

Data Path : U:\HPCHEM1\BNA G\DATA\BG010518\
 Data File : BG031934.D
 Acq On : 5 Jan 2018 16:00
 Operator : SJ/JU
 Sample : J1011-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-A

Quant Time: Jan 05 16:36:15 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 15:31:34 2018
 Response via : Initial Calibration

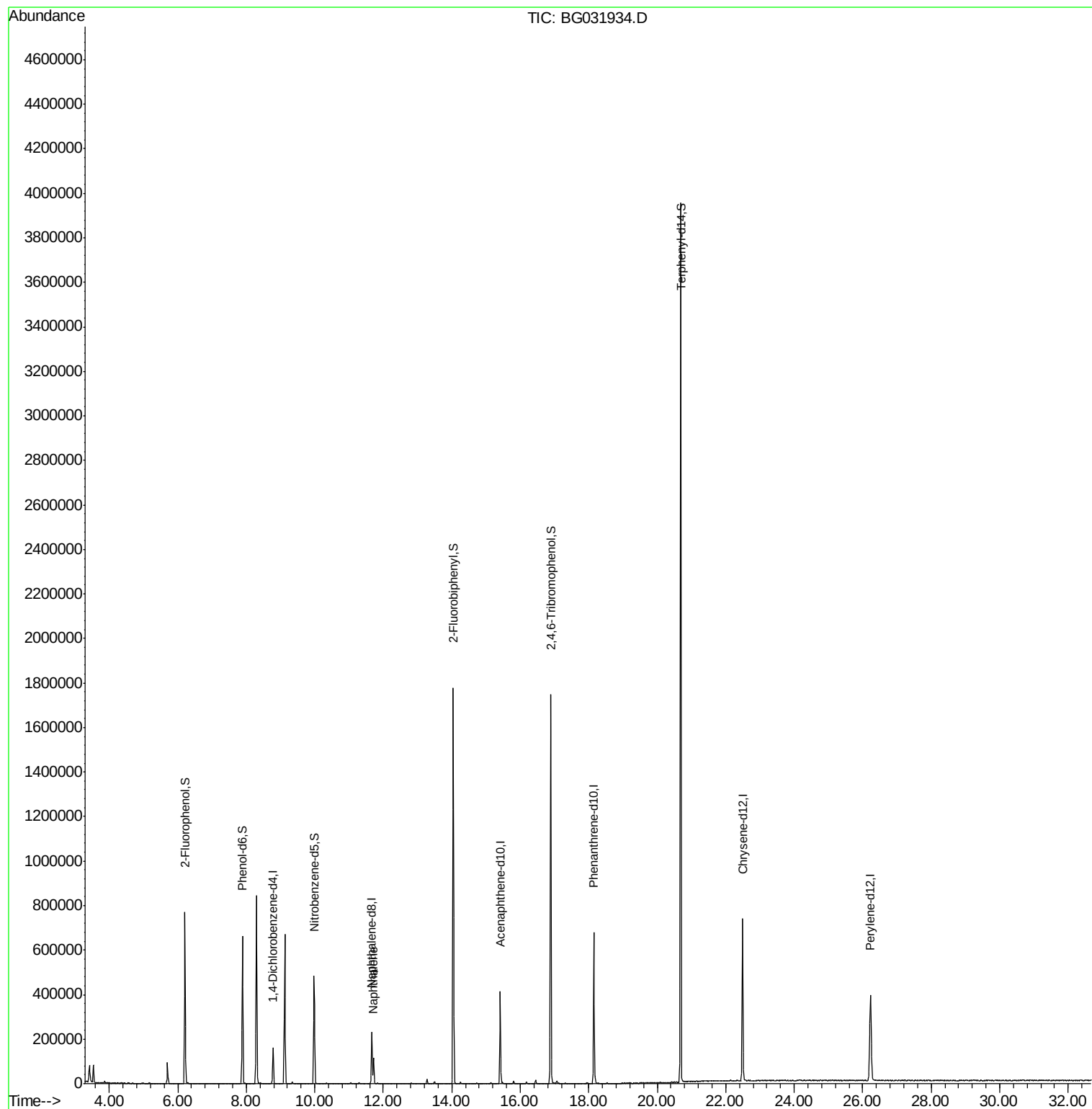
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	54993	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	230047	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	159550	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	454083	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	541262	20.00	ng	-0.03
86) Perylene-d12	26.23	264	533538	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	408503	135.30	ng	0.00
7) Phenol-d6	7.89	99	467301	119.21	ng	0.00
23) Nitrobenzene-d5	9.98	82	322099	105.73	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	414923	170.43	ng	-0.01
44) 2-Fluorobiphenyl	14.05	172	1092450	85.94	ng	0.00
78) Terphenyl-d14	20.69	244	2201412	92.92	ng	-0.01
Target Compounds						
31) Naphthalene	11.72	128	108313	9.329	ng	Qvalue 98

