

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
 Data File : BF078916.D
 Acq On : 4 May 2015 14:03
 Operator : TP/IZ
 Sample : G1999-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C8-GW

Quant Time: May 05 01:52:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 00:58:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	92472	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	379678	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	191703	20.00	ng	-0.01
63) Phenanthrene-d10	12.96	188	383833	20.00	ng	0.00
75) Chrysene-d12	16.26	240	389621	20.00	ng	-0.06
86) Perylene-d12	18.08	264	375507	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	392851	73.13	ng	0.01
7) Phenol-d6	6.90	99	370277	52.15	ng	0.00
23) Nitrobenzene-d5	8.04	82	475364	71.96	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	249939	120.52	ng	0.00
44) 2-Fluorobiphenyl	10.28	172	1018768	74.04	ng	0.00
78) Terphenyl-d14	14.96	244	1010358m	62.08	ng	0.00

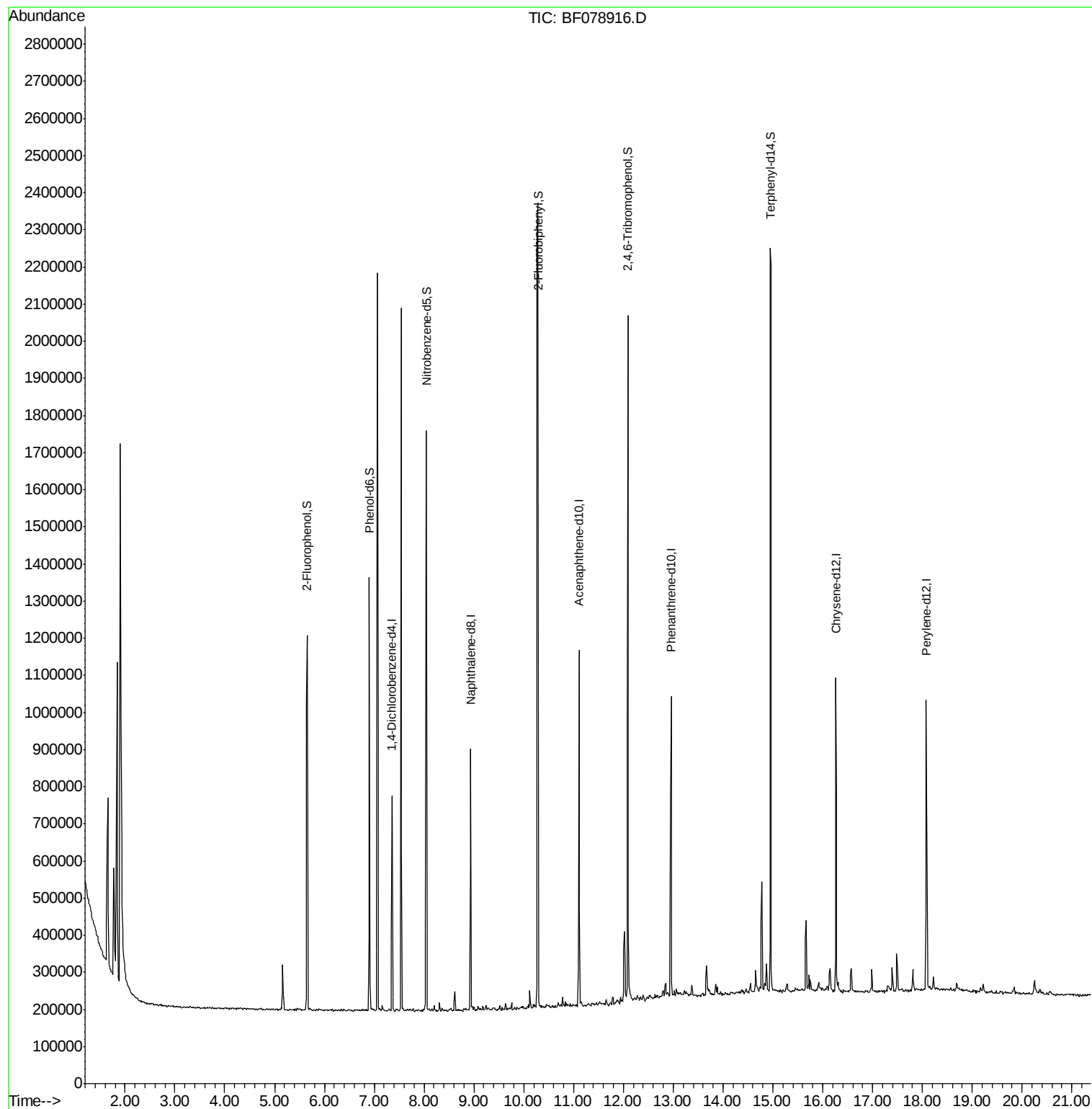
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.36 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF078916.D

