

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051915\
 Data File : BF079347.D
 Acq On : 19 May 2015 17:43
 Operator : TP/IZ
 Sample : G2265-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-12-5-14-15

Quant Time: May 20 01:09:02 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 00:50:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	41350	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	167618	20.00	ng	0.00
38) Acenaphthene-d10	10.87	164	85143	20.00	ng	-0.01
63) Phenanthrene-d10	12.71	188	168363	20.00	ng	-0.01
75) Chrysene-d12	16.00	240	175781	20.00	ng	-0.02
86) Perylene-d12	17.74	264	180657	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	122577	51.03	ng	-0.01
7) Phenol-d6	6.70	99	98548	31.04	ng	-0.01
23) Nitrobenzene-d5	7.82	82	230025	78.87	ng	-0.01
41) 2,4,6-Tribromophenol	11.85	330	138238	150.08	ng	-0.01
44) 2-Fluorobiphenyl	10.06	172	511371	83.68	ng	0.00
78) Terphenyl-d14	14.71	244	668274	91.02	ng	-0.01

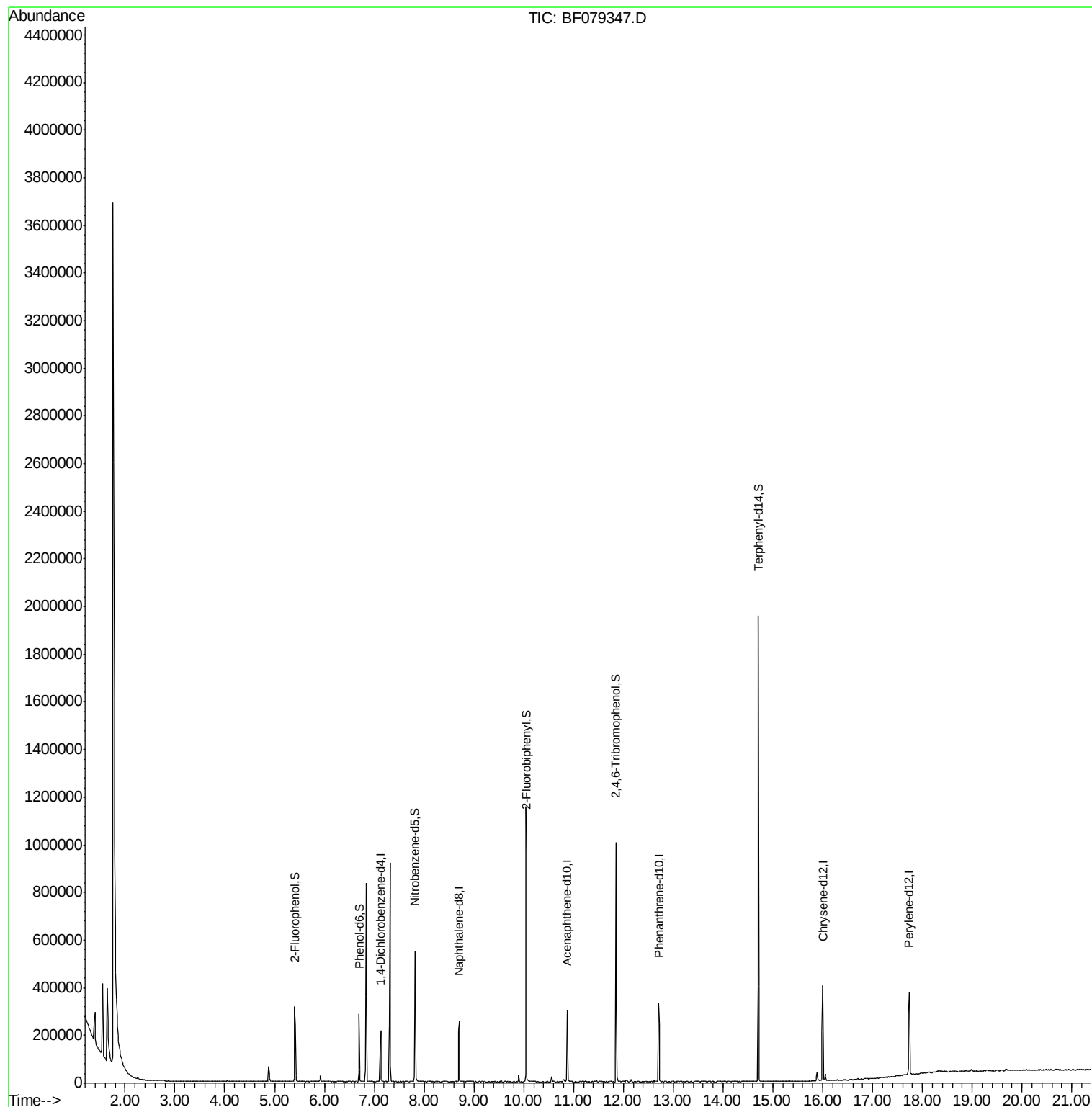
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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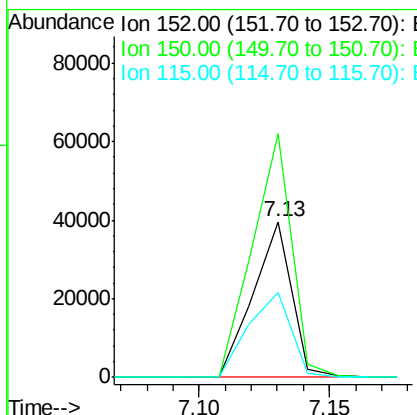
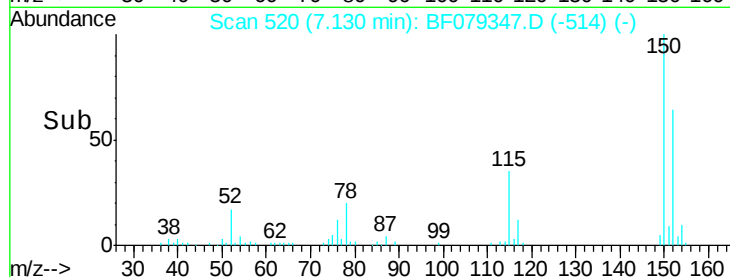
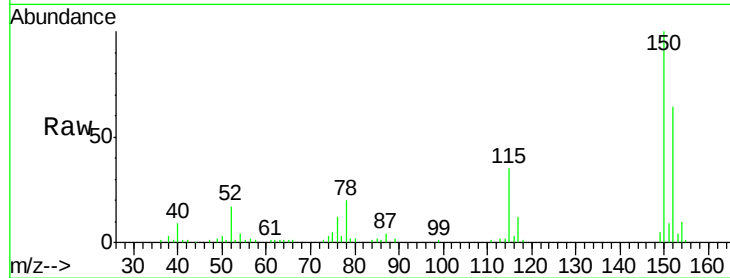




