

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
 Data File : BF079901.D
 Acq On : 11 Jun 2015 18:04
 Operator : TP/IZ
 Sample : G2522-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Quant Time: Jun 12 04:28:04 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 00:59:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	49056	20.00	ng	0.00
21) Naphthalene-d8	8.68	136	195250	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	95891	20.00	ng	0.00
63) Phenanthrene-d10	11.98	188	209679	20.00	ng	0.00
75) Chrysene-d12	15.10	240	227640	20.00	ng	0.10
86) Perylene-d12	17.07	264	212924	20.00	ng	0.15
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	169757	57.98	ng	0.00
7) Phenol-d6	6.99	99	136289	35.58	ng	0.00
23) Nitrobenzene-d5	7.95	82	272375	82.98	ng	0.00
41) 2,4,6-Tribromophenol	11.26	330	133177	155.61	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	685165	100.70	ng	0.00
78) Terphenyl-d14	13.75	244	933108	93.14	ng	0.06

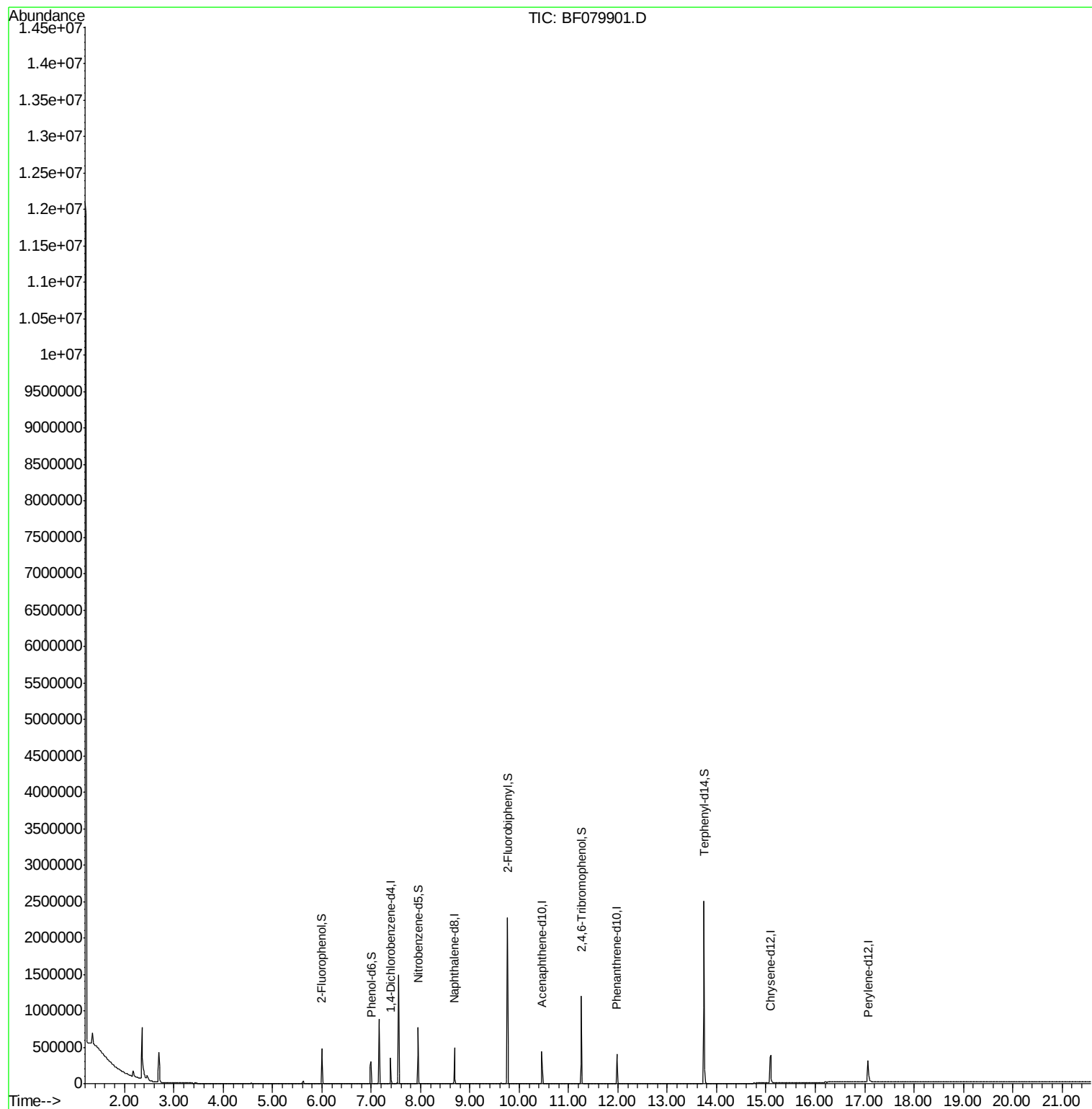
Target Compounds Qvalue

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

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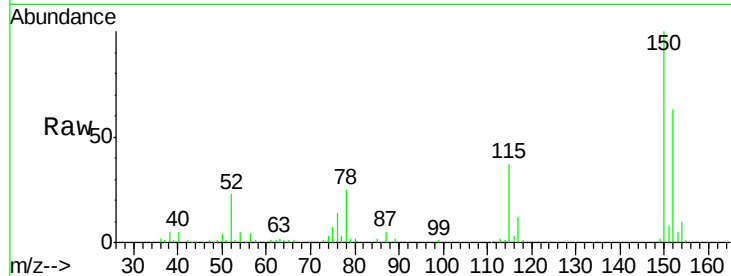


#1

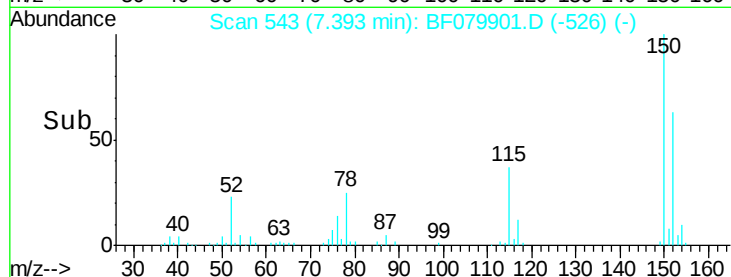
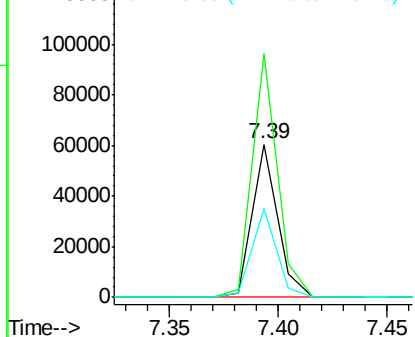
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Instrument :
BNA_F
ClientSampleId :
MW-17

Tot Ion:152 Resp: 49056
Ion Ratio Lower Upper
152 100
150 158.9 131.0 196.4
115 58.1 49.8 74.6



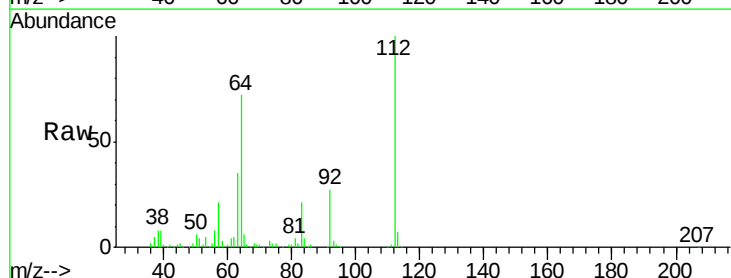
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



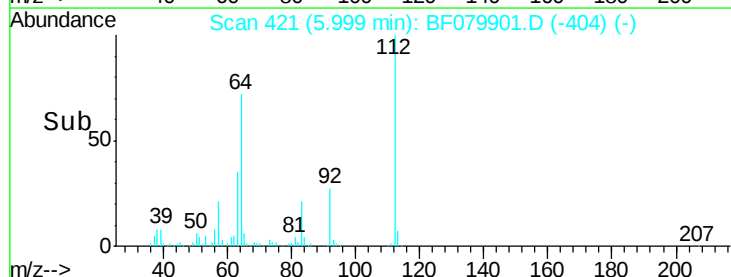
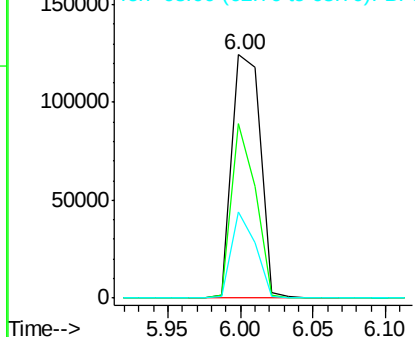
#5