Acq: 4 May 2015 14:03

Instrument :

BNA_F

ClientSampleId :

OWL-C8-GW

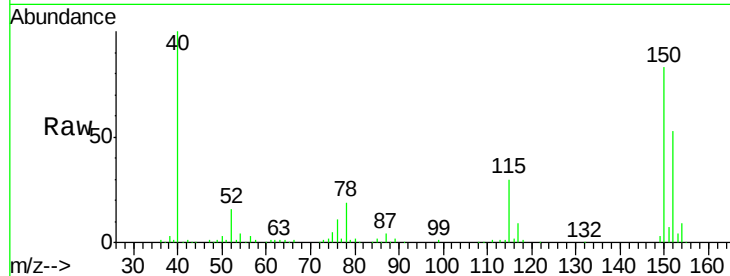
Tot Ion:152 Resp: 92472

Ion Ratio Lower Upper

152 100

150 156.2 122.0 183.0

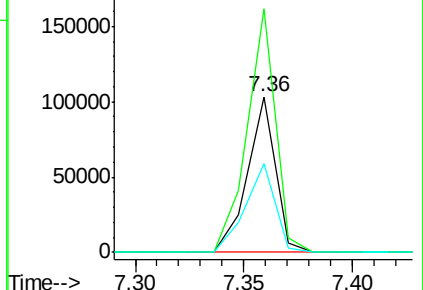
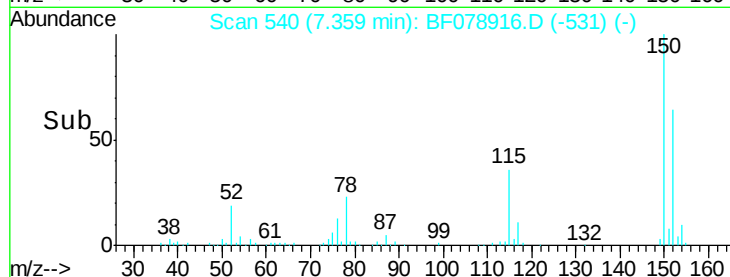
115 56.6 46.3 69.5



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: 73.13 ng

RT: 5.66 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF078916.D

Acq: 4 May 2015 14:03

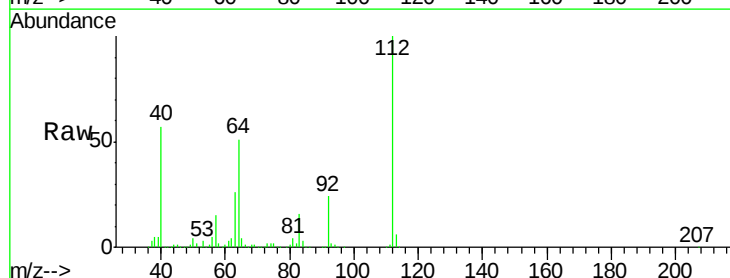
Tgt Ion:112 Resp: 392851

Ion Ratio Lower Upper

112 100

64 50.8 53.5 80.3#

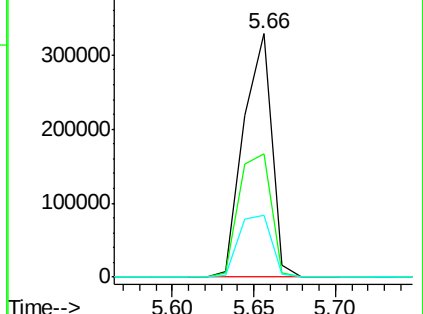
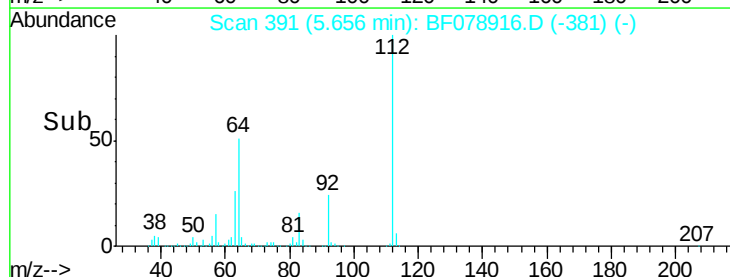
63 25.5 27.5 41.3#



