

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
 Data File : BF098167.D
 Acq On : 30 Aug 2017 20:35
 Operator : SJ/JU
 Sample : I5008-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Aug 31 07:37:29 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	134790	20.00	ng	-0.03
21) Naphthalene-d8	8.00	136	546611	20.00	ng	-0.03
38) Acenaphthene-d10	9.76	164	245708	20.00	ng	-0.03
63) Phenanthrene-d10	11.24	188	445995	20.00	ng	-0.02
75) Chrysene-d12	13.87	240	271470	20.00	ng	-0.03
86) Perylene-d12	15.28	264	255219	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	962391	108.60	ng	0.00
7) Phenol-d6	6.36	99	1164061	96.68	ng	-0.02
23) Nitrobenzene-d5	7.29	82	904695	89.91	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	253789	119.04	ng	-0.03
44) 2-Fluorobiphenyl	9.08	172	1362938	81.50	ng	-0.03
78) Terphenyl-d14	12.82	244	973385	74.77	ng	-0.03

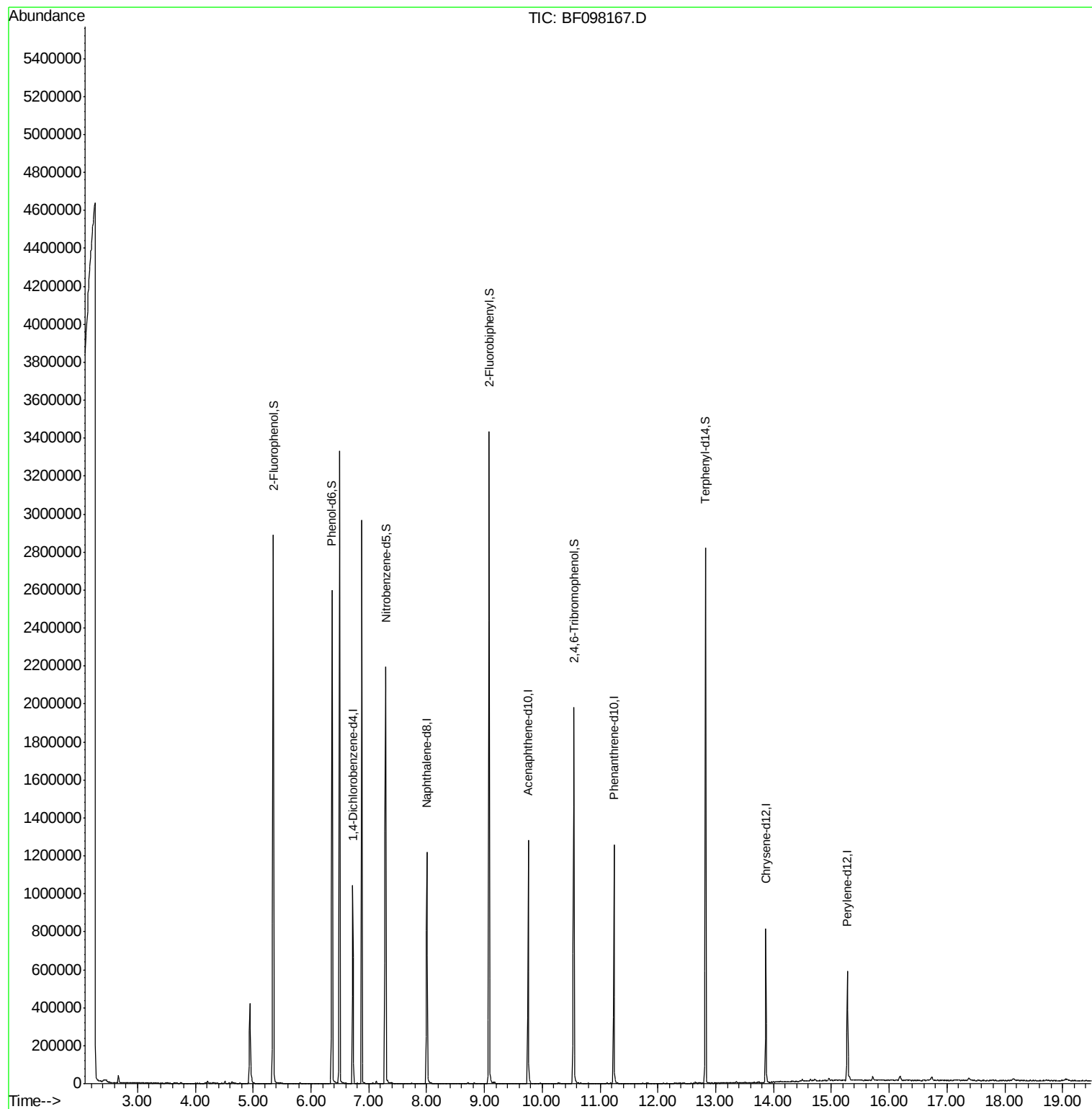
Target Compounds Qvalue

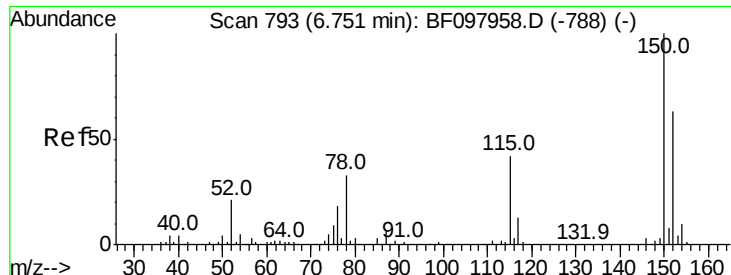
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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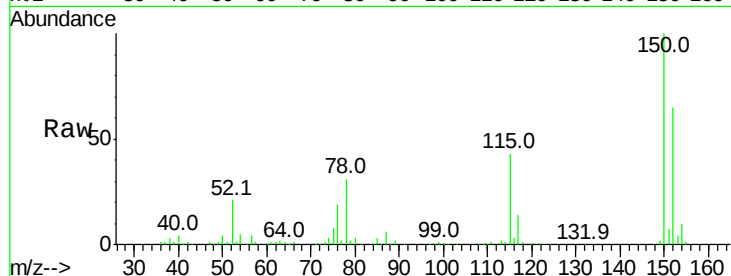


#1

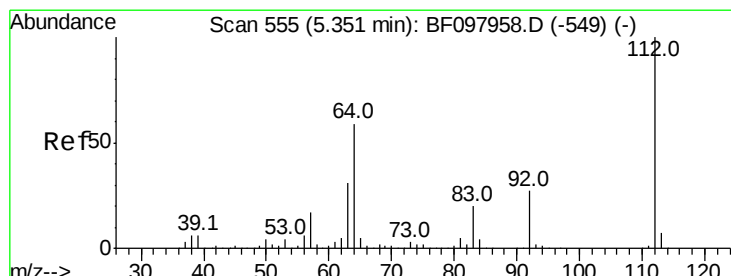
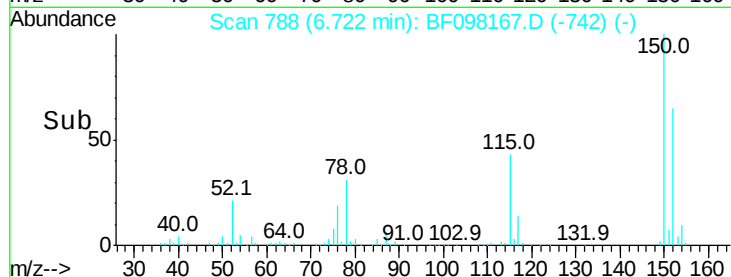
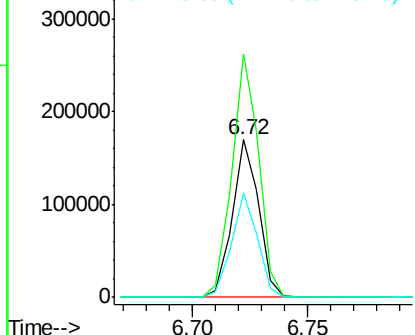
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.03 min
Lab File: BF098167.D
Acq: 30 Aug 2017 20:35

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

Tot Ion:152 Resp: 134790
Ion Ratio Lower Upper
152 100
150 154.7 126.2 189.2
115 66.3 52.2 78.2



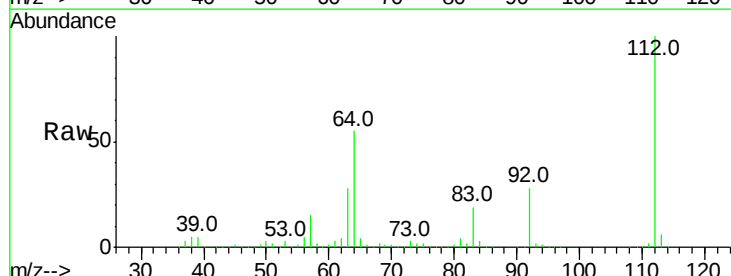
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