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.13 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF079347.D
 Acq: 19 May 2015 17:43

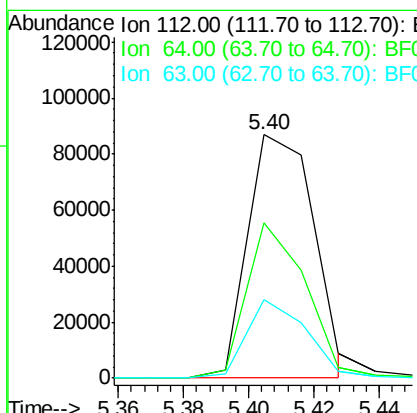
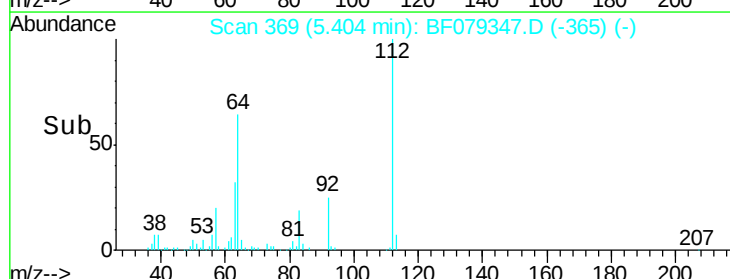
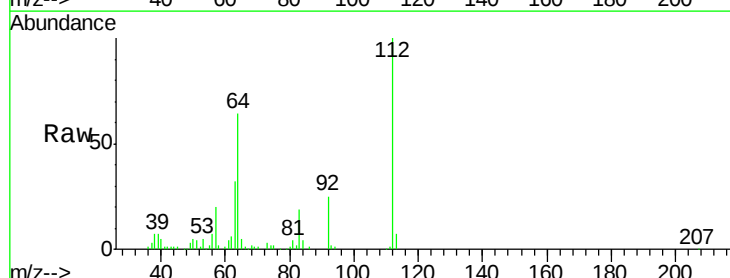
Instrument :
 BNA_F
 ClientSampleId :
 HW-12-5-14-15

