

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098687.D
 Acq On : 22 Sep 2017 9:20
 Operator : SJ/JU
 Sample : PB102454BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102454BL

Quant Time: Sep 22 12:09:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 11:54:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	157325	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	661491	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	303433	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	541805	20.00	ng	0.00
75) Chrysene-d12	14.08	240	451654	20.00	ng	0.00
86) Perylene-d12	15.57	264	366164	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1167439	112.68	ng	0.01
7) Phenol-d6	6.55	99	1374646	109.57	ng	0.00
23) Nitrobenzene-d5	7.49	82	840719	86.21	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	336094	121.12	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1533614	80.43	ng	0.00
78) Terphenyl-d14	13.03	244	1402156	66.66	ng	0.00

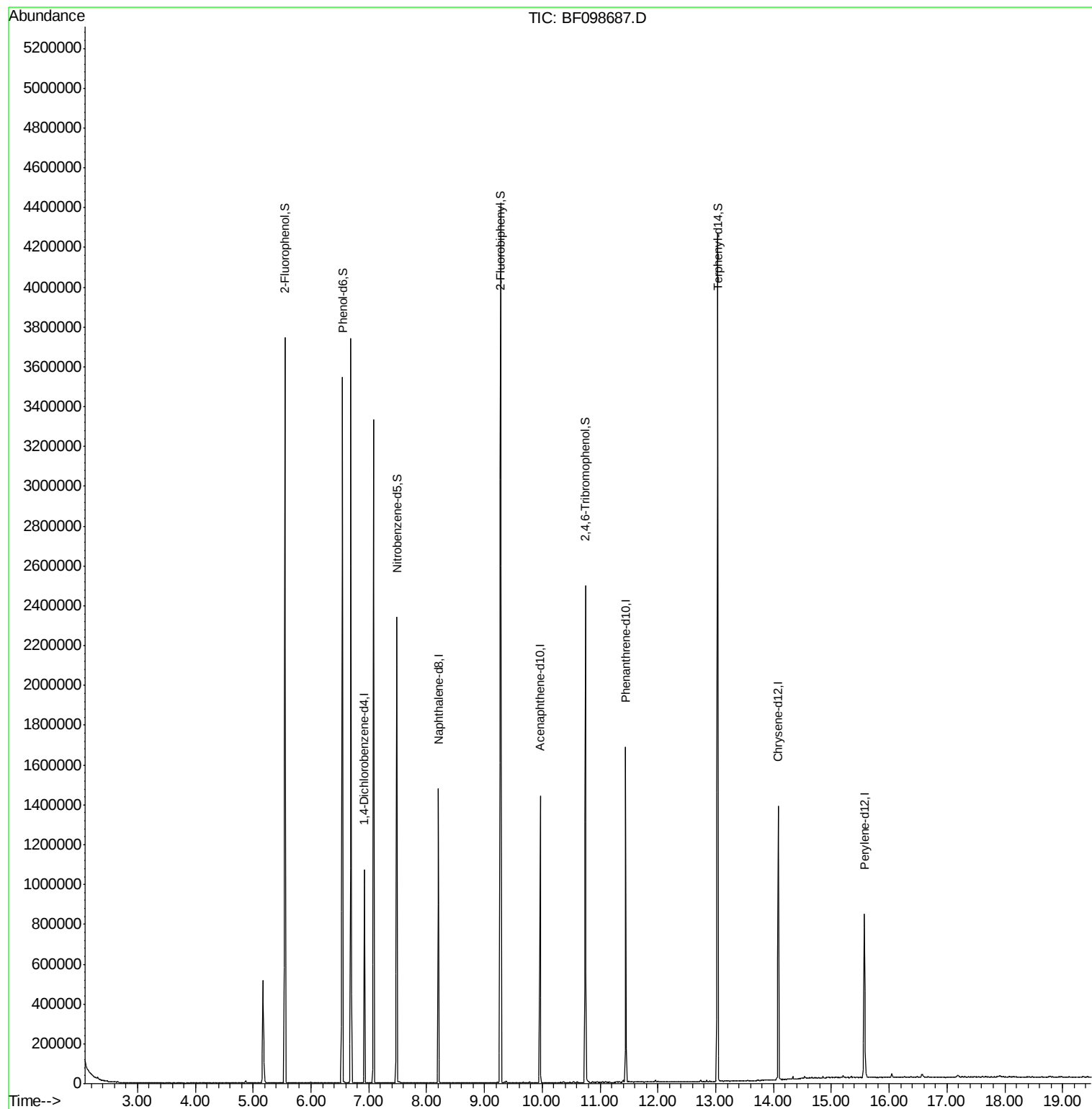
Target Compounds Qvalue

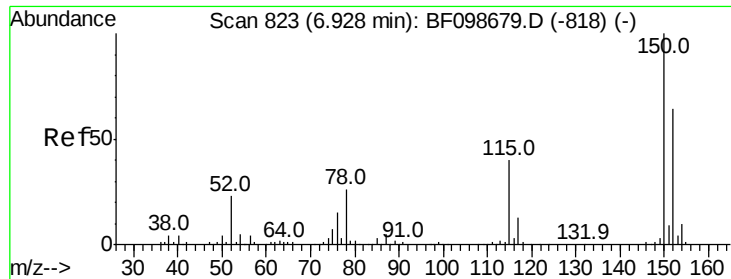
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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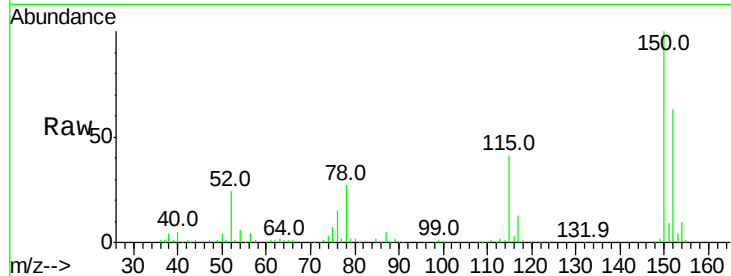


#1

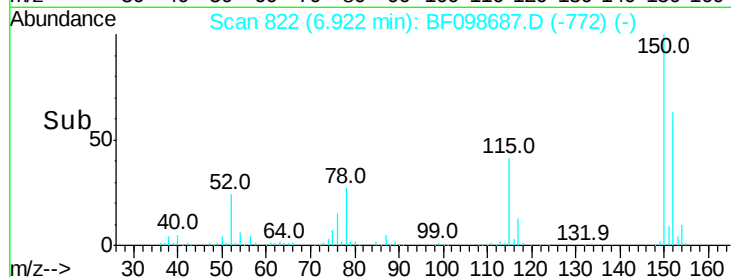
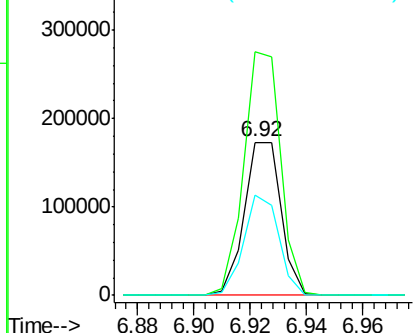
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF098687.D
Acq: 22 Sep 2017 9:20

Instrument :
BNA_F
ClientSampleId :
PB102454BL

Tot Ion:152 Resp: 157325
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 65.0 50.1 75.1



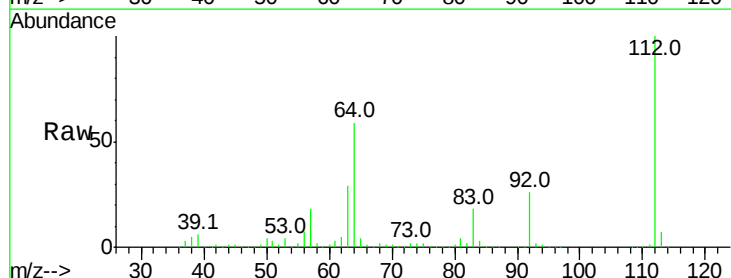
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



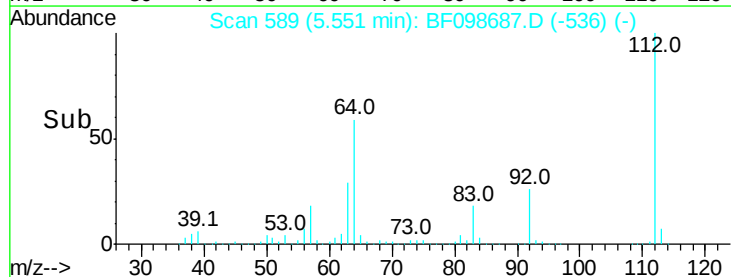
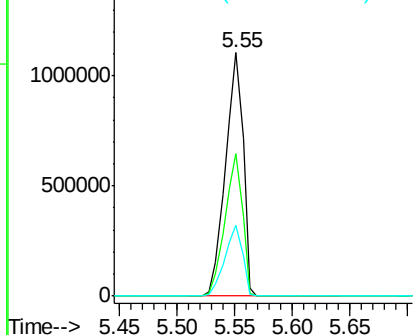
#5

