

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098079.D
 Acq On : 28 Aug 2017 21:19
 Operator : SJ/JU
 Sample : I4923-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB01-GW

Quant Time: Aug 29 08:57:50 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	114408	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	455042	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	202660	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	394682	20.00	ng	0.00
75) Chrysene-d12	13.89	240	366810	20.00	ng	0.00
86) Perylene-d12	15.31	264	309780	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	278625	37.04	ng	-0.01
7) Phenol-d6	6.37	99	234098	22.91	ng	-0.02
23) Nitrobenzene-d5	7.30	82	707235	84.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	150318	85.49	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1072184	77.73	ng	-0.01
78) Terphenyl-d14	12.85	244	1015634	57.74	ng	0.00

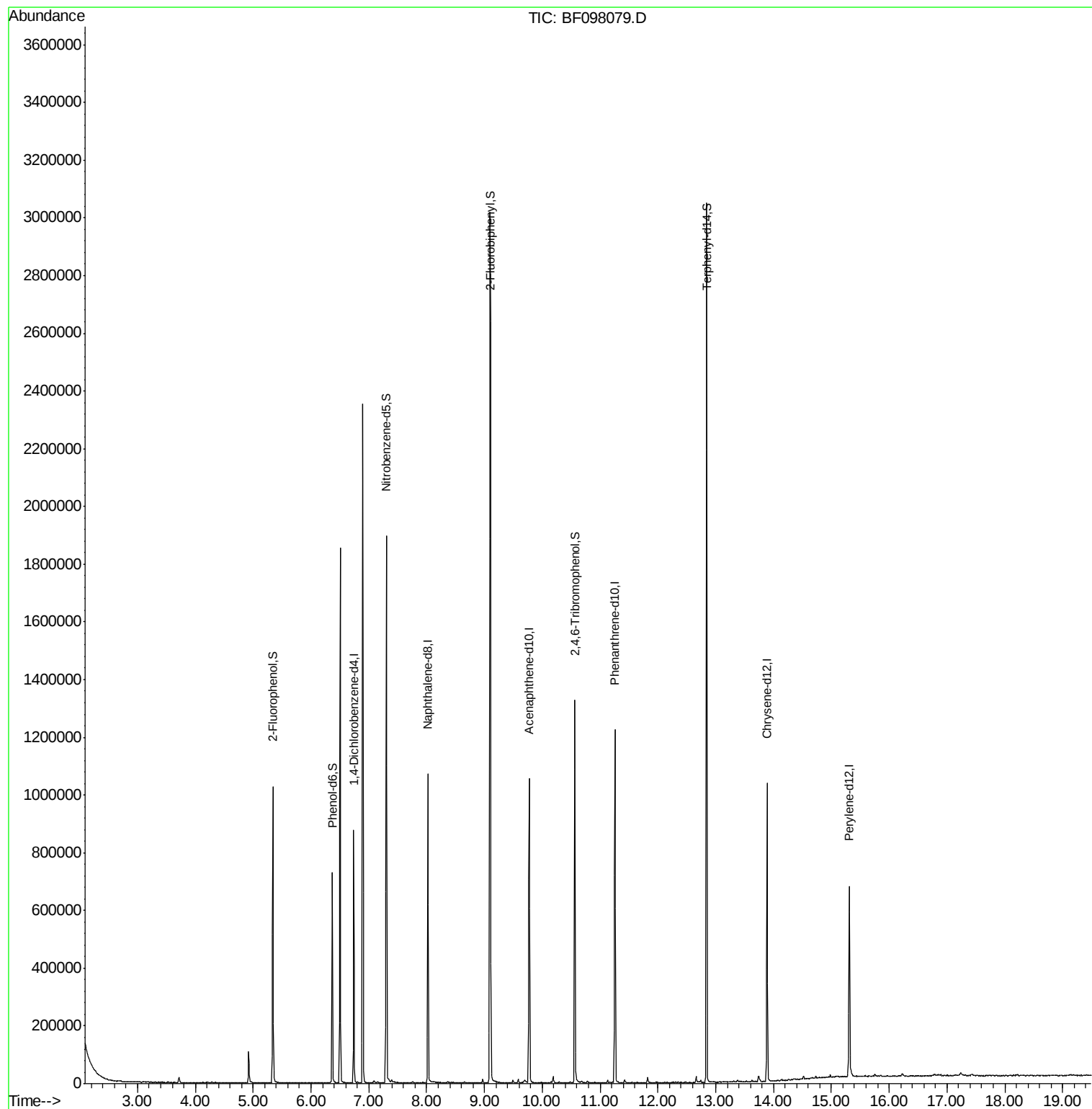
Target Compounds Qvalue

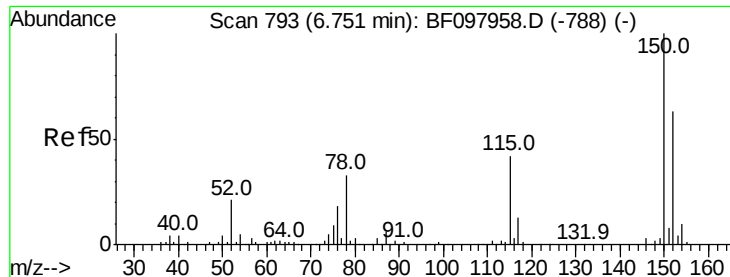
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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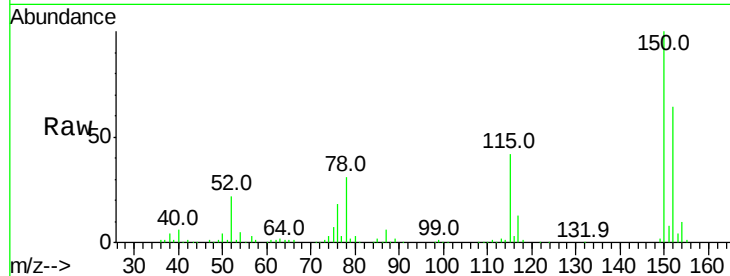


#1

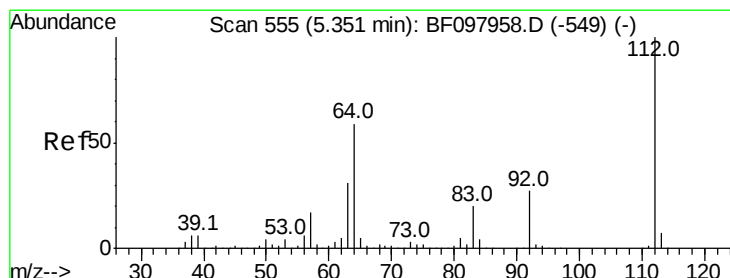
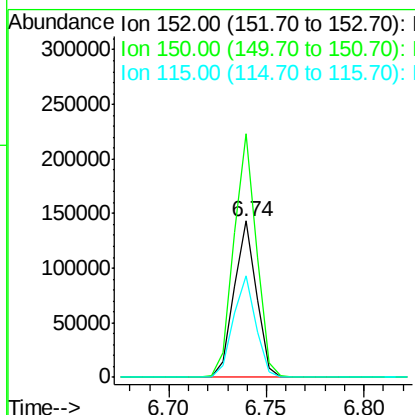
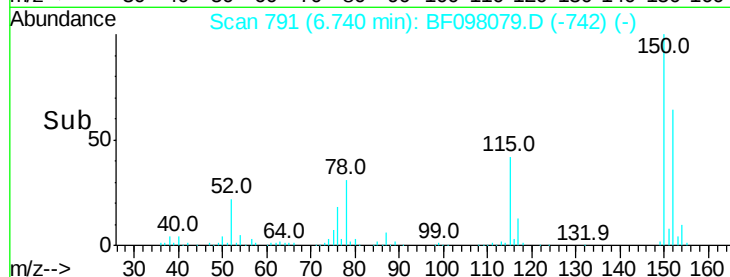
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF098079.D
 Acq: 28 Aug 2017 21:19

Instrument :
 BNA_F
 ClientSampleId :
 SB01-GW

Tot Ion:152 Resp: 114408
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.2 189.2
 115 65.3 52.2 78.2



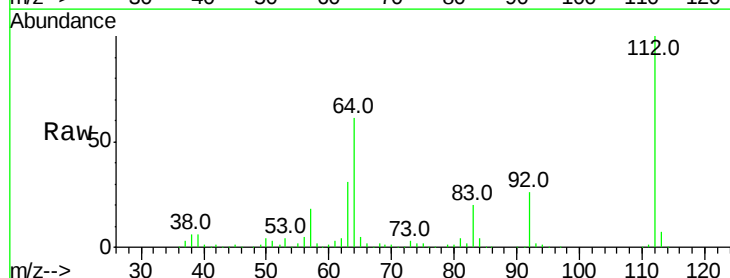
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