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.8	185.8
115	54.3	49.4	74.0



#5
 2-Fluorophenol
 Concen: 51.03 ng
 RT: 5.40 min Scan# 369
 Delta R.T. -0.01 min
 Lab File: BF079347.D
 Acq: 19 May 2015 17:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	44.2	66.2
63	32.3	22.7	34.1





#7

Phenol-d6

Concen: 31.04 ng

RT: 6.70 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF079347.D

Acq: 19 May 2015 17:43

Instrument :

BNA_F

ClientSampleId :

HW-12-5-14-15

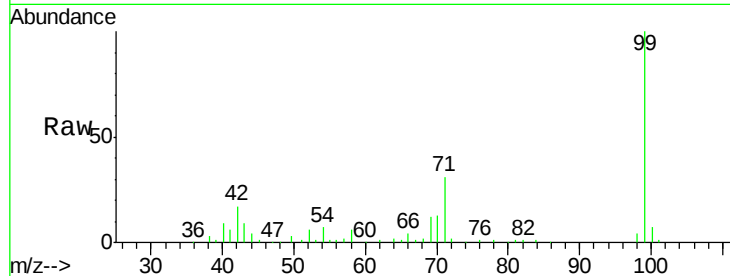
Tgt Ion: 99 Resp: 98548

Ion Ratio Lower Upper

99 100

42 17.3 17.1 25.7

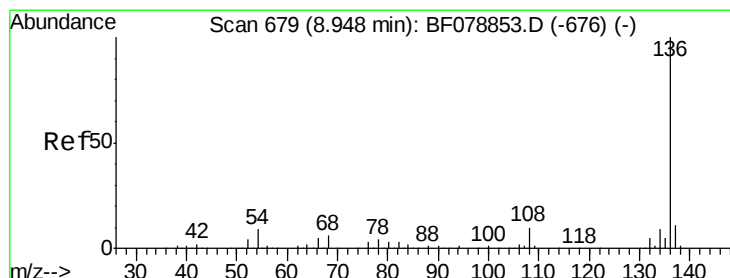
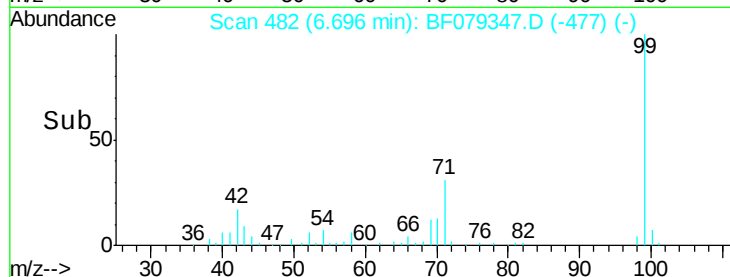
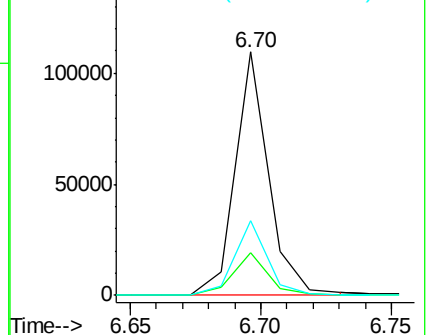
71 30.8 26.3 39.5



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: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079347.D

