

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
 Data File : BF079351.D
 Acq On : 19 May 2015 19:38
 Operator : TP/IZ
 Sample : G2288-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-34

Quant Time: May 20 05:48:55 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 05:08:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	41937	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	176188	20.00	ng	0.00
38) Acenaphthene-d10	10.87	164	85571	20.00	ng	-0.01
63) Phenanthrene-d10	12.71	188	176081	20.00	ng	-0.01
75) Chrysene-d12	15.99	240	178365	20.00	ng	-0.03
86) Perylene-d12	17.70	264	187619	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	142201m	58.37	ng	-0.01
7) Phenol-d6	6.70	99	114338	35.51	ng	-0.01
23) Nitrobenzene-d5	7.82	82	266247	86.85	ng	-0.01
41) 2,4,6-Tribromophenol	11.85	330	136165	147.09	ng	-0.01
44) 2-Fluorobiphenyl	10.04	172	562756	91.62	ng	-0.01
78) Terphenyl-d14	14.71	244	686685	92.17	ng	-0.01

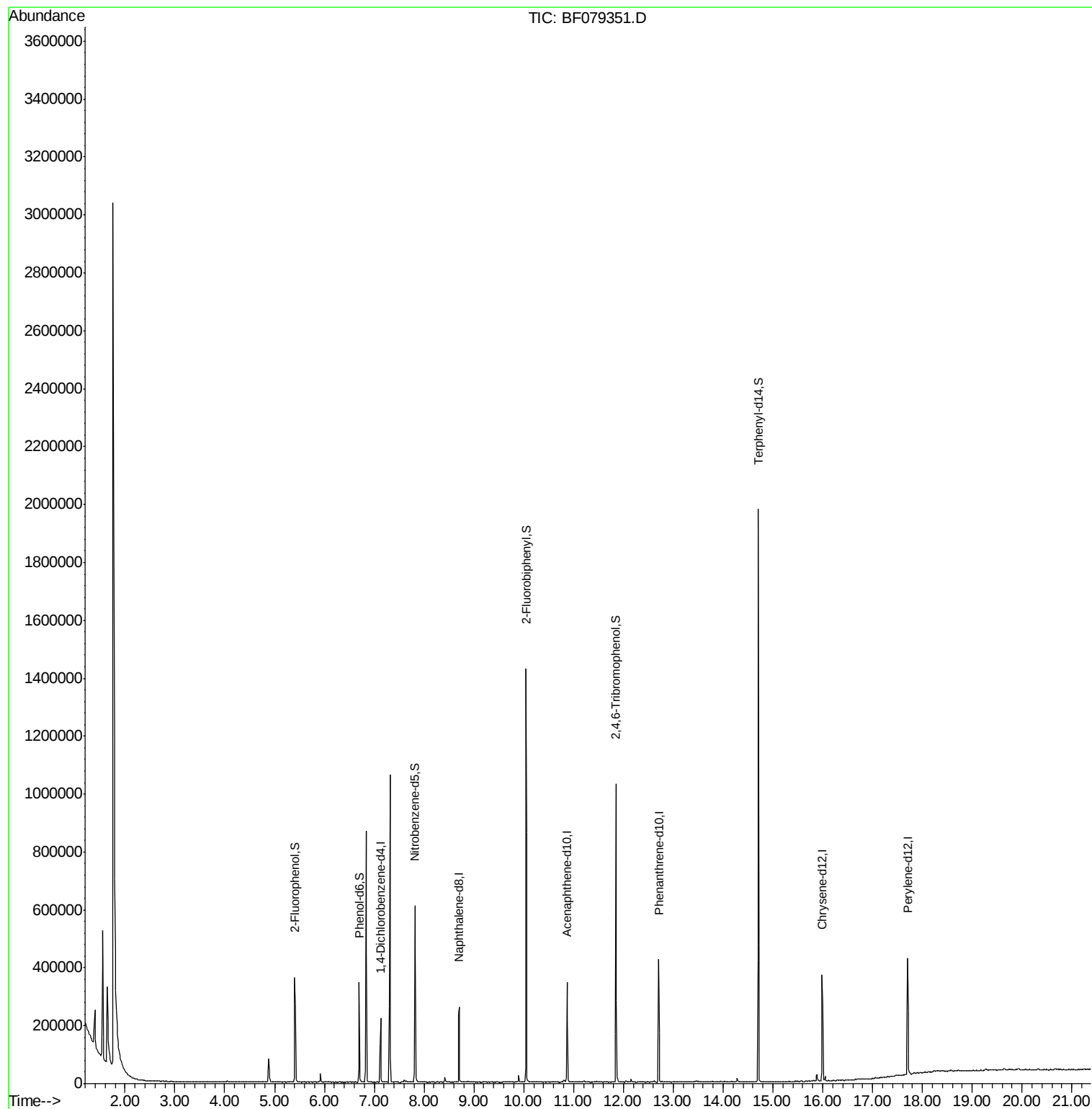
Target Compounds Qvalue

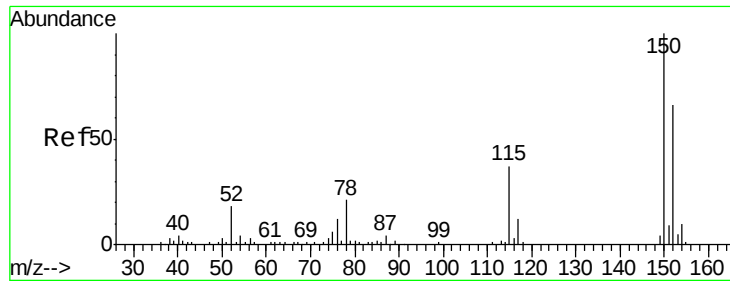
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
Data File : BF079351.D
Acq On : 19 May 2015 19:38
Operator : TP/IZ
Sample : G2288-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-34

Quant Time: May 20 05:48:55 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 05:08:22 2015
Response via : Initial Calibration



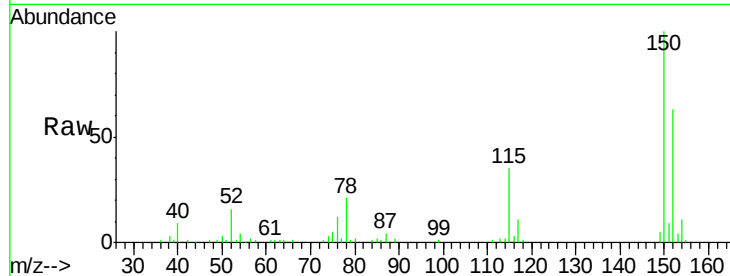


#1

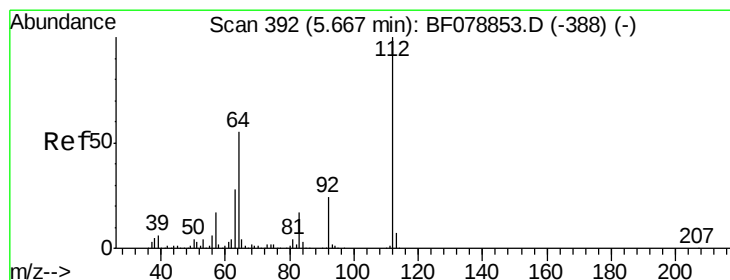
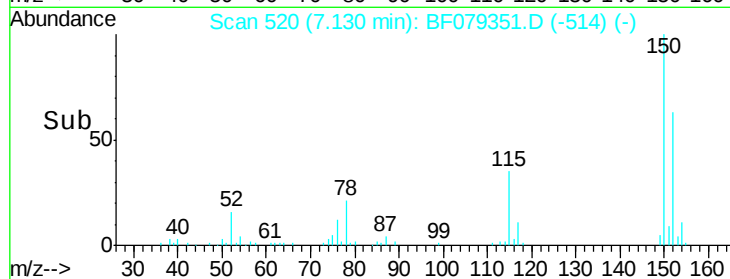
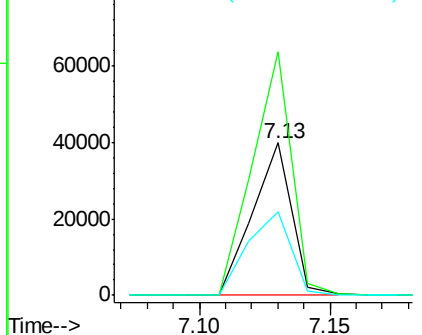
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.13 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF079351.D
Acq: 19 May 2015 19:38

Instrument :
BNA_F
ClientSampleId :
TW-34

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	123.8	185.8
115	55.3	49.4	74.0



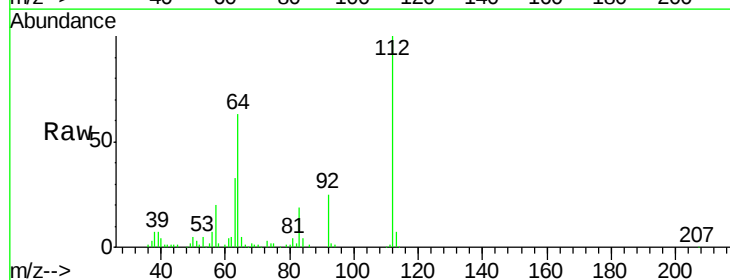
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