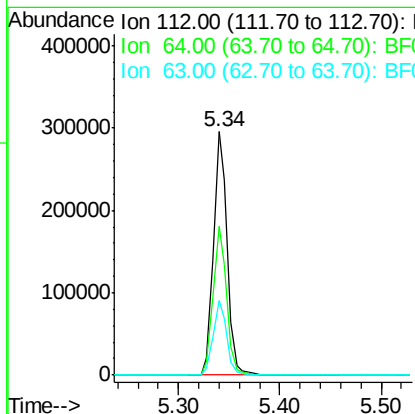
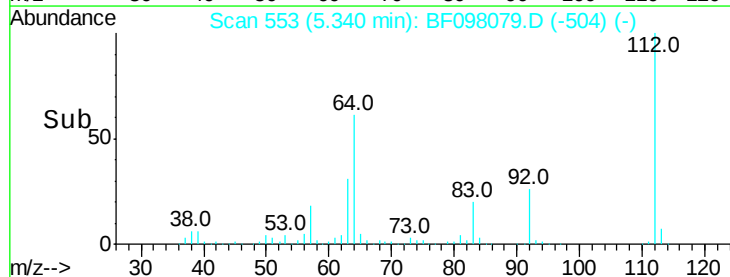
#5

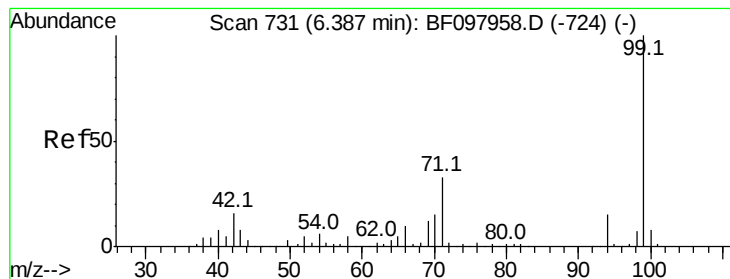
2-Fluorophenol
 Concen: 37.044 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF098079.D
 Acq: 28 Aug 2017 21:19

Tgt Ion:112 Resp: 278625
 Ion Ratio Lower Upper
 112 100
 64 60.9 46.0 69.0
 63 30.6 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: 22.907 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF098079.D

Acq: 28 Aug 2017 21:19

Instrument :

BNA_F

ClientSampleId :

SB01-GW

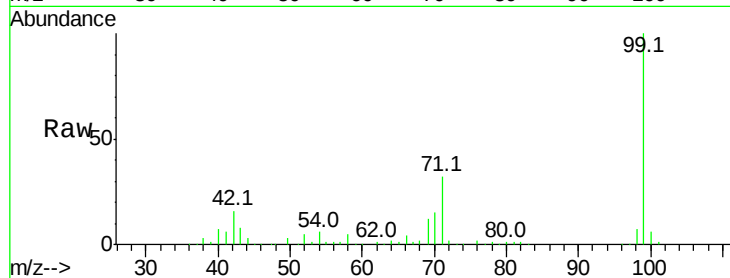
Tot Ion: 99 Resp: 234098

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

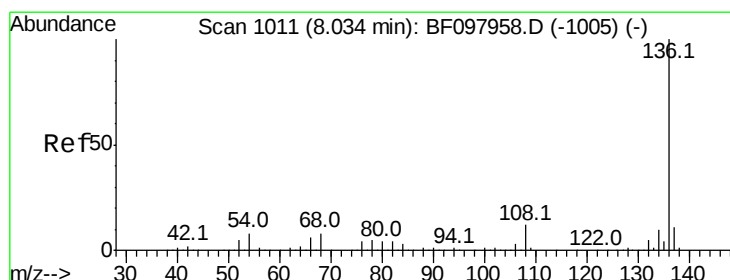
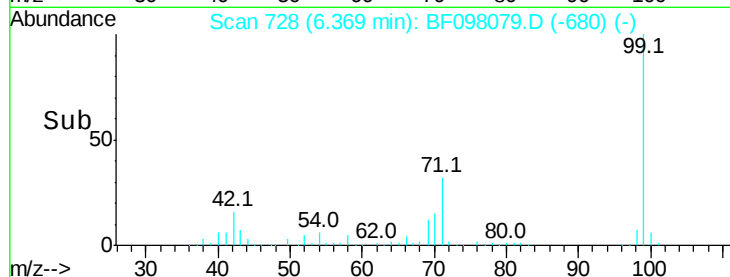
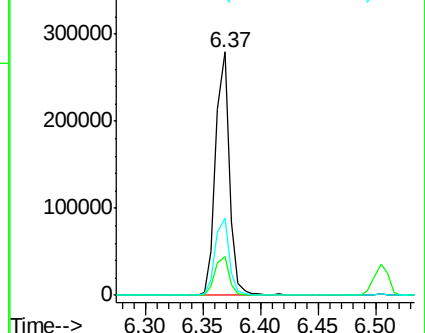
71 32.0 24.5 36.7



