

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098146.D
 Acq On : 30 Aug 2017 8:57
 Operator : SJ/JU
 Sample : I4989-09
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BERGEN-GEN-S3-COMP

Quant Time: Aug 30 12:20:23 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	109117	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	421851	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	175674	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	275362	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	213303	20.00	ng	-0.01
86) Perylene-d12	15.30	264	184651	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	602814	84.03	ng	-0.01
7) Phenol-d6	6.37	99	724093	74.29	ng	-0.02
23) Nitrobenzene-d5	7.30	82	585669	75.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	121629	79.80	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	902305	75.46	ng	-0.02
78) Terphenyl-d14	12.83	244	573278	56.05	ng	-0.02

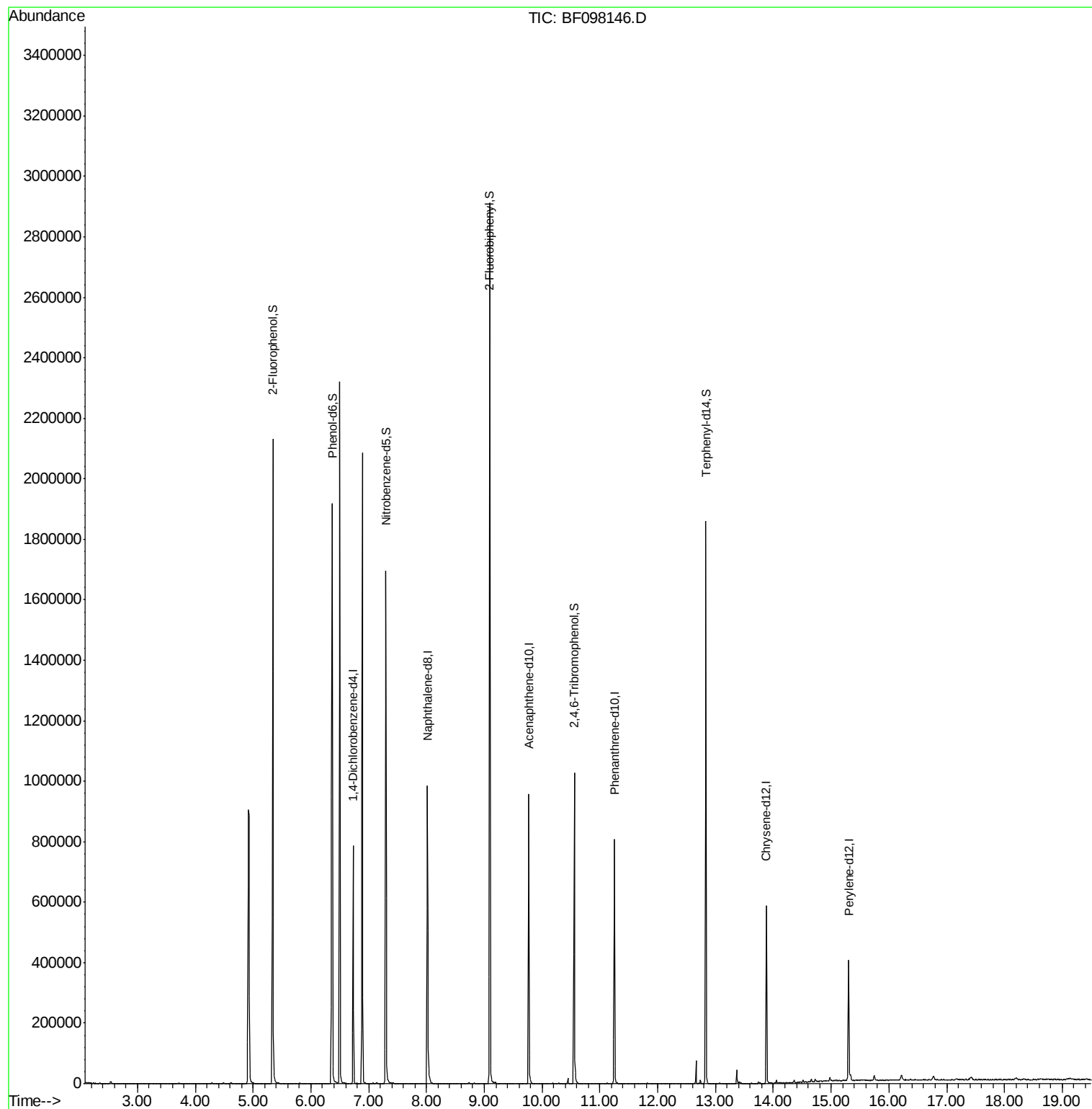
Target Compounds Qvalue

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

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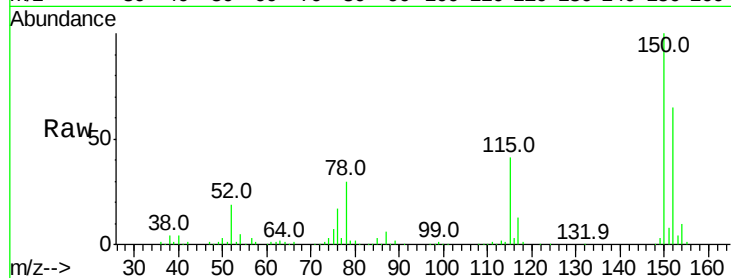


#1

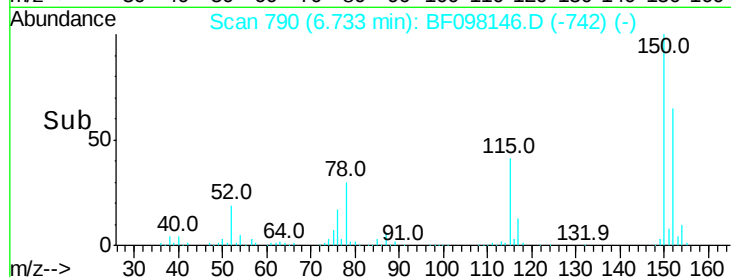
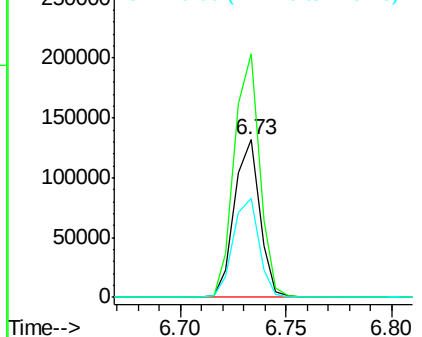
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF098146.D
 Acq: 30 Aug 2017 8:57

Instrument :
 BNA_F
 ClientSampleId :
 BERGEN-GEN-S3-COMP

Tot Ion:152 Resp: 109117
 Ion Ratio Lower Upper
 152 100
 150 154.5 126.2 189.2
 115 62.7 52.2 78.2



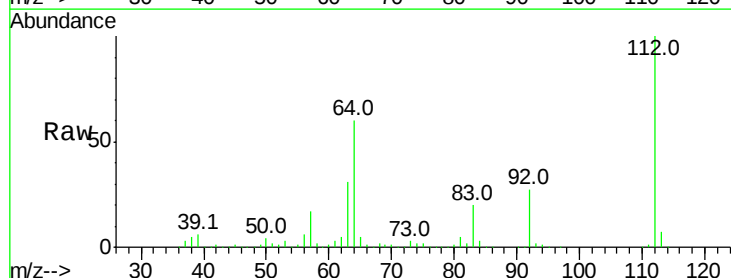
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



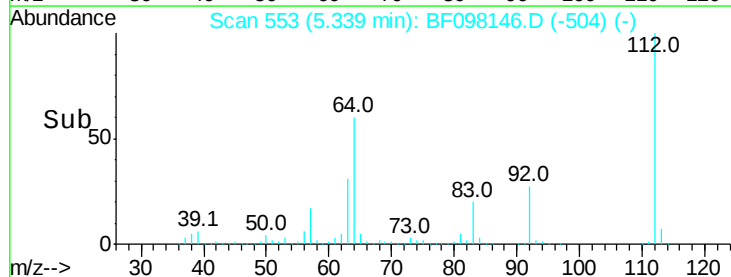
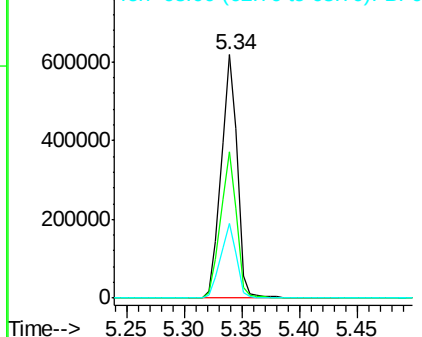
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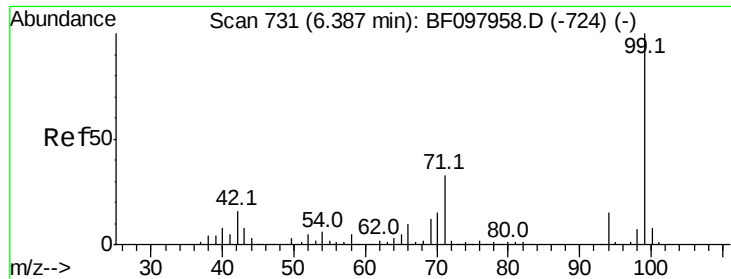
2-Fluorophenol
 Concen: 84.031 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF098146.D
 Acq: 30 Aug 2017 8:57

