

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
 Data File : BF098035.D
 Acq On : 25 Aug 2017 17:28
 Operator : SJ/JU
 Sample : PB101788BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101788BL

Quant Time: Aug 25 23:47:58 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	112752	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	451565	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	200131	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	388688	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	316016	20.00	ng	-0.01
86) Perylene-d12	15.30	264	230976	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	978351	131.98	ng	0.00
7) Phenol-d6	6.37	99	1330348	132.09	ng	-0.01
23) Nitrobenzene-d5	7.30	82	816293	98.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	239142	137.72	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1200453	88.13	ng	-0.01
78) Terphenyl-d14	12.84	244	1056046	69.69	ng	0.00

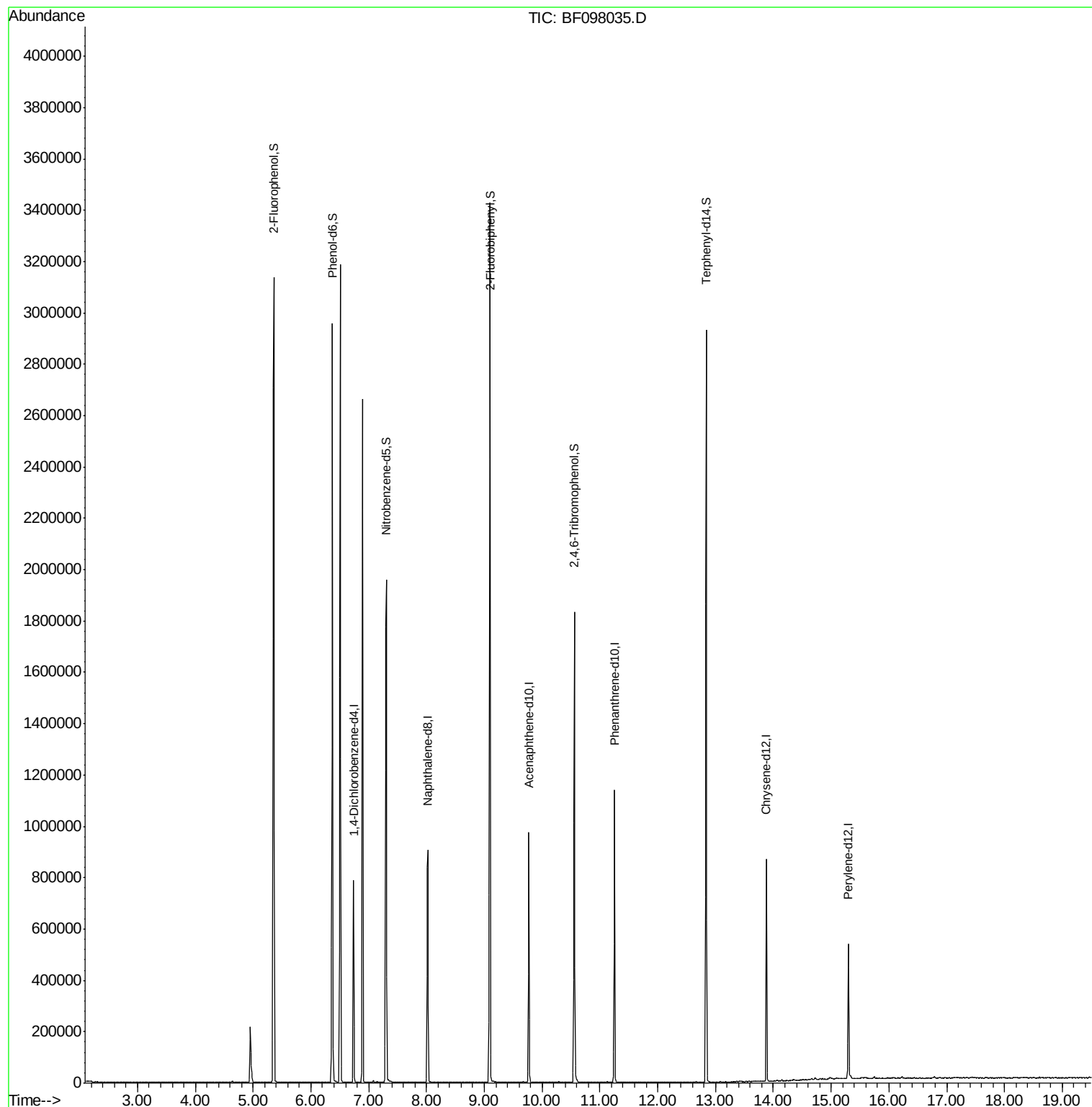
Target Compounds Qvalue

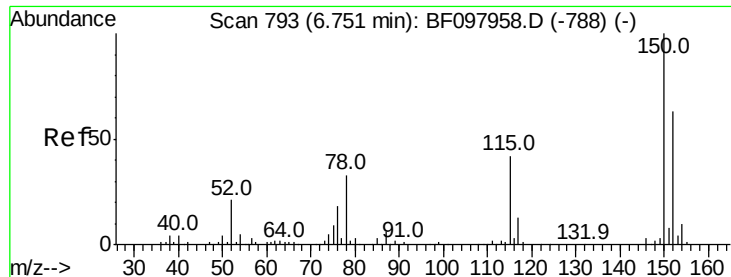
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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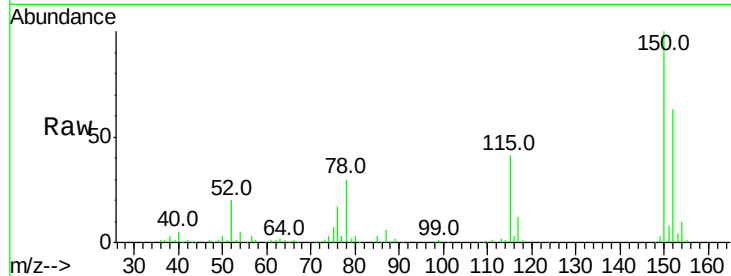


#1

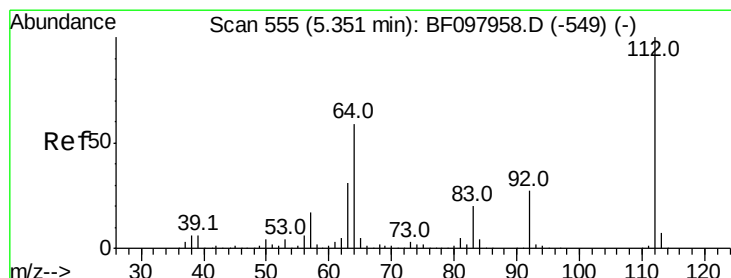
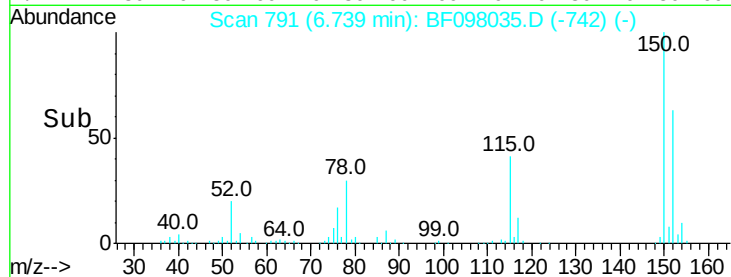
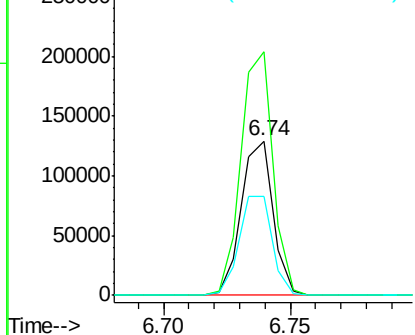
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF098035.D
 Acq: 25 Aug 2017 17:28

Instrument :
 BNA_F
 ClientSampleID :
 PB101788BL

Tot Ion:152 Resp: 112752
 Ion Ratio Lower Upper
 152 100
 150 157.5 126.2 189.2
 115 63.9 52.2 78.2



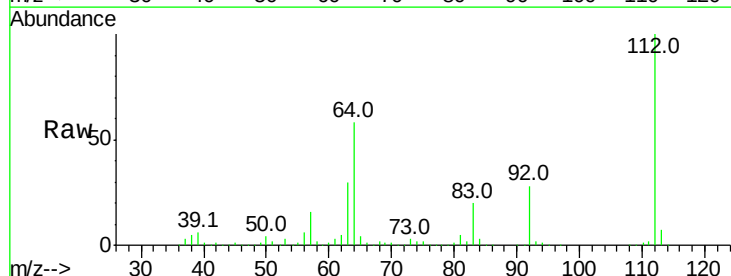
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



