

Data Path : U:\HPCHEM1\BNA G\DATA\BG010518\
 Data File : BG031942.D
 Acq On : 5 Jan 2018 21:00
 Operator : SJ/JU
 Sample : J1012-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010318-C

Quant Time: Jan 06 00:34:22 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	55379	20.00	ng	0.00
21) Naphthalene-d8	11.66	136	235621	20.00	ng	-0.01
38) Acenaphthene-d10	15.41	164	167071	20.00	ng	-0.02
63) Phenanthrene-d10	18.14	188	462766	20.00	ng	-0.02
75) Chrysene-d12	22.49	240	526793	20.00	ng	-0.03
86) Perylene-d12	26.22	264	516361	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	382782	125.89	ng	0.00
7) Phenol-d6	7.89	99	443189	112.27	ng	0.00
23) Nitrobenzene-d5	9.98	82	313608	100.51	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	410714	161.11	ng	-0.01
44) 2-Fluorobiphenyl	14.04	172	1100818	82.70	ng	-0.01
78) Terphenyl-d14	20.68	244	2149319	93.21	ng	-0.02

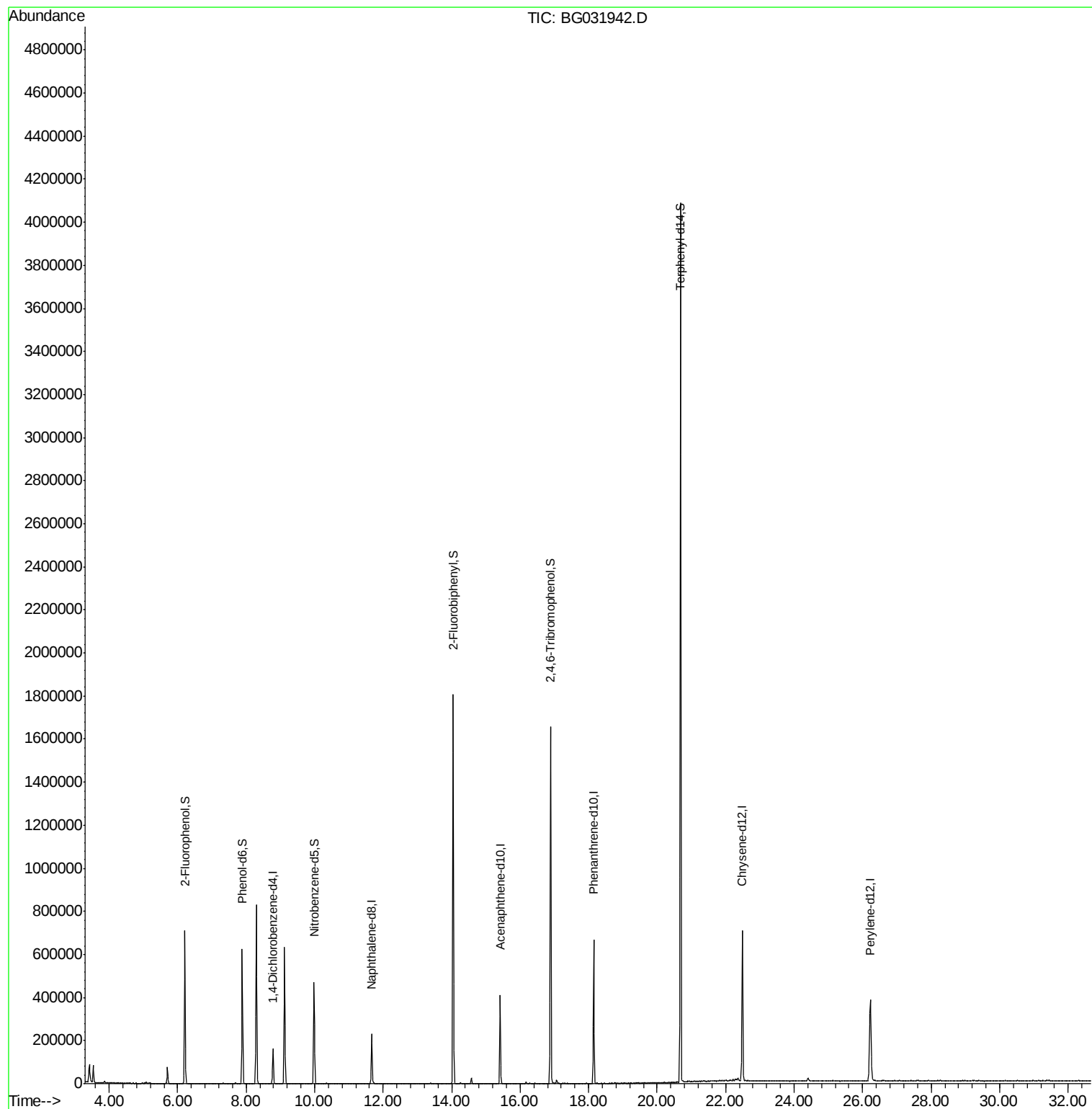
Target Compounds Qvalue

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

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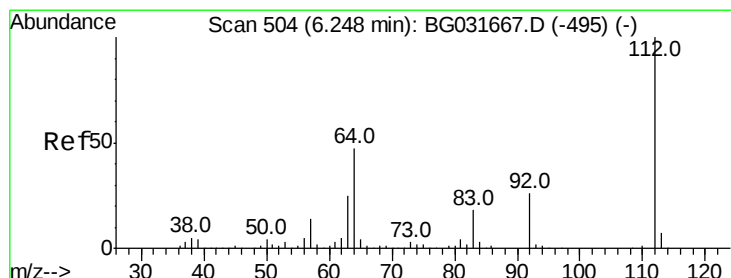
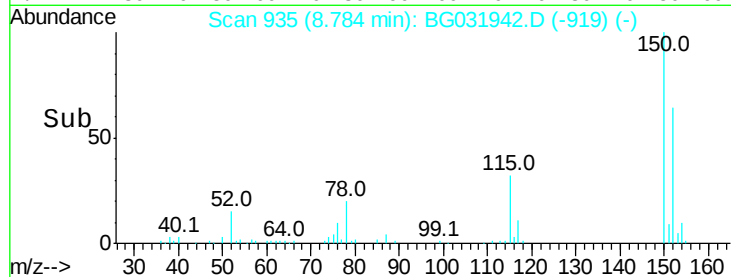
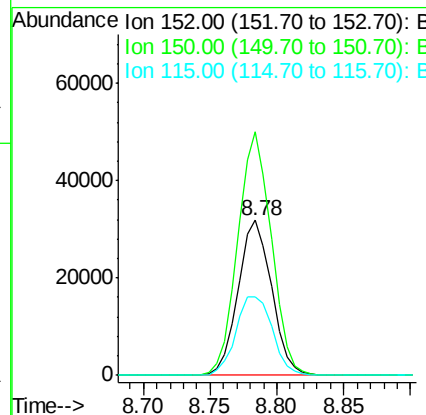
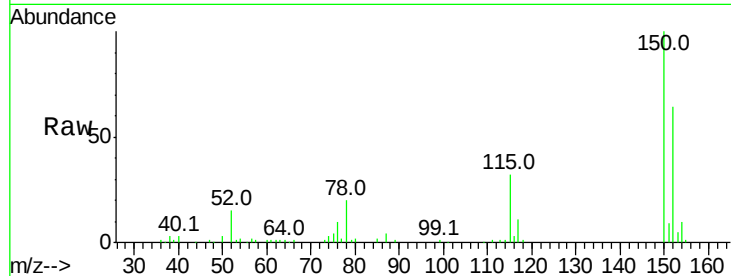


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.00 min
Lab File: BG031942.D
Acq: 5 Jan 2018 21:00

Instrument :
BNA_G
ClientSampleId :
JC-03-010318-C

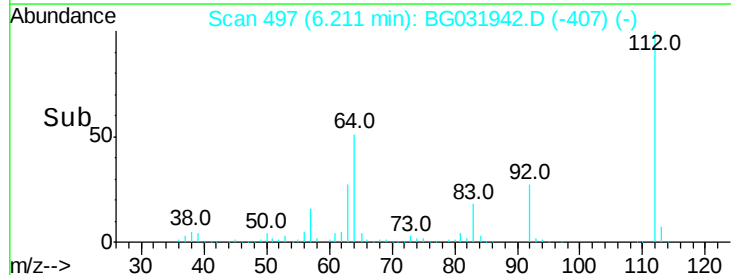
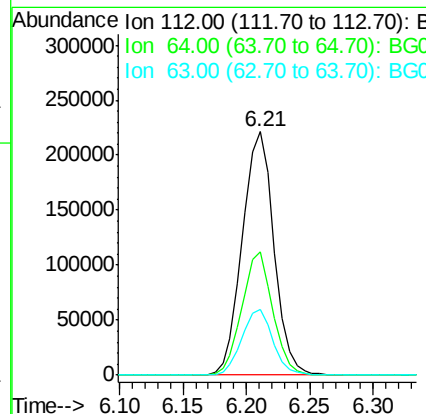
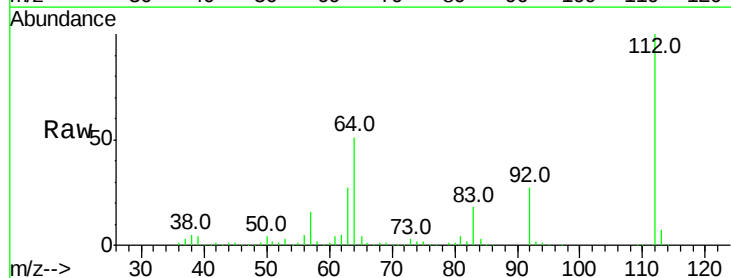
Tot Ion:152 Resp: 55379
Ion Ratio Lower Upper
152 100
150 157.3 126.6 189.8
115 50.7 53.0 79.4#