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: BF098079.D

Acq: 28 Aug 2017 21:19

Tgt Ion: 136 Resp: 455042

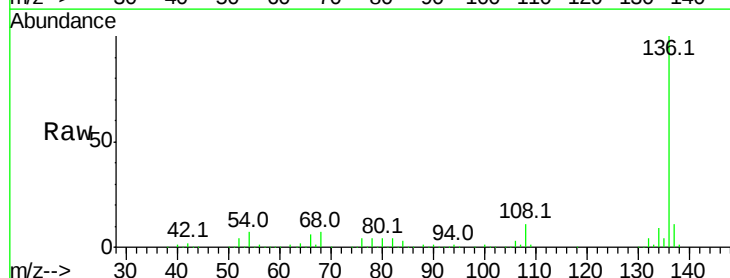
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.4 4.9 7.3#

68 6.9 4.1 6.1#

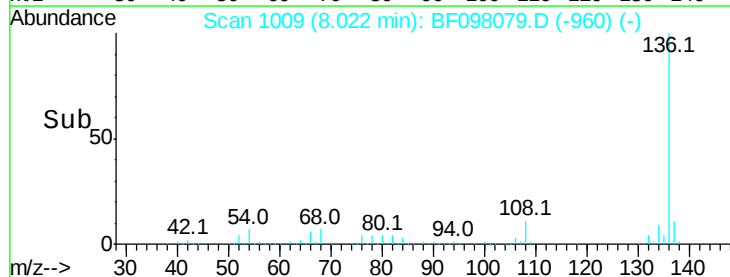
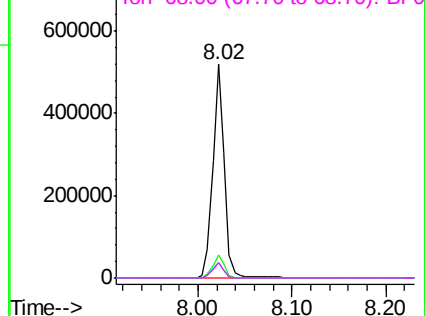


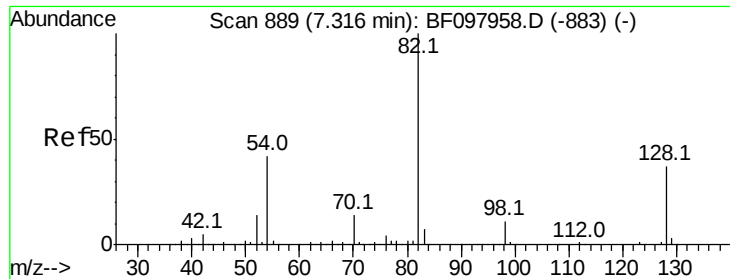
Abundance Ion 136.00 (135.70 to 136.70): E

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

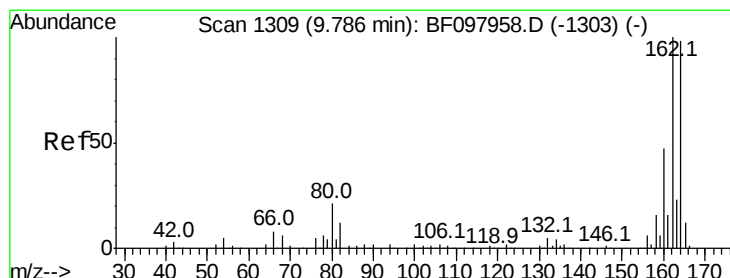
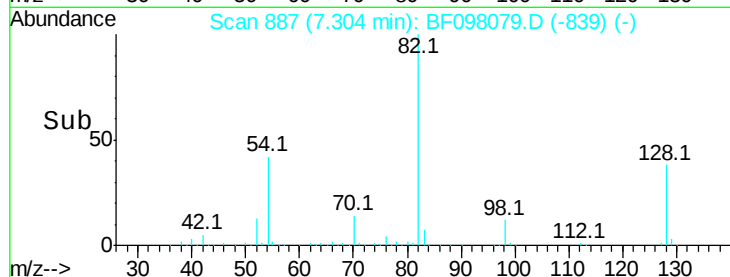
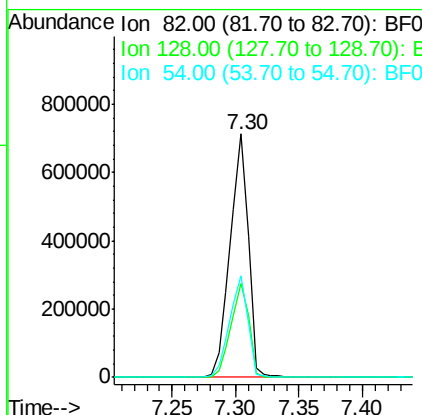
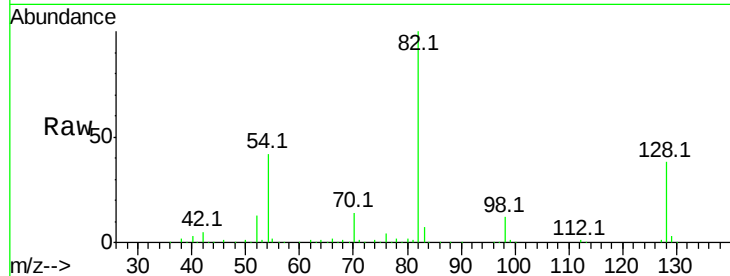




