

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098078.D
 Acq On : 28 Aug 2017 20:51
 Operator : SJ/JU
 Sample : I4923-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB04-GW

Quant Time: Aug 29 08:56:04 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	118839	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	475931	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	212250	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	427277	20.00	ng	0.00
75) Chrysene-d12	13.89	240	390208	20.00	ng	0.00
86) Perylene-d12	15.32	264	327885	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	277679	35.54	ng	-0.01
7) Phenol-d6	6.37	99	221041	20.82	ng	-0.02
23) Nitrobenzene-d5	7.30	82	796000	90.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	172985	93.93	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1166352	80.74	ng	0.00
78) Terphenyl-d14	12.84	244	1092790	58.40	ng	0.00

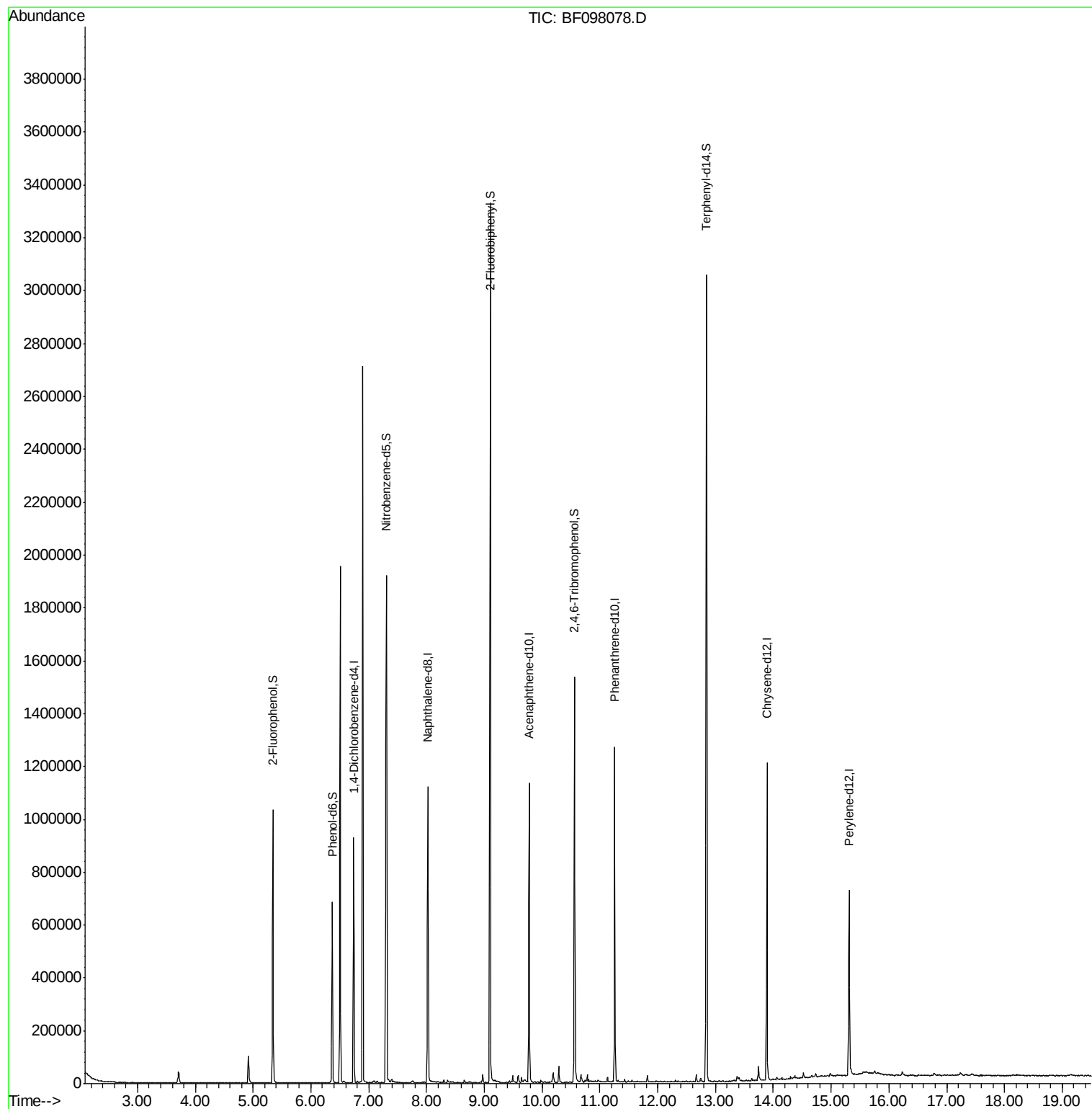
Target Compounds Qvalue

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

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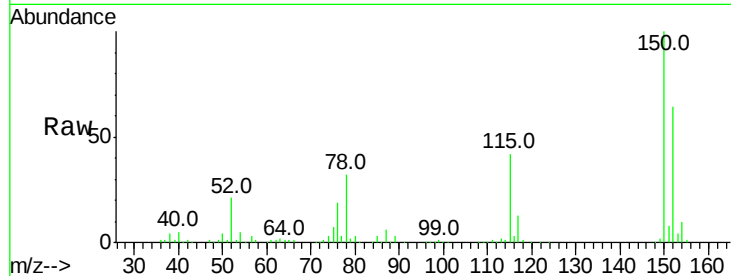


#1

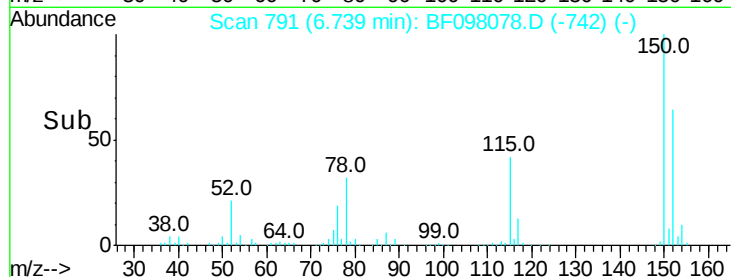
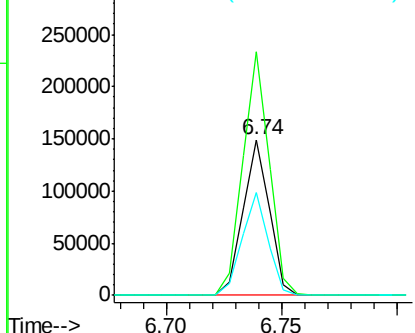
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF098078.D
 Acq: 28 Aug 2017 20:51

Instrument :
 BNA_F
 ClientSampleId :
 SB04-GW

Tot Ion:152 Resp: 118839
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.2 189.2
 115 66.5 52.2 78.2



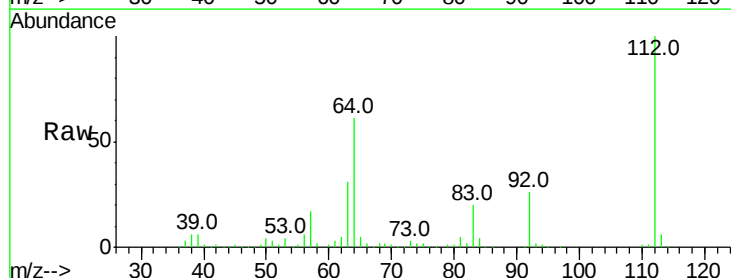
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



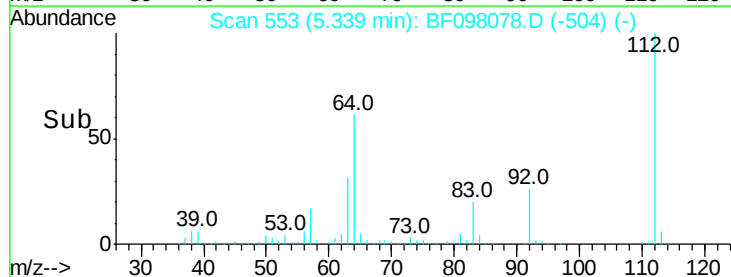
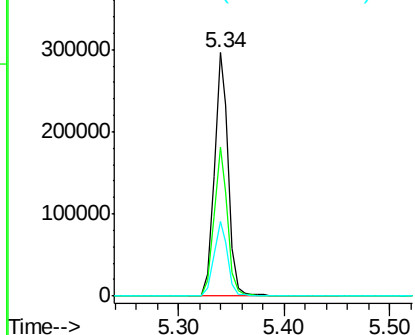
#5