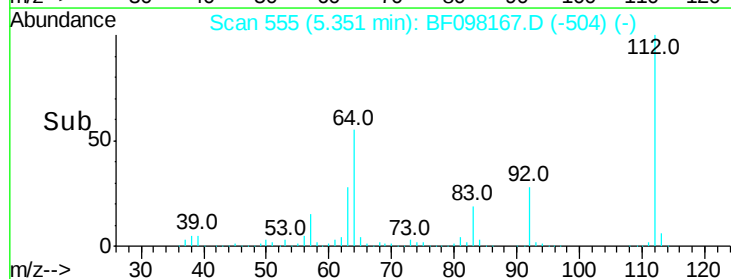
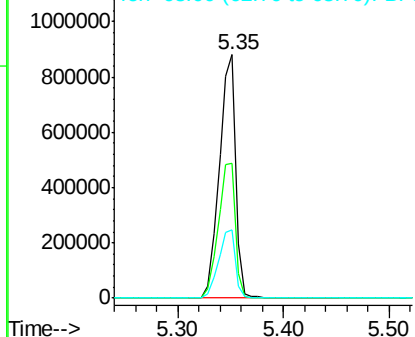
#5

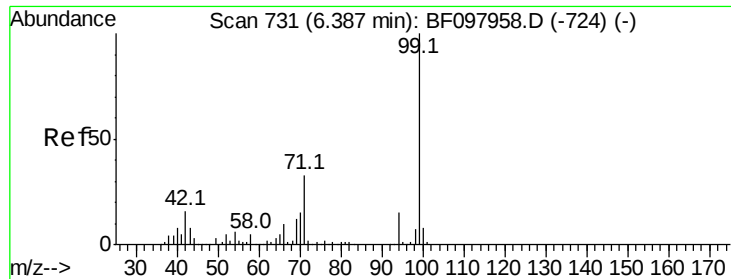
2-Fluorophenol
Concen: 108.604 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF098167.D
Acq: 30 Aug 2017 20:35

Tgt Ion:112 Resp: 962391
Ion Ratio Lower Upper
112 100
64 55.3 46.0 69.0
63 28.1 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: 96.681 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF098167.D

Acq: 30 Aug 2017 20:35

Instrument :

BNA_F

ClientSampleId :

NB-08-082817-B

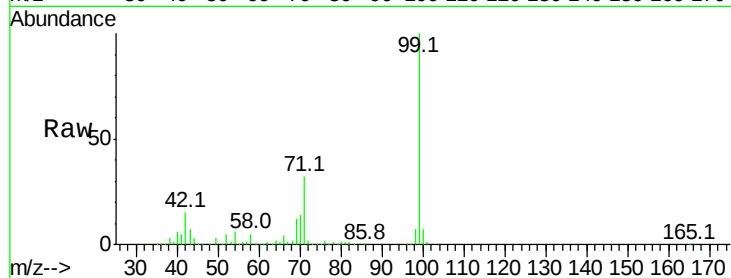
Tot Ion: 99 Resp: 1164061

Ion Ratio Lower Upper

99 100

42 14.9 13.5 20.3

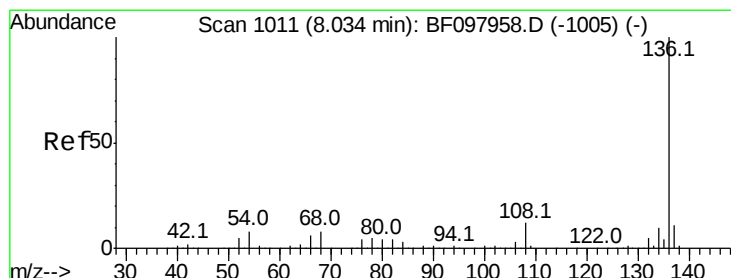
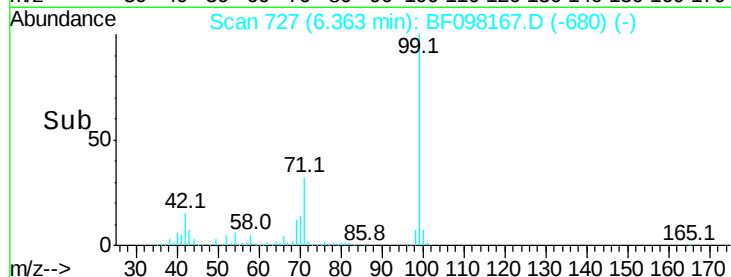
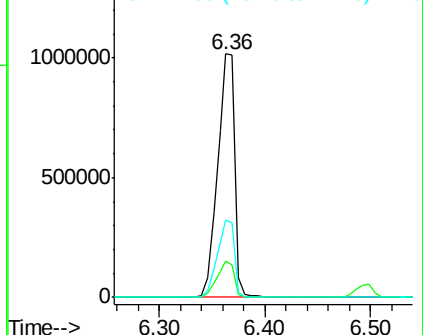
71 31.6 24.5 36.7