#23
Nitrobenzene-d5
Concen: 84.432 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098079.D
Acq: 28 Aug 2017 21:19

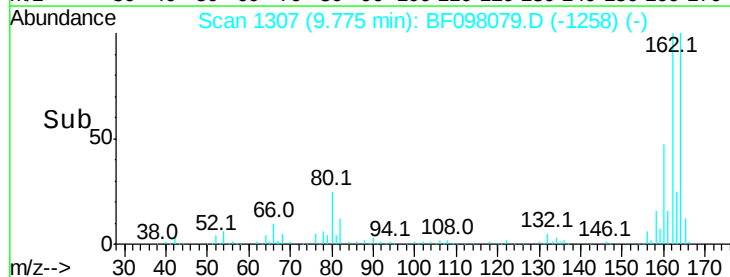
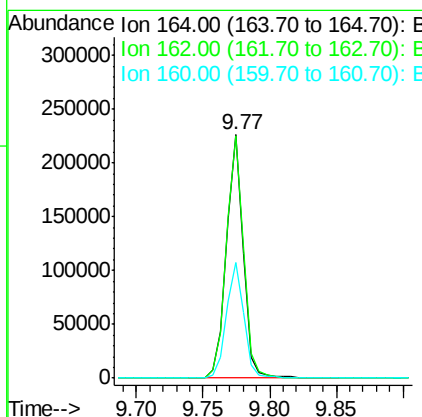
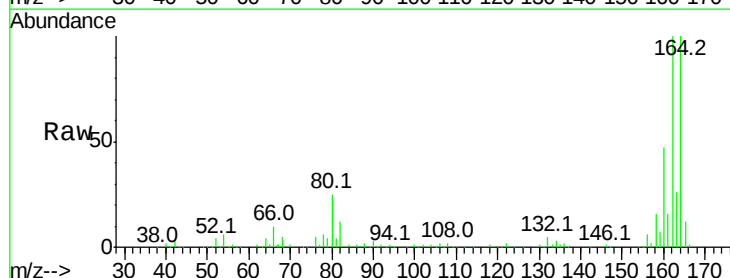
Instrument :
BNA_F
ClientSampleId :
SB01-GW

Tot Ion: 82 Resp: 707235
Ion Ratio Lower Upper
82 100
128 38.4 34.0 51.0
54 41.7 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF098079.D
Acq: 28 Aug 2017 21:19

Tgt Ion:164 Resp: 202660
Ion Ratio Lower Upper
164 100
162 99.5 82.6 123.8
160 47.3 36.2 54.2

