

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098121.D
 Acq On : 29 Aug 2017 20:04
 Operator : SJ/JU
 Sample : I4989-10 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BERGEN-GEN-S4-COMP

Quant Time: Aug 30 05:29:54 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

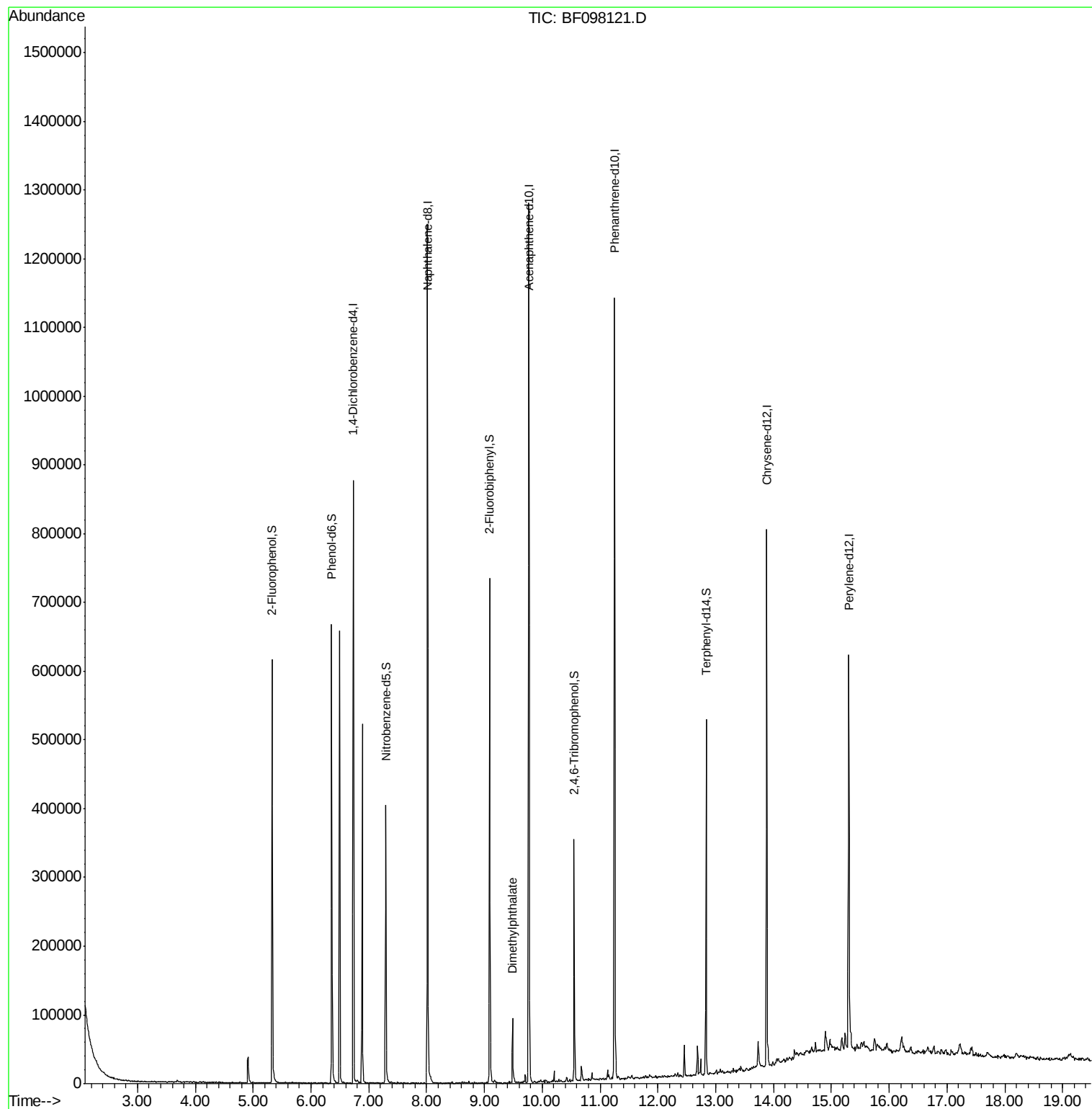
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	128169	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	511102	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	219089	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	364545	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	264543	20.00	ng	-0.02
86) Perylene-d12	15.30	264	246668	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	166789	19.79	ng	-0.02
7) Phenol-d6	6.36	99	230858	20.16	ng	-0.03
23) Nitrobenzene-d5	7.29	82	133382	14.18	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	32674	17.19	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	215594	14.46	ng	-0.02
78) Terphenyl-d14	12.83	244	137996	10.88	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.49	163	36337	2.269	ng	Qvalue # 99

