

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
 Data File : BF098003.D
 Acq On : 24 Aug 2017 15:50
 Operator : SJ/JU
 Sample : PB101787BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101787BL

Quant Time: Aug 25 01:22:00 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	113143	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	453525	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	200198	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	397718	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	379298	20.00	ng	-0.01
86) Perylene-d12	15.30	264	311655	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	966641	129.95	ng	0.00
7) Phenol-d6	6.37	99	1275485	126.20	ng	-0.01
23) Nitrobenzene-d5	7.30	82	798615	95.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	239317	137.77	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1186272	87.06	ng	-0.01
78) Terphenyl-d14	12.84	244	1081702	59.47	ng	0.00

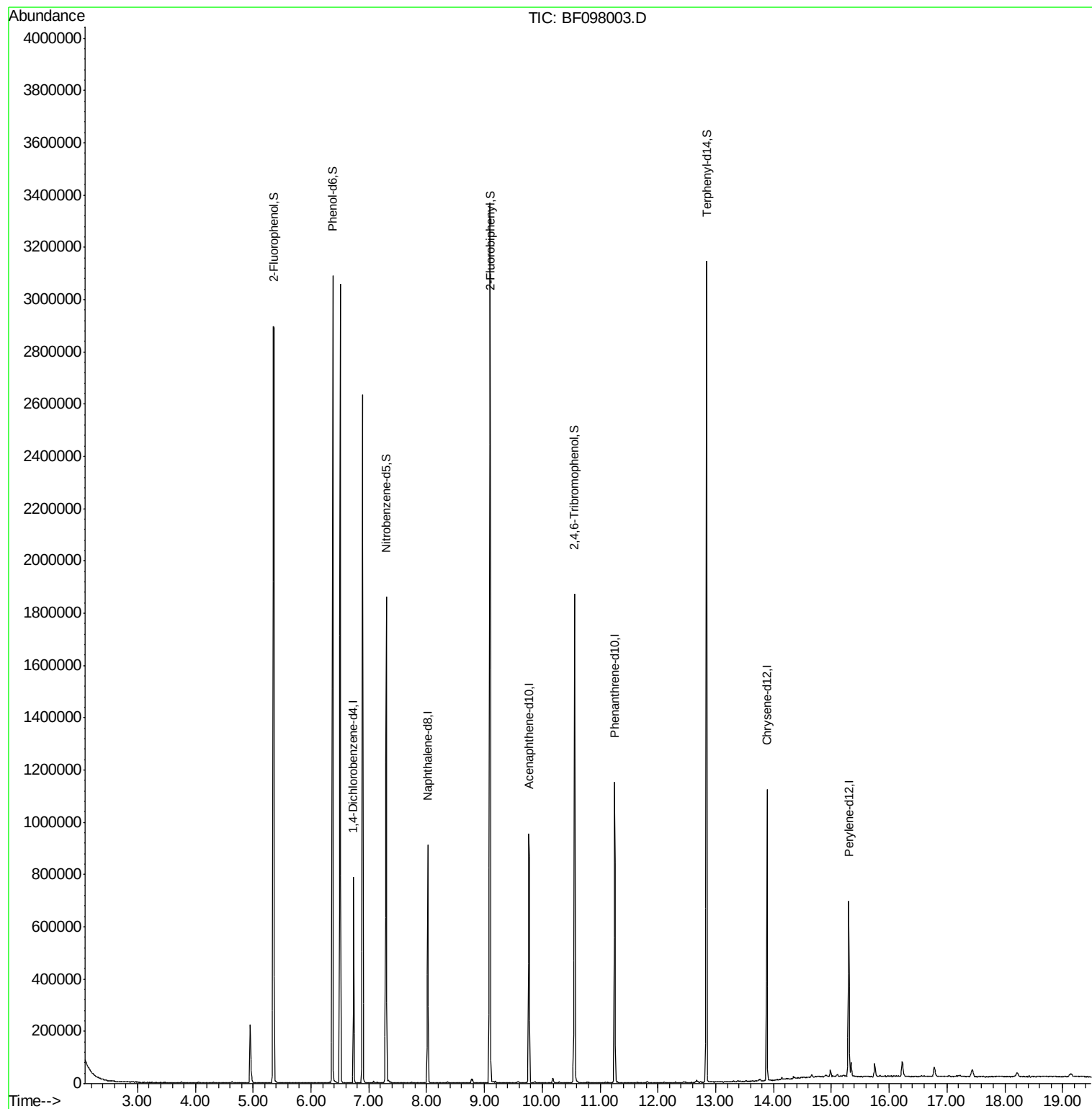
Target Compounds Qvalue

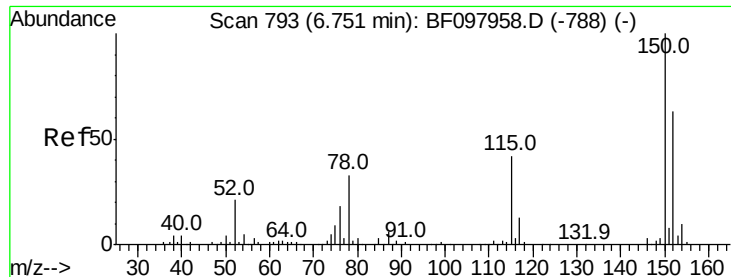
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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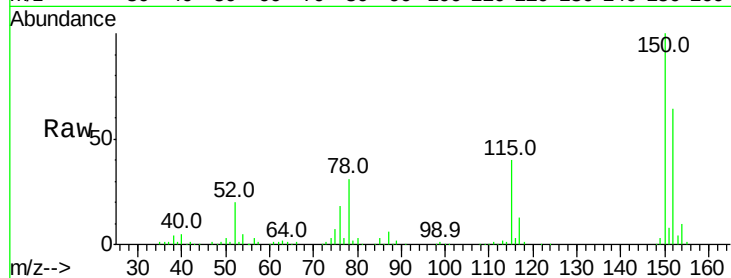


#1

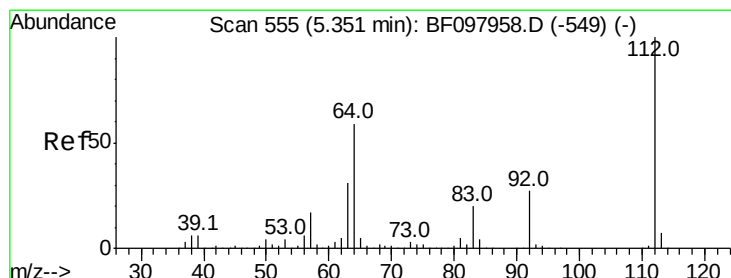
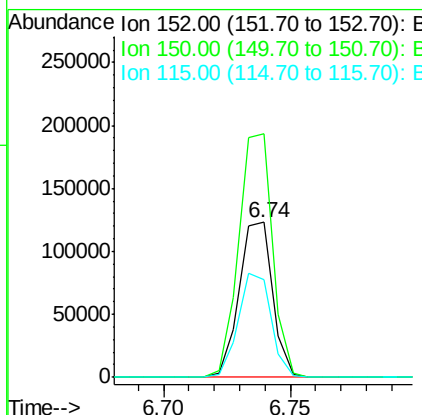
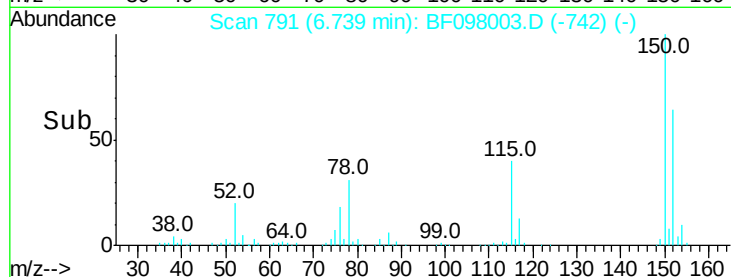
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098003.D
Acq: 24 Aug 2017 15:50

Instrument :
BNA_F
ClientSampleId :
PB101787BL

Tot Ion:152 Resp: 113143
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 63.1 52.2 78.2



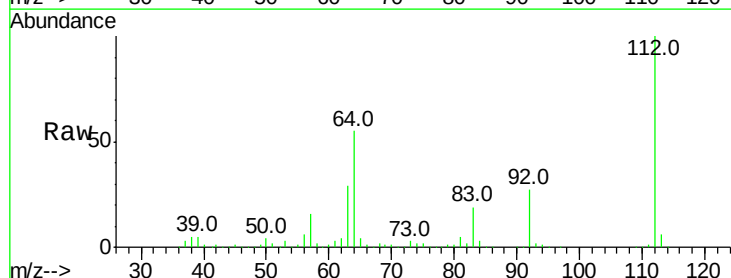
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