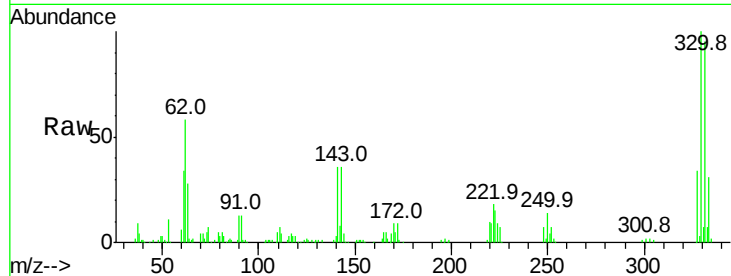




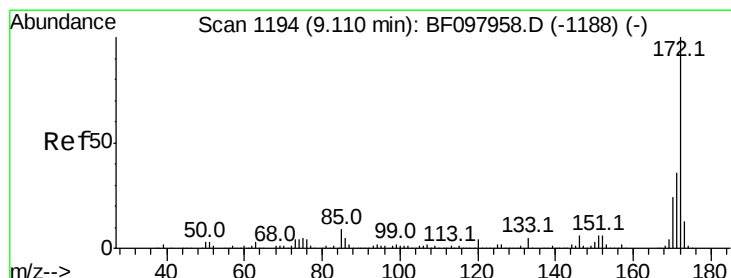
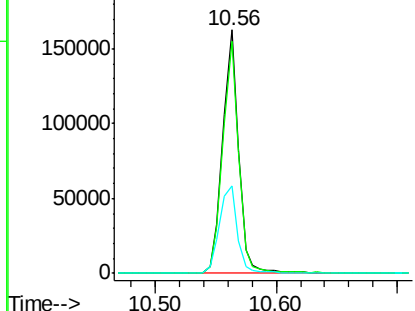
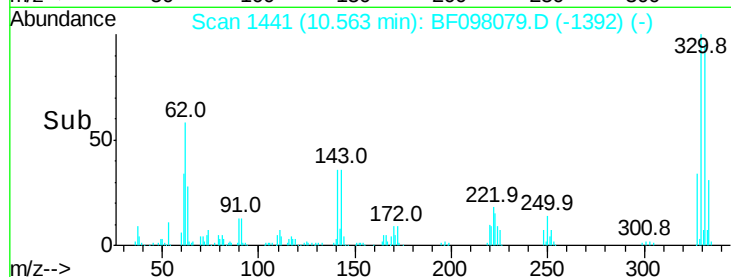
#41
 2,4,6-Tribromophenol
 Concen: 85.485 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098079.D
 Acq: 28 Aug 2017 21:19

Instrument :
 BNA_F
 ClientSampleId :
 SB01-GW

Tot Ion:330 Resp: 150318
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 115.0
 141 40.3 31.4 47.2

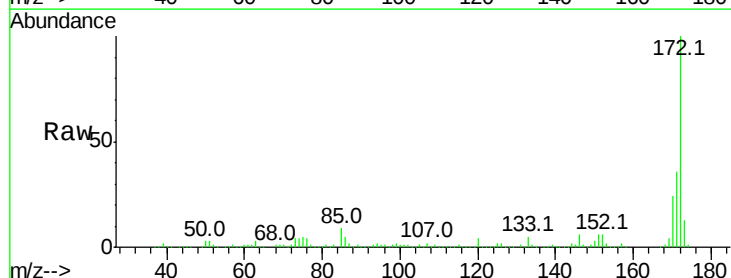


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

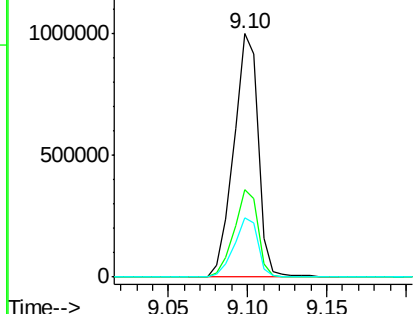
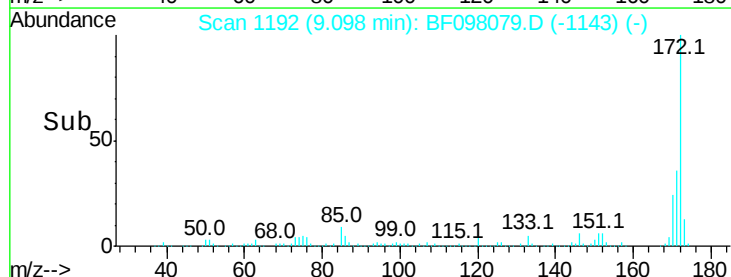


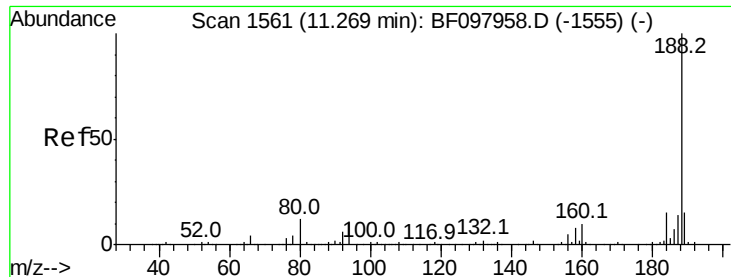
#44
 2-Fluorobiphenyl
 Concen: 77.729 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098079.D
 Acq: 28 Aug 2017 21:19

Tgt Ion:172 Resp: 1072184
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.2 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: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF098079.D

Acq: 28 Aug 2017 21:19

Instrument :