#5

2-Fluorophenol
Concen: 125.895 ng
RT: 6.21 min Scan# 497
Delta R.T. 0.00 min
Lab File: BG031942.D
Acq: 5 Jan 2018 21:00

Tgt Ion:112 Resp: 382782
Ion Ratio Lower Upper
112 100
64 50.8 56.3 84.5#
63 27.2 30.1 45.1#





#7

Phenol-d6

Concen: 112.269 ng

RT: 7.89 min Scan# 783

Delta R.T. 0.00 min

Lab File: BG031942.D

Acq: 5 Jan 2018 21:00

Instrument :

BNA_G

ClientSampleId :

JC-03-010318-C

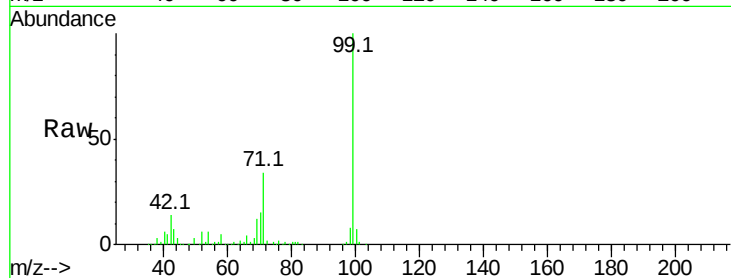
Tot Ion: 99 Resp: 443189

Ion Ratio Lower Upper

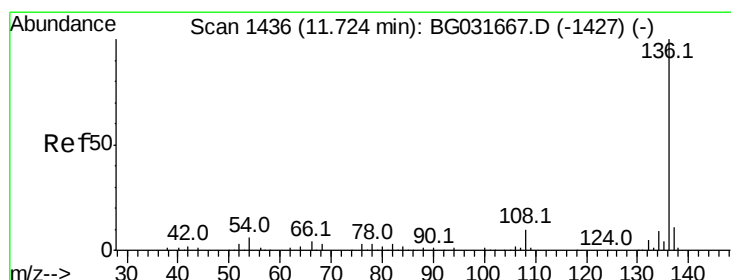
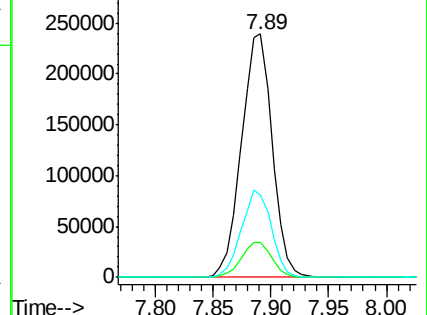
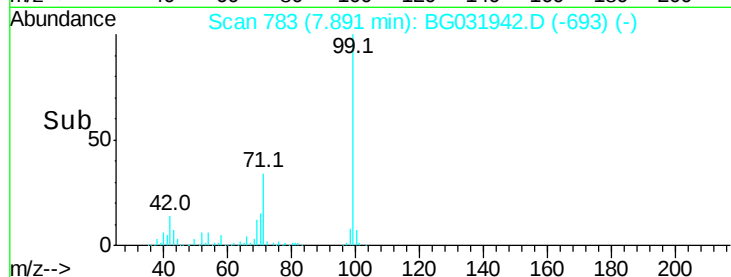
99 100

42 14.2 14.1 21.1

71 33.6 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: 11.66 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BG031942.D

