

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098147.D
 Acq On : 30 Aug 2017 9:25
 Operator : SJ/JU
 Sample : I4989-12
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: Aug 30 12:26:48 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	112252	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	452007	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	185801	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	299600	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	222073	20.00	ng	-0.02
86) Perylene-d12	15.30	264	183762	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	877239	118.87	ng	0.00
7) Phenol-d6	6.37	99	1080766	107.79	ng	-0.01
23) Nitrobenzene-d5	7.30	82	760423	91.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	191468	118.77	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	1086068	85.88	ng	-0.02
78) Terphenyl-d14	12.84	244	716445	67.28	ng	-0.01

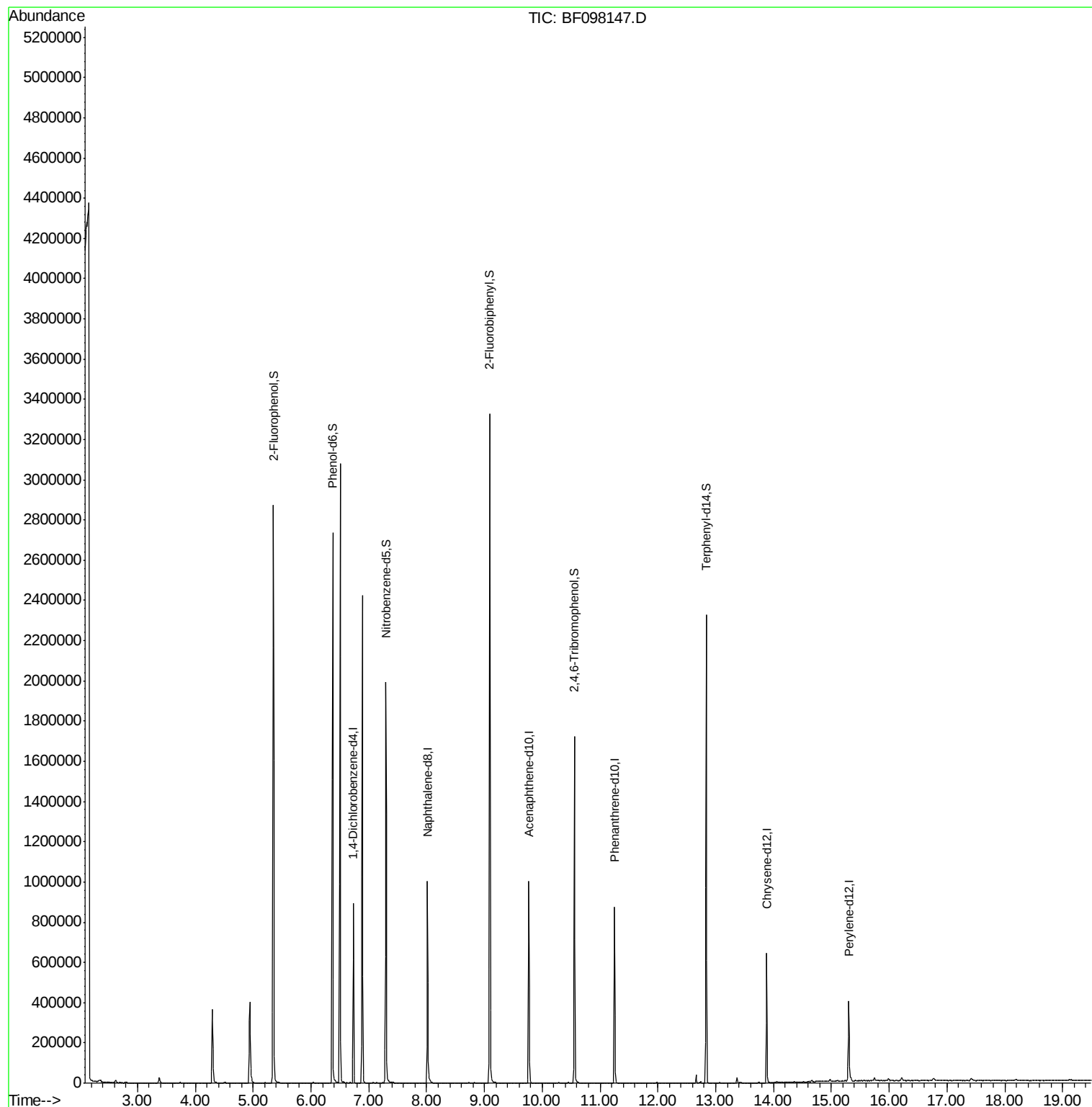
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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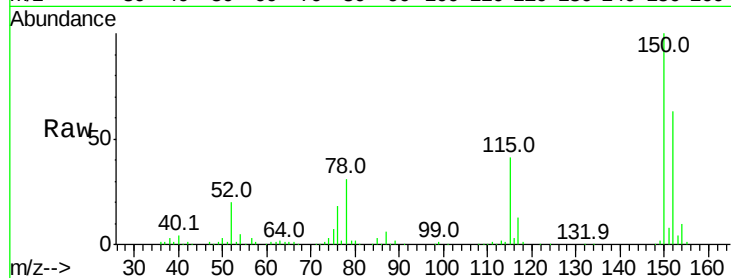