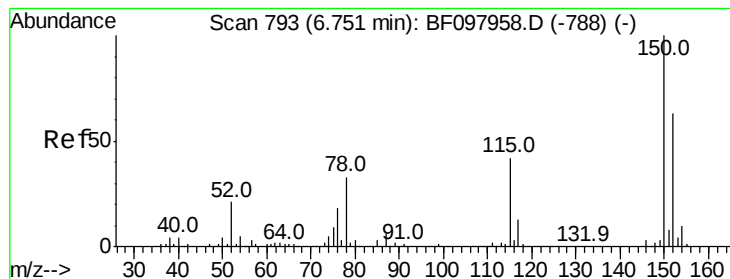
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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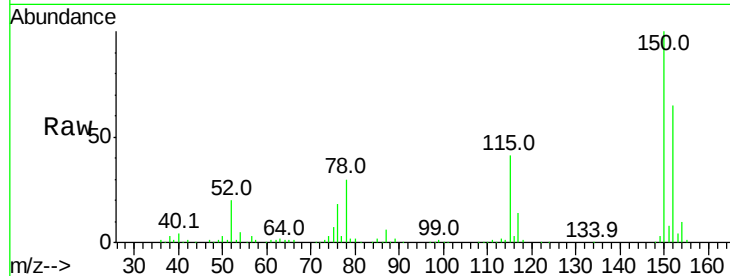


#1

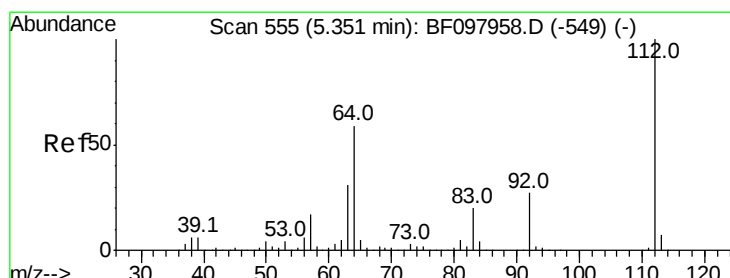
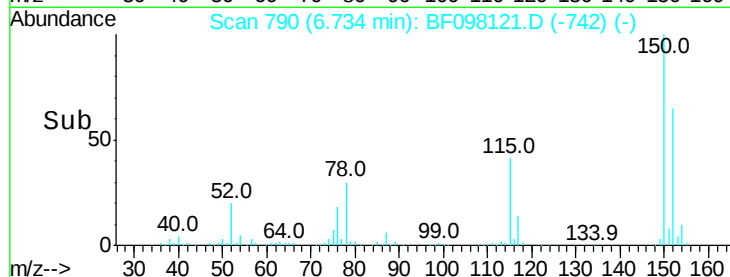
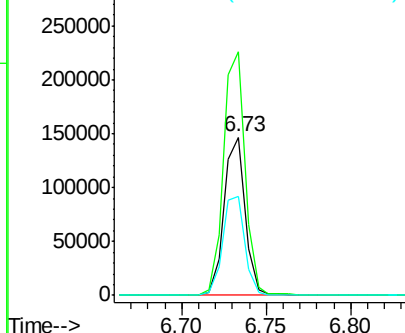
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098121.D
Acq: 29 Aug 2017 20:04

Instrument :
BNA_F
ClientSampleId :
BERGEN-GEN-S4-COMP

Tot Ion:152 Resp: 128169
Ion Ratio Lower Upper
152 100
150 154.2 126.2 189.2
115 62.5 52.2 78.2



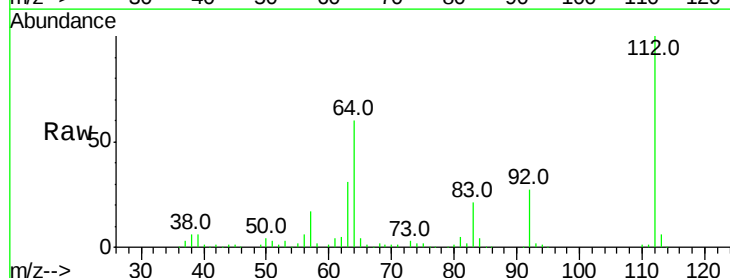
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



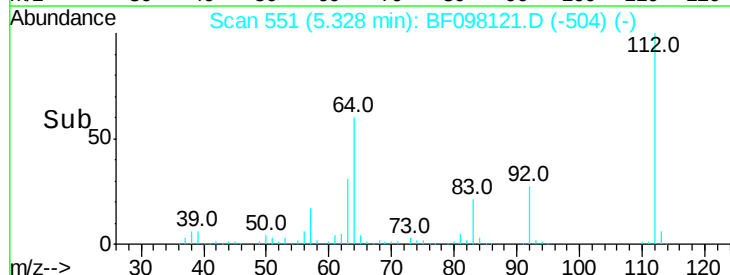
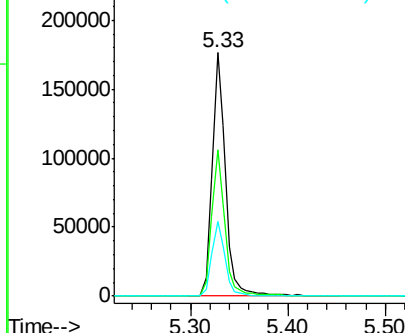
#5