Acq: 5 Jan 2018 21:00

Tgt Ion: 136 Resp: 235621

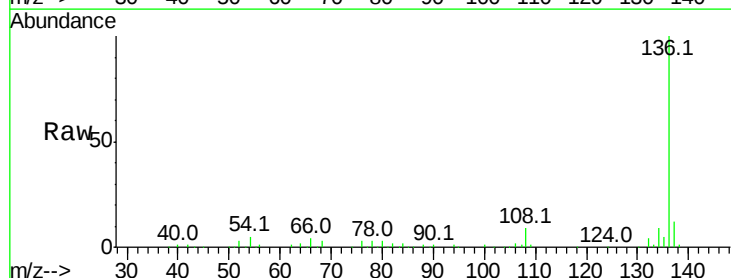
Ion Ratio Lower Upper

136 100

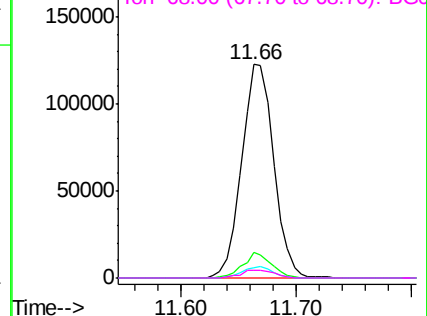
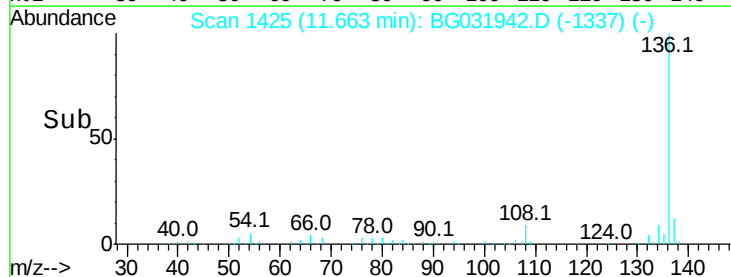
137 11.9 9.2 13.8

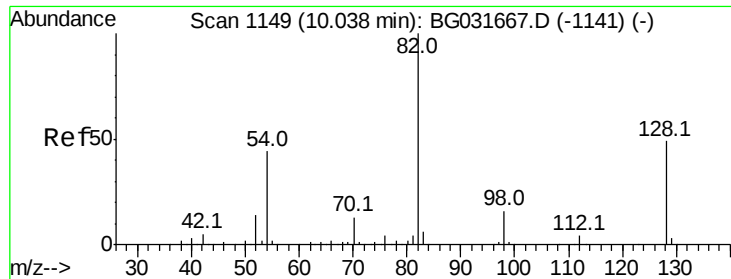
54 4.7 10.3 15.5#

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

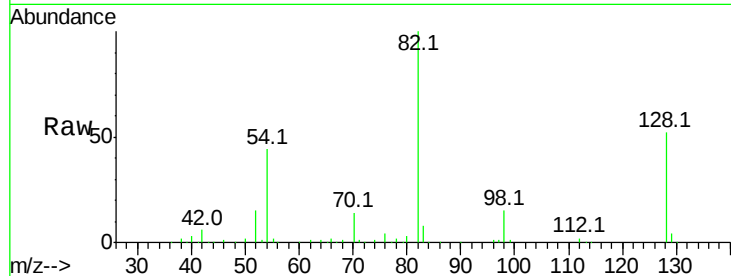




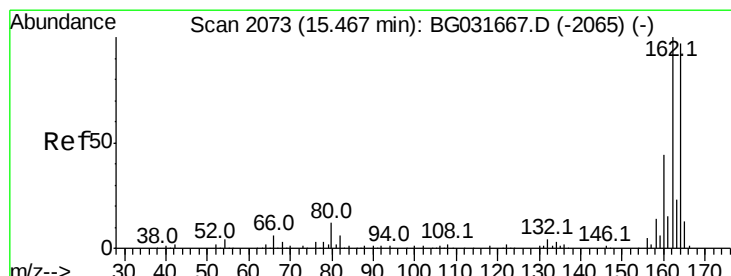
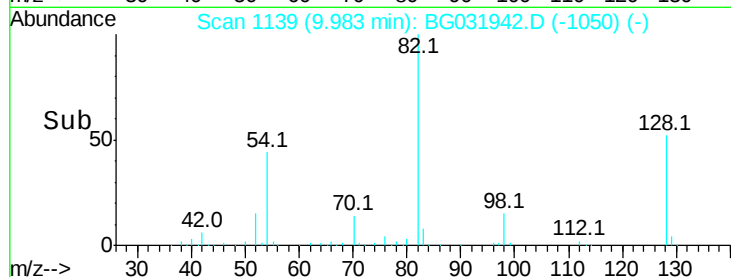
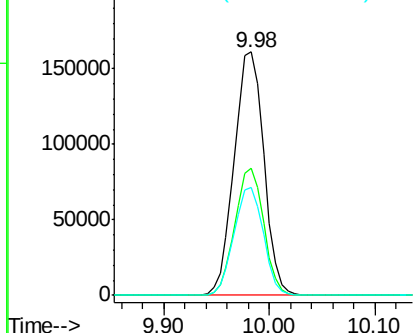
#23
 Nitrobenzene-d5
 Concen: 100.506 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BG031942.D
 Acq: 5 Jan 2018 21:00