#1

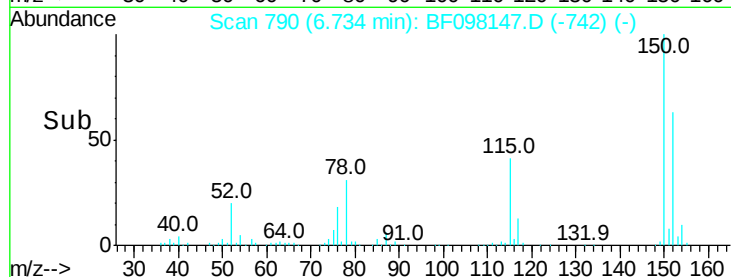
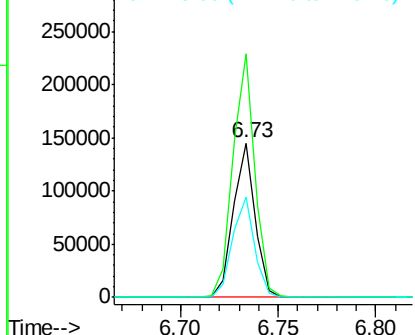
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098147.D
Acq: 30 Aug 2017 9:25

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

Tot Ion:152 Resp: 112252
Ion Ratio Lower Upper
152 100
150 157.9 126.2 189.2
115 65.1 52.2 78.2



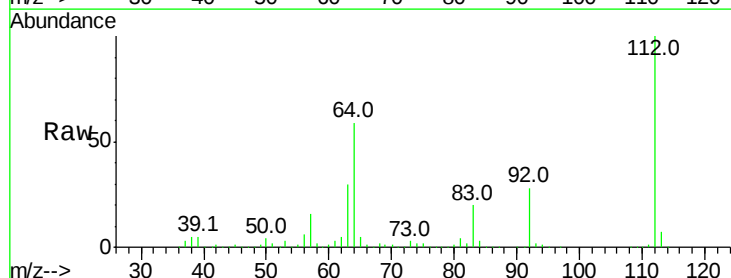
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



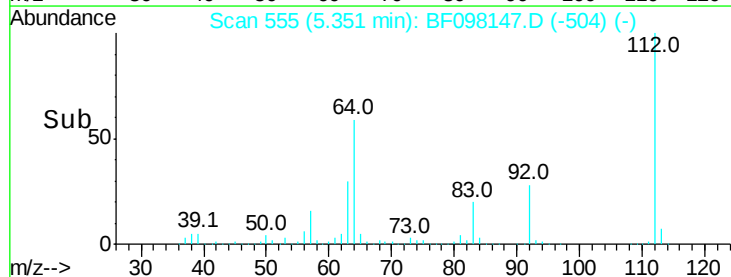
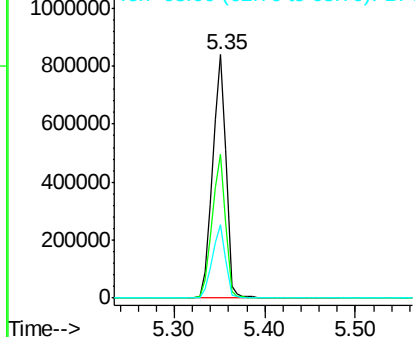
#5

