

Data Path : U:\HPCHEM1\BNA G\DATA\BG010518\
 Data File : BG031941.D
 Acq On : 5 Jan 2018 20:22
 Operator : SJ/JU
 Sample : J1012-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jan 06 00:28:01 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

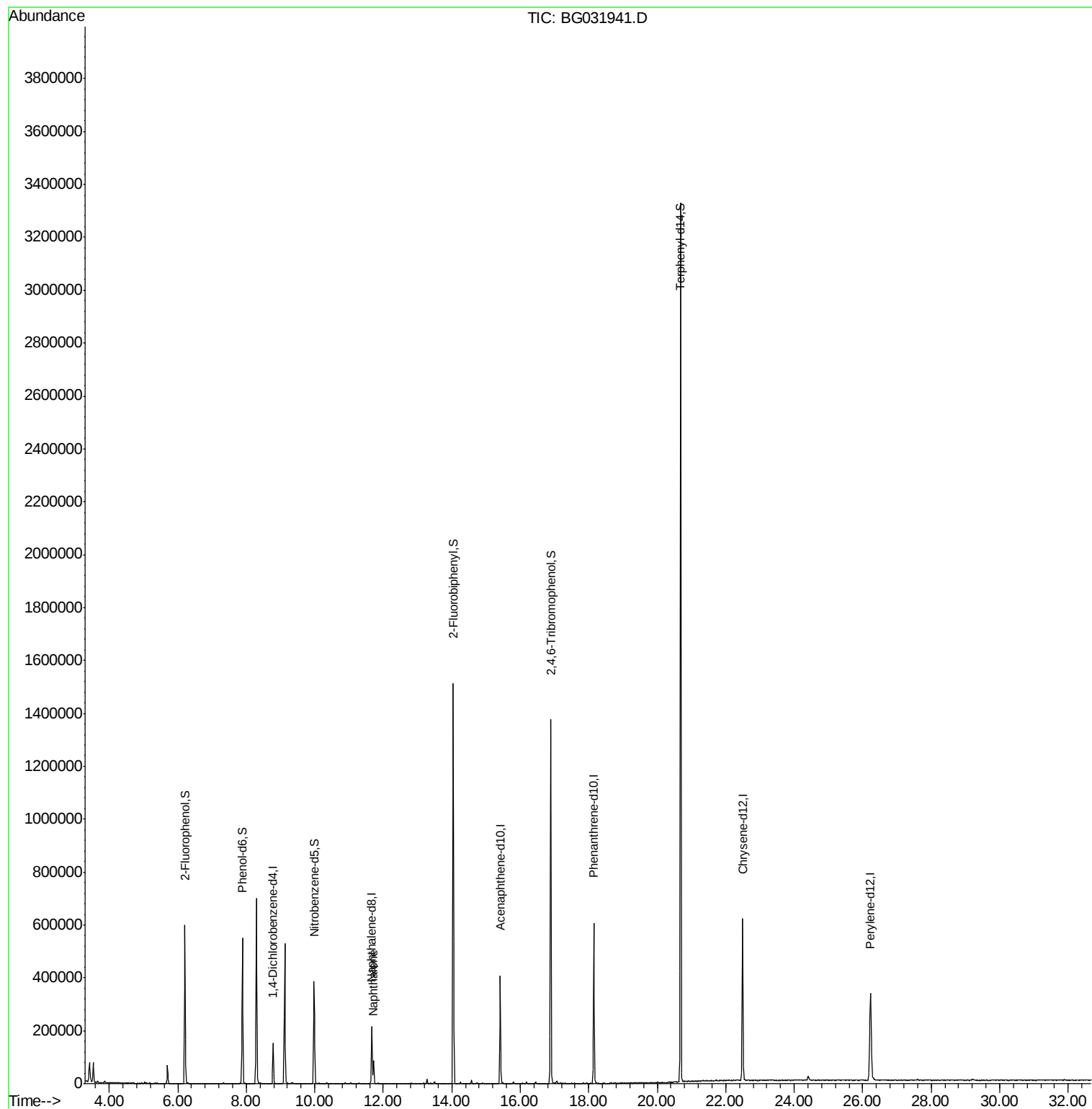
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	51626	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	214771	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	157112	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	425706	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	476361	20.00	ng	-0.03
86) Perylene-d12	26.23	264	462674	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	324664	114.54	ng	0.00
7) Phenol-d6	7.89	99	382748	104.01	ng	0.00
23) Nitrobenzene-d5	9.98	82	258136	90.76	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	337985	140.99	ng	-0.01
44) 2-Fluorobiphenyl	14.04	172	922546	73.70	ng	-0.01
78) Terphenyl-d14	20.68	244	1841109	88.30	ng	-0.02
Target Compounds						
31) Naphthalene	11.71	128	85295	7.869	ng	Qvalue 98

