

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060615\
 Data File : BF079785.D
 Acq On : 6 Jun 2015 23:00
 Operator : TP/IZ
 Sample : G2501-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12-6-2-15

Quant Time: Jun 08 19:31:58 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 18:33:51 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	57420	20.00	ng	-0.01
21) Naphthalene-d8	8.76	136	222945	20.00	ng	-0.01
38) Acenaphthene-d10	10.55	164	139302	20.00	ng	0.00
63) Phenanthrene-d10	12.06	188	227119	20.00	ng	0.00
75) Chrysene-d12	14.95	240	238832	20.00	ng	0.05
86) Perylene-d12	16.86	264	281920	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	253510	74.00	ng	0.00
7) Phenol-d6	7.06	99	150390	33.99	ng	-0.01
23) Nitrobenzene-d5	8.03	82	347793	95.77	ng	0.00
41) 2,4,6-Tribromophenol	11.34	330	143474	107.69	ng	-0.01
44) 2-Fluorobiphenyl	9.84	172	881691	85.75	ng	-0.01
78) Terphenyl-d14	13.71	244	908730	87.14	ng	0.02

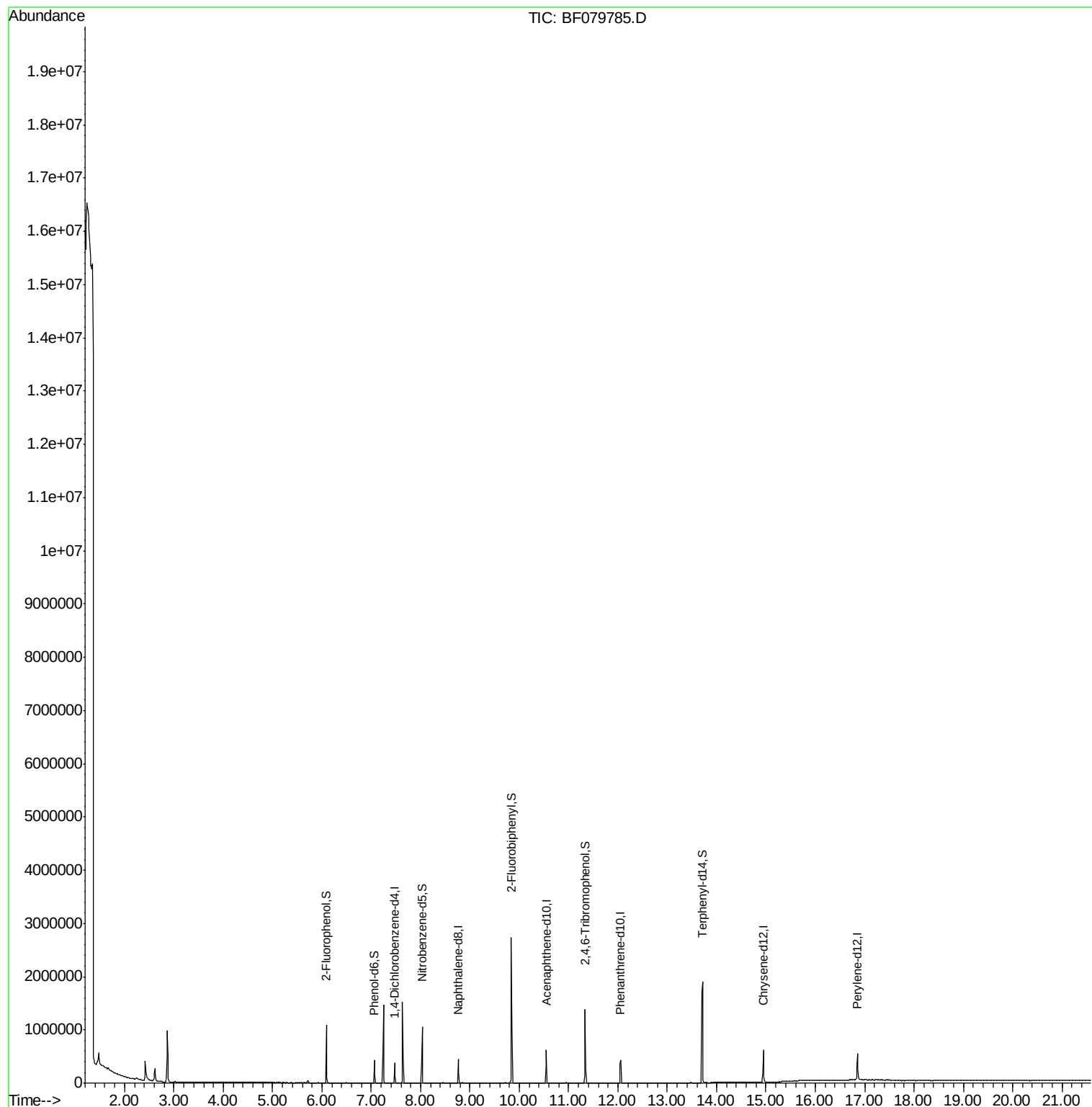
Target Compounds	Qvalue
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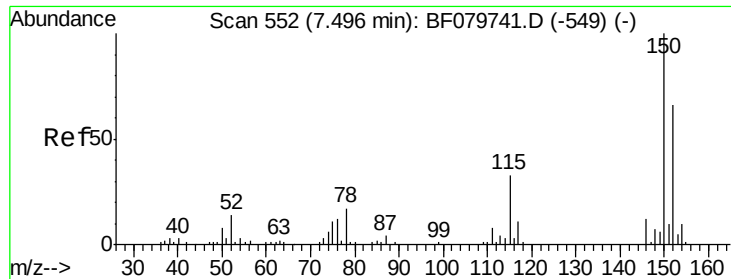
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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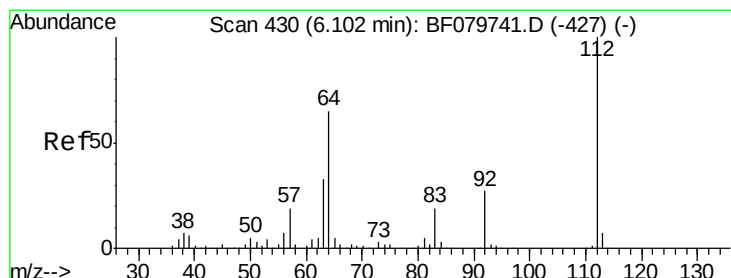
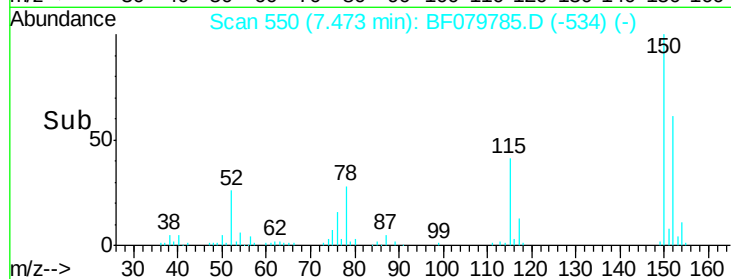
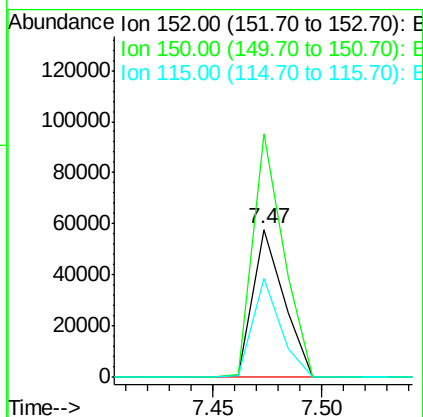
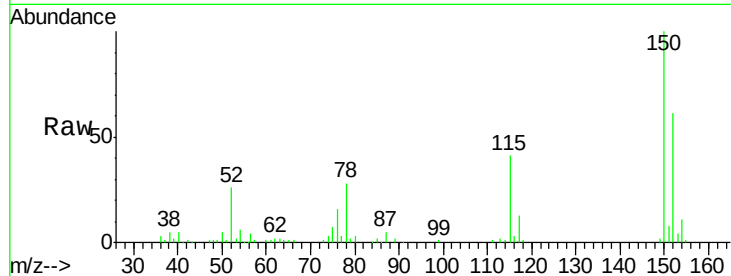




