

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
 Data File : BF098039.D
 Acq On : 25 Aug 2017 19:22
 Operator : SJ/JU
 Sample : PB101833BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BL

Quant Time: Aug 25 23:57:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	114227	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	458629	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	204324	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	410063	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	322042	20.00	ng	-0.02
86) Perylene-d12	15.30	264	229473	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1074076	143.03	ng	0.00
7) Phenol-d6	6.38	99	1429571	140.11	ng	0.00
23) Nitrobenzene-d5	7.30	82	887867	105.17	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	272238	153.56	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1321425	95.02	ng	-0.01
78) Terphenyl-d14	12.84	244	1142401	73.97	ng	0.00

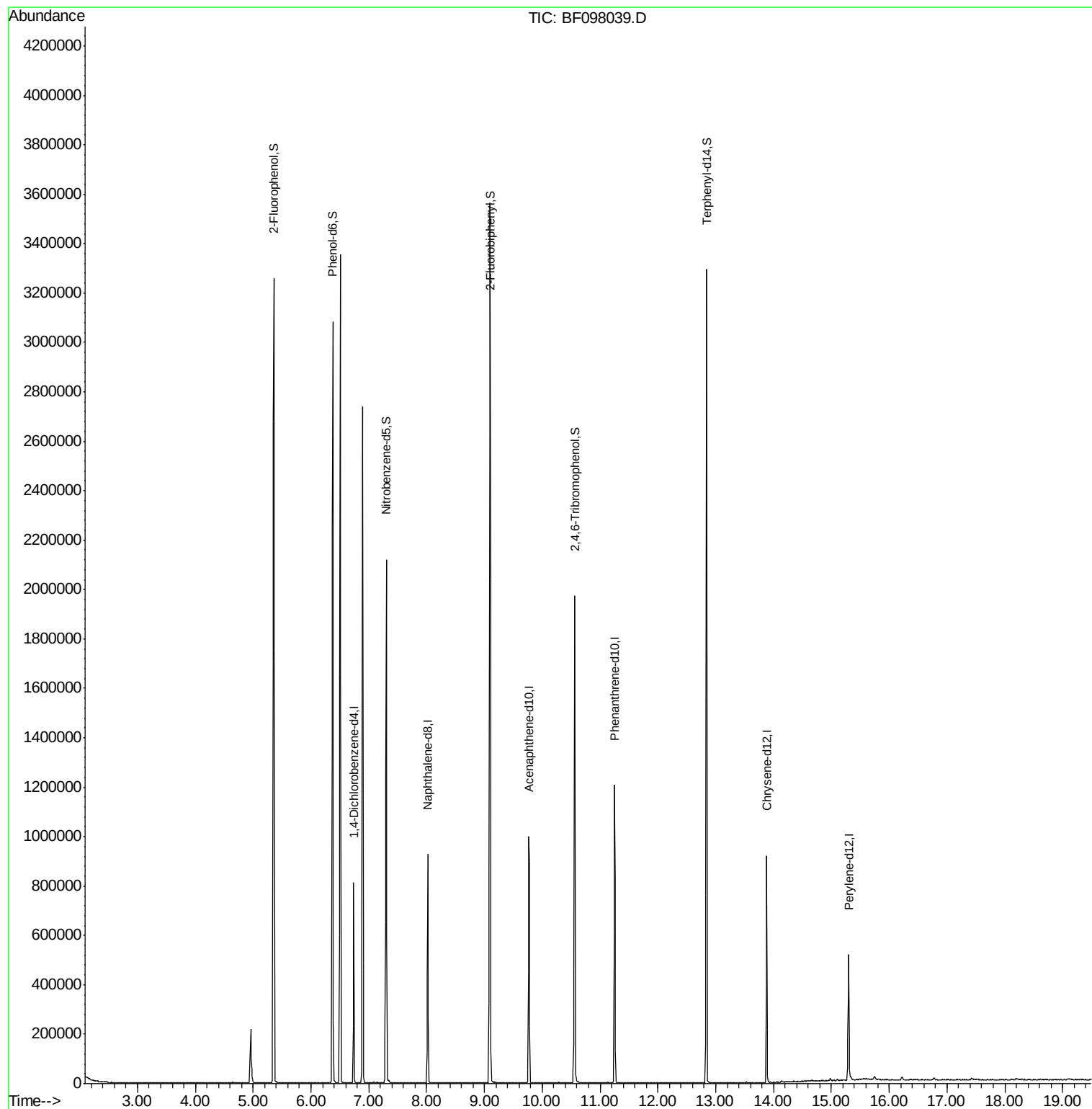
Target Compounds Qvalue

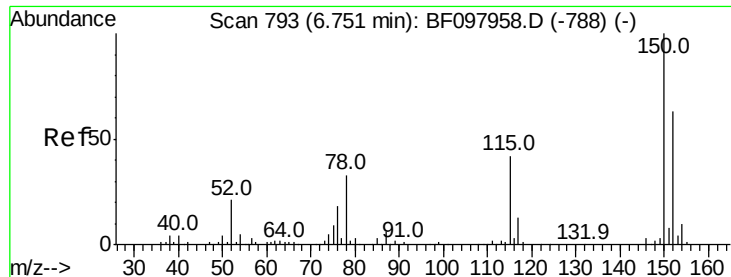
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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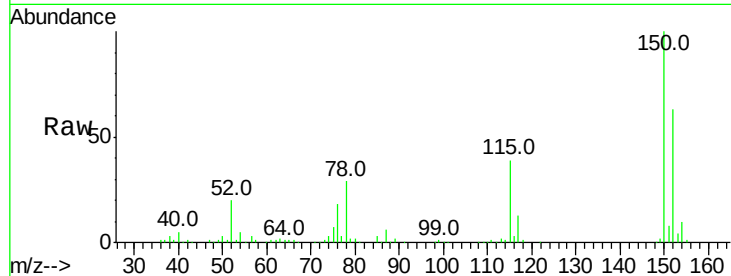


#1

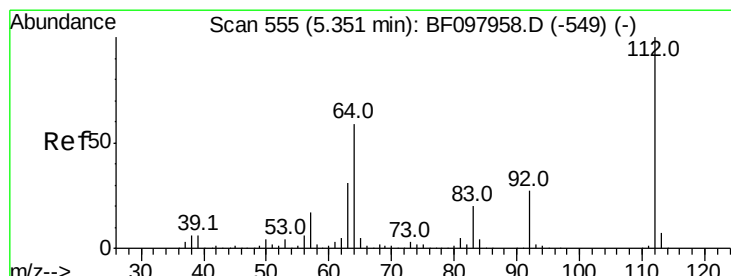
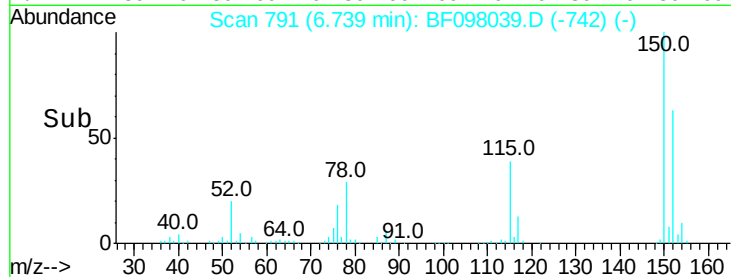
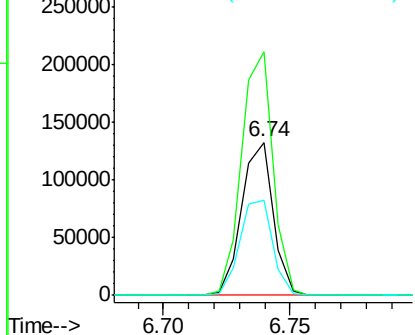
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098039.D
Acq: 25 Aug 2017 19:22

Instrument :
BNA_F
ClientSampleId :
PB101833BL

Tot Ion:152 Resp: 114227
Ion Ratio Lower Upper
152 100
150 159.1 126.2 189.2
115 62.6 52.2 78.2



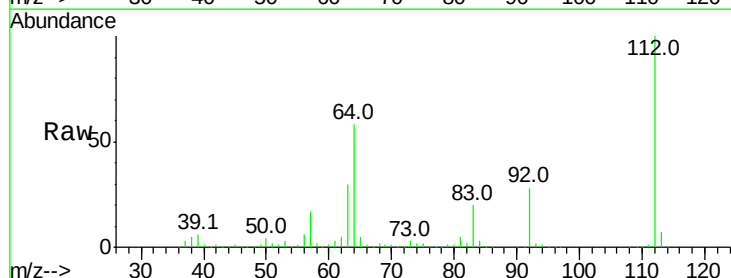
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