2-Fluorophenol
Concen: 57.98 ng
RT: 6.00 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Tgt Ion:112 Resp: 169757
Ion Ratio Lower Upper
112 100
64 71.6 54.5 81.7
63 35.5 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: 35.58 ng

RT: 6.99 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF079901.D

Acq: 11 Jun 2015 18:04

Instrument :

BNA_F

ClientSampleId :

MW-17

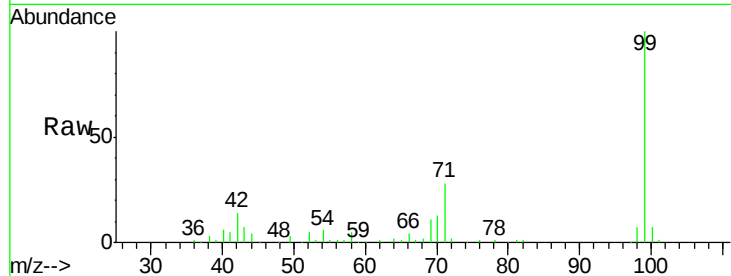
Tot Ion: 99 Resp: 136289

Ion Ratio Lower Upper

99 100

42 13.6 12.9 19.3

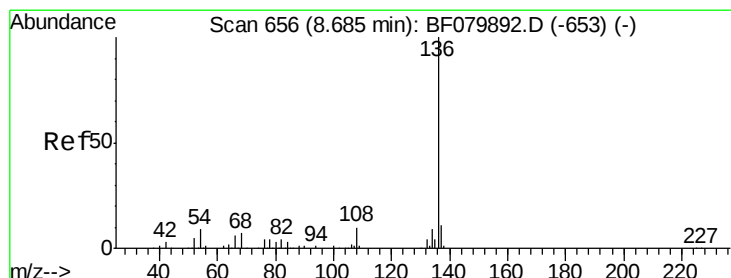
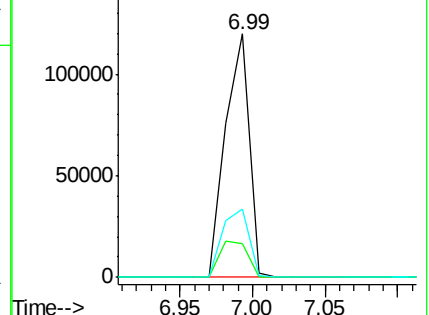
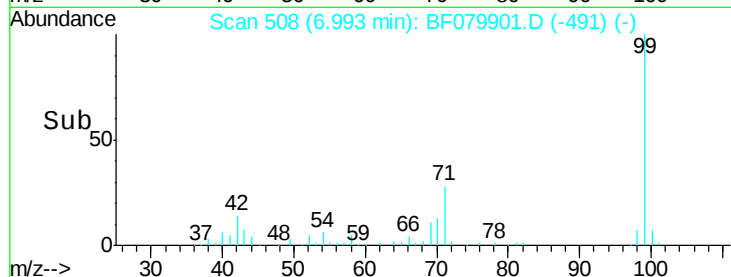
71 28.2 23.4 35.2



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: 8.68 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF079901.D

Acq: 11 Jun 2015 18:04

Tgt Ion: 136 Resp: 195250

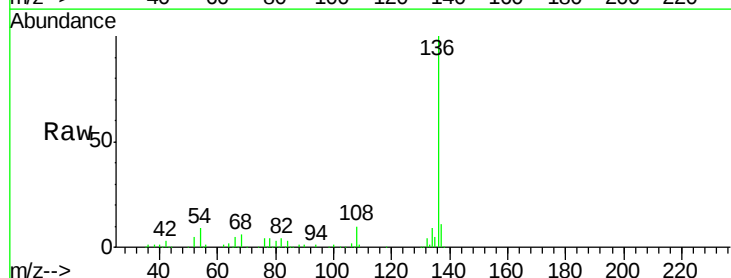
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.9 7.3 10.9