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.47 min Scan# 550
 Delta R.T. -0.01 min
 Lab File: BF079785.D
 Acq: 6 Jun 2015 23:00

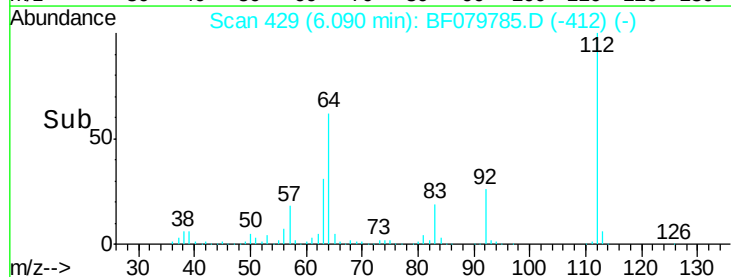
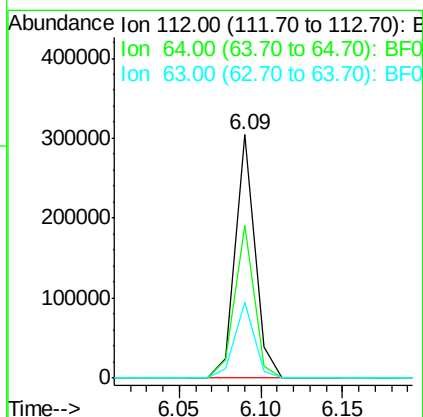
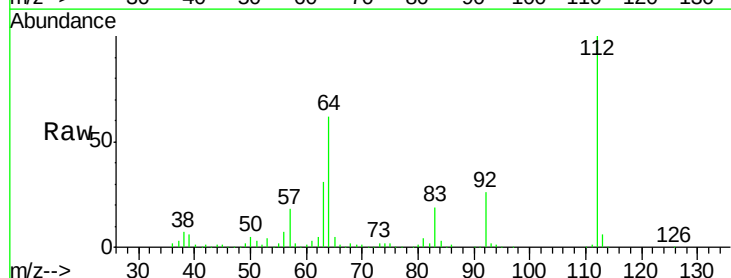
Instrument :
 BNA_F
 ClientSampleId :
 MW-12-6-2-15

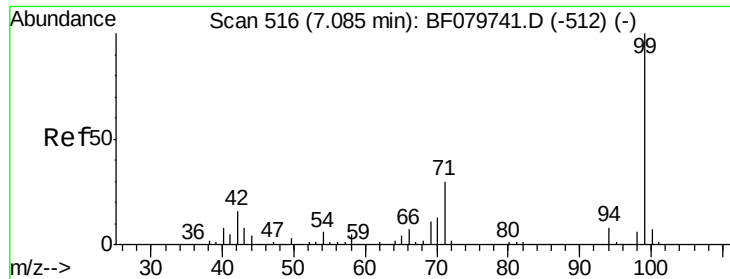
Tgt Ion:152 Resp: 57420
 Ion Ratio Lower Upper
 152 100
 150 164.3 128.1 192.1
 115 67.0 49.7 74.5



#5
 2-Fluorophenol
 Concen: 74.00 ng
 RT: 6.09 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BF079785.D
 Acq: 6 Jun 2015 23:00

Tgt Ion:112 Resp: 253510
 Ion Ratio Lower Upper
 112 100
 64 62.5 49.6 74.4
 63 31.2 24.9 37.3





#7

Phenol-d6

Concen: 33.99 ng

RT: 7.06 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF079785.D

Acq: 6 Jun 2015 23:00

Instrument :

BNA_F

ClientSampleId :

MW-12-6-2-15

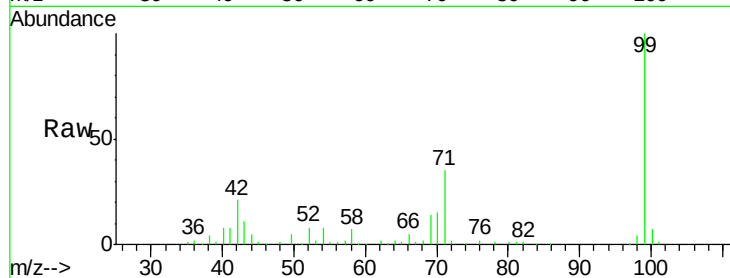
Tgt Ion: 99 Resp: 150390

Ion Ratio Lower Upper

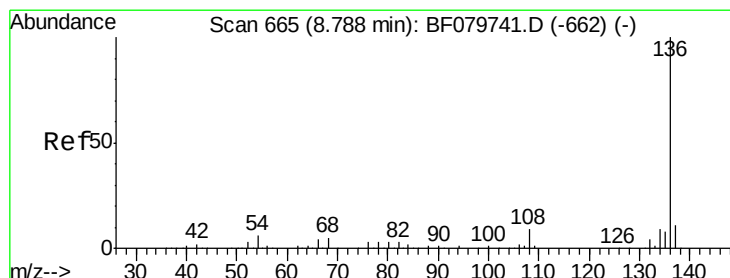
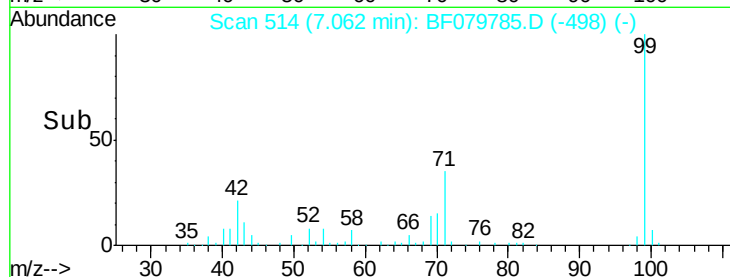
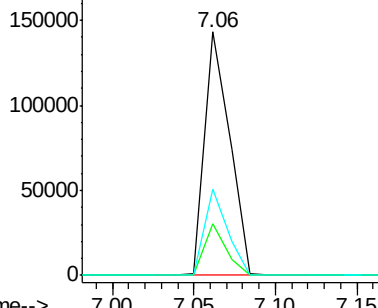
99 100