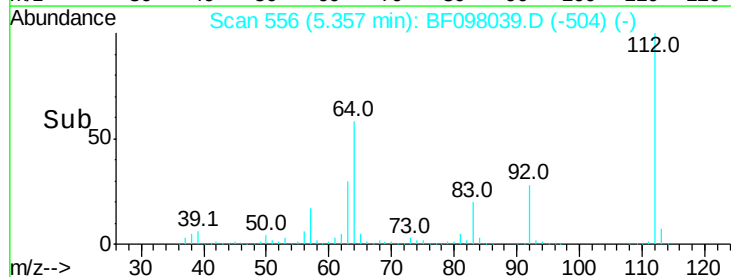
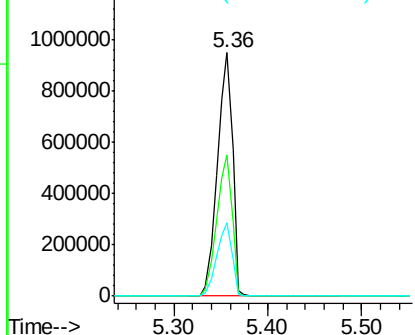
#5

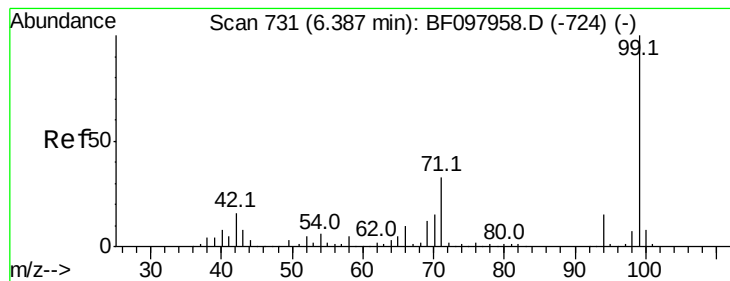
2-Fluorophenol
Concen: 143.027 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF098039.D
Acq: 25 Aug 2017 19:22

Tgt Ion:112 Resp: 1074076
Ion Ratio Lower Upper
112 100
64 58.2 46.0 69.0
63 30.1 23.4 35.0



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: 140.107 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098039.D

Acq: 25 Aug 2017 19:22

Instrument :

BNA_F

ClientSampleId :

PB101833BL

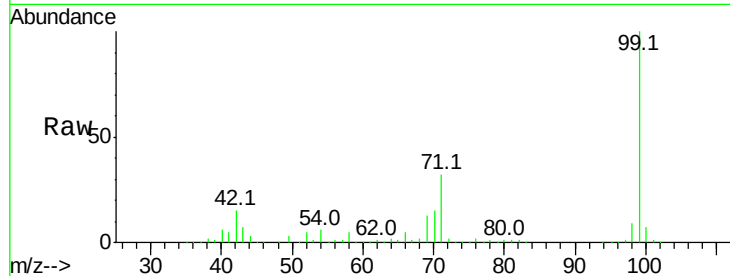
Tot Ion: 99 Resp: 1429571

Ion Ratio Lower Upper

99 100

42 14.7 13.5 20.3

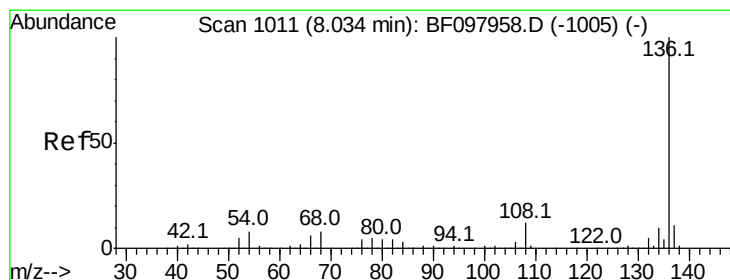
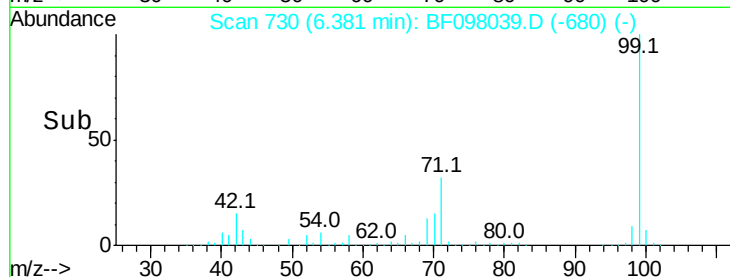
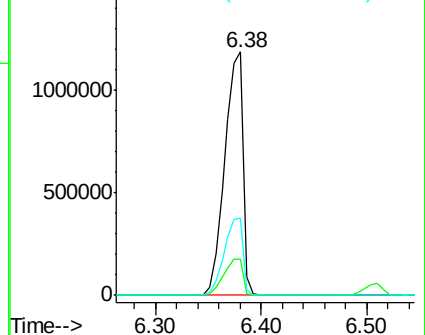
71 31.7 24.5 36.7



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: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF098039.D