2-Fluorophenol
Concen: 112.683 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF098687.D
Acq: 22 Sep 2017 9:20

Tgt Ion:112 Resp: 1167439
Ion Ratio Lower Upper
112 100
64 58.8 47.9 71.9
63 28.9 23.7 35.5



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: 109.569 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

Instrument :

BNA_F

ClientSampleId :

PB102454BL

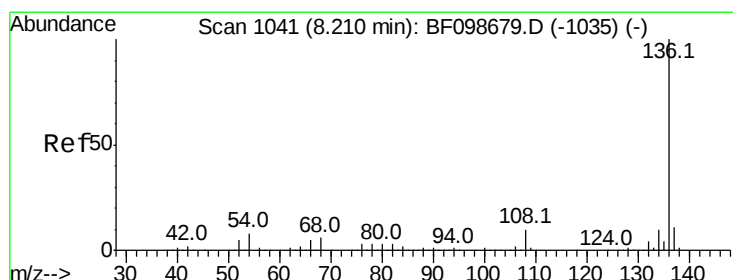
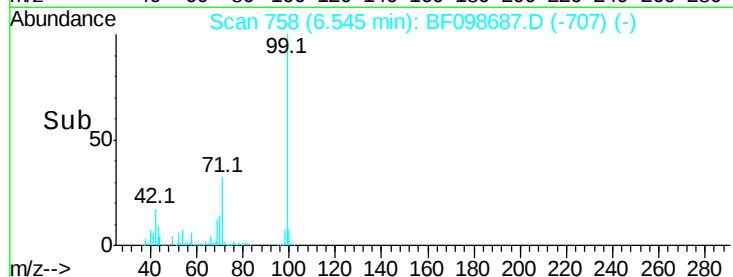
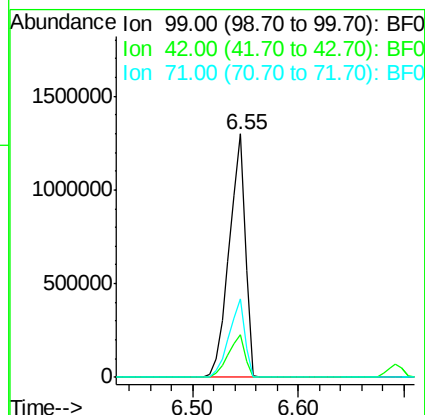
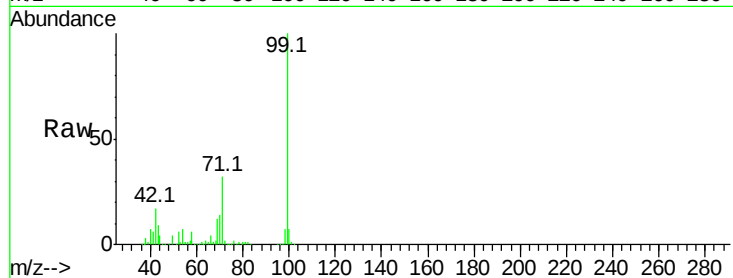
Tot Ion: 99 Resp: 1374646