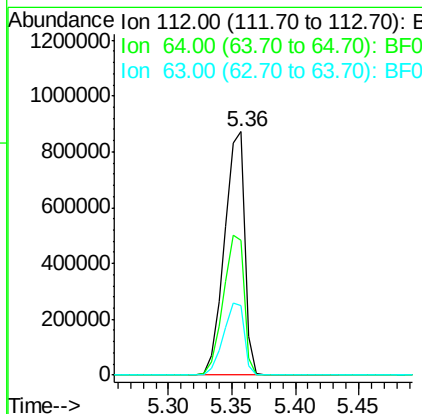
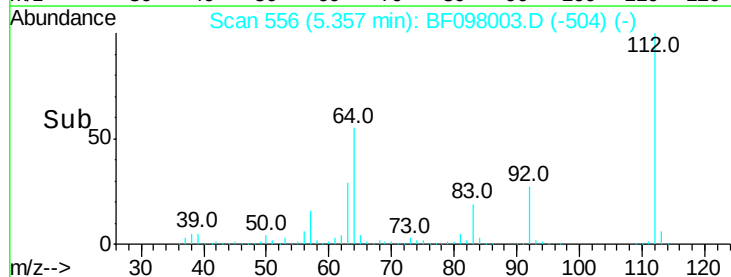
#5

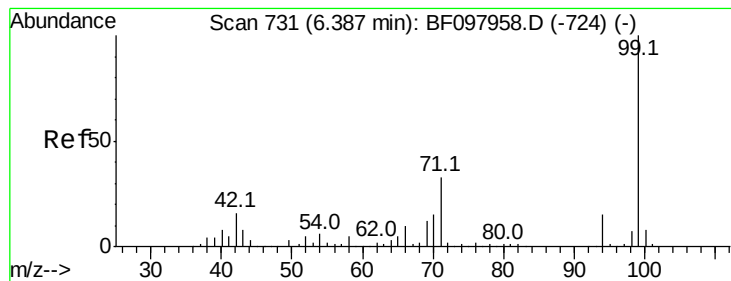
2-Fluorophenol
Concen: 129.953 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF098003.D
Acq: 24 Aug 2017 15:50

Tgt Ion:112 Resp: 966641
Ion Ratio Lower Upper
112 100
64 55.3 46.0 69.0
63 28.6 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: 126.203 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098003.D

Acq: 24 Aug 2017 15:50

Instrument :

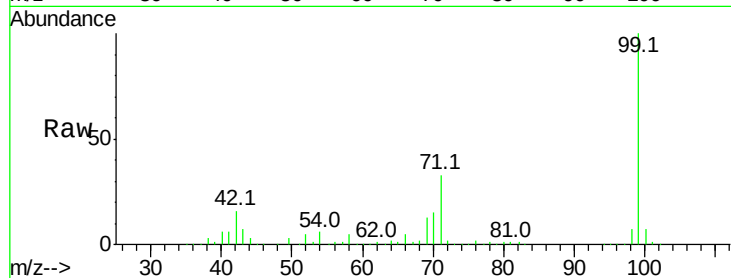
BNA_F

ClientSampleId :

PB101787BL

Tot Ion: 99 Resp: 1275485

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	33.2	24.5	36.7

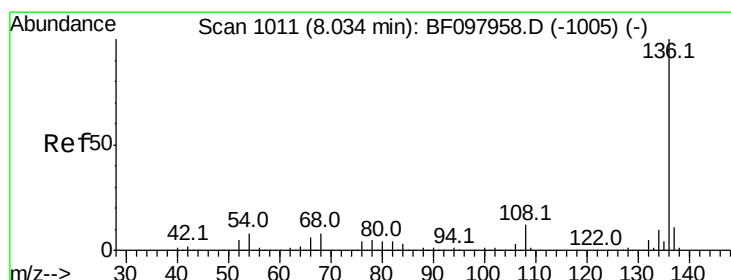
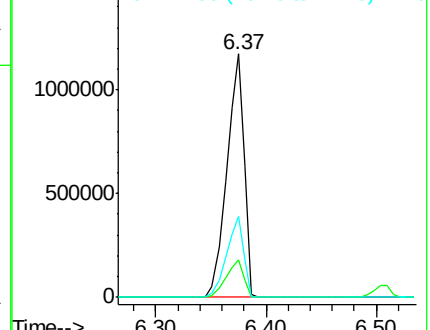
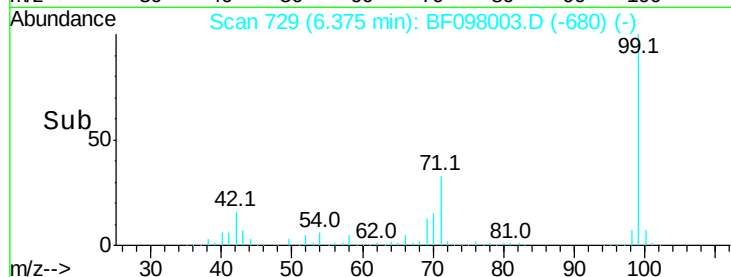