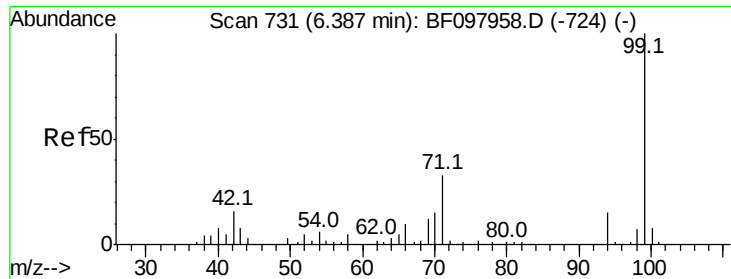
2-Fluorophenol
 Concen: 35.541 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF098078.D
 Acq: 28 Aug 2017 20:51

Tgt Ion:112 Resp: 277679
 Ion Ratio Lower Upper
 112 100
 64 61.2 46.0 69.0
 63 30.8 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: 20.823 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF098078.D

Acq: 28 Aug 2017 20:51

Instrument :

BNA_F

ClientSampleId :

SB04-GW

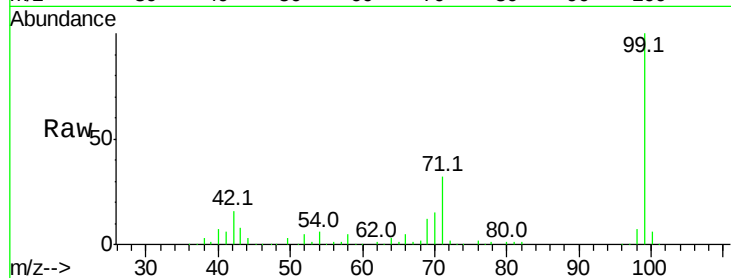
Tot Ion: 99 Resp: 221041

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

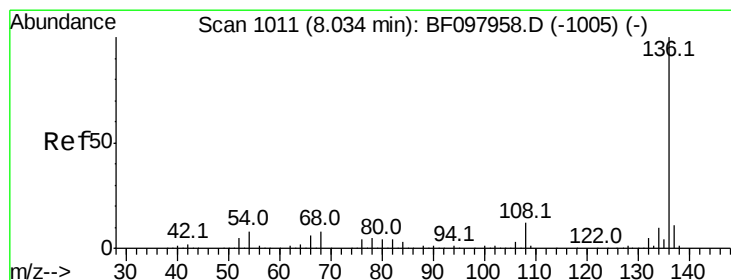
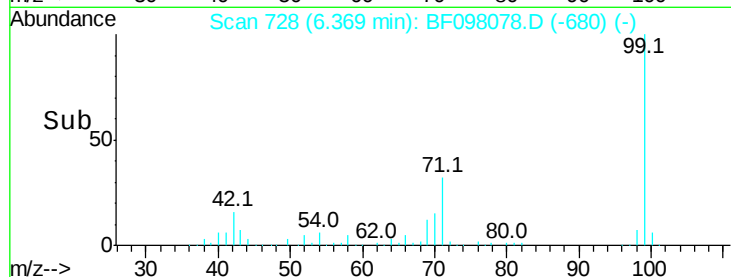
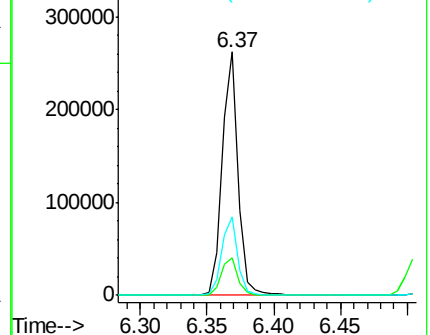
71 32.2 24.5 36.7



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: BF098078.D

Acq: 28 Aug 2017 20:51

Tgt Ion: 136 Resp: 475931

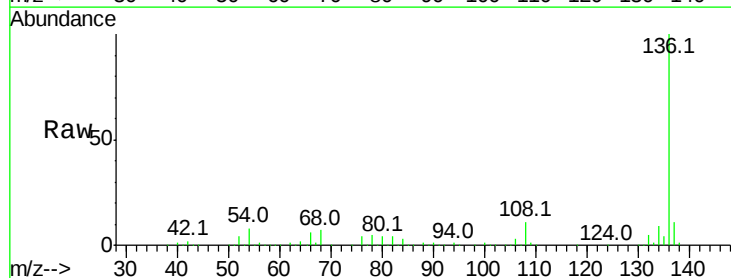
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 7.6 4.9 7.3#

