

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
 Data File : BF079192.D
 Acq On : 13 May 2015 9:38
 Operator : TP/IZ
 Sample : G2176-02RE
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 13 13:27:46 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 13:12:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	58011	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	243417	20.00	ng	0.00
38) Acenaphthene-d10	11.03	164	116281	20.00	ng	-0.01
63) Phenanthrene-d10	12.88	188	234219	20.00	ng	0.00
75) Chrysene-d12	16.17	240	242989	20.00	ng	0.00
86) Perylene-d12	17.89	264	237868	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	154042	45.71	ng	0.00
7) Phenol-d6	6.84	99	215509	48.38	ng	0.00
23) Nitrobenzene-d5	7.98	82	119092	28.12	ng	0.00
41) 2,4,6-Tribromophenol	12.01	330	59100	46.98	ng	-0.01
44) 2-Fluorobiphenyl	10.20	172	262201	31.42	ng	0.00
78) Terphenyl-d14	14.87	244	305574	30.11	ng	-0.01

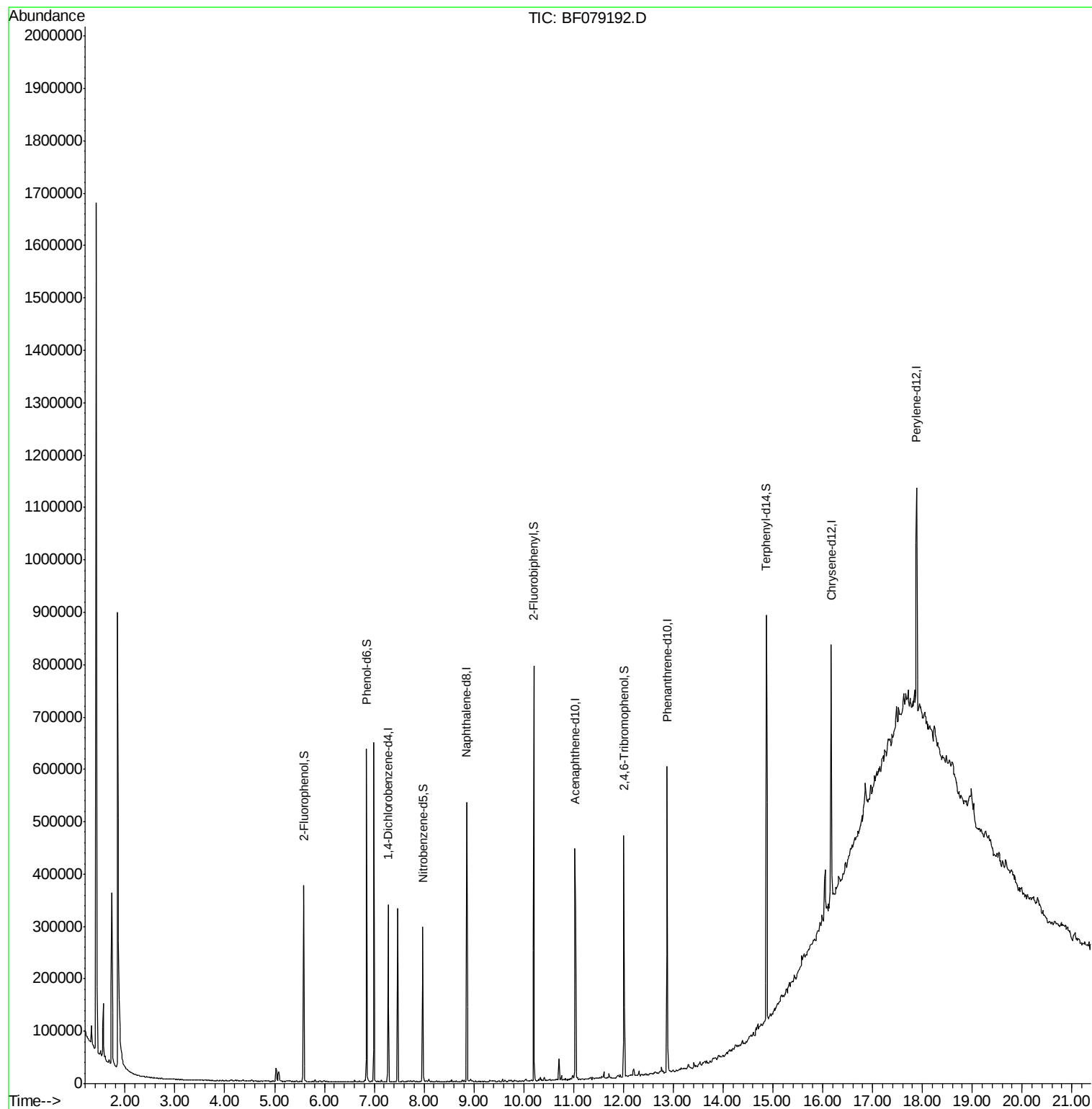
Target Compounds Qvalue

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

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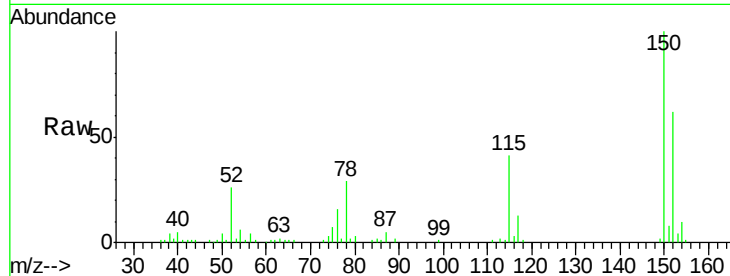




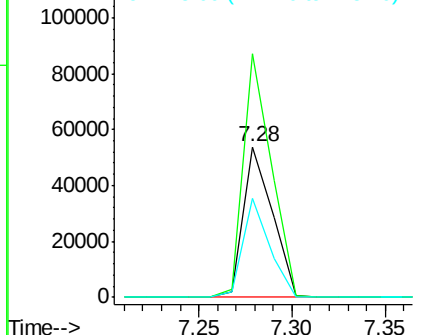
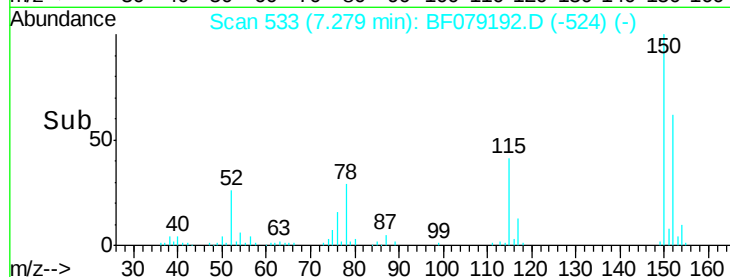
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.28 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: BF079192.D
 Acq: 13 May 2015 9:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 58011
 Ion Ratio Lower Upper
 152 100
 150 161.9 122.0 183.0
 115 65.7 46.3 69.5

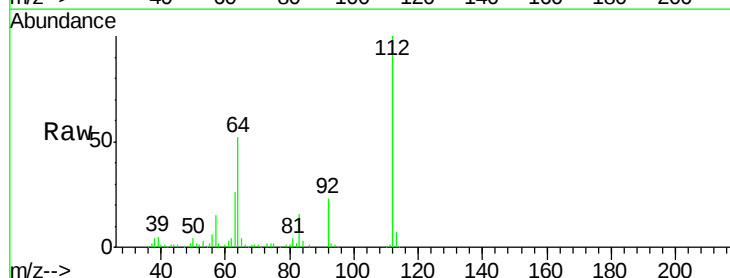


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

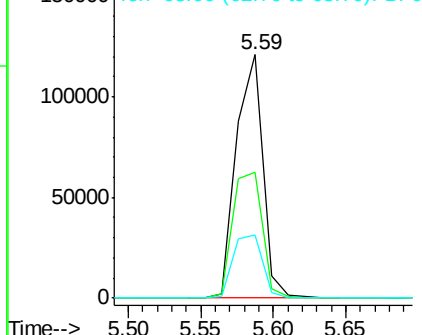
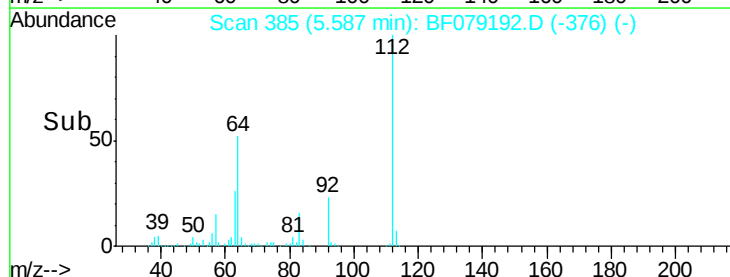