Abundance

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

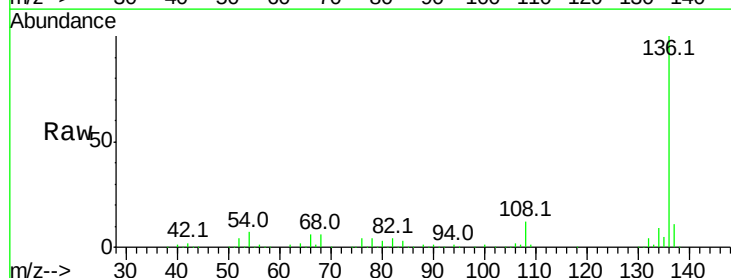
Delta R.T. -0.01 min

Lab File: BF098003.D

Acq: 24 Aug 2017 15:50

Tgt Ion: 136 Resp: 453525

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.7	4.9	7.3
68	6.4	4.1	6.1#



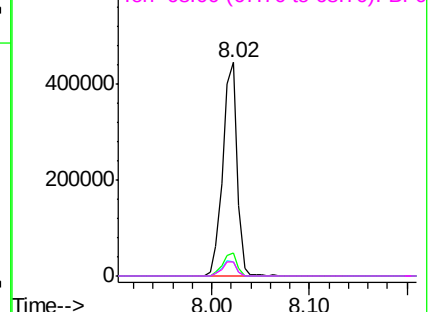
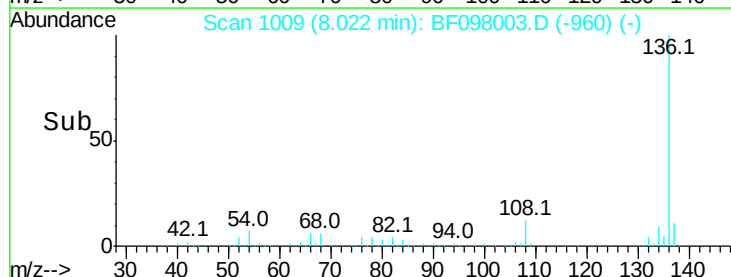
Abundance

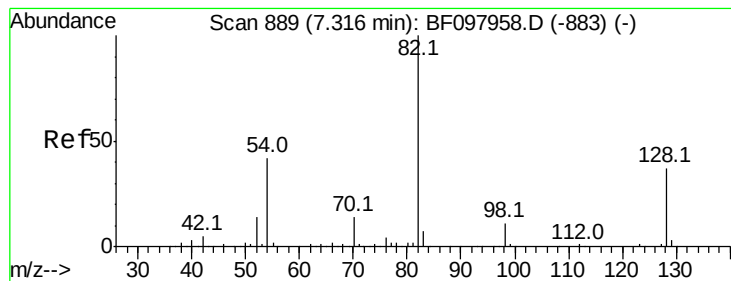
Ion 136.00 (135.70 to 136.70): E

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: 95.661 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF098003.D

Acq: 24 Aug 2017 15:50

Instrument :

BNA_F

ClientSampleId :