68 6.9 4.1 6.1#

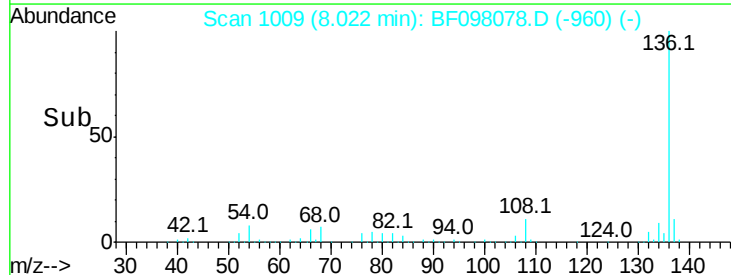
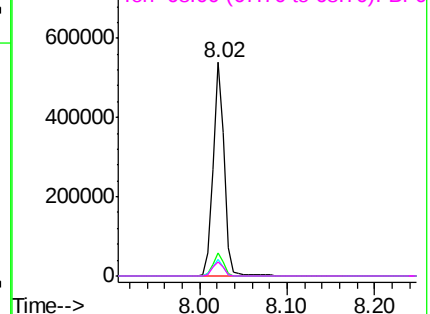


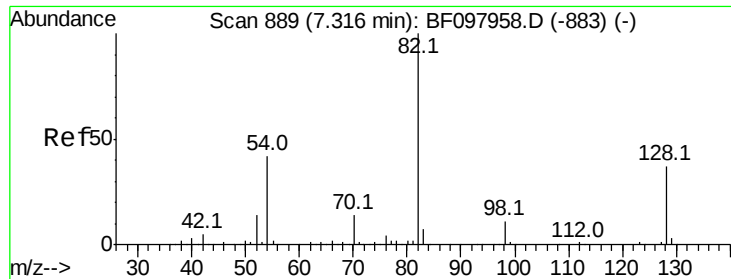
Abundance Ion 136.00 (135.70 to 136.70): E

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

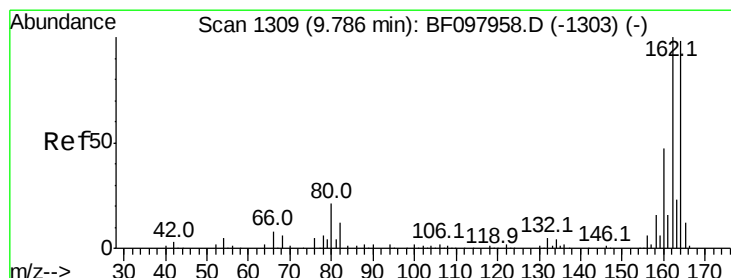
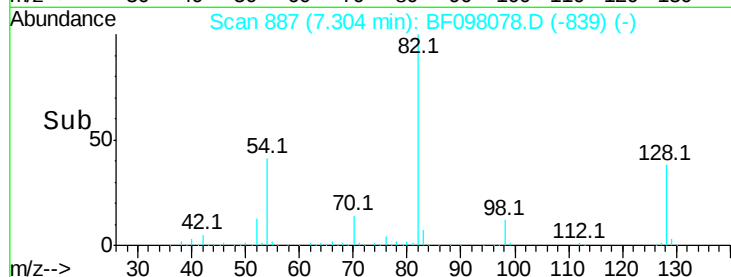
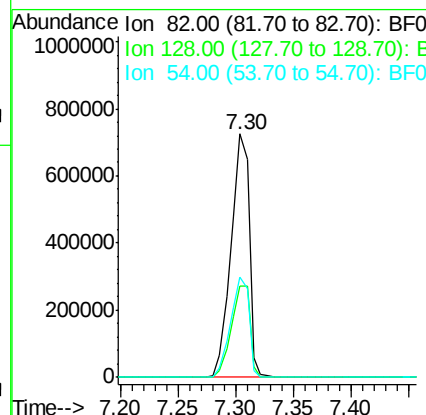
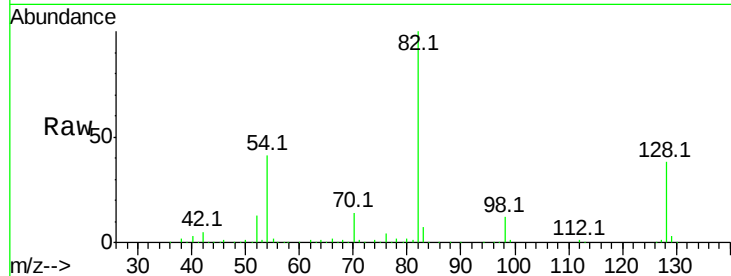




