

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062018\
Quantitation Report (QT/LSC Reviewed)

Data File : BG035292.D
Acq On : 21 Jun 2018 9:09
Operator : SJ/JU
Sample : J3573-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-45-COMP

Quant Time: Jun 21 11:39:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

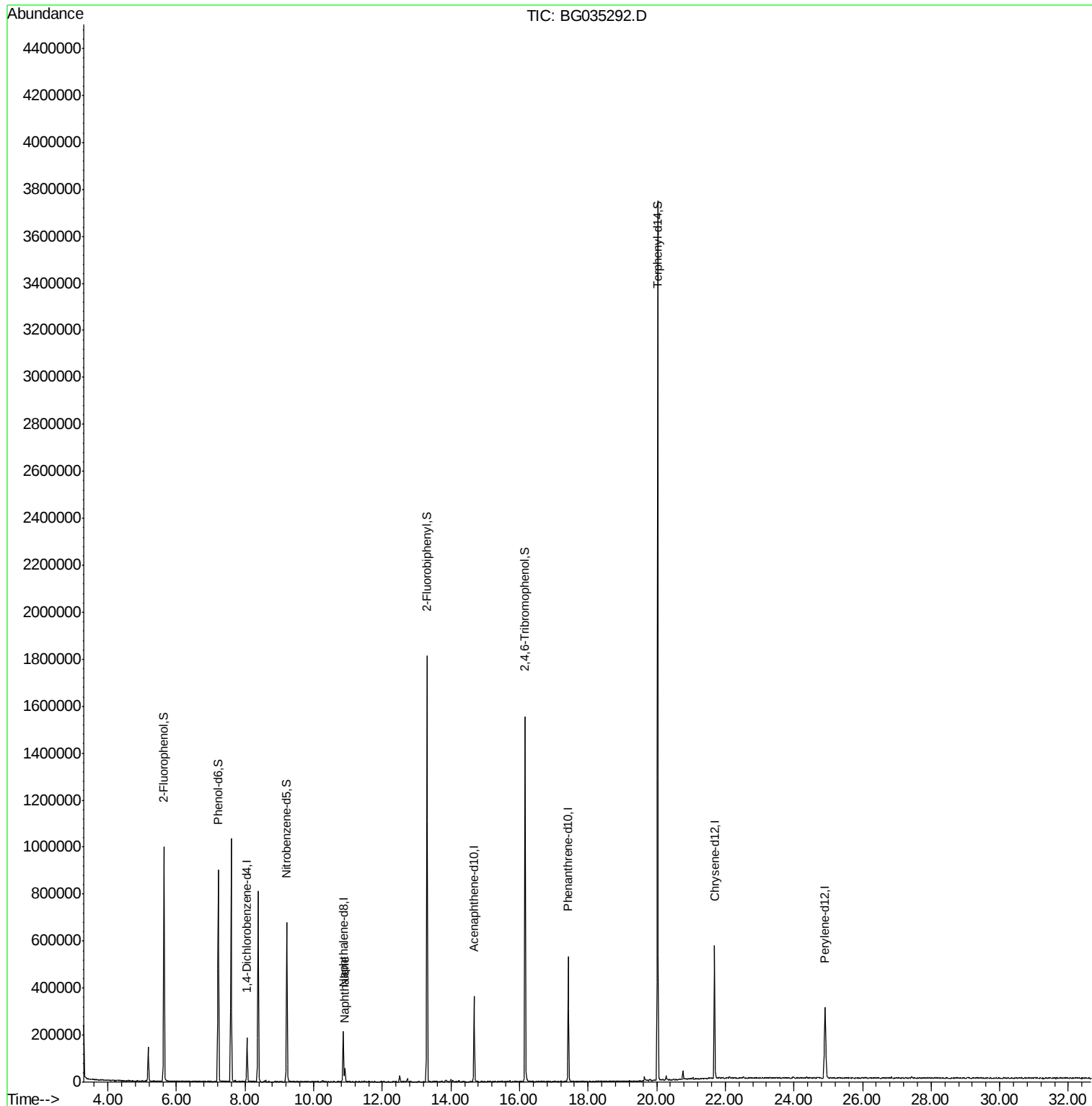
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) 1,4-Dichlorobenzene-d4	8.05	152	53991	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	182506	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	125203	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	344016	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	374523	20.00	ng	-0.03
86) Perylene-d12	24.91	264	355107	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	421545	131.76	ng	0.00