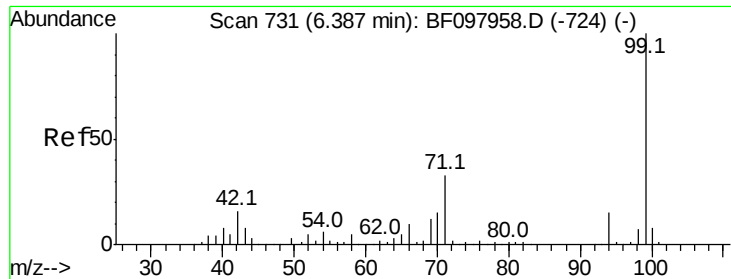
2-Fluorophenol
Concen: 19.794 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF098121.D
Acq: 29 Aug 2017 20:04

Tgt Ion:112 Resp: 166789
Ion Ratio Lower Upper
112 100
64 60.3 46.0 69.0
63 30.5 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: 20.164 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF098121.D

Acq: 29 Aug 2017 20:04

Instrument :

BNA_F

ClientSampleId :

BERGEN-GEN-S4-COMP

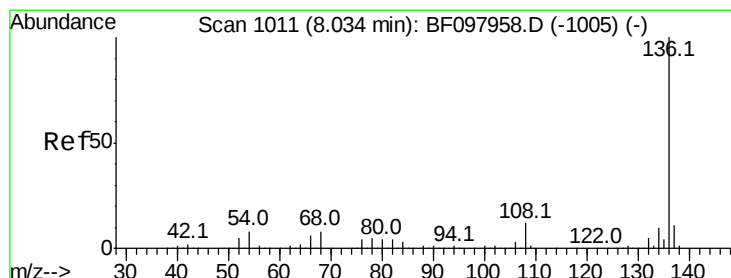
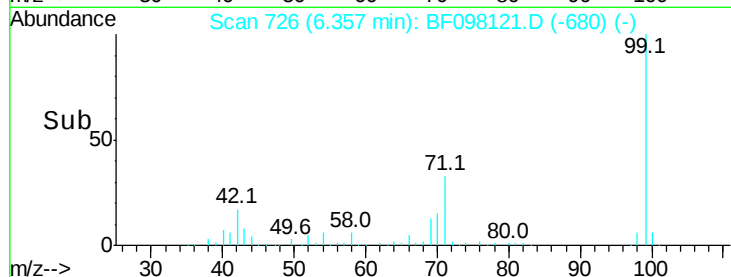
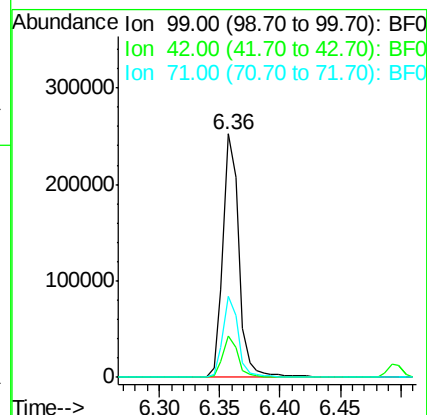
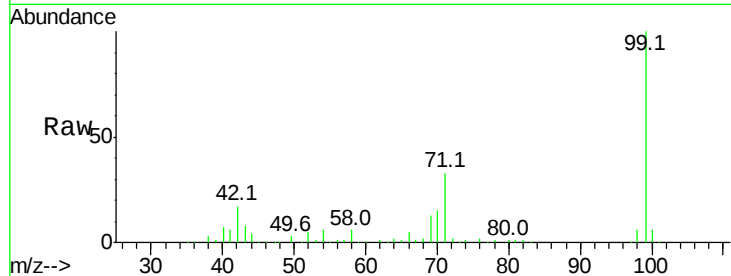
Tot Ion: 99 Resp: 230858

