

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
 Data File : BF098166.D
 Acq On : 30 Aug 2017 20:07
 Operator : SJ/JU
 Sample : I5008-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-082817-A

Quant Time: Aug 31 07:35:54 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	6.72	152	129818	20.00	ng	-0.03
21) Naphthalene-d8	8.00	136	524047	20.00	ng	-0.03
38) Acenaphthene-d10	9.76	164	237877	20.00	ng	-0.03
63) Phenanthrene-d10	11.24	188	430461	20.00	ng	-0.02
75) Chrysene-d12	13.87	240	259389	20.00	ng	-0.03
86) Perylene-d12	15.28	264	243603	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	940029	110.14	ng	0.00
7) Phenol-d6	6.36	99	1178789	101.65	ng	-0.02
23) Nitrobenzene-d5	7.29	82	873196	90.52	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	251181	121.70	ng	-0.03
44) 2-Fluorobiphenyl	9.09	172	1317254	81.36	ng	-0.02
78) Terphenyl-d14	12.83	244	978286	78.65	ng	-0.02

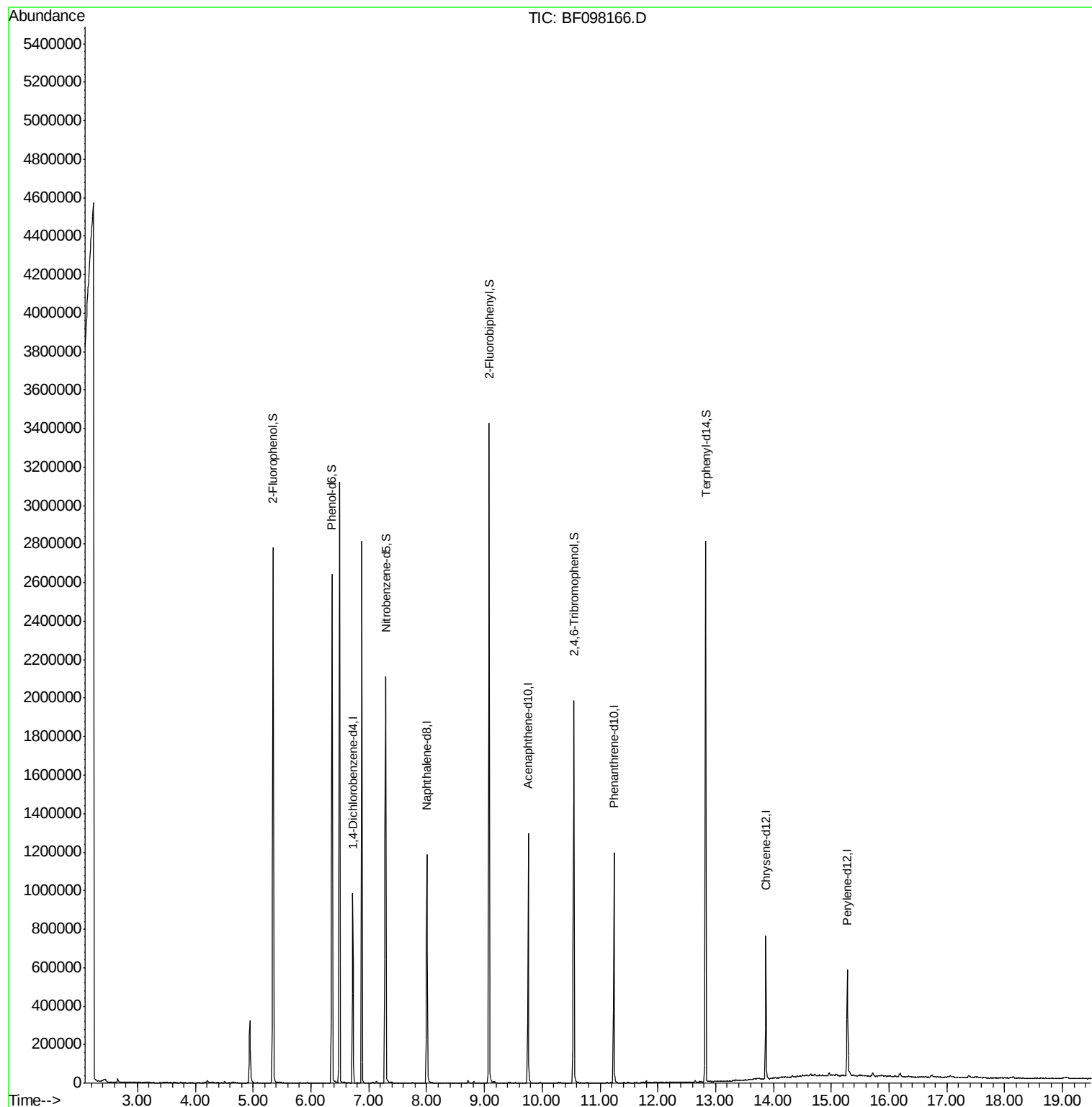
Target Compounds Qvalue

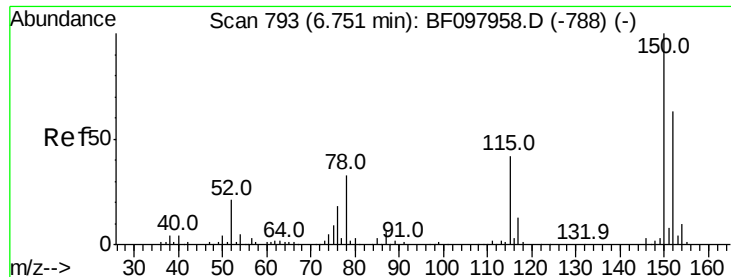
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.03 min

Lab File: BF098166.D

Acq: 30 Aug 2017 20:07

Instrument :

BNA_F

ClientSampleId :

NB-08-082817-A

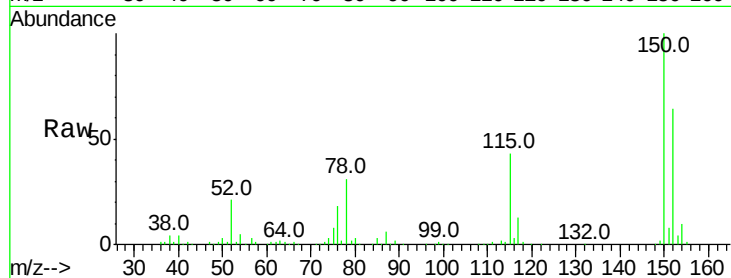
Tot Ion:152 Resp: 129818

Ion Ratio Lower Upper

152 100

150 156.3 126.2 189.2

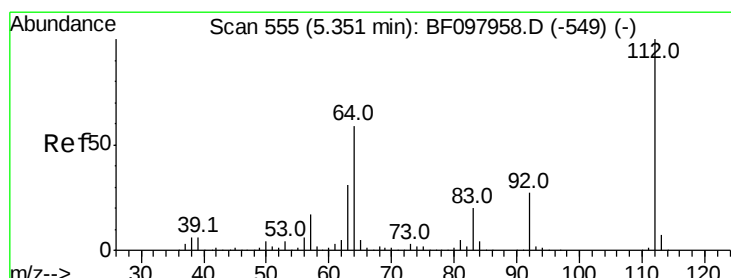
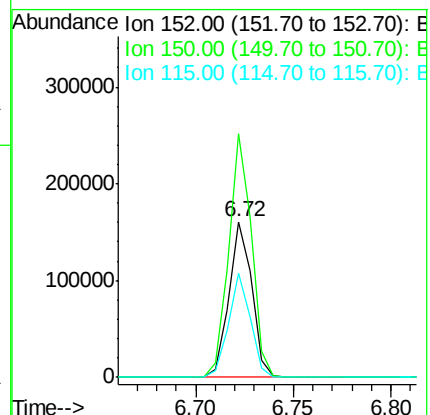
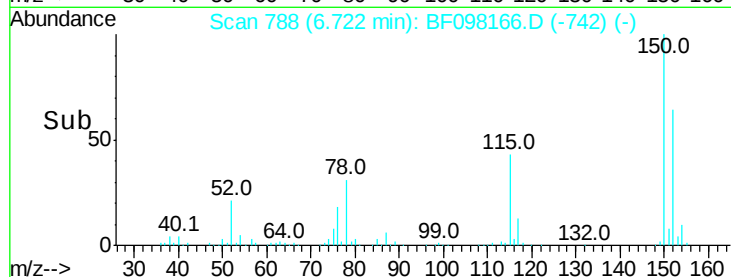
115 66.6 52.2 78.2