7) Phenol-d6	7.21	99	537785	113.89	ng	0.00
23) Nitrobenzene-d5	9.22	82	444089	115.66	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	286584	178.81	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	970231	100.74	ng	-0.03
78) Terphenyl-d14	20.03	244	1781134	99.62	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	10.91	128	49117	5.181	ng	97
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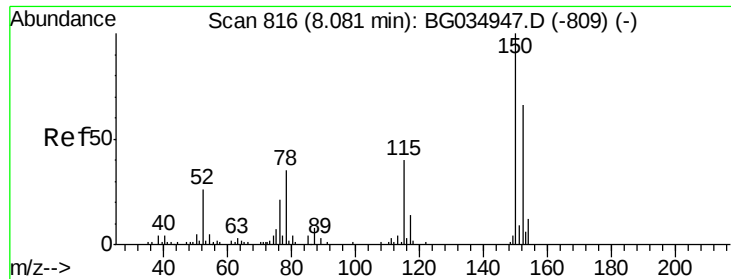
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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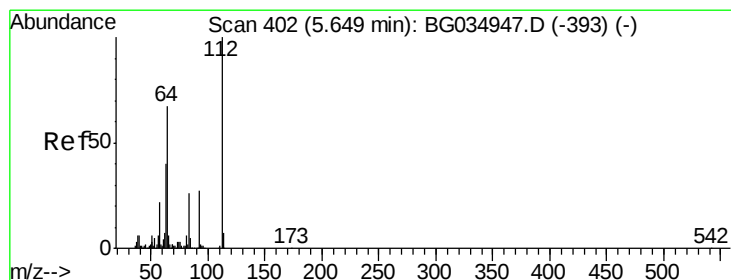
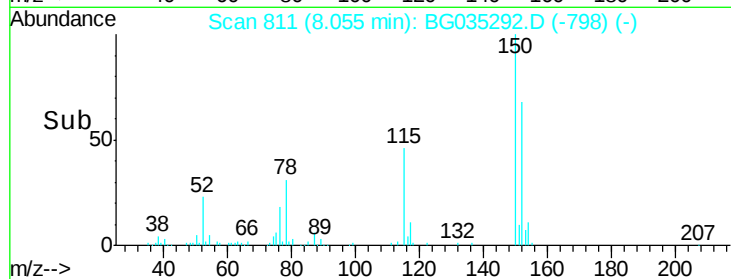
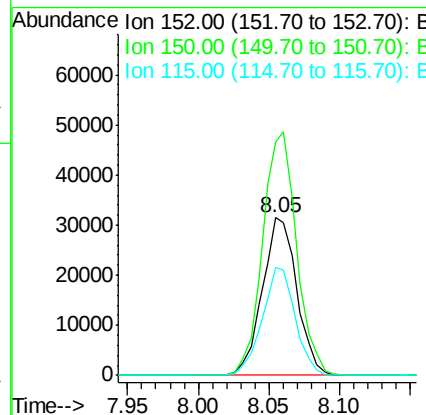
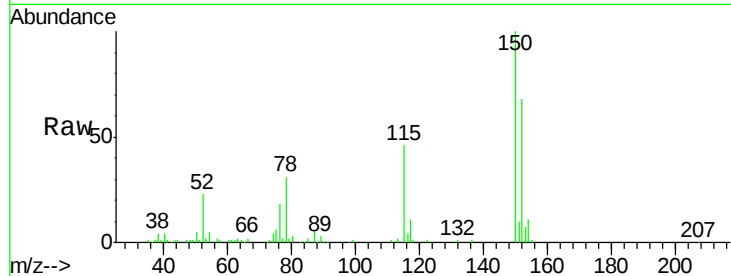


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035292.D
Acq: 21 Jun 2018 9:09