42 21.1 18.0 27.0

71 35.5 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. -0.01 min

Lab File: BF079785.D

Acq: 6 Jun 2015 23:00

Tgt Ion: 136 Resp: 222945

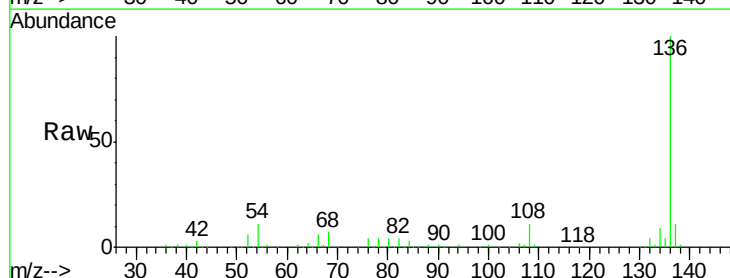
Ion Ratio Lower Upper

136 100

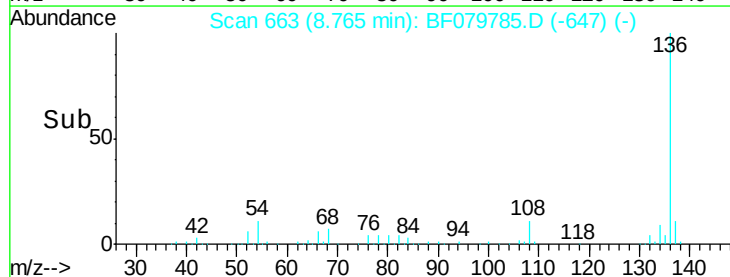
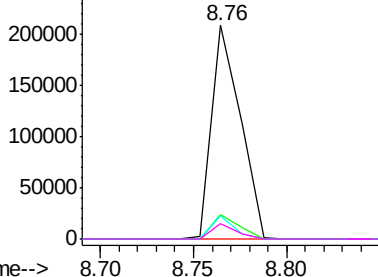
137 11.2 8.8 13.2

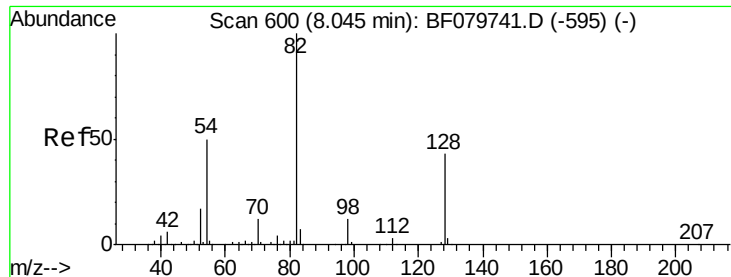
54 10.5 8.7 13.1

68 7.2 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

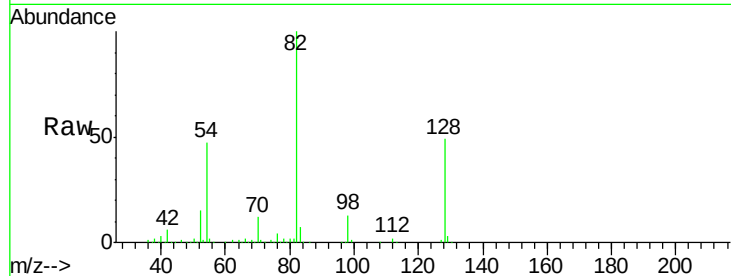




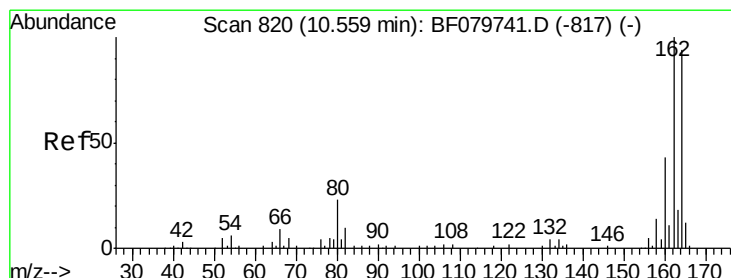
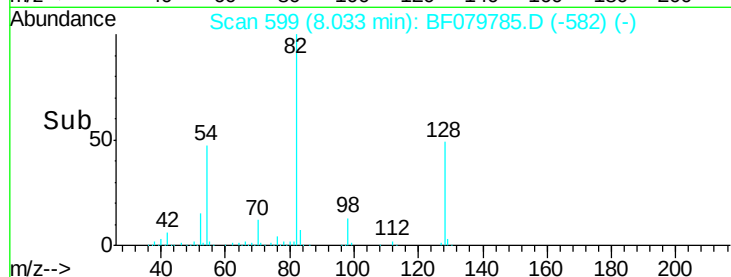
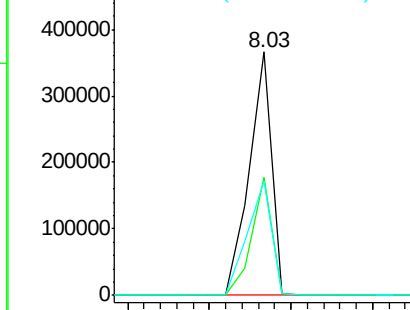
#23
 Nitrobenzene-d5
 Concen: 95.77 ng
 RT: 8.03 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF079785.D
 Acq: 6 Jun 2015 23:00