Acq: 25 Aug 2017 19:22

Tgt Ion: 136 Resp: 458629

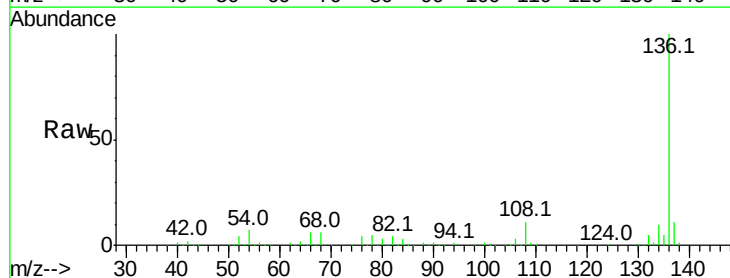
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.4 4.9 7.3#

68 6.4 4.1 6.1#

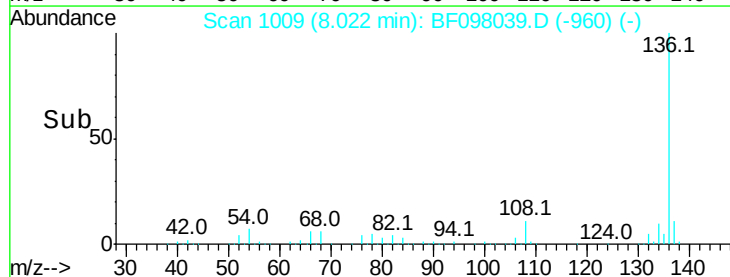
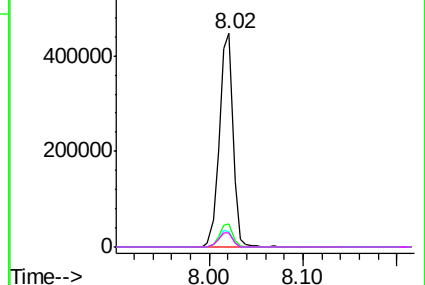


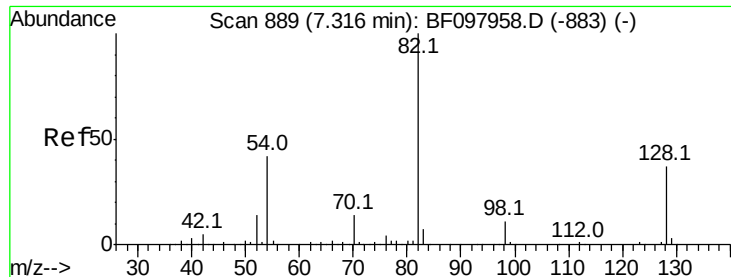
Abundance Ion 136.00 (135.70 to 136.70): E

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

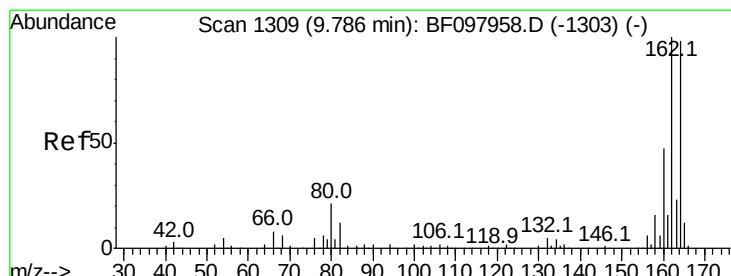
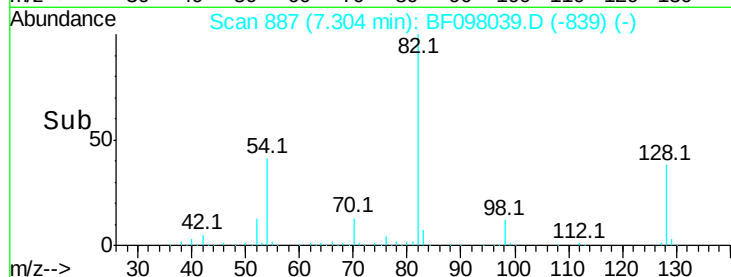
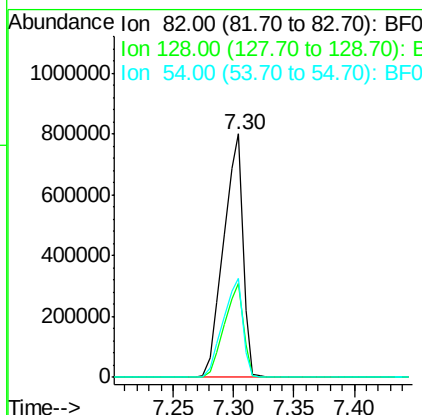
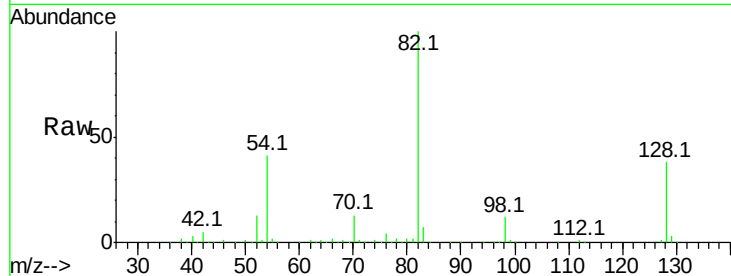




