

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
 Data File : BF079258.D
 Acq On : 15 May 2015 6:18
 Operator : TP/IZ
 Sample : G2245-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TBTA-MW-2-GW

Quant Time: May 15 07:24:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 07:00:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.21	152	51040	20.00	ng	-0.01
21) Naphthalene-d8	8.79	136	210493	20.00	ng	-0.01
38) Acenaphthene-d10	10.97	164	98350	20.00	ng	0.00
63) Phenanthrene-d10	12.81	188	192399	20.00	ng	0.00
75) Chrysene-d12	16.10	240	210543	20.00	ng	0.00
86) Perylene-d12	17.89	264	225035	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	198942m	67.09	ng	0.00
7) Phenol-d6	6.78	99	162869	41.56	ng	-0.01
23) Nitrobenzene-d5	7.91	82	315558	86.16	ng	0.00
41) 2,4,6-Tribromophenol	11.95	330	162581	152.81	ng	0.00
44) 2-Fluorobiphenyl	10.14	172	635040	89.96	ng	0.00
78) Terphenyl-d14	14.81	244	772754	87.87	ng	0.00

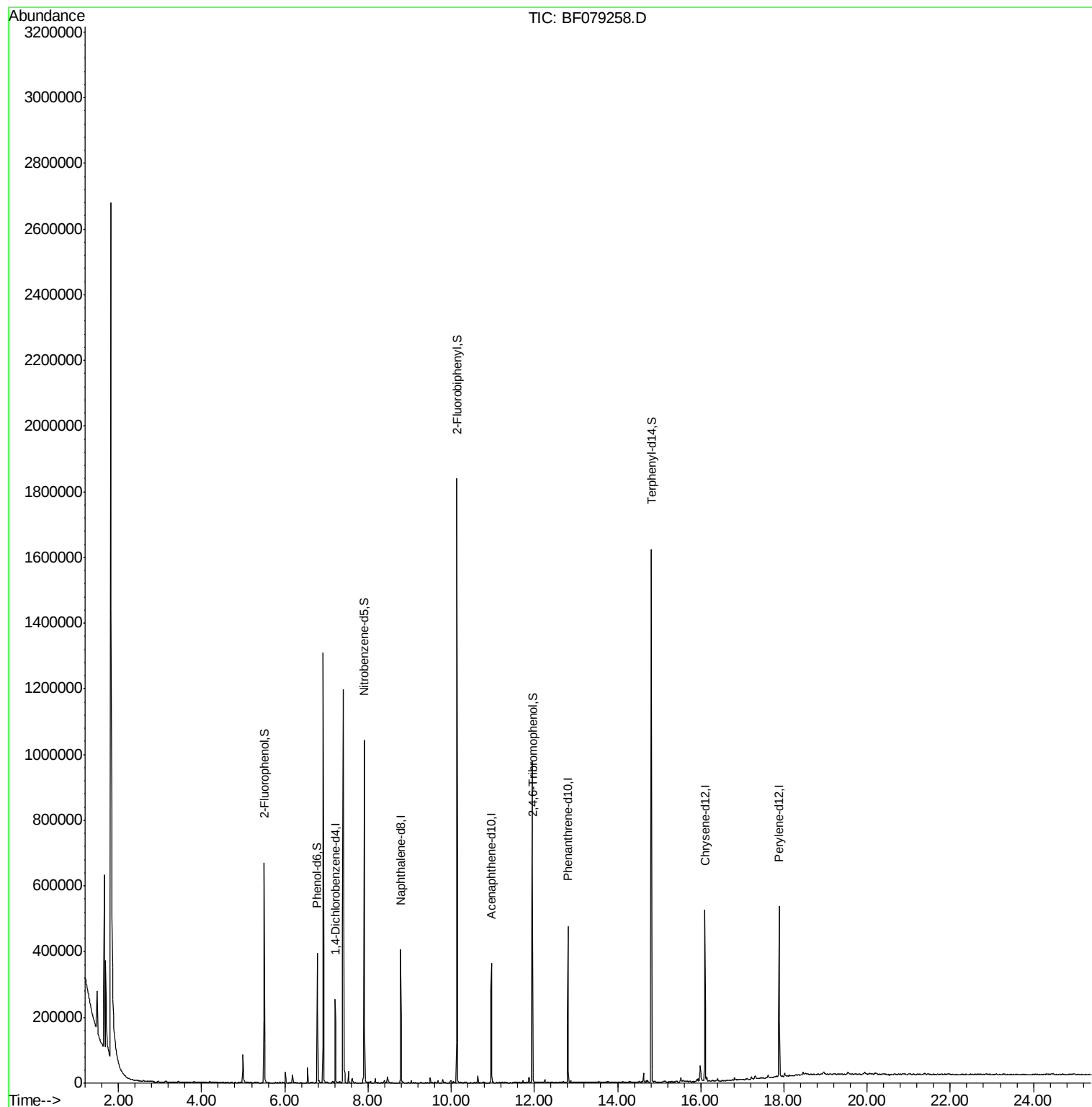
Target Compounds Qvalue

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

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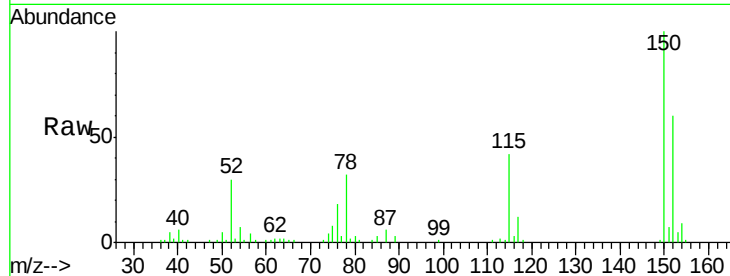




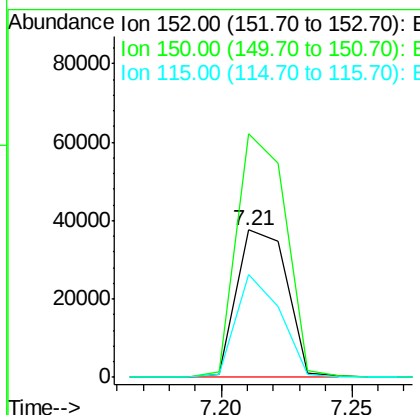
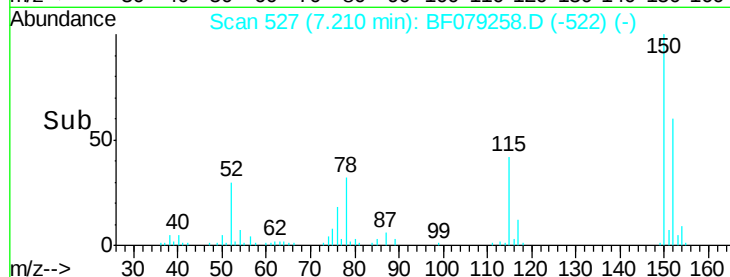
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.21 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: BF079258.D
 Acq: 15 May 2015 6:18

Instrument :
 BNA_F
 ClientSampleId :
 TBTA-MW-2-GW

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.4	123.8	185.8
115	70.0	49.4	74.0