PB101787BL

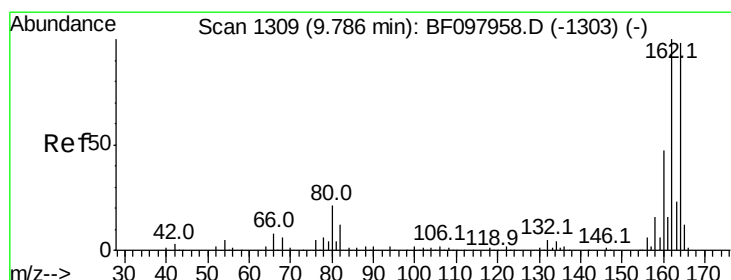
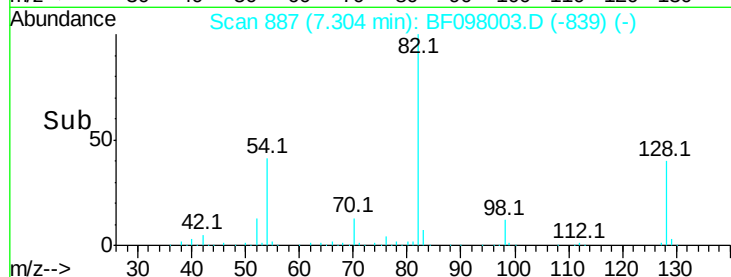
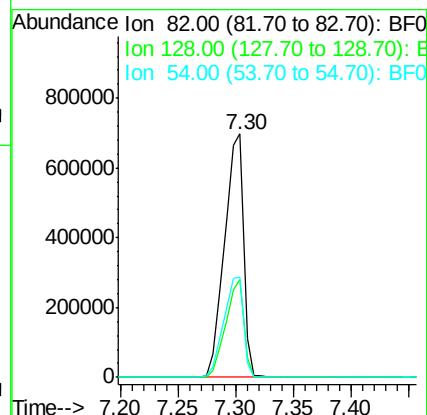
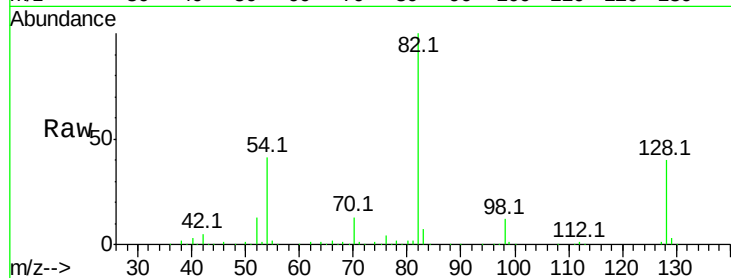
Tot Ion: 82 Resp: 798615

Ion Ratio Lower Upper

82 100

128 40.3 34.0 51.0

54 41.0 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: BF098003.D

Acq: 24 Aug 2017 15:50

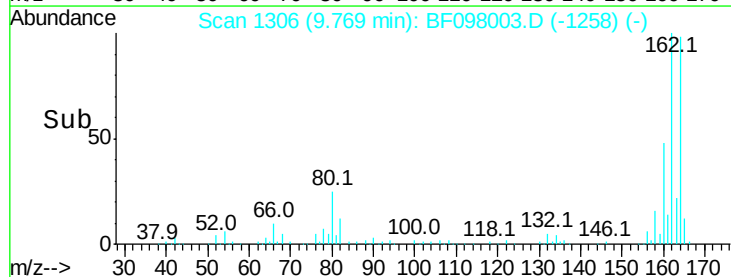
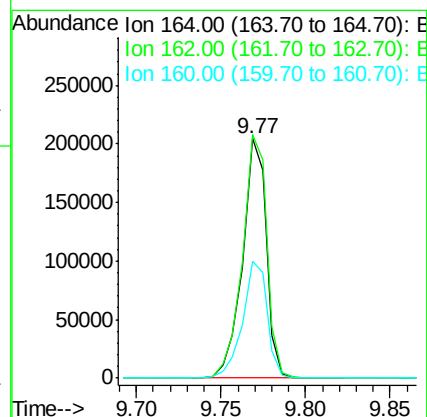
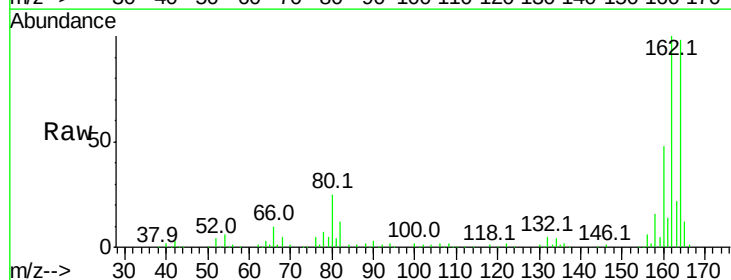
Tgt Ion:164 Resp: 200198