Instrument :
 BNA_F
 ClientSampleId :
 MW-12-6-2-15

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.6	37.6	56.4
54	46.9	39.4	59.2

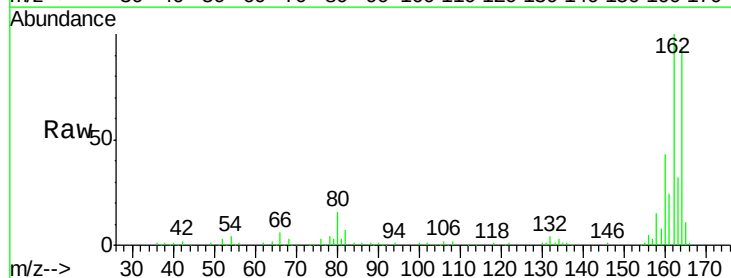


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

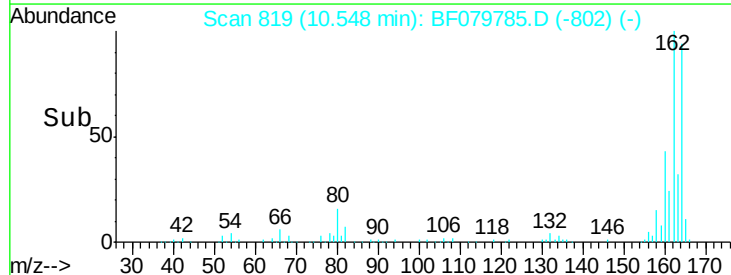
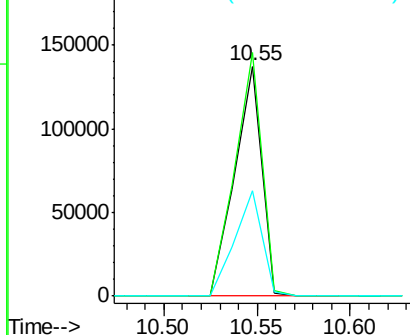


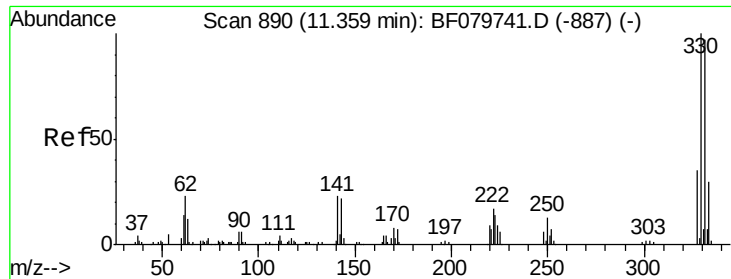
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.55 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF079785.D
 Acq: 6 Jun 2015 23:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	82.6	123.8
160	46.0	36.8	55.2