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: 110.143 ng

RT: 5.35 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF098166.D

Acq: 30 Aug 2017 20:07

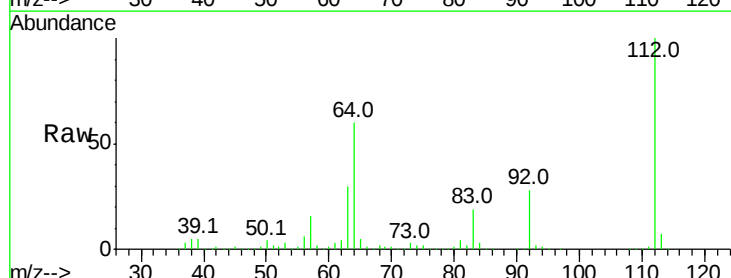
Tgt Ion:112 Resp: 940029

Ion Ratio Lower Upper

112 100

64 60.0 46.0 69.0

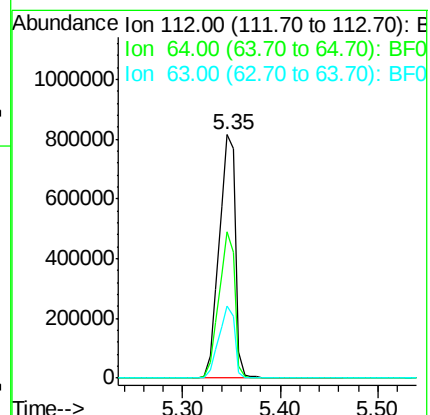
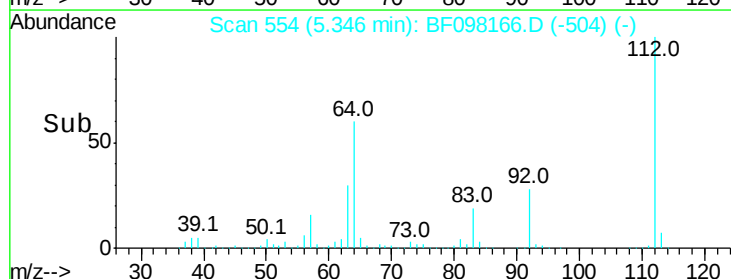
63 29.8 23.4 35.0

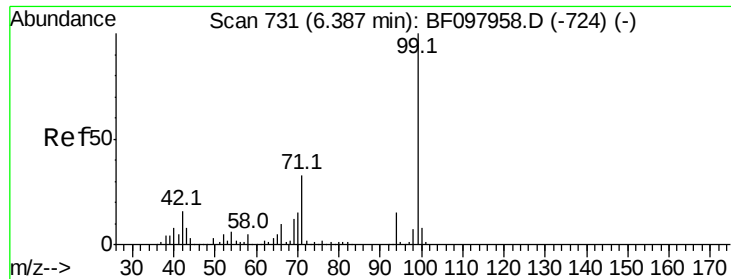


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.654 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF098166.D

Acq: 30 Aug 2017 20:07

Instrument :

BNA_F

ClientSampleId :

NB-08-082817-A

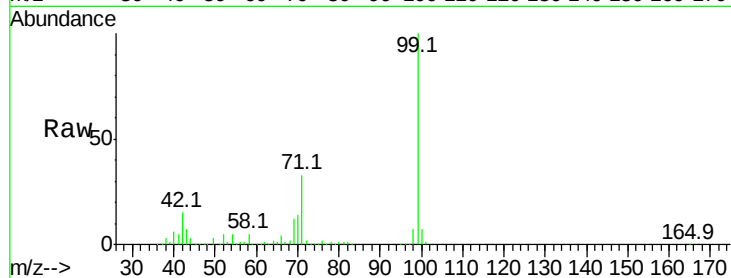
Tot Ion: 99 Resp: 1178789

Ion Ratio Lower Upper

99 100

42 14.6 13.5 20.3

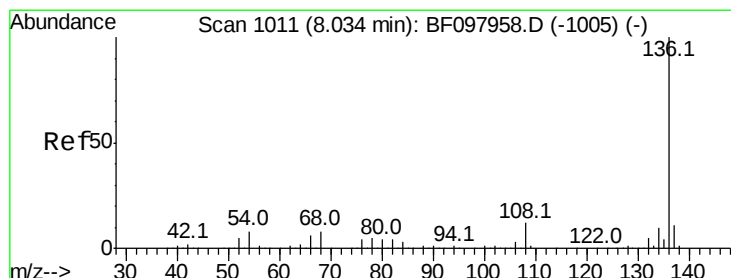
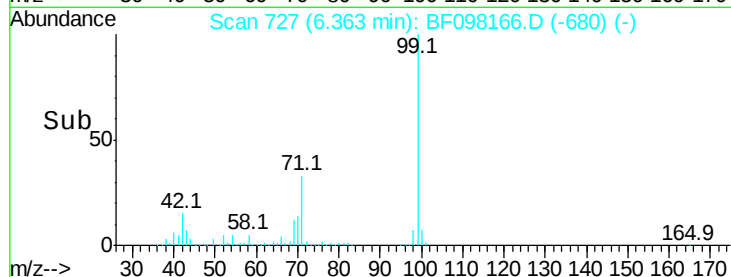
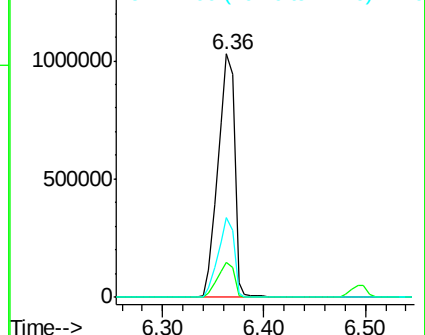
71 32.5 24.5 36.7