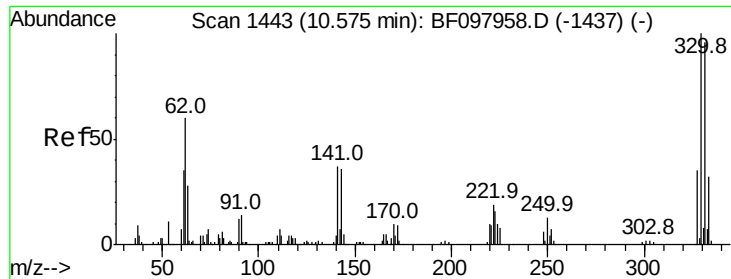
Ion Ratio Lower Upper

164 100

162 101.7 82.6 123.8

160 48.7 36.2 54.2

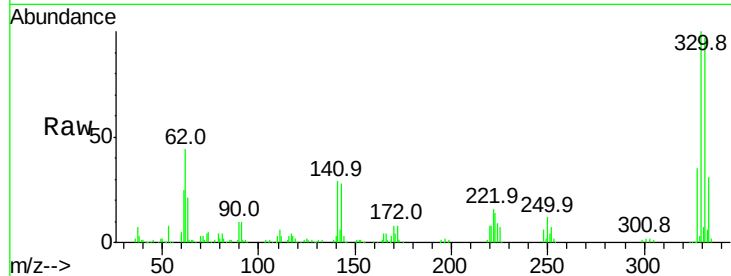




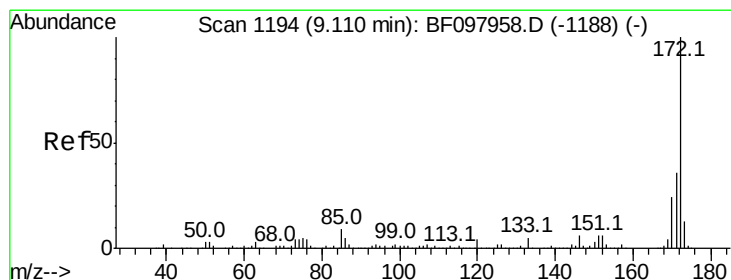
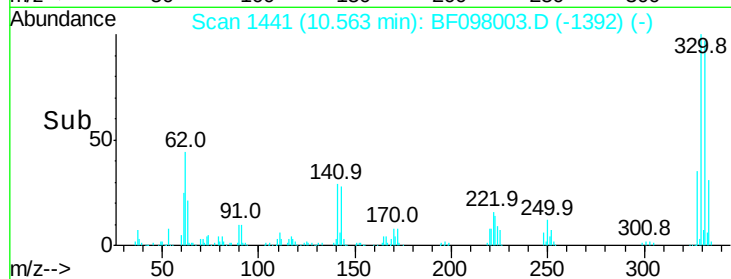
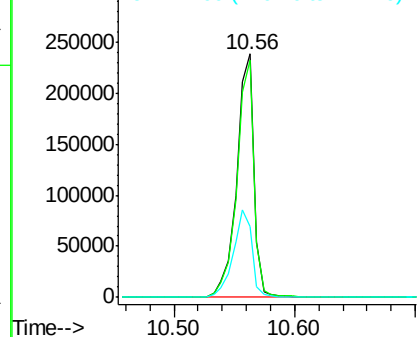
#41
 2,4,6-Tribromophenol
 Concen: 137.773 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098003.D
 Acq: 24 Aug 2017 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB101787BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	38.9	31.4	47.2

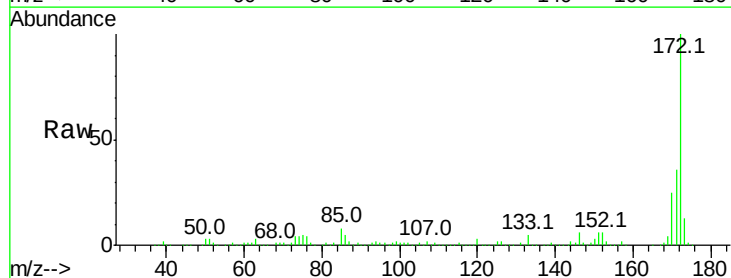


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

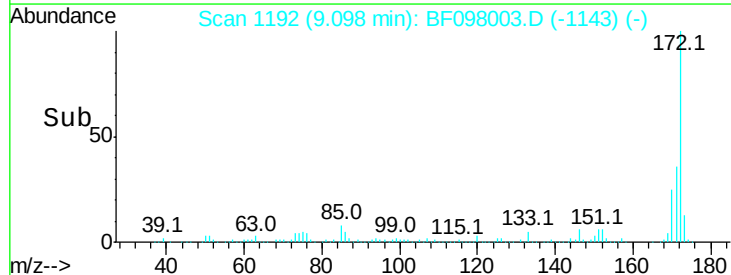
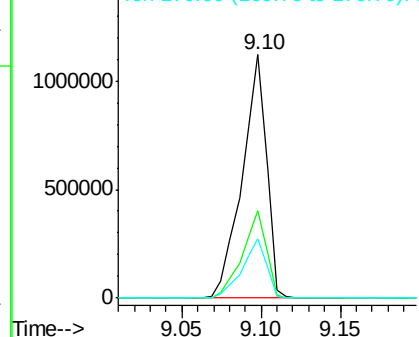