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010318-C

Tot Ion: 82 Resp: 313608
 Ion Ratio Lower Upper
 82 100
 128 52.1 29.7 44.5#
 54 44.2 43.1 64.7

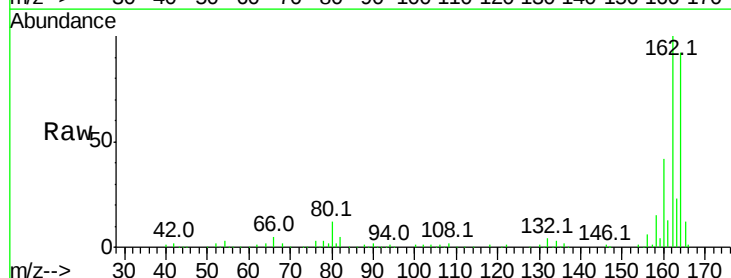


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

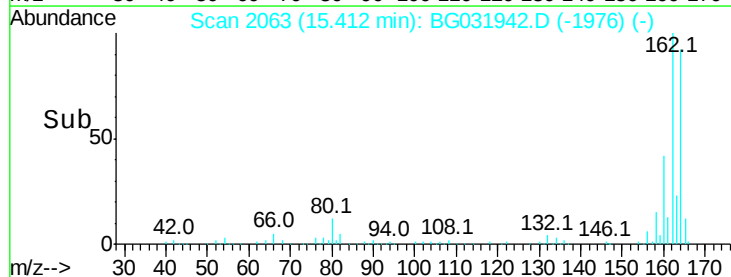
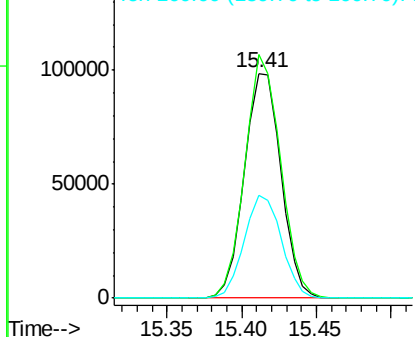


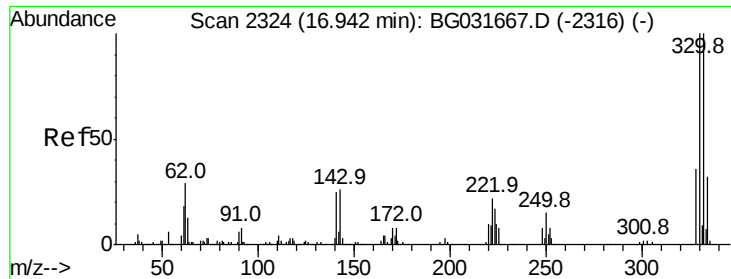
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2063
 Delta R.T. -0.02 min
 Lab File: BG031942.D
 Acq: 5 Jan 2018 21:00

Tgt Ion:164 Resp: 167071
 Ion Ratio Lower Upper
 164 100
 162 108.3 78.8 118.2
 160 45.8 35.4 53.0