Acq: 19 May 2015 17:43

Tgt Ion: 136 Resp: 167618

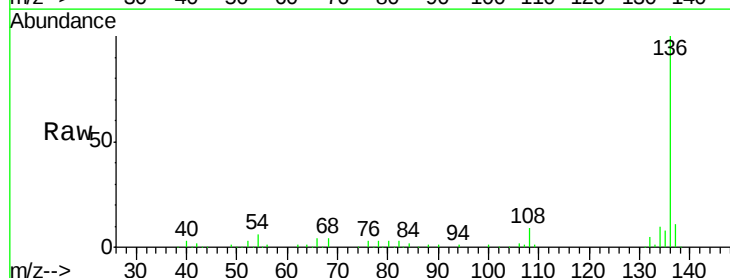
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 5.7 6.9 10.3#

68 4.5 4.9 7.3#

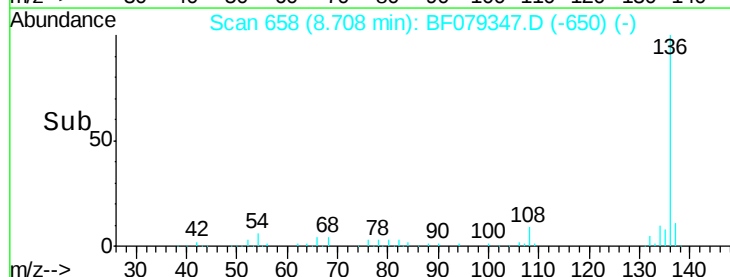
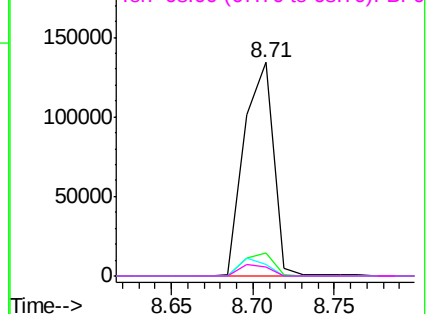


Abundance Ion 136.00 (135.70 to 136.70): E

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

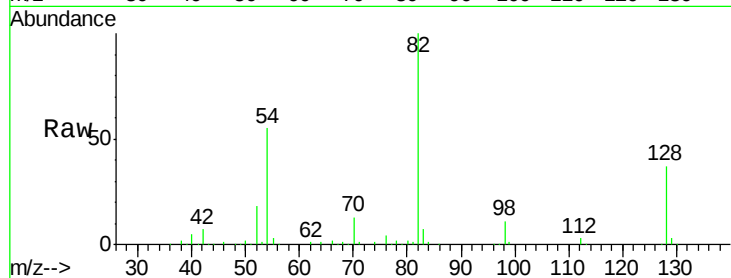




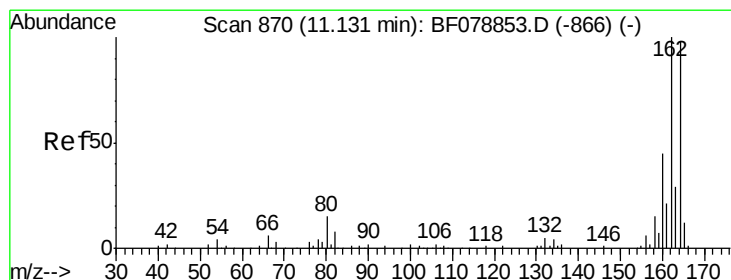
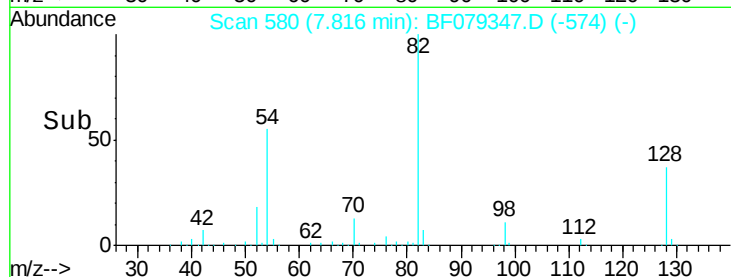
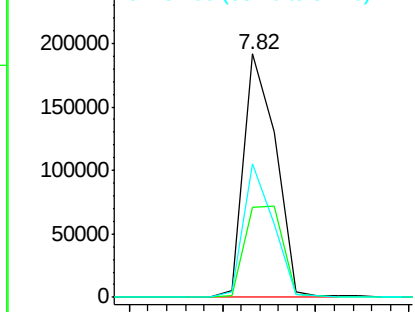
#23
 Nitrobenzene-d5
 Concen: 78.87 ng
 RT: 7.82 min Scan# 580
 Delta R.T. -0.01 min
 Lab File: BF079347.D
 Acq: 19 May 2015 17:43