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

71 33.1 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF098121.D

Acq: 29 Aug 2017 20:04

Tgt Ion: 136 Resp: 511102

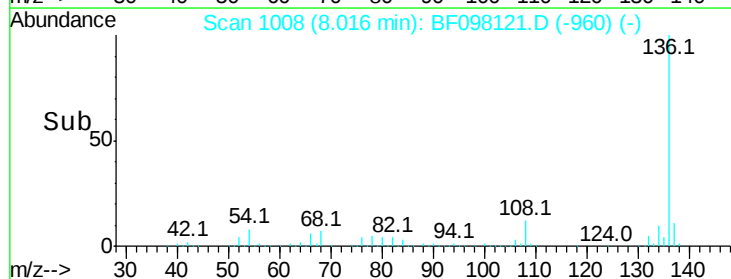
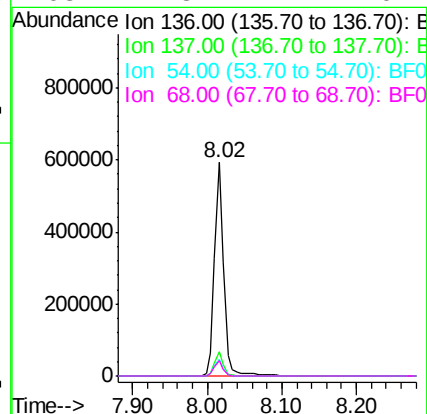
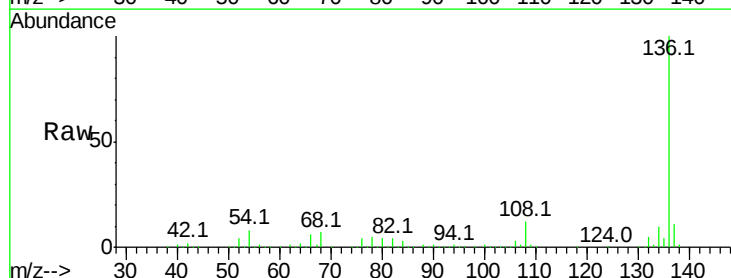
Ion Ratio Lower Upper

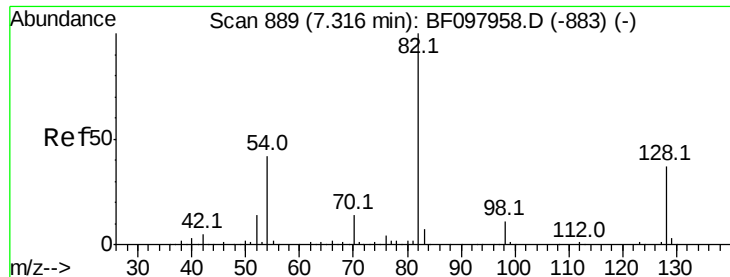
136 100

137 11.3 8.5 12.7

54 7.6 4.9 7.3#

68 7.3 4.1 6.1#

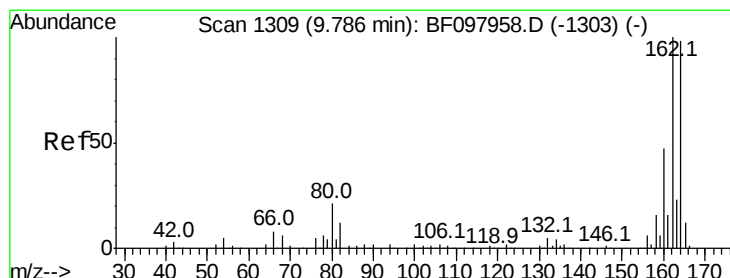
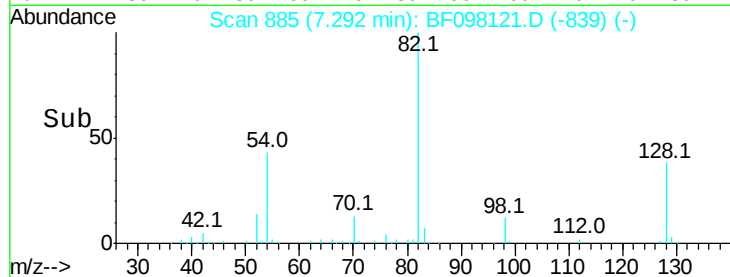
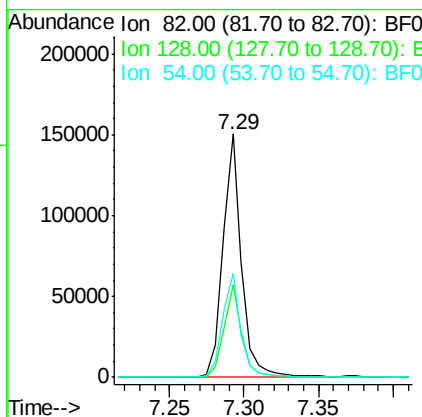
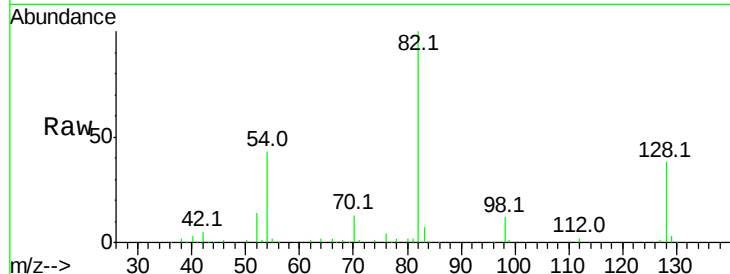




#23
 Nitrobenzene-d5
 Concen: 14.177 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BF098121.D
 Acq: 29 Aug 2017 20:04