#5
 2-Fluorophenol
 Concen: 45.71 ng
 RT: 5.59 min Scan# 385
 Delta R.T. 0.00 min
 Lab File: BF079192.D
 Acq: 13 May 2015 9:38

Tgt Ion:112 Resp: 154042
 Ion Ratio Lower Upper
 112 100
 64 51.5 53.5 80.3#
 63 25.9 27.5 41.3#



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: 48.38 ng

RT: 6.84 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF079192.D

Acq: 13 May 2015 9:38

Instrument :

BNA_F

ClientSampleId :

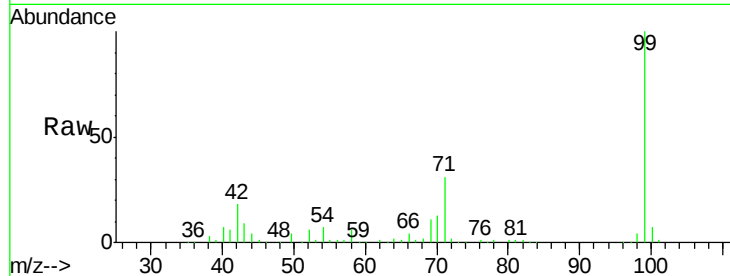
Tot Ion: 99 Resp: 215509

Ion Ratio Lower Upper

99 100

42 18.2 12.8 19.2

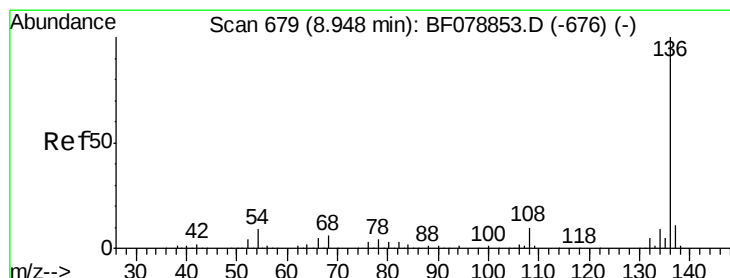
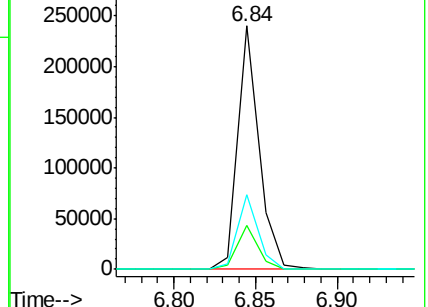
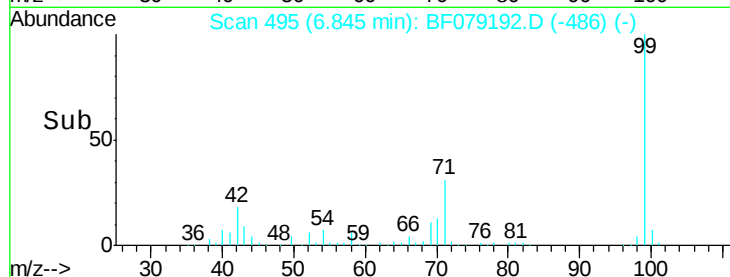
71 30.9 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF078853.D (-498) (-)

Ion 42.00 (41.70 to 42.70): BF078853.D (-498) (-)

Ion 71.00 (70.70 to 71.70): BF078853.D (-498) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.86 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF079192.D