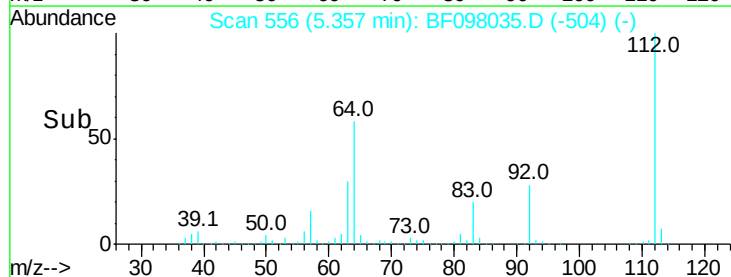
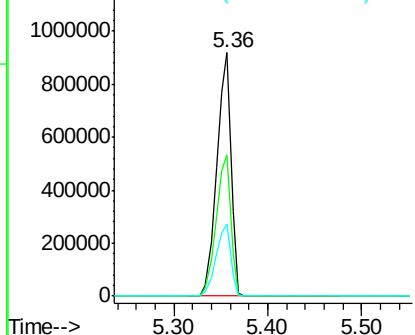
#5

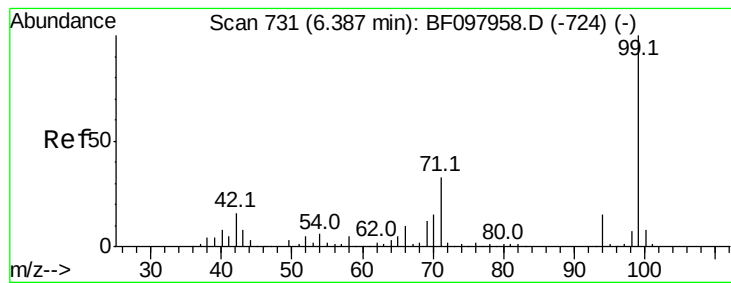
2-Fluorophenol
 Concen: 131.984 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF098035.D
 Acq: 25 Aug 2017 17:28

Tgt Ion:112 Resp: 978351
 Ion Ratio Lower Upper
 112 100
 64 58.1 46.0 69.0
 63 29.7 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: 132.088 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098035.D

Acq: 25 Aug 2017 17:28

Instrument :

BNA_F

ClientSampleId :

PB101788BL

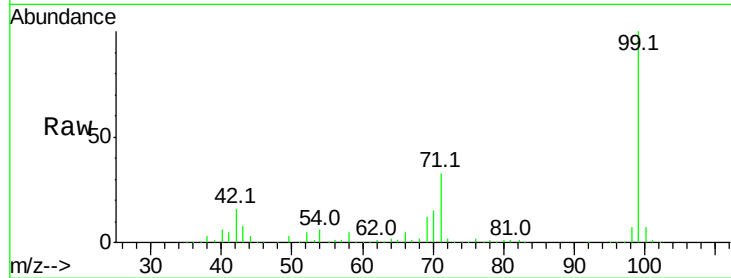
Tot Ion: 99 Resp: 1330348

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

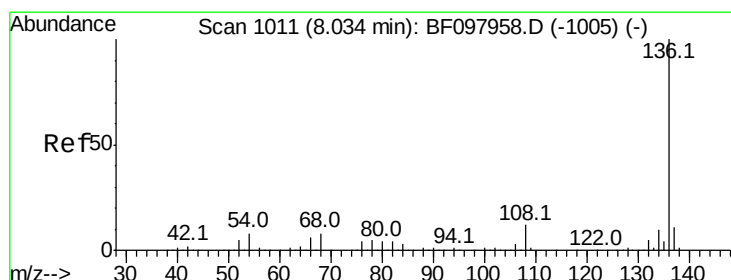
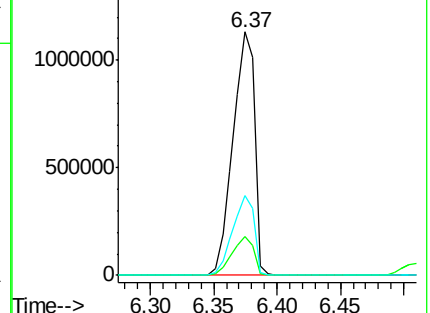
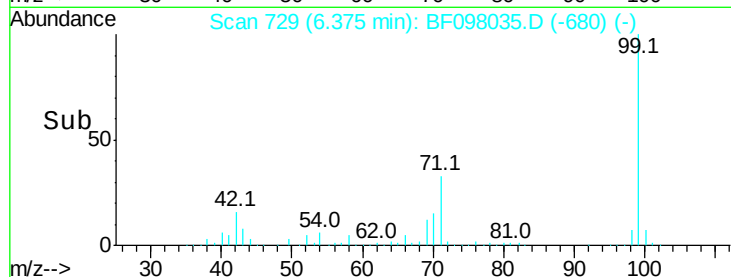
71 32.7 24.5 36.7