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: 52.15 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078916.D

Acq: 4 May 2015 14:03

Instrument :

BNA_F

ClientSampleId :

OWL-C8-GW

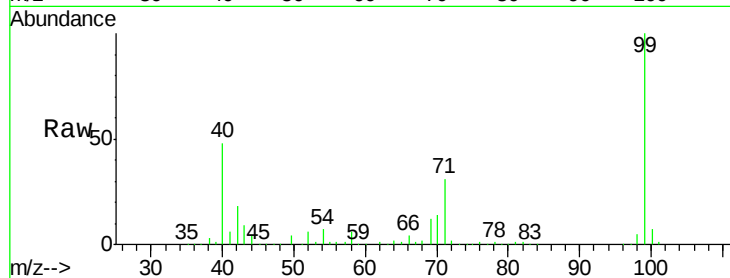
Tot Ion: 99 Resp: 370277

Ion Ratio Lower Upper

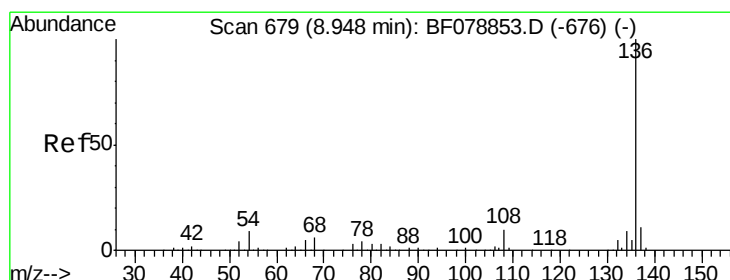
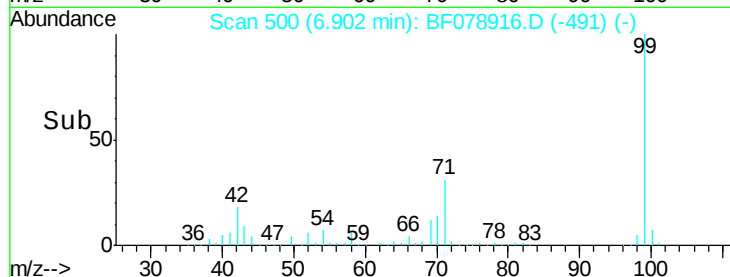
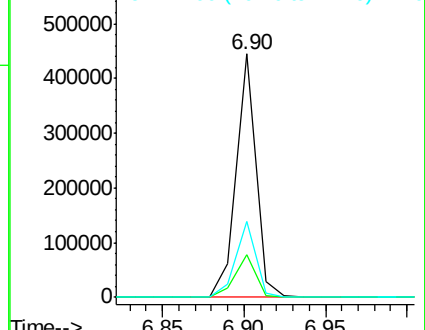
99 100

42 17.7 12.8 19.2

71 31.1 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: 8.94 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF078916.D