Tgt Ion:112 Resp: 602814
 Ion Ratio Lower Upper
 112 100
 64 59.9 46.0 69.0
 63 30.8 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: 74.289 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF098146.D

Acq: 30 Aug 2017 8:57

Instrument :

BNA_F

ClientSampleId :

BERGEN-GEN-S3-COMP

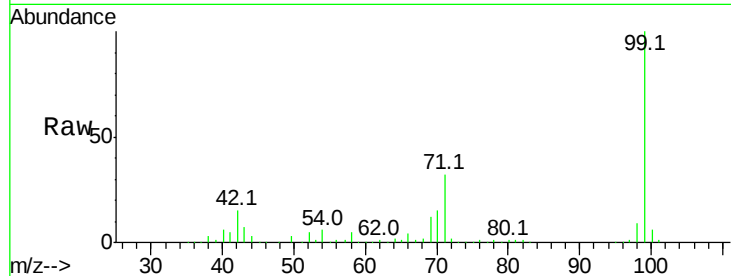
Tot Ion: 99 Resp: 724093

Ion Ratio Lower Upper

99 100

42 14.8 13.5 20.3

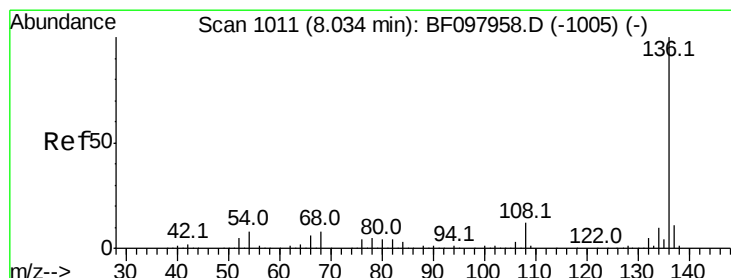
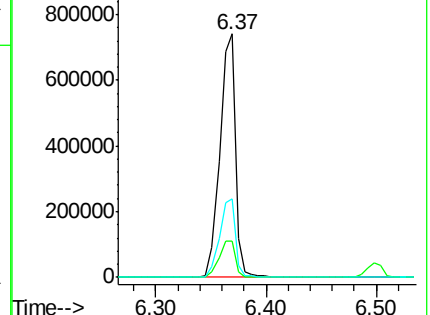
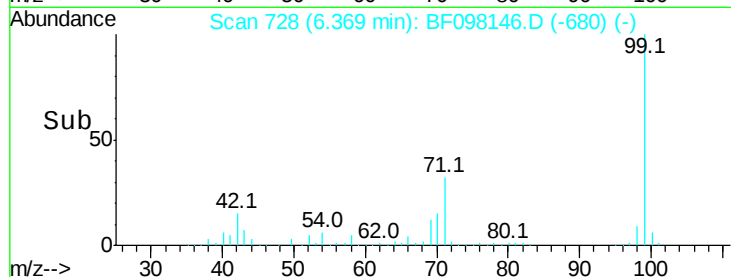
71 32.0 24.5 36.7



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: BF098146.D

Acq: 30 Aug 2017 8:57

Tgt Ion: 136 Resp: 421851

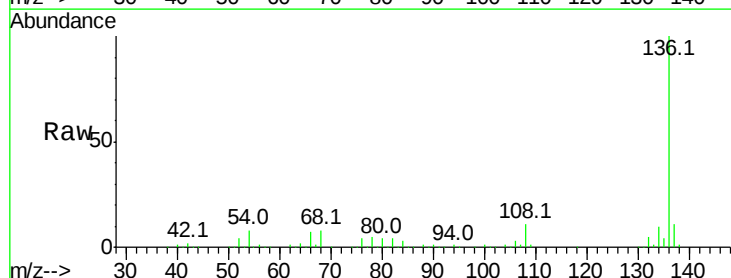
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.6 4.9 7.3#