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

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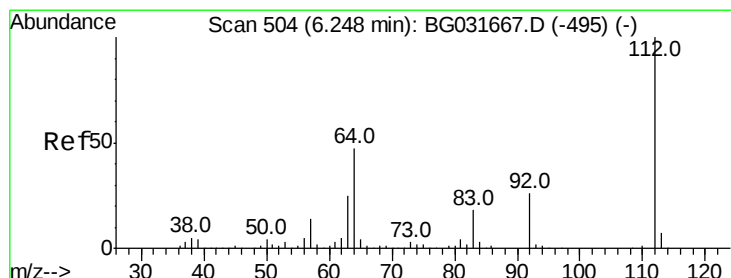
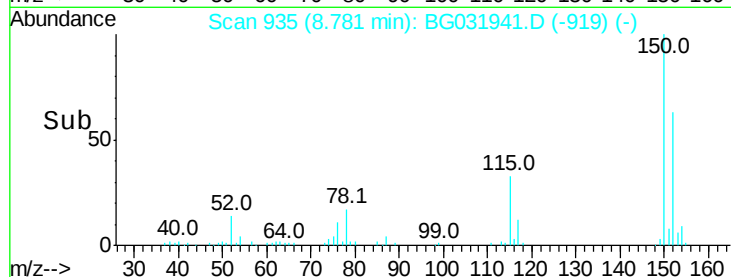
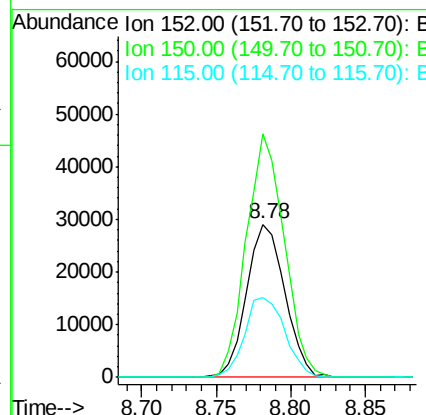
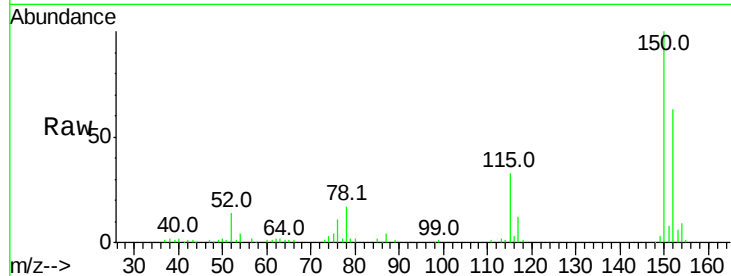


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG031941.D
Acq: 5 Jan 2018 20:22

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

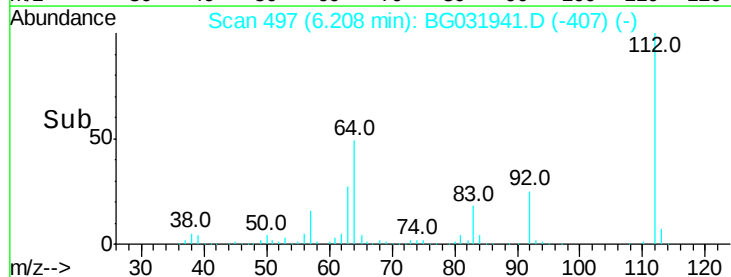
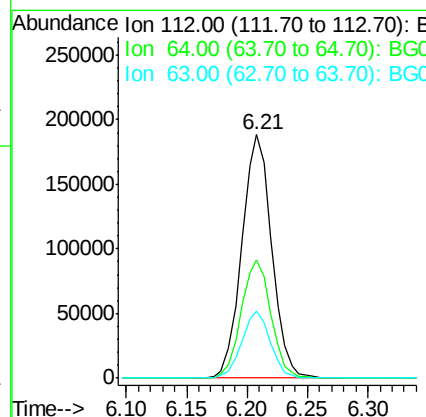
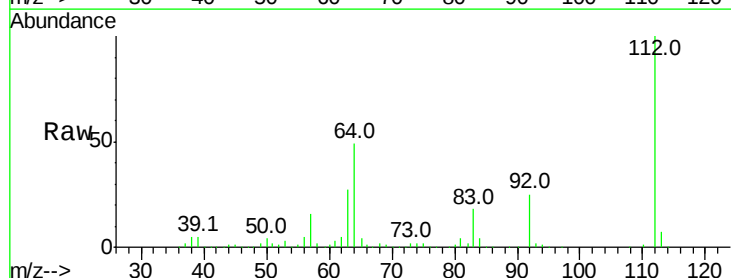
Tot Ion:152 Resp: 51626
Ion Ratio Lower Upper
152 100
150 159.1 126.6 189.8
115 52.5 53.0 79.4#



#5

2-Fluorophenol
Concen: 114.543 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG031941.D
Acq: 5 Jan 2018 20:22