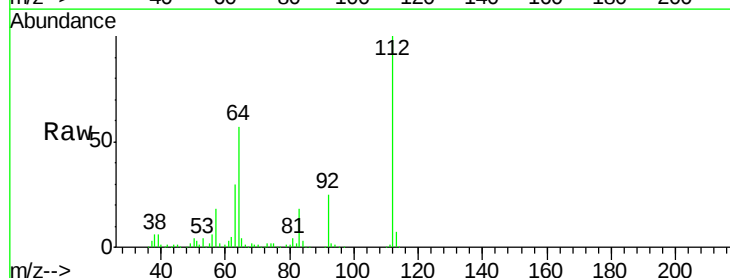


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

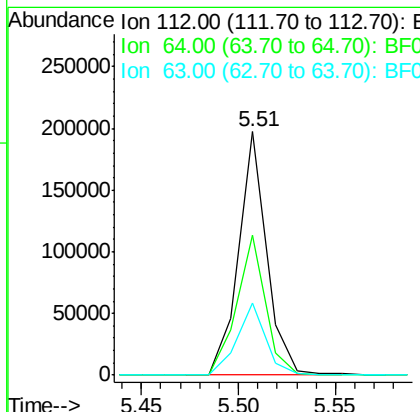
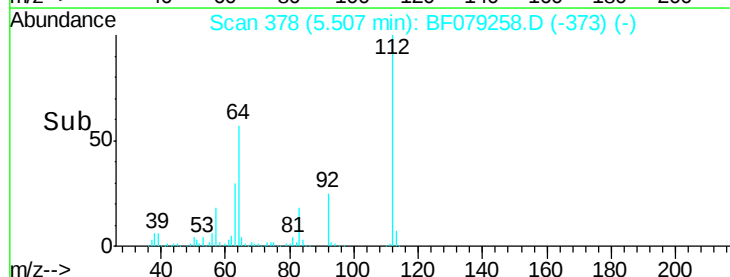


#5
 2-Fluorophenol
 Concen: 67.09 ng m
 RT: 5.51 min Scan# 378
 Delta R.T. 0.00 min
 Lab File: BF079258.D
 Acq: 15 May 2015 6:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	44.2	66.2
63	29.6	22.7	34.1



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: 41.56 ng

RT: 6.78 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF079258.D

Acq: 15 May 2015 6:18

Instrument :

BNA_F

ClientSampleId :

TBTA-MW-2-GW

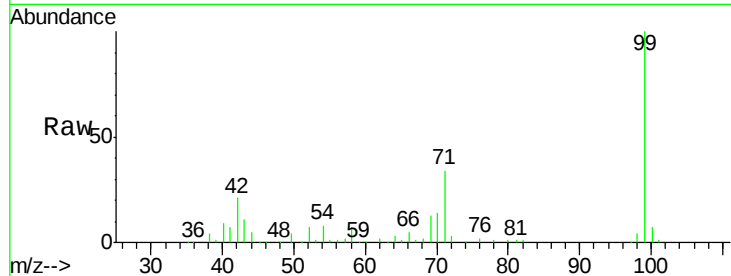
Tot Ion: 99 Resp: 162869

Ion Ratio Lower Upper

99 100

42 21.5 17.1 25.7

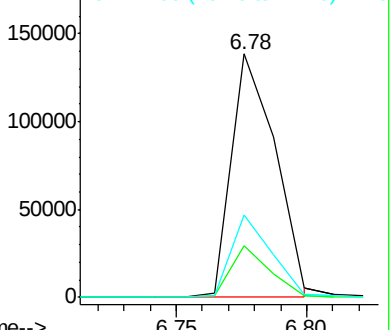
71 33.9 26.3 39.5



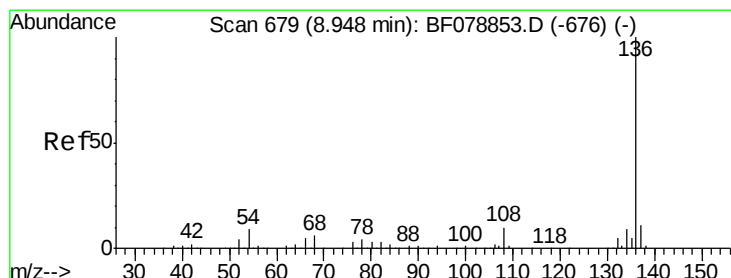
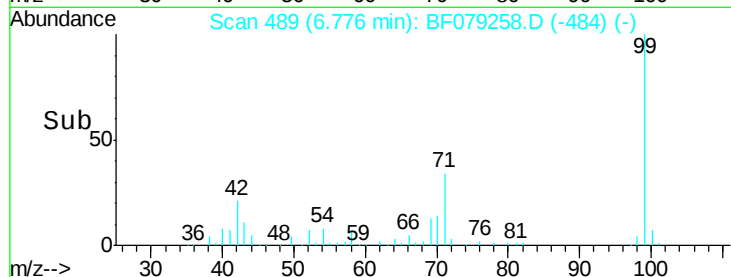
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.79 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF079258.D