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: 8.00 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BF098166.D

Acq: 30 Aug 2017 20:07

Tgt Ion: 136 Resp: 524047

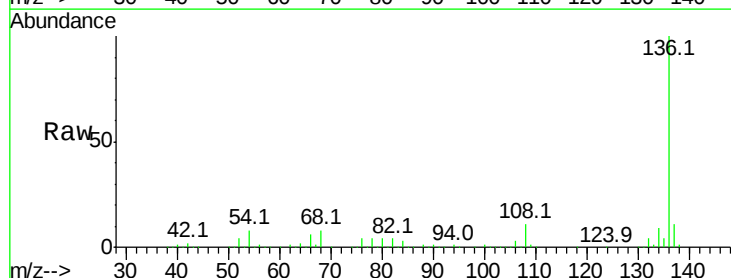
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.8 4.9 7.3#

68 7.9 4.1 6.1#

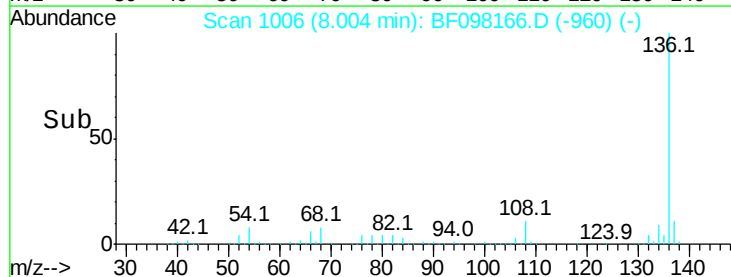
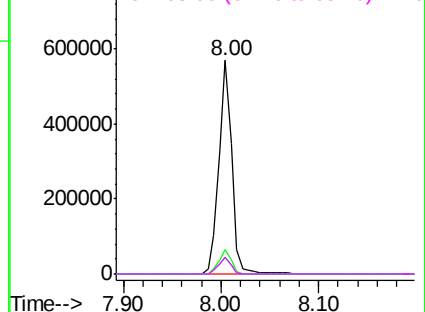


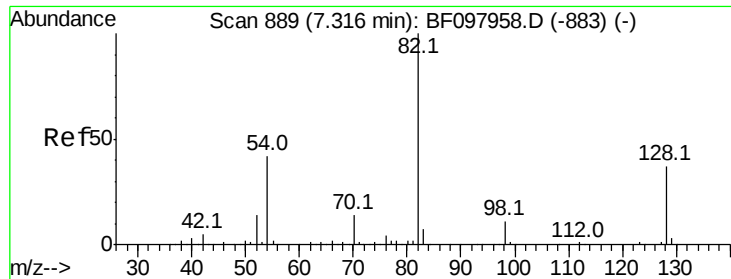
Abundance Ion 136.00 (135.70 to 136.70): E

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

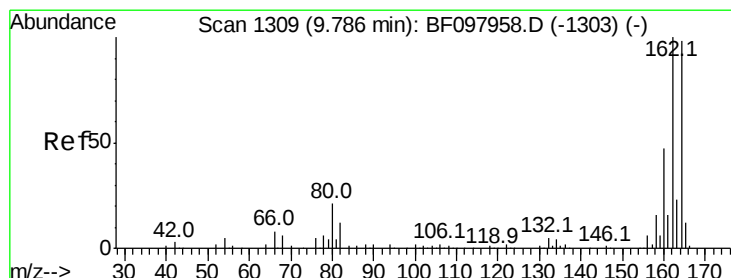
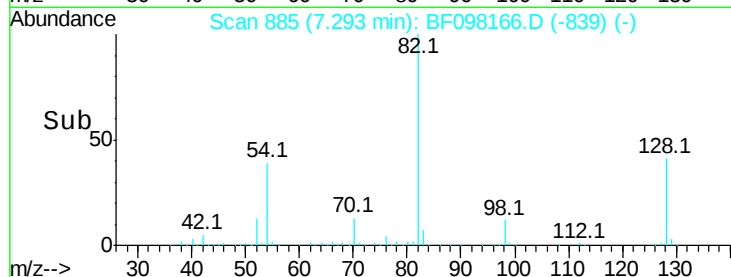
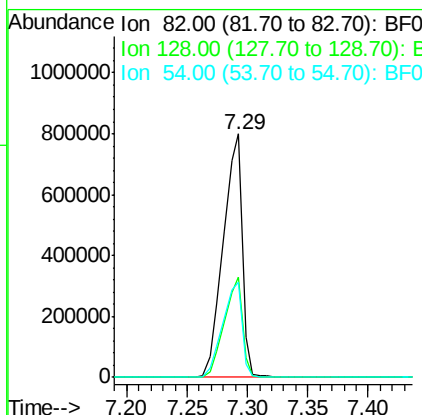
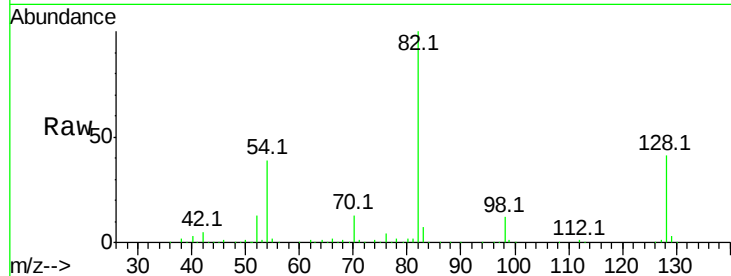