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

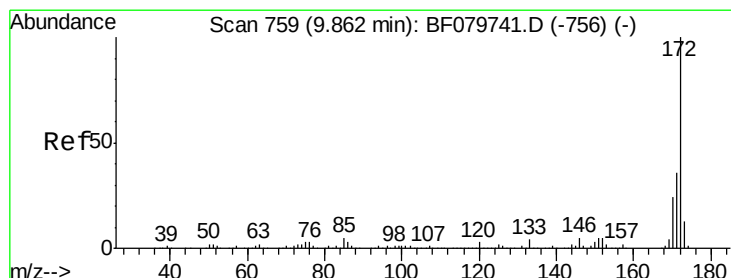
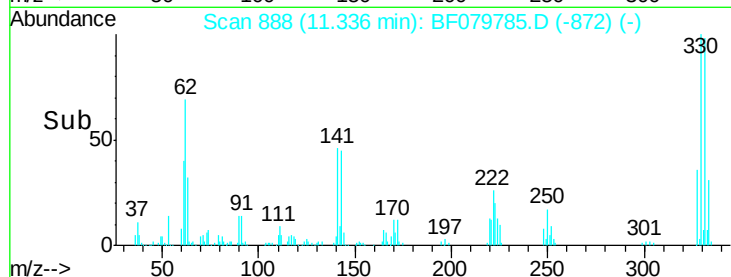
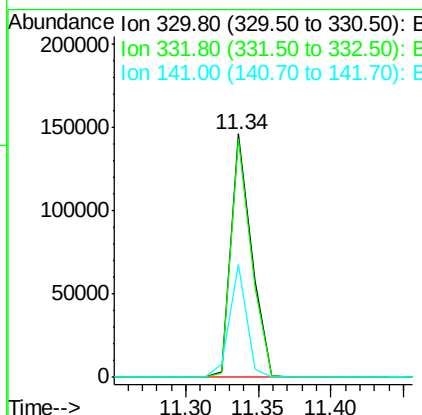
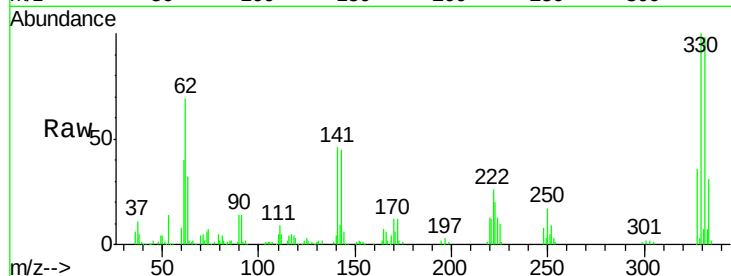




#41
 2,4,6-Tribromophenol
 Concen: 107.69 ng
 RT: 11.34 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF079785.D
 Acq: 6 Jun 2015 23:00

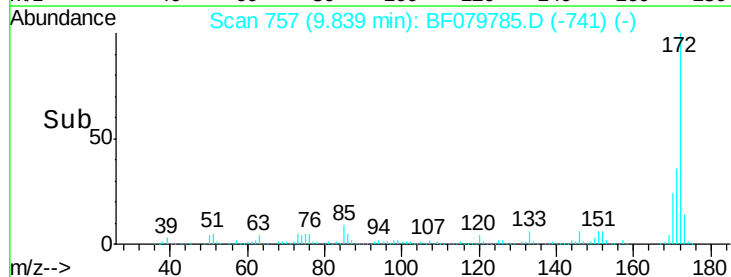
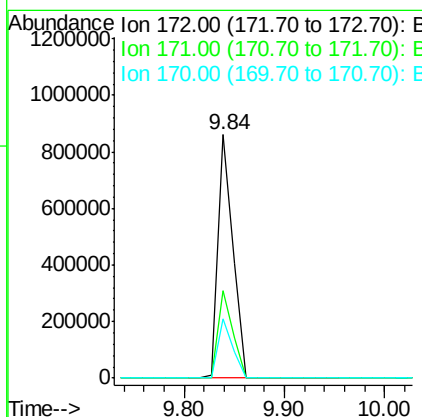
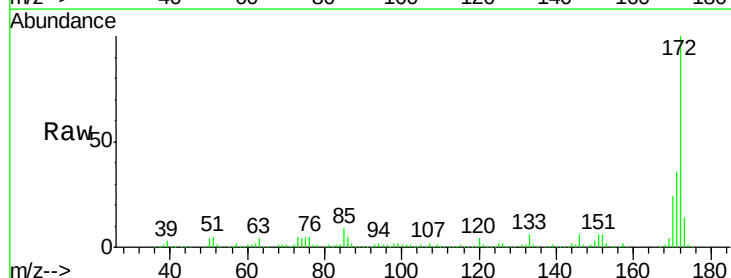
Instrument :
 BNA_F
 ClientSampleId :
 MW-12-6-2-15

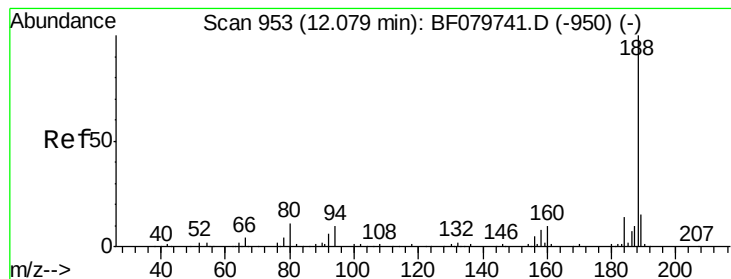
Tgt Ion:330 Resp: 143474
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.0
 141 38.6 30.2 45.2



#44
 2-Fluorobiphenyl
 Concen: 85.75 ng
 RT: 9.84 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF079785.D
 Acq: 6 Jun 2015 23:00

Tgt Ion:172 Resp: 881691
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.3 19.7 29.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.06 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF079785.D

Acq: 6 Jun 2015 23:00

Instrument :