68 6.2 5.9 8.9

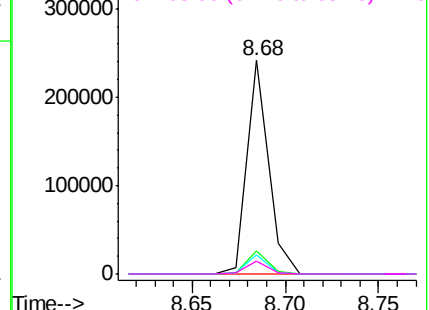
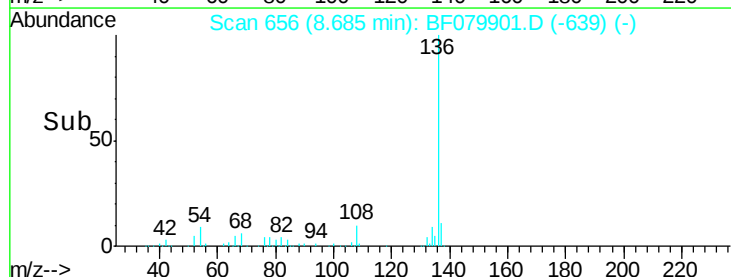


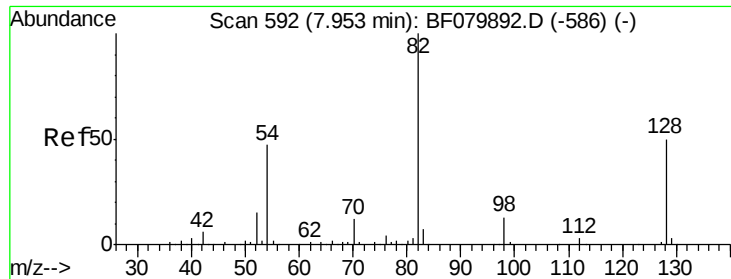
Abundance Ion 136.00 (135.70 to 136.70): E

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

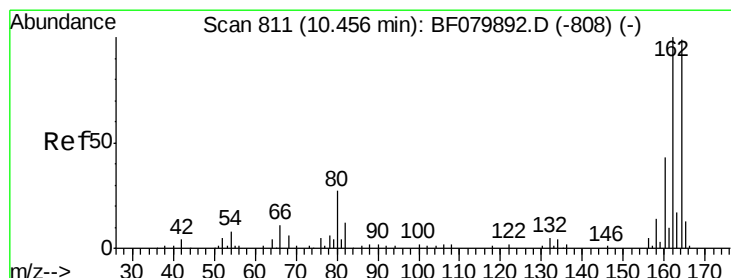
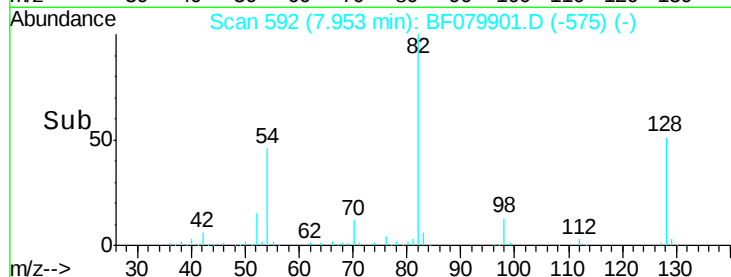
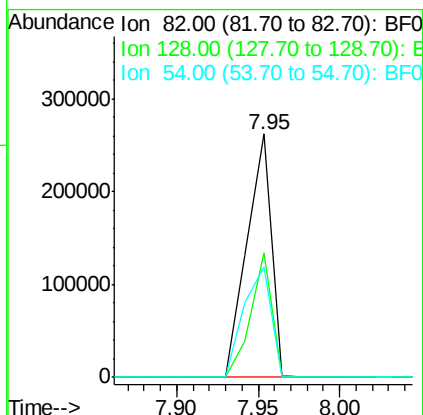
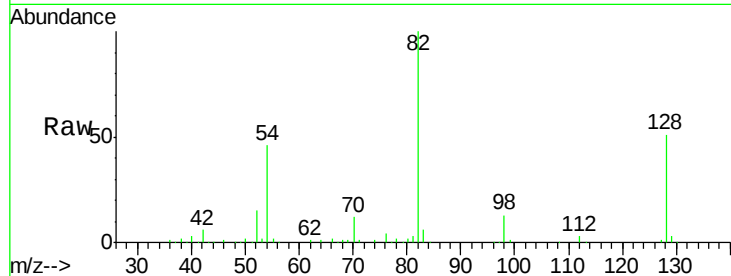