Tgt Ion:112 Resp: 324664
Ion Ratio Lower Upper
112 100
64 48.6 56.3 84.5#
63 27.4 30.1 45.1#





#7

Phenol-d6

Concen: 104.007 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031941.D

Acq: 5 Jan 2018 20:22

Instrument :

BNA_G

ClientSampleId :

JC-03-010318-B

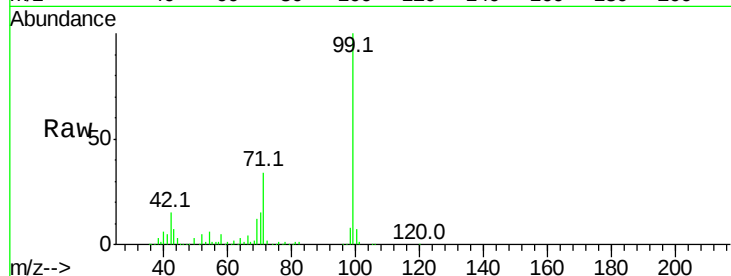
Tot Ion: 99 Resp: 382748

Ion Ratio Lower Upper

99 100

42 14.8 14.1 21.1

71 34.3 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

250000

200000

150000

100000

50000

0

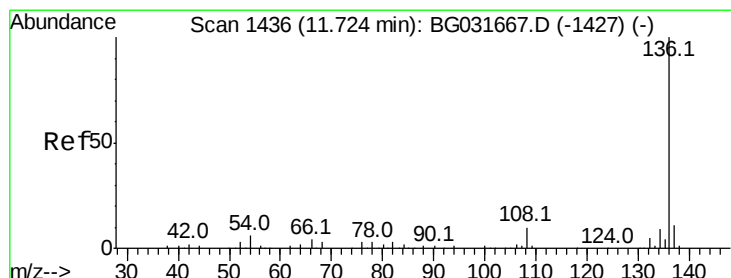
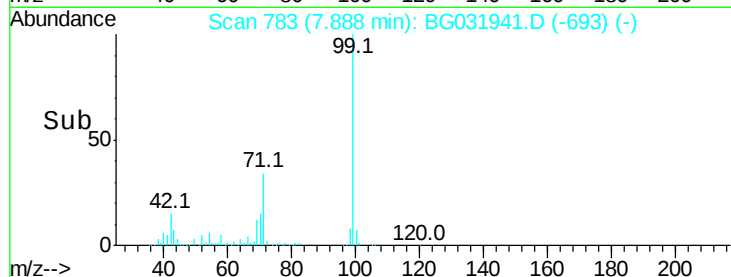
7.89

7.80

7.90

8.00

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.67 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BG031941.D

Acq: 5 Jan 2018 20:22

Tgt Ion: 136 Resp: 214771

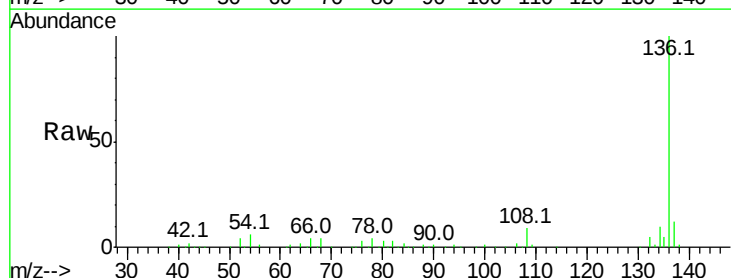
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 5.7 10.3 15.5#