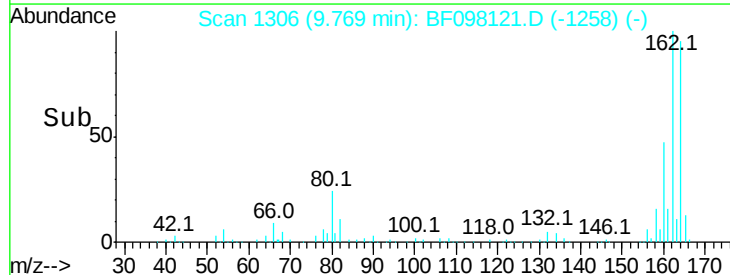
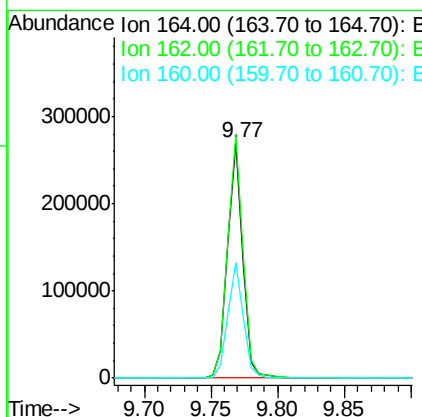
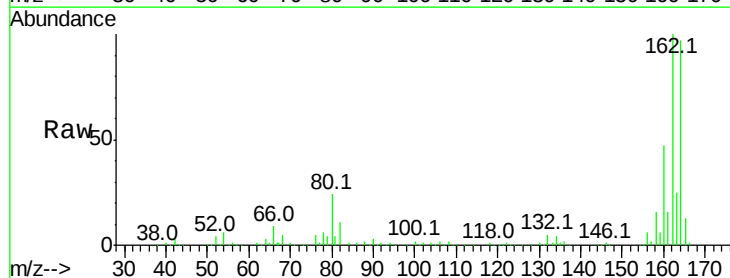
Instrument :
 BNA_F
 ClientSampleId :
 BERGEN-GEN-S4-COMP

Tot Ion	82	Resp	133382
Ion Ratio	Lower	Upper	
82	100		
128	38.0	34.0	51.0
54	42.6	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098121.D
 Acq: 29 Aug 2017 20:04

Tgt Ion	164	Resp	219089
Ion Ratio	Lower	Upper	
164	100		
162	103.6	82.6	123.8
160	48.9	36.2	54.2

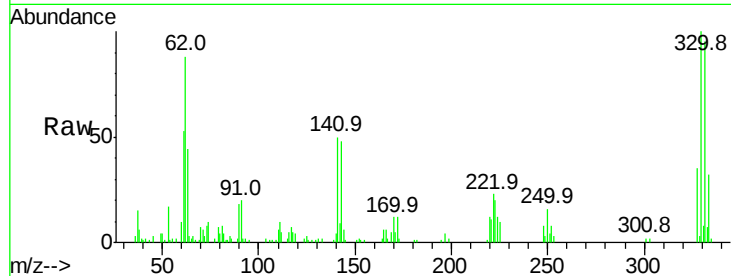




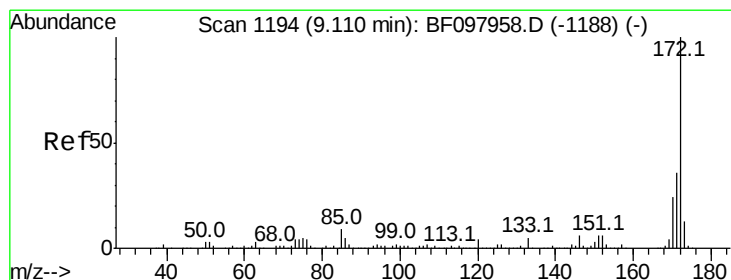
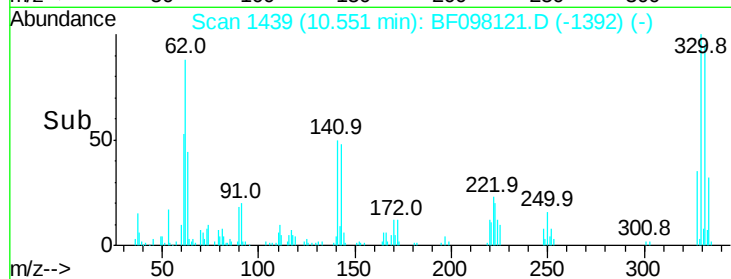
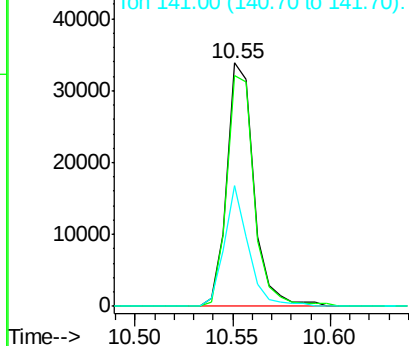
#41
 2,4,6-Tribromophenol
 Concen: 17.188 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF098121.D
 Acq: 29 Aug 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 BERGEN-GEN-S4-COMP