#23
 Nitrobenzene-d5
 Concen: 82.98 ng
 RT: 7.95 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF079901.D
 Acq: 11 Jun 2015 18:04

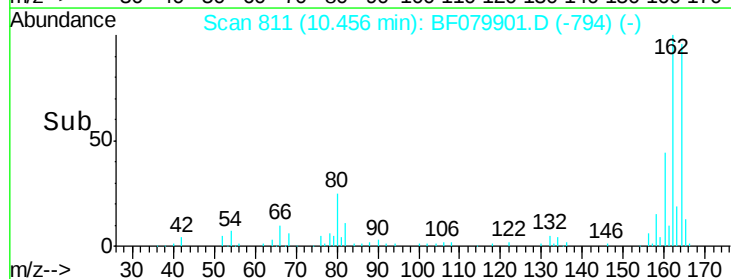
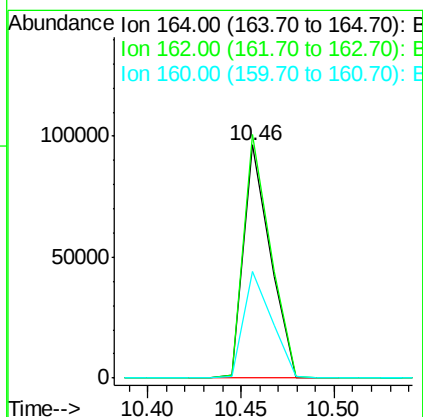
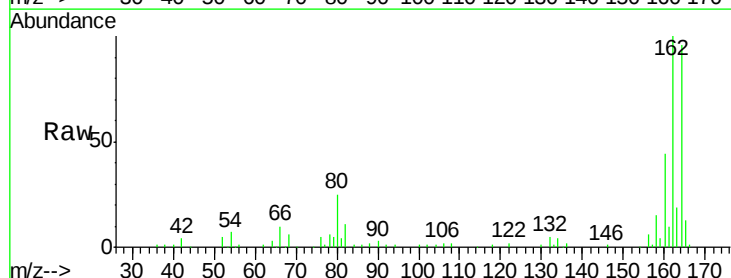
Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Tot Ion	82	Resp	272375
Ion Ratio	100	Lower	Upper
128	51.2	40.3	60.5
54	45.6	38.0	57.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.46 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF079901.D
 Acq: 11 Jun 2015 18:04

Tgt Ion	164	Resp	95891
Ion Ratio	100	Lower	Upper
162	104.6	80.7	121.1
160	46.1	34.6	51.8

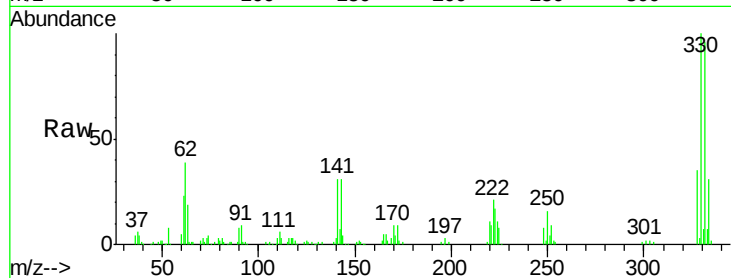




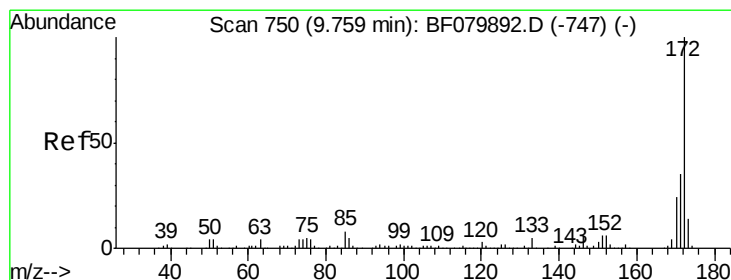
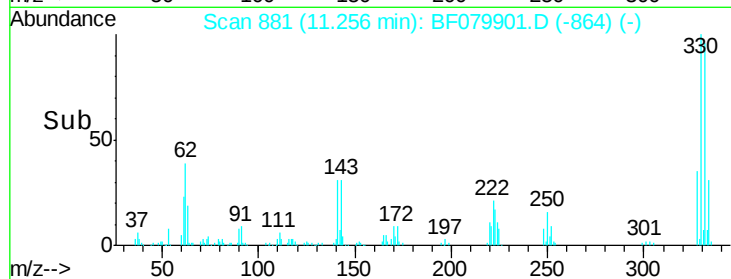
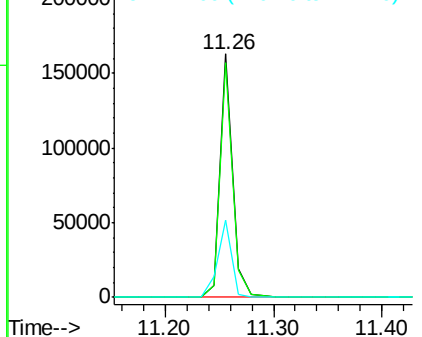
#41
 2,4,6-Tribromophenol
 Concen: 155.61 ng
 RT: 11.26 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BF079901.D
 Acq: 11 Jun 2015 18:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	34.9	26.8	40.2

