

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
 Data File : BF079991.D
 Acq On : 16 Jun 2015 15:30
 Operator : TP/IZ
 Sample : G2638-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP15-JMW0991

Quant Time: Jun 17 01:46:17 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	47517	20.00	ng	0.00
21) Naphthalene-d8	8.64	136	188072	20.00	ng	0.00
38) Acenaphthene-d10	10.41	164	91367	20.00	ng	0.00
63) Phenanthrene-d10	11.92	188	184926	20.00	ng	0.00
75) Chrysene-d12	14.95	240	190162	20.00	ng	0.05
86) Perylene-d12	16.88	264	184605	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.96	112	176186	67.99	ng	0.00
7) Phenol-d6	6.95	99	152861	43.30	ng	0.00
23) Nitrobenzene-d5	7.91	82	303588	106.50	ng	0.00
41) 2,4,6-Tribromophenol	11.21	330	136062	147.45	ng	0.00
44) 2-Fluorobiphenyl	9.72	172	661239	101.34	ng	0.00
78) Terphenyl-d14	13.65	244	869043	105.36	ng	0.02

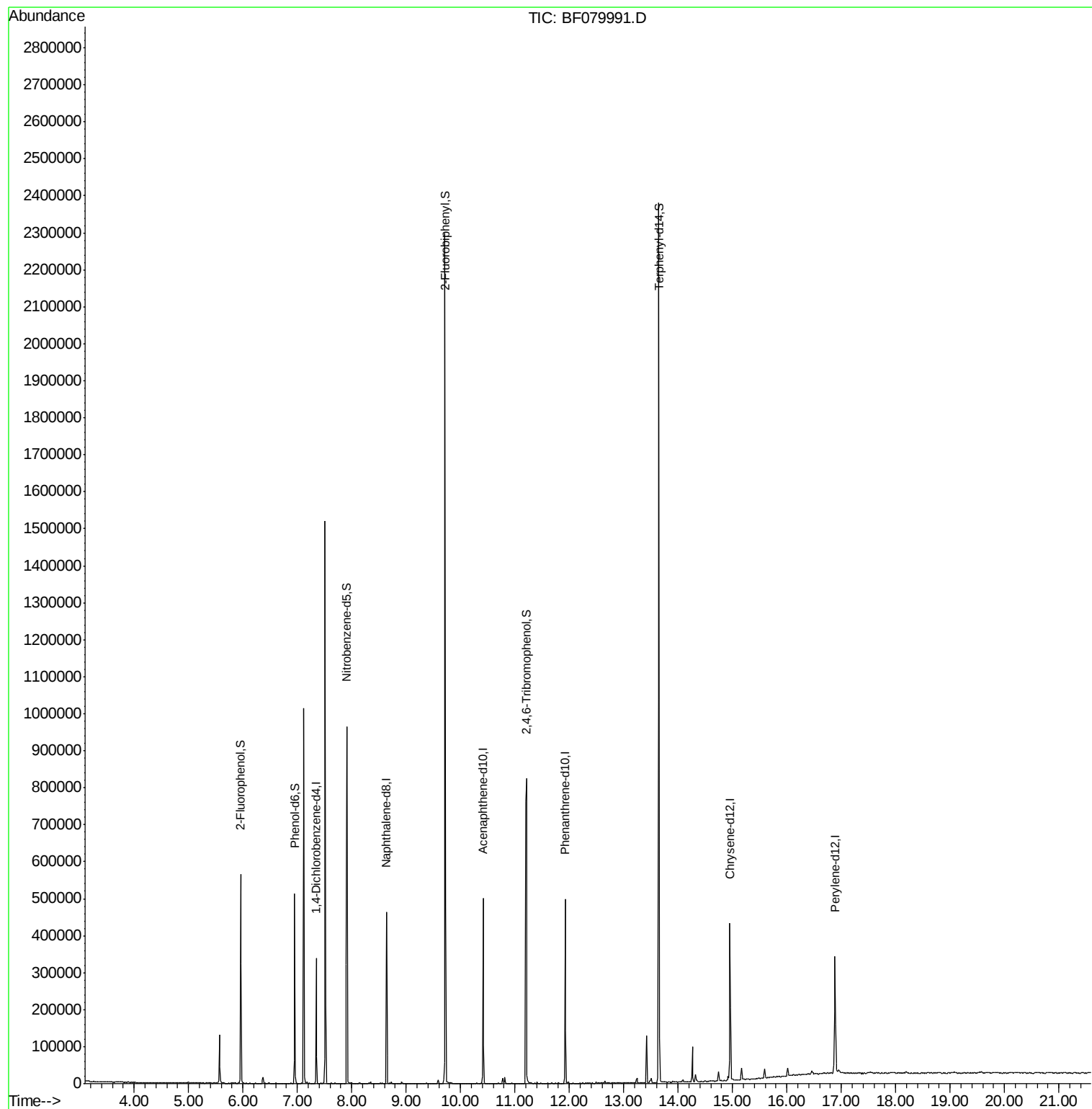
Target Compounds	Qvalue
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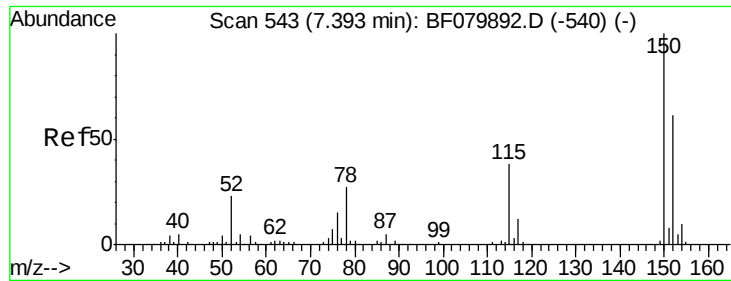
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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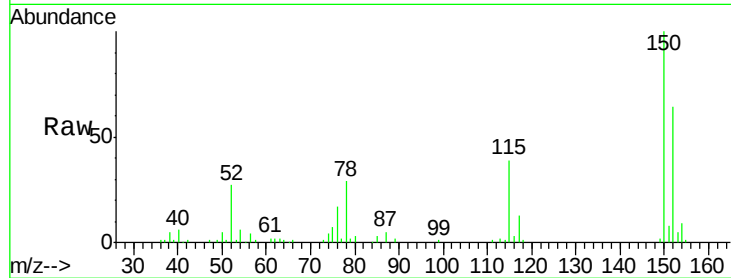