Acq: 15 May 2015 6:18

Tgt Ion: 136 Resp: 210493

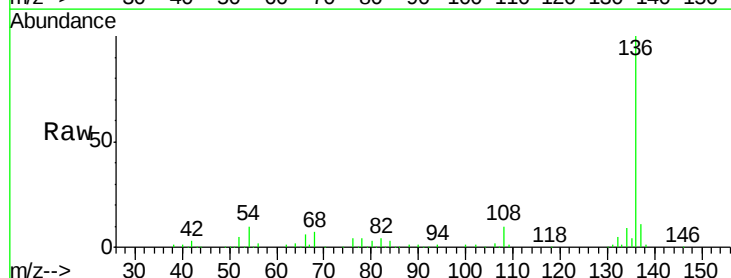
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.6 6.9 10.3

68 7.1 4.9 7.3

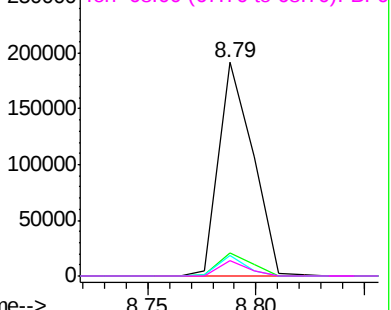


Abundance Ion 136.00 (135.70 to 136.70): E

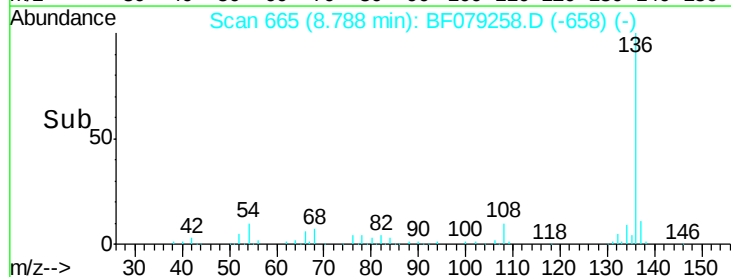
Ion 137.00 (136.70 to 137.70): E

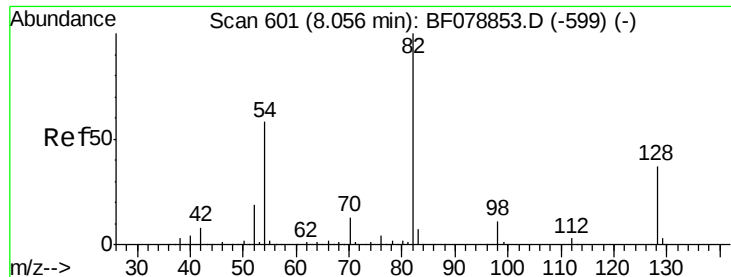
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