Ion Ratio Lower Upper

99 100

42 17.4 14.5 21.7

71 32.2 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

Tgt Ion: 136 Resp: 661491

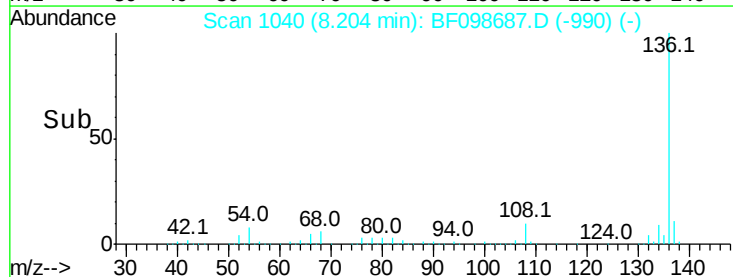
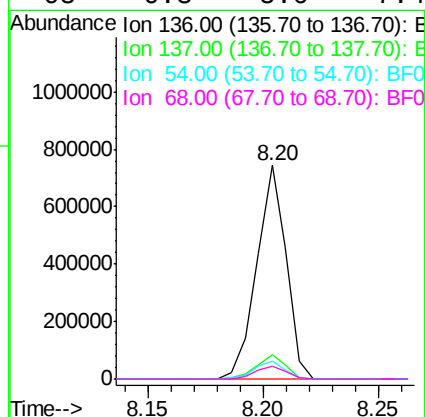
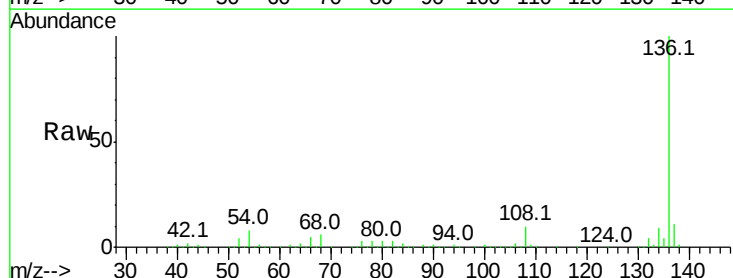
Ion Ratio Lower Upper

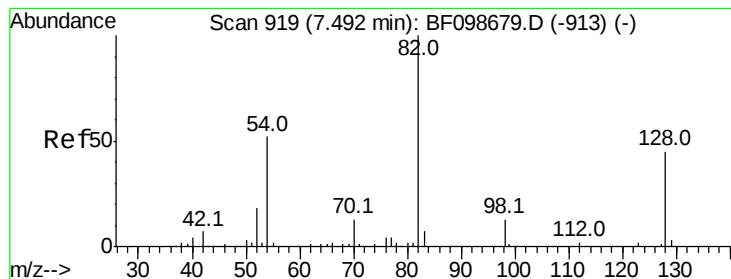
136 100

137 11.2 8.9 13.3

54 8.3 6.6 9.8

68 6.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 86.209 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

Instrument :

BNA_F

ClientSampleId :

PB102454BL

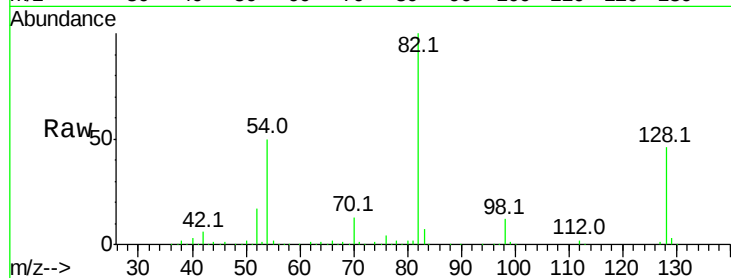
Tot Ion: 82 Resp: 840719

Ion Ratio Lower Upper

82 100

128 46.5 36.1 54.1

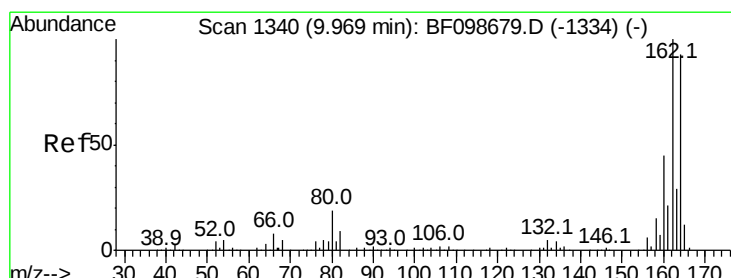
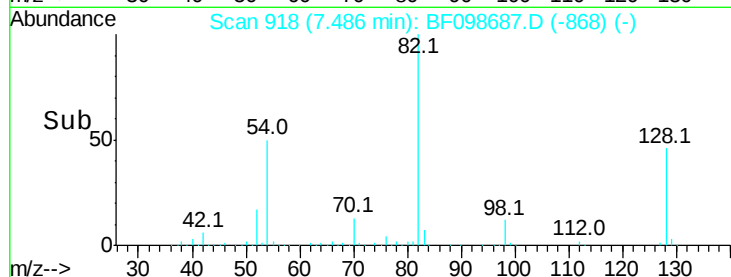
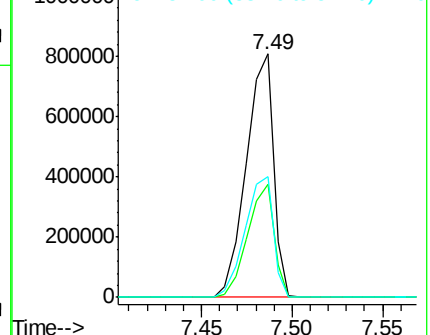
54 49.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