#1

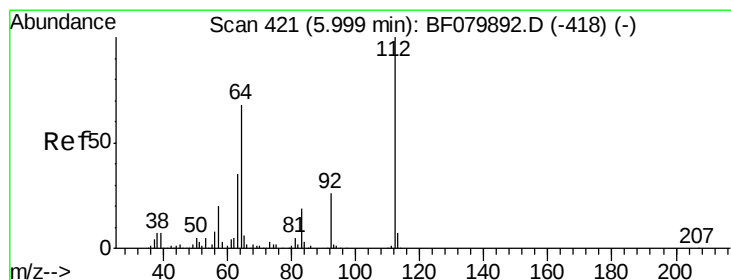
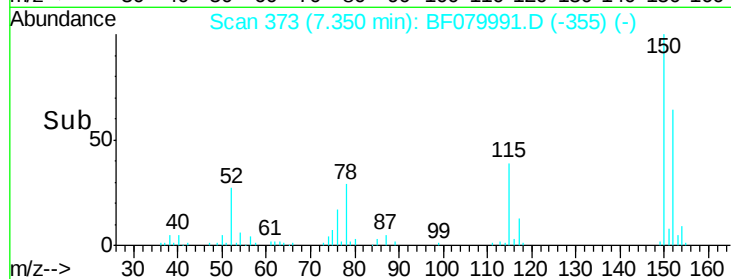
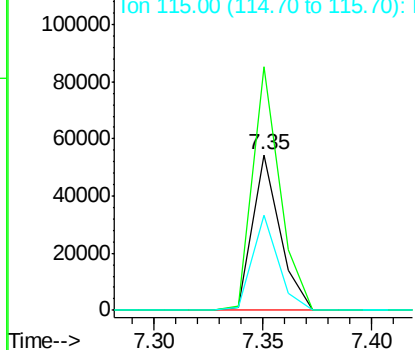
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF079991.D
Acq: 16 Jun 2015 15:30

Instrument :
BNA_F
ClientSampleId :
SP15-JMW0991

Tgt Ion:152 Resp: 47517
Ion Ratio Lower Upper
152 100
150 156.4 131.0 196.4
115 60.7 49.8 74.6



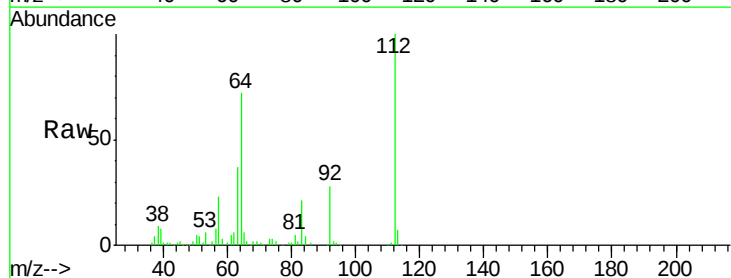
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



