

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
 Data File : BF079257.D
 Acq On : 15 May 2015 5:45
 Operator : TP/IZ
 Sample : G2245-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TBTA-MW-1-GW

Quant Time: May 15 07:03:28 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 06:46:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	49037	20.00	ng	0.00
21) Naphthalene-d8	8.79	136	202300	20.00	ng	-0.01
38) Acenaphthene-d10	10.96	164	96438	20.00	ng	-0.01
63) Phenanthrene-d10	12.81	188	190160	20.00	ng	0.00
75) Chrysene-d12	16.09	240	205377	20.00	ng	-0.01
86) Perylene-d12	17.81	264	214947	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	187225m	65.72	ng	0.00
7) Phenol-d6	6.78	99	153028	40.64	ng	-0.01
23) Nitrobenzene-d5	7.91	82	318285	90.42	ng	0.00
41) 2,4,6-Tribromophenol	11.95	330	163997	157.19	ng	0.00
44) 2-Fluorobiphenyl	10.14	172	638960	92.31	ng	0.00
78) Terphenyl-d14	14.81	244	801103	93.39	ng	0.00

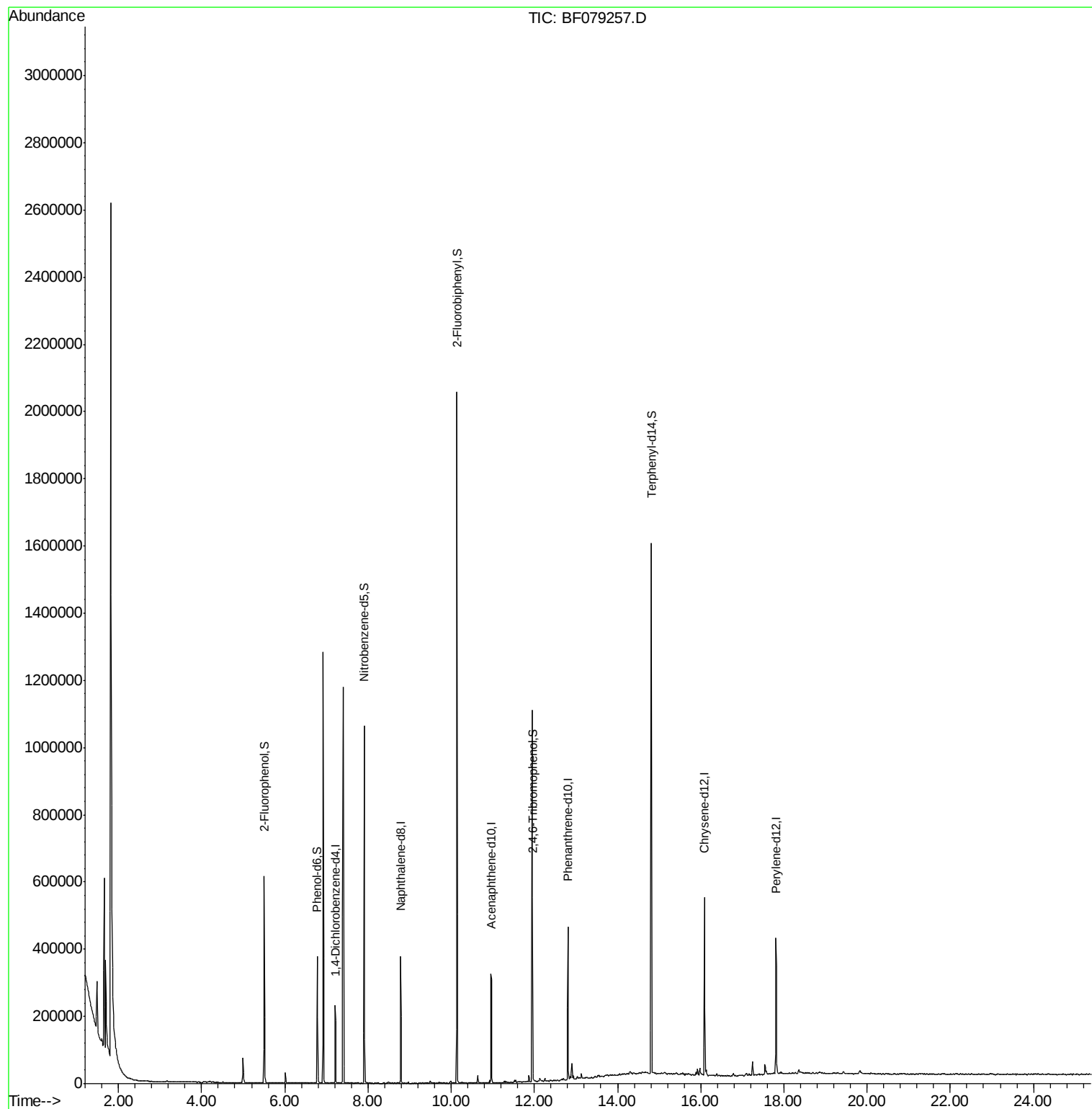
Target Compounds Qvalue

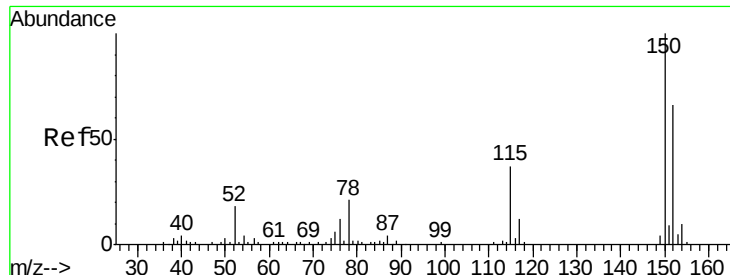
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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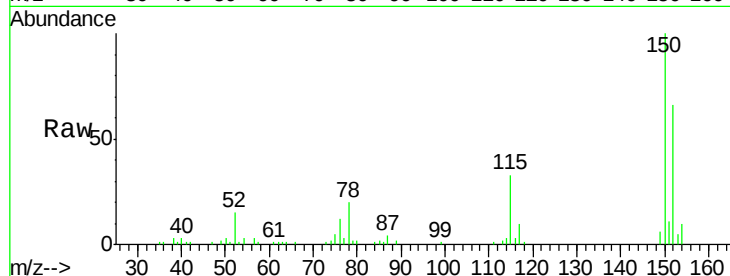




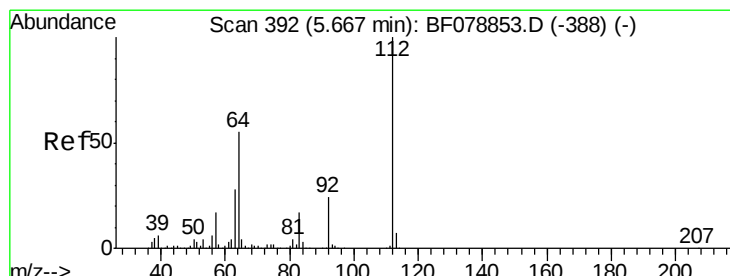
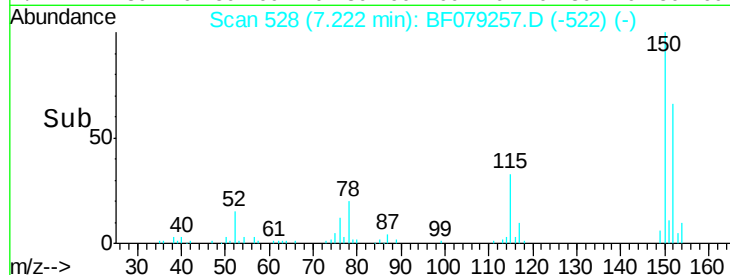
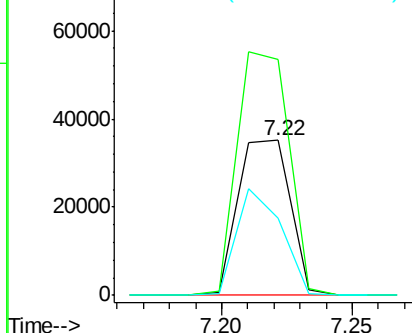
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.22 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: BF079257.D
 Acq: 15 May 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 TBTA-MW-1-GW