Instrument :
 BNA_F
 ClientSampleId :
 HW-12-5-14-15

Tgt Ion: 82 Resp: 230025
 Ion Ratio Lower Upper
 82 100
 128 36.8 29.7 44.5
 54 55.0 46.2 69.4

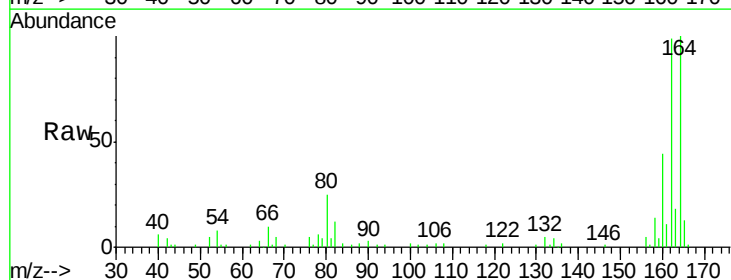


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

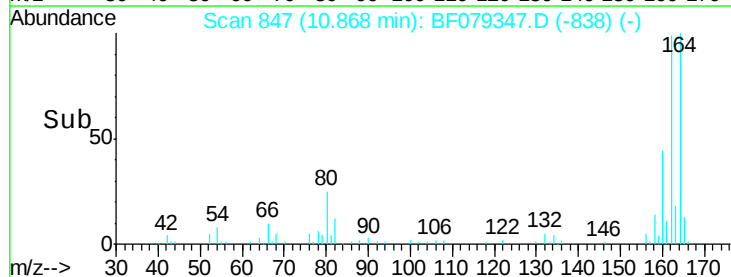
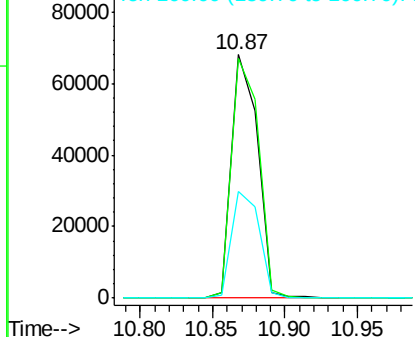


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.87 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BF079347.D
 Acq: 19 May 2015 17:43

Tgt Ion: 164 Resp: 85143
 Ion Ratio Lower Upper
 164 100
 162 98.7 81.4 122.0
 160 43.9 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

