

Data Path : U:\HPCHEM1\BNA G\DATA\BG010518\
 Data File : BG031939.D
 Acq On : 5 Jan 2018 19:07
 Operator : SJ/JU
 Sample : J1011-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-010318

Quant Time: Jan 05 23:59:56 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	51740	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	213359	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	150264	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	412836	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	488792	20.00	ng	-0.02
86) Perylene-d12	26.24	264	478552	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	367309	129.30	ng	0.00
7) Phenol-d6	7.89	99	418029	113.34	ng	0.00
23) Nitrobenzene-d5	9.98	82	288254	102.02	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	367423	160.25	ng	-0.01
44) 2-Fluorobiphenyl	14.05	172	1022220	85.38	ng	0.00
78) Terphenyl-d14	20.69	244	2036985	95.21	ng	-0.01

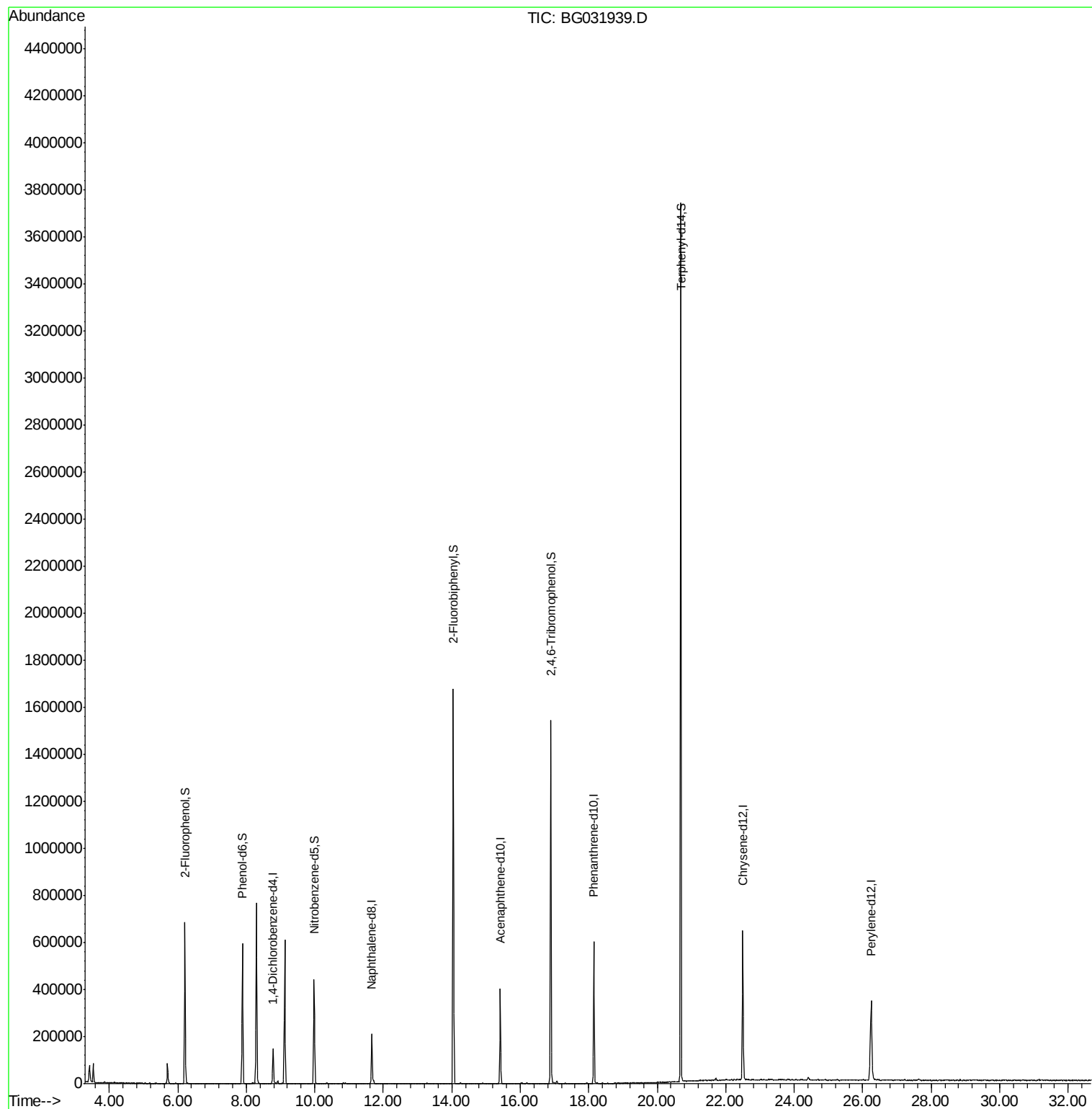
Target Compounds Qvalue

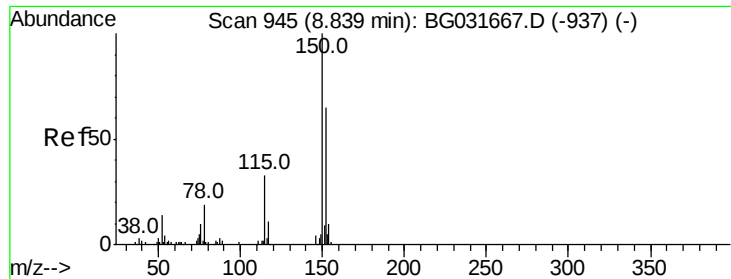
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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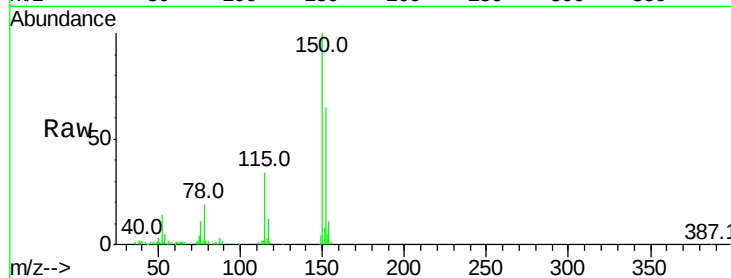


#1

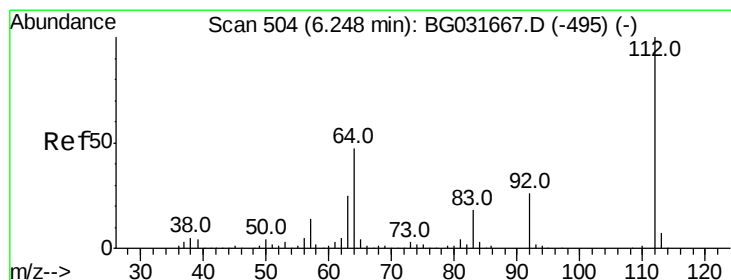
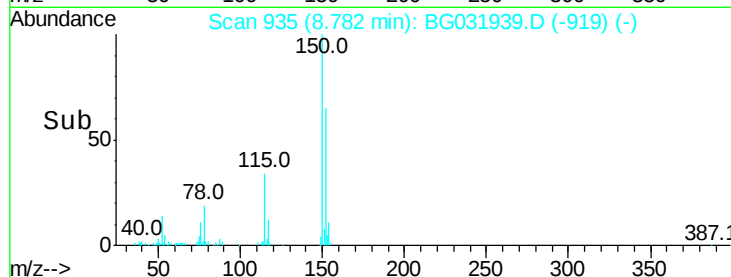
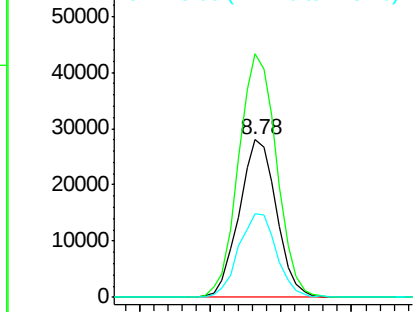
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG031939.D
Acq: 5 Jan 2018 19:07

Instrument :
BNA_G
ClientSampleId :
HR-05-010318

Tot Ion:152 Resp: 51740
Ion Ratio Lower Upper
152 100
150 154.5 126.6 189.8
115 53.1 53.0 79.4



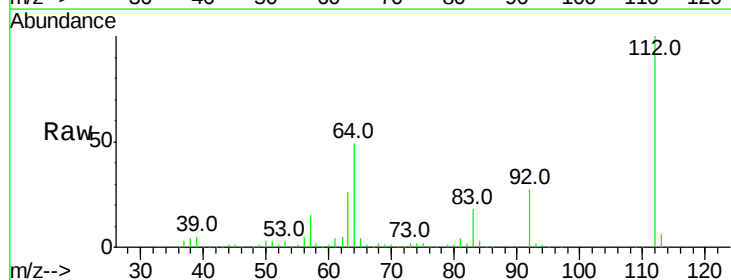
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