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	123.8	185.8
115	49.7	49.4	74.0

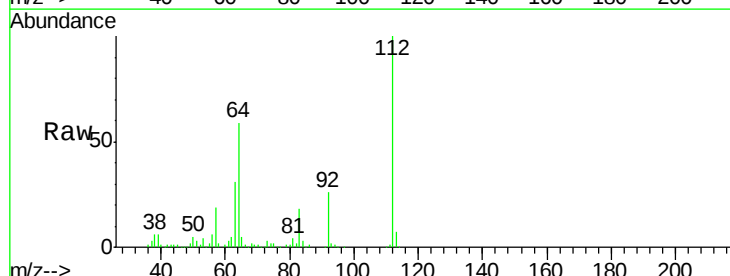


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

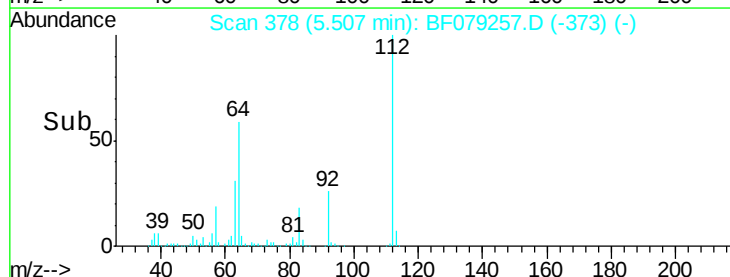
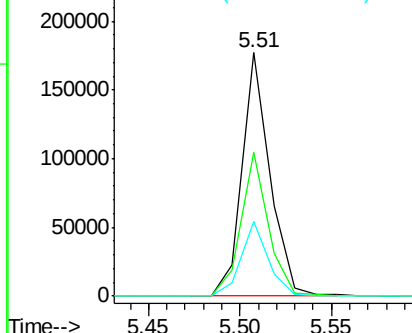


#5
 2-Fluorophenol
 Concen: 65.72 ng m
 RT: 5.51 min Scan# 378
 Delta R.T. 0.00 min
 Lab File: BF079257.D
 Acq: 15 May 2015 5:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	44.2	66.2
63	30.6	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: 40.64 ng

RT: 6.78 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF079257.D

Acq: 15 May 2015 5:45

Instrument :

BNA_F

ClientSampleId :