Acq: 13 May 2015 9:38

Tgt Ion: 136 Resp: 243417

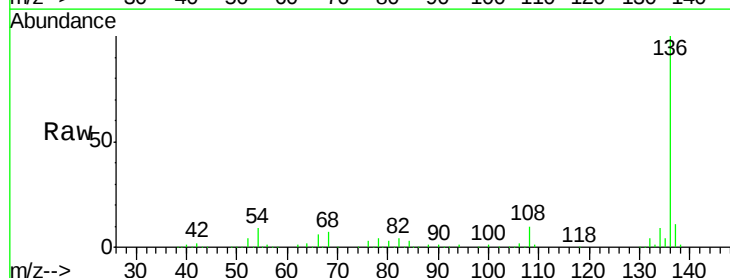
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 8.7 5.8 8.8

68 6.8 4.2 6.4#

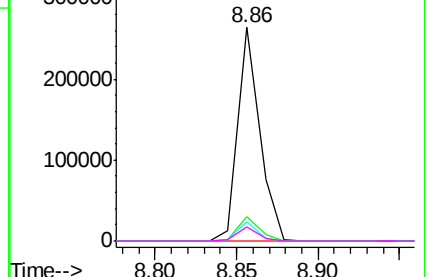
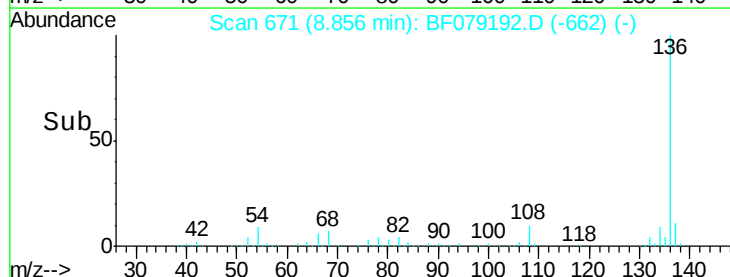


Abundance Ion 136.00 (135.70 to 136.70): BF078853.D (-676) (-)

Ion 137.00 (136.70 to 137.70): BF078853.D (-676) (-)

Ion 54.00 (53.70 to 54.70): BF078853.D (-676) (-)

Ion 68.00 (67.70 to 68.70): BF078853.D (-676) (-)

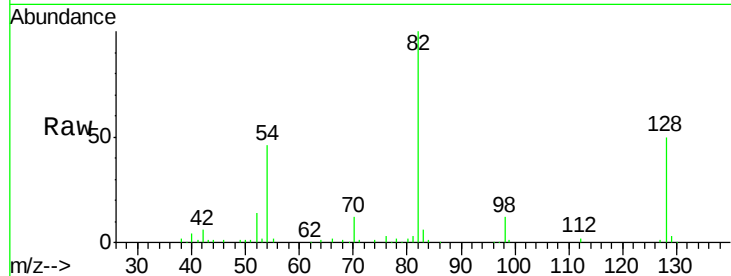




#23
 Nitrobenzene-d5
 Concen: 28.12 ng
 RT: 7.98 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF079192.D
 Acq: 13 May 2015 9:38

Instrument :
 BNA_F
 ClientSampleId :

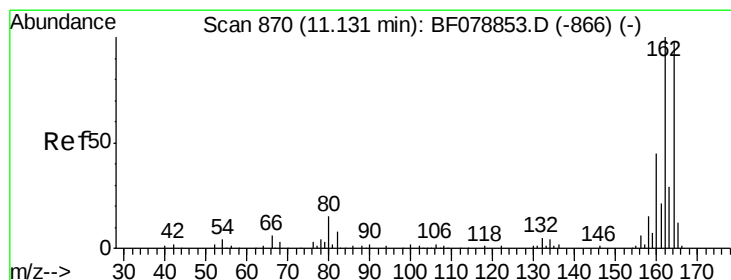
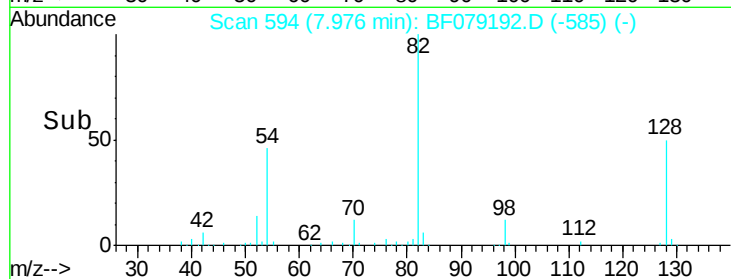
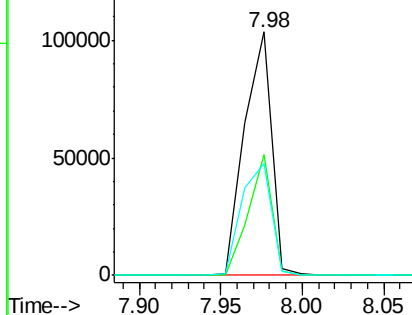
Tot Ion	82	Resp	119092
Ion Ratio	100	Lower	Upper
128	49.8	30.0	45.0#
54	45.8	46.4	69.6#