68 7.5 4.1 6.1#

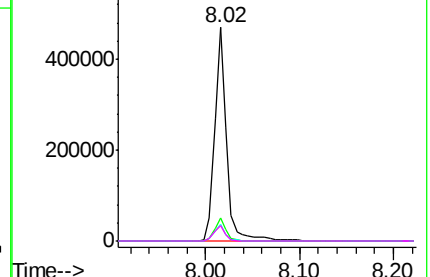
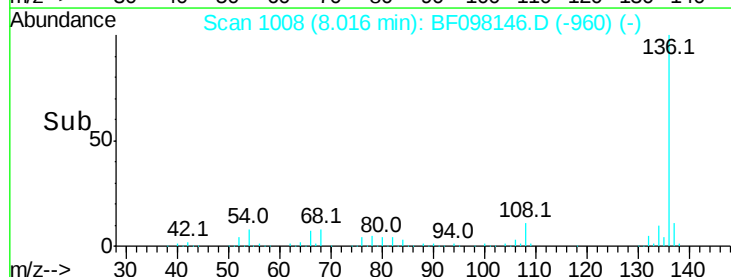


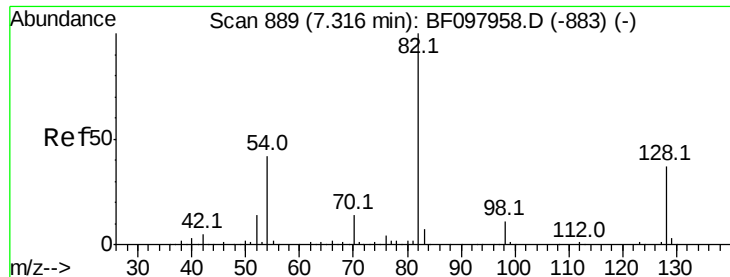
Abundance Ion 136.00 (135.70 to 136.70): E

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

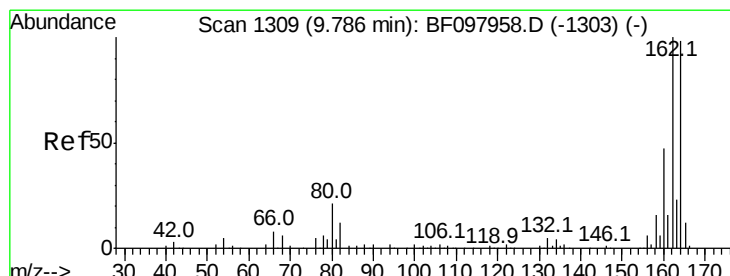
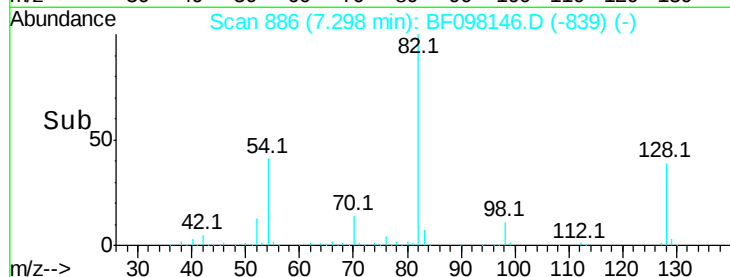
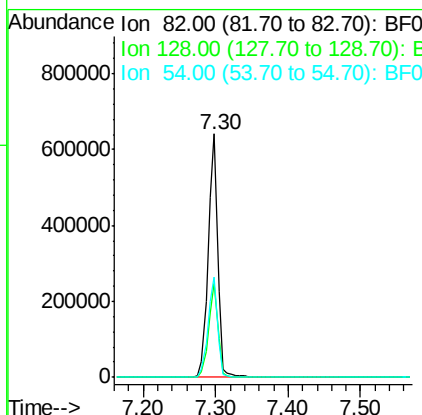
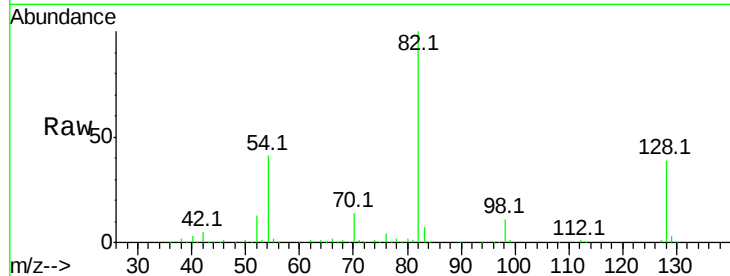