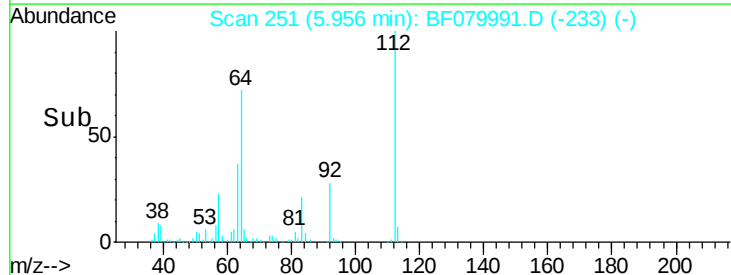
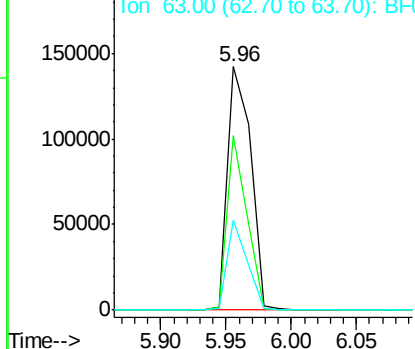
#5

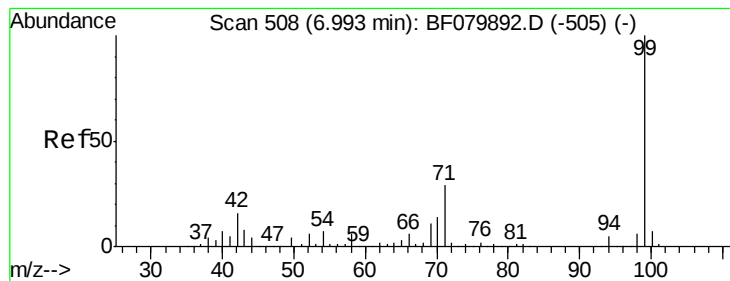
2-Fluorophenol
Concen: 67.99 ng
RT: 5.96 min Scan# 251
Delta R.T. 0.00 min
Lab File: BF079991.D
Acq: 16 Jun 2015 15:30

Tgt Ion:112 Resp: 176186
Ion Ratio Lower Upper
112 100
64 71.8 54.5 81.7
63 36.9 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: 43.30 ng

RT: 6.95 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF079991.D

Acq: 16 Jun 2015 15:30

Instrument :

BNA_F

ClientSampleId :

SP15-JMW0991

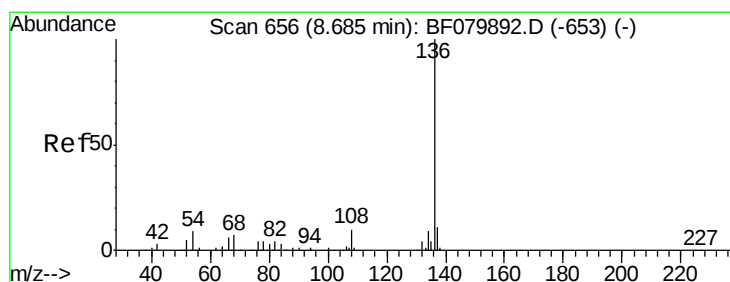
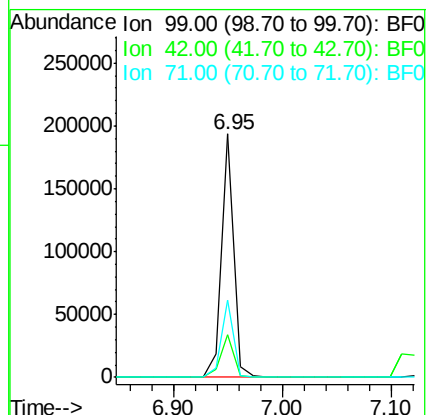
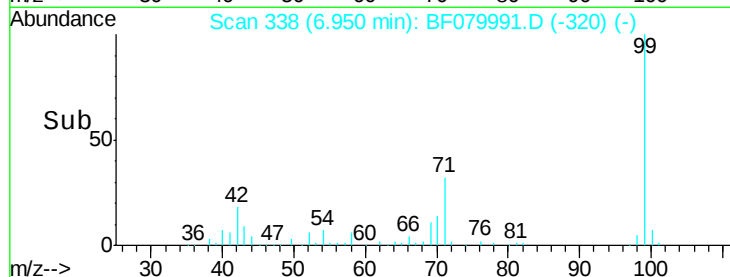
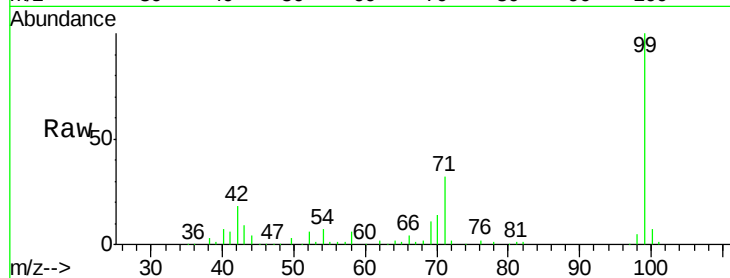
Tgt Ion: 99 Resp: 152861