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: BF098035.D

Acq: 25 Aug 2017 17:28

Tgt Ion: 136 Resp: 451565

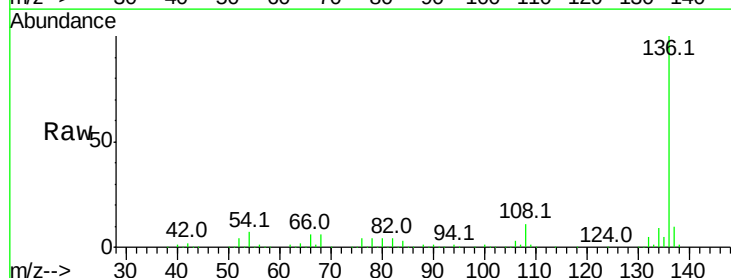
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 7.1 4.9 7.3

68 6.4 4.1 6.1#

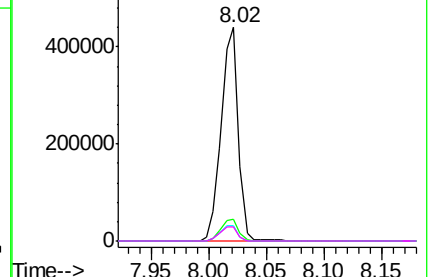
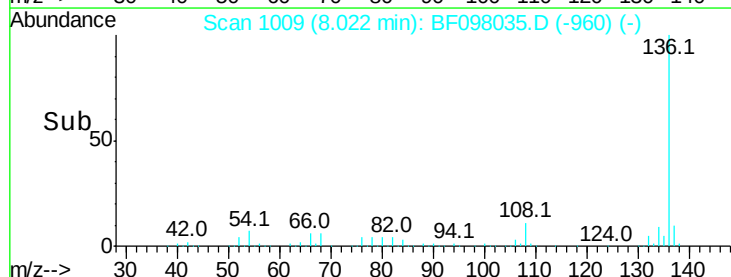


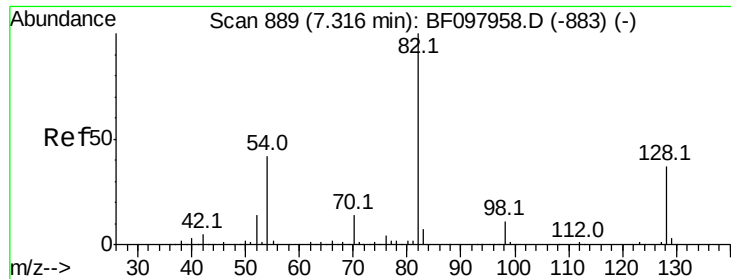
Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.202 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF098035.D

Acq: 25 Aug 2017 17:28

Instrument :

BNA_F

ClientSampleId :

PB101788BL

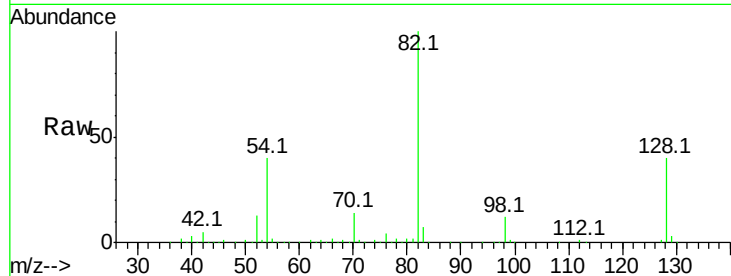
Tot Ion: 82 Resp: 816293

Ion Ratio Lower Upper

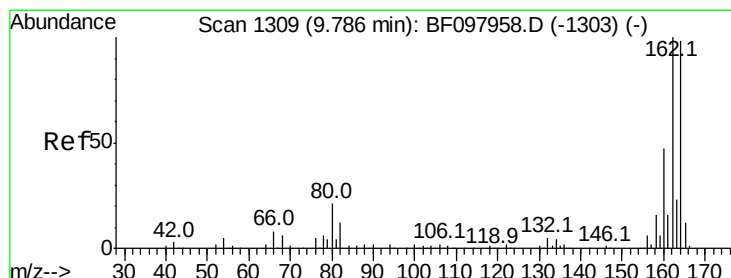
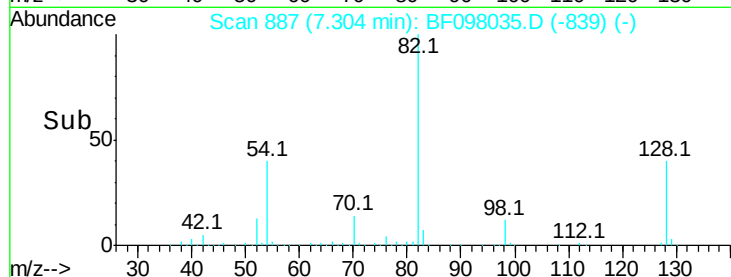
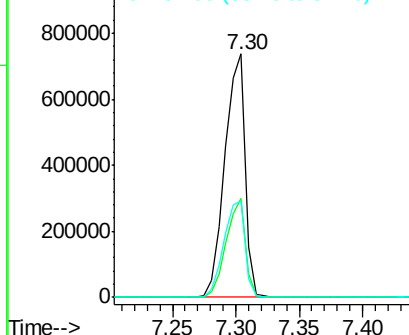
82 100