Acq: 4 May 2015 14:03

Tgt Ion: 136 Resp: 379678

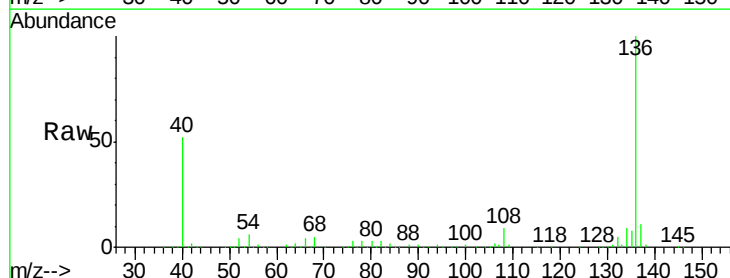
Ion Ratio Lower Upper

136 100

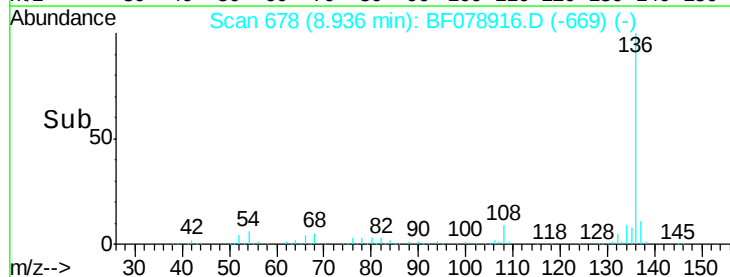
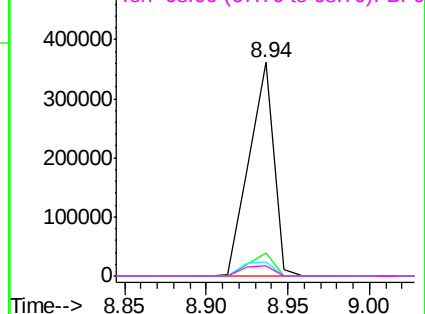
137 10.8 8.7 13.1

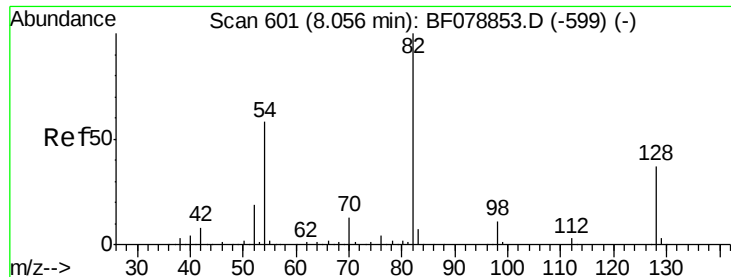
54 6.4 5.8 8.8

68 4.9 4.2 6.4



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

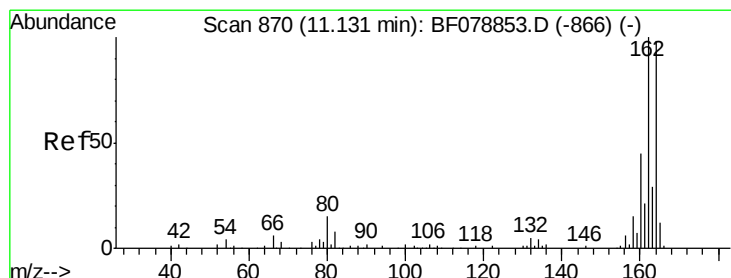
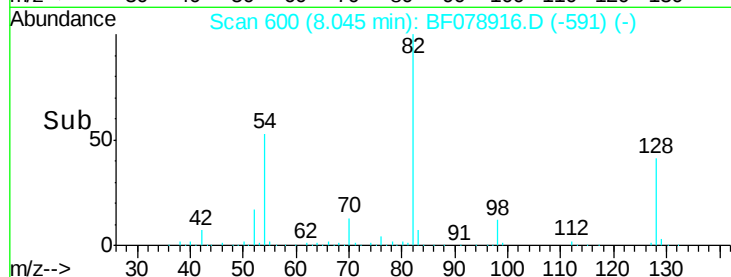
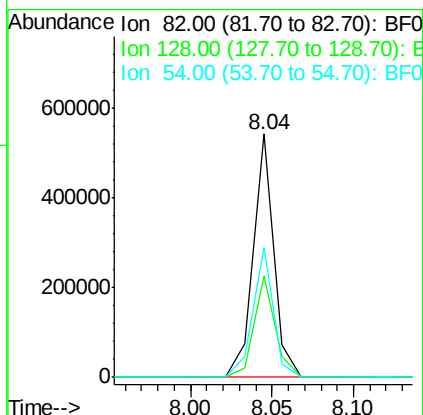
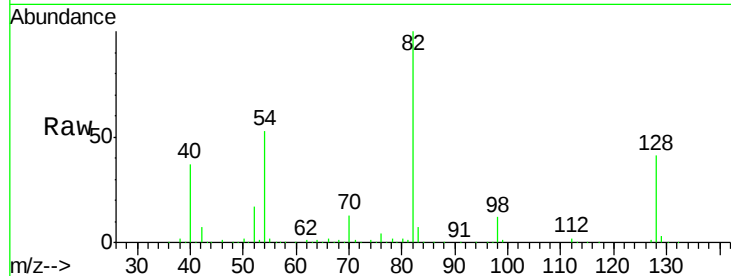