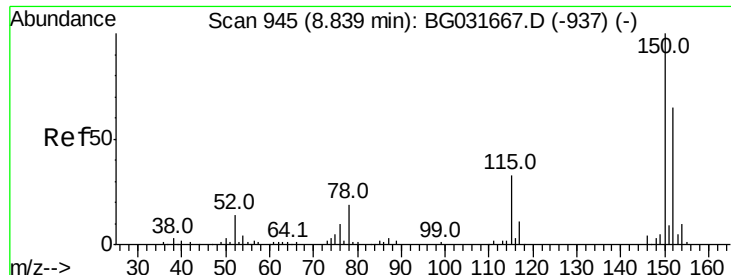
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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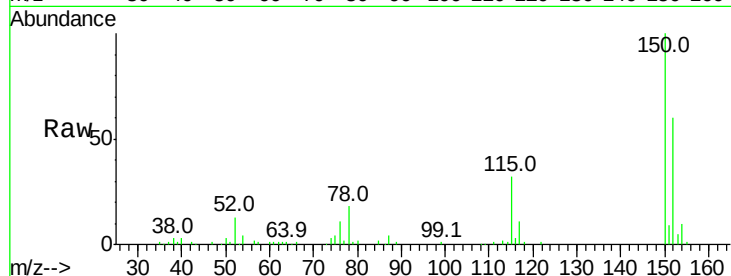


#1

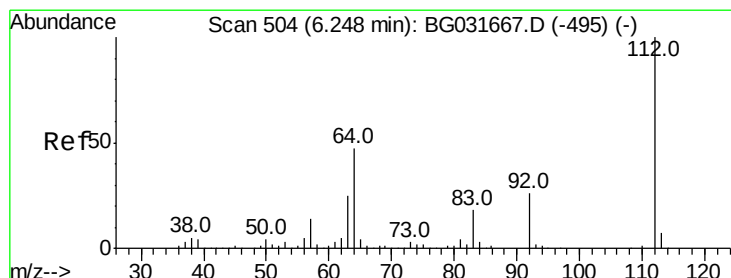
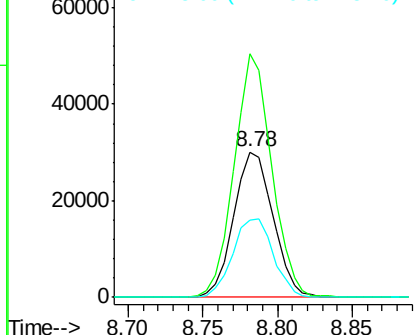
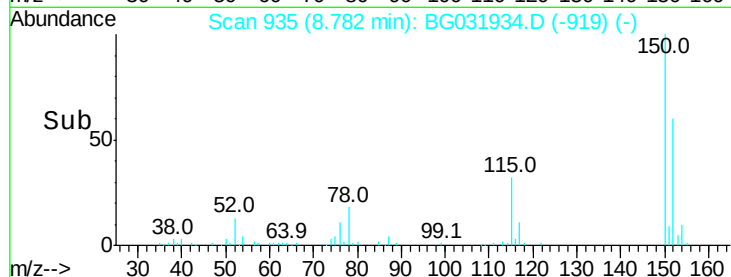
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.78 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BG031934.D
 Acq: 5 Jan 2018 16:00

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-A

Tot Ion:152 Resp: 54993
 Ion Ratio Lower Upper
 152 100
 150 167.6 126.6 189.8
 115 53.6 53.0 79.4



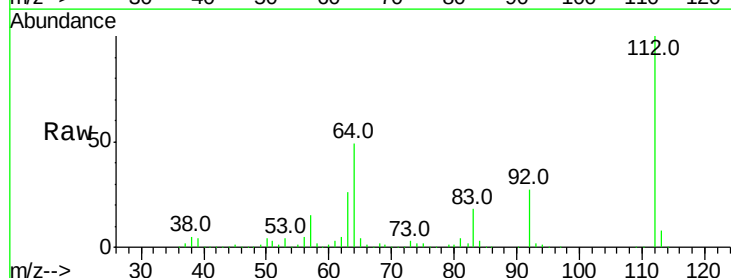
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



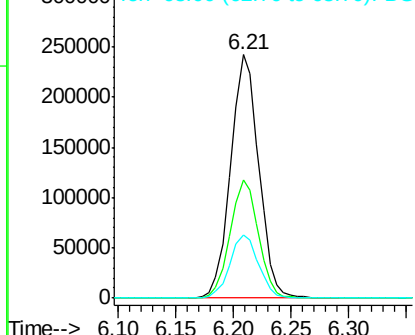
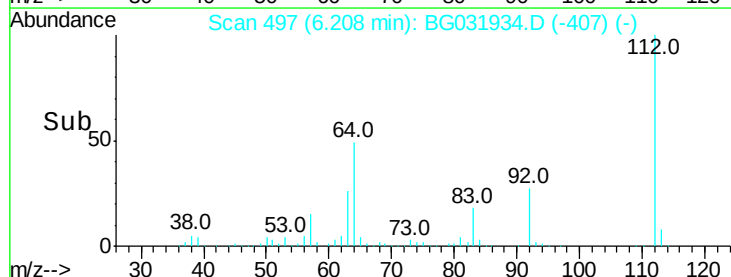
#5