BNA_F

ClientSampleId :

SB01-GW

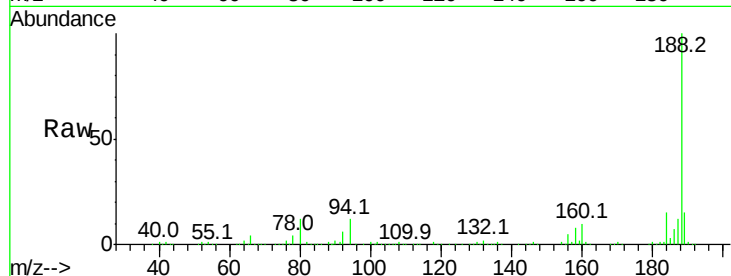
Tot Ion:188 Resp: 394682

Ion Ratio Lower Upper

188 100

94 11.5 9.4 14.2

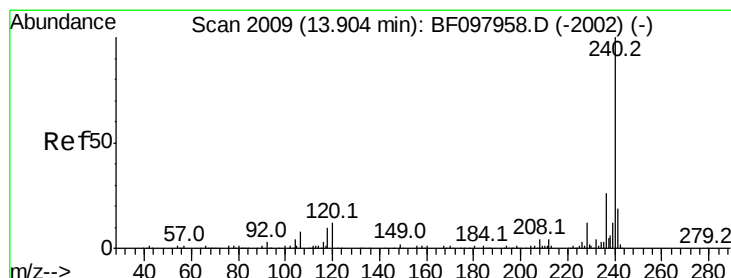
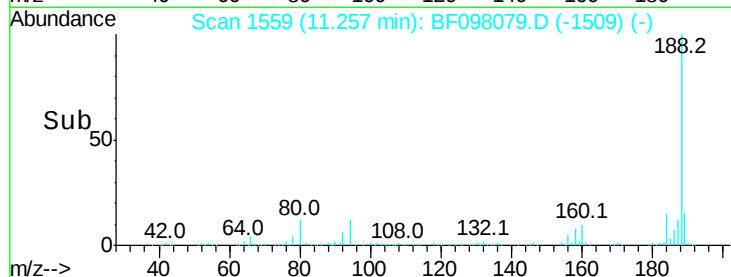
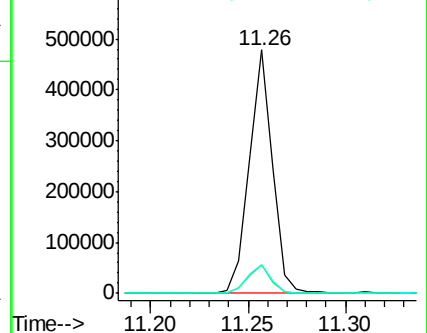
80 11.9 10.2 15.2



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: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF098079.D

Acq: 28 Aug 2017 21:19

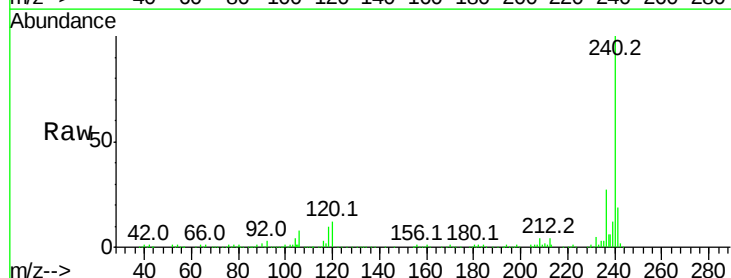
Tgt Ion:240 Resp: 366810

Ion Ratio Lower Upper

240 100

120 11.7 5.8 8.8#

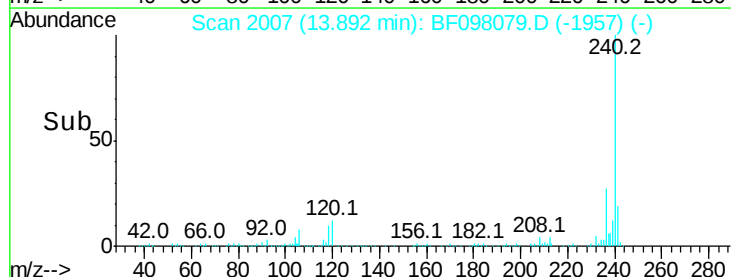
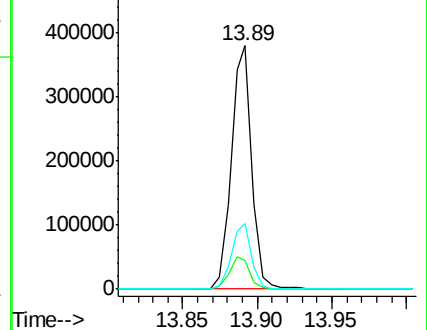
236 27.0 20.5 30.7

