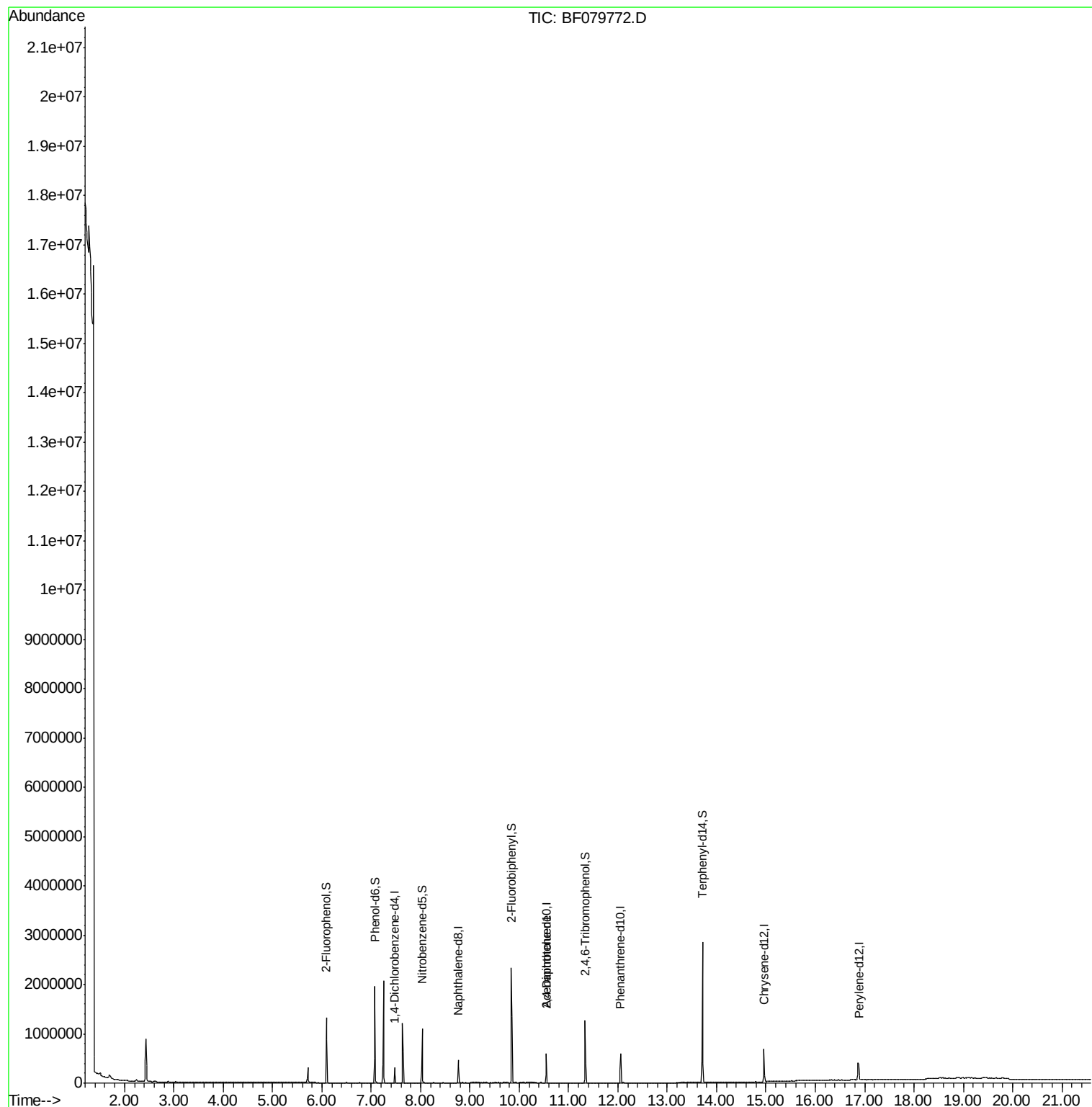
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	58271	20.00	ng	-0.02
21) Naphthalene-d8	8.76	136	264446	20.00	ng	-0.02
38) Acenaphthene-d10	10.55	164	120923	20.00	ng	-0.01
63) Phenanthrene-d10	12.06	188	241821	20.00	ng	-0.01
75) Chrysene-d12	14.96	240	255749	20.00	ng	0.02
86) Perylene-d12	16.88	264	233854	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	441850	127.09	ng	-0.01
7) Phenol-d6	7.07	99	623677	138.89	ng	-0.01
23) Nitrobenzene-d5	8.03	82	319811	74.25	ng	-0.01
41) 2,4,6-Tribromophenol	11.34	330	142219	122.97	ng	-0.02
44) 2-Fluorobiphenyl	9.84	172	882958	98.92	ng	-0.02
78) Terphenyl-d14	13.71	244	877216	78.56	ng	0.00
Target Compounds						
56) 2,4-Dinitrotoluene	10.55	165	11626	9.13	ng	Qvalue # 32