#23
 Nitrobenzene-d5
 Concen: 90.519 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BF098166.D
 Acq: 30 Aug 2017 20:07

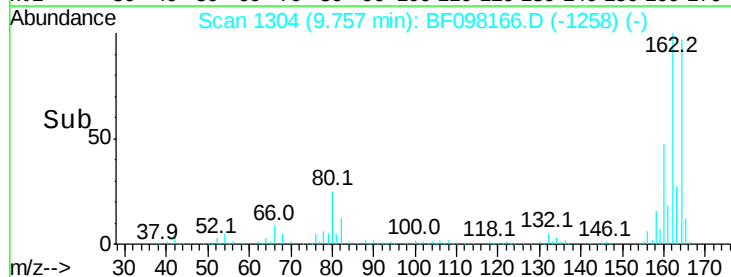
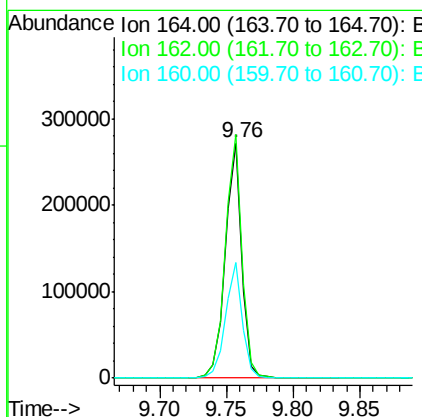
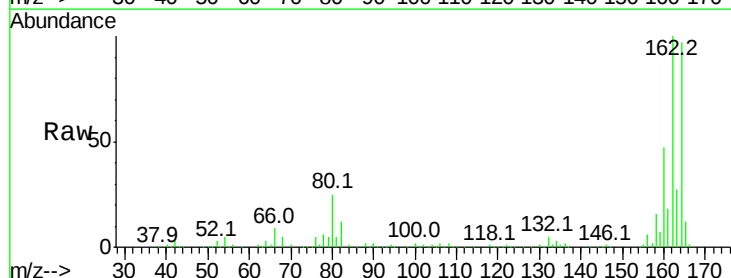
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-082817-A

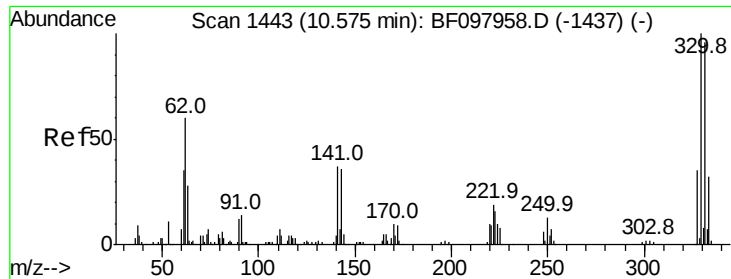
Tot Ion	82	Resp	873196
Ion Ratio	Lower	Upper	
82	100		
128	41.0	34.0	51.0
54	39.1	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.03 min
 Lab File: BF098166.D
 Acq: 30 Aug 2017 20:07

Tgt Ion	164	Resp	237877
Ion Ratio	Lower	Upper	
164	100		
162	103.5	82.6	123.8
160	49.1	36.2	54.2