Ion Ratio Lower Upper

99 100

42 17.6 12.9 19.3

71 31.8 23.4 35.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF079991.D

Acq: 16 Jun 2015 15:30

Tgt Ion: 136 Resp: 188072

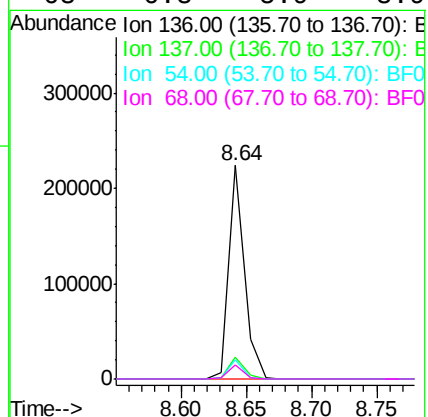
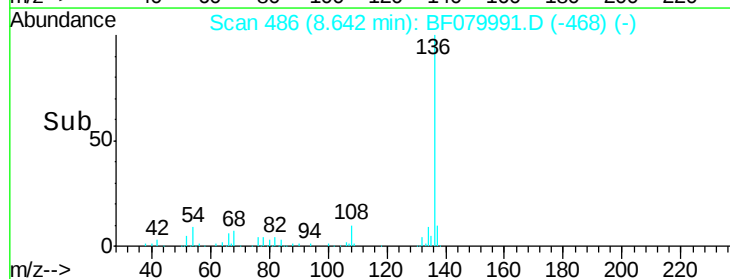
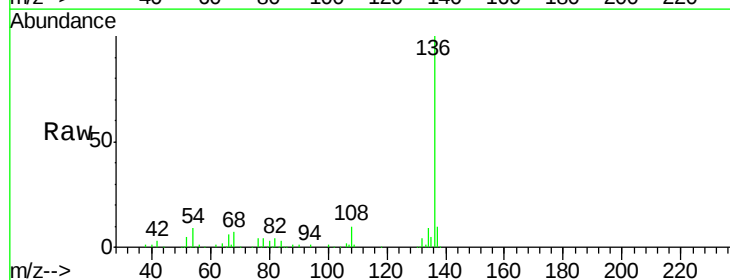
Ion Ratio Lower Upper

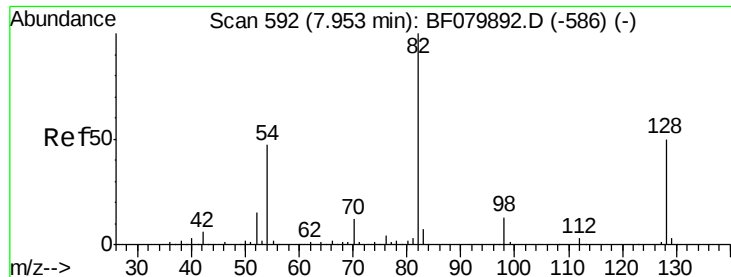
136 100

137 10.2 8.7 13.1

54 9.0 7.3 10.9

68 6.8 5.9 8.9





#23

Nitrobenzene-d5

Concen: 106.50 ng

RT: 7.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF079991.D

Acq: 16 Jun 2015 15:30

Instrument :

BNA_F

ClientSampleId :