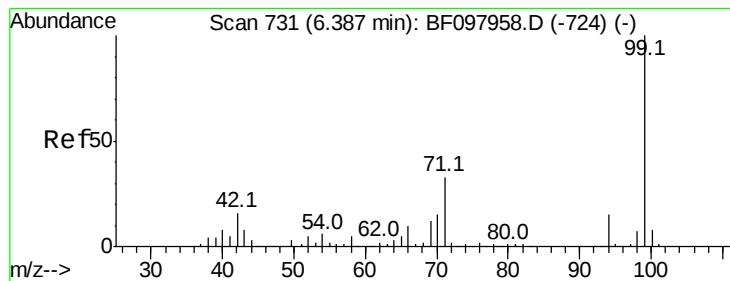
2-Fluorophenol
Concen: 118.871 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF098147.D
Acq: 30 Aug 2017 9:25

Tgt Ion:112 Resp: 877239
Ion Ratio Lower Upper
112 100
64 59.0 46.0 69.0
63 30.2 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: 107.785 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098147.D

Acq: 30 Aug 2017 9:25

Instrument :

BNA_F

ClientSampleId :

BERGEN-GEN-S4-COMP

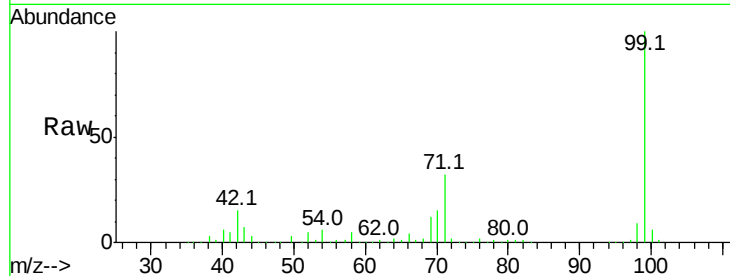
Tot Ion: 99 Resp: 1080766

Ion Ratio Lower Upper

99 100

42 14.9 13.5 20.3

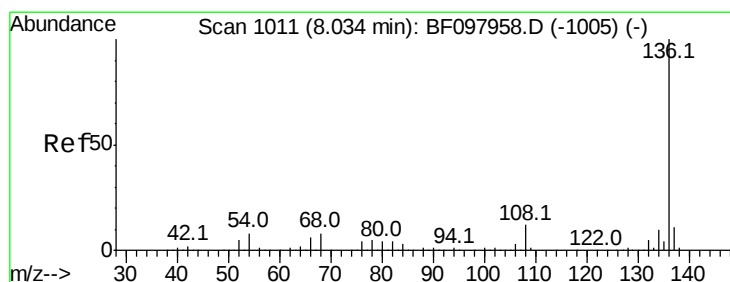
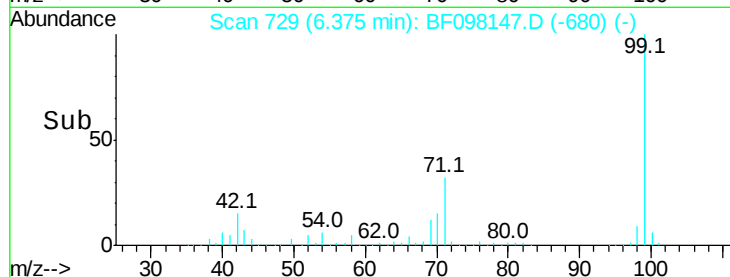
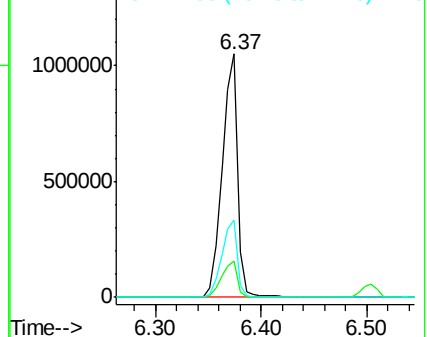
71 32.0 24.5 36.7



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# 1008

Delta R.T. -0.02 min

Lab File: BF098147.D

Acq: 30 Aug 2017 9:25

Tgt Ion: 136 Resp: 452007

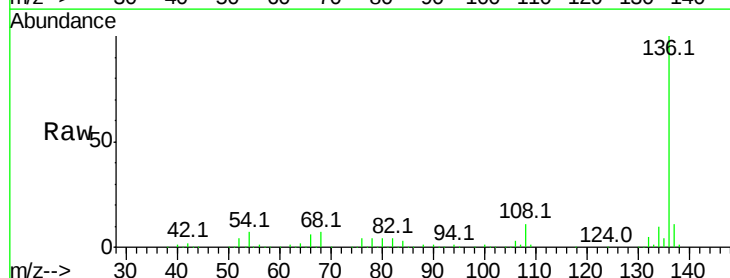
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.3 4.9 7.3