128 40.4 34.0 51.0

54 39.7 42.2 63.2#



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: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF098035.D

Acq: 25 Aug 2017 17:28

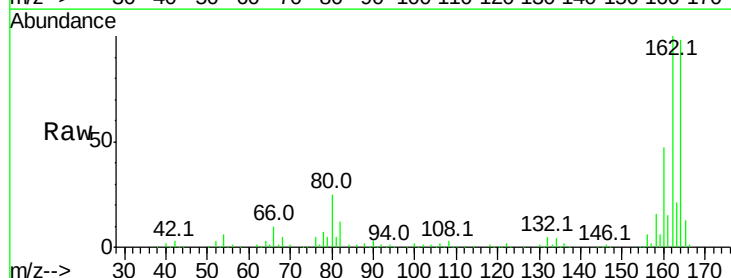
Tgt Ion:164 Resp: 200131

Ion Ratio Lower Upper

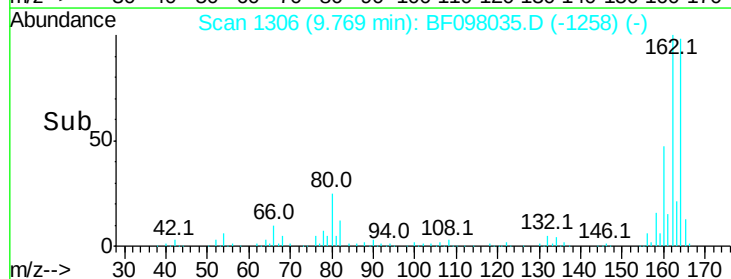
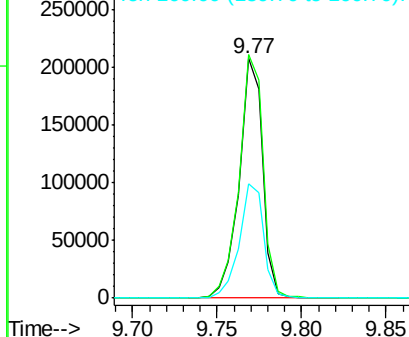
164 100

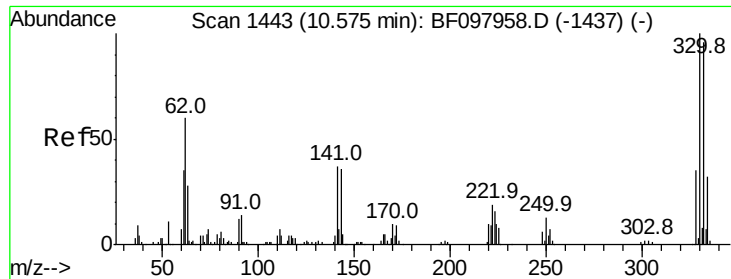
162 101.8 82.6 123.8

160 47.6 36.2 54.2



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

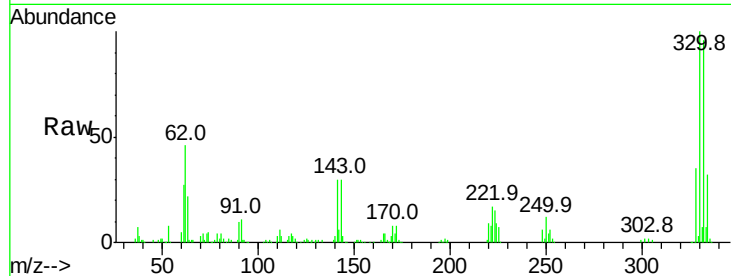




#41
 2,4,6-Tribromophenol
 Concen: 137.718 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098035.D
 Acq: 25 Aug 2017 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB101788BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	38.5	31.4	47.2