Abundance Ion 82.00 (81.70 to 82.70): BF079192.D (-585) (-)

Ion 128.00 (127.70 to 128.70): BF079192.D (-585) (-)

Ion 54.00 (53.70 to 54.70): BF079192.D (-585) (-)



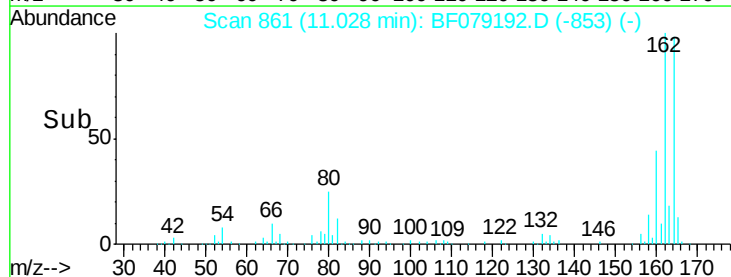
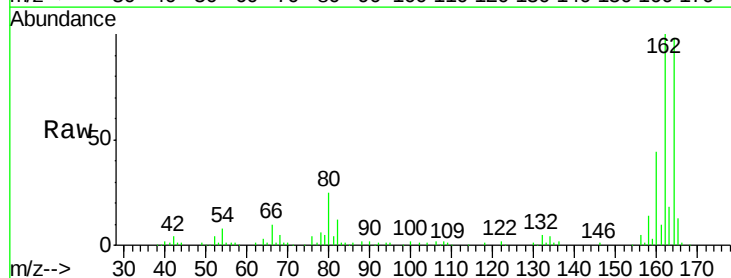
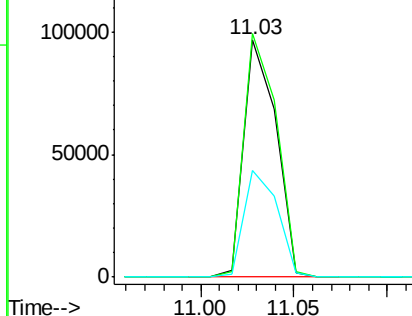
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.03 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF079192.D
 Acq: 13 May 2015 9:38

Tgt Ion	164	Resp	116281
Ion Ratio	100	Lower	Upper
162	102.4	82.7	124.1
160	44.9	35.8	53.8

Abundance Ion 164.00 (163.70 to 164.70): BF079192.D (-853) (-)

Ion 162.00 (161.70 to 162.70): BF079192.D (-853) (-)

Ion 160.00 (159.70 to 160.70): BF079192.D (-853) (-)

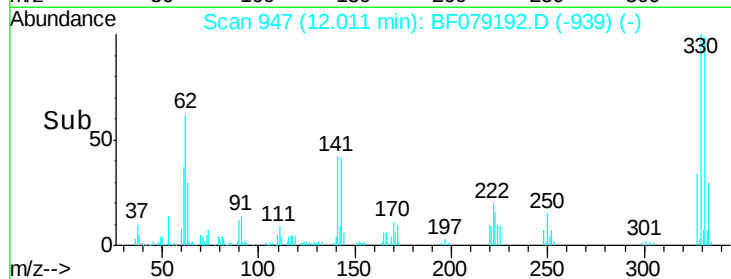
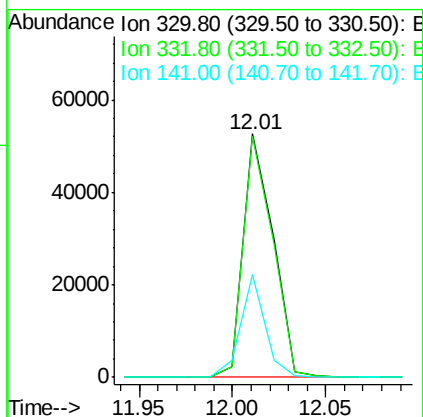
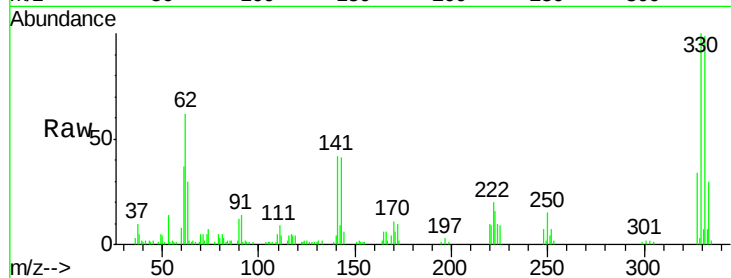