#23
 Nitrobenzene-d5
 Concen: 75.421 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF098146.D
 Acq: 30 Aug 2017 8:57

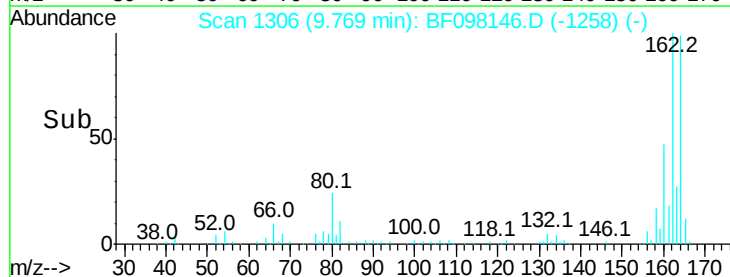
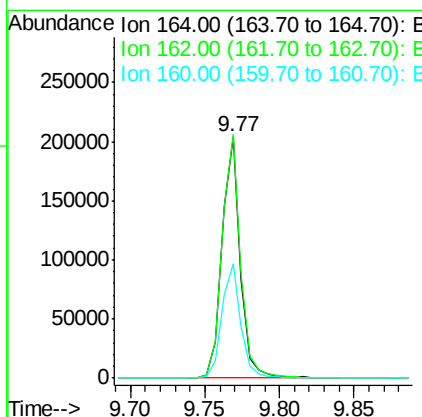
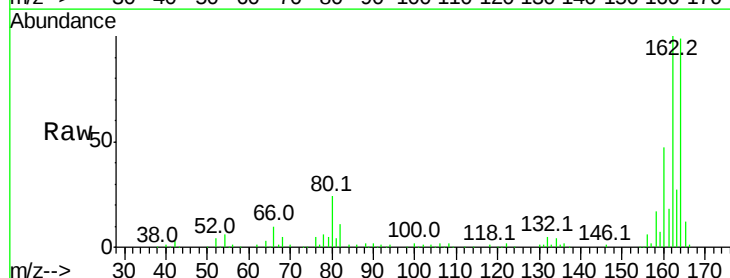
Instrument :
 BNA_F
 ClientSampleId :
 BERGEN-GEN-S3-COMP

Tot Ion: 82 Resp: 585669
 Ion Ratio Lower Upper
 82 100
 128 38.7 34.0 51.0
 54 41.2 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: BF098146.D
 Acq: 30 Aug 2017 8:57

Tgt Ion:164 Resp: 175674
 Ion Ratio Lower Upper
 164 100
 162 100.8 82.6 123.8
 160 47.1 36.2 54.2