#23
 Nitrobenzene-d5
 Concen: 71.96 ng
 RT: 8.04 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF078916.D
 Acq: 4 May 2015 14:03

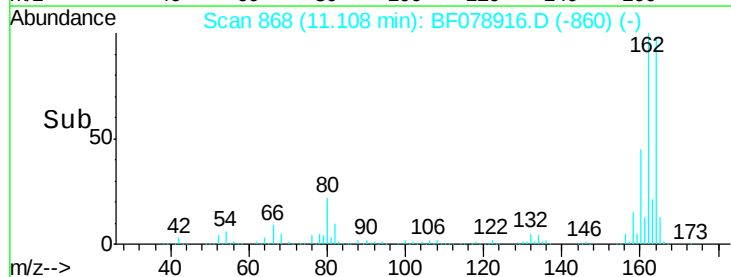
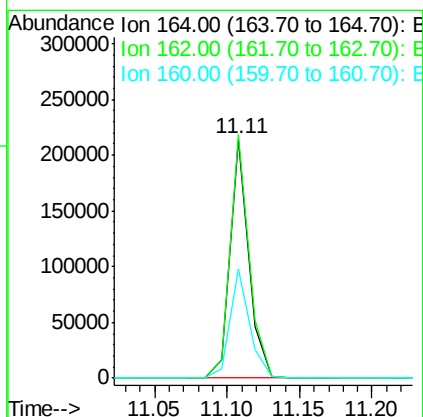
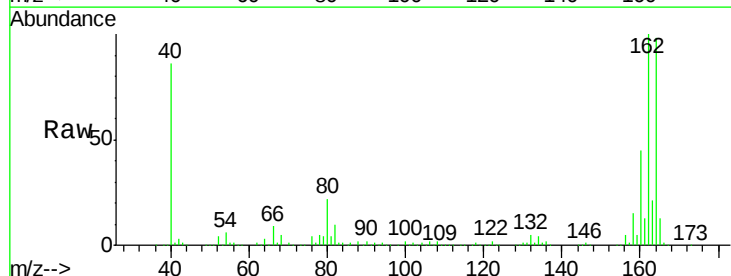
Instrument :
 BNA_F
 ClientSampleId :
 OWL-C8-GW

Tot Ion: 82 Resp: 475364
 Ion Ratio Lower Upper
 82 100
 128 41.5 30.0 45.0
 54 53.1 46.4 69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BF078916.D
 Acq: 4 May 2015 14:03

Tgt Ion:164 Resp: 191703
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.7 124.1
 160 45.8 35.8 53.8

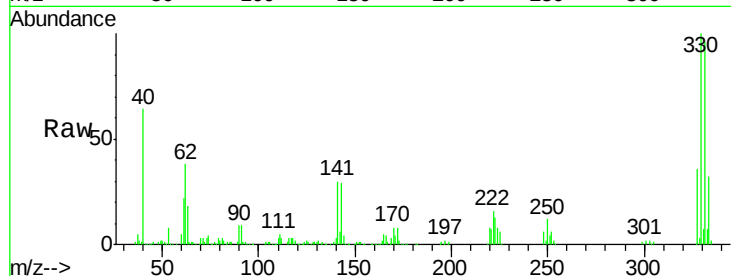




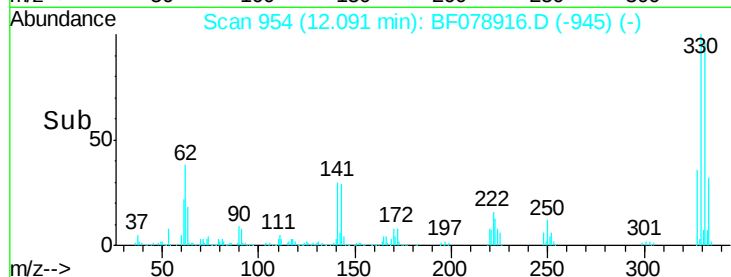
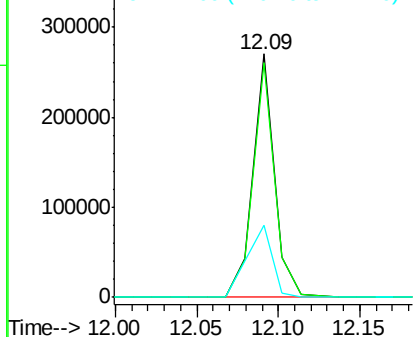
#41
 2,4,6-Tribromophenol
 Concen: 120.52 ng
 RT: 12.09 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF078916.D
 Acq: 4 May 2015 14:03