TBTA-MW-1-GW

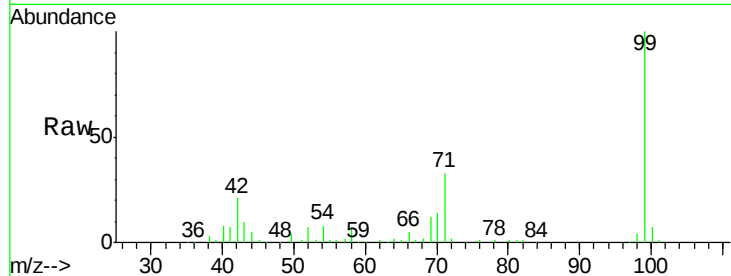
Tot Ion: 99 Resp: 153028

Ion Ratio Lower Upper

99 100

42 20.5 17.1 25.7

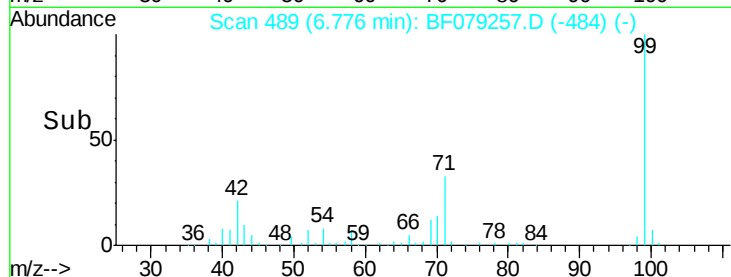
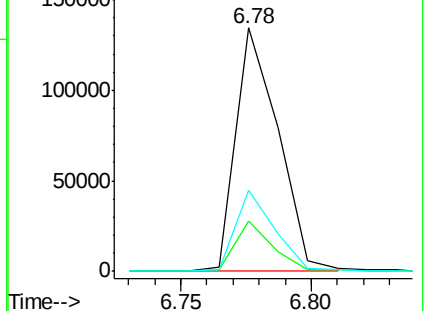
71 33.2 26.3 39.5



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.79 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF079257.D

Acq: 15 May 2015 5:45

Tgt Ion: 136 Resp: 202300

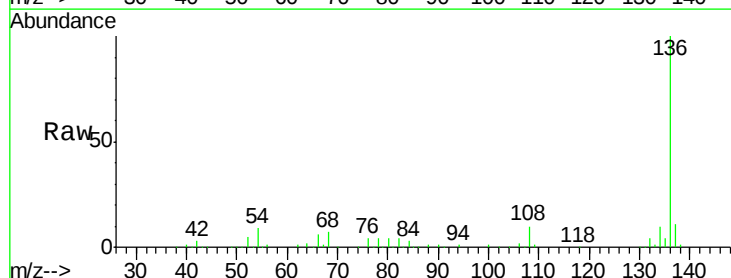
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 9.1 6.9 10.3

68 6.7 4.9 7.3

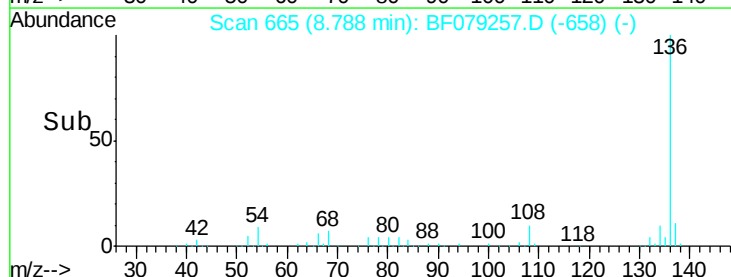
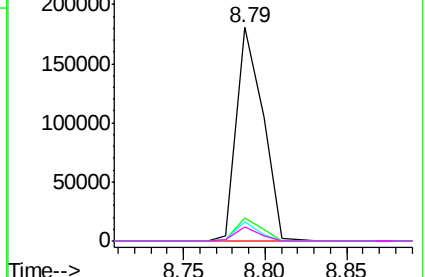