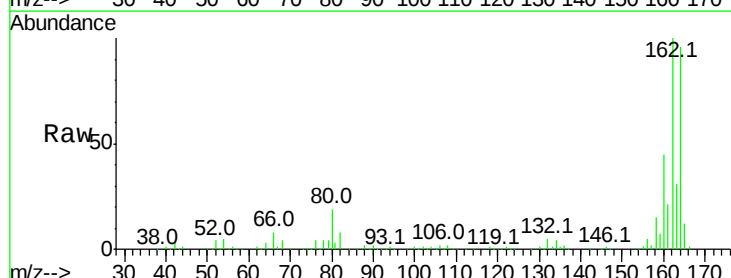
Tgt Ion:164 Resp: 303433

Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

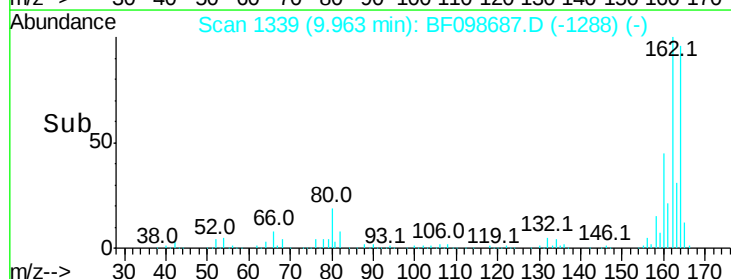
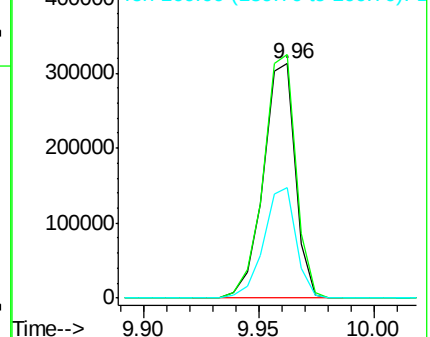
160 47.2 38.3 57.5