#23
 Nitrobenzene-d5
 Concen: 90.858 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098078.D
 Acq: 28 Aug 2017 20:51

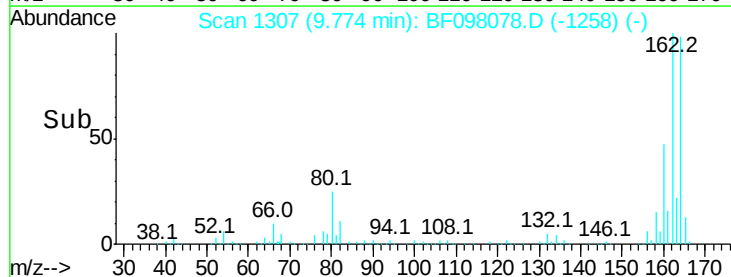
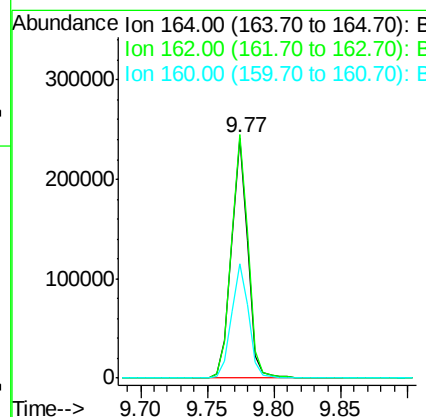
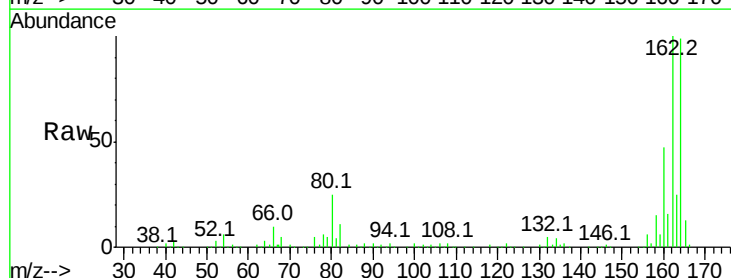
Instrument :
 BNA_F
 ClientSampleId :
 SB04-GW

Tot Ion	82	Resp	796000
Ion Ratio	Lower	Upper	
82	100		
128	37.5	34.0	51.0
54	41.4	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: BF098078.D
 Acq: 28 Aug 2017 20:51

Tgt Ion	164	Resp	212250
Ion Ratio	Lower	Upper	
164	100		
162	101.4	82.6	123.8
160	47.7	36.2	54.2

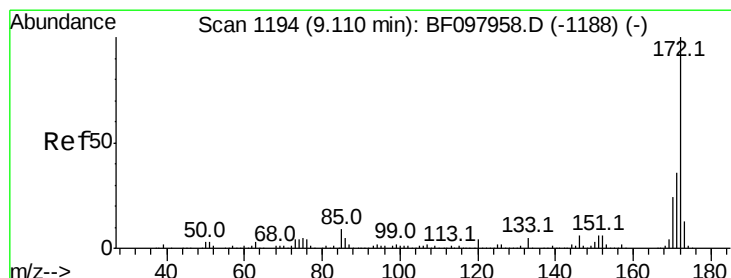
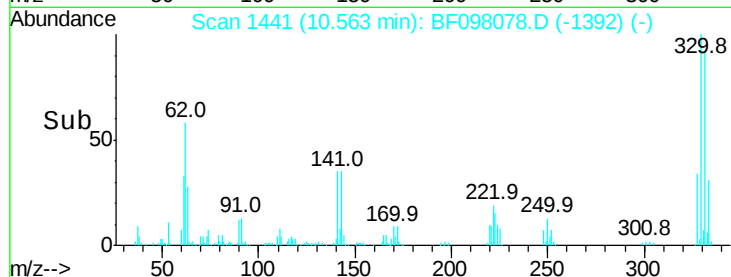
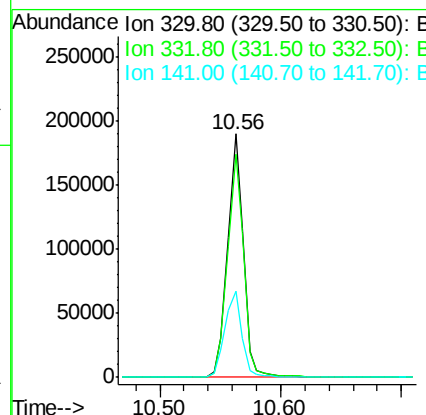
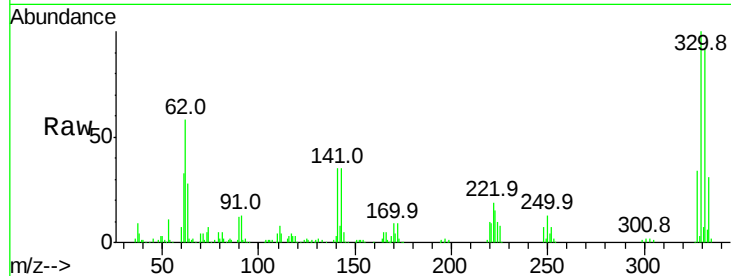