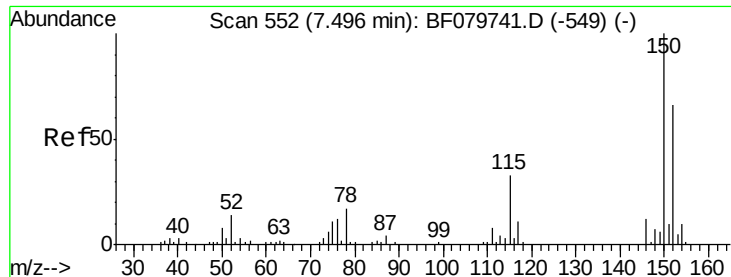
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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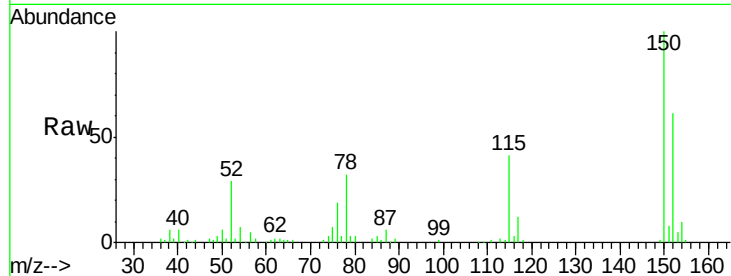


#1

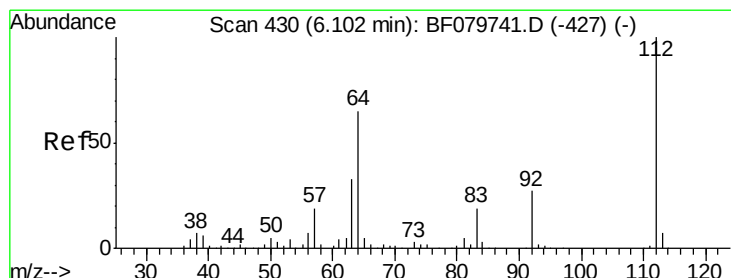
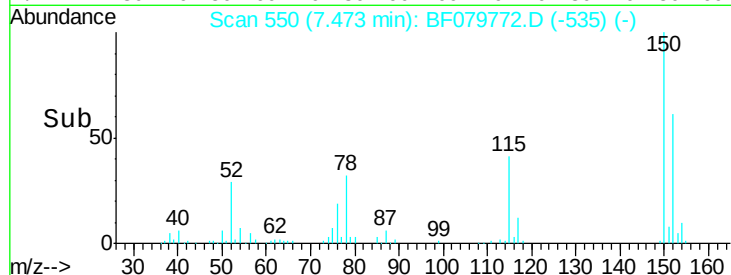
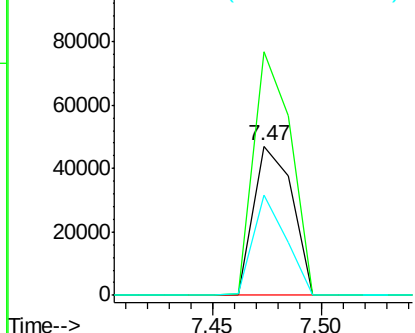
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF079772.D
Acq: 6 Jun 2015 16:46

Instrument :
BNA_F
ClientSampleId :
PB83864BL

Tgt Ion:152 Resp: 58271
Ion Ratio Lower Upper
152 100
150 163.2 128.1 192.1
115 67.6 49.7 74.5



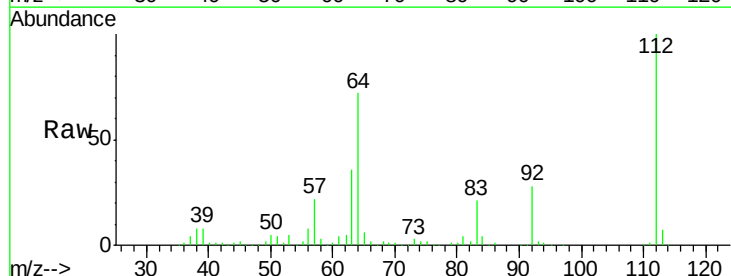
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



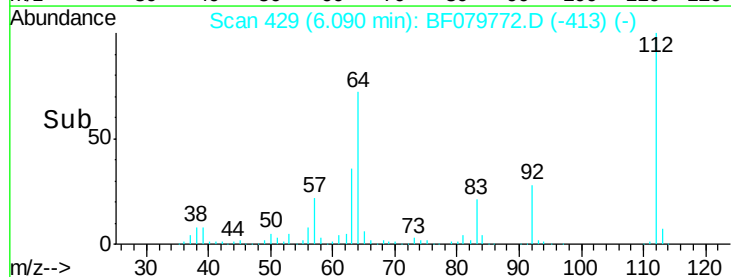
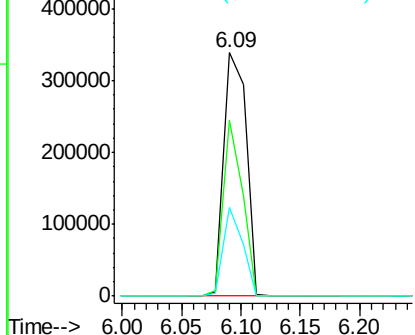
#5