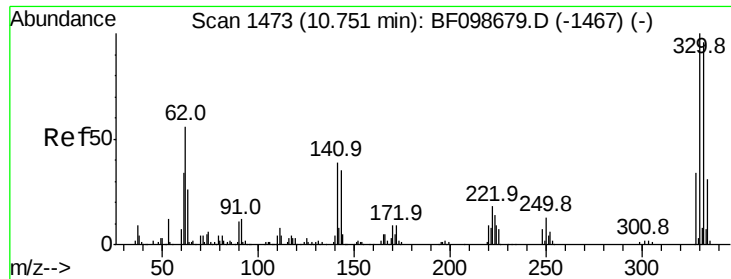


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

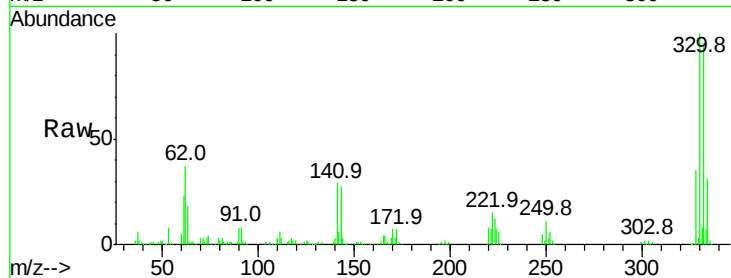




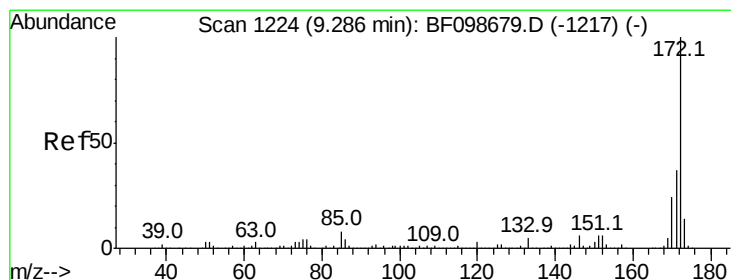
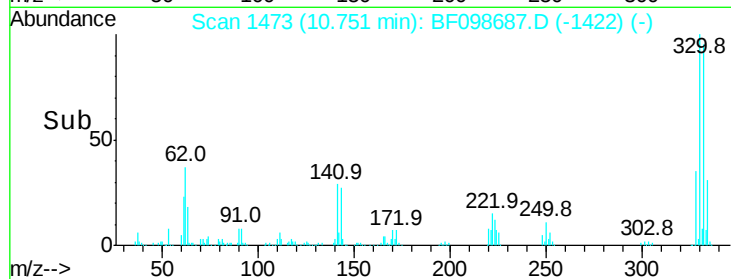
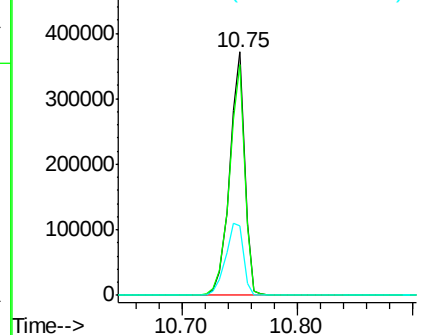
#41
 2,4,6-Tribromophenol
 Concen: 121.117 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BF098687.D
 Acq: 22 Sep 2017 9:20

Instrument :
 BNA_F
 ClientSampleId :
 PB102454BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	35.1	29.9	44.9

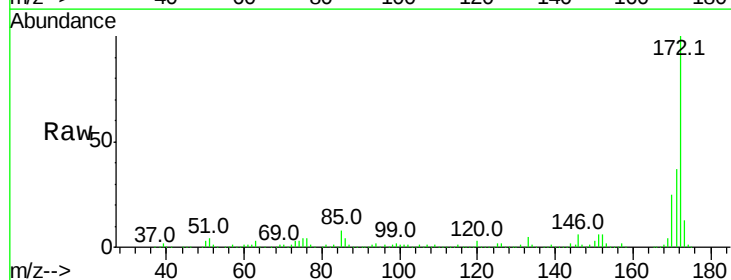


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

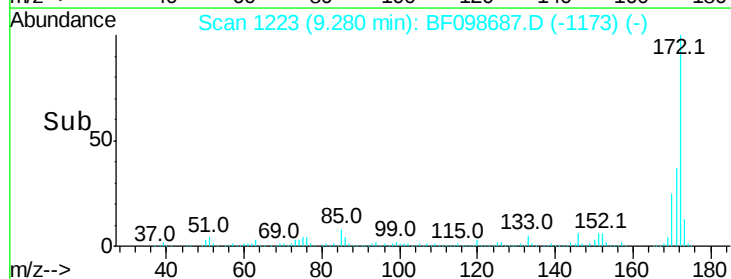
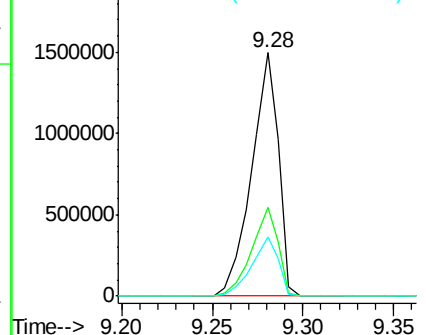


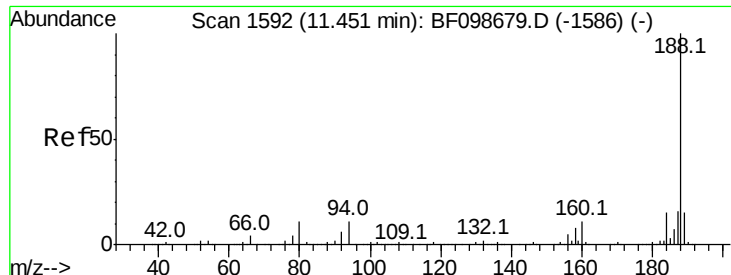
#44
 2-Fluorobiphenyl
 Concen: 80.427 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF098687.D
 Acq: 22 Sep 2017 9:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.5	19.6	29.4