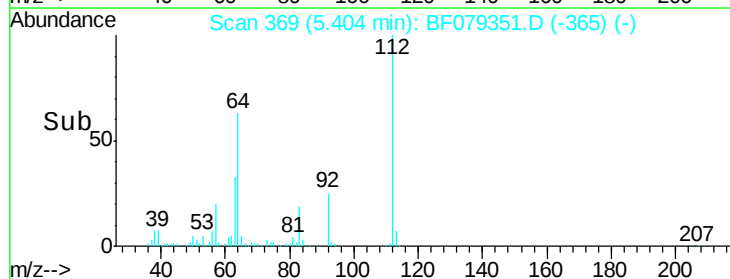
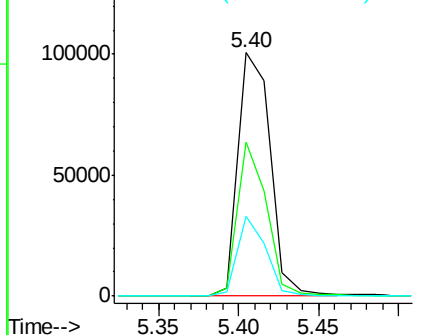
#5

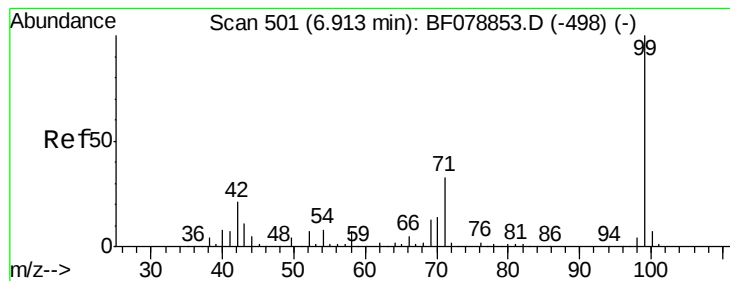
2-Fluorophenol
Concen: 58.37 ng m
RT: 5.40 min Scan# 369
Delta R.T. -0.01 min
Lab File: BF079351.D
Acq: 19 May 2015 19:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	44.2	66.2
63	32.6	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: 35.51 ng

RT: 6.70 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF079351.D

Acq: 19 May 2015 19:38

Instrument :

BNA_F

ClientSampleId :

TW-34

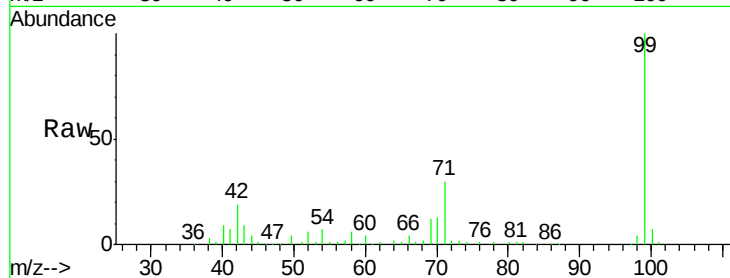
Tot Ion: 99 Resp: 114338

Ion Ratio Lower Upper

99 100

42 19.0 17.1 25.7

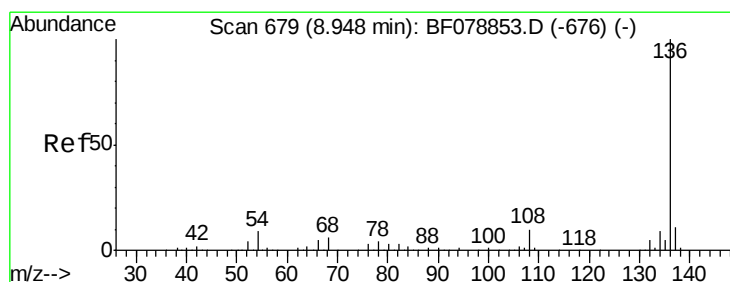
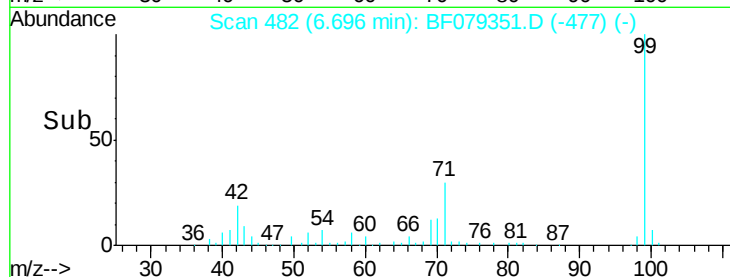
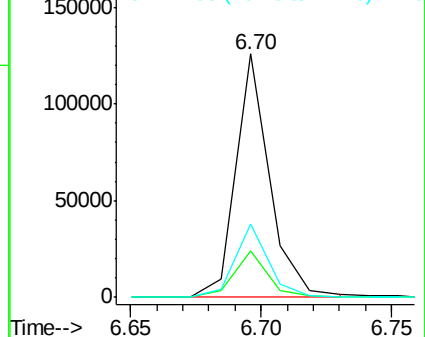
71 30.4 26.3 39.5