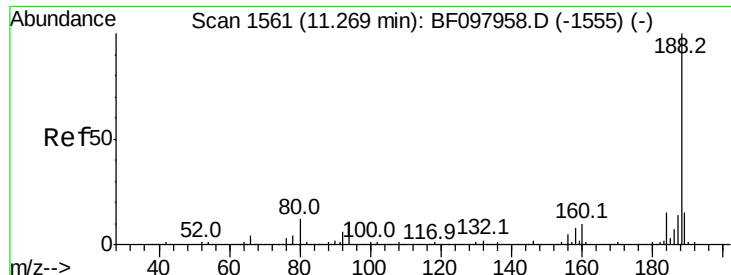
#44
 2-Fluorobiphenyl
 Concen: 87.058 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098003.D
 Acq: 24 Aug 2017 15:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.6	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: BF098003.D

Acq: 24 Aug 2017 15:50

Instrument :

BNA_F

ClientSampleId :

PB101787BL

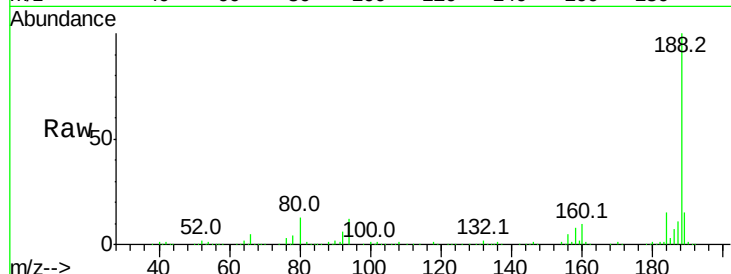
Tot Ion:188 Resp: 397718

Ion Ratio Lower Upper

188 100

94 12.2 9.4 14.2

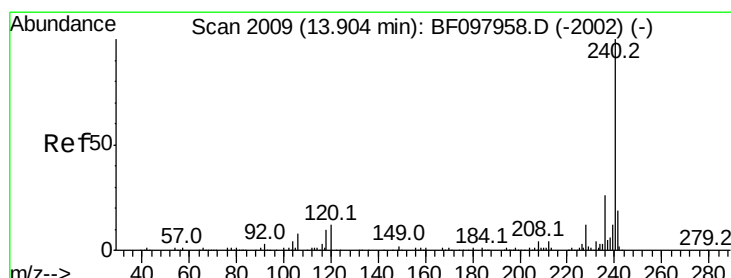
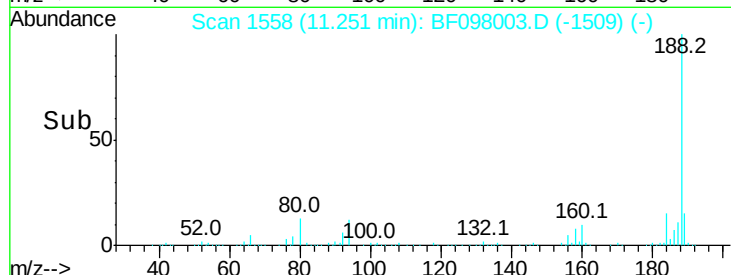
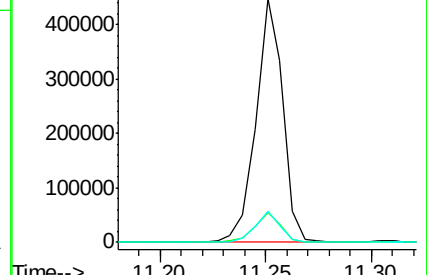
80 12.6 10.2 15.2



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: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF098003.D