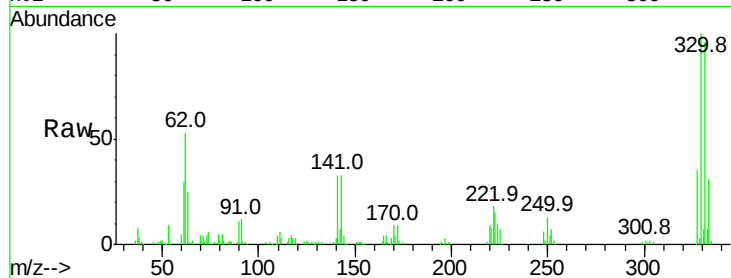




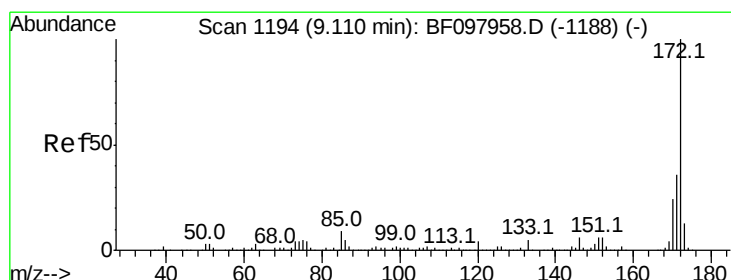
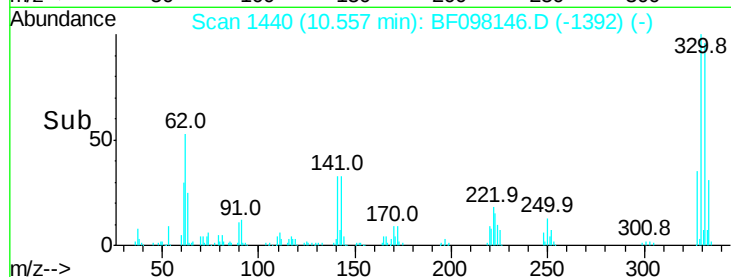
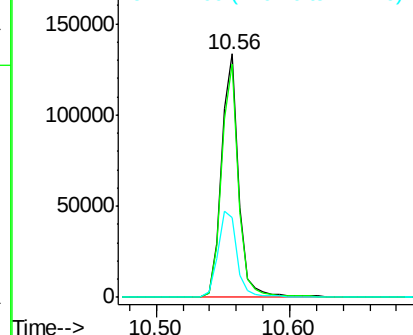
#41
 2,4,6-Tribromophenol
 Concen: 79.796 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF098146.D
 Acq: 30 Aug 2017 8:57

Instrument :
 BNA_F
 ClientSampleId :
 BERGEN-GEN-S3-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	39.9	31.4	47.2

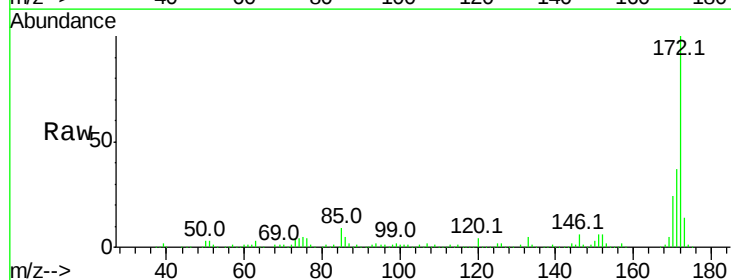


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

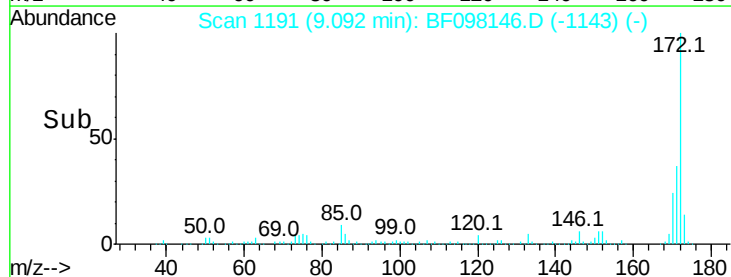
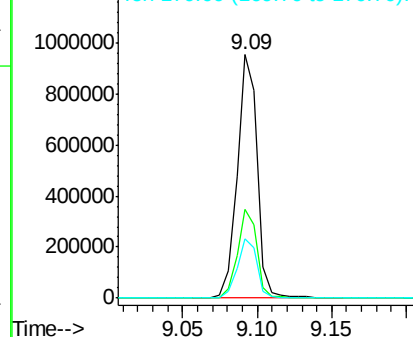


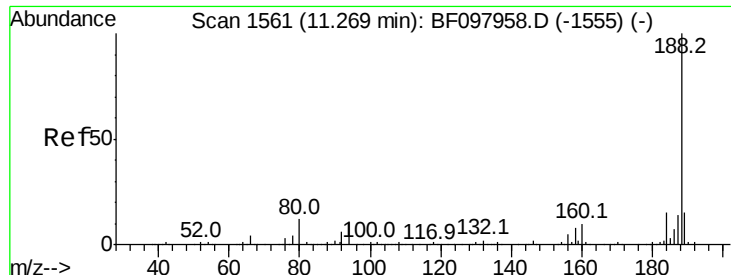
#44
 2-Fluorobiphenyl
 Concen: 75.462 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF098146.D
 Acq: 30 Aug 2017 8:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.3	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