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

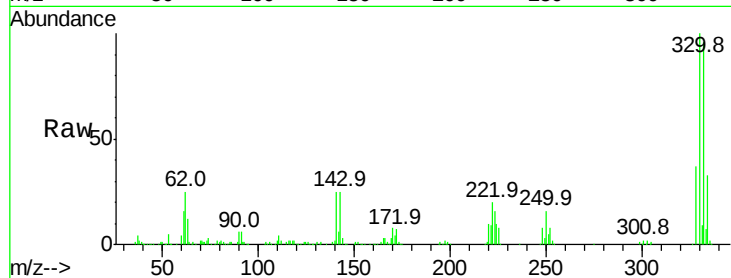




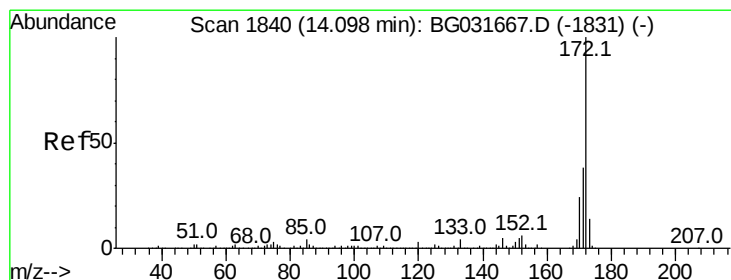
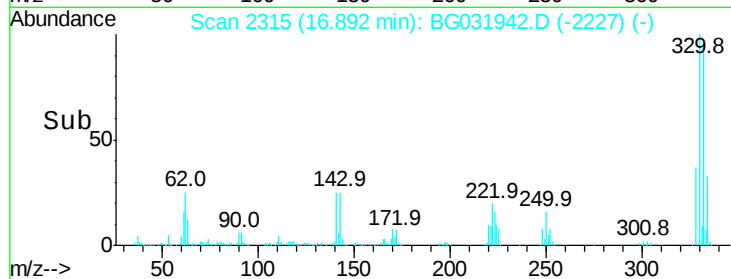
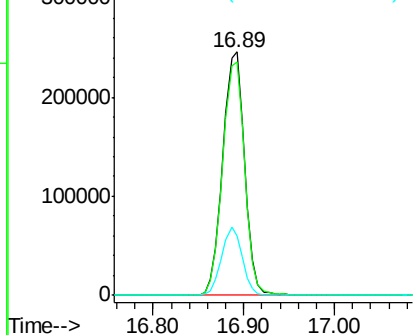
#41
 2,4,6-Tribromophenol
 Concen: 161.110 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG031942.D
 Acq: 5 Jan 2018 21:00

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010318-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	26.5	25.2	37.8

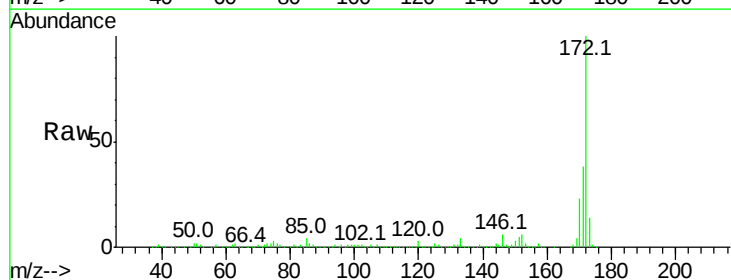


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

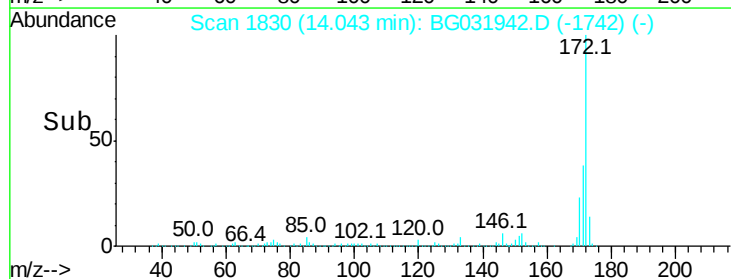
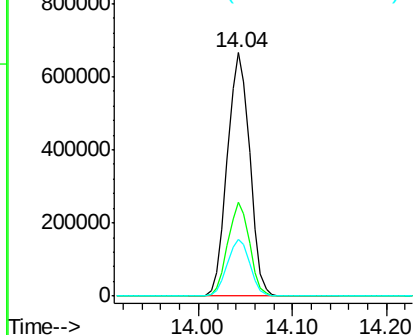


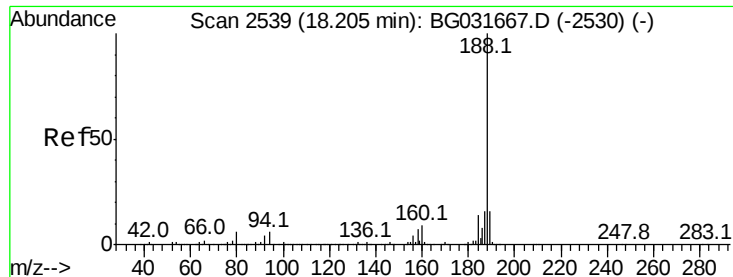
#44
 2-Fluorobiphenyl
 Concen: 82.700 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG031942.D
 Acq: 5 Jan 2018 21:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	23.5	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