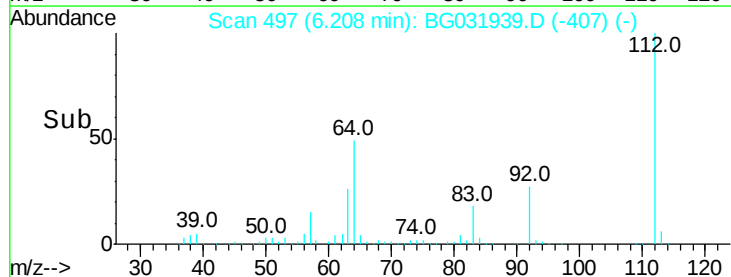
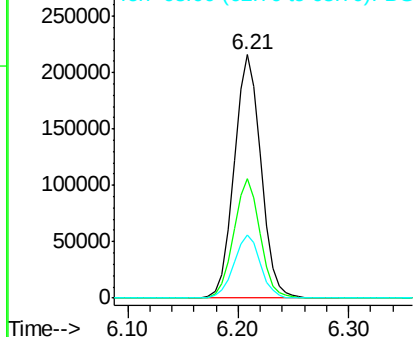
#5

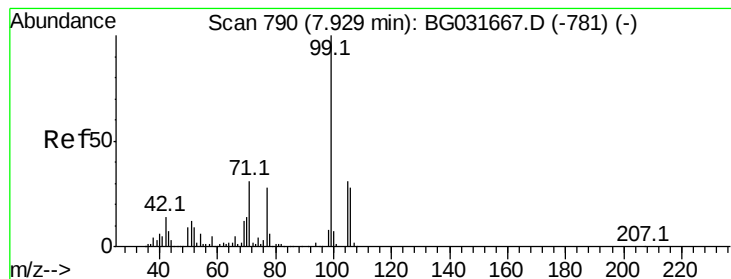
2-Fluorophenol
Concen: 129.302 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG031939.D
Acq: 5 Jan 2018 19:07

Tgt Ion:112 Resp: 367309
Ion Ratio Lower Upper
112 100
64 49.0 56.3 84.5#
63 26.0 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: 113.343 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031939.D

Acq: 5 Jan 2018 19:07

Instrument :

BNA_G

ClientSampleId :

HR-05-010318

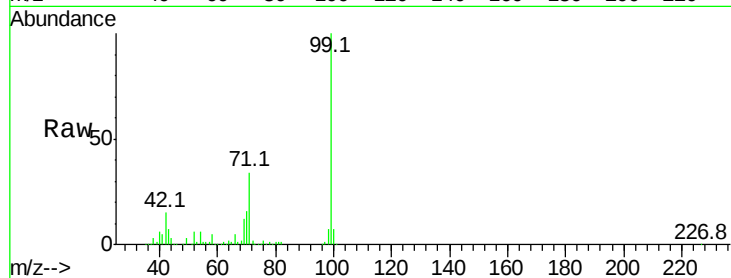
Tot Ion: 99 Resp: 418029

Ion Ratio Lower Upper

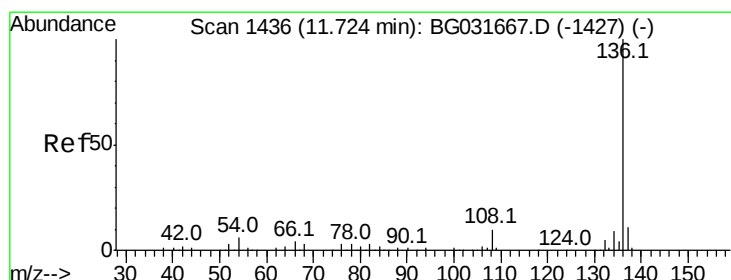
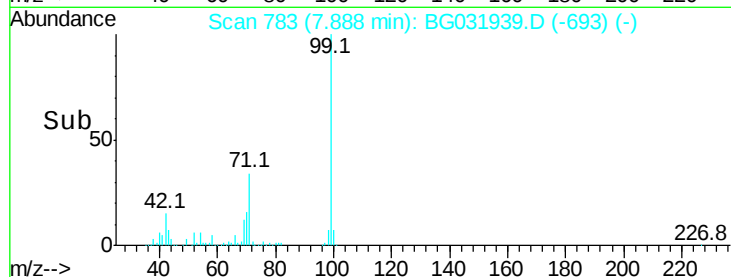
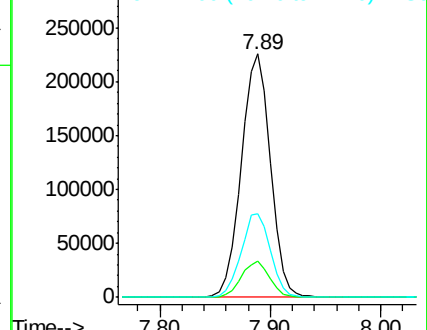
99 100