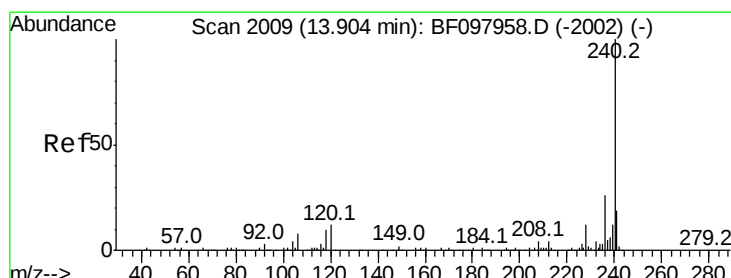
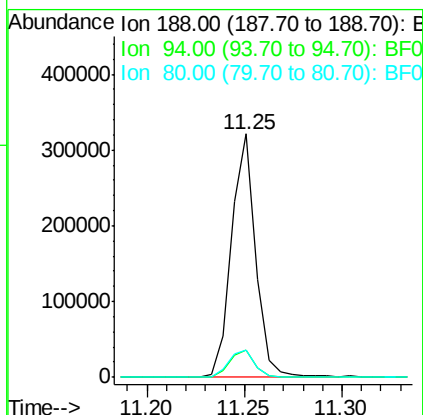
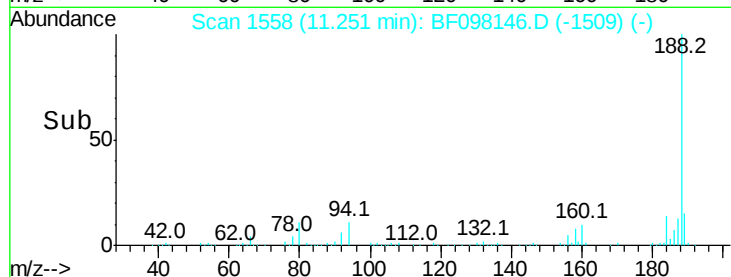
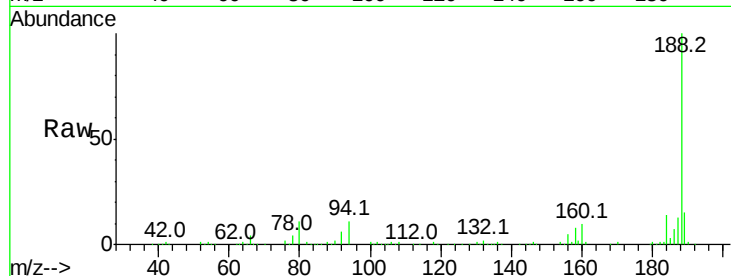




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF098146.D
Acq: 30 Aug 2017 8:57

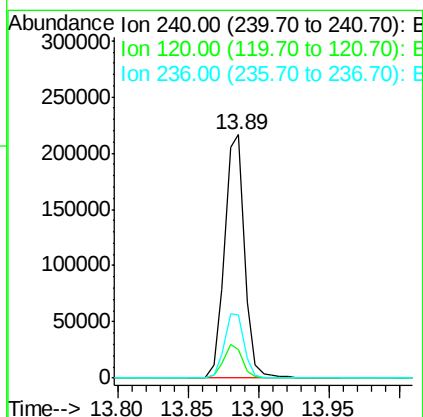
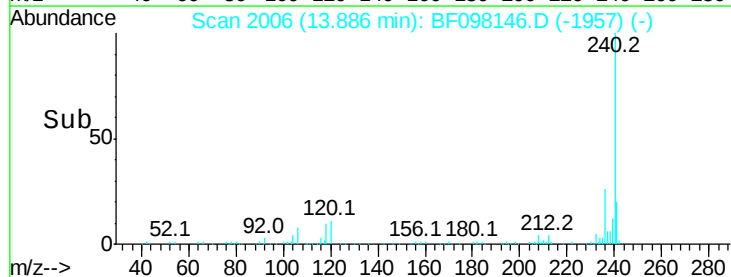
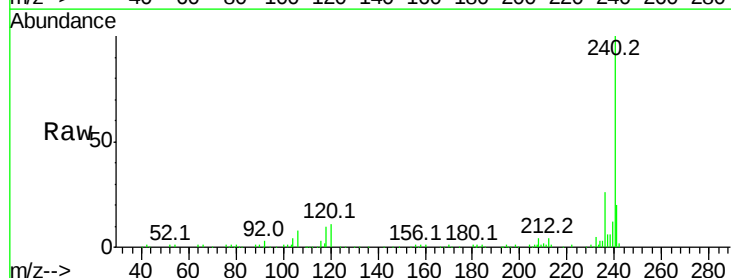
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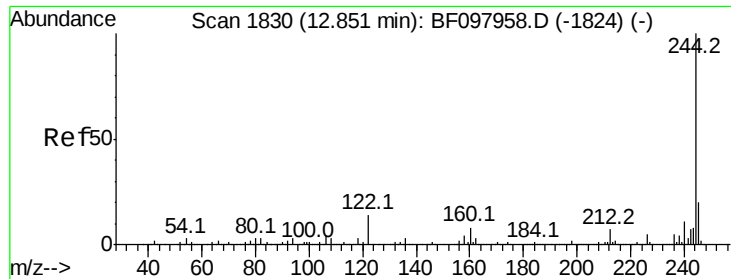
Tot Ion:188 Resp: 275362
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 11.2 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF098146.D
Acq: 30 Aug 2017 8:57