68 3.6 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

150000

100000

50000

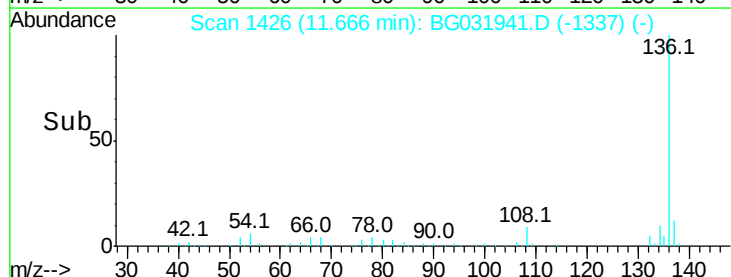
0

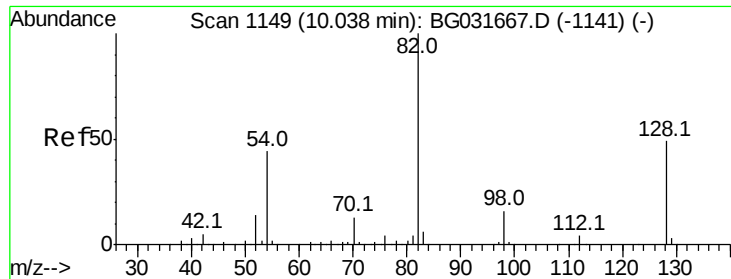
11.67

11.60

11.70

Time-->

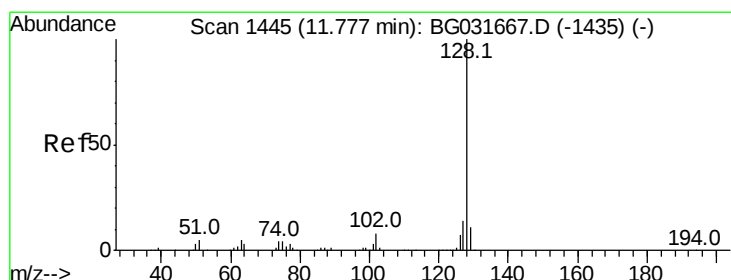
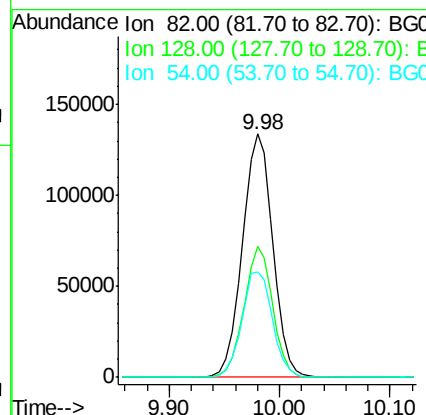
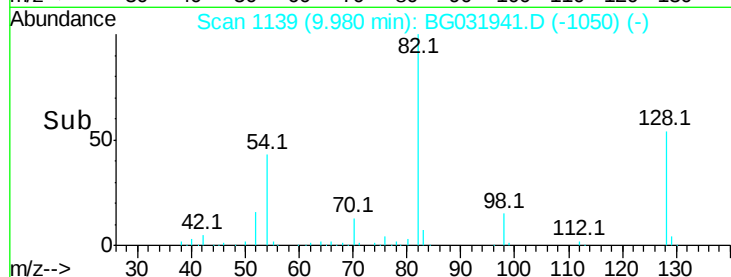
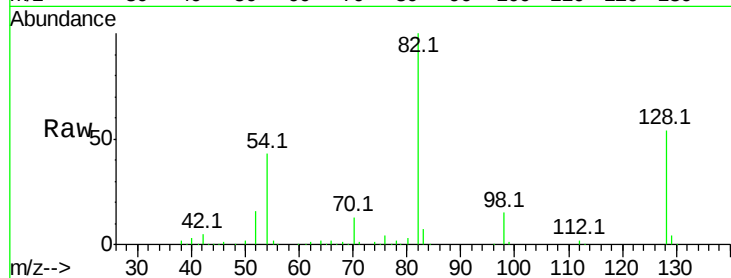




#23
 Nitrobenzene-d5
 Concen: 90.759 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BG031941.D
 Acq: 5 Jan 2018 20:22

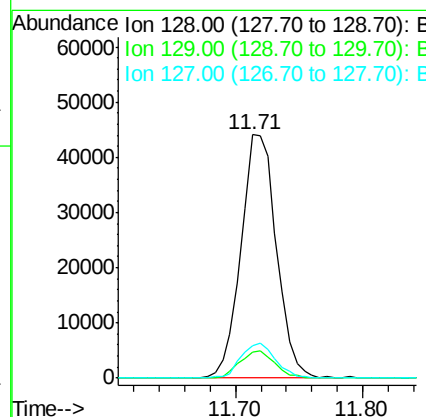
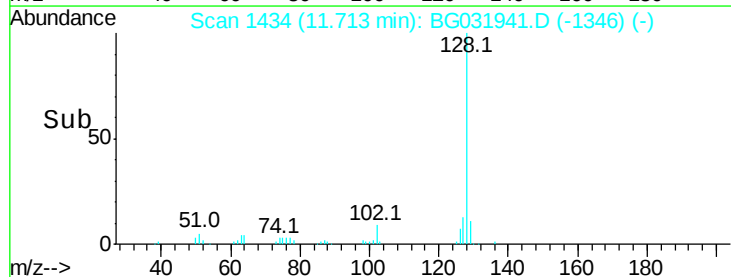
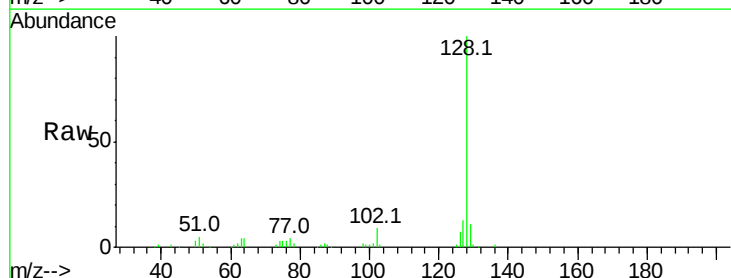
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010318-B