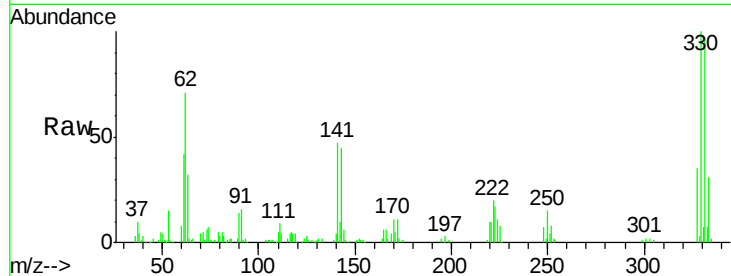




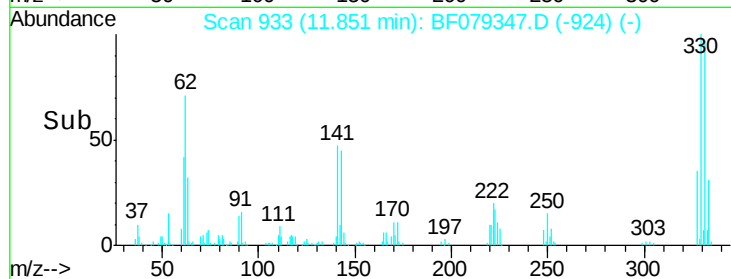
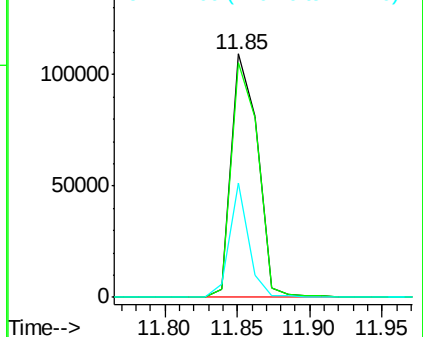
#41
 2,4,6-Tribromophenol
 Concen: 150.08 ng
 RT: 11.85 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF079347.D
 Acq: 19 May 2015 17:43

Instrument :
 BNA_F
 ClientSampleId :
 HW-12-5-14-15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.9	115.3
141	34.2	27.8	41.8

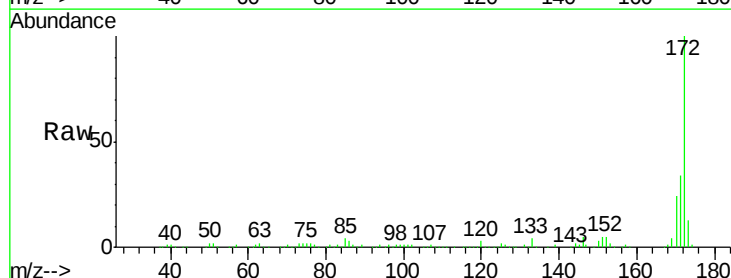


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

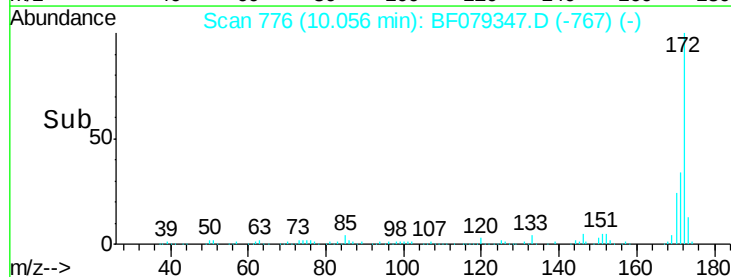
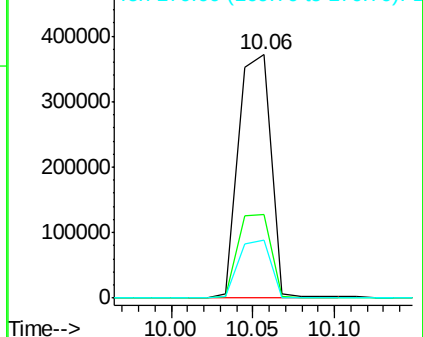


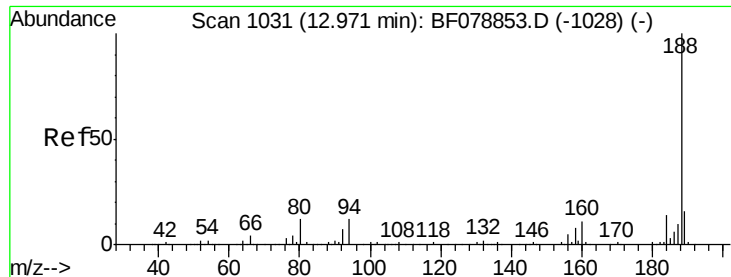
#44
 2-Fluorobiphenyl
 Concen: 83.68 ng
 RT: 10.06 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF079347.D
 Acq: 19 May 2015 17:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.3	42.5
170	23.7	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