BNA_F

ClientSampleId :

MW-12-6-2-15

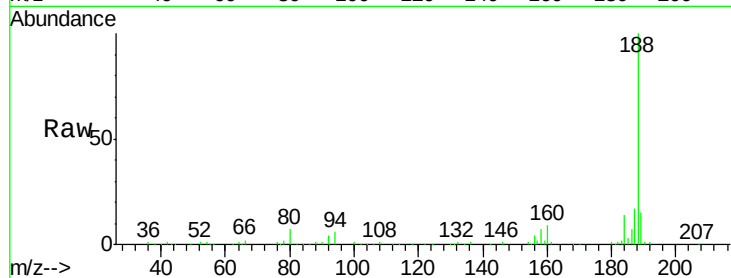
Tgt Ion:188 Resp: 227119

Ion Ratio Lower Upper

188 100

94 6.5 5.0 7.4

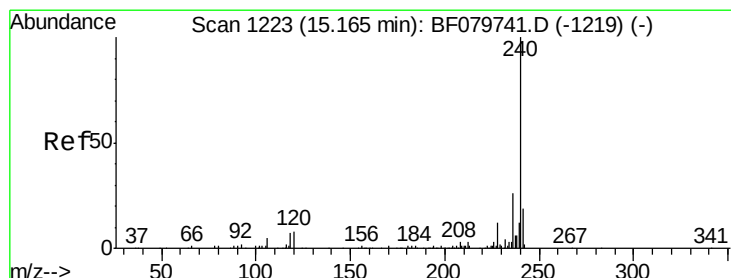
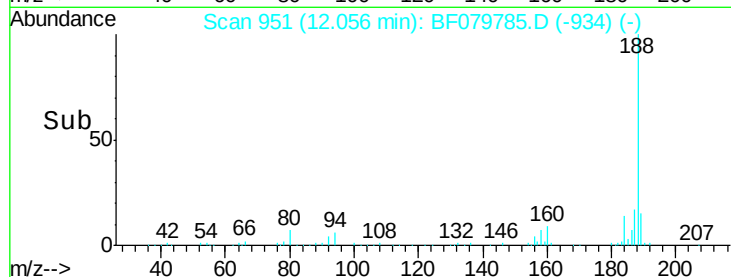
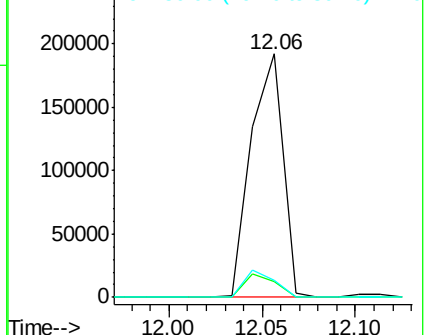
80 6.9 5.3 7.9



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: 14.95 min Scan# 1204

Delta R.T. 0.05 min

Lab File: BF079785.D

Acq: 6 Jun 2015 23:00

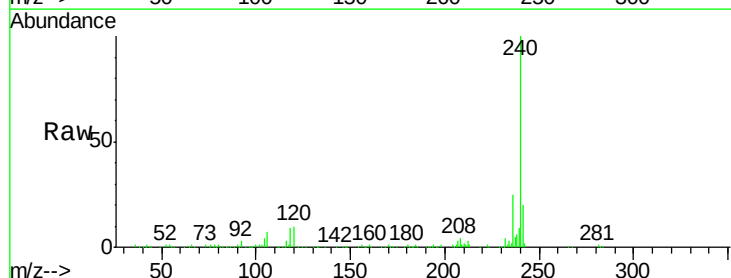
Tgt Ion:240 Resp: 238832

Ion Ratio Lower Upper

240 100

120 9.7 6.2 9.2#

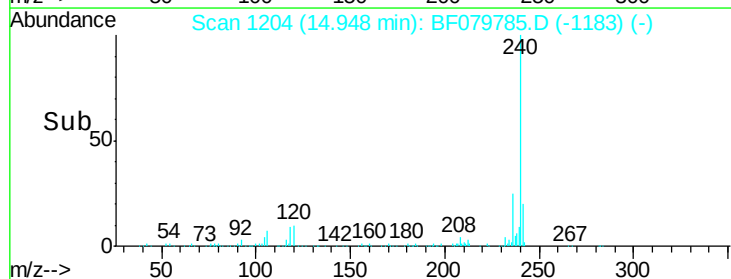
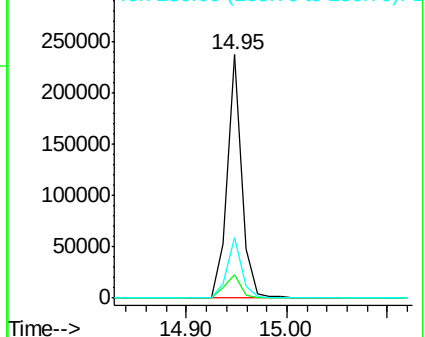
236 24.9 21.0 31.4