Abundance Ion 136.00 (135.70 to 136.70): E

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

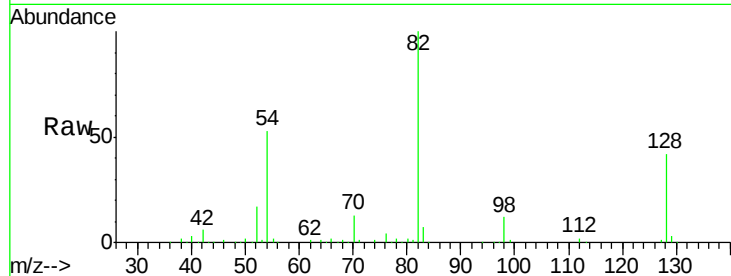




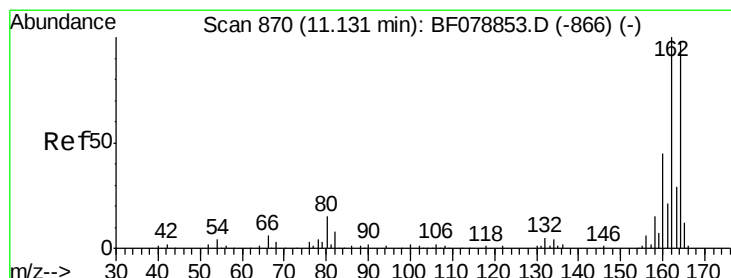
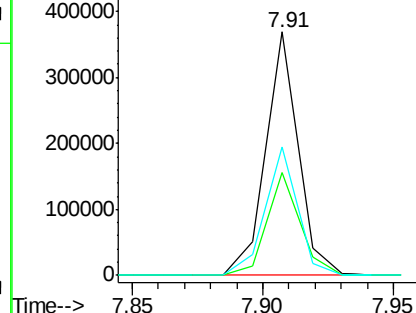
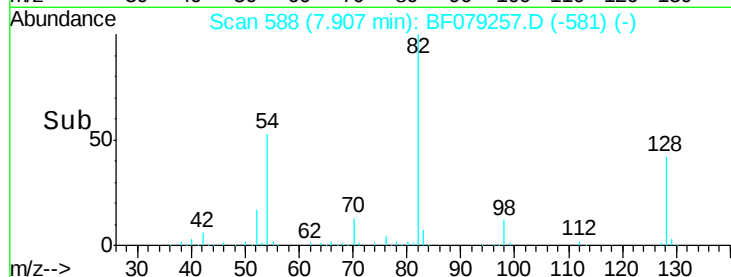
#23
 Nitrobenzene-d5
 Concen: 90.42 ng
 RT: 7.91 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF079257.D
 Acq: 15 May 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 TBTA-MW-1-GW

Tot Ion	82	Resp	318285
Ion Ratio	100	Lower	Upper
128	42.1	29.7	44.5
54	52.8	46.2	69.4

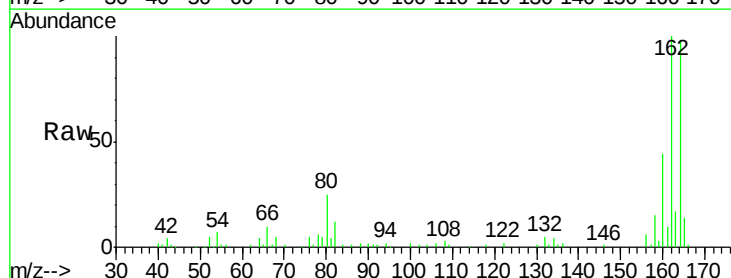


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

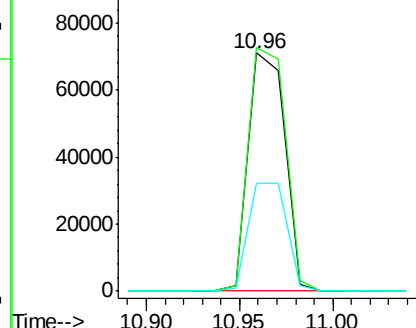
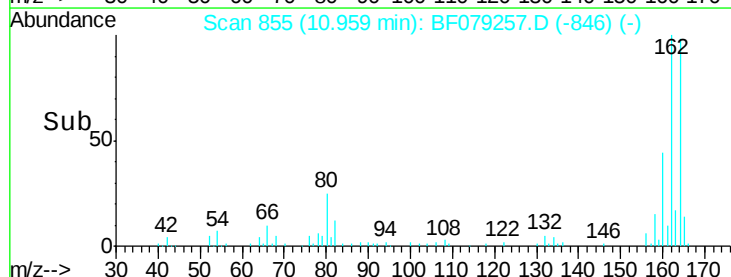


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.96 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF079257.D
 Acq: 15 May 2015 5:45

Tgt Ion	164	Resp	96438
Ion Ratio	100	Lower	Upper
162	102.2	81.4	122.0
160	45.2	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