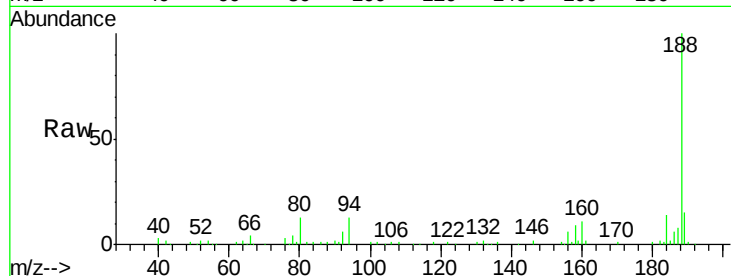




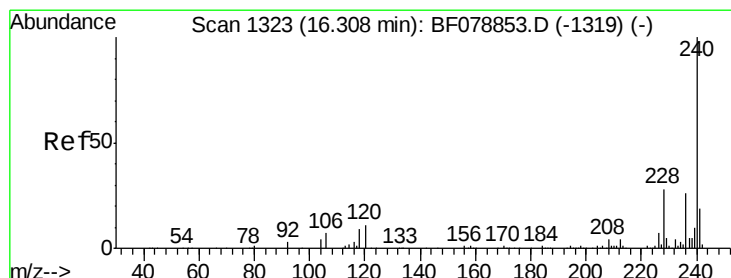
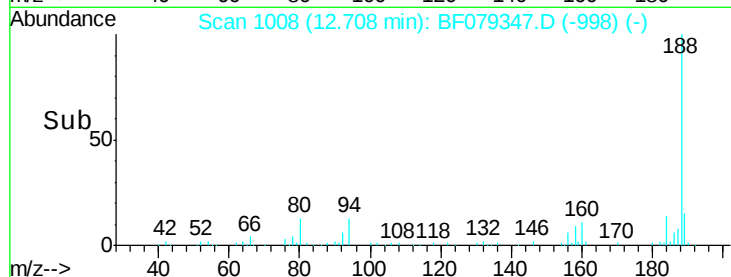
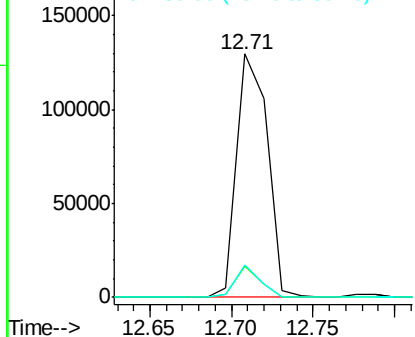
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF079347.D
Acq: 19 May 2015 17:43

Instrument :
BNA_F
ClientSampleId :
HW-12-5-14-15

Tgt Ion:188 Resp: 168363
Ion Ratio Lower Upper
188 100
94 13.0 9.4 14.0
80 13.2 9.8 14.6

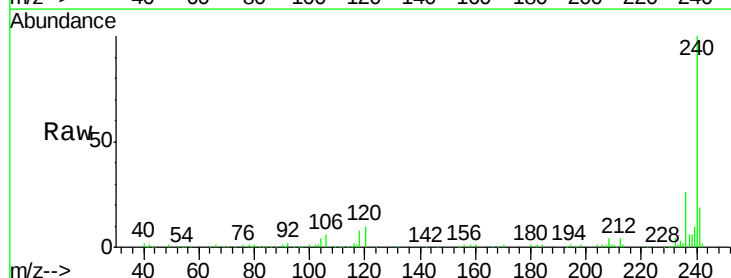


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

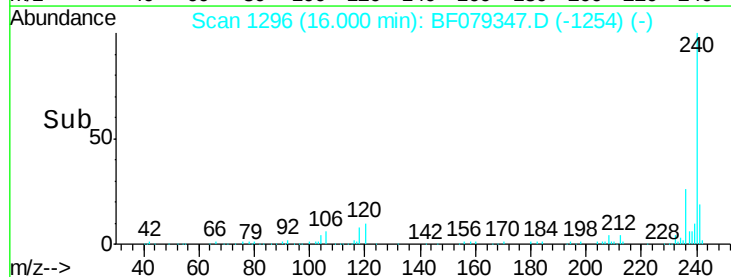
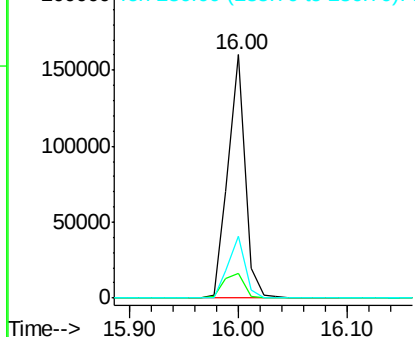