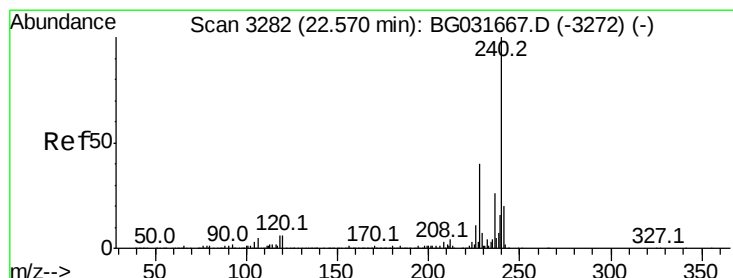
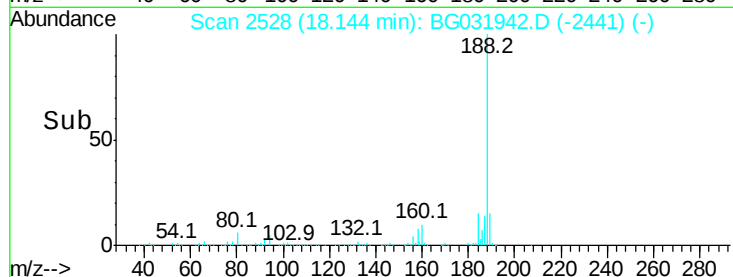
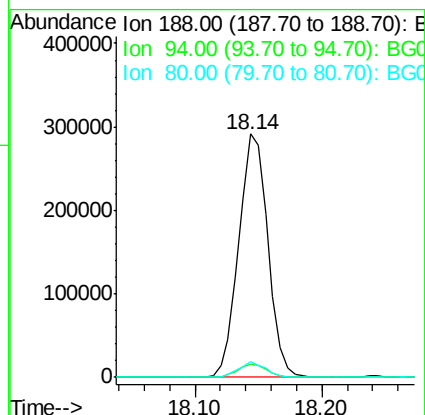
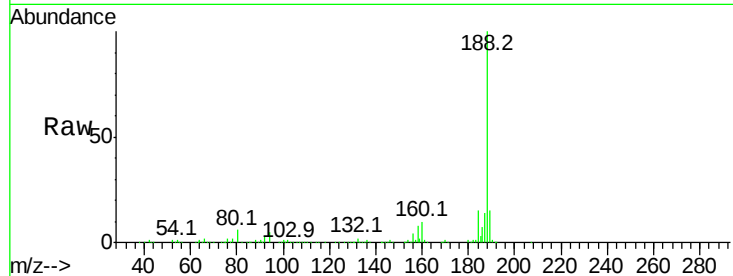




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BG031942.D
Acq: 5 Jan 2018 21:00

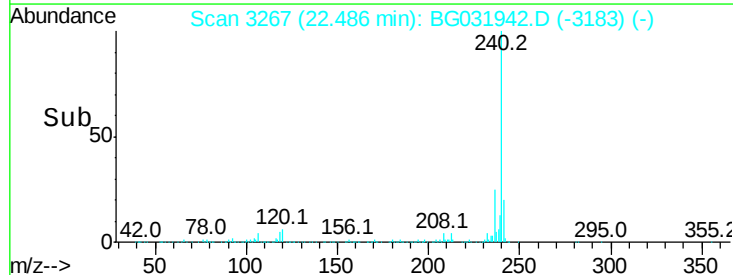
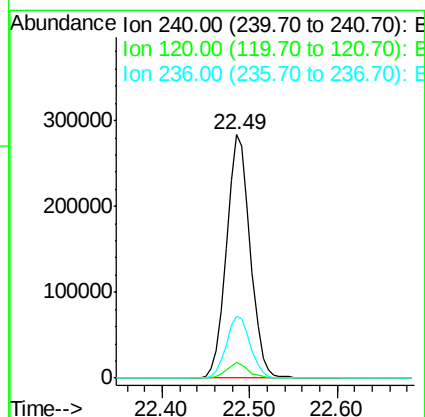
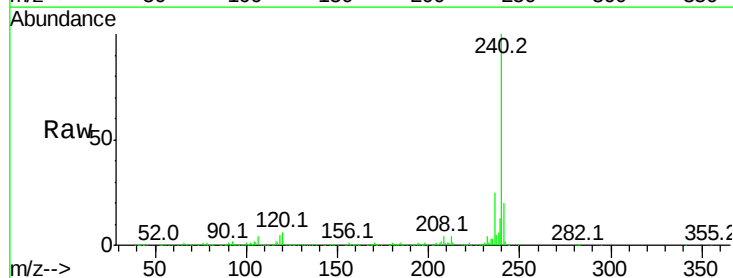
Instrument :
BNA_G
ClientSampleId :
JC-03-010318-C