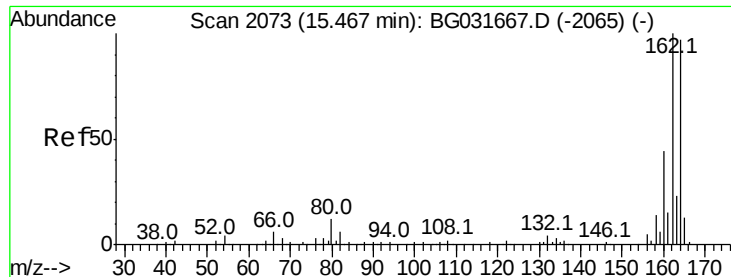
Tot Ion: 82 Resp: 258136
 Ion Ratio Lower Upper
 82 100
 128 53.7 29.7 44.5#
 54 43.5 43.1 64.7



#31
 Naphthalene
 Concen: 7.869 ng
 RT: 11.71 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BG031941.D
 Acq: 5 Jan 2018 20:22

Tgt Ion: 128 Resp: 85295
 Ion Ratio Lower Upper
 128 100
 129 10.6 8.6 12.8
 127 13.4 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.41 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BG031941.D

Acq: 5 Jan 2018 20:22

Instrument :

BNA_G

ClientSampleId :

JC-03-010318-B

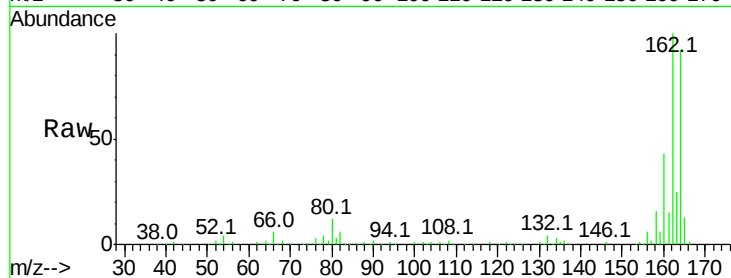
Tot Ion:164 Resp: 157112

Ion Ratio Lower Upper

164 100

162 108.5 78.8 118.2

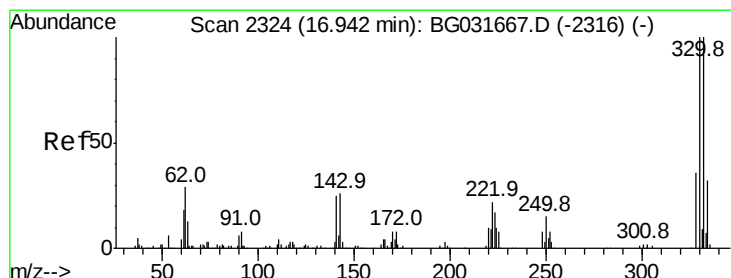
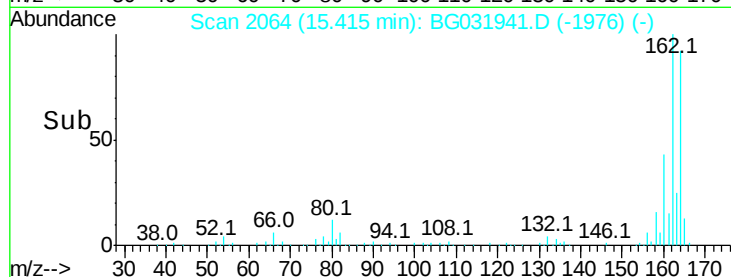
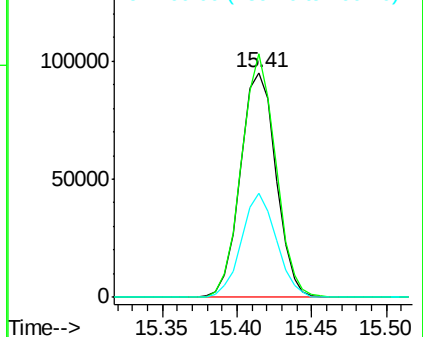
160 46.6 35.4 53.0