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: BF079351.D

Acq: 19 May 2015 19:38

Tgt Ion: 136 Resp: 176188

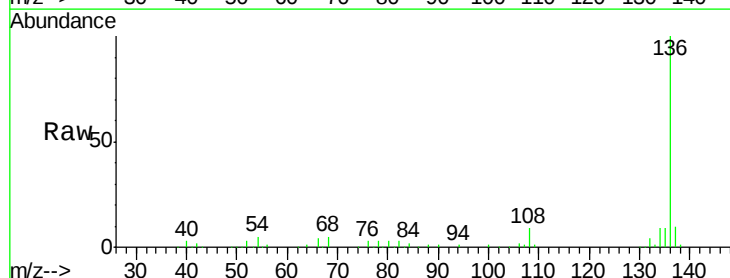
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 5.5 6.9 10.3#

68 4.5 4.9 7.3#

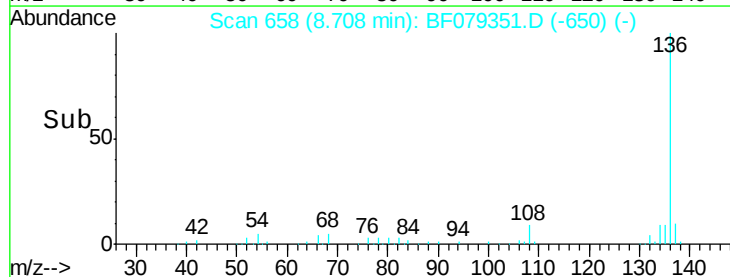
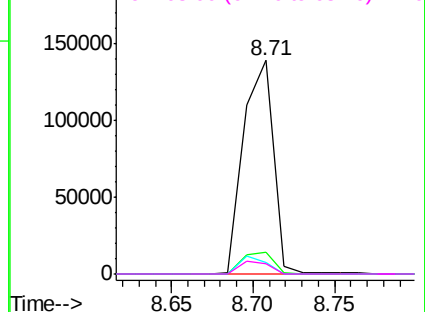


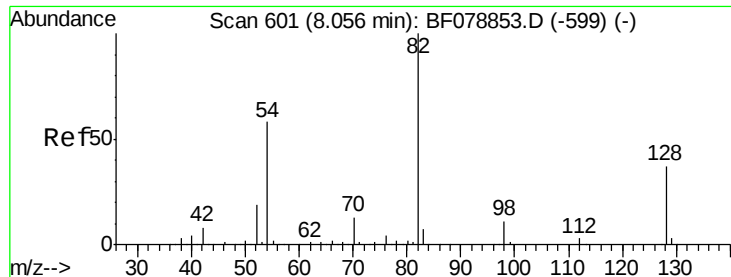
Abundance Ion 136.00 (135.70 to 136.70): E

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

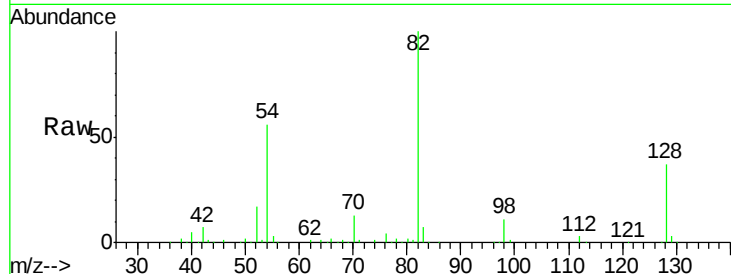




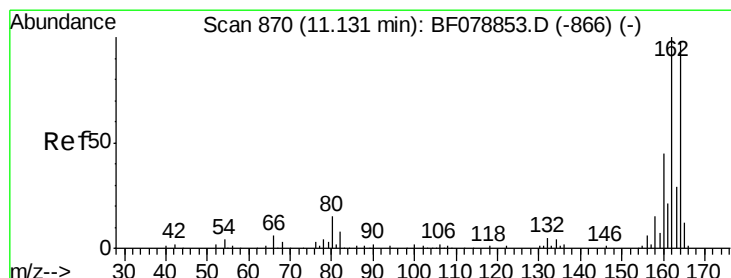
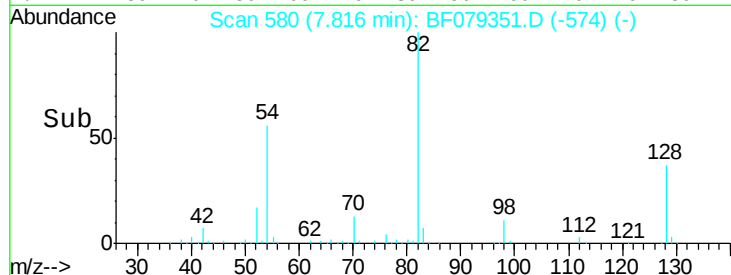
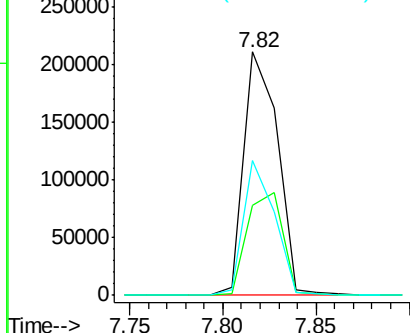
#23
Nitrobenzene-d5
Concen: 86.85 ng
RT: 7.82 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF079351.D
Acq: 19 May 2015 19:38