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: BF098167.D

Acq: 30 Aug 2017 20:35

Tgt Ion: 136 Resp: 546611

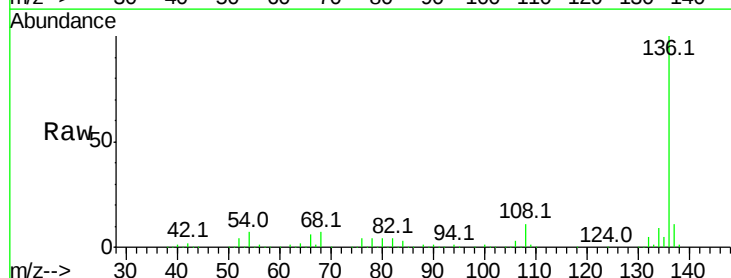
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.3 4.9 7.3

68 7.4 4.1 6.1#

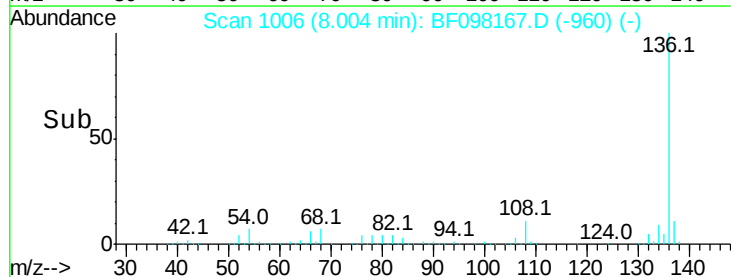
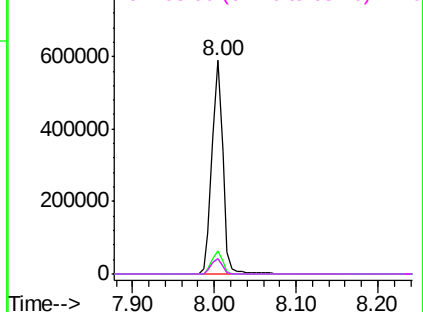


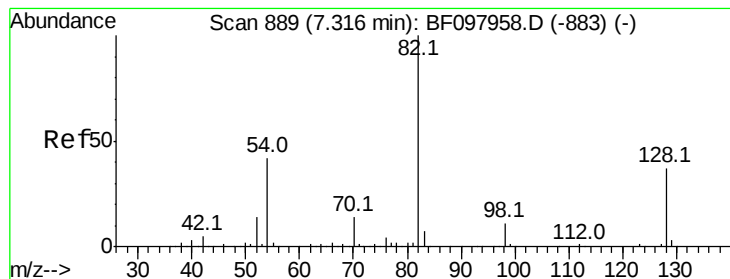
Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.913 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.03 min

Lab File: BF098167.D

Acq: 30 Aug 2017 20:35

Instrument :

BNA_F

ClientSampleId :