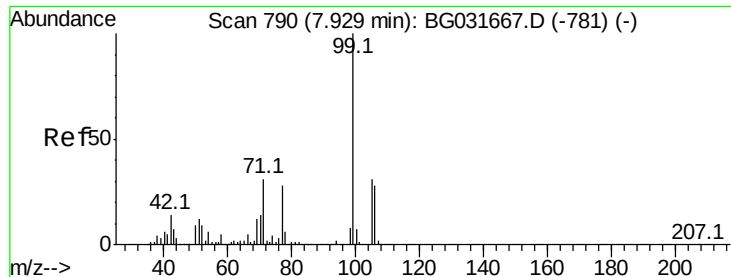
2-Fluorophenol
 Concen: 135.297 ng
 RT: 6.21 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BG031934.D
 Acq: 5 Jan 2018 16:00

Tgt Ion:112 Resp: 408503
 Ion Ratio Lower Upper
 112 100
 64 48.6 56.3 84.5#
 63 26.1 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 119.208 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031934.D

Acq: 5 Jan 2018 16:00

Instrument :

BNA_G

ClientSampleId :

HR-06-010318-A

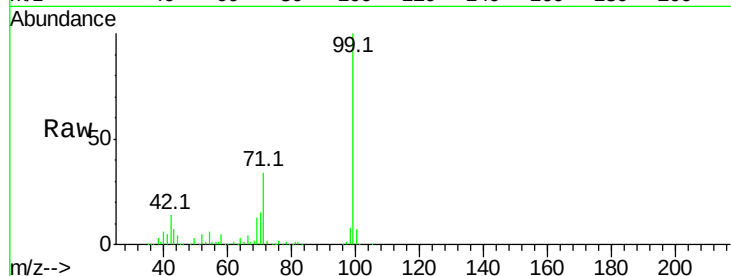
Tot Ion: 99 Resp: 467301

Ion Ratio Lower Upper

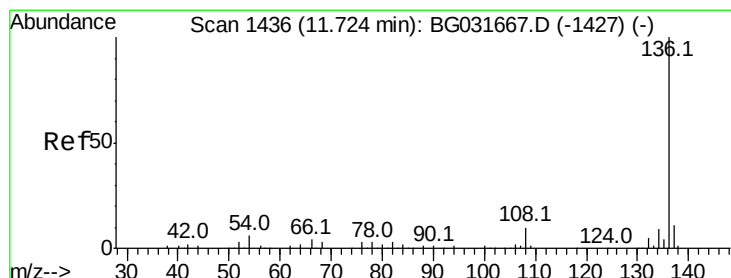
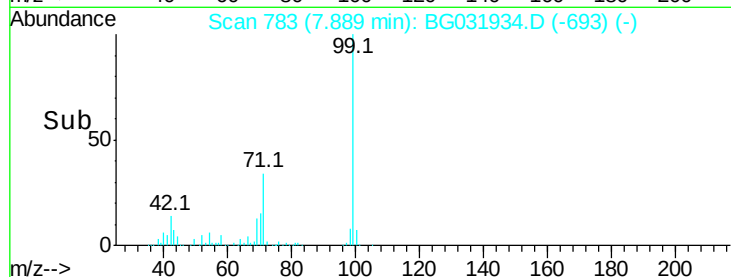
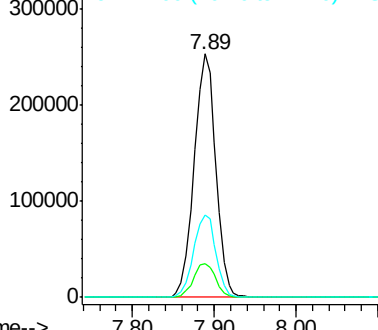
99 100

42 13.9 14.1 21.1#

71 33.9 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.67 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BG031934.D