Instrument :
BNA_F
ClientSampleId :
TW-34

Tot Ion: 82 Resp: 266247
Ion Ratio Lower Upper
82 100
128 36.9 29.7 44.5
54 55.5 46.2 69.4

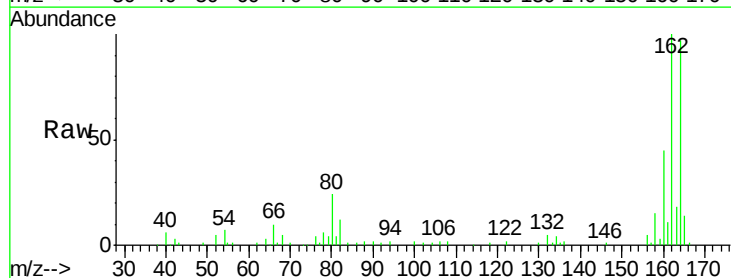


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

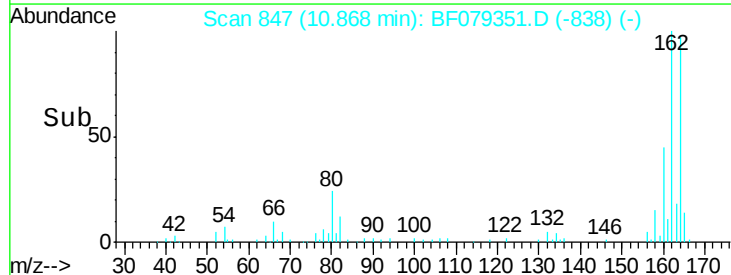
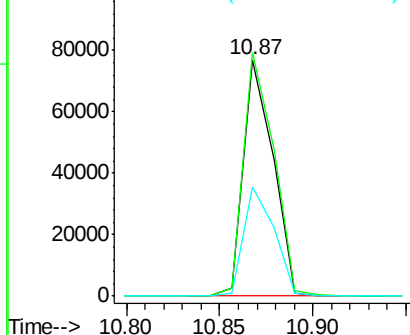


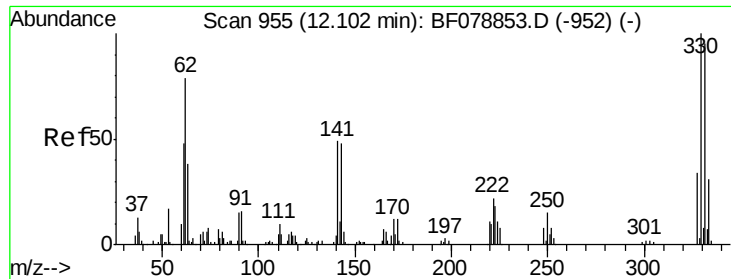
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.87 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF079351.D
Acq: 19 May 2015 19:38

Tgt Ion:164 Resp: 85571
Ion Ratio Lower Upper
164 100
162 103.1 81.4 122.0
160 46.3 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