SP15-JMW0991

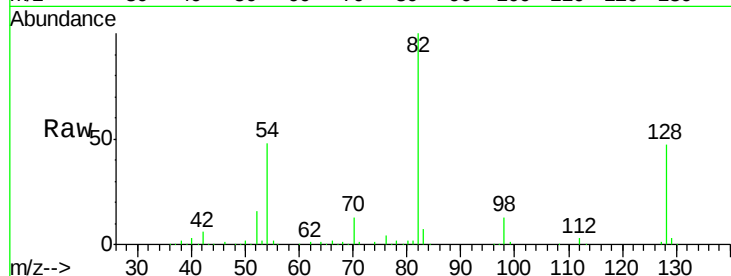
Tgt Ion: 82 Resp: 303588

Ion Ratio Lower Upper

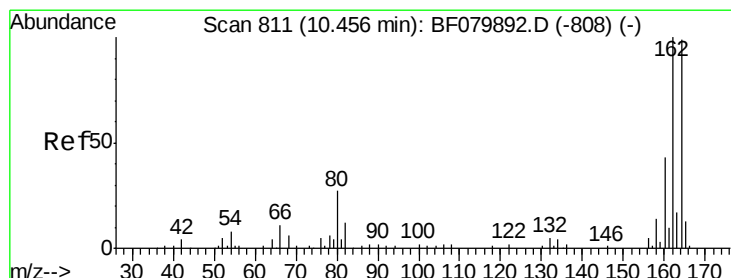
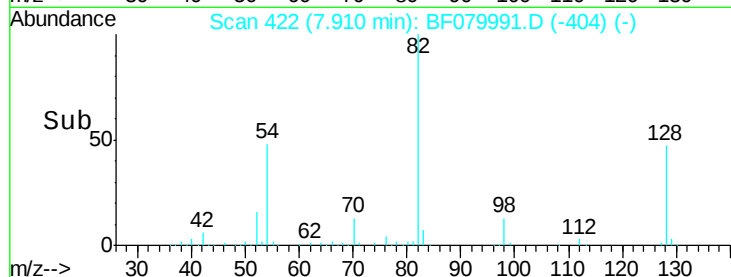
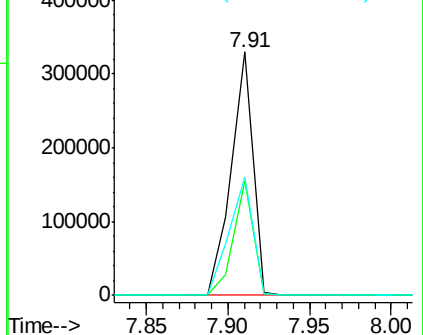
82 100

128 47.1 40.3 60.5

54 48.4 38.0 57.0



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: 10.41 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF079991.D

Acq: 16 Jun 2015 15:30

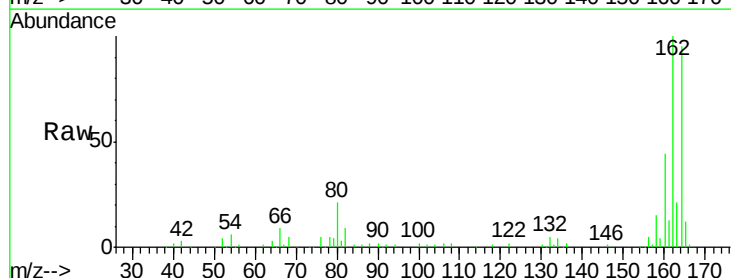
Tgt Ion: 164 Resp: 91367

Ion Ratio Lower Upper

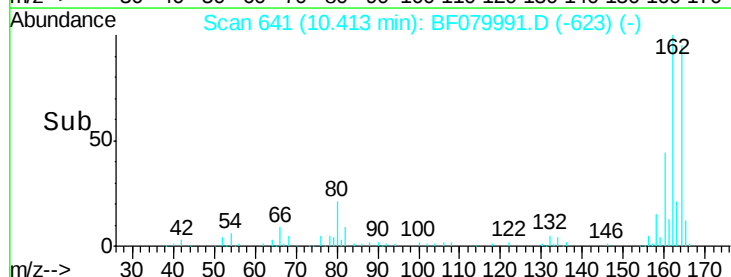
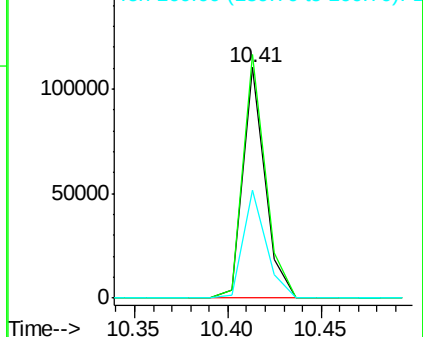
164 100