Acq: 5 Jan 2018 16:00

Tgt Ion: 136 Resp: 230047

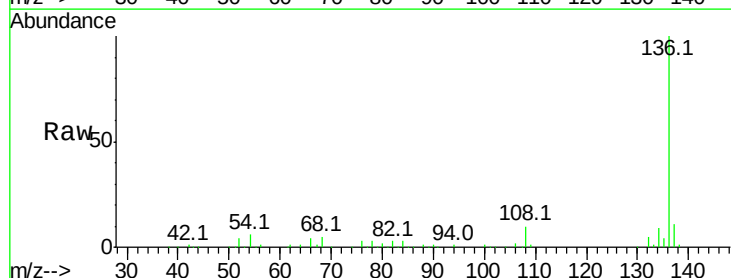
Ion Ratio Lower Upper

136 100

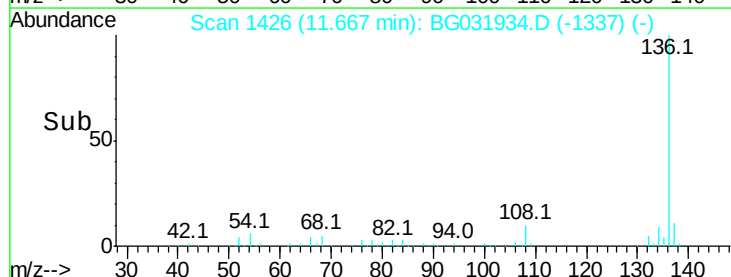
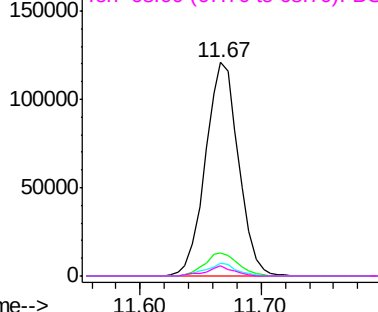
137 10.7 9.2 13.8

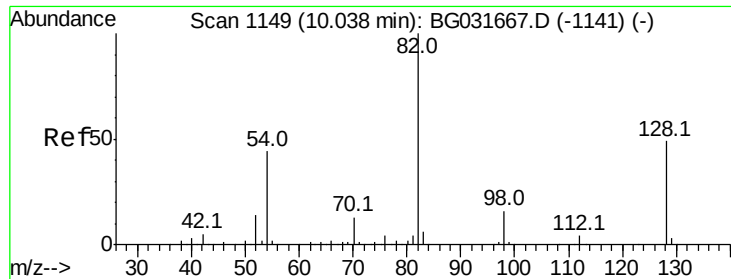
54 5.9 10.3 15.5#

68 4.5 4.5 6.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

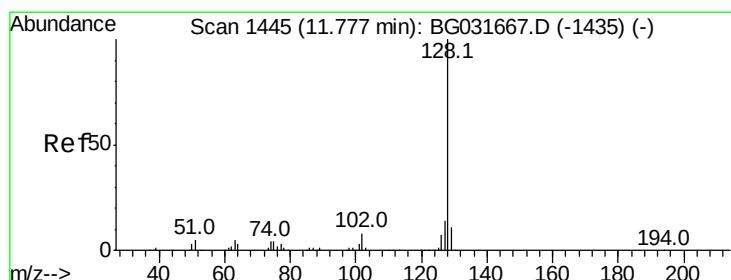
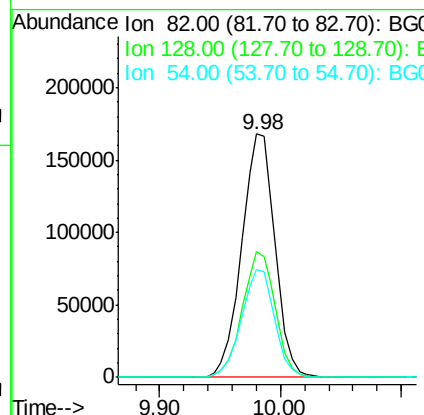
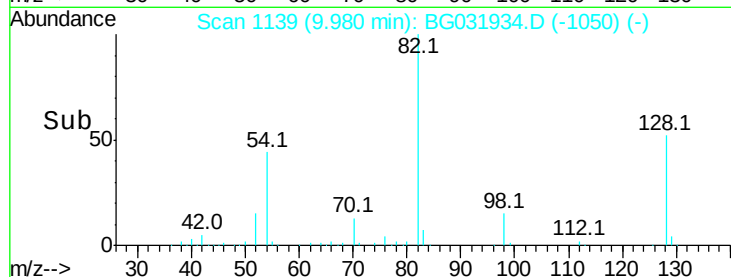
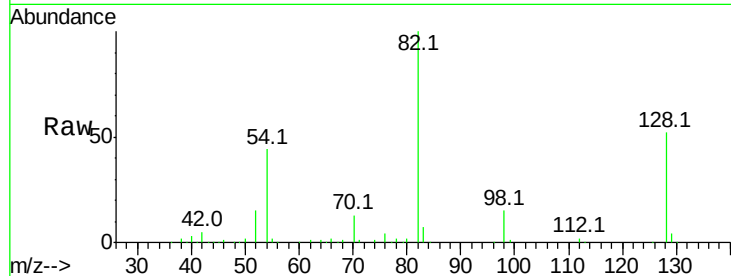




#23
 Nitrobenzene-d5
 Concen: 105.728 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BG031934.D
 Acq: 5 Jan 2018 16:00