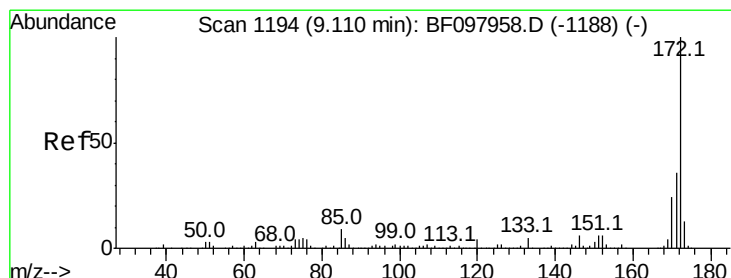
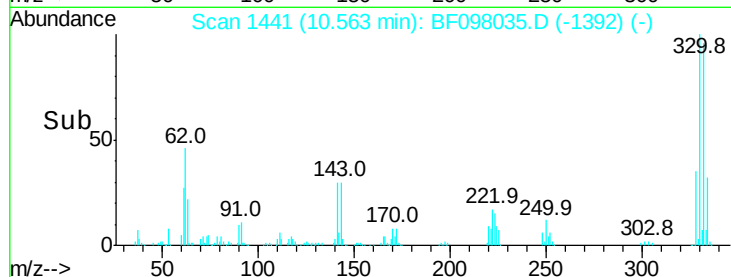
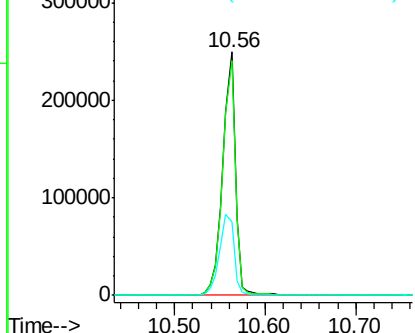


Abundance

Ion 329.80 (329.50 to 330.50): E

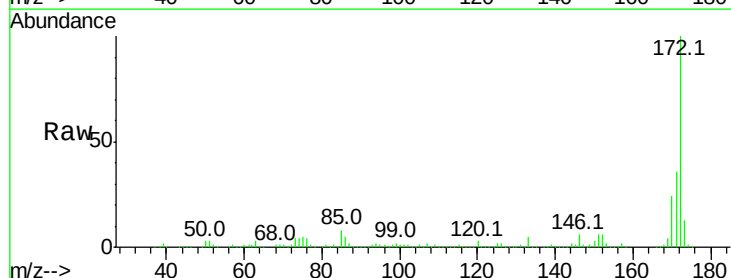
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.128 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098035.D
 Acq: 25 Aug 2017 17:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.4	19.8	29.8

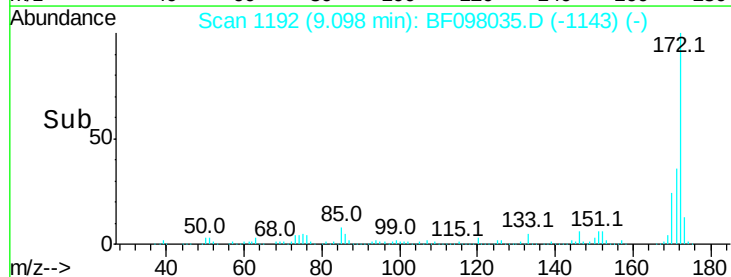
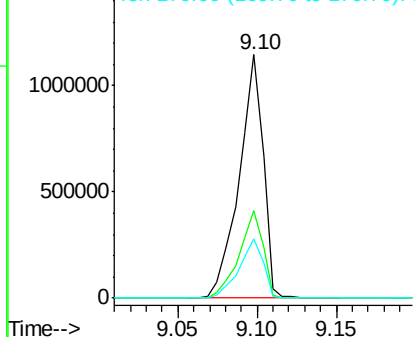