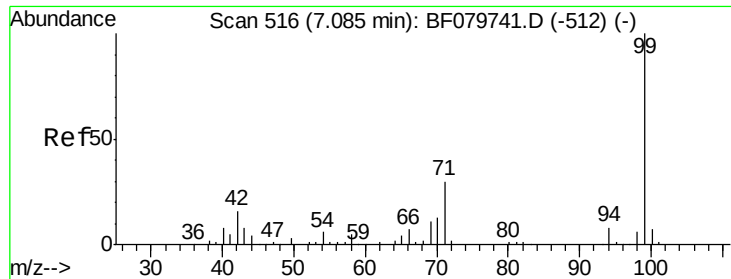
2-Fluorophenol
Concen: 127.09 ng
RT: 6.09 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF079772.D
Acq: 6 Jun 2015 16:46

Tgt Ion:112 Resp: 441850
Ion Ratio Lower Upper
112 100
64 72.4 49.6 74.4
63 36.4 24.9 37.3



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: 138.89 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF079772.D

Acq: 6 Jun 2015 16:46

Instrument :

BNA_F

ClientSampleId :

PB83864BL

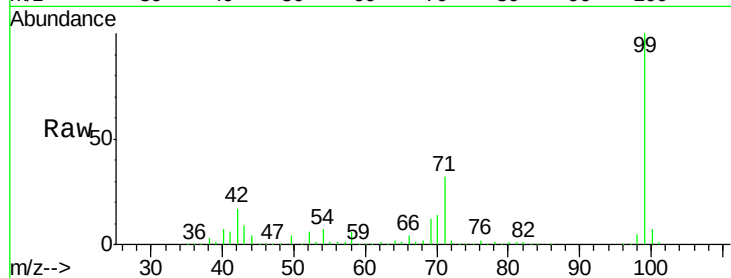
Tgt Ion: 99 Resp: 623677

Ion Ratio Lower Upper

99 100

42 16.9 18.0 27.0#

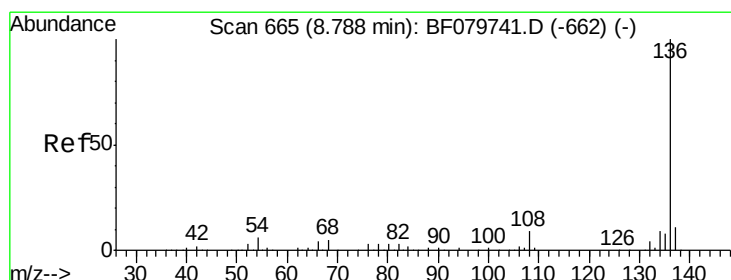
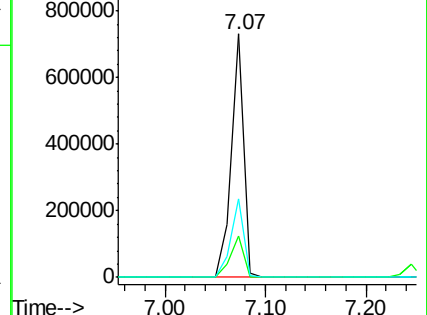
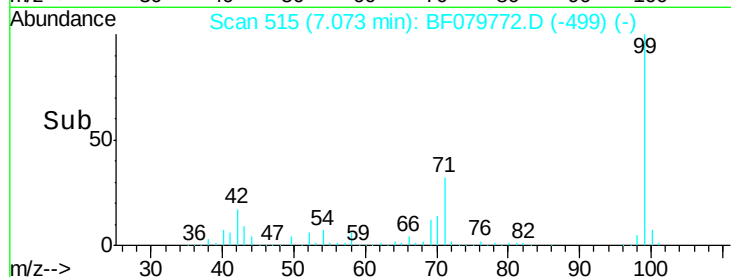
71 32.2 28.4 42.6



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: 8.76 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF079772.D

Acq: 6 Jun 2015 16:46

Tgt Ion: 136 Resp: 264446

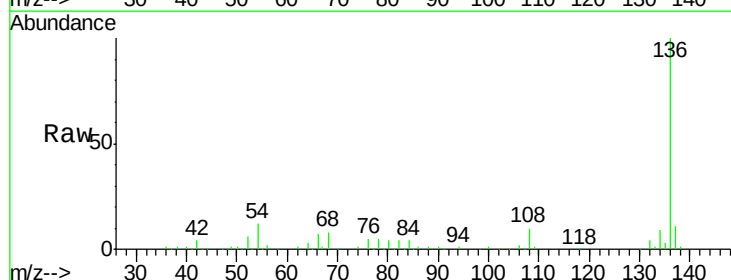
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 12.5 8.7 13.1