#23
 Nitrobenzene-d5
 Concen: 105.168 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098039.D
 Acq: 25 Aug 2017 19:22

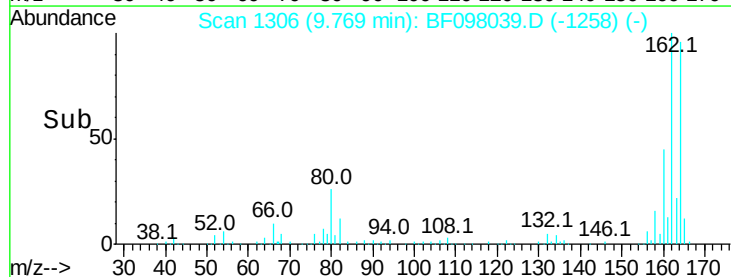
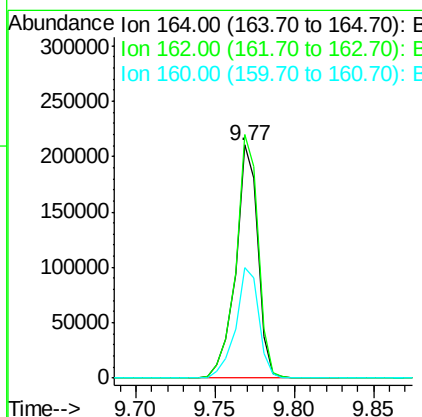
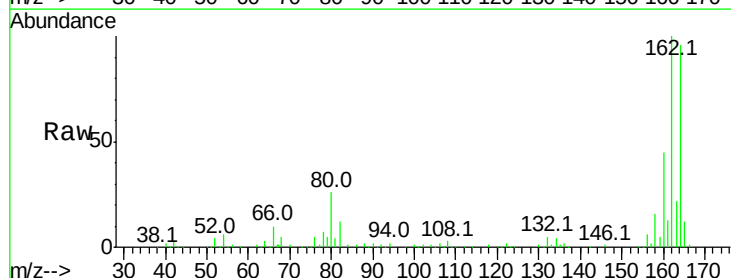
Instrument :
 BNA_F
 ClientSampleId :
 PB101833BL

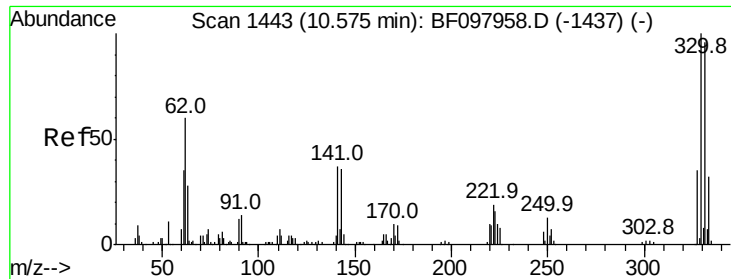
Tot Ion	82	Resp	887867
Ion Ratio	Lower	Upper	
82	100		
128	38.4	34.0	51.0
54	40.9	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098039.D
 Acq: 25 Aug 2017 19:22

Tgt Ion	164	Resp	204324
Ion Ratio	Lower	Upper	
164	100		
162	104.4	82.6	123.8
160	47.3	36.2	54.2