NB-08-082817-B

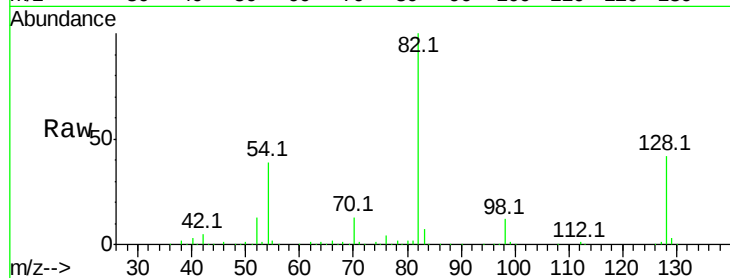
Tot Ion: 82 Resp: 904695

Ion Ratio Lower Upper

82 100

128 41.9 34.0 51.0

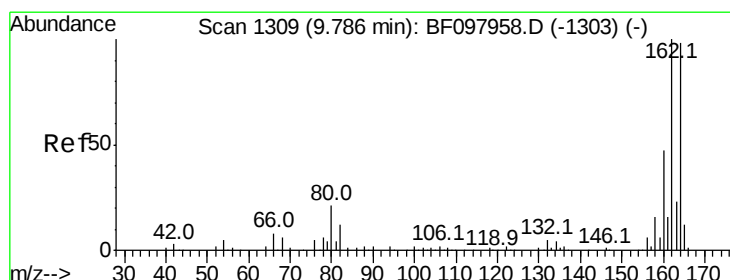
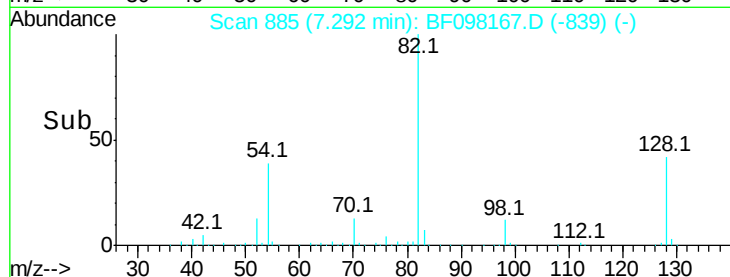
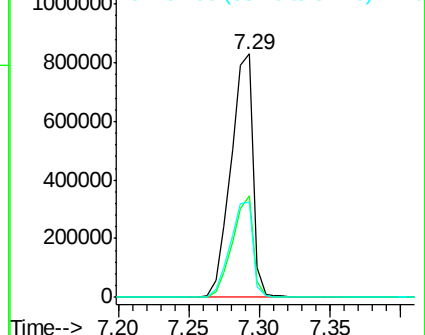
54 39.1 42.2 63.2#



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: 9.76 min Scan# 1304

Delta R.T. -0.03 min

Lab File: BF098167.D

Acq: 30 Aug 2017 20:35

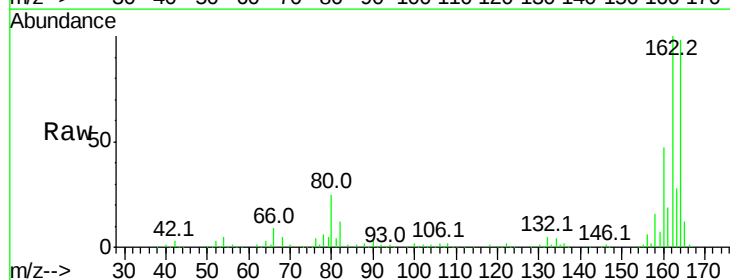
Tgt Ion:164 Resp: 245708

Ion Ratio Lower Upper

164 100

162 102.5 82.6 123.8

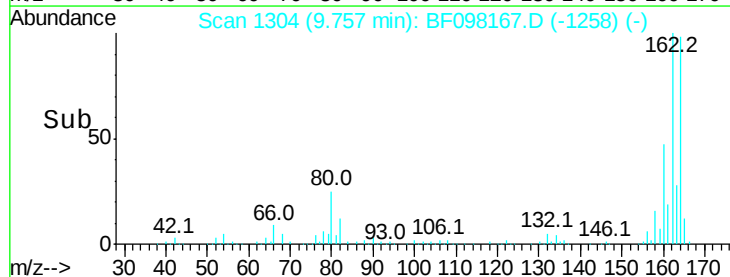
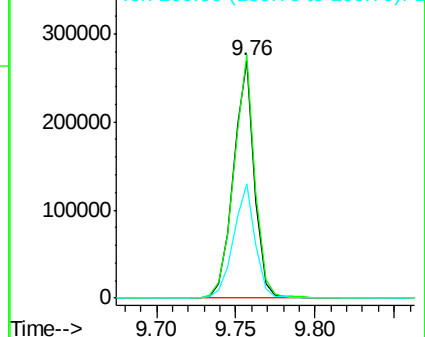
160 48.1 36.2 54.2