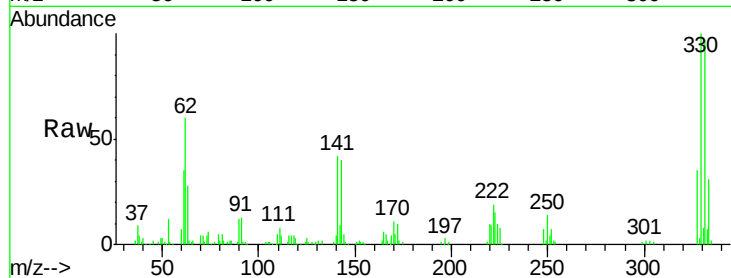




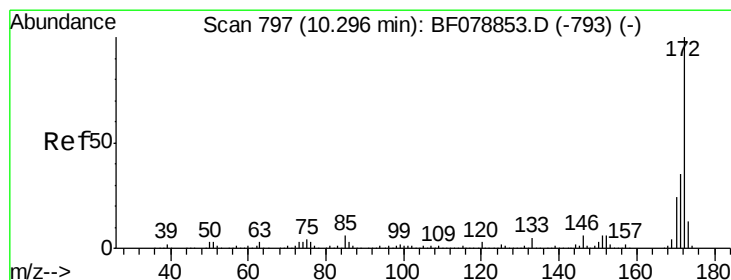
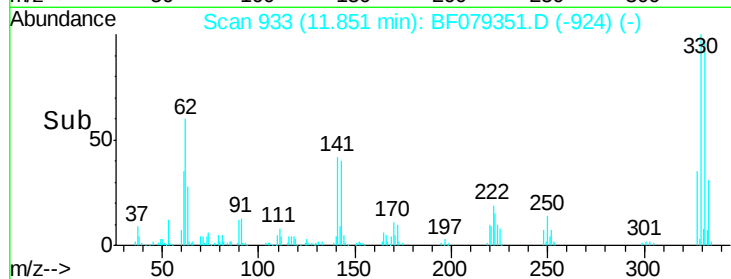
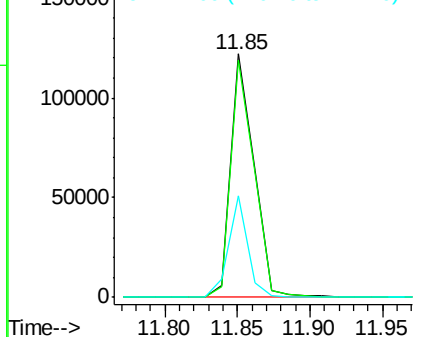
#41
 2,4,6-Tribromophenol
 Concen: 147.09 ng
 RT: 11.85 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF079351.D
 Acq: 19 May 2015 19:38

Instrument :
 BNA_F
 ClientSampleId :
 TW-34

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.9	115.3
141	35.0	27.8	41.8

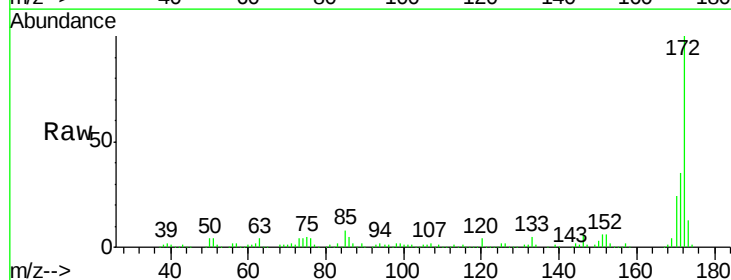


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

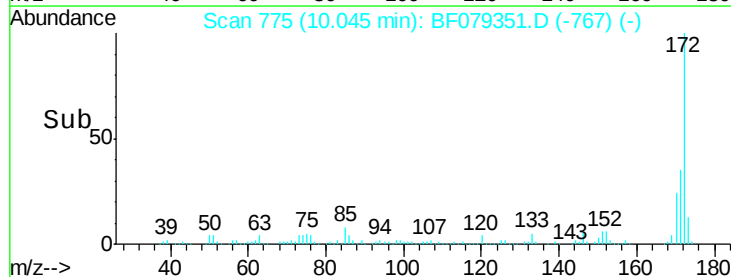
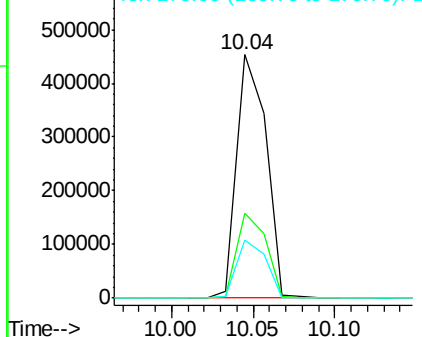


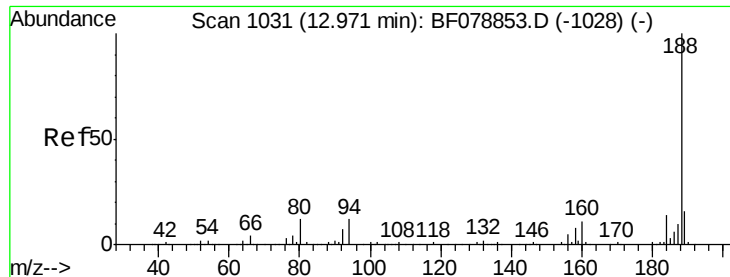
#44
 2-Fluorobiphenyl
 Concen: 91.62 ng
 RT: 10.04 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF079351.D
 Acq: 19 May 2015 19:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.3	42.5
170	24.0	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