Instrument :
BNA_G
ClientSampleId :
SB-45-COMP

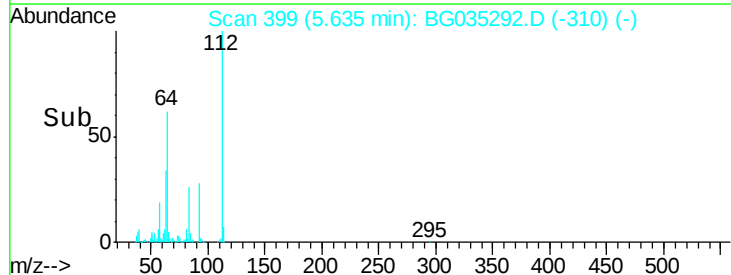
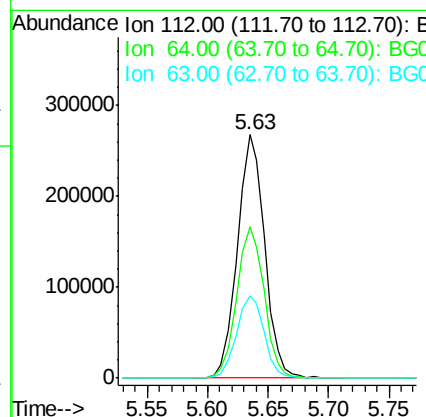
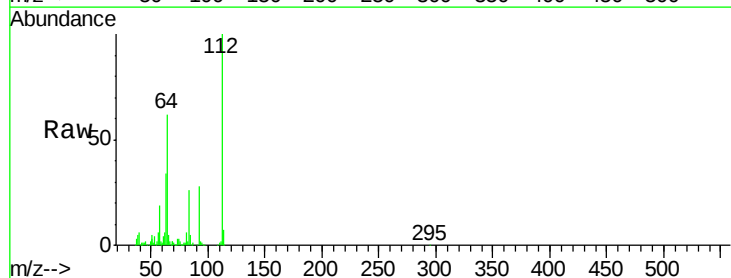
Tgt Ion:152 Resp: 53991
Ion Ratio Lower Upper
152 100
150 148.0 126.6 189.8
115 68.8 53.0 79.4

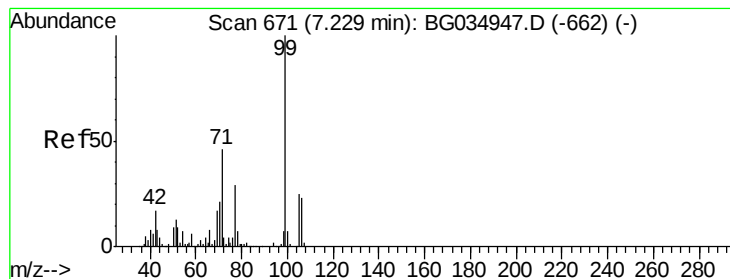


#5

2-Fluorophenol
Concen: 131.763 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035292.D
Acq: 21 Jun 2018 9:09

Tgt Ion:112 Resp: 421545
Ion Ratio Lower Upper
112 100
64 62.4 56.3 84.5
63 33.7 30.1 45.1





#7

Phenol-d6

Concen: 113.891 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035292.D

Acq: 21 Jun 2018 9:09

Instrument :

BNA_G

ClientSampleId :