#41
 2,4,6-Tribromophenol
 Concen: 93.931 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098078.D
 Acq: 28 Aug 2017 20:51

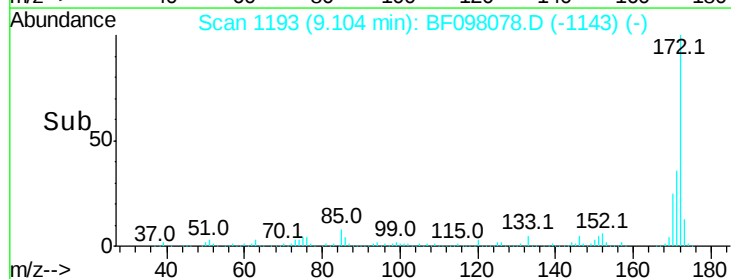
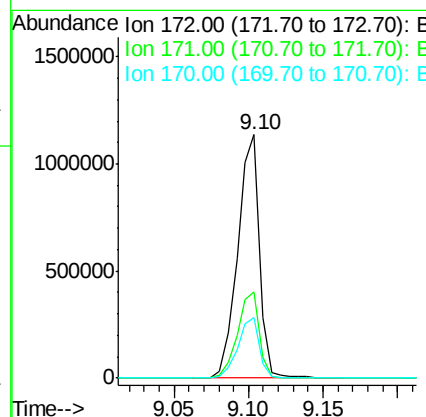
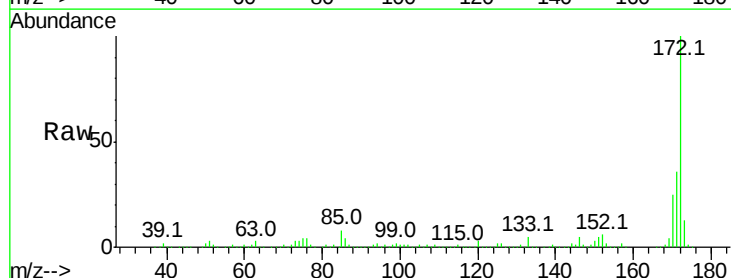
Instrument :
 BNA_F
 ClientSampleId :
 SB04-GW

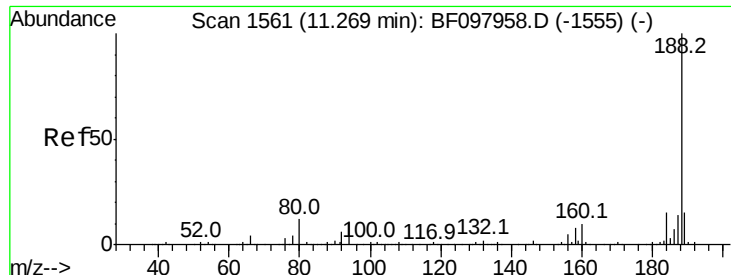
Tot Ion:330 Resp: 172985
 Ion Ratio Lower Upper
 330 100
 332 94.3 76.6 115.0
 141 38.6 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 80.735 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF098078.D
 Acq: 28 Aug 2017 20:51