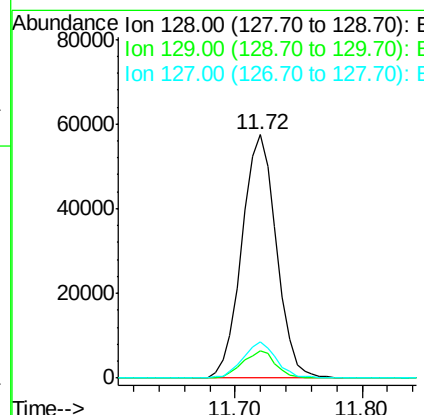
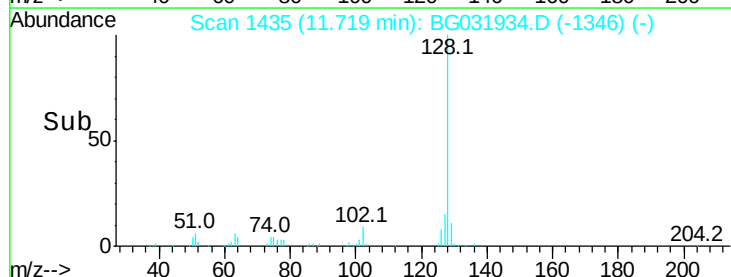
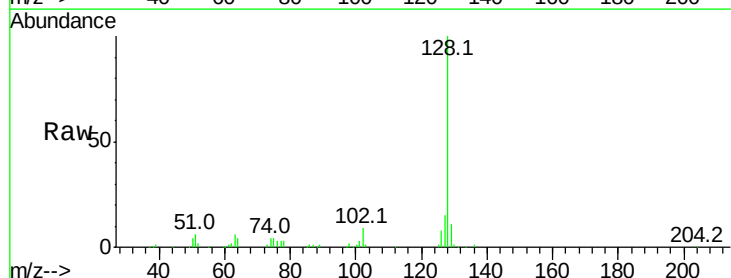
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-A

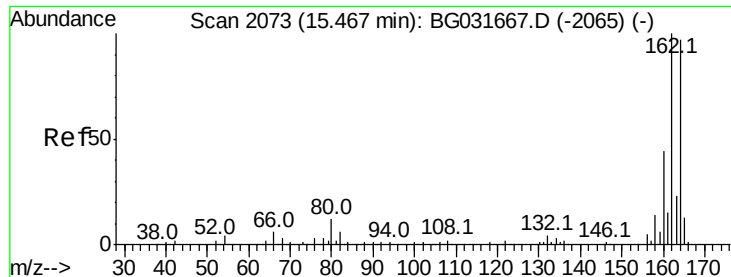
Tot Ion: 82 Resp: 322099
 Ion Ratio Lower Upper
 82 100
 128 51.8 29.7 44.5#
 54 44.5 43.1 64.7



#31
 Naphthalene
 Concen: 9.329 ng
 RT: 11.72 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BG031934.D
 Acq: 5 Jan 2018 16:00

Tgt Ion: 128 Resp: 108313
 Ion Ratio Lower Upper
 128 100
 129 11.4 8.6 12.8
 127 15.1 11.6 17.4

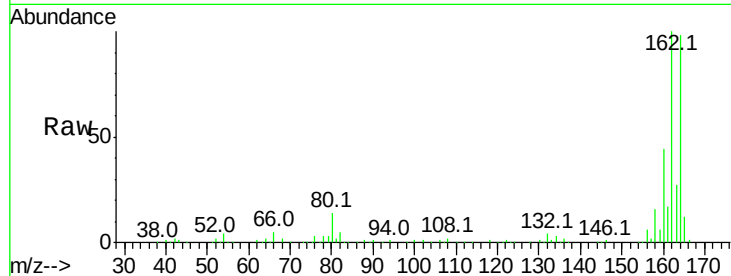




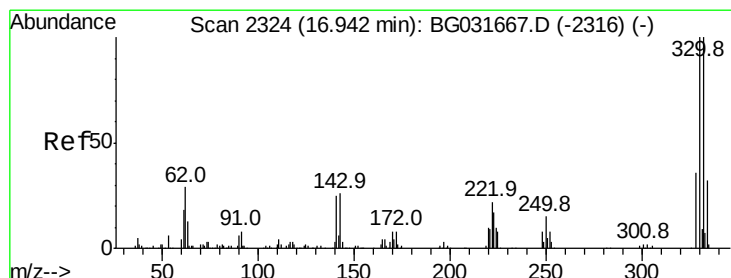
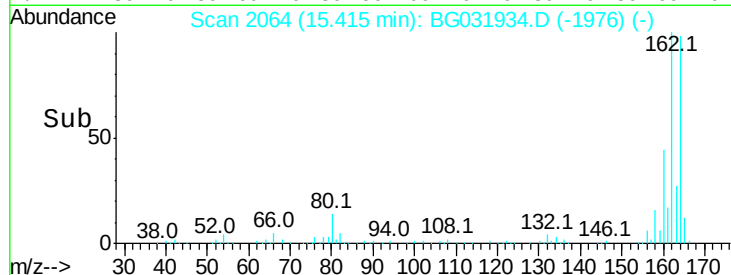
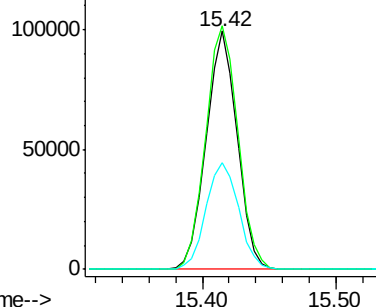
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.42 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG031934.D
Acq: 5 Jan 2018 16:00