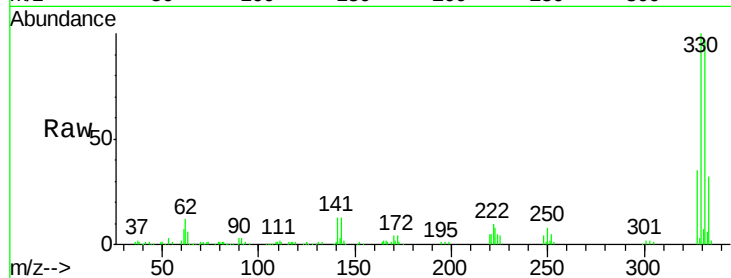




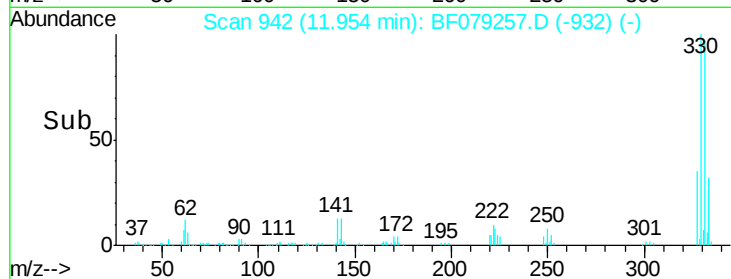
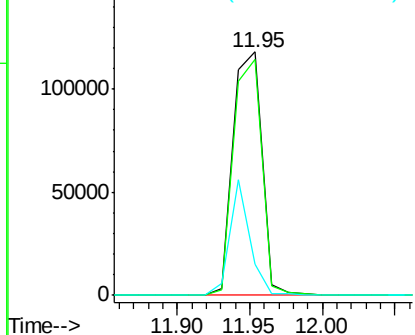
#41
 2,4,6-Tribromophenol
 Concen: 157.19 ng
 RT: 11.95 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF079257.D
 Acq: 15 May 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 TBTA-MW-1-GW

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.9	115.3
141	32.9	27.8	41.8

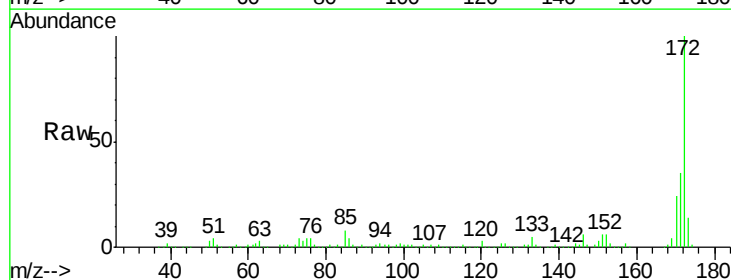


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

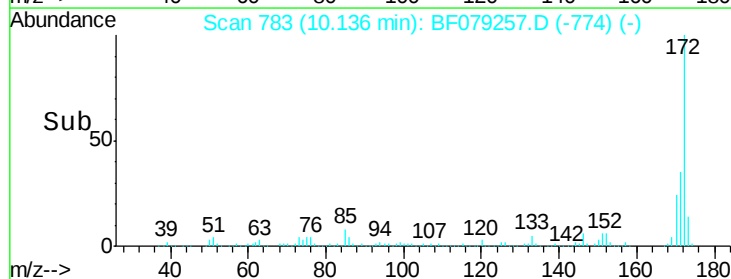
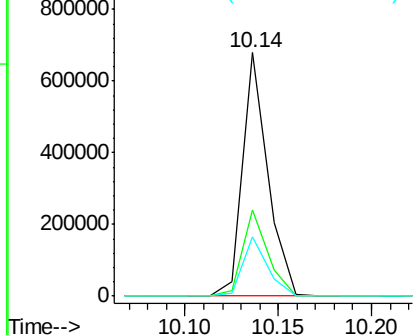


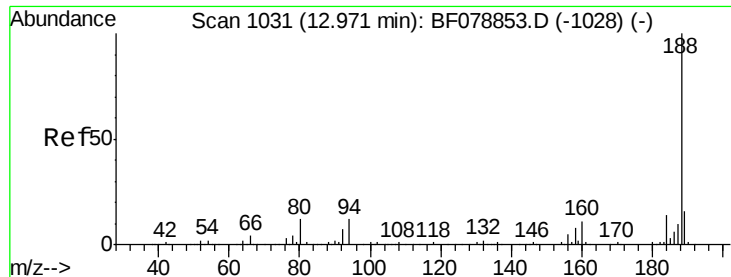
#44
 2-Fluorobiphenyl
 Concen: 92.31 ng
 RT: 10.14 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF079257.D
 Acq: 15 May 2015 5:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.3	42.5
170	24.4	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