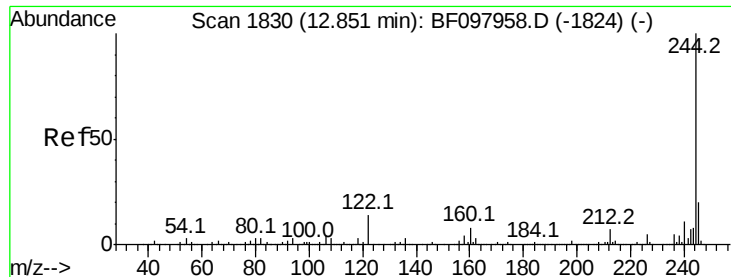


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 57.739 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF098079.D

Acq: 28 Aug 2017 21:19

Instrument :

BNA_F

ClientSampleId :

SB01-GW

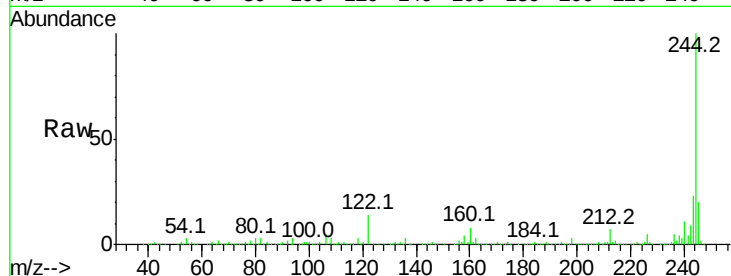
Tot Ion:244 Resp: 1015634

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

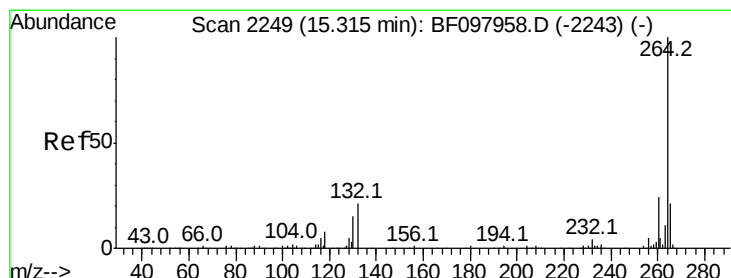
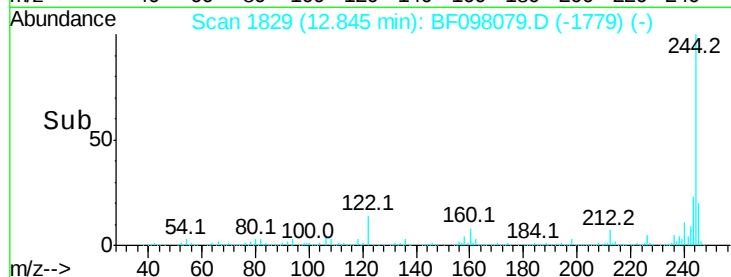
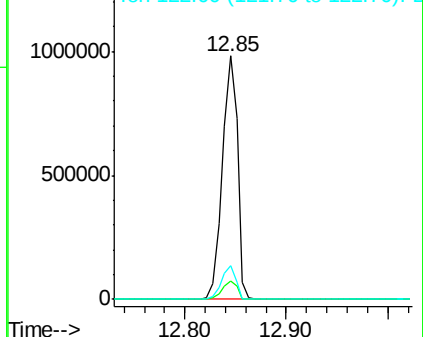
122 13.6 10.3 15.5



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: 15.31 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BF098079.D

Acq: 28 Aug 2017 21:19

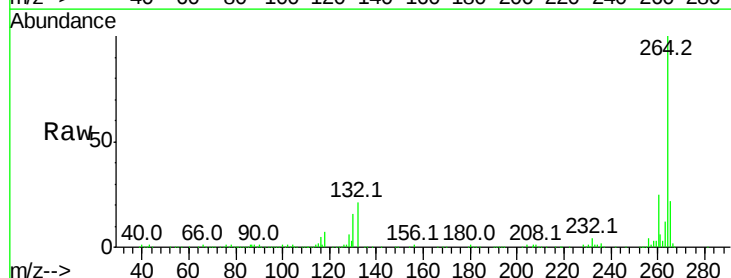
Tgt Ion:264 Resp: 309780

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

265 21.9 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