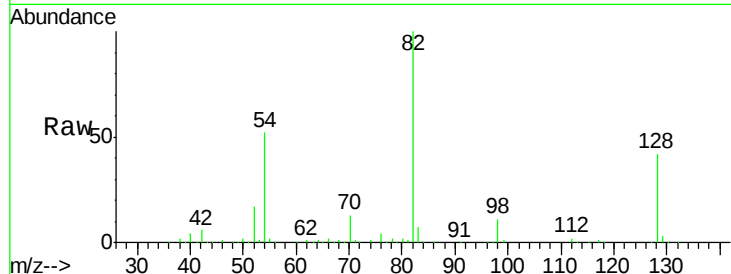




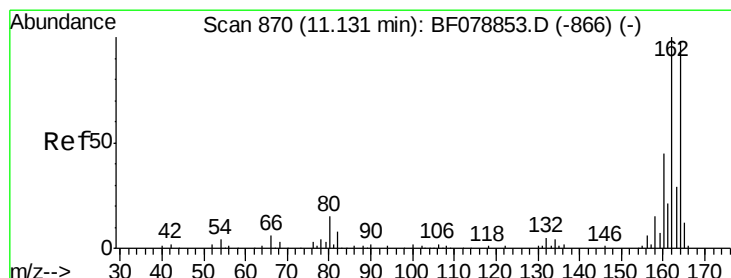
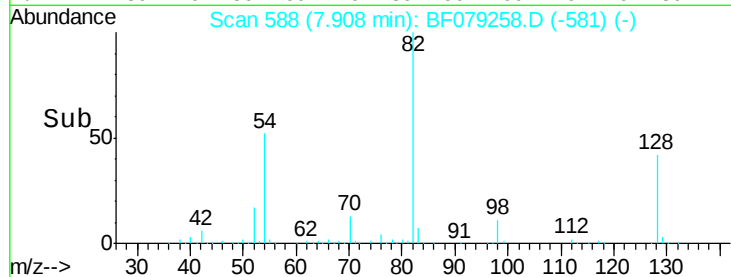
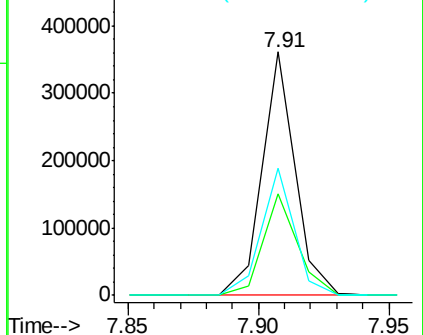
#23
Nitrobenzene-d5
Concen: 86.16 ng
RT: 7.91 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF079258.D
Acq: 15 May 2015 6:18

Instrument :
BNA_F
ClientSampleId :
TBTA-MW-2-GW

Tot Ion: 82 Resp: 315558
Ion Ratio Lower Upper
82 100
128 41.6 29.7 44.5
54 52.3 46.2 69.4

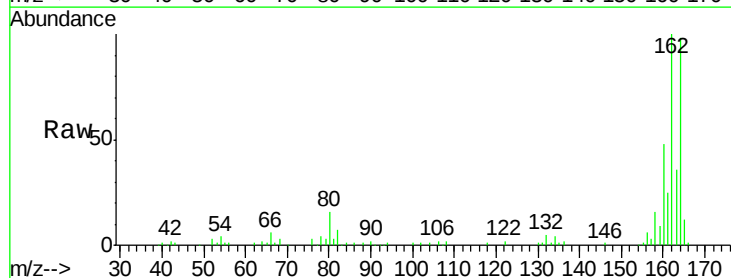


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

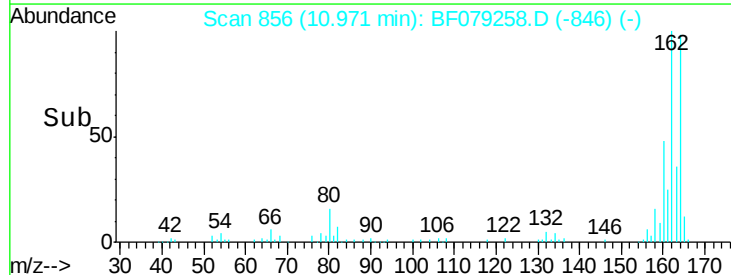
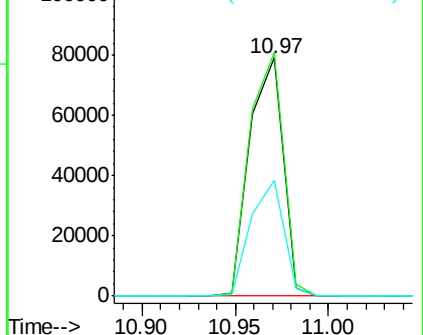


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF079258.D
Acq: 15 May 2015 6:18

Tgt Ion: 164 Resp: 98350
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.0
160 48.8 36.6 54.8