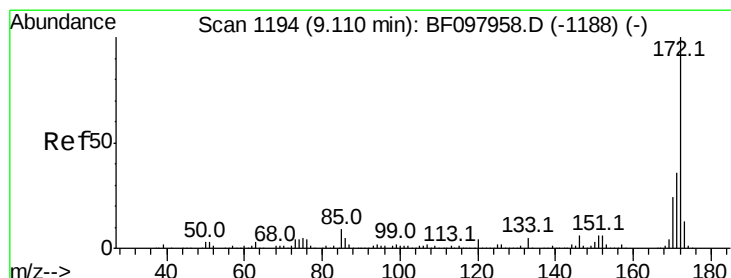
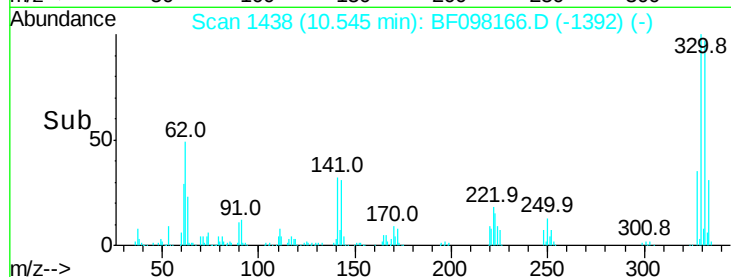
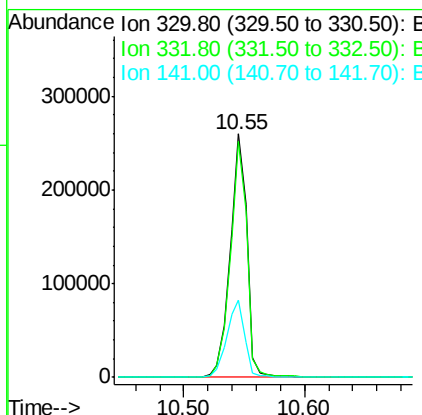
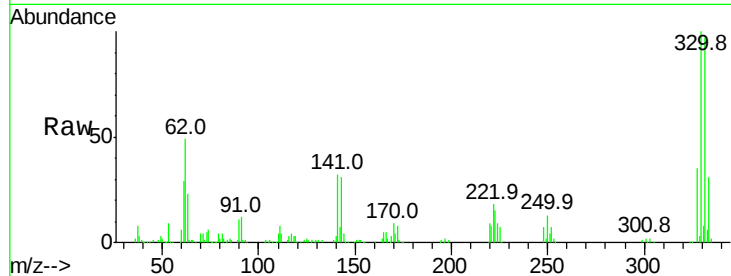




#41
 2,4,6-Tribromophenol
 Concen: 121.698 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.03 min
 Lab File: BF098166.D
 Acq: 30 Aug 2017 20:07

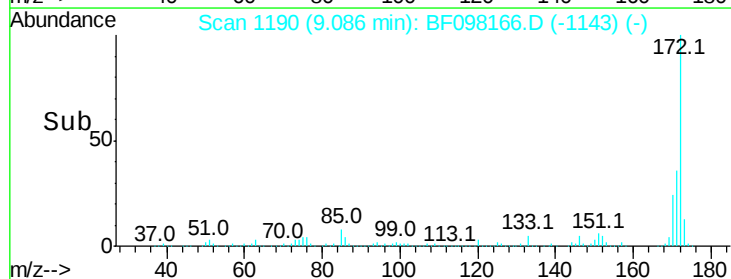
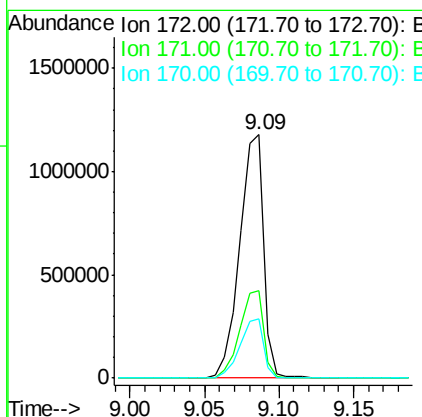
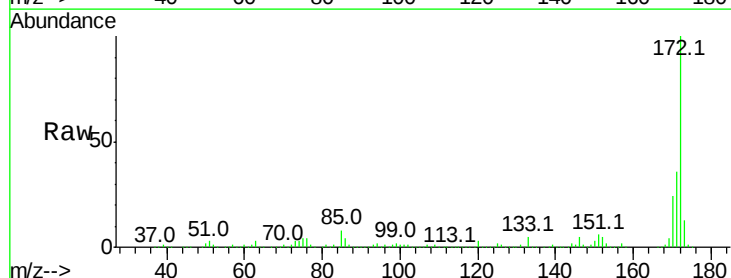
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-082817-A

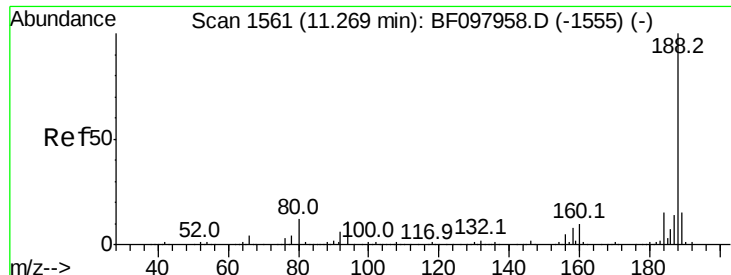
Tot Ion:330 Resp: 251181
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 33.8 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 81.358 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF098166.D
 Acq: 30 Aug 2017 20:07