Instrument :
BNA_G
ClientSampleId :
HR-06-010318-A

Tot Ion:164 Resp: 159550
Ion Ratio Lower Upper
164 100
162 102.1 78.8 118.2
160 44.5 35.4 53.0

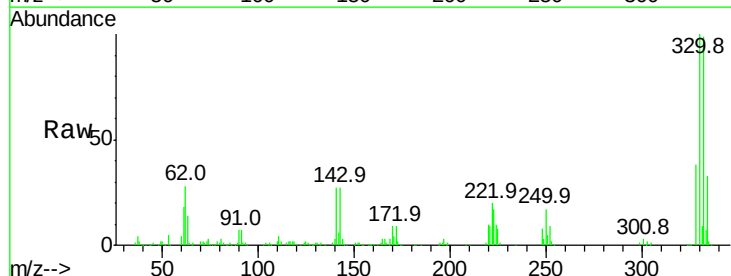


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

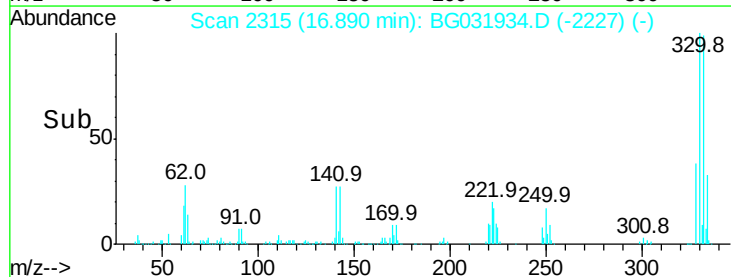
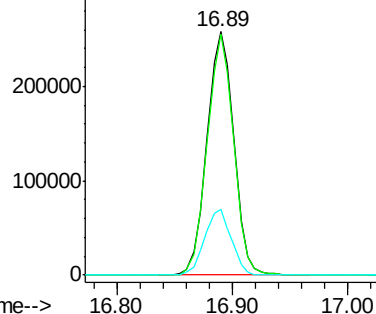


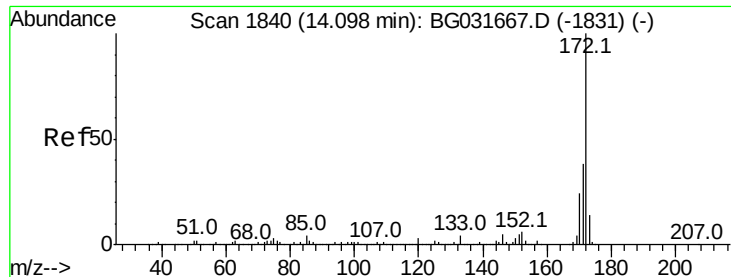
#41
2,4,6-Tribromophenol
Concen: 170.434 ng
RT: 16.89 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG031934.D
Acq: 5 Jan 2018 16:00

Tgt Ion:330 Resp: 414923
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 26.9 25.2 37.8



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

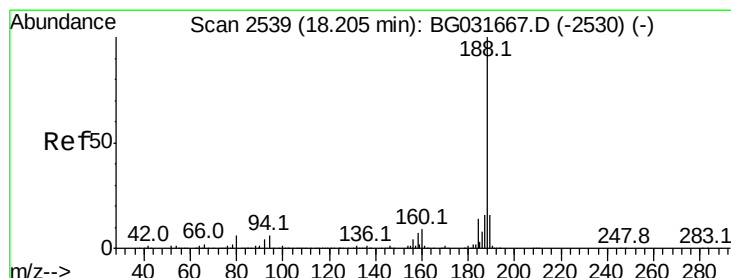
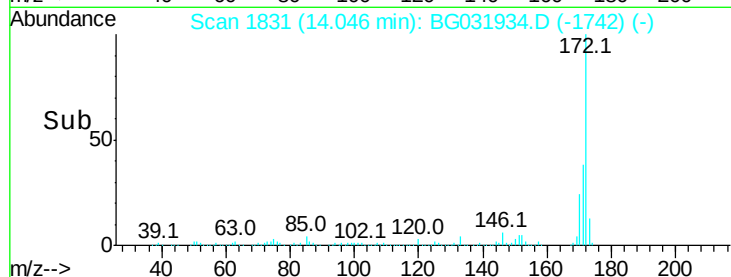
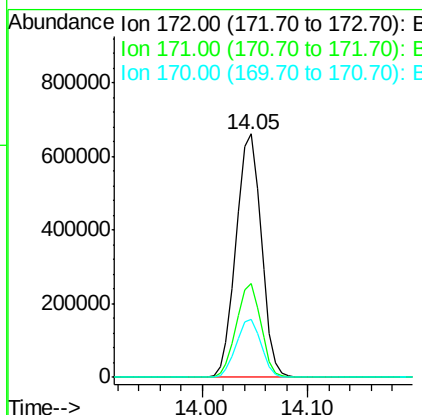
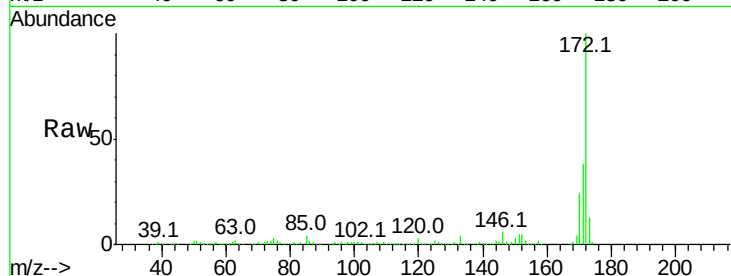