SB-45-COMP

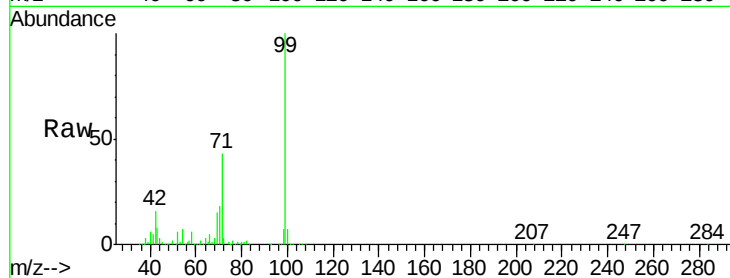
Tgt Ion: 99 Resp: 537785

Ion Ratio Lower Upper

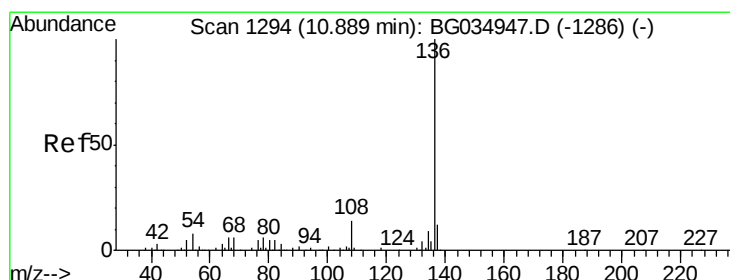
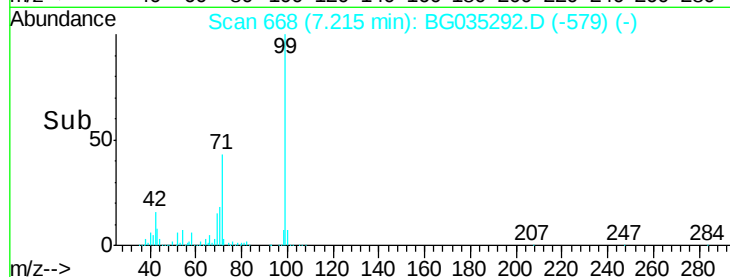
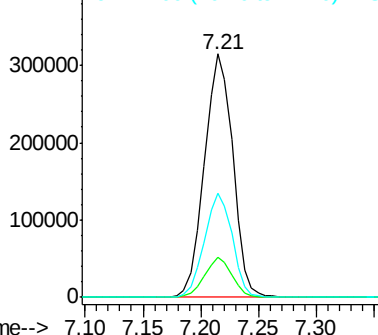
99 100

42 16.3 14.1 21.1

71 42.6 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: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG035292.D

Acq: 21 Jun 2018 9:09

Tgt Ion: 136 Resp: 182506

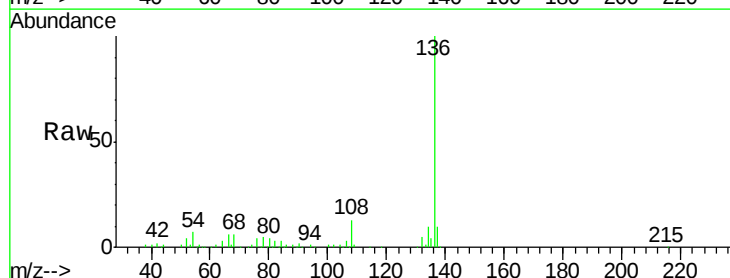
Ion Ratio Lower Upper

136 100

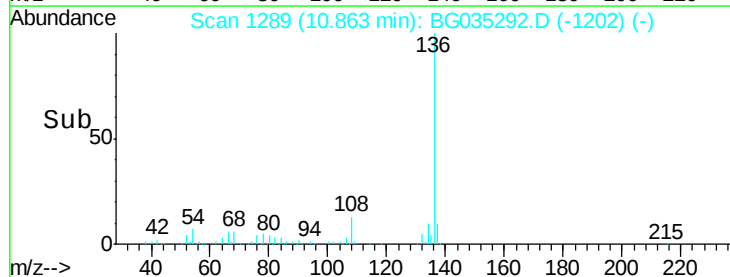
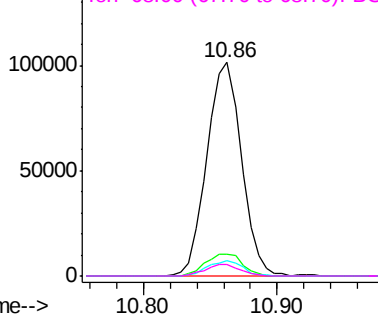
137 10.2 9.2 13.8