42 15.0 14.1 21.1

71 34.5 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: BG031939.D

Acq: 5 Jan 2018 19:07

Tgt Ion: 136 Resp: 213359

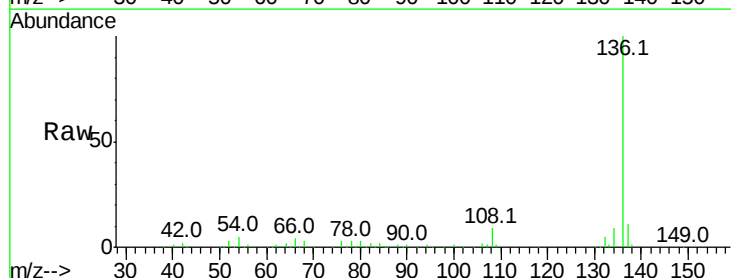
Ion Ratio Lower Upper

136 100

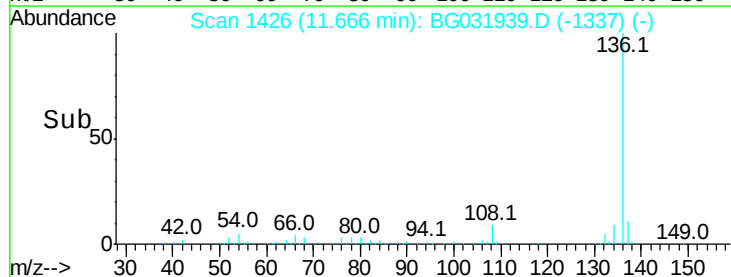
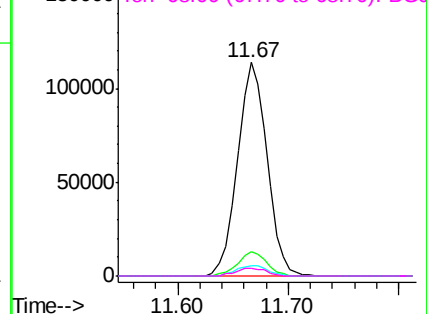
137 11.1 9.2 13.8

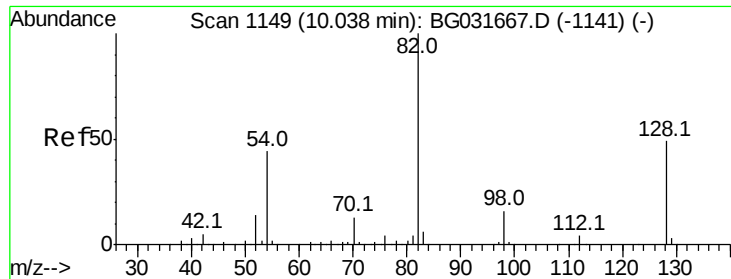
54 4.9 10.3 15.5#

68 3.4 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

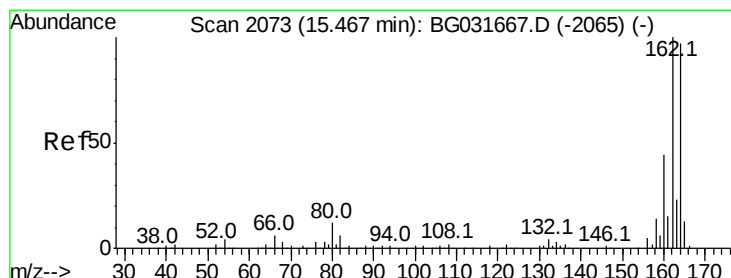
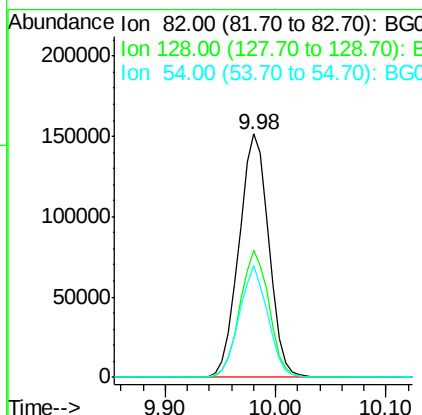
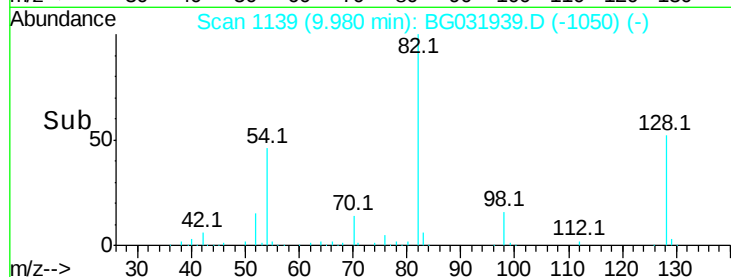
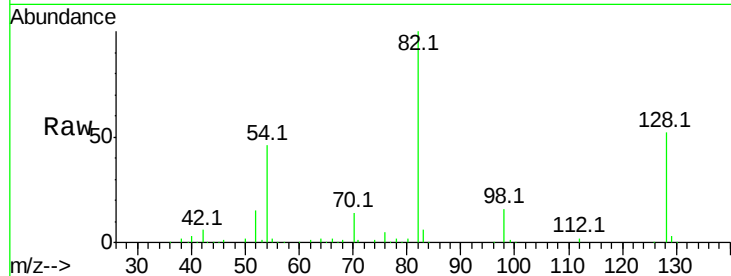