#41
 2,4,6-Tribromophenol
 Concen: 46.98 ng
 RT: 12.01 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF079192.D
 Acq: 13 May 2015 9:38

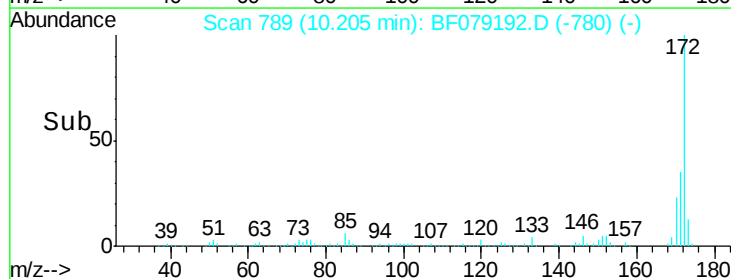
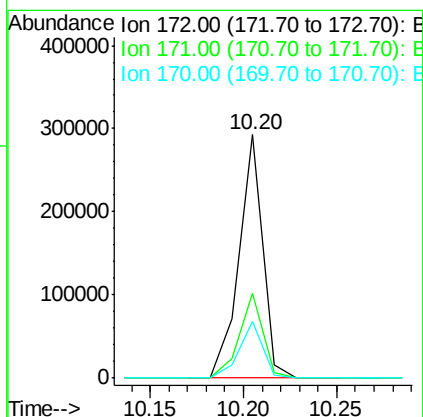
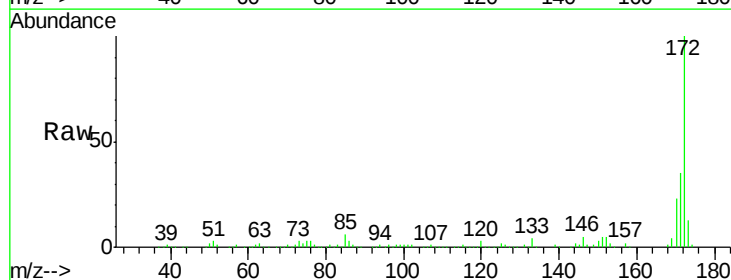
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 59100
 Ion Ratio Lower Upper
 330 100
 332 98.1 0.0 0.0#
 141 34.7 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 31.42 ng
 RT: 10.20 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF079192.D
 Acq: 13 May 2015 9:38

Tgt Ion:172 Resp: 262201
 Ion Ratio Lower Upper
 172 100
 171 34.8 27.9 41.9
 170 23.3 19.4 29.0