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: 140.985 ng

RT: 16.89 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BG031941.D

Acq: 5 Jan 2018 20:22

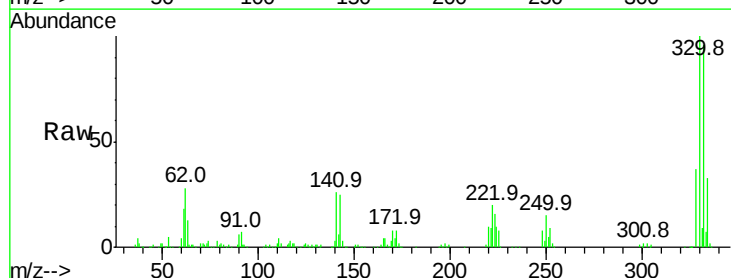
Tgt Ion:330 Resp: 337985

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

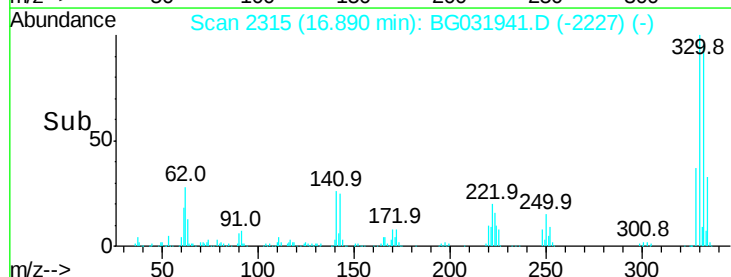
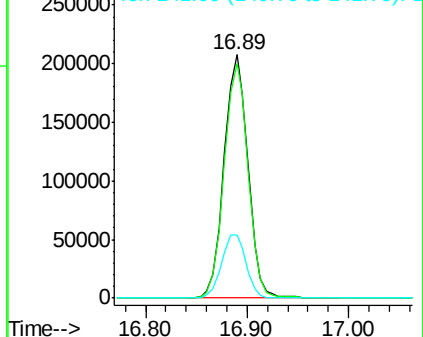
141 26.9 25.2 37.8



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

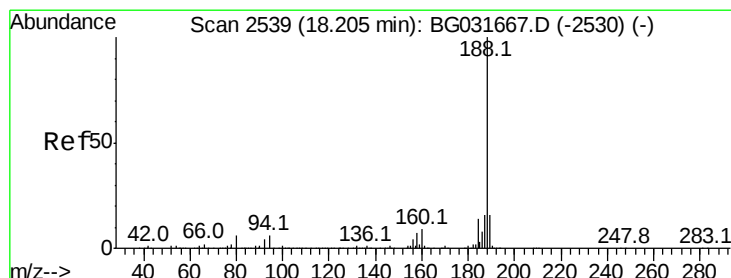
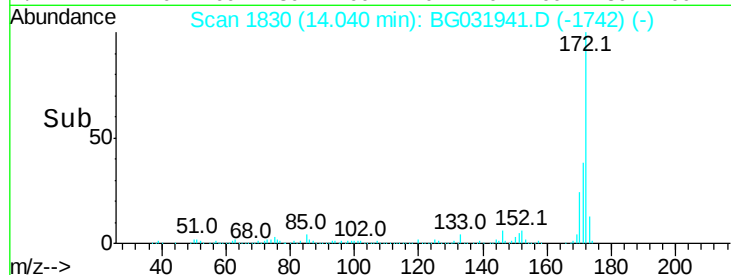
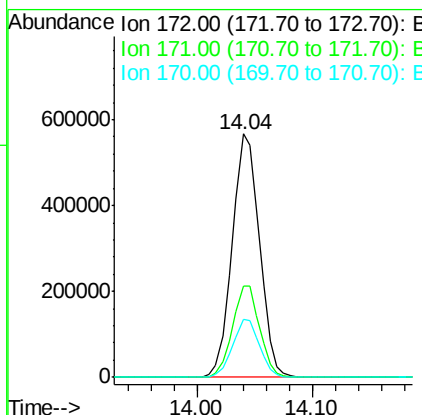
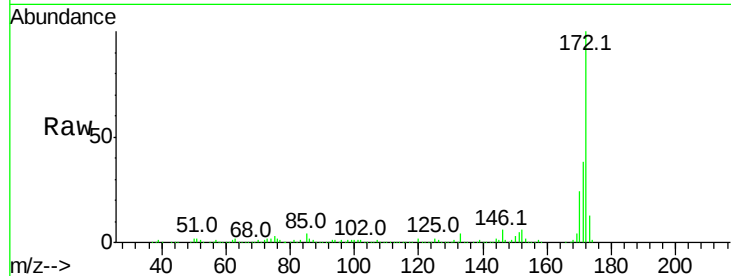




#44
2-Fluorobiphenyl
Concen: 73.700 ng
RT: 14.04 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BG031941.D
Acq: 5 Jan 2018 20:22