Tgt Ion:240 Resp: 213303
Ion Ratio Lower Upper
240 100
120 11.5 5.8 8.8#
236 26.0 20.5 30.7





#78

Terphenyl-d14

Concen: 56.046 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF098146.D

Acq: 30 Aug 2017 8:57

Instrument :

BNA_F

ClientSampleId :

BERGEN-GEN-S3-COMP

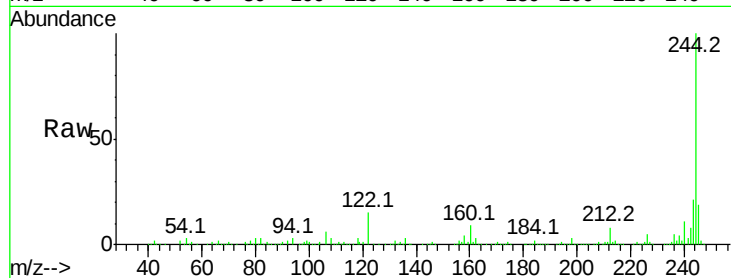
Tot Ion:244 Resp: 573278

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

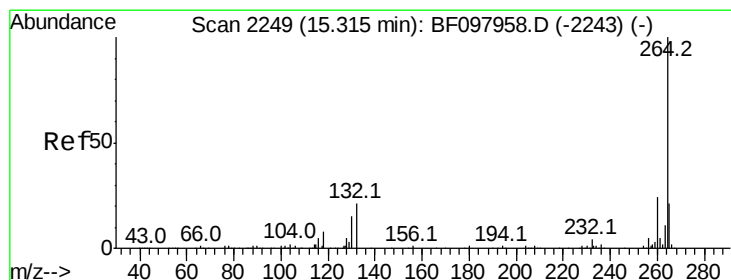
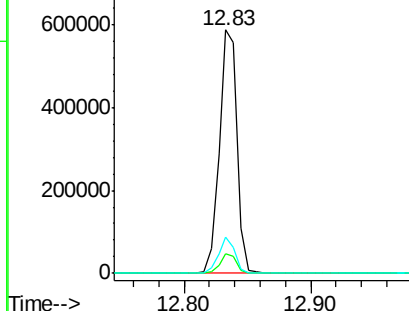
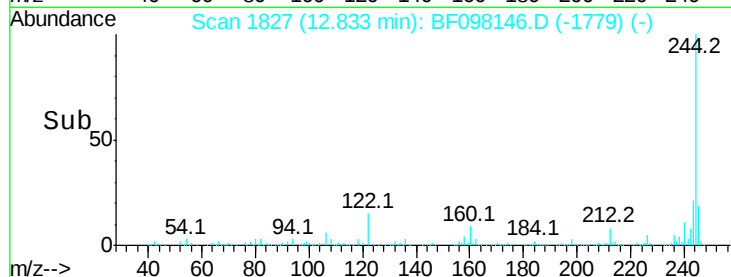
122 14.7 10.3 15.5



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: BF098146.D

Acq: 30 Aug 2017 8:57

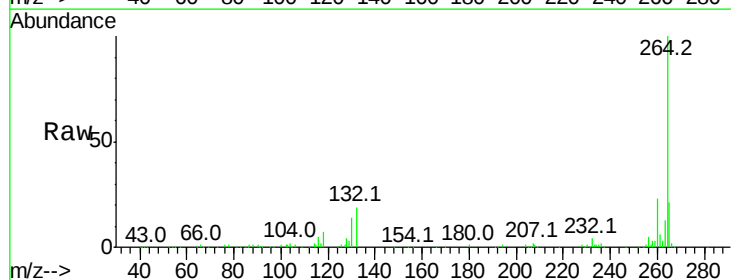
Tgt Ion:264 Resp: 184651

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.1 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