Tgt Ion:172 Resp: 1166352
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 24.8 19.8 29.8





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF098078.D

Acq: 28 Aug 2017 20:51

Instrument :

BNA_F

ClientSampleId :

SB04-GW

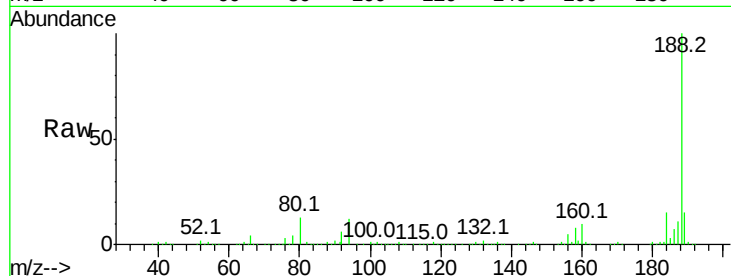
Tot Ion:188 Resp: 427277

Ion Ratio Lower Upper

188 100

94 11.9 9.4 14.2

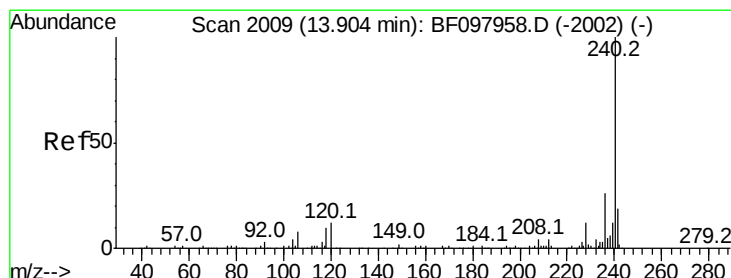
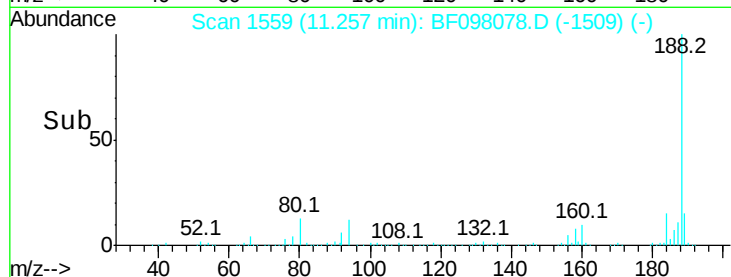
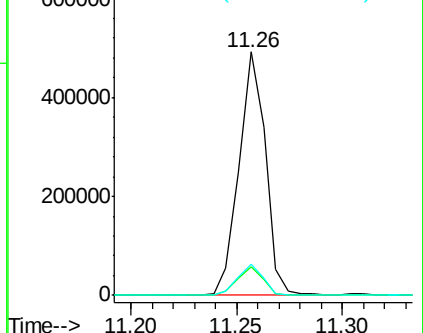
80 12.5 10.2 15.2



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: BF098078.D

Acq: 28 Aug 2017 20:51

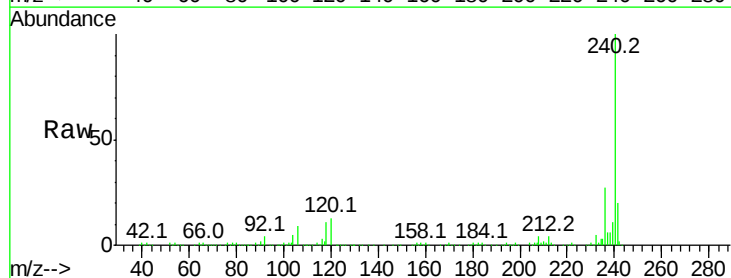
Tgt Ion:240 Resp: 390208

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

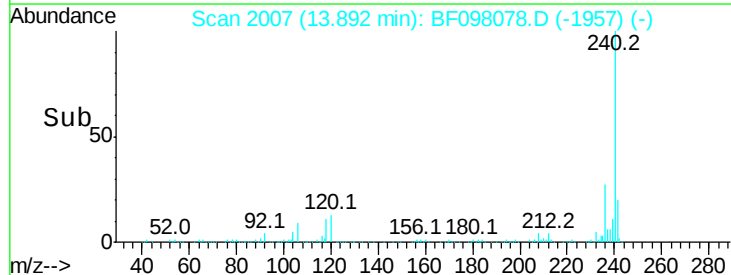
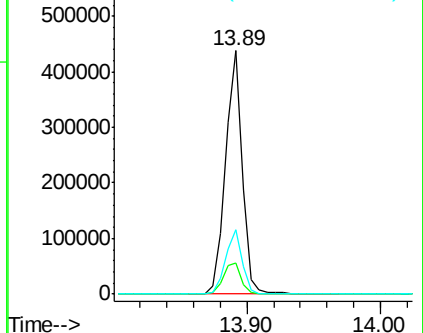
236 26.7 20.5 30.7