68 6.9 4.1 6.1#

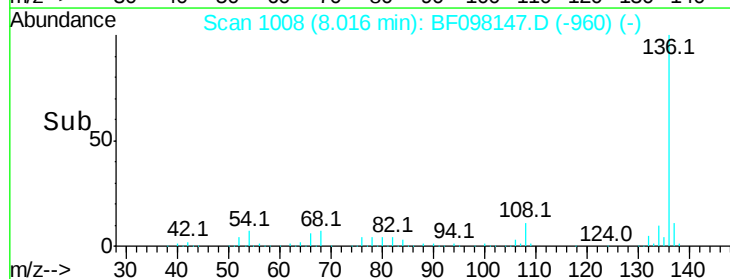
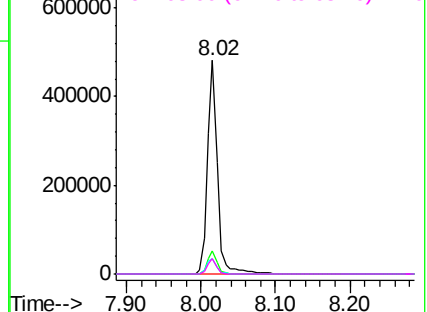


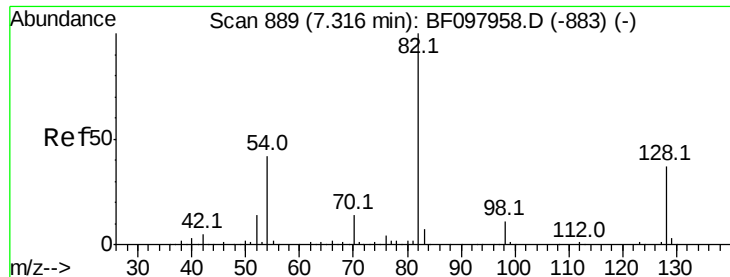
Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.392 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.02 min

Lab File: BF098147.D

Acq: 30 Aug 2017 9:25

Instrument :

BNA_F

ClientSampleId :

BERGEN-GEN-S4-COMP

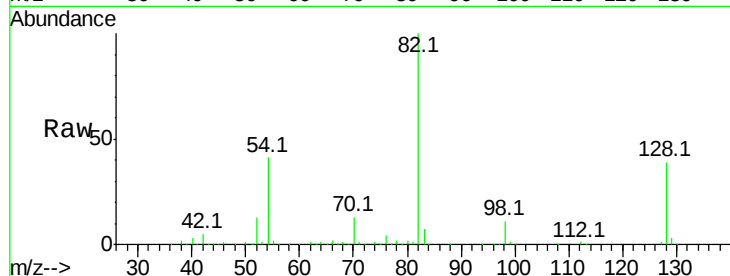
Tot Ion: 82 Resp: 760423

Ion Ratio Lower Upper

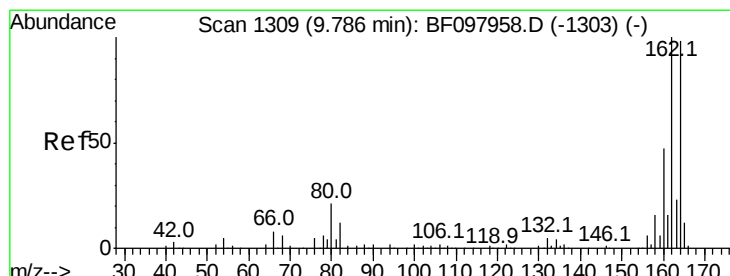
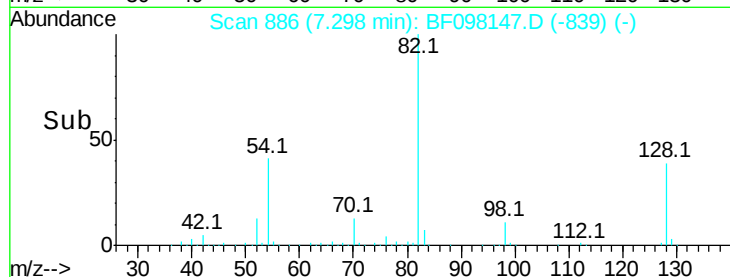
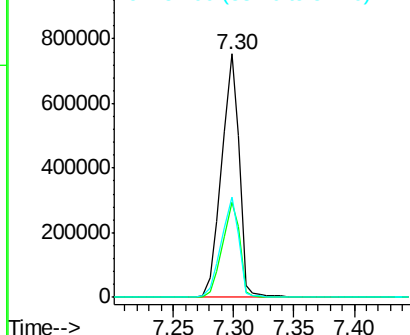
82 100