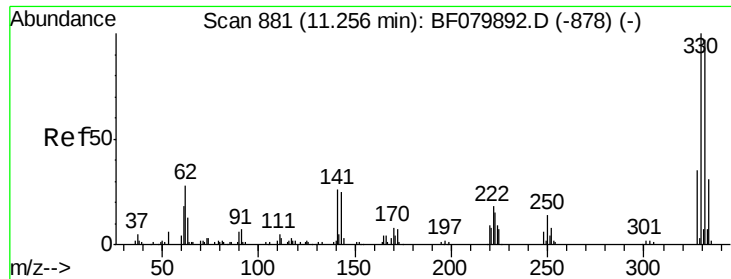
162 105.6 80.7 121.1

160 46.8 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

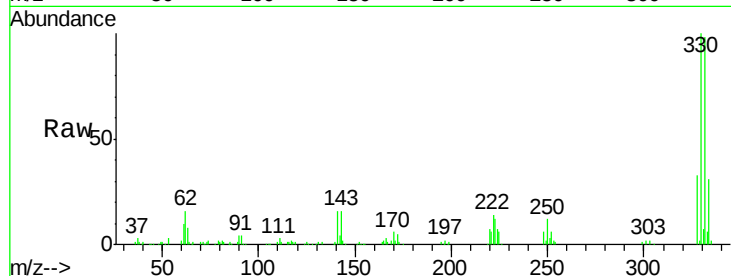




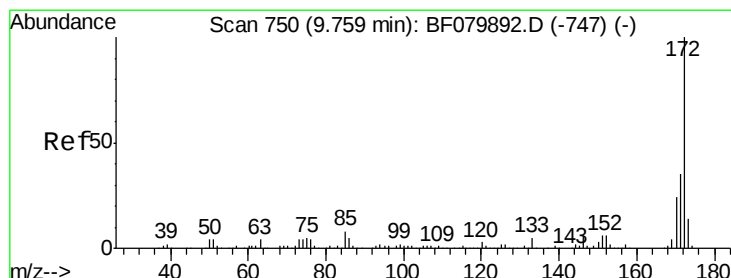
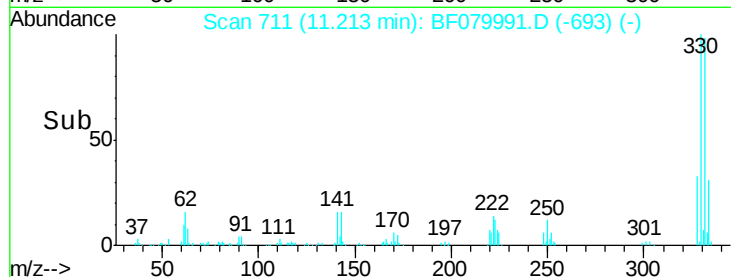
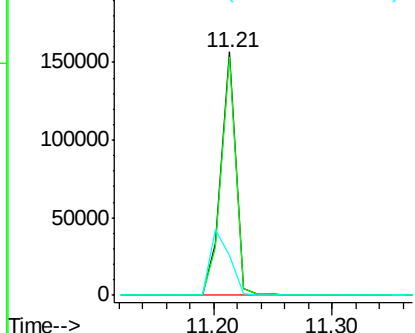
#41
 2,4,6-Tribromophenol
 Concen: 147.45 ng
 RT: 11.21 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF079991.D
 Acq: 16 Jun 2015 15:30

Instrument :
 BNA_F
 ClientSampleId :
 SP15-JMW0991

Tgt Ion:330 Resp: 136062
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.3 115.9
 141 35.3 26.8 40.2

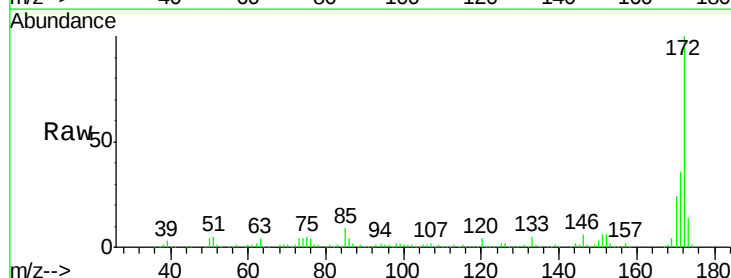


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

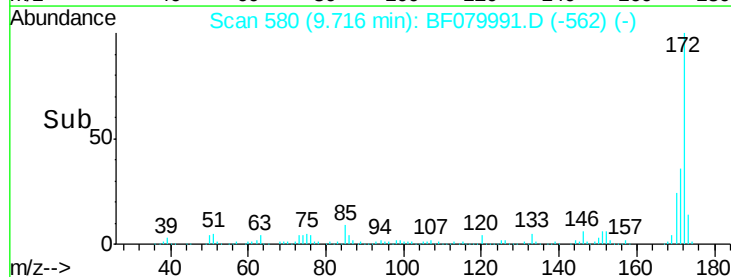
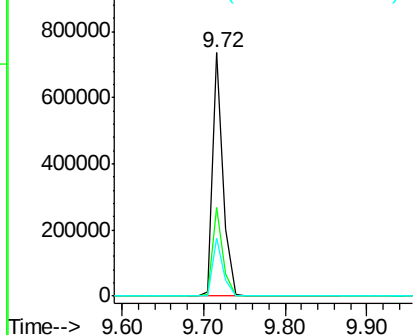


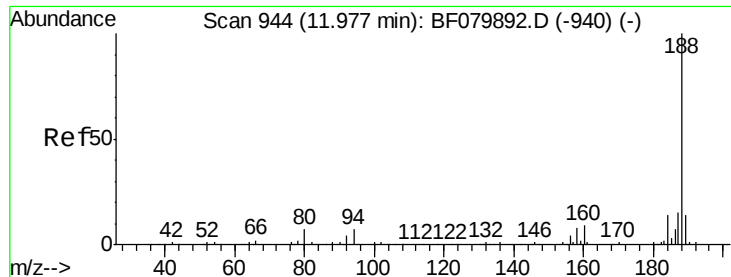
#44
 2-Fluorobiphenyl
 Concen: 101.34 ng
 RT: 9.72 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF079991.D
 Acq: 16 Jun 2015 15:30