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C8-GW

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	35.3	0.0	0.0#

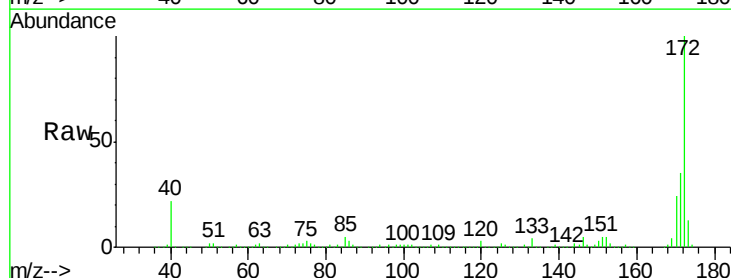


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

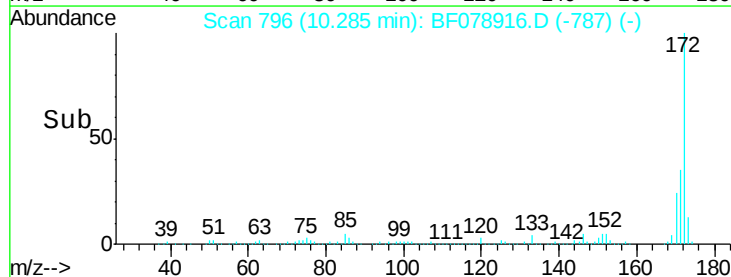
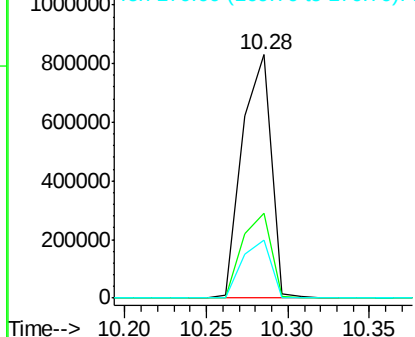


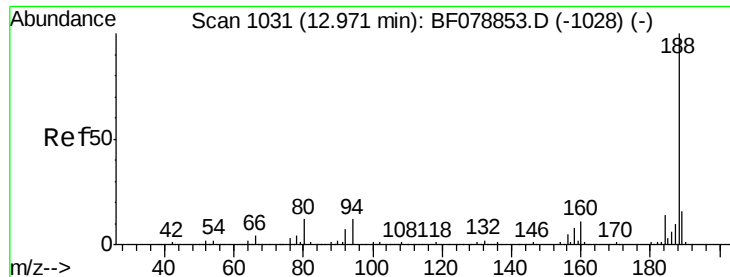
#44
 2-Fluorobiphenyl
 Concen: 74.04 ng
 RT: 10.28 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF078916.D
 Acq: 4 May 2015 14:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	24.0	19.4	29.0