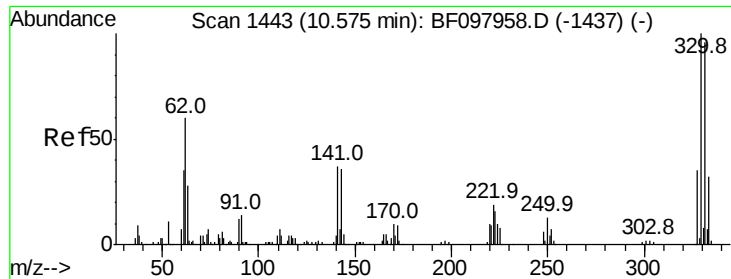


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

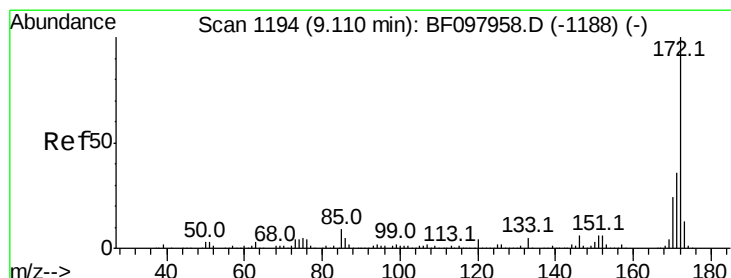
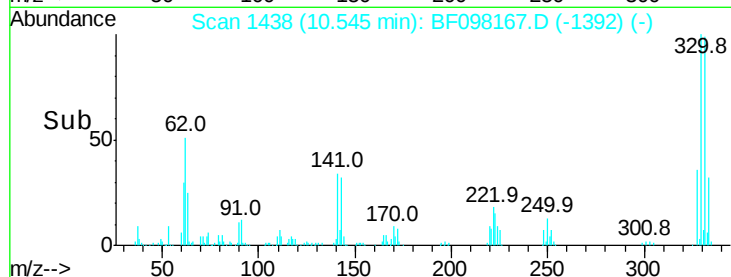
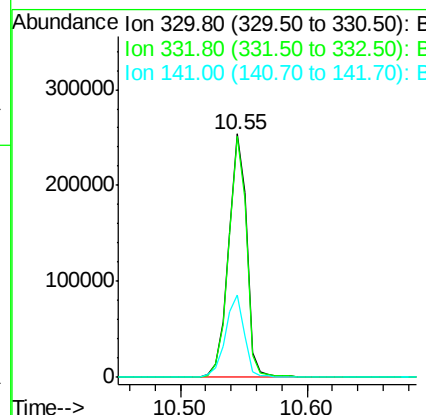
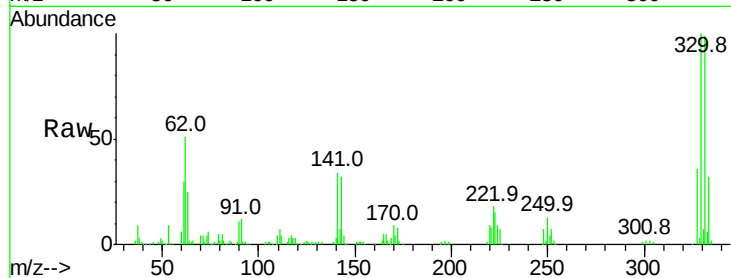




#41
 2,4,6-Tribromophenol
 Concen: 119.043 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.03 min
 Lab File: BF098167.D
 Acq: 30 Aug 2017 20:35

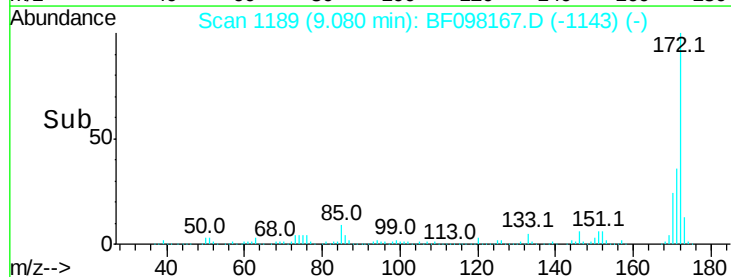
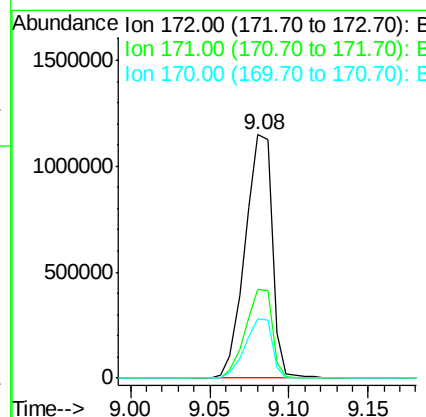
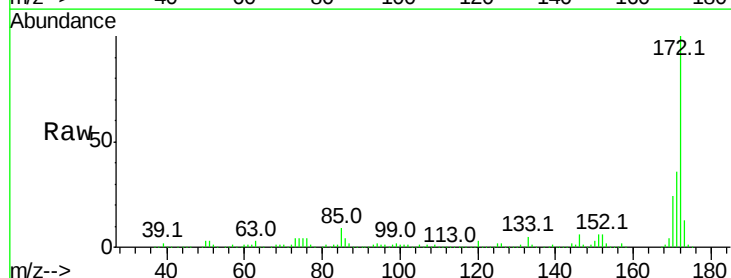
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-082817-B