#23
 Nitrobenzene-d5
 Concen: 102.019 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BG031939.D
 Acq: 5 Jan 2018 19:07

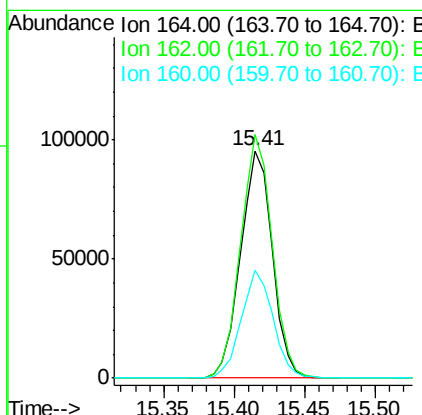
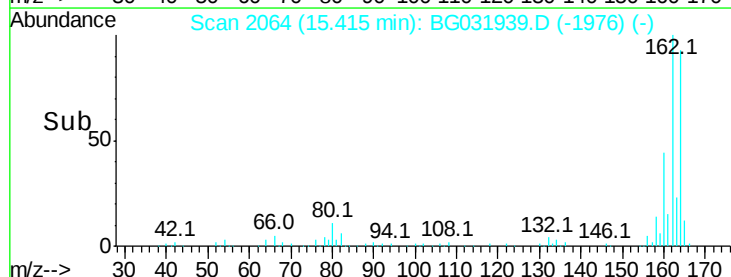
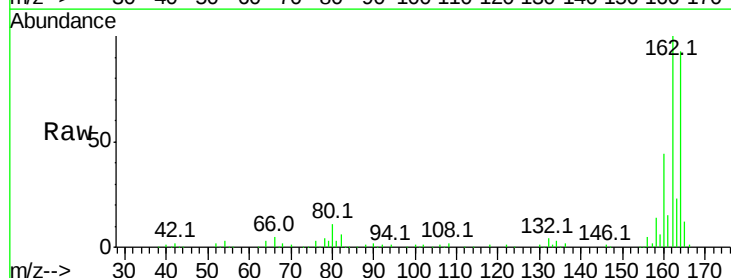
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-010318

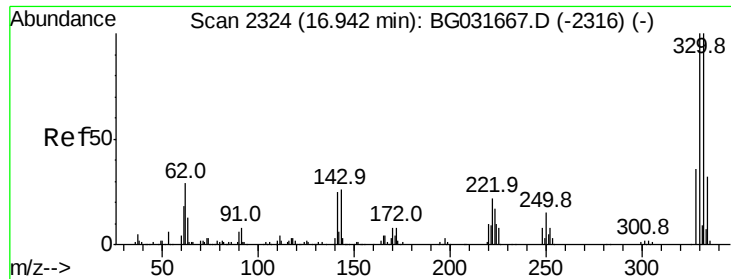
Tot Ion: 82 Resp: 288254
 Ion Ratio Lower Upper
 82 100
 128 52.1 29.7 44.5#
 54 46.0 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG031939.D
 Acq: 5 Jan 2018 19:07

Tgt Ion:164 Resp: 150264
 Ion Ratio Lower Upper
 164 100
 162 107.0 78.8 118.2
 160 47.4 35.4 53.0

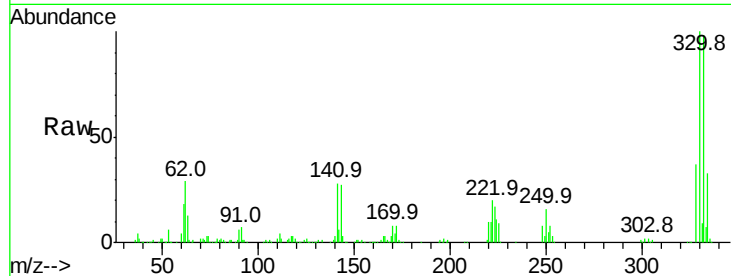




#41
 2,4,6-Tribromophenol
 Concen: 160.249 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG031939.D
 Acq: 5 Jan 2018 19:07