128 39.0 34.0 51.0

54 41.1 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: 9.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF098147.D

Acq: 30 Aug 2017 9:25

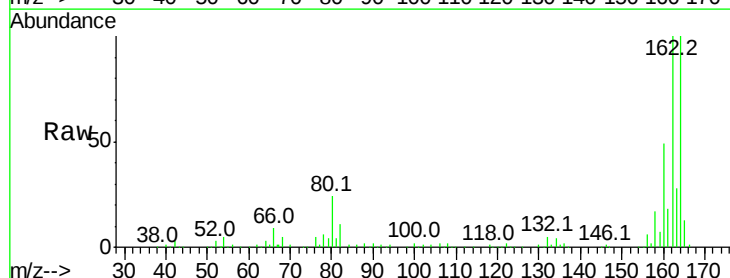
Tgt Ion:164 Resp: 185801

Ion Ratio Lower Upper

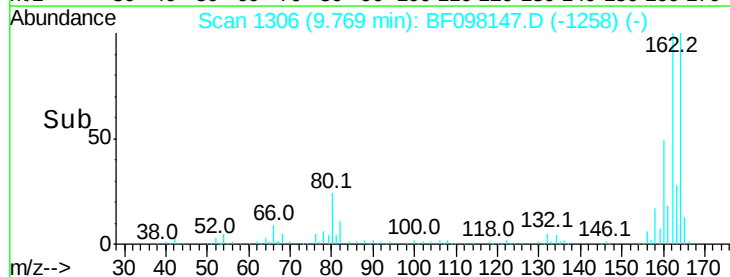
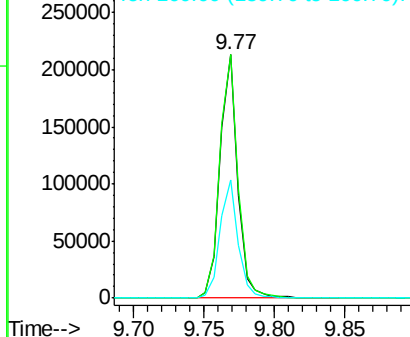
164 100

162 100.0 82.6 123.8

160 48.8 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

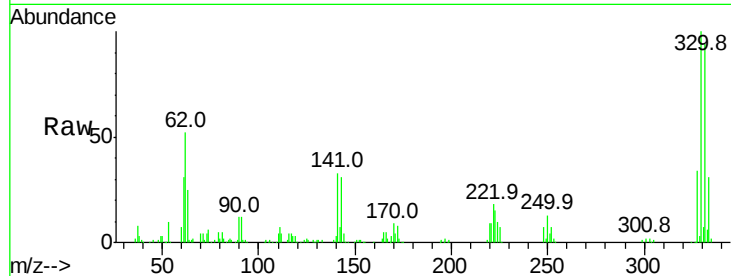




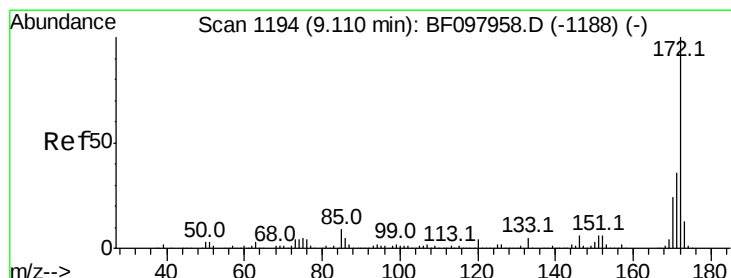
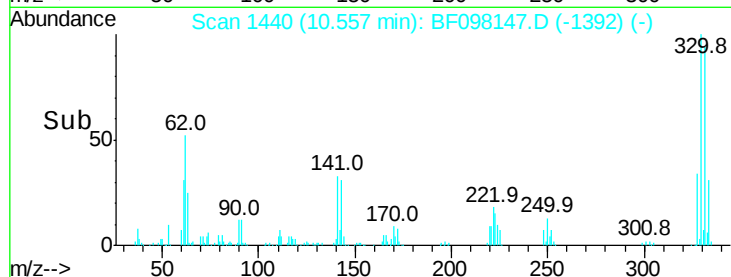
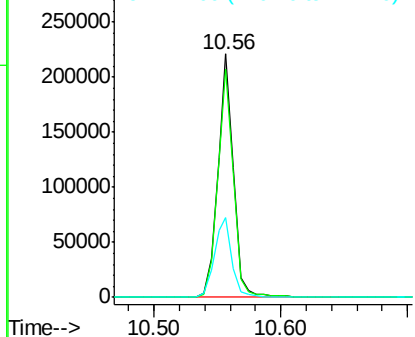
#41
 2,4,6-Tribromophenol
 Concen: 118.767 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF098147.D
 Acq: 30 Aug 2017 9:25