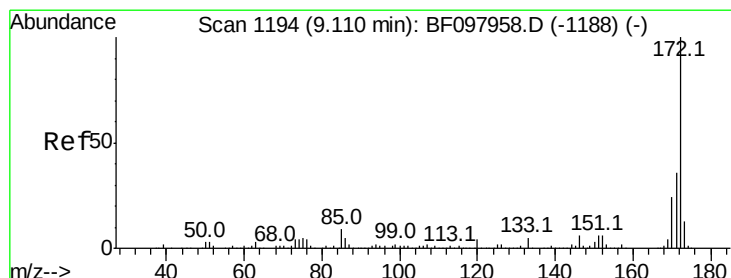
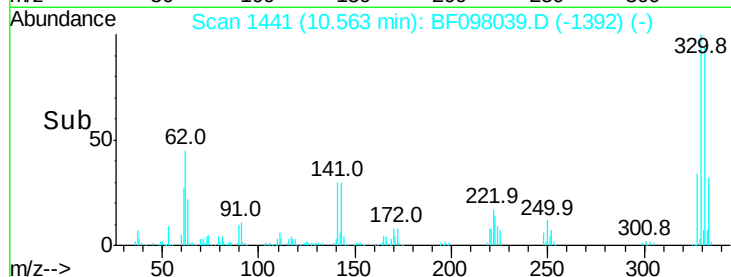
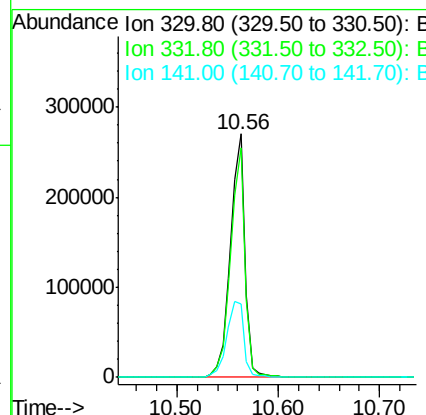
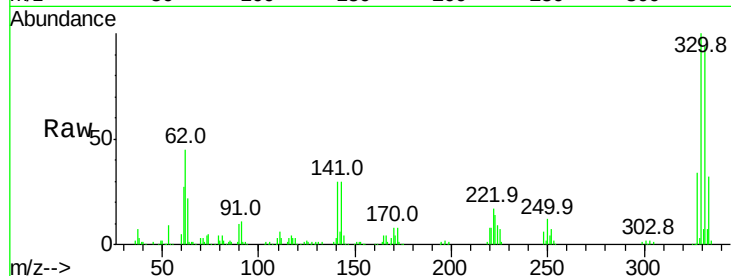




#41
 2,4,6-Tribromophenol
 Concen: 153.560 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098039.D
 Acq: 25 Aug 2017 19:22

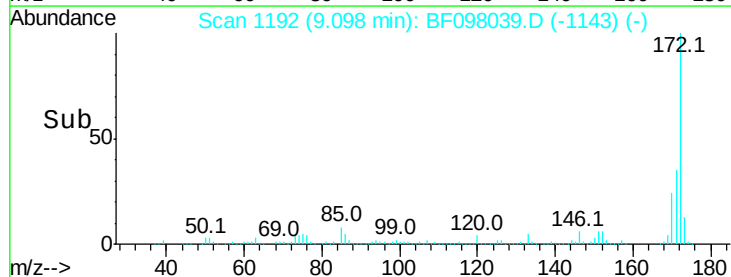
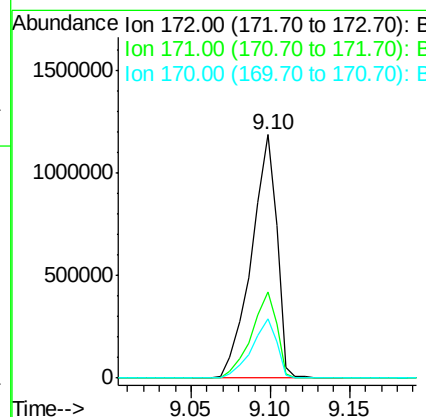
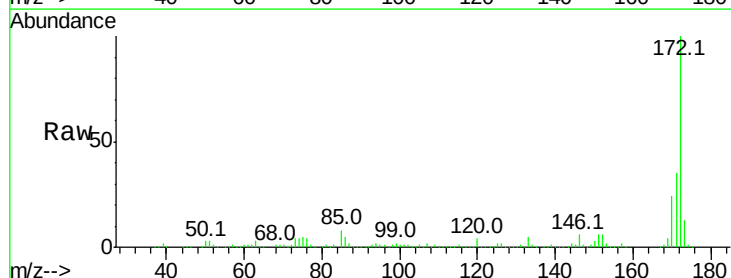
Instrument :
 BNA_F
 ClientSampleId :
 PB101833BL

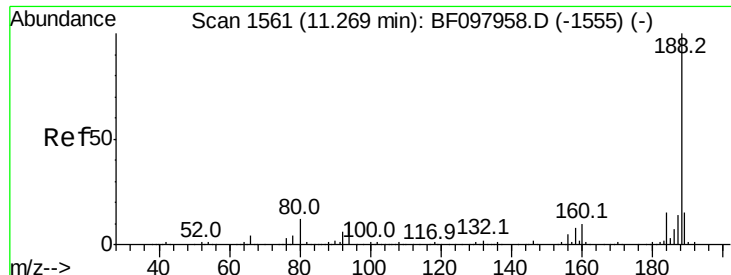
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.2	76.6	115.0
141	36.6	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 95.018 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098039.D
 Acq: 25 Aug 2017 19:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	24.5	19.8	29.8