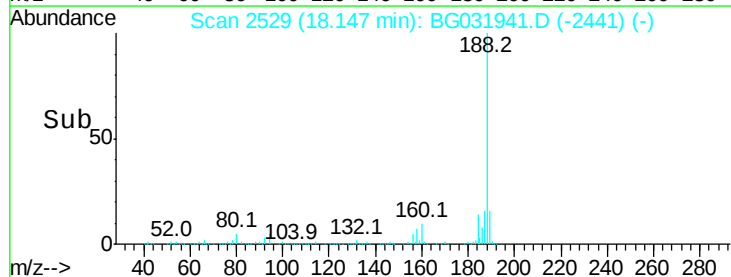
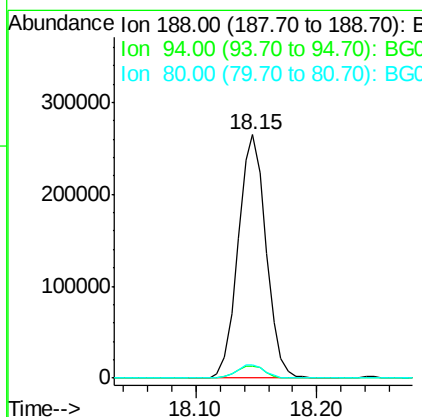
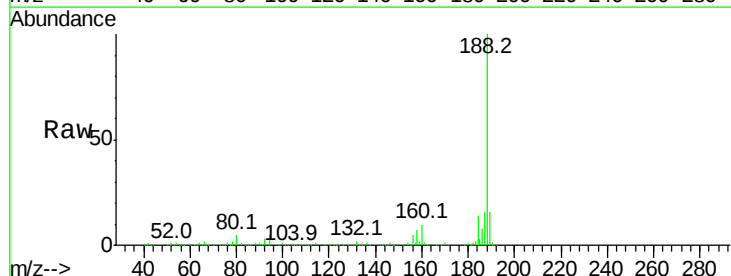
Instrument :
BNA_G
ClientSampleId :
JC-03-010318-B

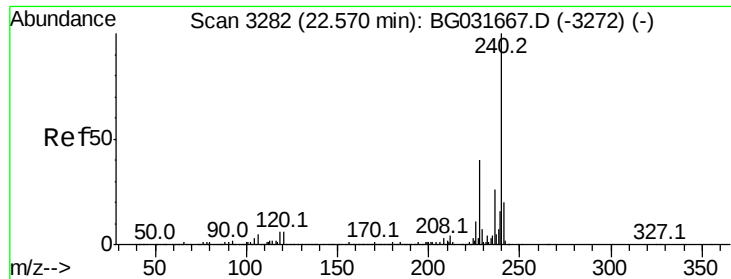
Tot Ion:172 Resp: 922546
Ion Ratio Lower Upper
172 100
171 37.5 30.0 45.0
170 23.6 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031941.D
Acq: 5 Jan 2018 20:22

Tgt Ion:188 Resp: 425706
Ion Ratio Lower Upper
188 100
94 5.1 6.9 10.3#
80 5.5 7.7 11.5#

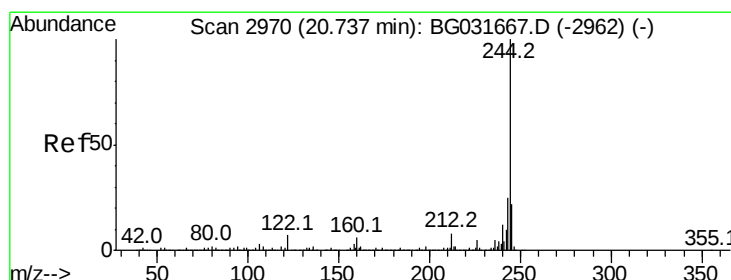
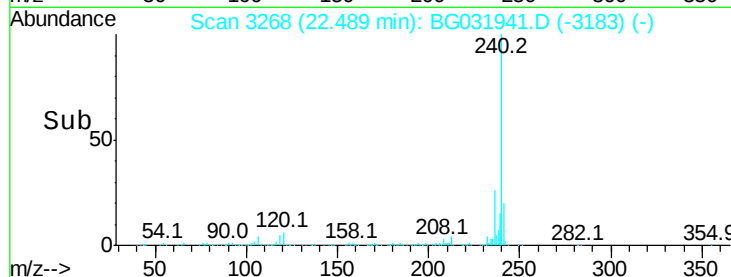
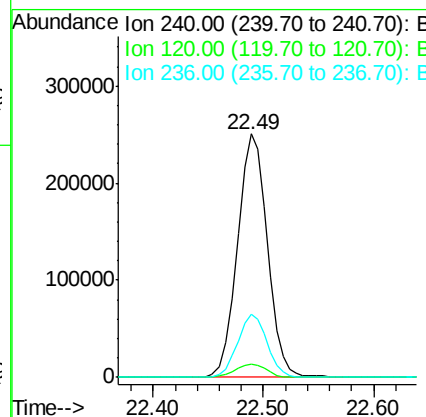
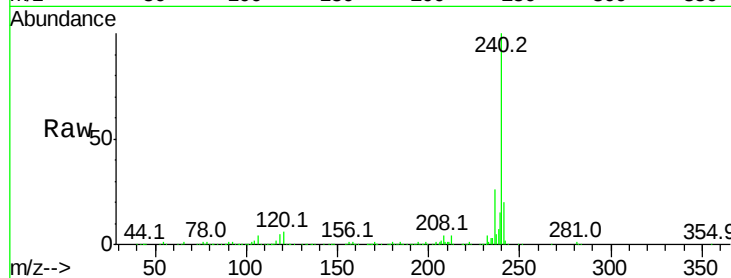