Tgt Ion:172 Resp: 661239
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.3 42.5
 170 24.0 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

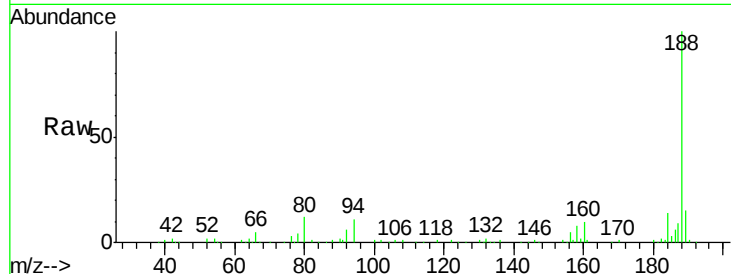




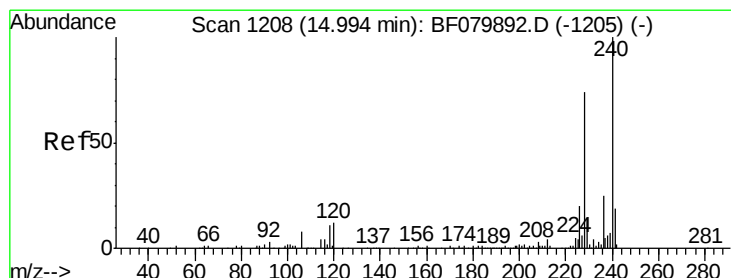
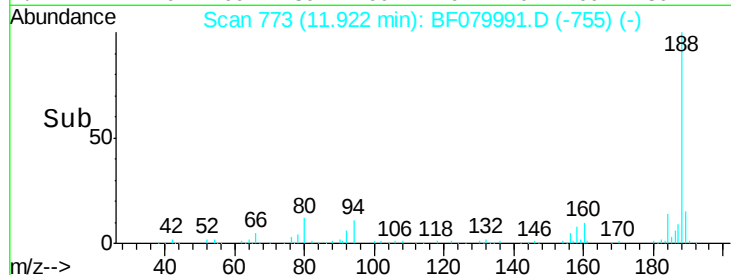
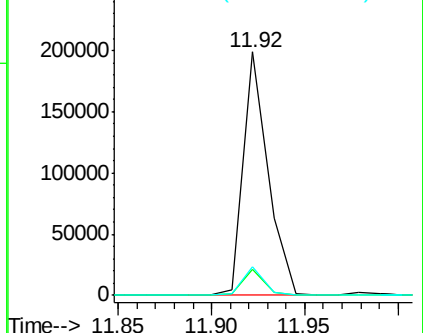
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.92 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF079991.D
Acq: 16 Jun 2015 15:30

Instrument :
BNA_F
ClientSampleId :
SP15-JMW0991

Tgt Ion:188 Resp: 184926
Ion Ratio Lower Upper
188 100
94 10.9 5.8 8.8#
80 12.0 5.9 8.9#

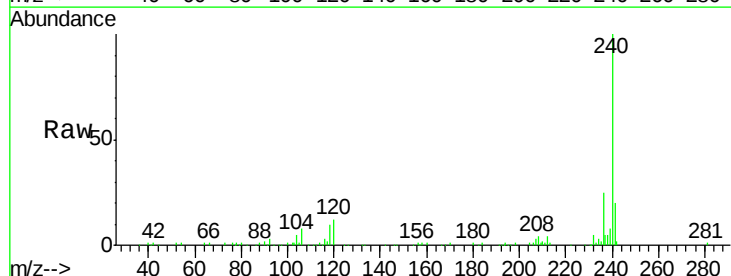


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

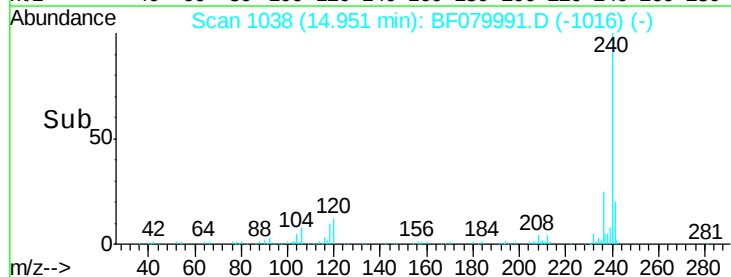
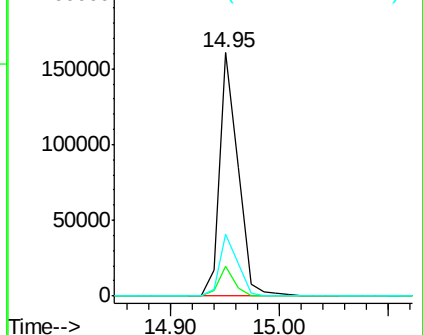