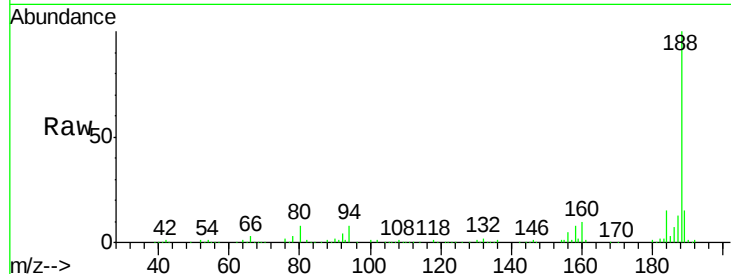




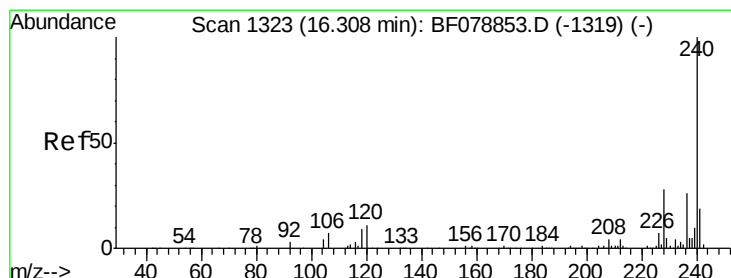
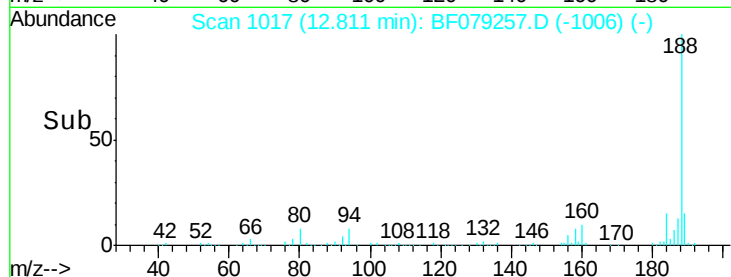
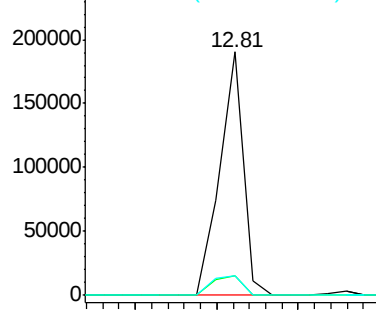
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF079257.D
Acq: 15 May 2015 5:45

Instrument :
BNA_F
ClientSampleId :
TBTA-MW-1-GW

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.2	9.4	14.0#
80	8.3	9.8	14.6#