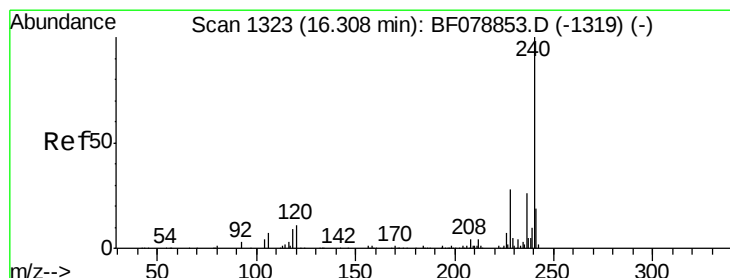
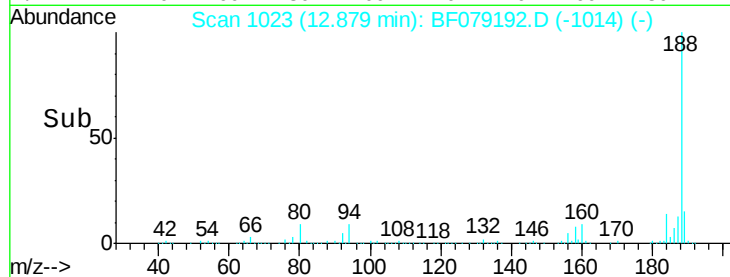
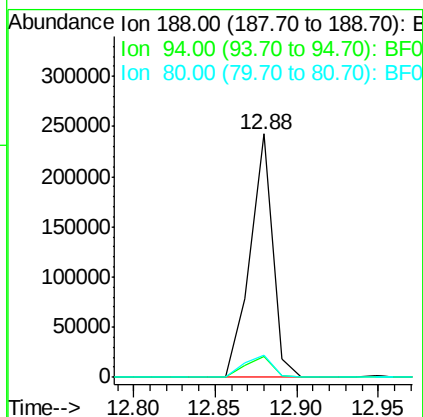
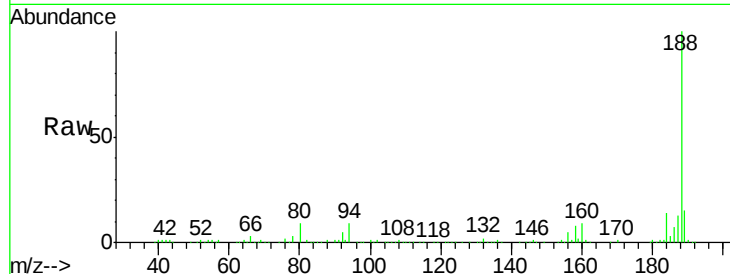




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.88 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF079192.D
Acq: 13 May 2015 9:38

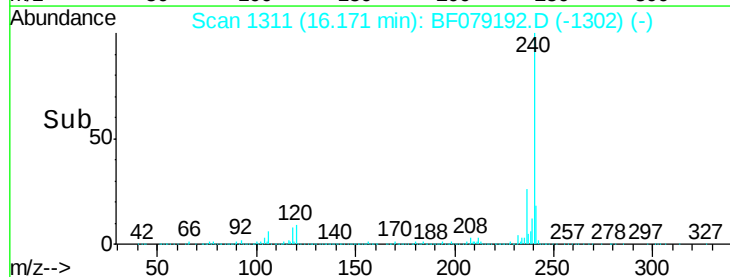
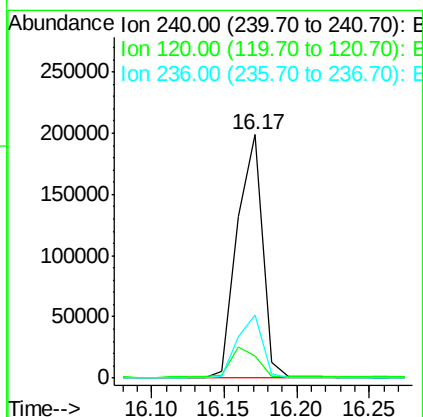
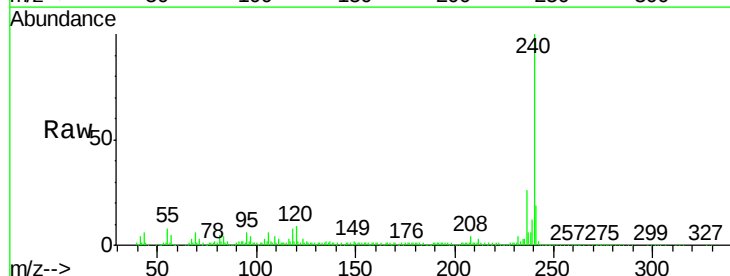
Instrument :
BNA_F
ClientSampleId :