68 8.0 5.8 8.8

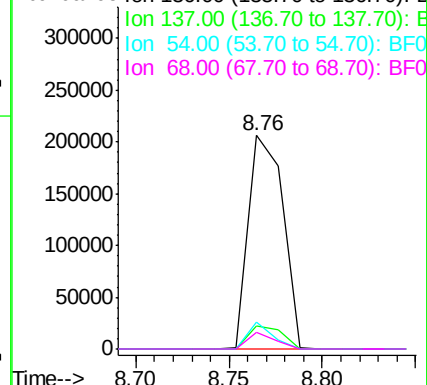
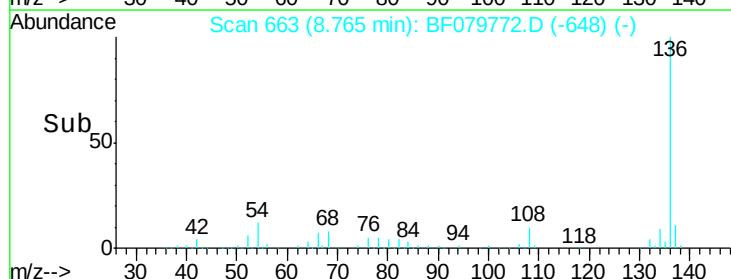


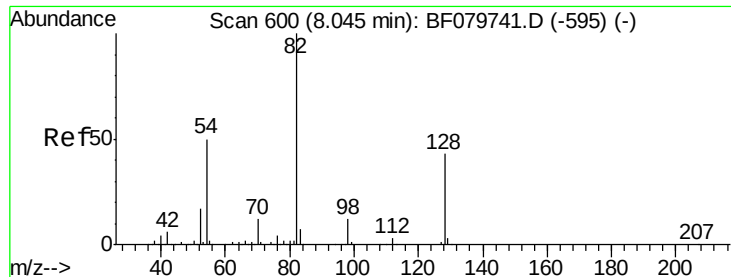
Abundance Ion 136.00 (135.70 to 136.70): E

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

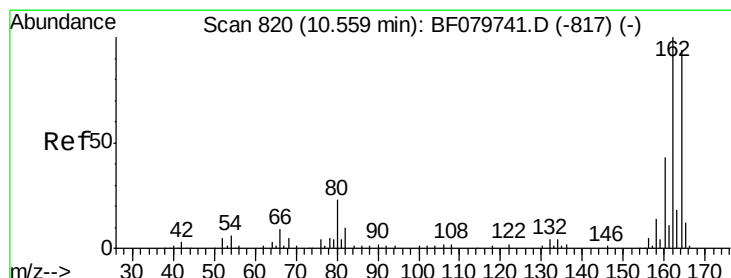
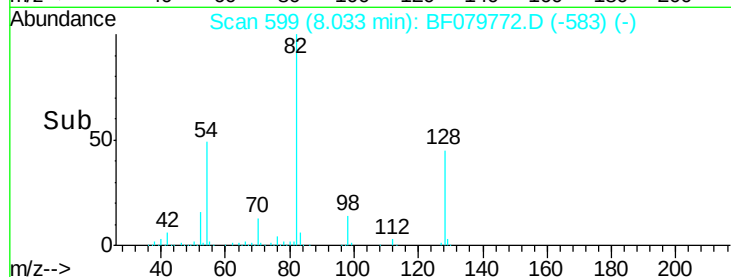
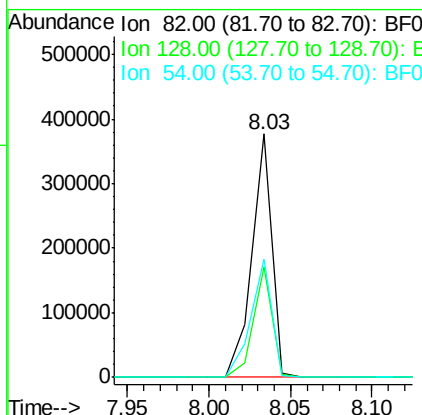
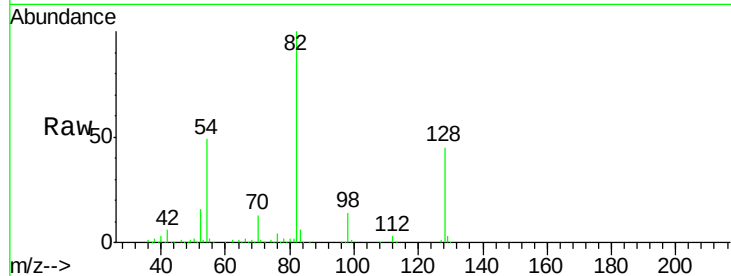




#23
 Nitrobenzene-d5
 Concen: 74.25 ng
 RT: 8.03 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF079772.D
 Acq: 6 Jun 2015 16:46