Tot Ion:330 Resp: 32674
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 43.8 31.4 47.2

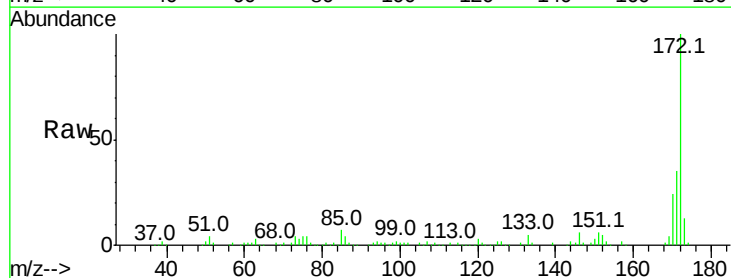


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

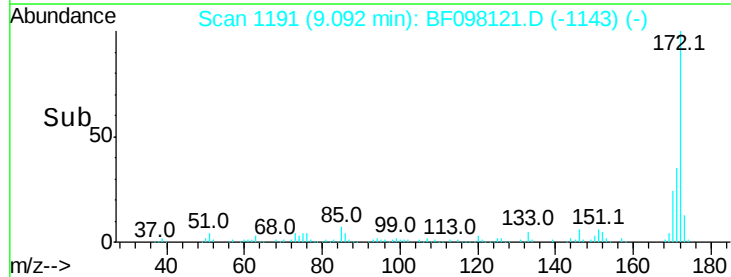
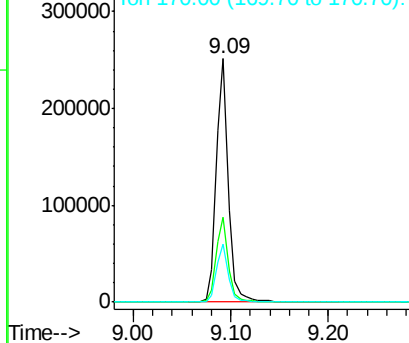


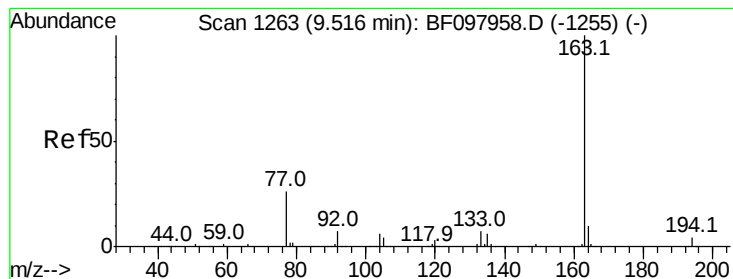
#44
 2-Fluorobiphenyl
 Concen: 14.458 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF098121.D
 Acq: 29 Aug 2017 20:04

Tgt Ion:172 Resp: 215594
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.6 44.4
 170 23.8 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





#49

Dimethylphthalate

Concen: 2.269 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.03 min

Lab File: BF098121.D

Acq: 29 Aug 2017 20:04

Instrument :

BNA_F

ClientSampleId :

BERGEN-GEN-S4-COMP

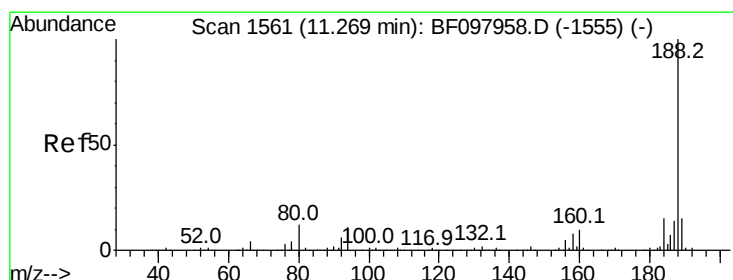
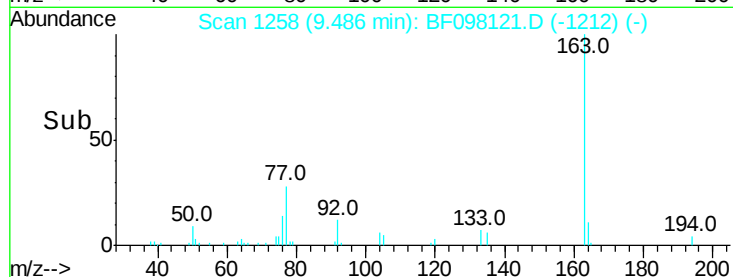
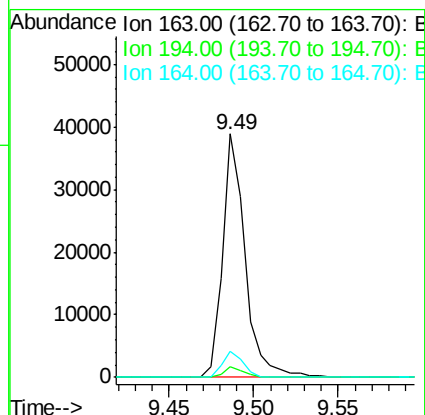
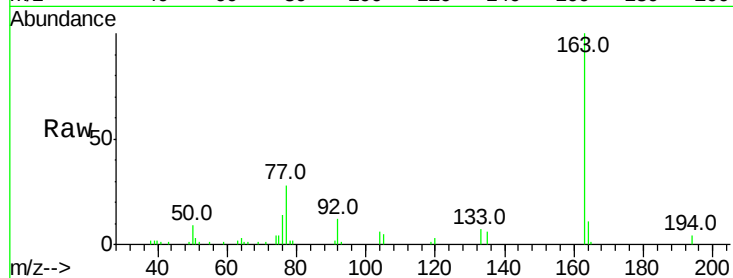
Tot Ion:163 Resp: 36337