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

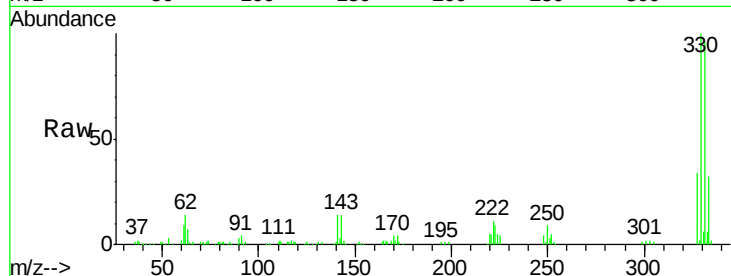




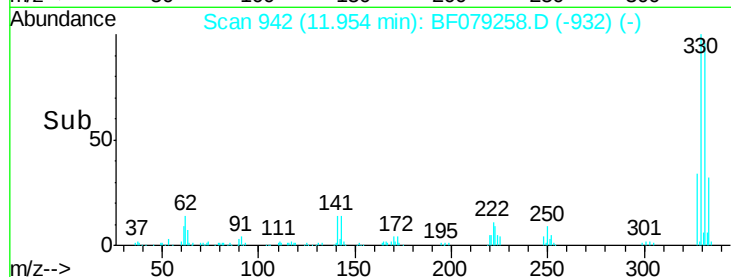
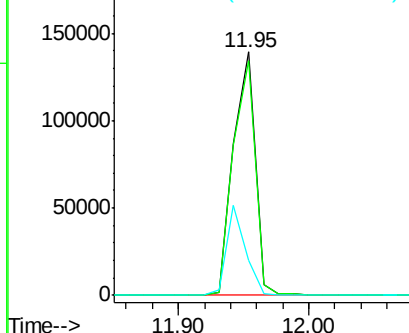
#41
 2,4,6-Tribromophenol
 Concen: 152.81 ng
 RT: 11.95 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF079258.D
 Acq: 15 May 2015 6:18

Instrument :
 BNA_F
 ClientSampleId :
 TBTA-MW-2-GW

Tot Ion:330 Resp: 162581
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.9 115.3
 141 32.0 27.8 41.8

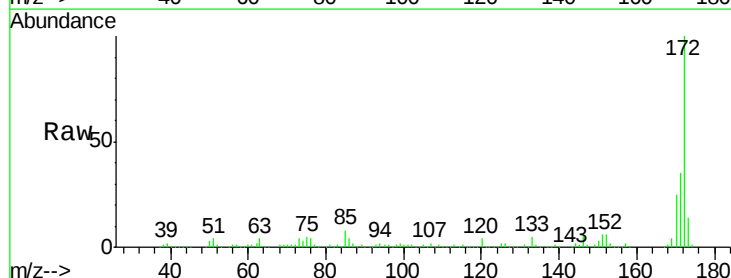


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

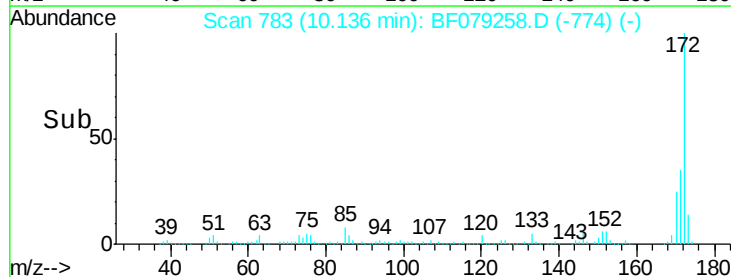
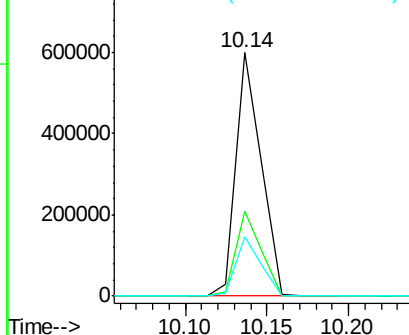


#44
 2-Fluorobiphenyl
 Concen: 89.96 ng
 RT: 10.14 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF079258.D
 Acq: 15 May 2015 6:18

Tgt Ion:172 Resp: 635040
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.3 42.5
 170 24.6 19.4 29.2