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

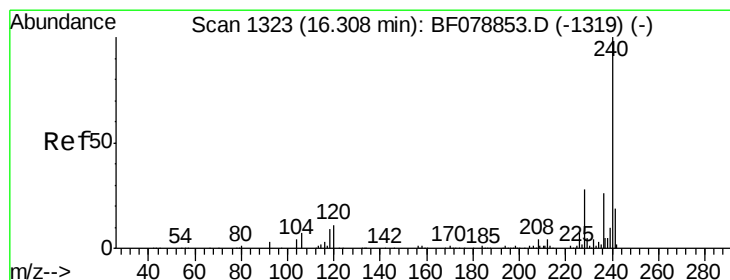
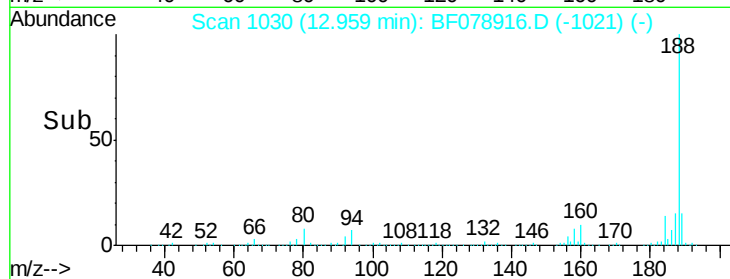
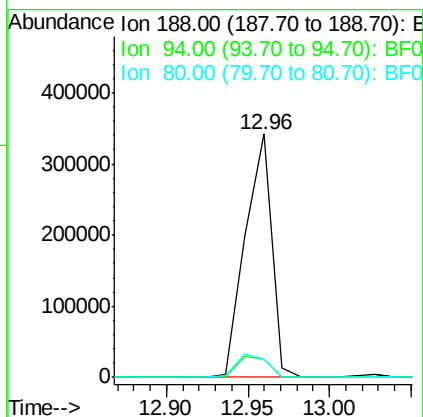
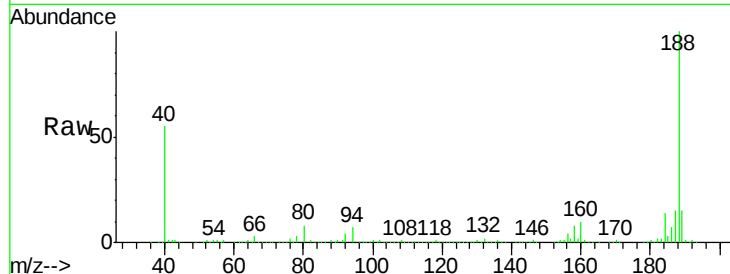




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF078916.D
Acq: 4 May 2015 14:03

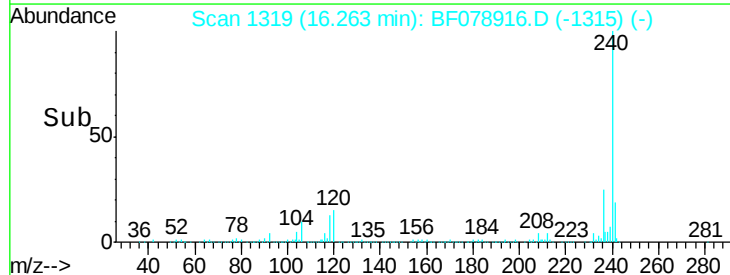
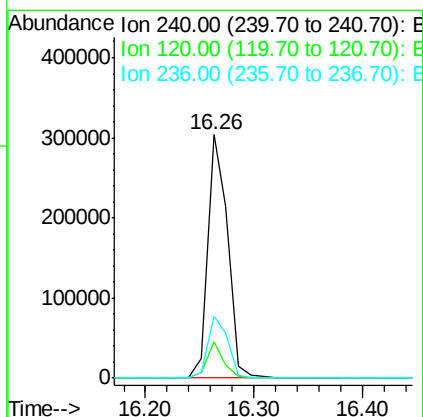
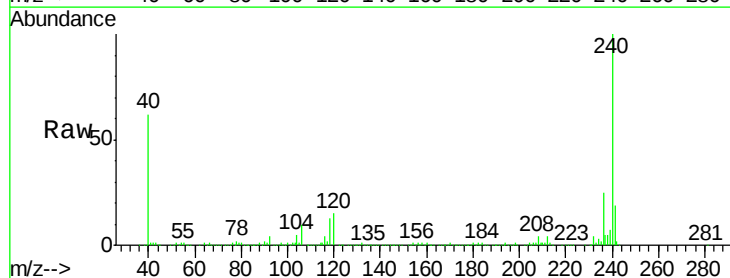
Instrument :
BNA_F
ClientSampleId :
OWL-C8-GW