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-010318

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	26.7	25.2	37.8

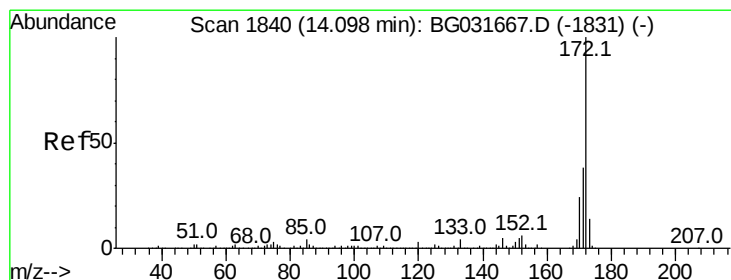
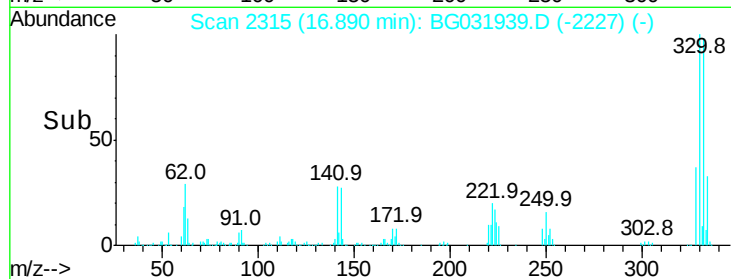
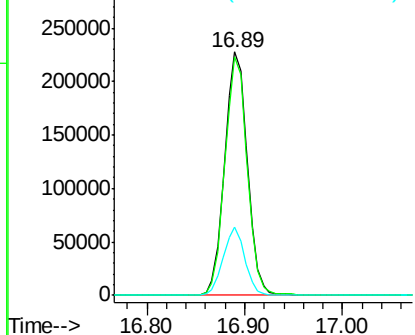


Abundance

Ion 329.80 (329.50 to 330.50): E

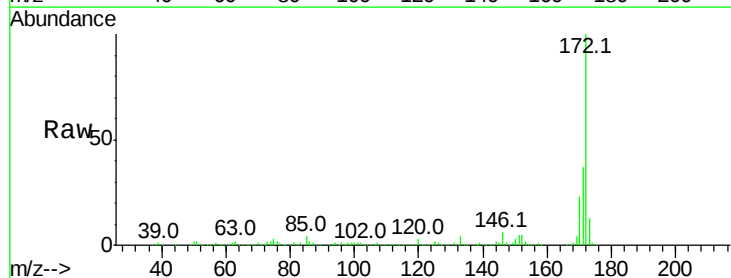
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.385 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BG031939.D
 Acq: 5 Jan 2018 19:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	23.3	19.5	29.3

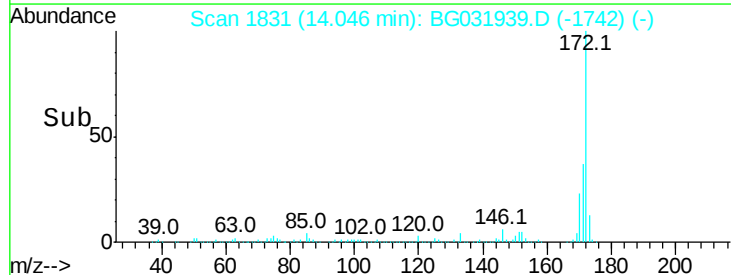
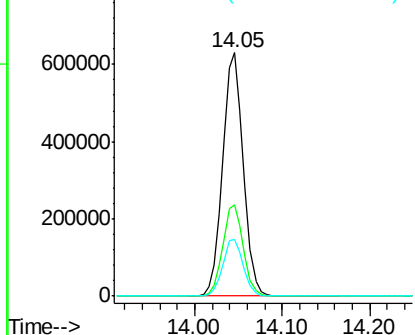