Ion Ratio Lower Upper

163 100

194 4.3 2.6 4.0#

164 10.8 8.4 12.6



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF098121.D

Acq: 29 Aug 2017 20:04

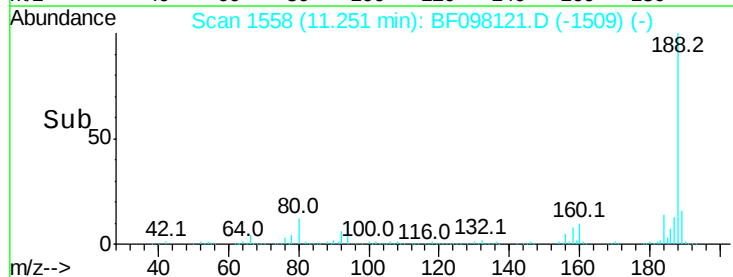
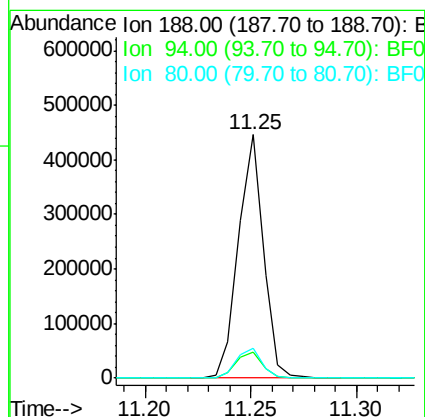
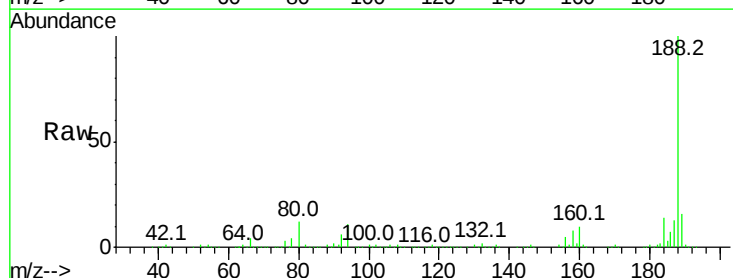
Tgt Ion:188 Resp: 364545

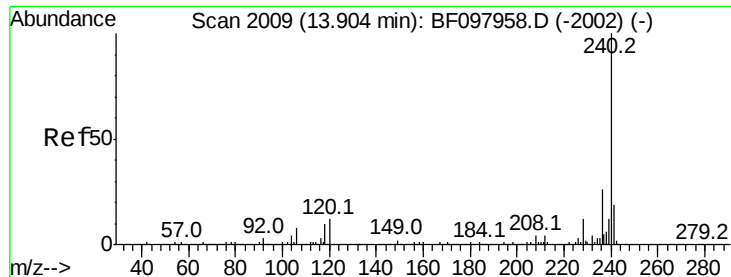
Ion Ratio Lower Upper

188 100

94 10.8 9.4 14.2

80 12.0 10.2 15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF098121.D

Acq: 29 Aug 2017 20:04

Instrument :

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ClientSampleId :