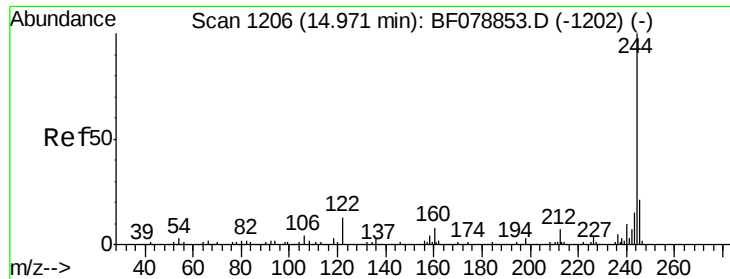
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	9.3	8.9	13.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.17 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF079192.D
Acq: 13 May 2015 9:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.7	14.5#
236	25.9	20.2	30.4





#78

Terphenyl-d14

Concen: 30.11 ng

RT: 14.87 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF079192.D

Acq: 13 May 2015 9:38

Instrument :

BNA_F

ClientSampleId :

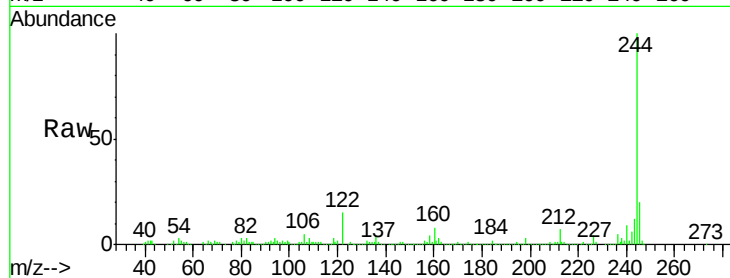
Tot Ion:244 Resp: 305574

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

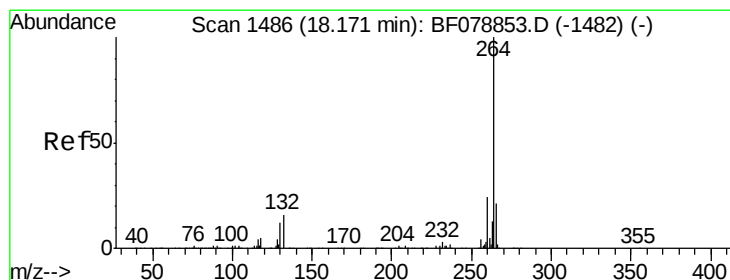
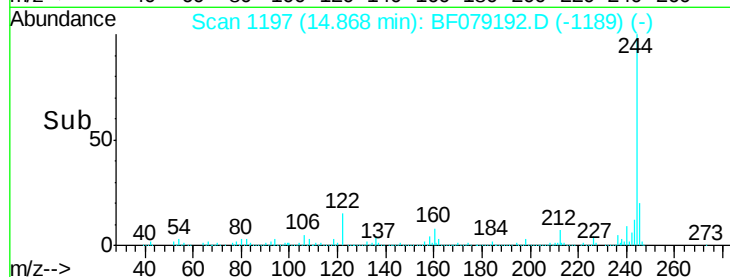
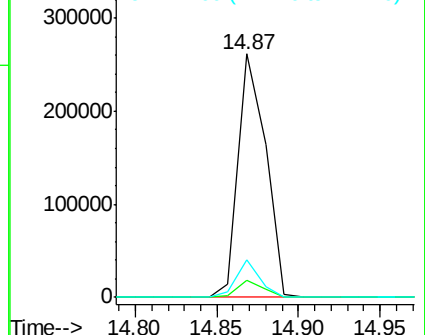
122 15.3 10.3 15.5



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: 17.89 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF079192.D

Acq: 13 May 2015 9:38

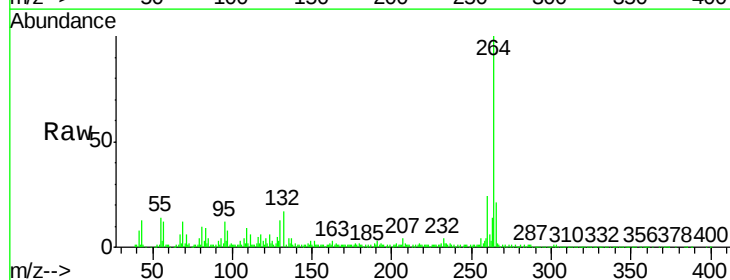
Tgt Ion:264 Resp: 237868

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 20.9 18.3 27.5



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