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

Tot Ion:330 Resp: 191468
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 37.0 31.4 47.2

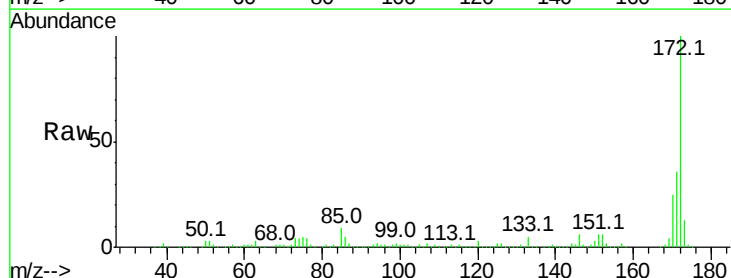


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

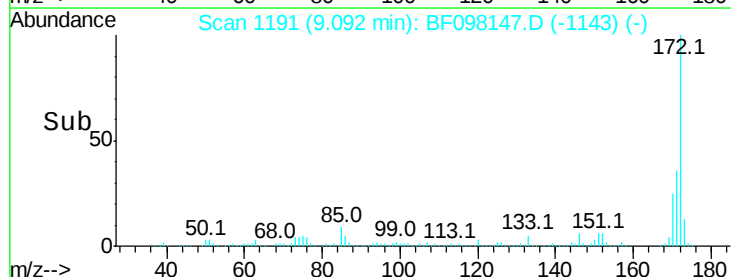
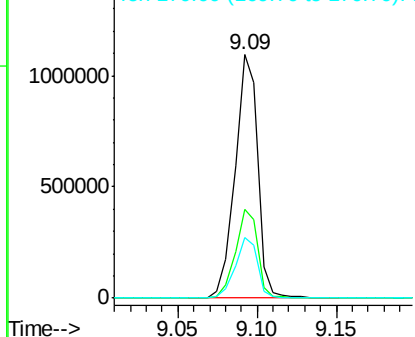


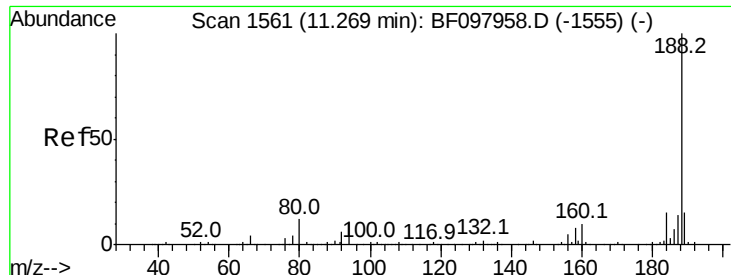
#44
 2-Fluorobiphenyl
 Concen: 85.880 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF098147.D
 Acq: 30 Aug 2017 9:25

Tgt Ion:172 Resp: 1086068
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.7 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