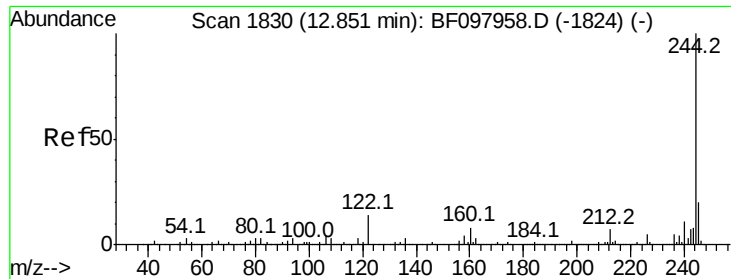


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

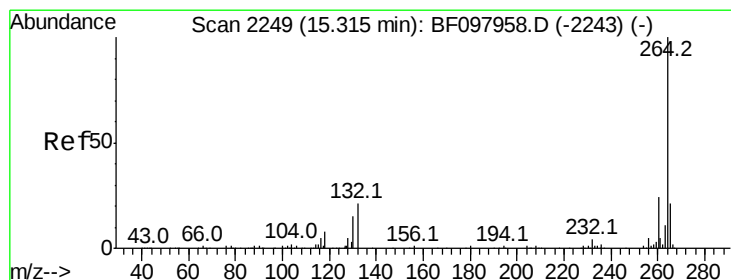
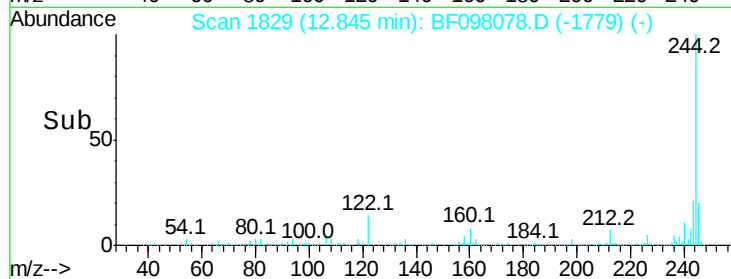
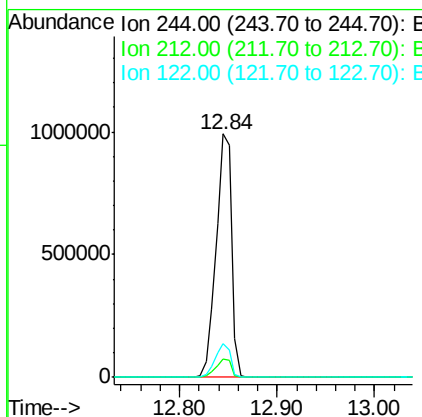
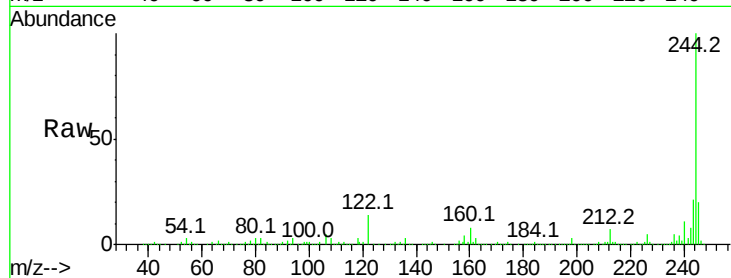




#78
 Terphenyl-d14
 Concen: 58.401 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF098078.D
 Acq: 28 Aug 2017 20:51

Instrument :
 BNA_F
 ClientSampleId :
 SB04-GW

Tot Ion:244 Resp: 1092790
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF098078.D
 Acq: 28 Aug 2017 20:51

Tgt Ion:264 Resp: 327885
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.5 29.3
 265 21.6 17.2 25.8