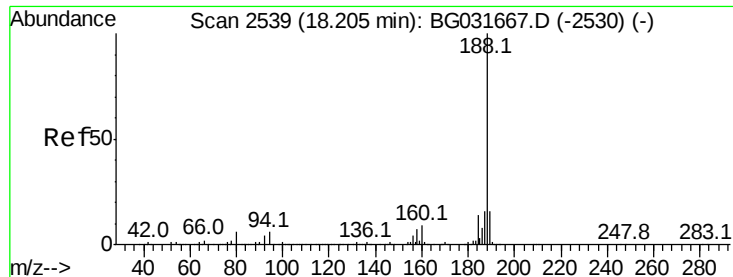
Abundance

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

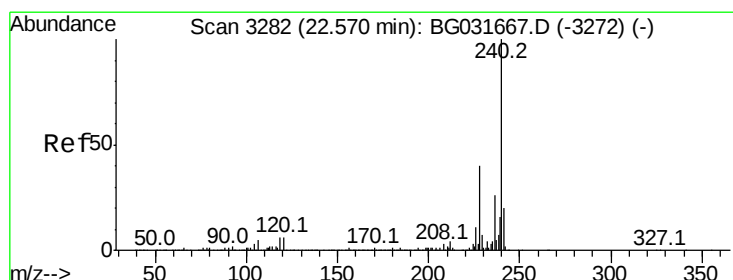
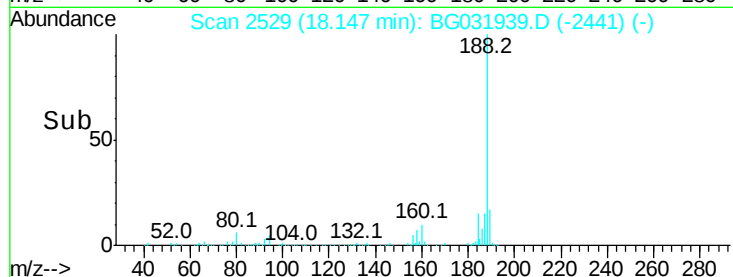
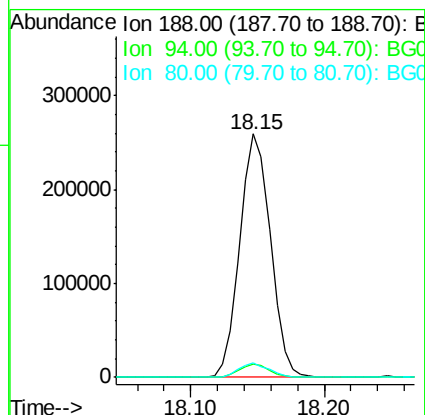
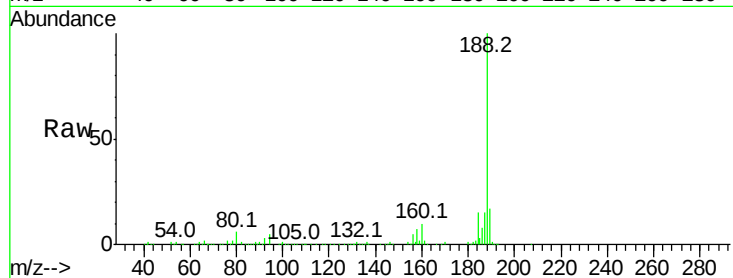




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031939.D
Acq: 5 Jan 2018 19:07

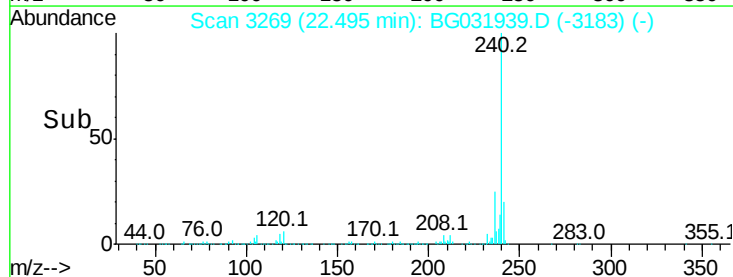
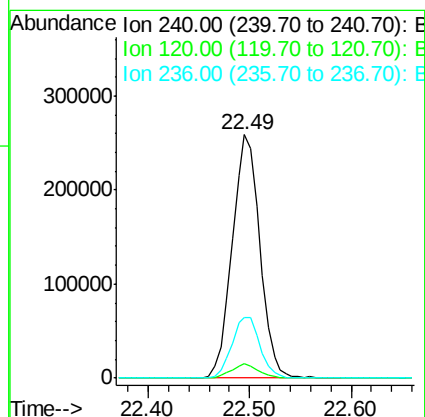
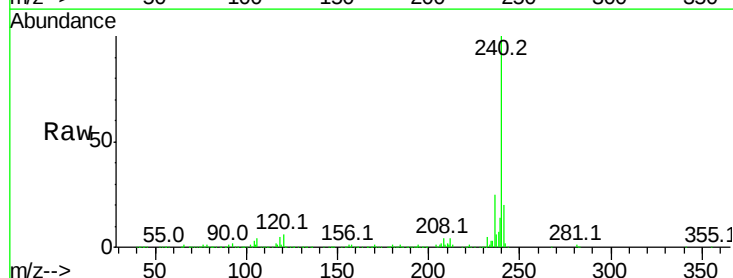
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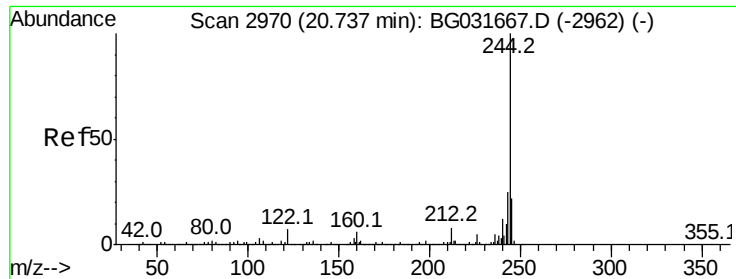
Tot Ion:188 Resp: 412836
Ion Ratio Lower Upper
188 100
94 5.4 6.9 10.3#
80 6.1 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.49 min Scan# 3269
Delta R.T. -0.02 min
Lab File: BG031939.D
Acq: 5 Jan 2018 19:07