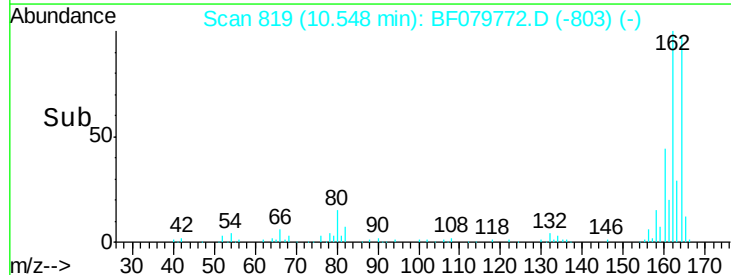
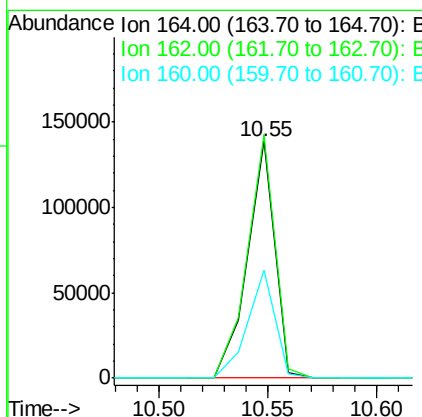
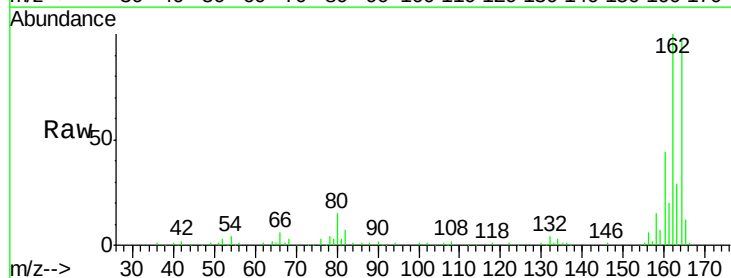
Instrument :
 BNA_F
 ClientSampleId :
 PB83864BL

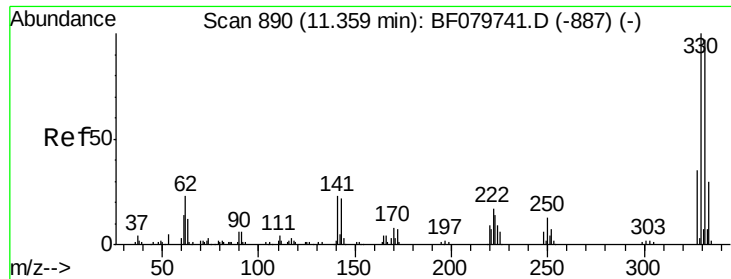
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.6	56.4
54	48.8	39.4	59.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.55 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF079772.D
 Acq: 6 Jun 2015 16:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	45.5	36.8	55.2

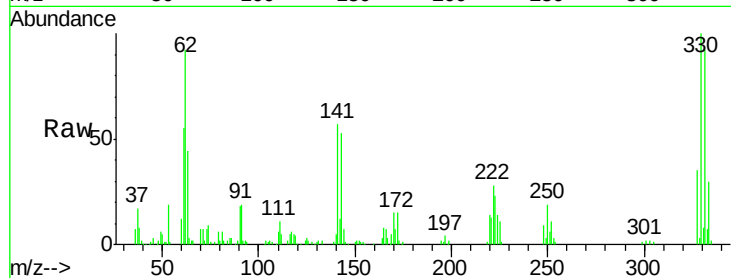




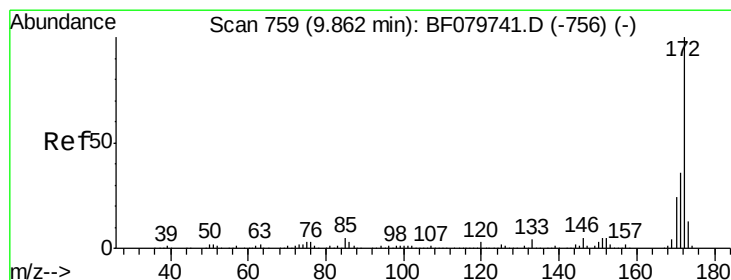
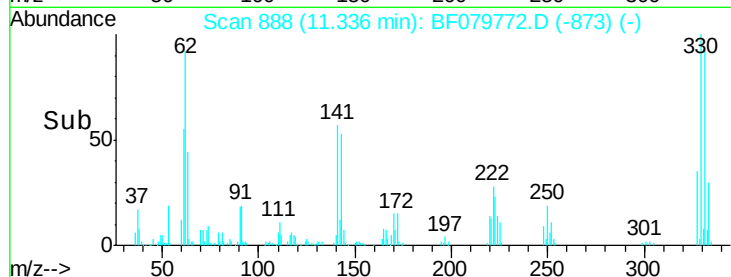
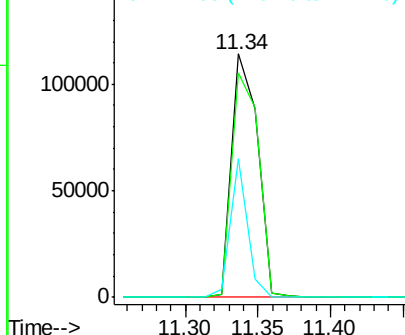
#41
 2,4,6-Tribromophenol
 Concen: 122.97 ng
 RT: 11.34 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BF079772.D
 Acq: 6 Jun 2015 16:46

Instrument :
 BNA_F
 ClientSampleId :
 PB83864BL

Tgt Ion:330 Resp: 142219
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.0
 141 37.4 30.2 45.2