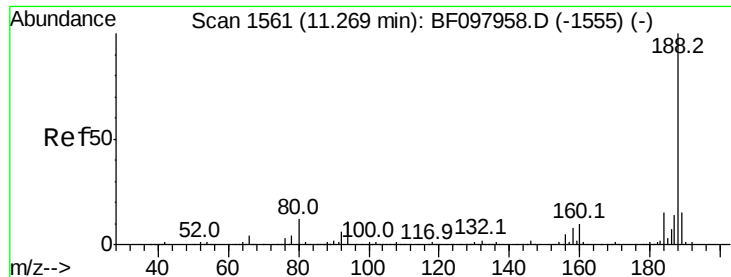
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	115.0
141	35.2	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 81.497 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF098167.D
 Acq: 30 Aug 2017 20:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	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: BF098167.D

Acq: 30 Aug 2017 20:35

Instrument :

BNA_F

ClientSampleId :

NB-08-082817-B

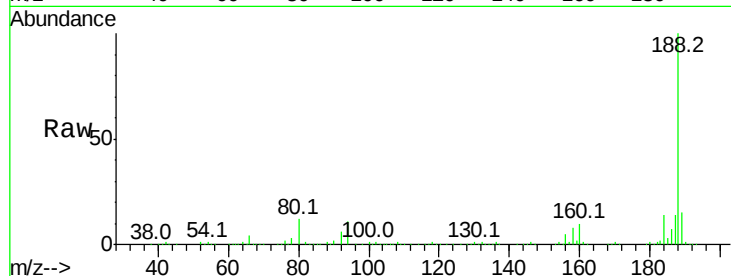
Tot Ion:188 Resp: 445995

Ion Ratio Lower Upper

188 100

94 11.0 9.4 14.2

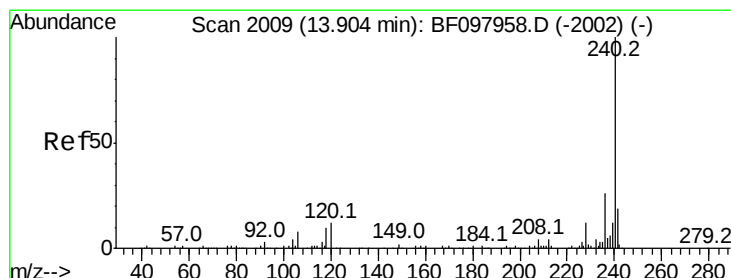
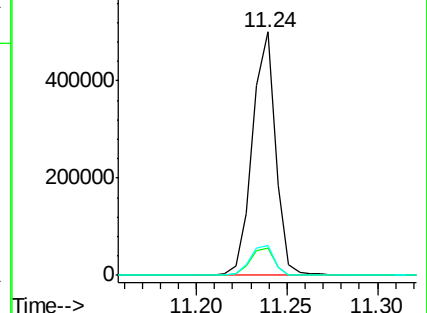
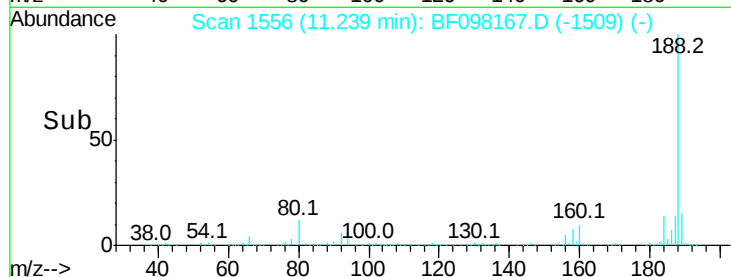
80 12.0 10.2 15.2