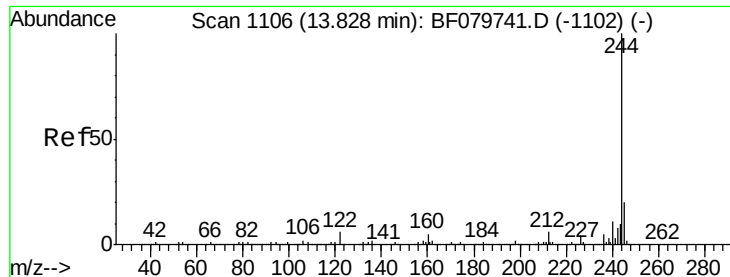


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.14 ng

RT: 13.71 min Scan# 1096

Delta R.T. 0.02 min

Lab File: BF079785.D

Acq: 6 Jun 2015 23:00

Instrument :

BNA_F

ClientSampleId :

MW-12-6-2-15

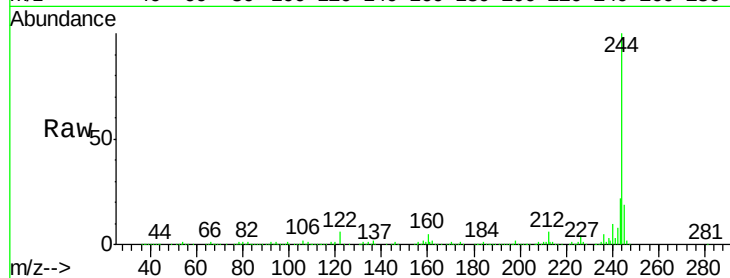
Tgt Ion:244 Resp: 908730

Ion Ratio Lower Upper

244 100

212 6.3 6.1 9.1

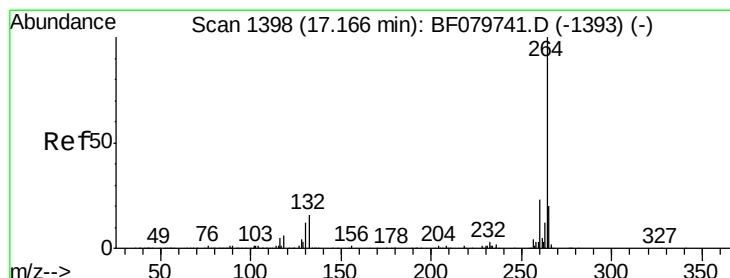
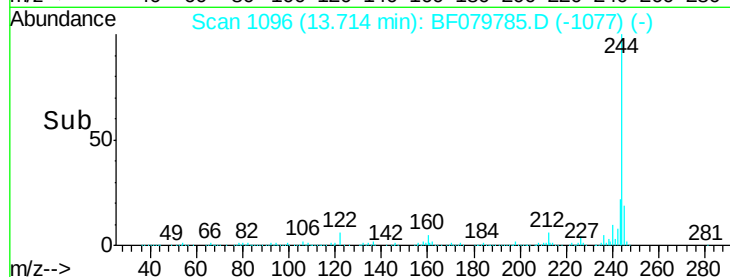
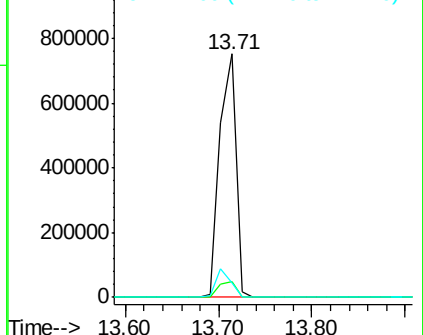
122 6.2 9.3 13.9#



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

Perylene-d12

Concen: 20.00 ng

RT: 16.86 min Scan# 1371

Delta R.T. 0.06 min

Lab File: BF079785.D

Acq: 6 Jun 2015 23:00

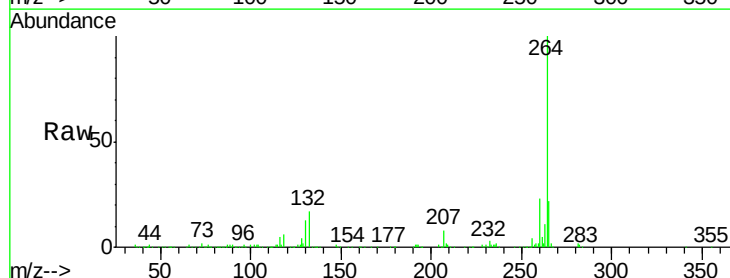
Tgt Ion:264 Resp: 281920

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.6 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