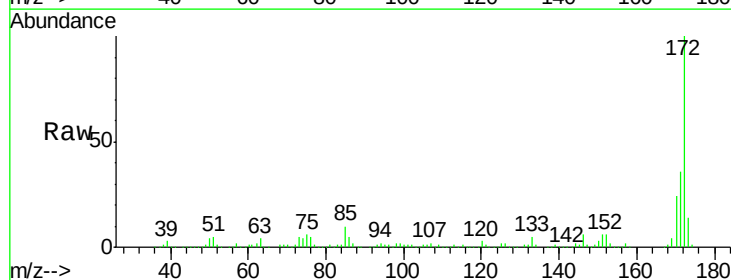


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

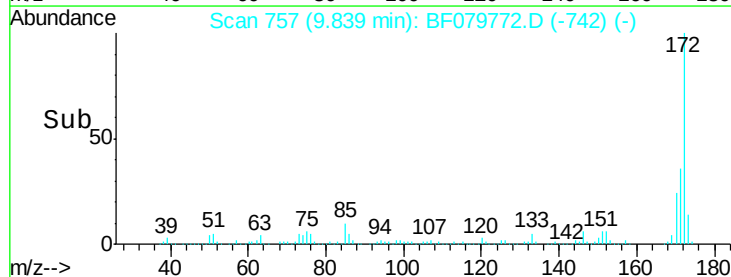
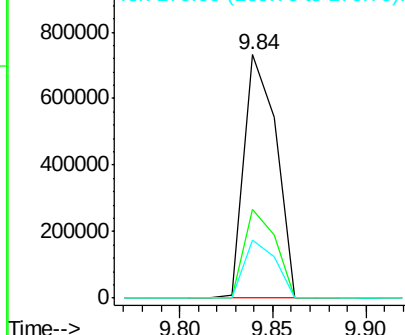


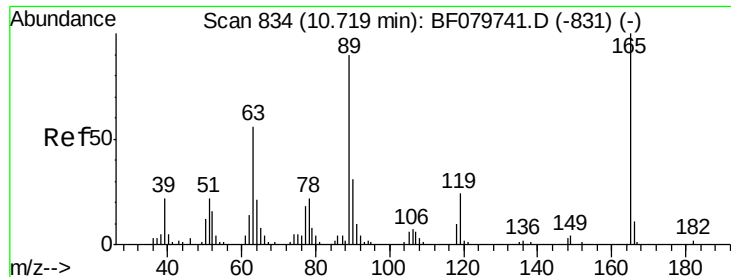
#44
 2-Fluorobiphenyl
 Concen: 98.92 ng
 RT: 9.84 min Scan# 757
 Delta R.T. -0.02 min
 Lab File: BF079772.D
 Acq: 6 Jun 2015 16:46

Tgt Ion:172 Resp: 882958
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 23.9 19.7 29.5



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

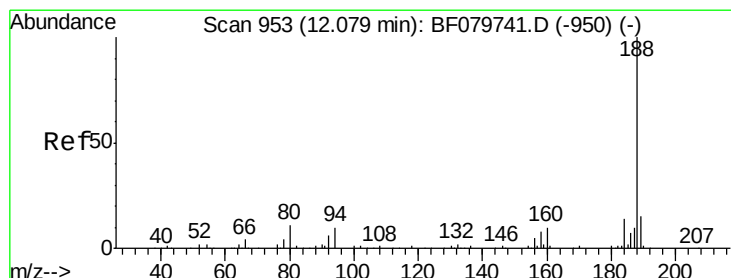
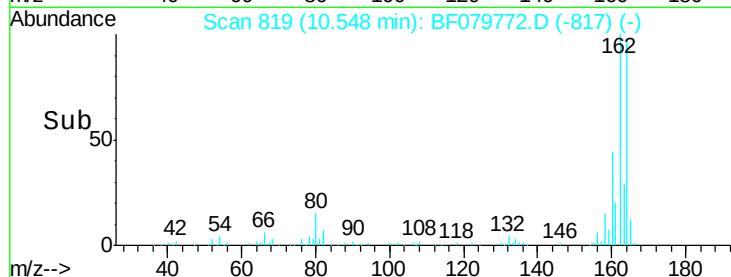
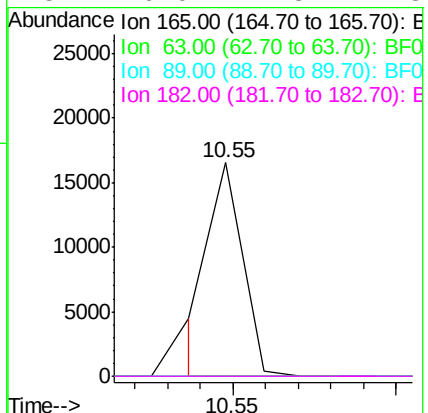
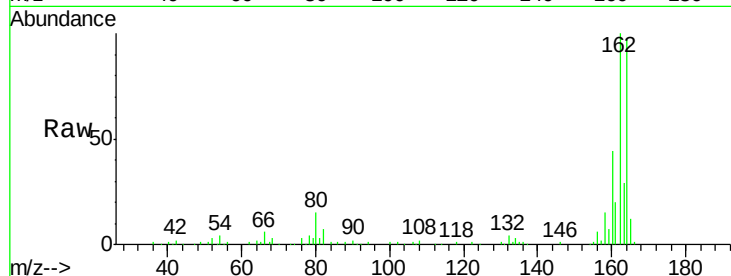