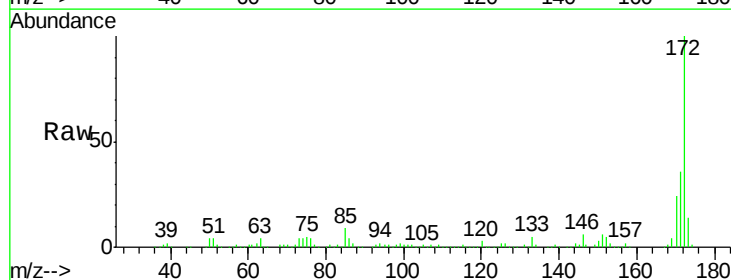


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

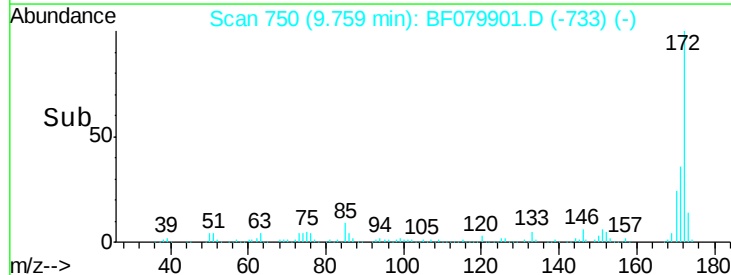
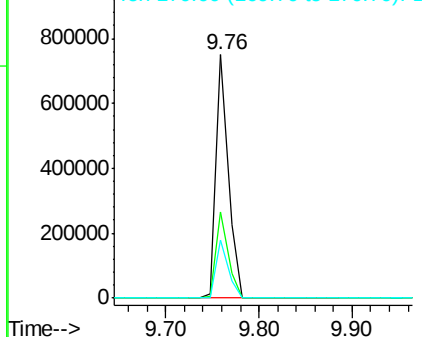


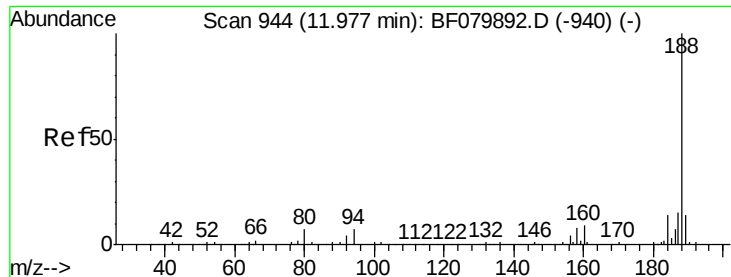
#44
 2-Fluorobiphenyl
 Concen: 100.70 ng
 RT: 9.76 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF079901.D
 Acq: 11 Jun 2015 18:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	23.9	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