Tgt Ion:240 Resp: 488792
Ion Ratio Lower Upper
240 100
120 6.2 6.8 10.2#
236 24.6 20.9 31.3





#78

Terphenyl-d14

Concen: 95.210 ng

RT: 20.69 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BG031939.D

Acq: 5 Jan 2018 19:07

Instrument :

BNA_G

ClientSampleId :

HR-05-010318

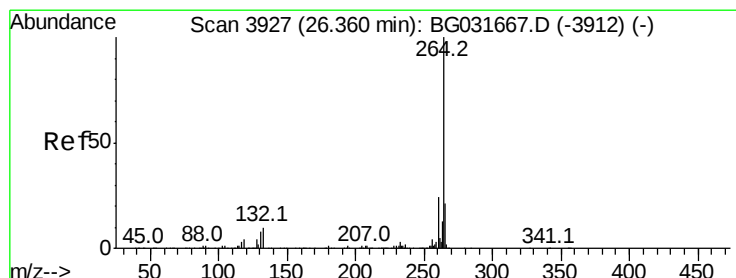
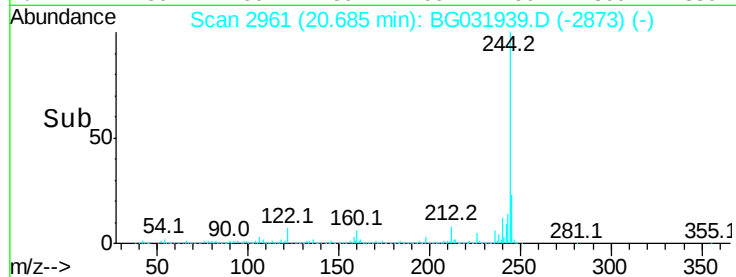
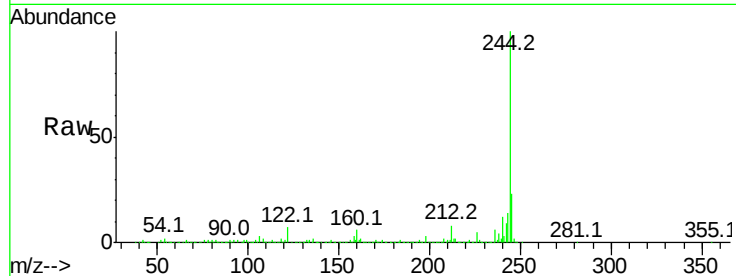
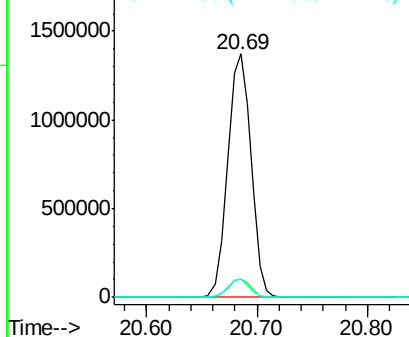
Tot Ion:244 Resp: 2036985

Ion	Ratio	Lower	Upper
244	100		
212	7.7	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

Perylene-d12

Concen: 20.000 ng

RT: 26.24 min Scan# 3907

Delta R.T. -0.05 min

Lab File: BG031939.D

Acq: 5 Jan 2018 19:07

Tgt Ion:264 Resp: 478552

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	21.8	17.7	26.5

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