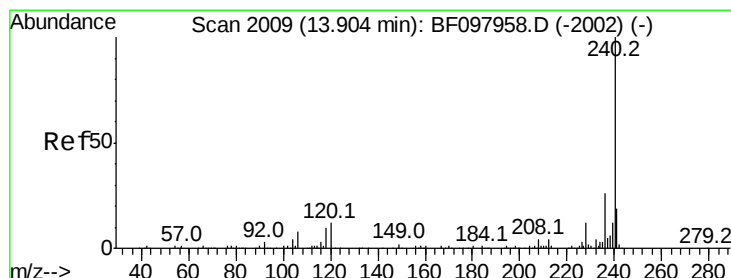
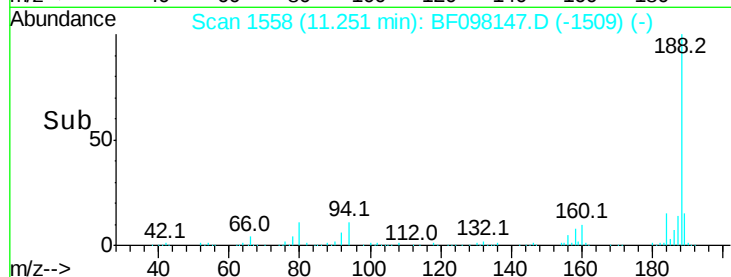
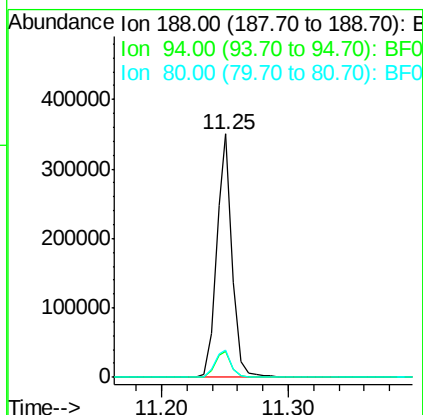
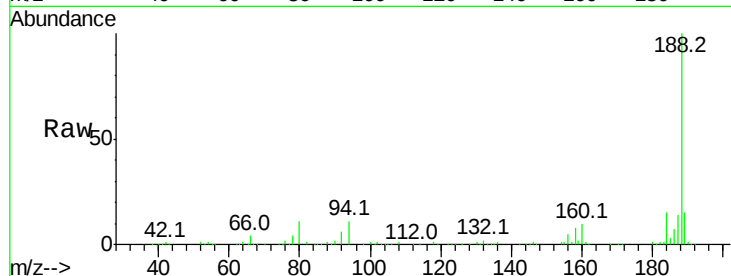




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF098147.D
Acq: 30 Aug 2017 9:25

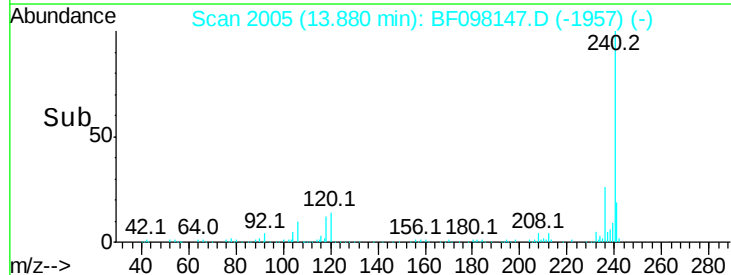
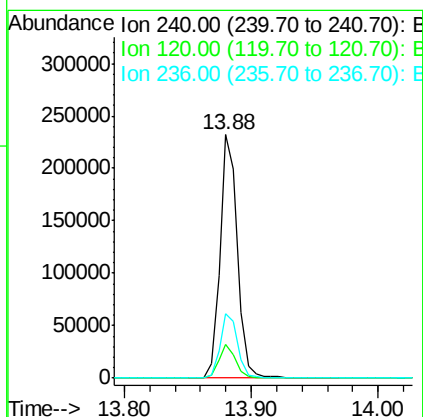
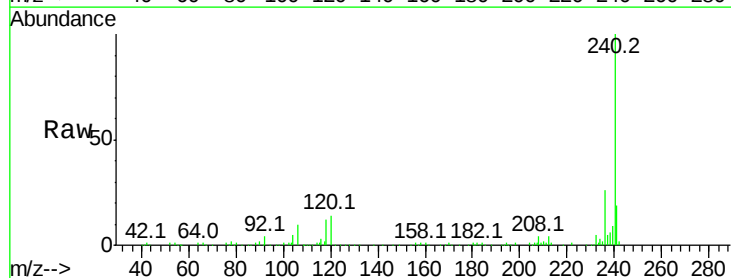
Instrument :
BNA_F
ClientSampleId :
BERGEN-GEN-S4-COMP