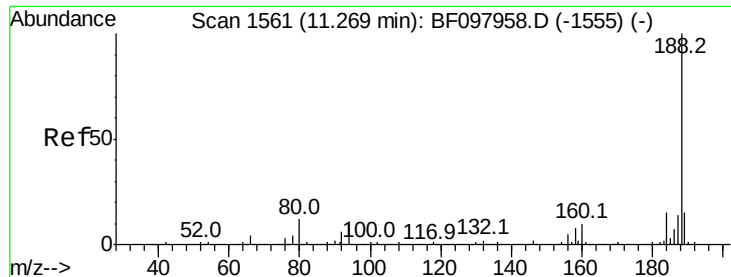
Abundance

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

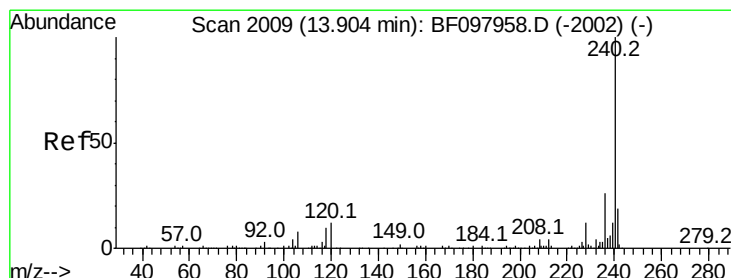
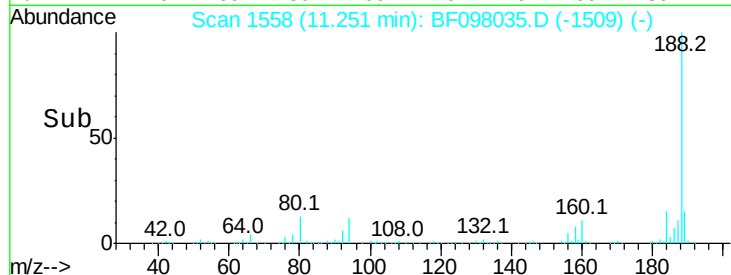
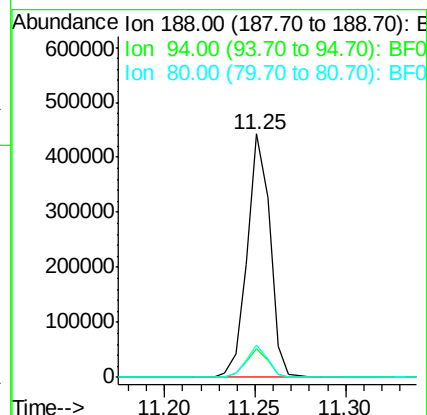
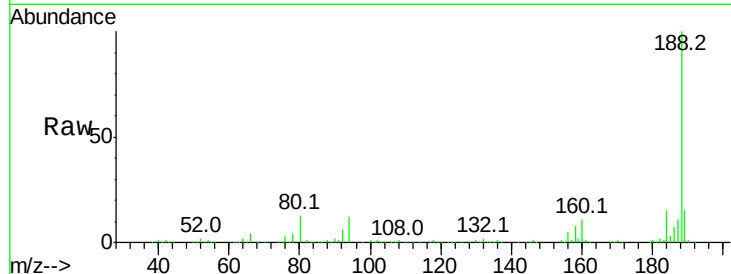




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF098035.D
Acq: 25 Aug 2017 17:28

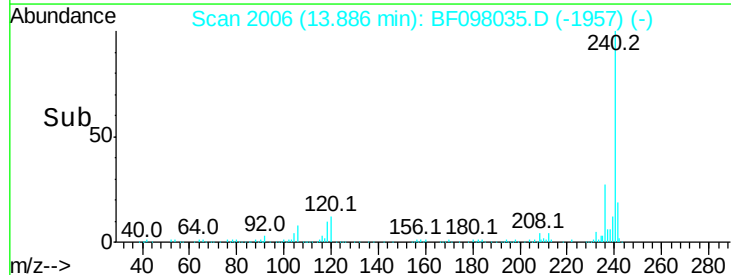
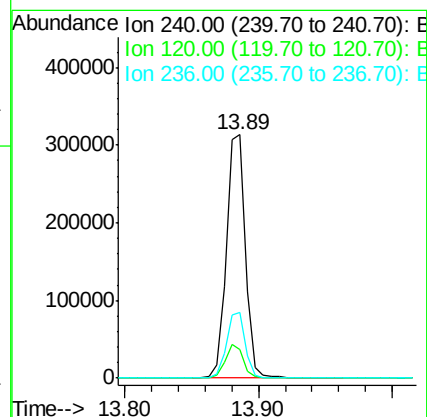
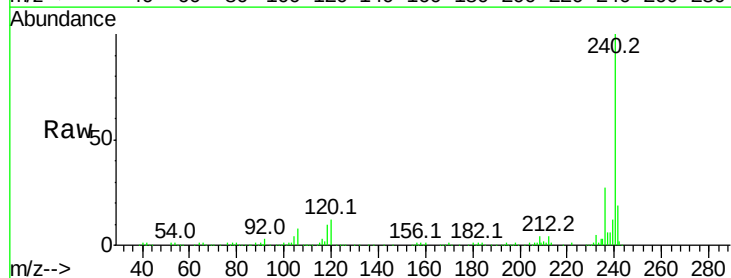
Instrument :
BNA_F
ClientSampleId :
PB101788BL