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

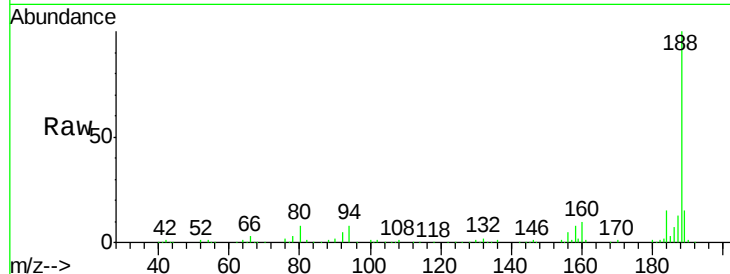




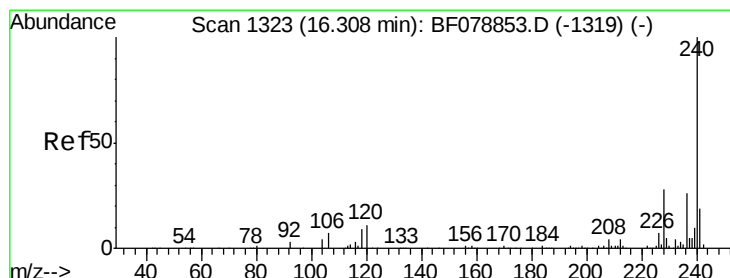
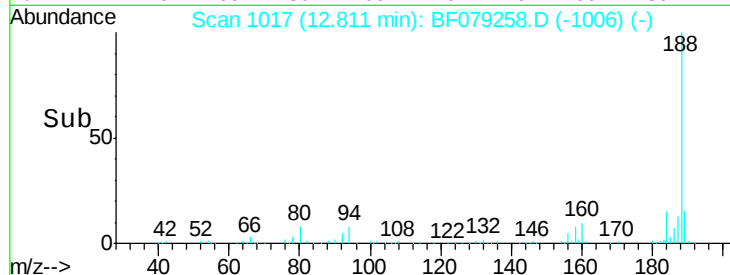
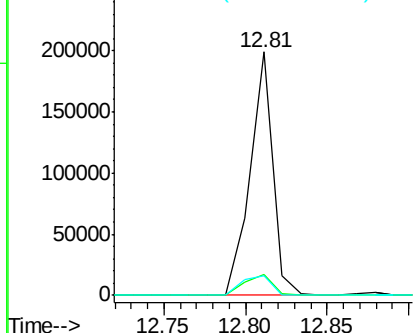
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF079258.D
Acq: 15 May 2015 6:18

Instrument :
BNA_F
ClientSampleId :
TBTA-MW-2-GW

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	9.4	14.0#
80	8.3	9.8	14.6#

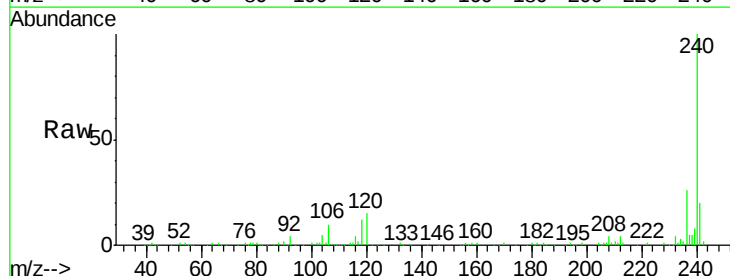


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

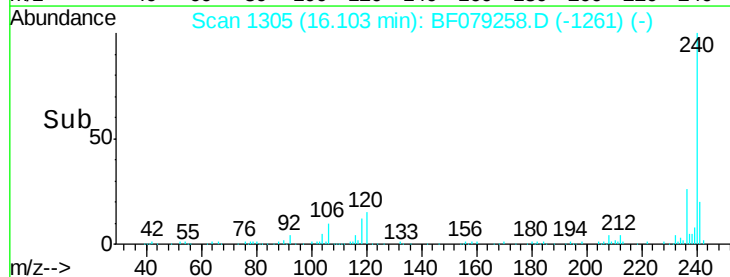
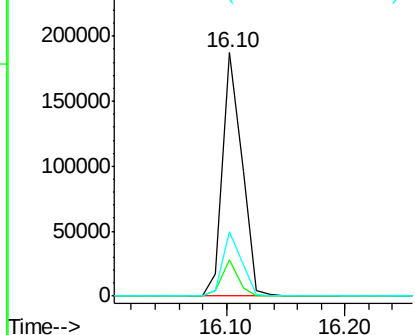