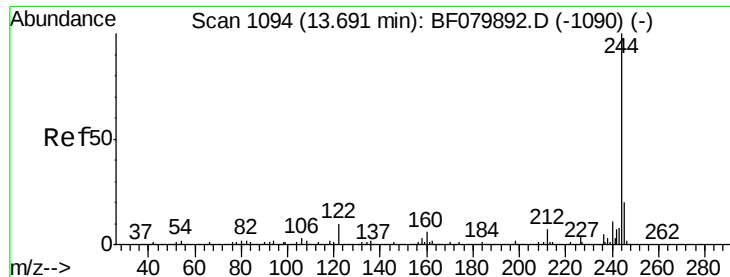
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.95 min Scan# 1038
Delta R.T. 0.05 min
Lab File: BF079991.D
Acq: 16 Jun 2015 15:30

Tgt Ion:240 Resp: 190162
Ion Ratio Lower Upper
240 100
120 12.1 9.4 14.2
236 25.4 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: 105.36 ng

RT: 13.65 min Scan# 924

Delta R.T. 0.02 min

Lab File: BF079991.D

Acq: 16 Jun 2015 15:30

Instrument :

BNA_F

ClientSampleId :

SP15-JMW0991

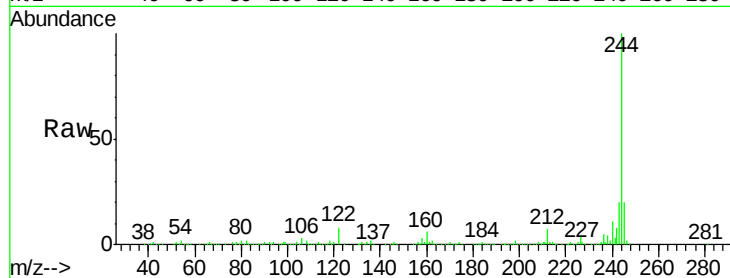
Tgt Ion:244 Resp: 869043

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

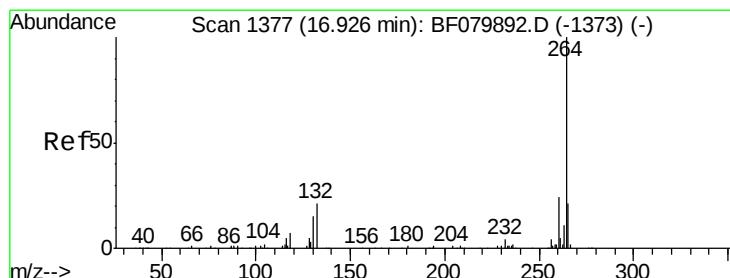
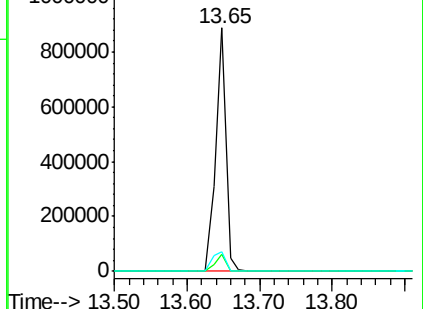
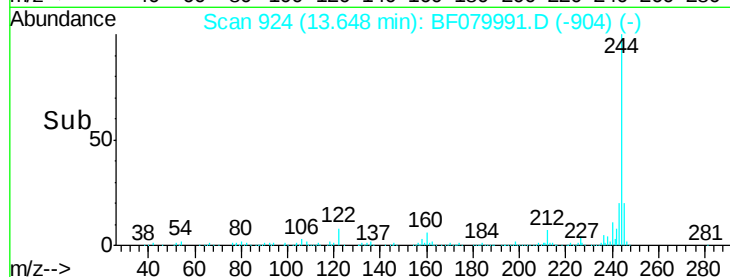
122 8.2 7.8 11.8



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: 16.88 min Scan# 1207

Delta R.T. 0.08 min

Lab File: BF079991.D

Acq: 16 Jun 2015 15:30

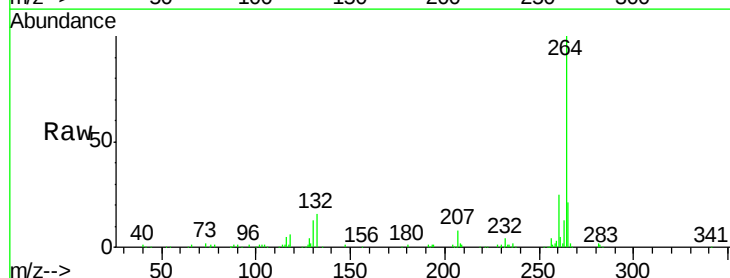
Tgt Ion:264 Resp: 184605

Ion Ratio Lower Upper

264 100

260 24.7 19.3 28.9

265 21.4 17.0 25.6



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