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

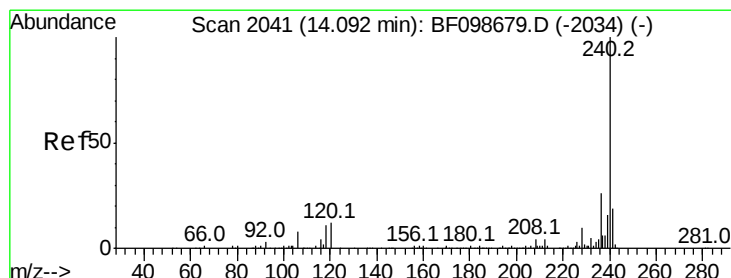
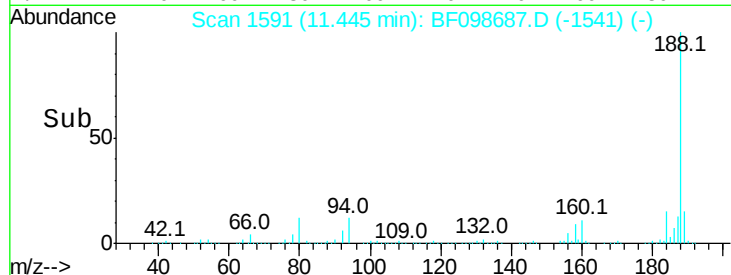
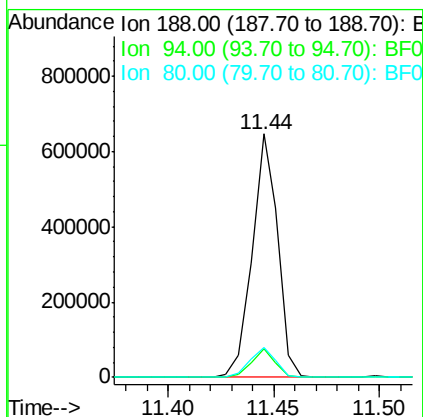
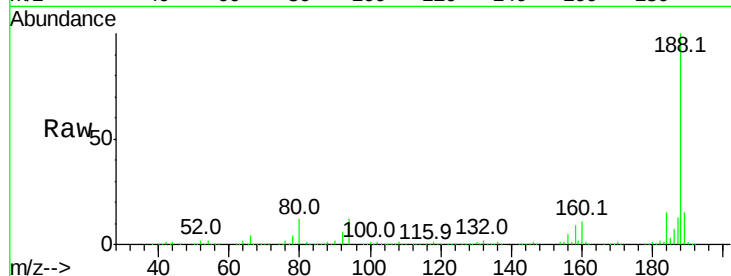




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF098687.D
Acq: 22 Sep 2017 9:20

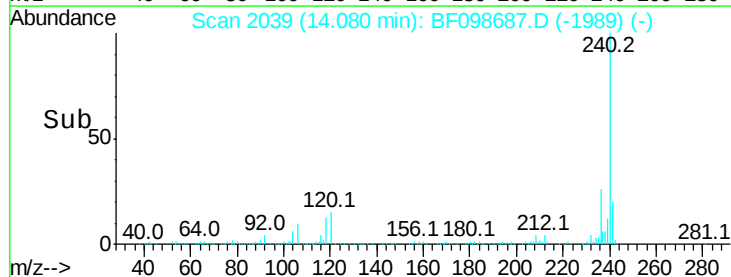
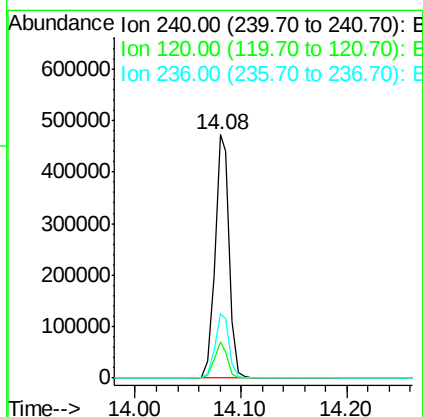
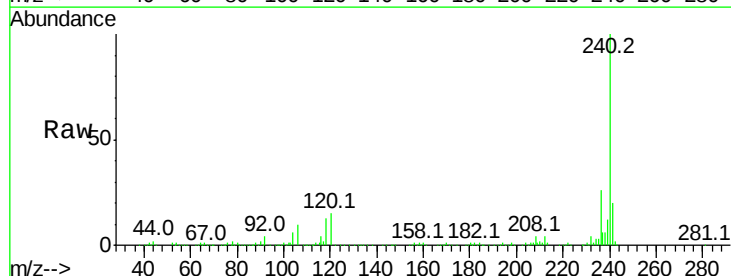
Instrument :
BNA_F
ClientSampleId :
PB102454BL