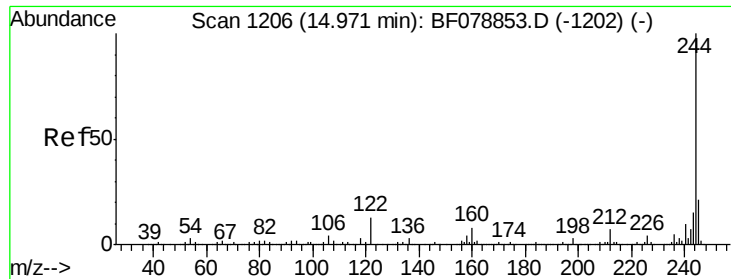
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.2	12.2#
80	7.6	8.9	13.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 1319
Delta R.T. -0.06 min
Lab File: BF078916.D
Acq: 4 May 2015 14:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.7	14.5#
236	25.3	20.2	30.4





#78

Terphenyl-d14

Concen: 62.08 ng/mL

RT: 14.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF078916.D

Acq: 4 May 2015 14:03

Instrument :

BNA_F

ClientSampleID :

OWL-C8-GW

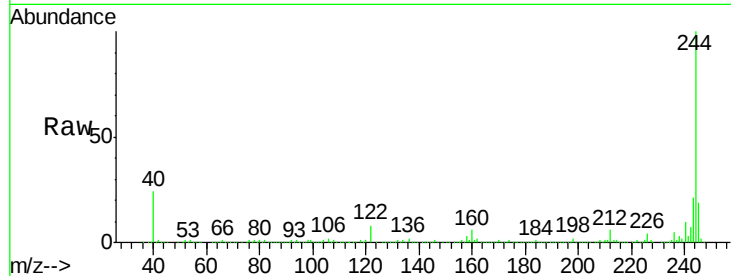
Tot Ion:244 Resp: 1010358

Ion Ratio Lower Upper

244 100

212 6.1 5.6 8.4

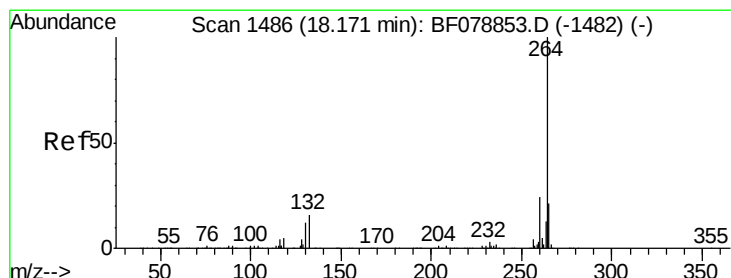
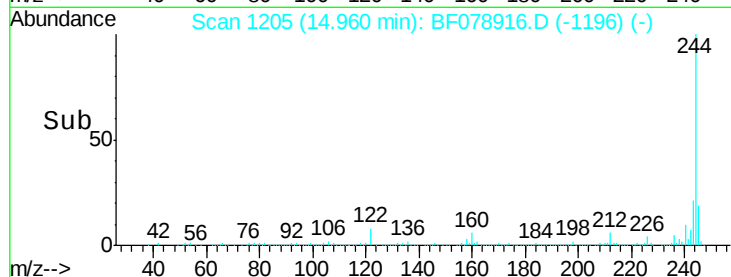
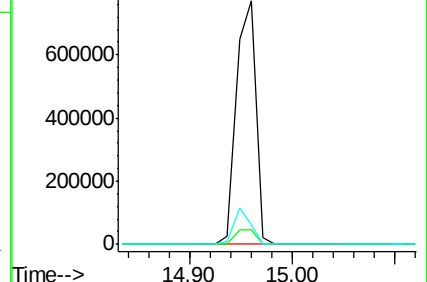
122 7.9 10.3 15.5#



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/mL

RT: 18.08 min Scan# 1478

Delta R.T. -0.16 min

Lab File: BF078916.D

Acq: 4 May 2015 14:03

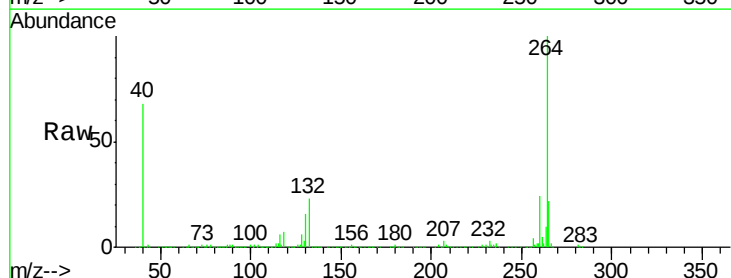
Tgt Ion:264 Resp: 375507

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 22.0 18.3 27.5



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