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.10 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF079258.D
Acq: 15 May 2015 6:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.8	8.6	12.8#
236	26.4	21.0	31.6



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: 87.87 ng

RT: 14.81 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF079258.D

Acq: 15 May 2015 6:18

Instrument :

BNA_F

ClientSampleId :

TBTA-MW-2-GW

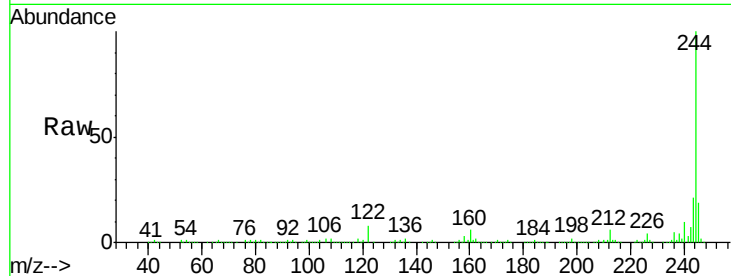
Tot Ion:244 Resp: 772754

Ion Ratio Lower Upper

244 100

212 6.2 5.6 8.4

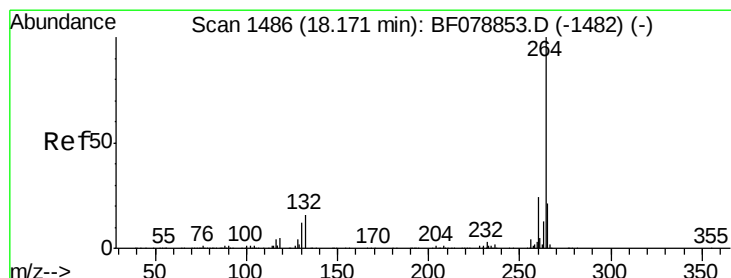
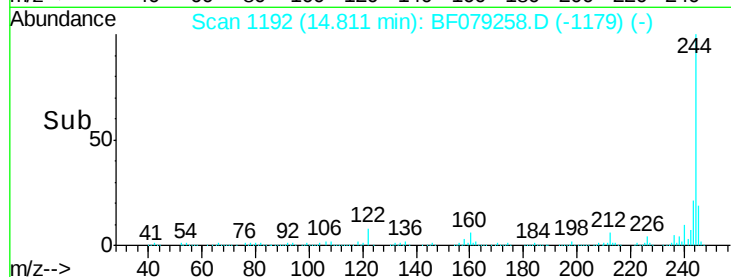
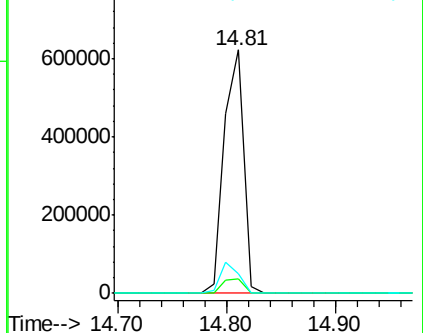
122 8.0 10.5 15.7#



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. 0.07 min

Lab File: BF079258.D

Acq: 15 May 2015 6:18

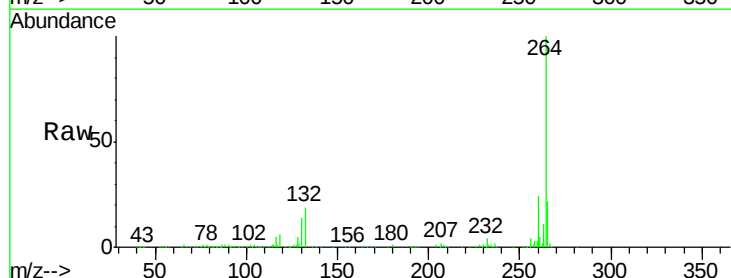
Tgt Ion:264 Resp: 225035

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.5 17.2 25.8



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