BERGEN-GEN-S4-COMP

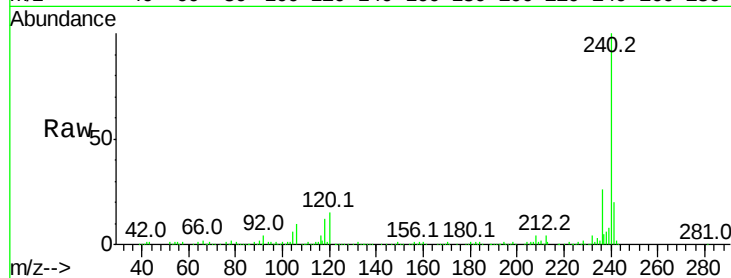
Tot Ion:240 Resp: 264543

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

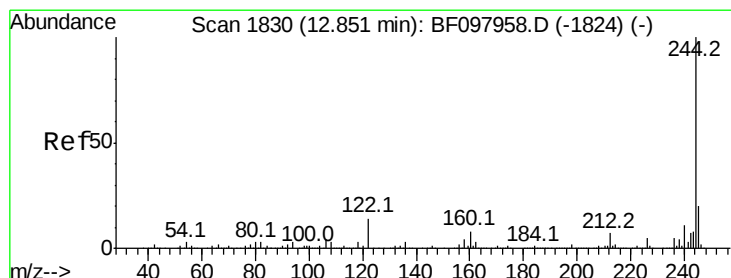
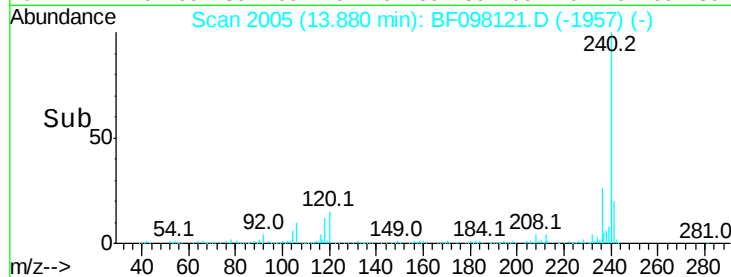
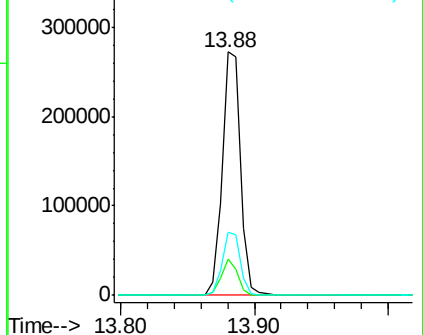
236 25.9 20.5 30.7



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: 10.878 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF098121.D

Acq: 29 Aug 2017 20:04

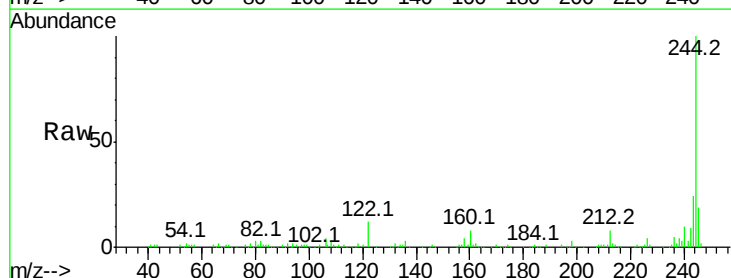
Tgt Ion:244 Resp: 137996

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

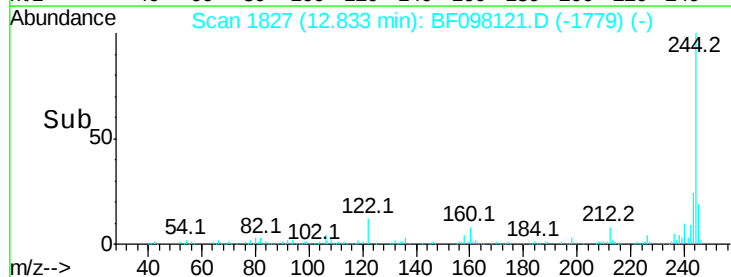
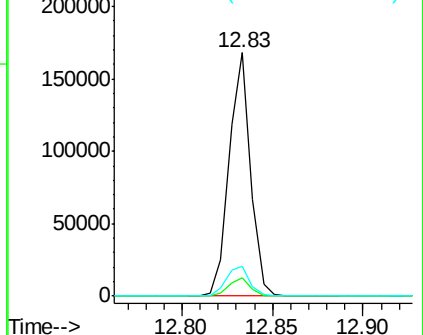
122 12.1 10.3 15.5

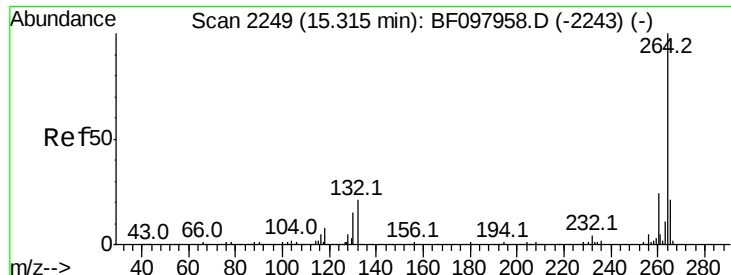


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BF098121.D
Acq: 29 Aug 2017 20:04

Instrument :
BNA_F
ClientSampleId :
BERGEN-GEN-S4-COMP

Tot Ion:264 Resp: 246668
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 21.1 17.2 25.8