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF098039.D

Acq: 25 Aug 2017 19:22

Instrument :

BNA_F

ClientSampleId :

PB101833BL

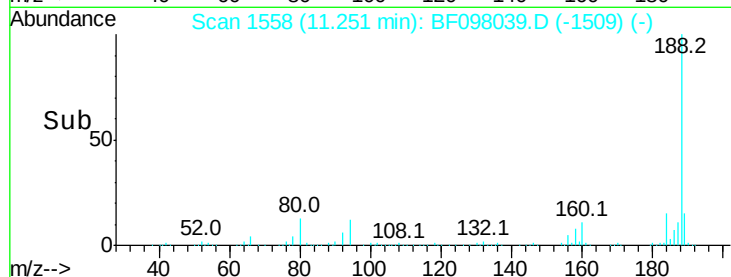
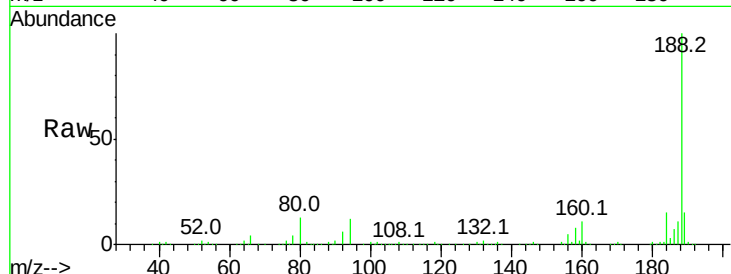
Tot Ion:188 Resp: 410063

Ion Ratio Lower Upper

188 100

94 12.0 9.4 14.2

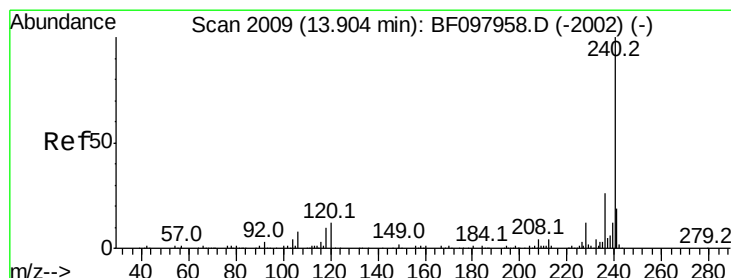
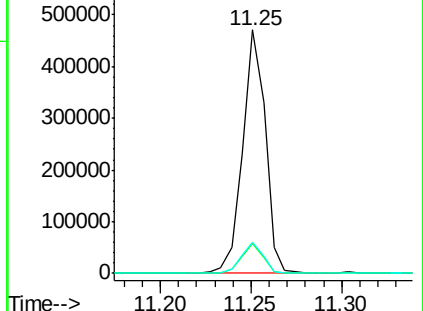
80 12.9 10.2 15.2



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: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF098039.D

Acq: 25 Aug 2017 19:22

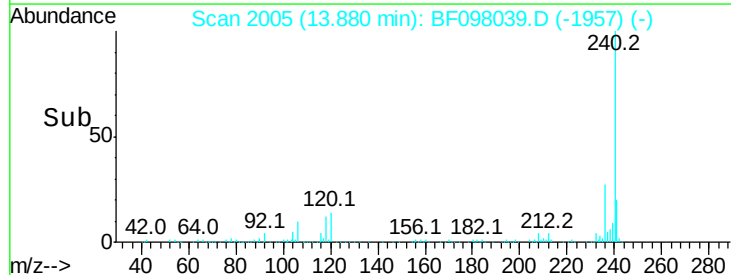
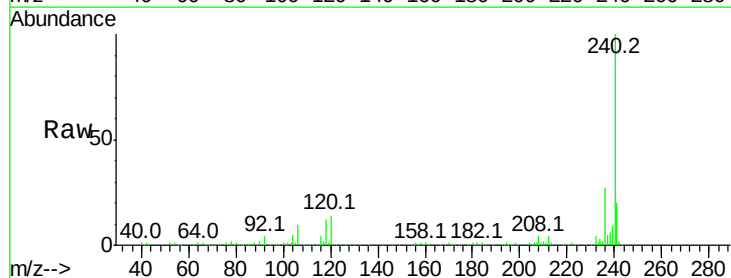
Tgt Ion:240 Resp: 322042