#56
 2,4-Dinitrotoluene
 Concen: 9.13 ng
 RT: 10.55 min Scan# 819
 Delta R.T. -0.17 min
 Lab File: BF079772.D
 Acq: 6 Jun 2015 16:46

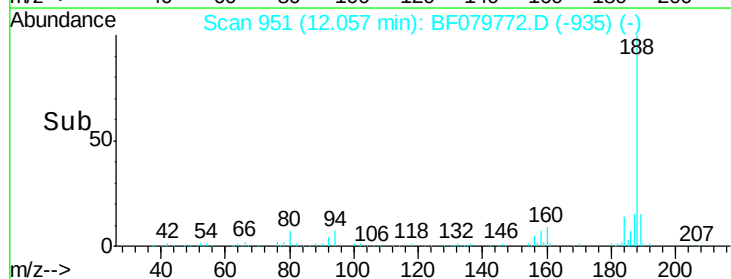
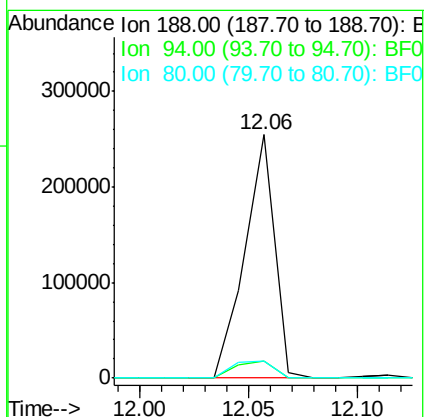
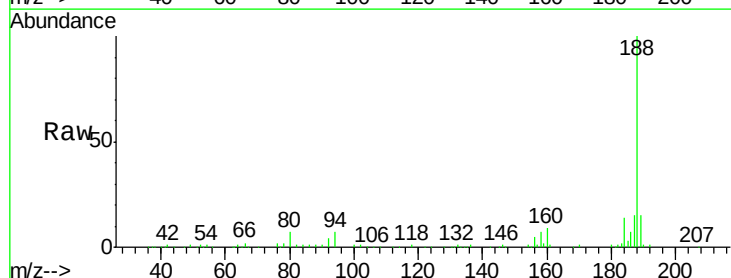
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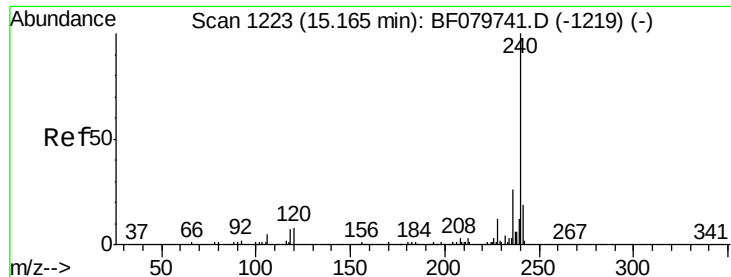
Tgt Ion:	165	Resp:	11626
Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.7	37.1#
89	0.0	45.7	68.5#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF079772.D
 Acq: 6 Jun 2015 16:46

Tgt Ion:	188	Resp:	241821
Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.0	7.4
80	7.0	5.3	7.9

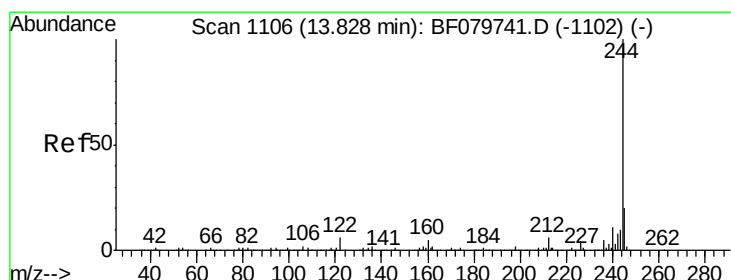
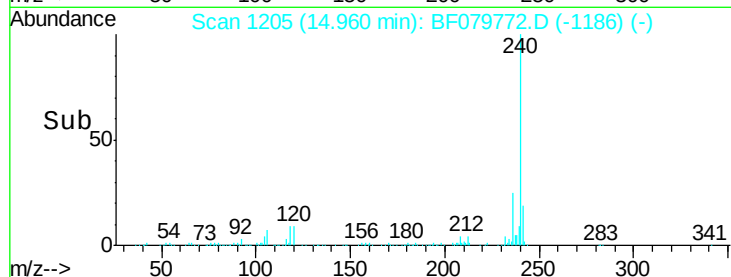
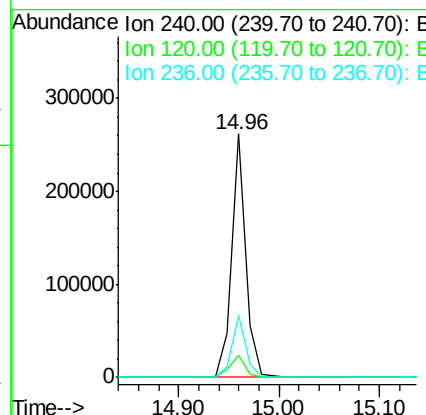
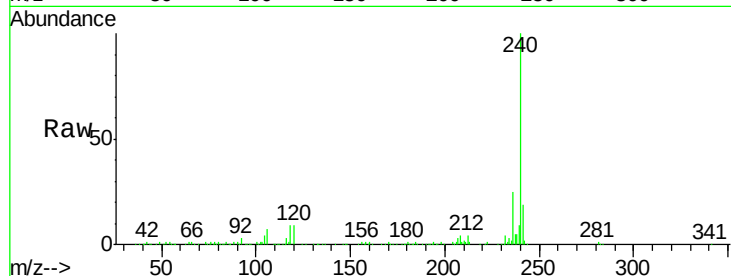