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: BF098167.D

Acq: 30 Aug 2017 20:35

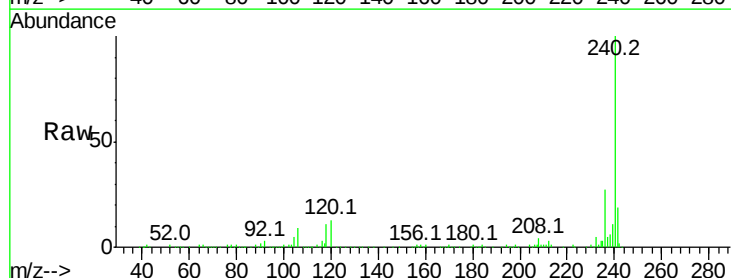
Tgt Ion:240 Resp: 271470

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

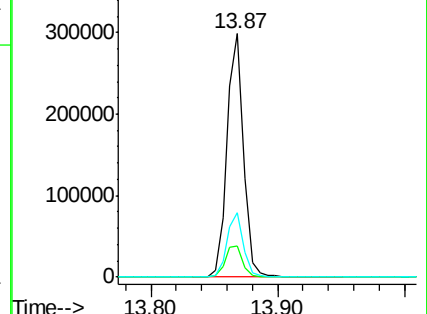
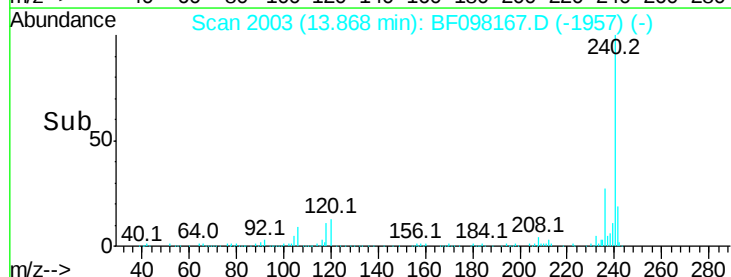
236 26.5 20.5 30.7

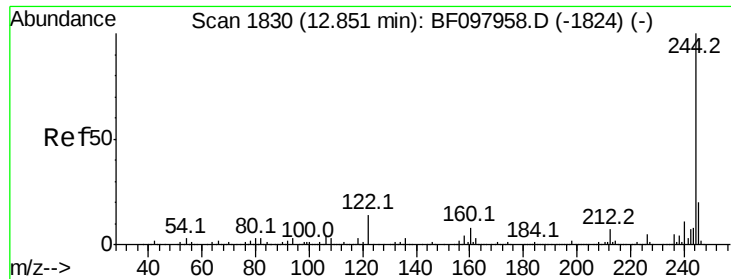


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

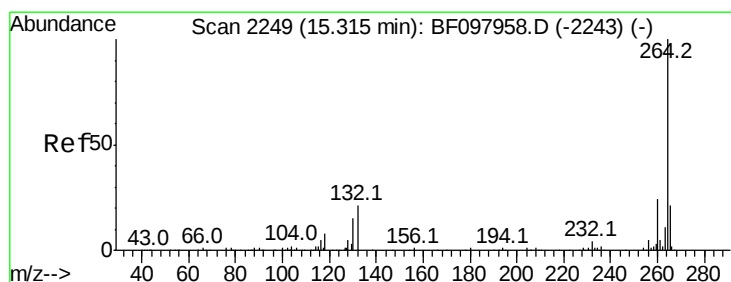
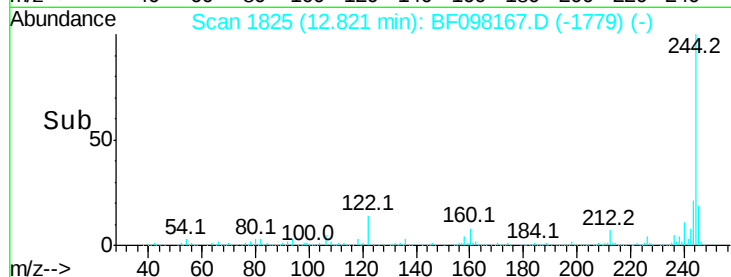
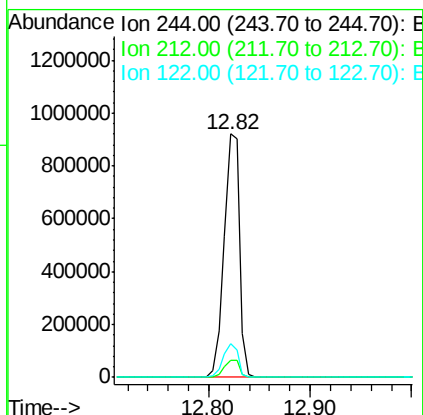
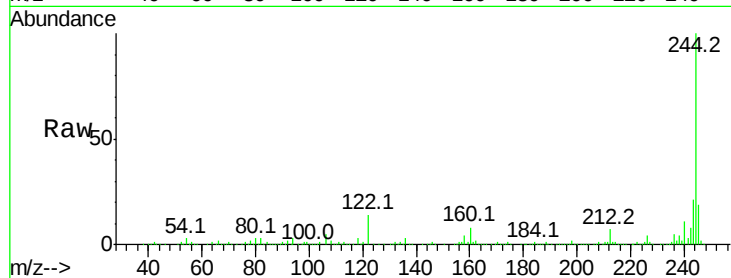




#78
 Terphenyl-d14
 Concen: 74.772 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.03 min
 Lab File: BF098167.D
 Acq: 30 Aug 2017 20:35

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Tot Ion:244 Resp: 973385
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.03 min
 Lab File: BF098167.D
 Acq: 30 Aug 2017 20:35

Tgt Ion:264 Resp: 255219
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.1 17.2 25.8