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

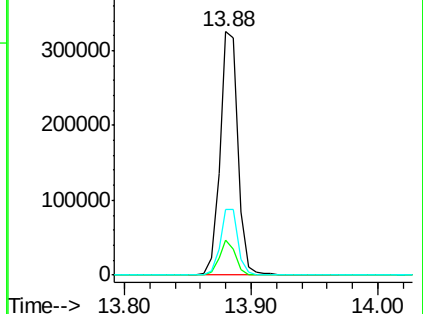
236 26.8 20.5 30.7

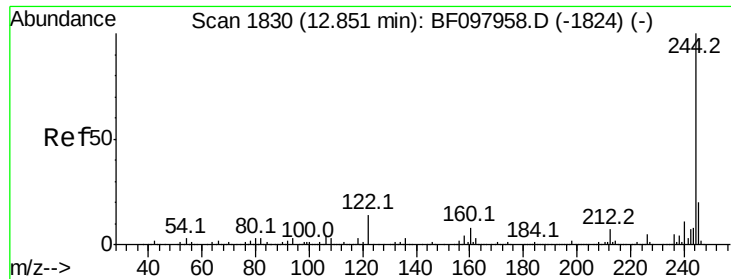


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.975 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF098039.D

Acq: 25 Aug 2017 19:22

Instrument :

BNA_F

ClientSampled :

PB101833BL

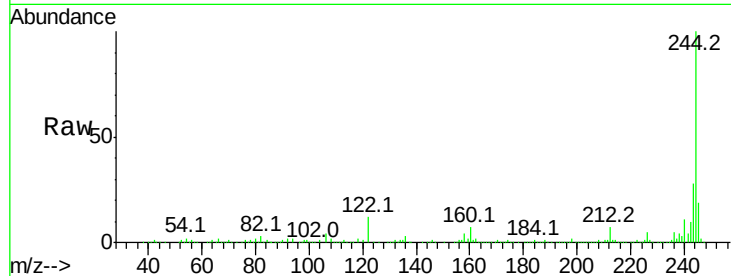
Tot Ion:244 Resp: 1142401

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

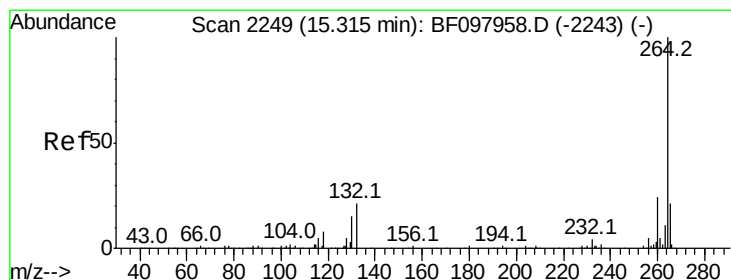
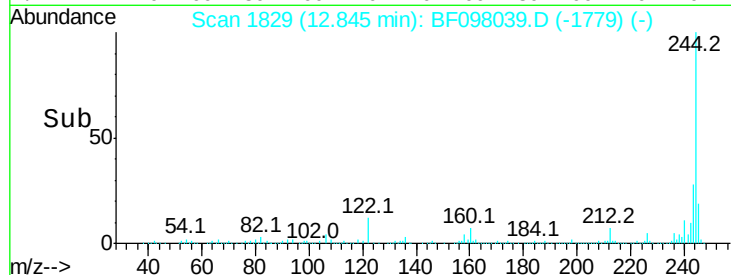
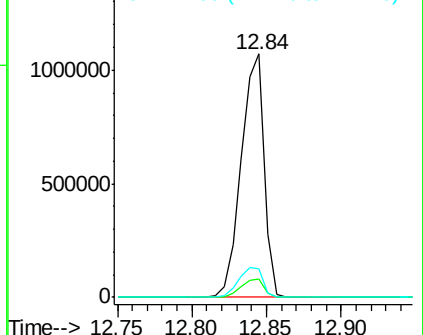
122 11.7 10.3 15.5



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: 20.000 ng

RT: 15.30 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BF098039.D

Acq: 25 Aug 2017 19:22

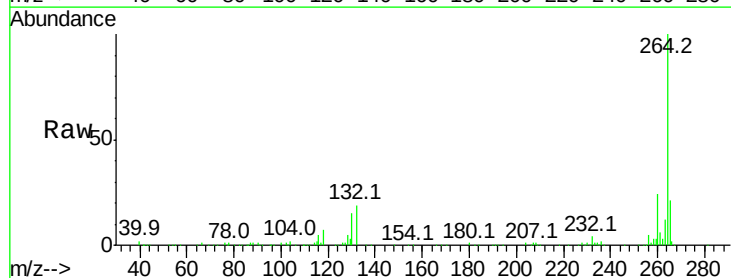
Tgt Ion:264 Resp: 229473

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.3 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