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.00 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF079347.D
Acq: 19 May 2015 17:43

Tgt Ion:240 Resp: 175781
Ion Ratio Lower Upper
240 100
120 10.2 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: 91.02 ng

RT: 14.71 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF079347.D

Acq: 19 May 2015 17:43

Instrument :

BNA_F

ClientSampleId :

HW-12-5-14-15

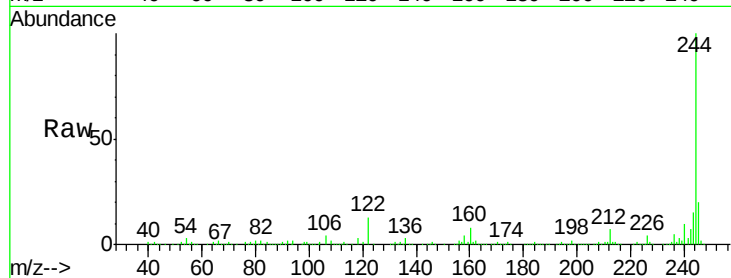
Tgt Ion:244 Resp: 668274

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

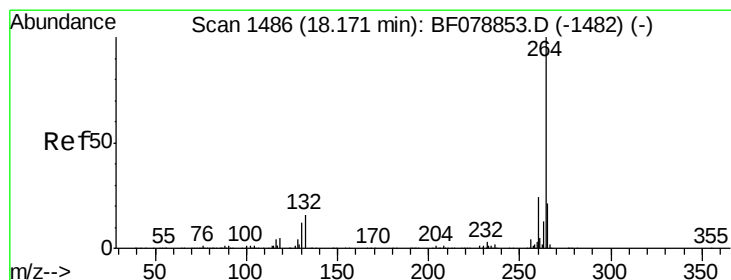
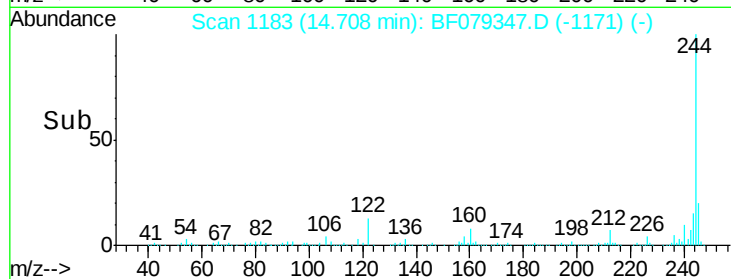
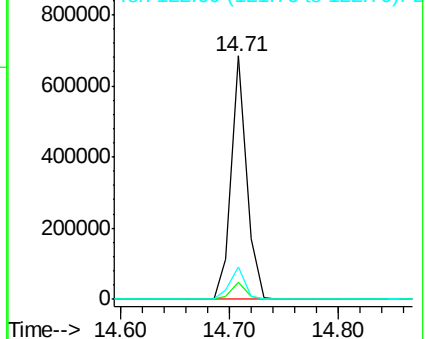
122 13.1 10.5 15.7



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: 17.74 min Scan# 1448

Delta R.T. -0.08 min

Lab File: BF079347.D

Acq: 19 May 2015 17:43

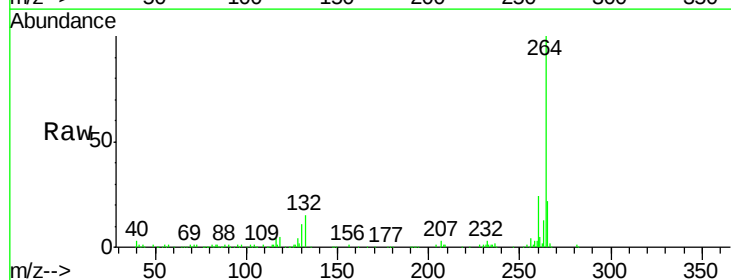
Tgt Ion:264 Resp: 180657

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.9 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