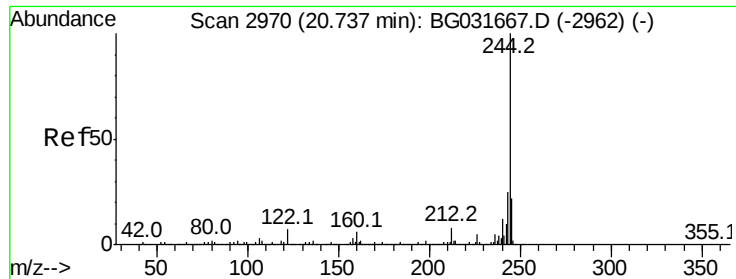
Tot Ion:188 Resp: 462766
Ion Ratio Lower Upper
188 100
94 5.3 6.9 10.3#
80 6.3 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.49 min Scan# 3267
Delta R.T. -0.03 min
Lab File: BG031942.D
Acq: 5 Jan 2018 21:00

Tgt Ion:240 Resp: 526793
Ion Ratio Lower Upper
240 100
120 6.3 6.8 10.2#
236 25.2 20.9 31.3





#78

Terphenyl-d14

Concen: 93.214 ng

RT: 20.68 min Scan# 2960

Delta R.T. -0.02 min

Lab File: BG031942.D

Acq: 5 Jan 2018 21:00

Instrument :

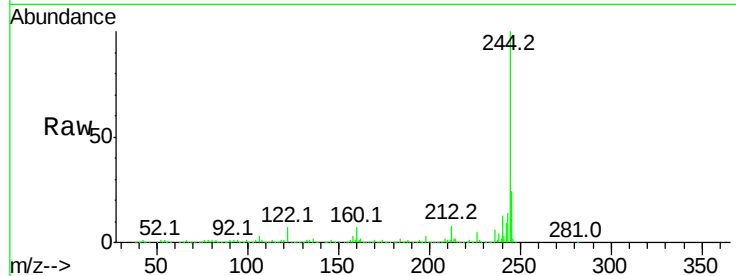
BNA_G

ClientSampleId :

JC-03-010318-C

Tot Ion:244 Resp: 2149319

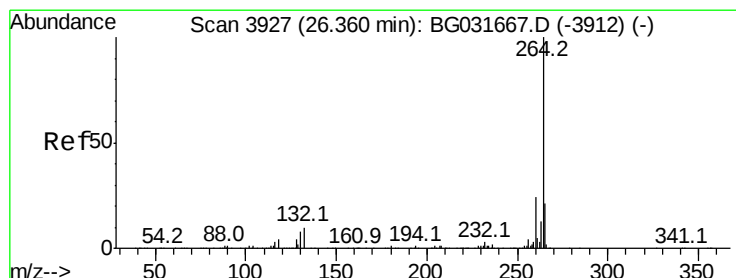
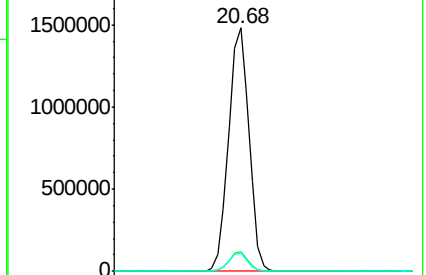
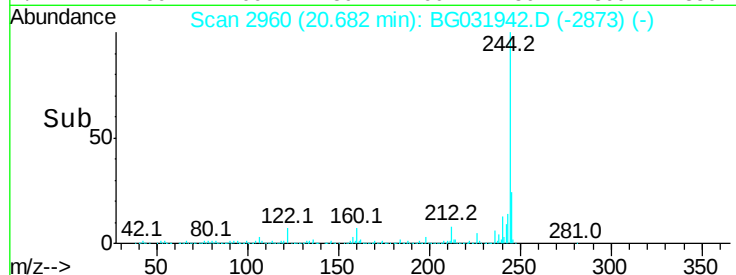
Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	7.4	7.0	10.4



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: 26.22 min Scan# 3903

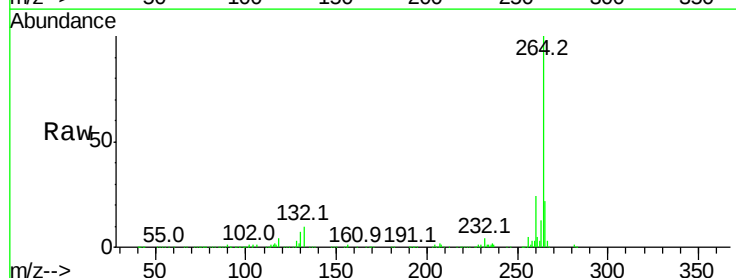
Delta R.T. -0.08 min

Lab File: BG031942.D

Acq: 5 Jan 2018 21:00

Tgt Ion:264 Resp: 516361

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	22.0	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