#44
2-Fluorobiphenyl
Concen: 85.940 ng
RT: 14.05 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BG031934.D
Acq: 5 Jan 2018 16:00

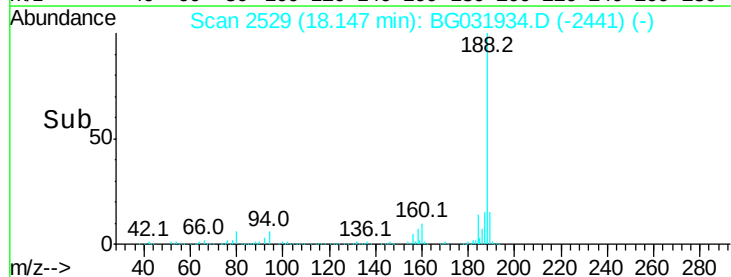
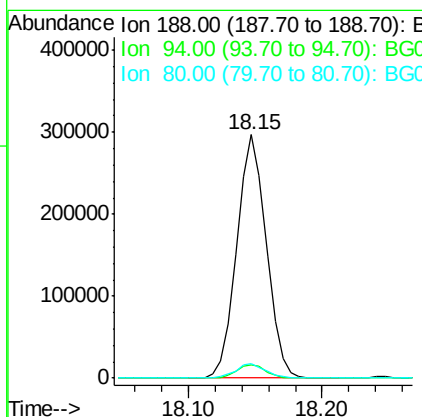
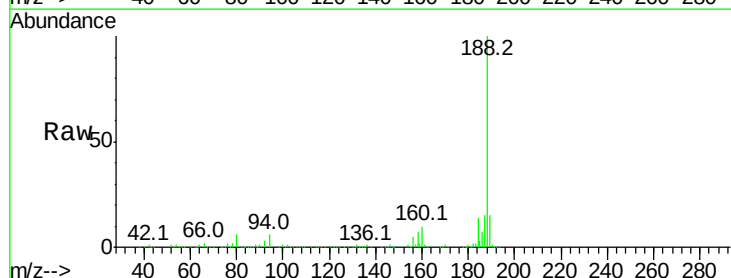
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BNA_G
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HR-06-010318-A

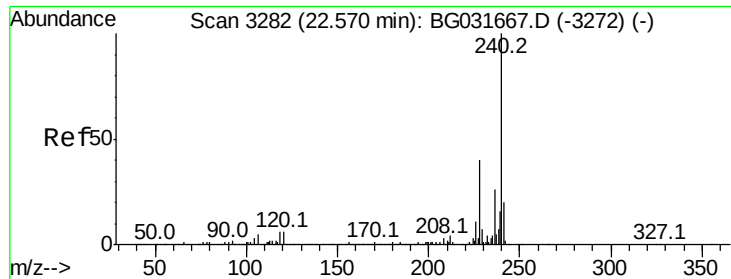
Tot Ion:172 Resp: 1092450
Ion Ratio Lower Upper
172 100
171 38.3 30.0 45.0
170 23.8 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031934.D
Acq: 5 Jan 2018 16:00

Tgt Ion:188 Resp: 454083
Ion Ratio Lower Upper
188 100
94 5.5 6.9 10.3#
80 6.1 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.49 min Scan# 3268

Delta R.T. -0.03 min

Lab File: BG031934.D

Acq: 5 Jan 2018 16:00

Instrument :

BNA_G

ClientSampleId :