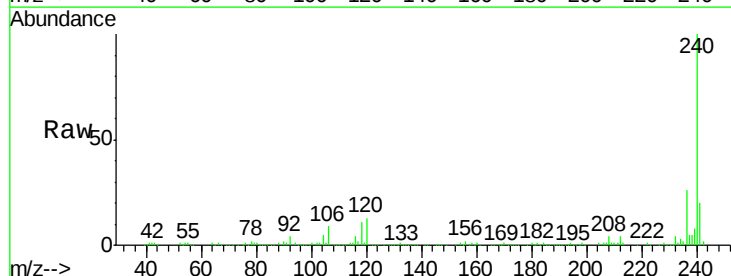


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

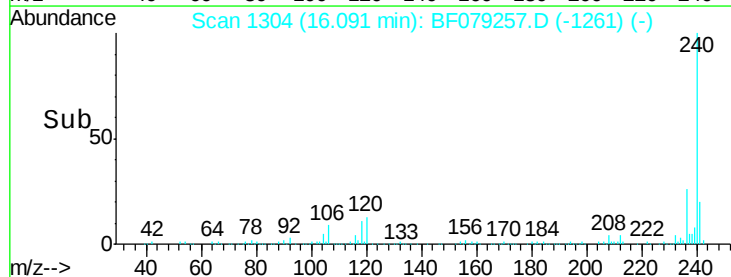
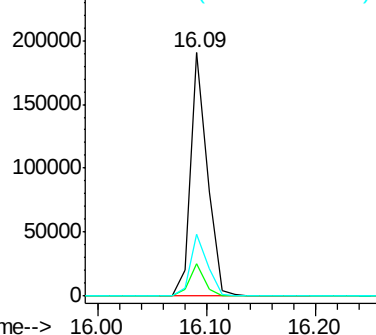


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF079257.D
Acq: 15 May 2015 5:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.4	8.6	12.8#
236	25.6	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

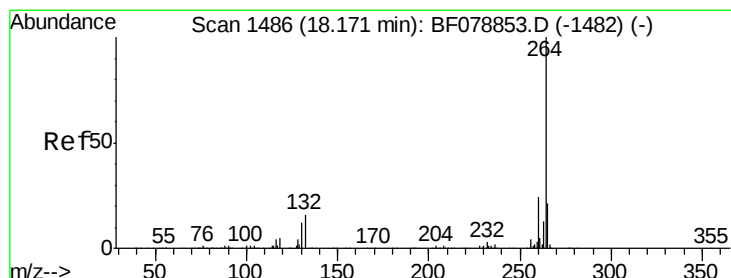
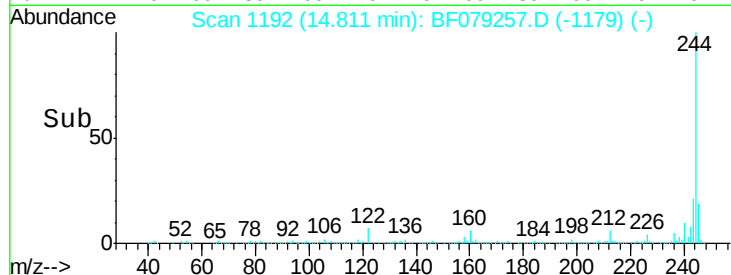
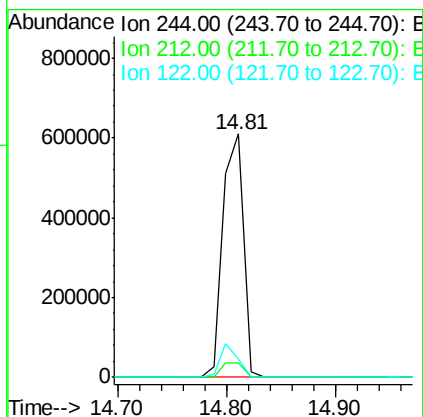
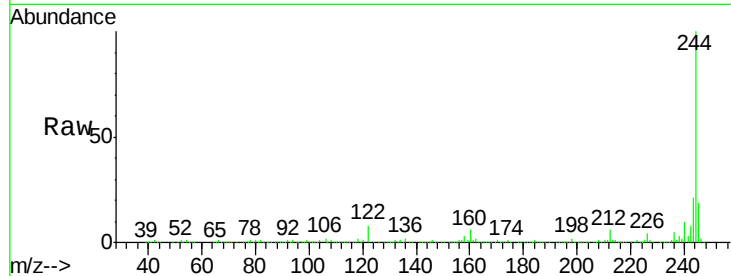




#78
 Terphenyl-d14
 Concen: 93.39 ng
 RT: 14.81 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF079257.D
 Acq: 15 May 2015 5:45

Instrument :
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 ClientSampleId :
 TBTA-MW-1-GW

Tot Ion:244 Resp: 801103
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.6 8.4
 122 7.6 10.5 15.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.81 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF079257.D
 Acq: 15 May 2015 5:45

Tgt Ion:264 Resp: 214947
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 21.9 17.2 25.8