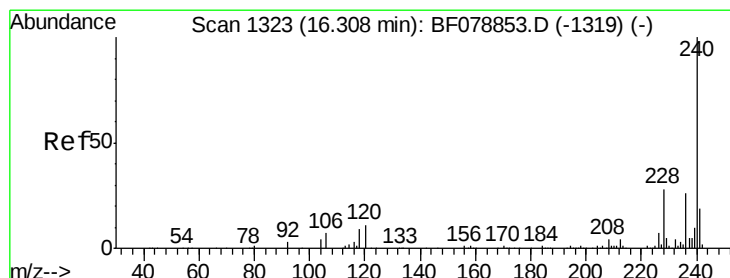
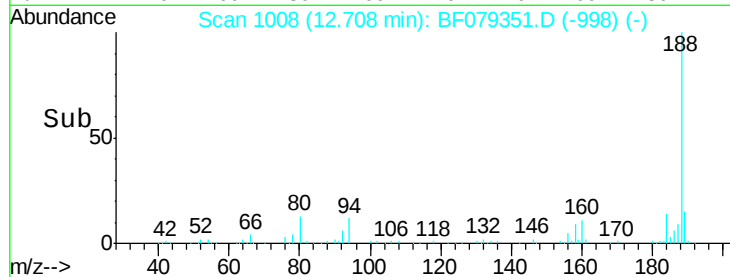
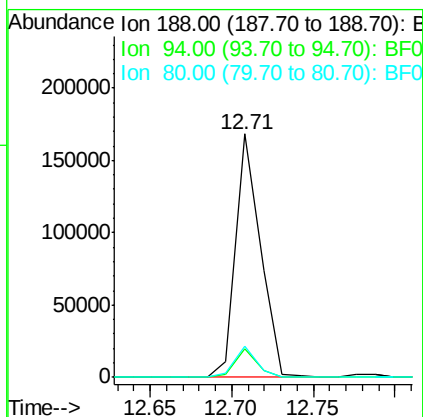
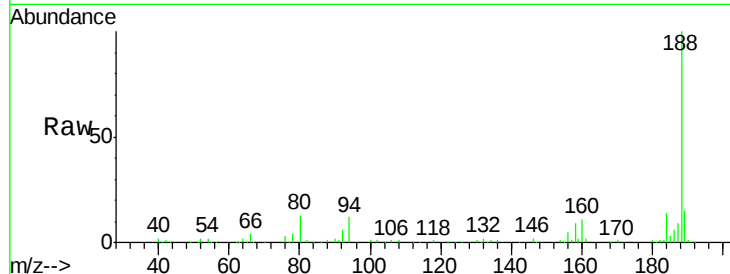




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF079351.D
Acq: 19 May 2015 19:38

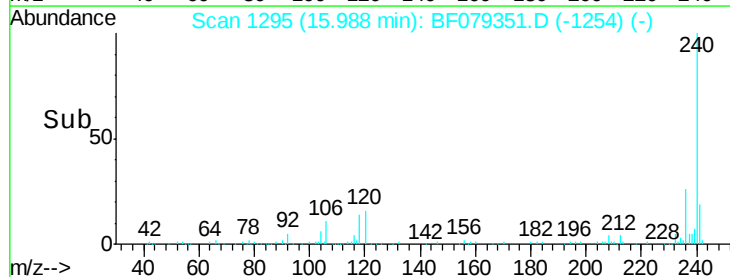
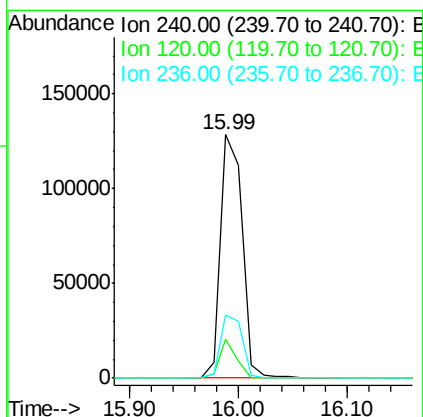
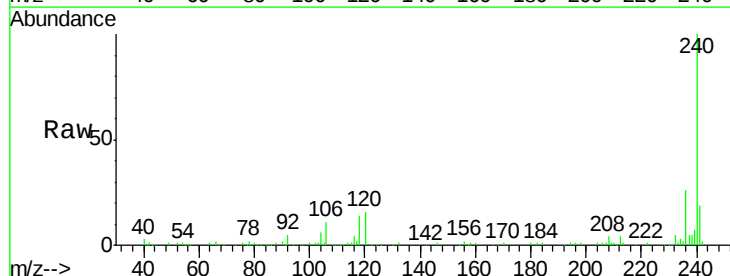
Instrument :
BNA_F
ClientSampleId :
TW-34