HR-06-010318-A

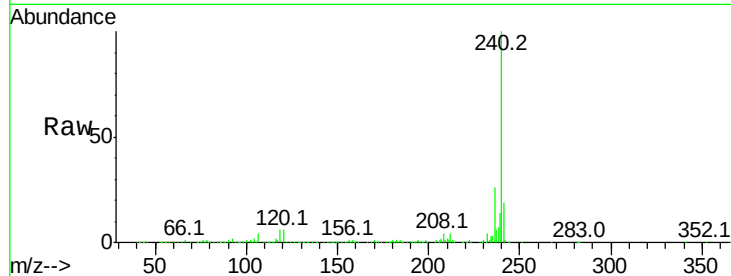
Tot Ion:240 Resp: 541262

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

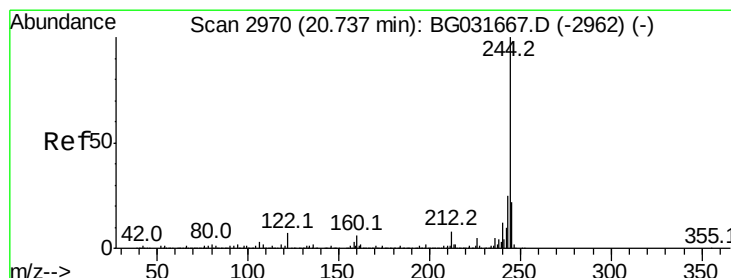
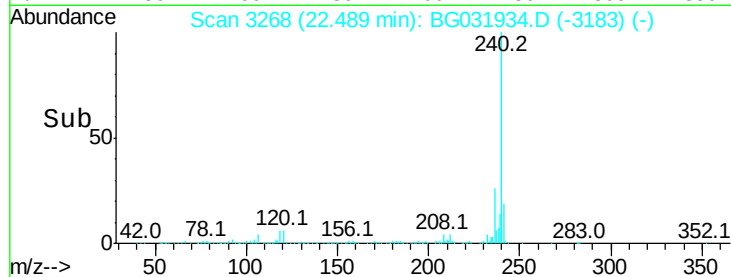
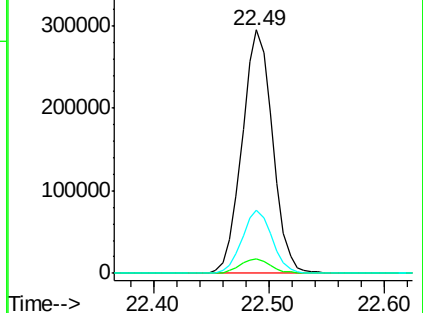
236 26.2 20.9 31.3



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: 92.921 ng

RT: 20.69 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BG031934.D

Acq: 5 Jan 2018 16:00

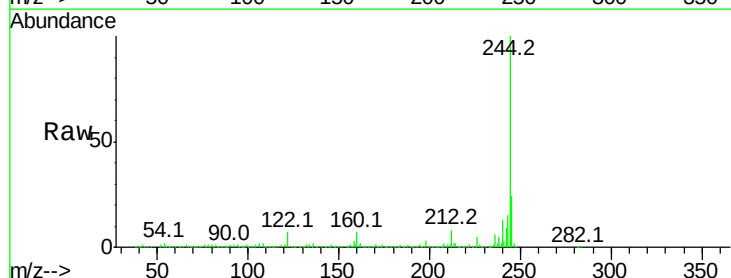
Tgt Ion:244 Resp: 2201412

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

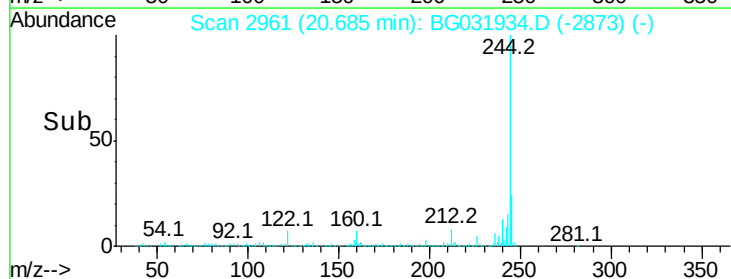
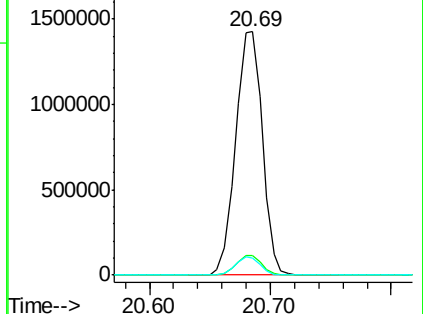
122 7.3 7.0 10.4

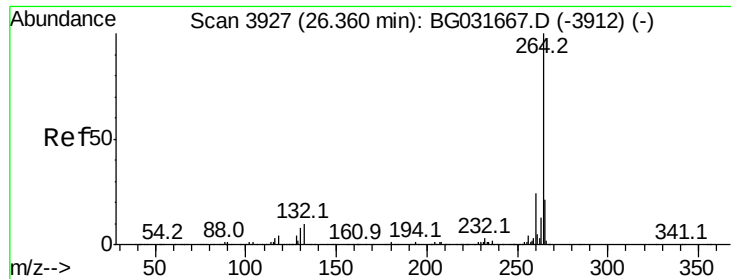


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.23 min Scan# 3904
 Delta R.T. -0.07 min
 Lab File: BG031934.D
 Acq: 5 Jan 2018 16:00

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010318-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	22.8	17.7	26.5