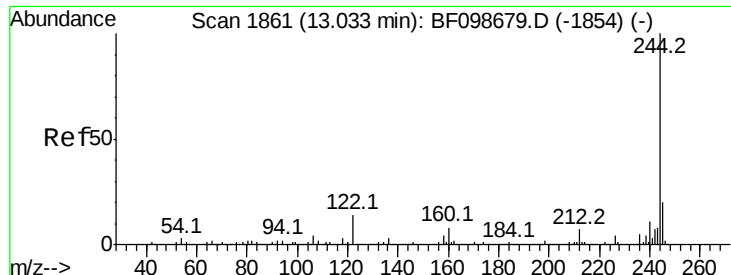
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	12.4	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF098687.D
Acq: 22 Sep 2017 9:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.8	9.5	14.3#
236	26.3	20.7	31.1





#78

Terphenyl-d14

Concen: 66.660 ng

RT: 13.03 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

Instrument :

BNA_F

ClientSampleId :

PB102454BL

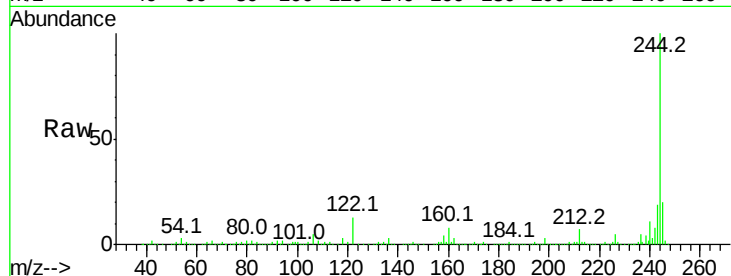
Tot Ion:244 Resp: 1402156

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

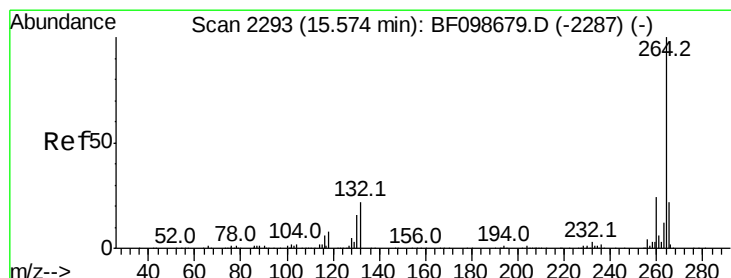
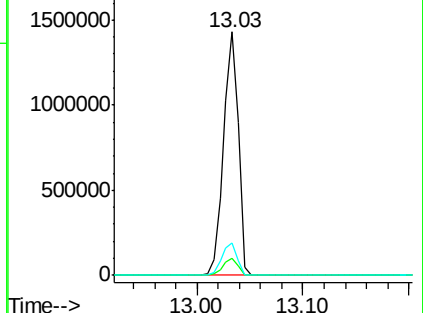
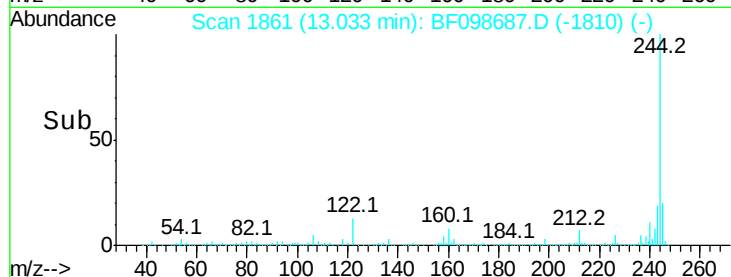
122 13.2 11.0 16.4



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: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BF098687.D

Acq: 22 Sep 2017 9:20

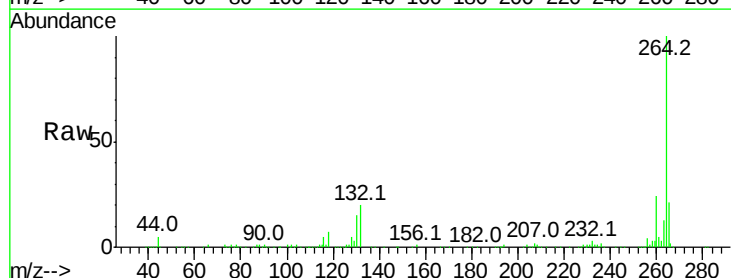
Tgt Ion:264 Resp: 366164

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.1 17.5 26.3



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