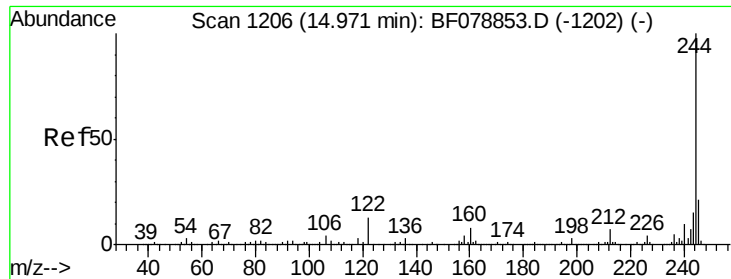
Tot Ion:188 Resp: 176081
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.0
80 12.7 9.8 14.6



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1295
Delta R.T. -0.03 min
Lab File: BF079351.D
Acq: 19 May 2015 19:38

Tgt Ion:240 Resp: 178365
Ion Ratio Lower Upper
240 100
120 16.1 8.6 12.8#
236 26.1 21.0 31.6





#78

Terphenyl-d14

Concen: 92.17 ng

RT: 14.71 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF079351.D

Acq: 19 May 2015 19:38

Instrument :

BNA_F

ClientSampleId :

TW-34

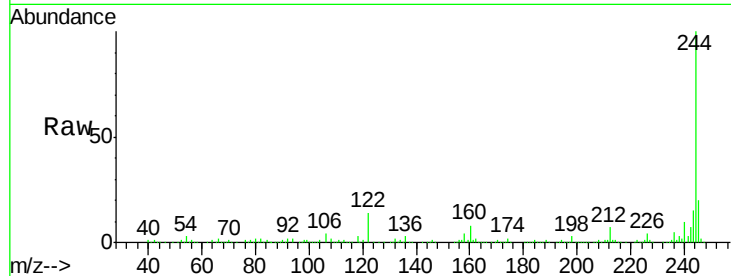
Tot Ion:244 Resp: 686685

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

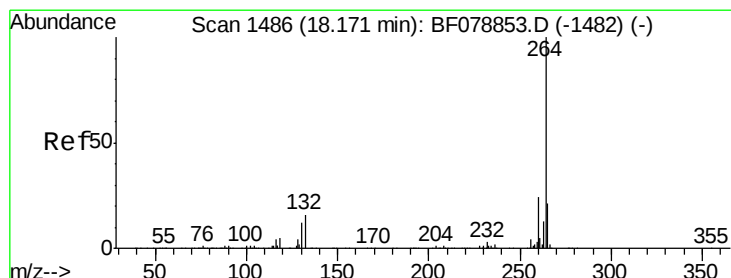
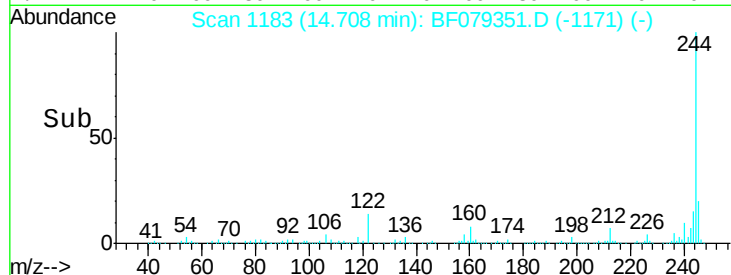
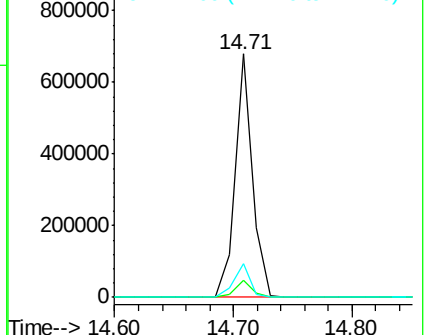
122 13.7 10.5 15.7



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: 17.70 min Scan# 1445

Delta R.T. -0.11 min

Lab File: BF079351.D

Acq: 19 May 2015 19:38

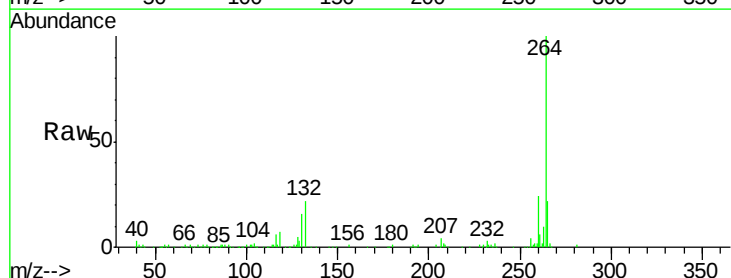
Tgt Ion:264 Resp: 187619

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.8 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