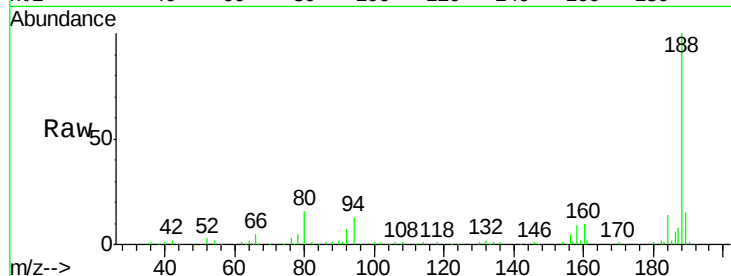




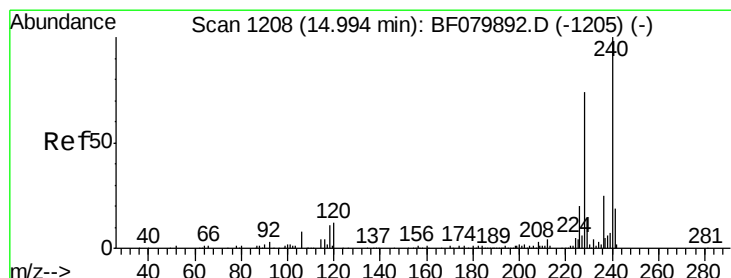
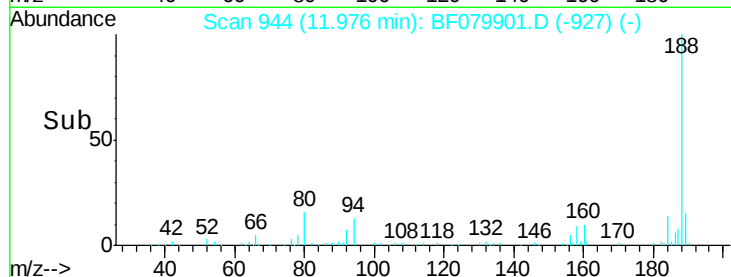
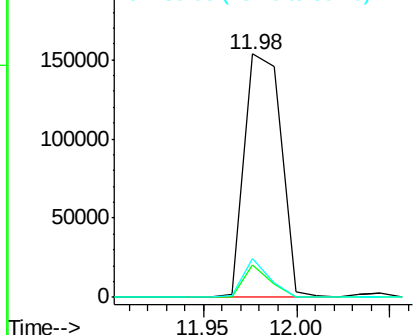
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.98 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Instrument :
BNA_F
ClientSampleId :
MW-17

Tot Ion:188 Resp: 209679
Ion Ratio Lower Upper
188 100
94 13.2 5.8 8.8#
80 15.7 5.9 8.9#

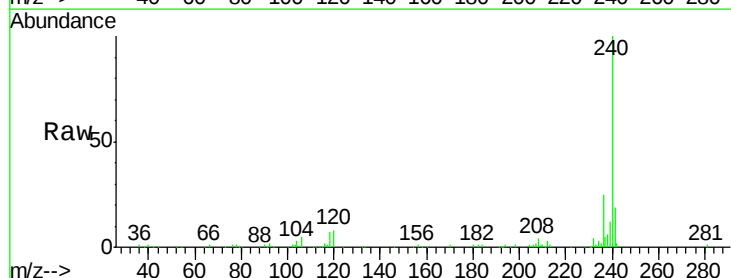


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

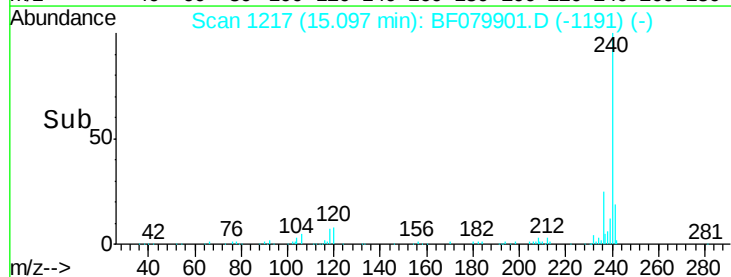
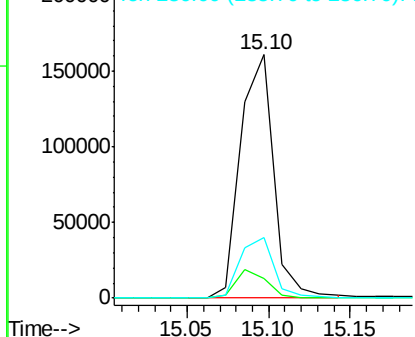