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.49 min Scan# 3268
 Delta R.T. -0.03 min
 Lab File: BG031941.D
 Acq: 5 Jan 2018 20:22

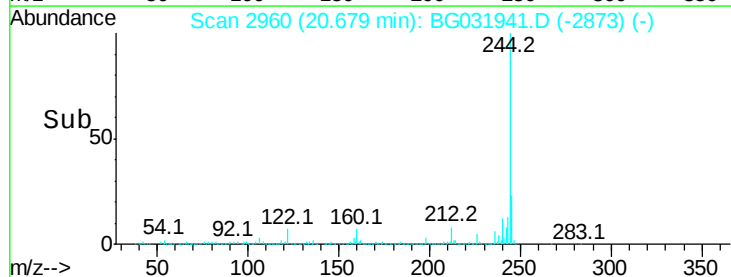
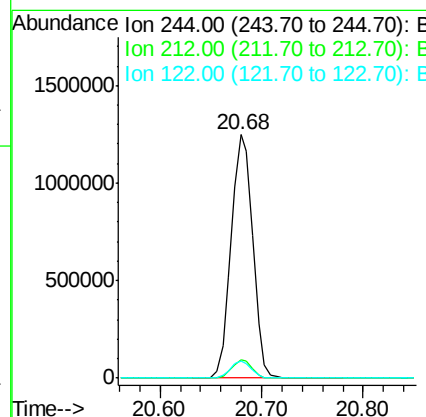
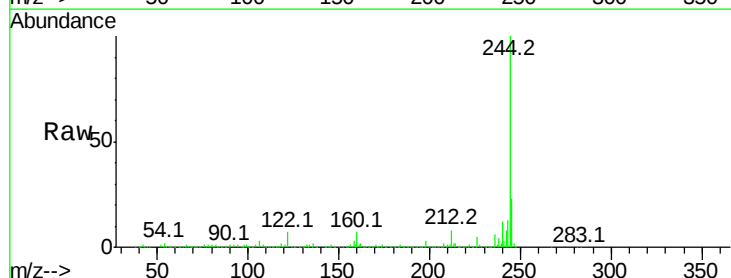
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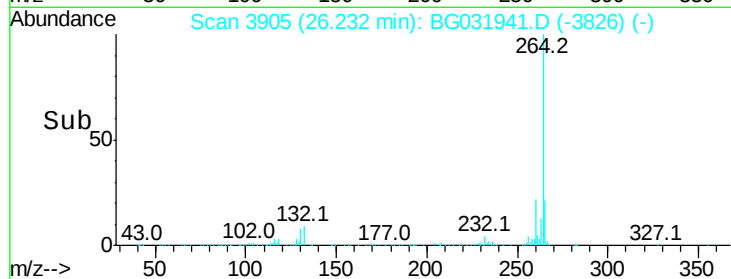
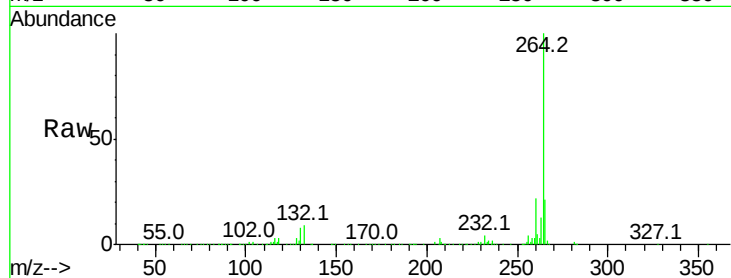
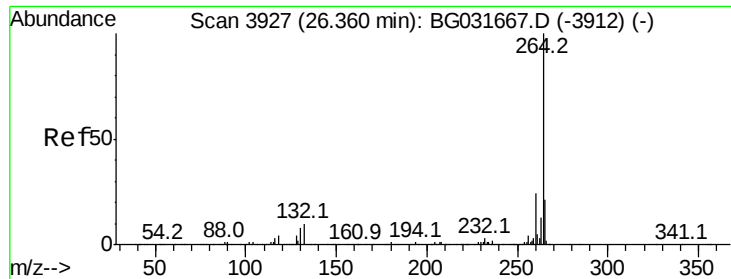
Tot Ion:240 Resp: 476361
 Ion Ratio Lower Upper
 240 100
 120 5.6 6.8 10.2#
 236 25.8 20.9 31.3



#78
 Terphenyl-d14
 Concen: 88.300 ng
 RT: 20.68 min Scan# 2960
 Delta R.T. -0.02 min
 Lab File: BG031941.D
 Acq: 5 Jan 2018 20:22

Tgt Ion:244 Resp: 1841109
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 6.9 7.0 10.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.23 min Scan# 3905
 Delta R.T. -0.07 min
 Lab File: BG031941.D
 Acq: 5 Jan 2018 20:22

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.4	26.0
265	21.2	17.7	26.5