Tgt Ion:172 Resp: 1317254
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.4 19.8 29.8





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.02 min

Lab File: BF098166.D

Acq: 30 Aug 2017 20:07

Instrument :

BNA_F

ClientSampleId :

NB-08-082817-A

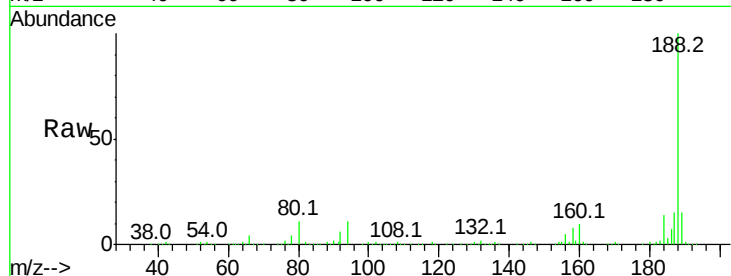
Tot Ion:188 Resp: 430461

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

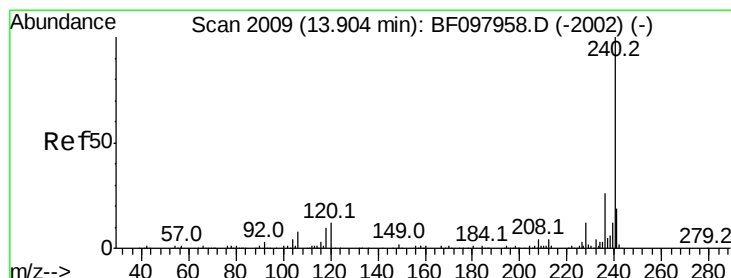
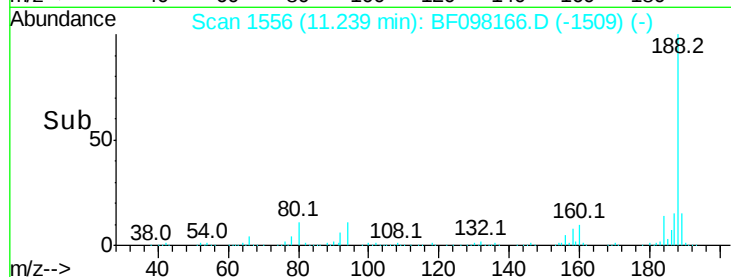
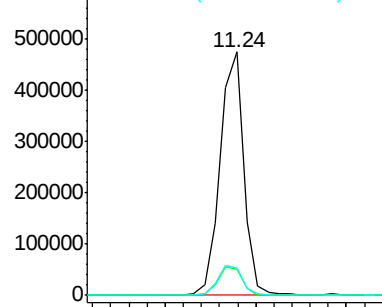
80 11.4 10.2 15.2



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: 13.87 min Scan# 2003

Delta R.T. -0.03 min

Lab File: BF098166.D

Acq: 30 Aug 2017 20:07

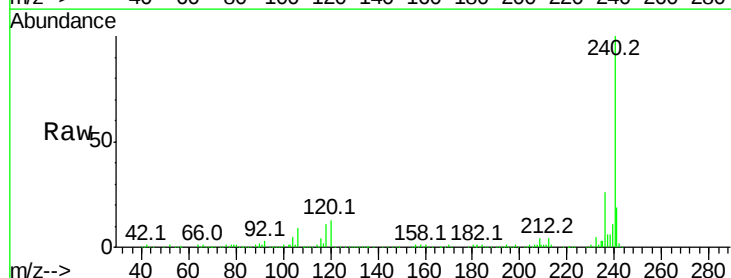
Tgt Ion:240 Resp: 259389

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

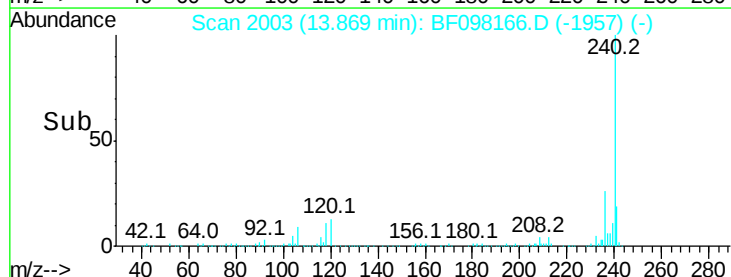
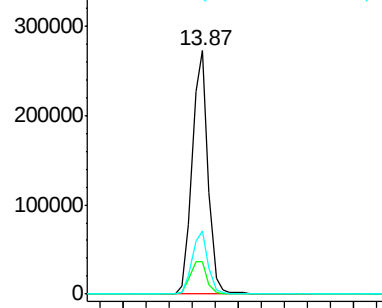
236 25.7 20.5 30.7