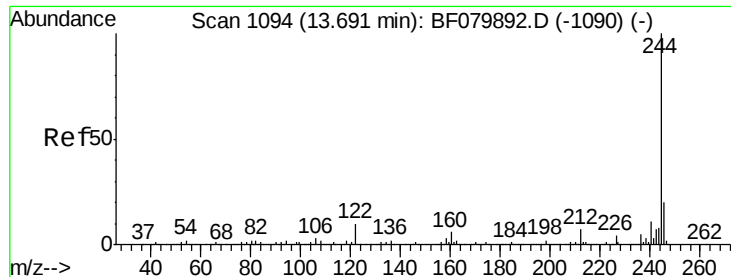
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1217
Delta R.T. 0.10 min
Lab File: BF079901.D
Acq: 11 Jun 2015 18:04

Tgt Ion:240 Resp: 227640
Ion Ratio Lower Upper
240 100
120 8.2 9.4 14.2#
236 24.8 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: 93.14 ng

RT: 13.75 min Scan# 1099

Delta R.T. 0.06 min

Lab File: BF079901.D

Acq: 11 Jun 2015 18:04

Instrument :

BNA_F

ClientSampleId :

MW-17

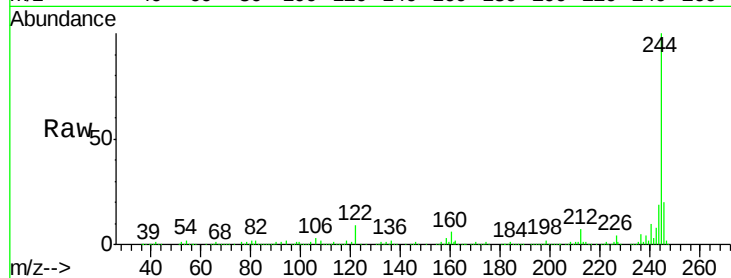
Tot Ion:244 Resp: 933108

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

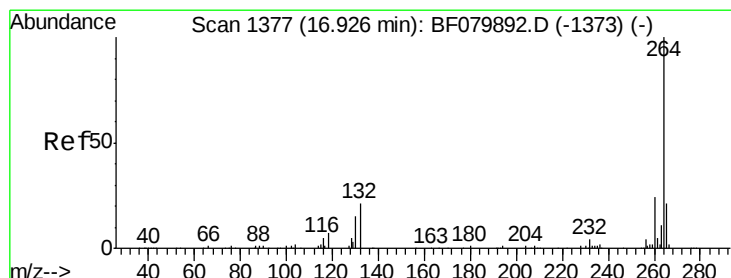
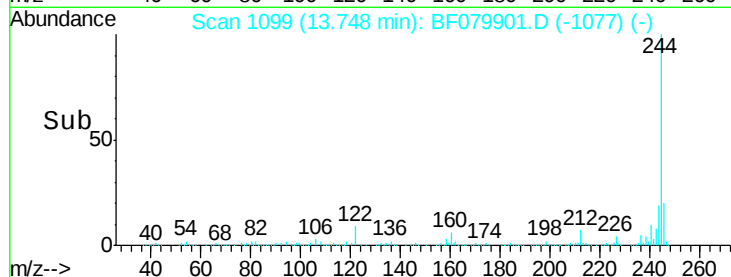
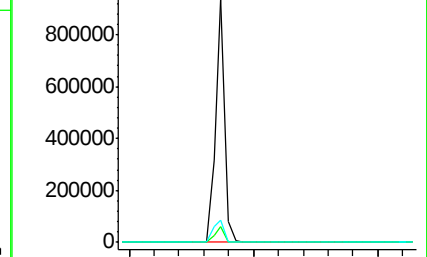
122 9.1 7.8 11.8



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: 17.07 min Scan# 1390

Delta R.T. 0.15 min

Lab File: BF079901.D

Acq: 11 Jun 2015 18:04

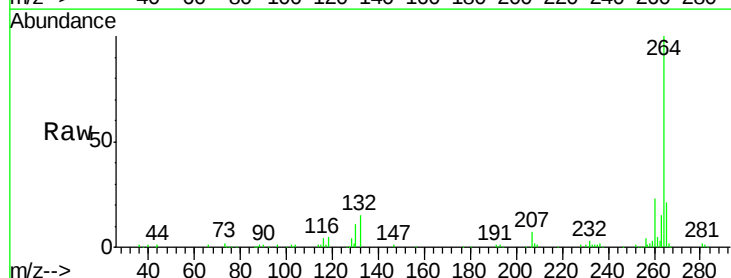
Tgt Ion:264 Resp: 212924

Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 20.9 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