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 1205
Delta R.T. 0.02 min
Lab File: BF079772.D
Acq: 6 Jun 2015 16:46

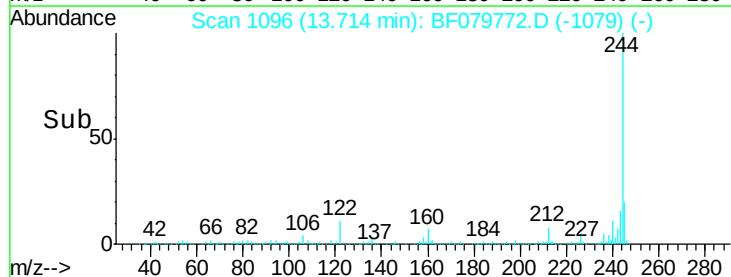
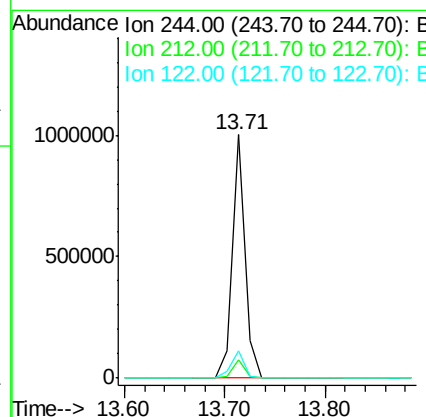
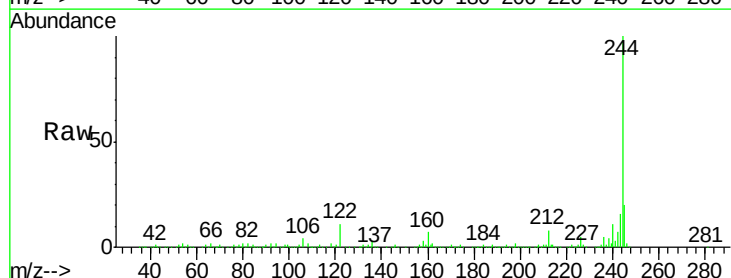
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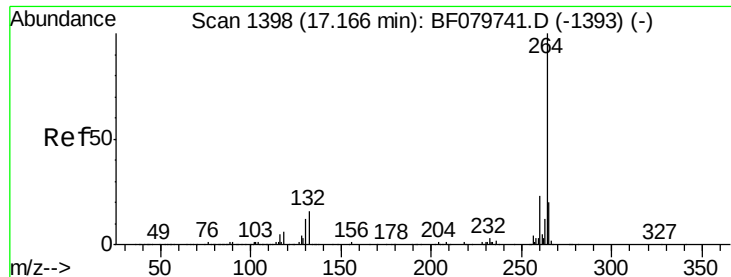
Tgt Ion:240 Resp: 255749
Ion Ratio Lower Upper
240 100
120 9.1 6.2 9.2
236 25.4 21.0 31.4



#78
Terphenyl-d14
Concen: 78.56 ng
RT: 13.71 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BF079772.D
Acq: 6 Jun 2015 16:46

Tgt Ion:244 Resp: 877216
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 11.2 9.3 13.9

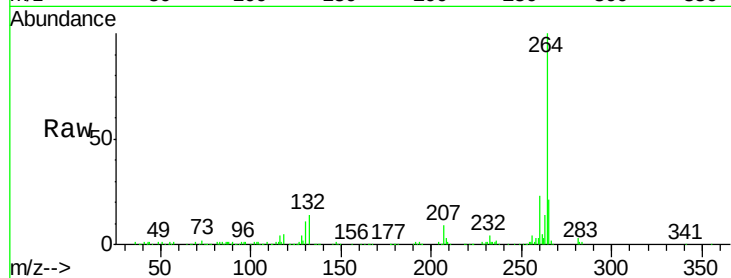




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.88 min Scan# 1373
Delta R.T. 0.06 min
Lab File: BF079772.D
Acq: 6 Jun 2015 16:46

Instrument :
BNA_F
ClientSampleId :
PB83864BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	27.8
265	20.8	18.2	27.4



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