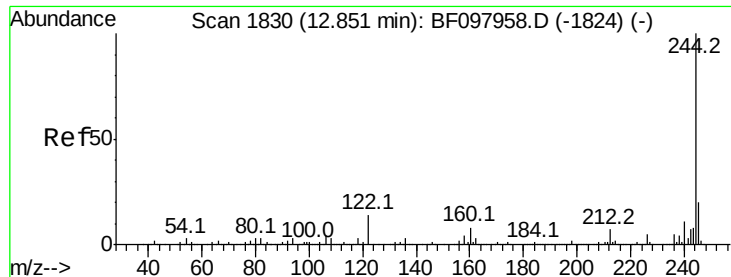
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.4	14.2
80	13.3	10.2	15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF098035.D
Acq: 25 Aug 2017 17:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	5.8	8.8#
236	27.1	20.5	30.7





#78

Terphenyl-d14

Concen: 69.687 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF098035.D

Acq: 25 Aug 2017 17:28

Instrument :

BNA_F

ClientSampleId :

PB101788BL

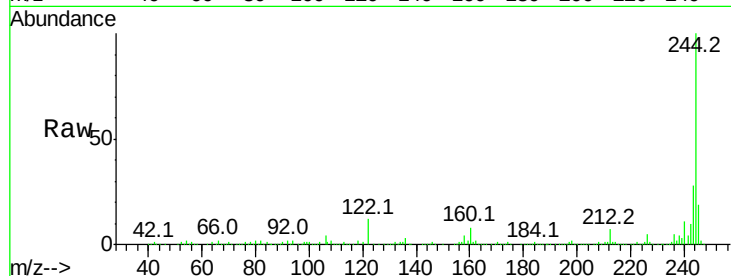
Tot Ion:244 Resp: 1056046

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

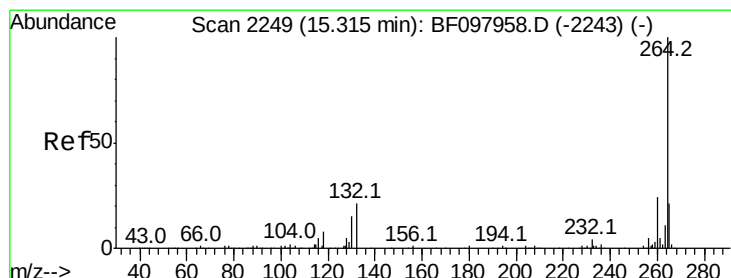
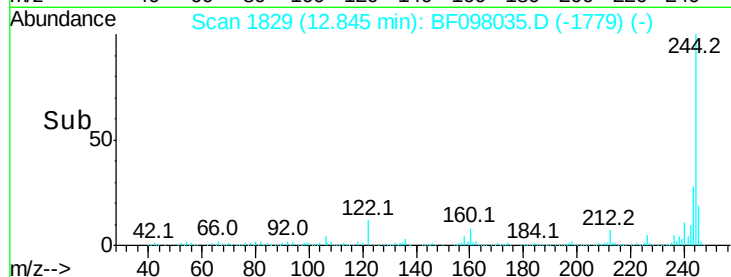
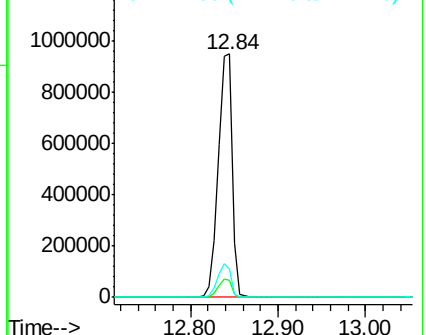
122 11.7 10.3 15.5



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: BF098035.D

Acq: 25 Aug 2017 17:28

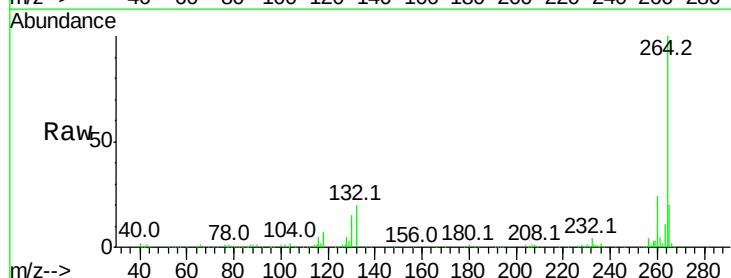
Tgt Ion:264 Resp: 230976

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 20.1 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