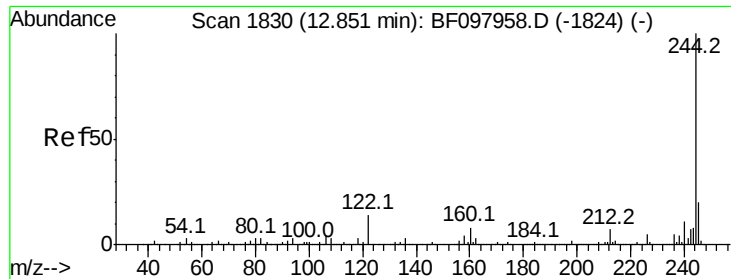
Tot Ion:188 Resp: 299600
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.5 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF098147.D
Acq: 30 Aug 2017 9:25

Tgt Ion:240 Resp: 222073
Ion Ratio Lower Upper
240 100
120 13.7 5.8 8.8#
236 26.3 20.5 30.7





#78

Terphenyl-d14

Concen: 67.276 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF098147.D

Acq: 30 Aug 2017 9:25

Instrument :

BNA_F

ClientSampleId :

BERGEN-GEN-S4-COMP

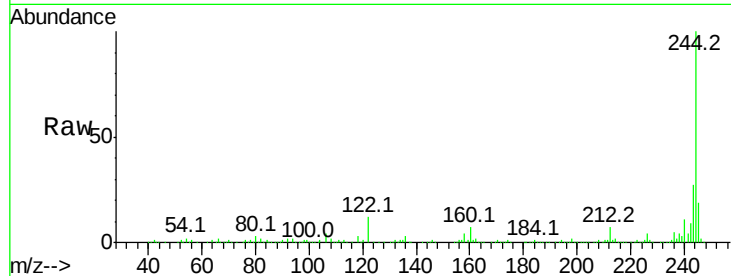
Tot Ion:244 Resp: 716445

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

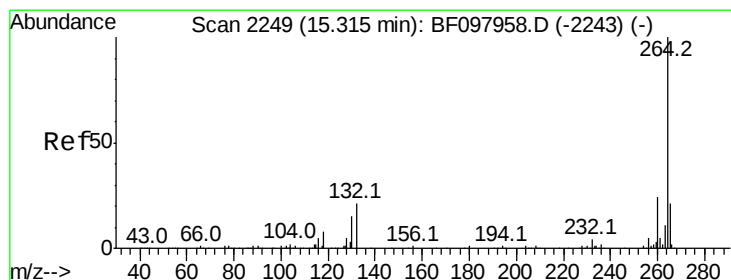
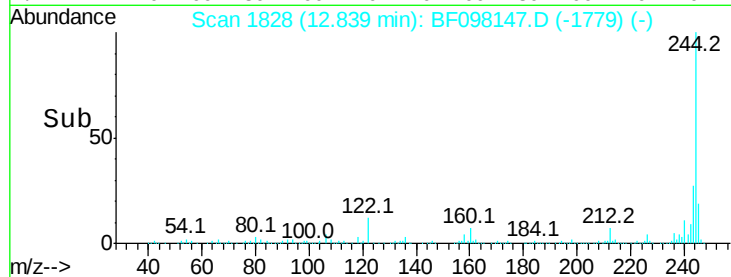
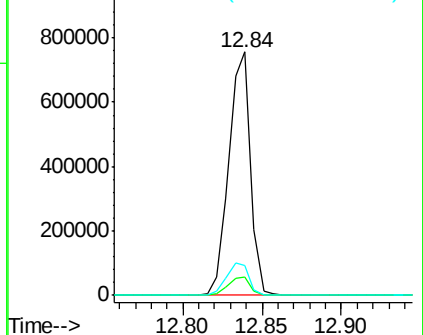
122 12.3 10.3 15.5



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: 15.30 min Scan# 2247

Delta R.T. -0.01 min

Lab File: BF098147.D

Acq: 30 Aug 2017 9:25

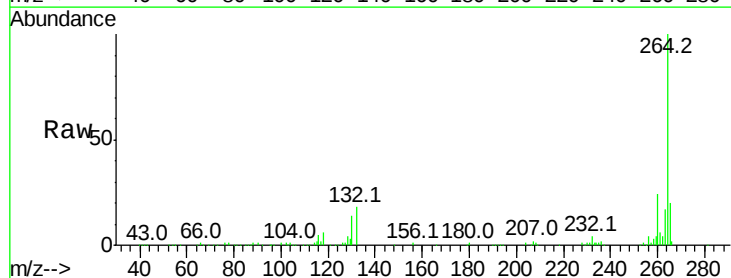
Tgt Ion:264 Resp: 183762

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 20.2 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