Acq: 24 Aug 2017 15:50

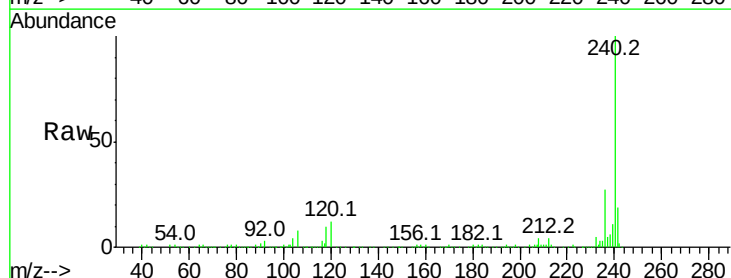
Tgt Ion:240 Resp: 379298

Ion Ratio Lower Upper

240 100

120 11.7 5.8 8.8#

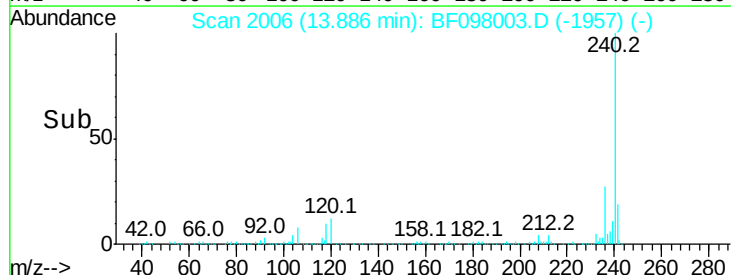
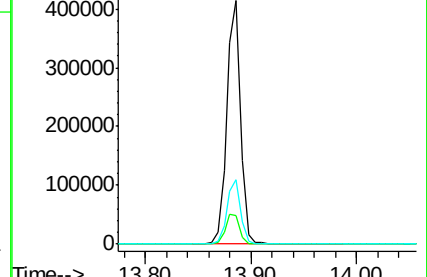
236 26.6 20.5 30.7

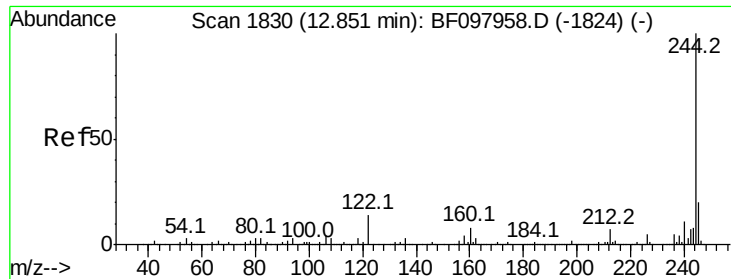


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

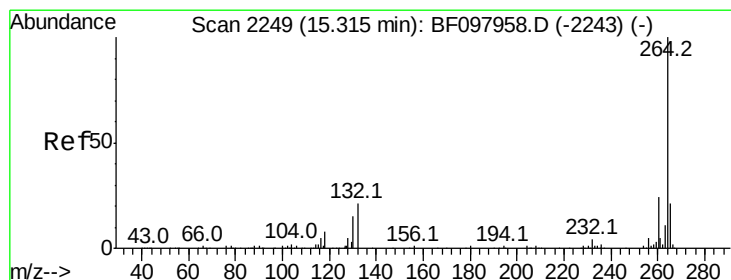
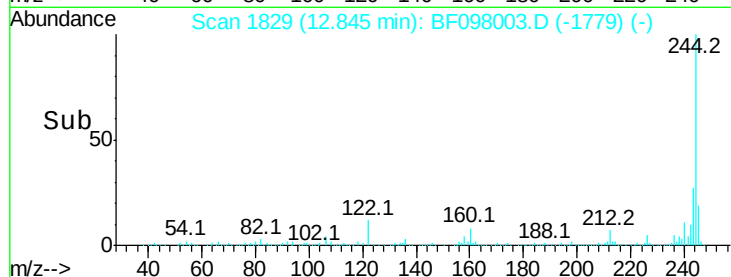
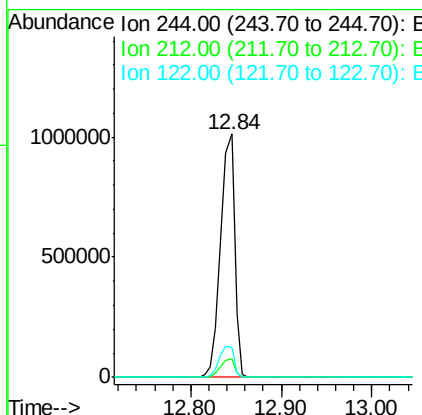
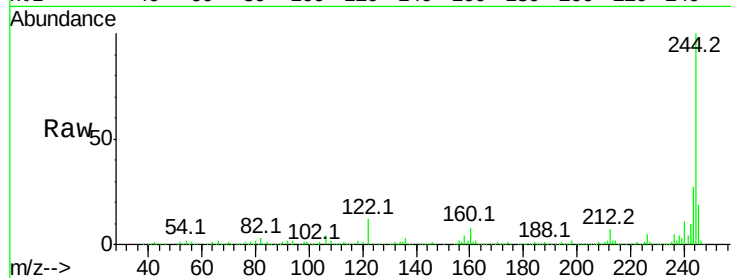




#78
 Terphenyl-d14
 Concen: 59.471 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF098003.D
 Acq: 24 Aug 2017 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB101787BL

Tot Ion:244 Resp: 1081702
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 12.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF098003.D
 Acq: 24 Aug 2017 15:50

Tgt Ion:264 Resp: 311655
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.4 17.2 25.8