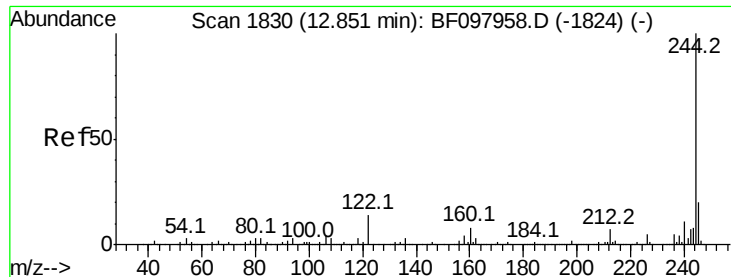


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.648 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF098166.D

Acq: 30 Aug 2017 20:07

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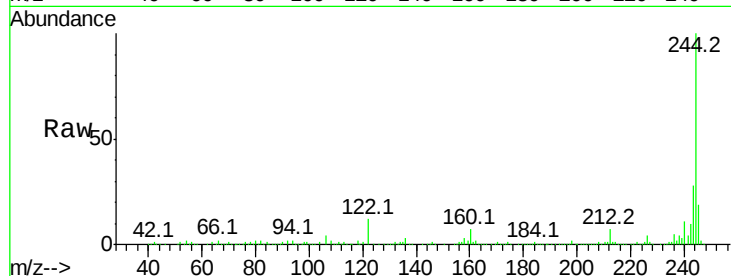
Tot Ion:244 Resp: 978286

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

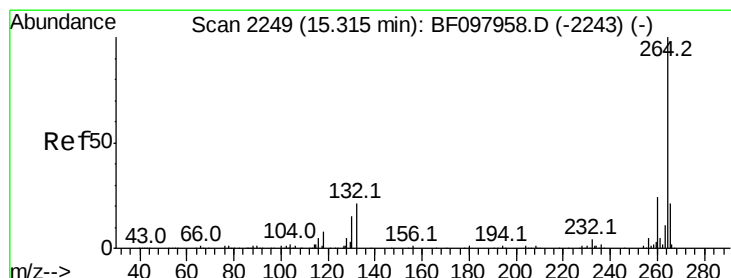
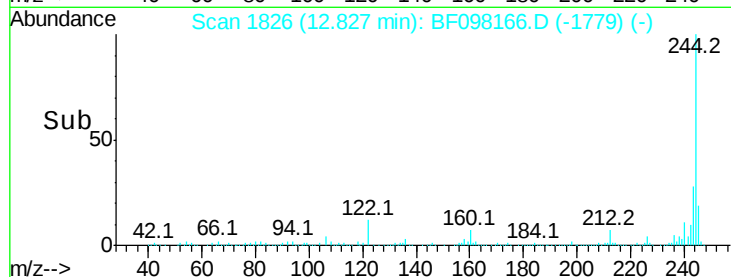
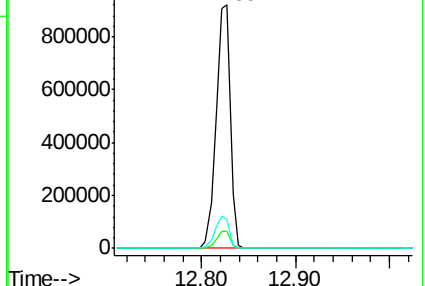
122 11.9 10.3 15.5



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: 15.28 min Scan# 2243

Delta R.T. -0.03 min

Lab File: BF098166.D

Acq: 30 Aug 2017 20:07

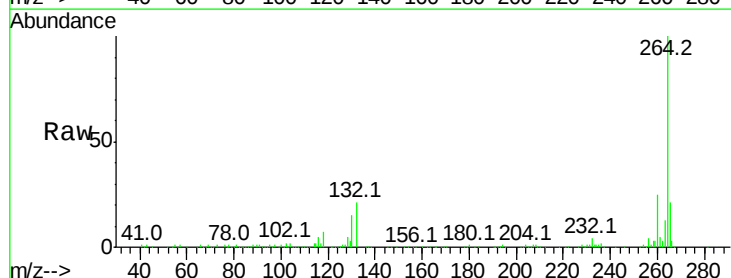
Tgt Ion:264 Resp: 243603

Ion Ratio Lower Upper

264 100

260 25.2 19.5 29.3

265 21.2 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