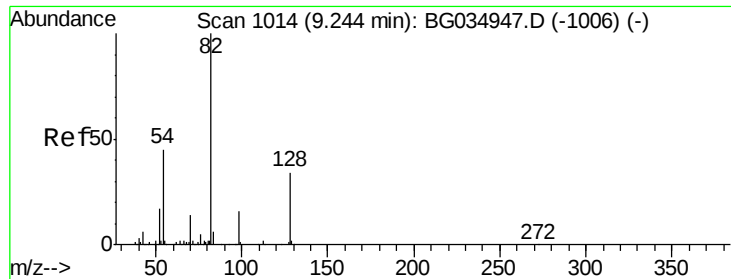
54 7.2 10.3 15.5#

68 5.6 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

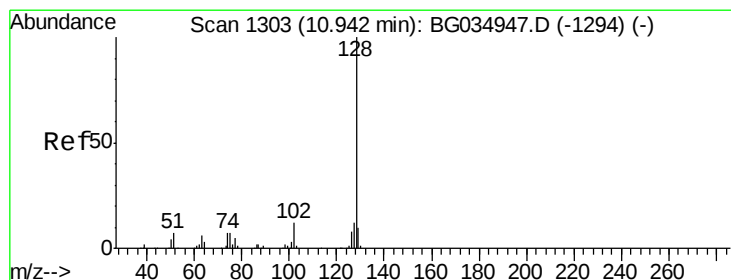
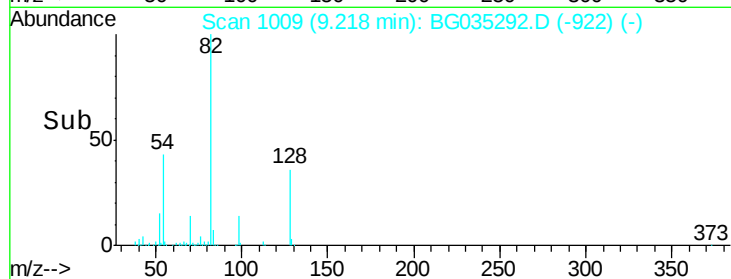
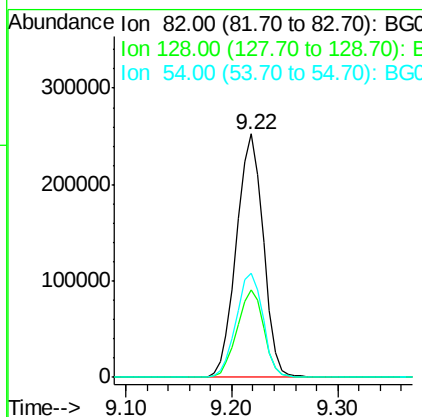
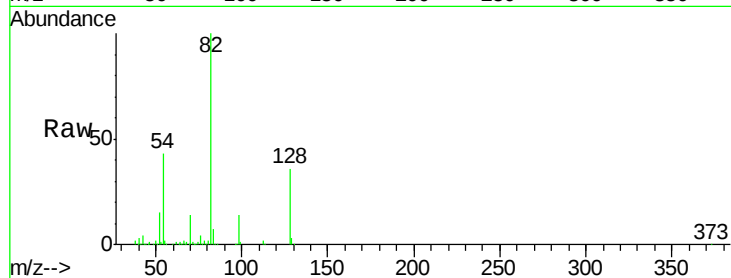




#23
 Nitrobenzene-d5
 Concen: 115.665 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035292.D
 Acq: 21 Jun 2018 9:09

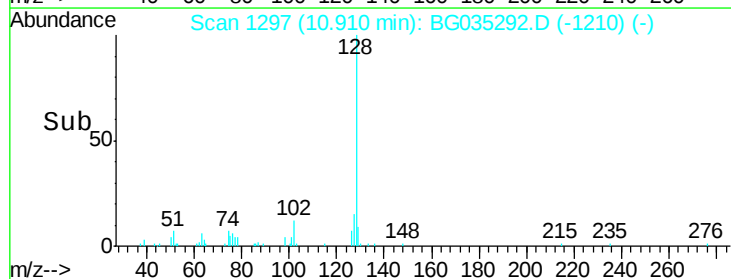
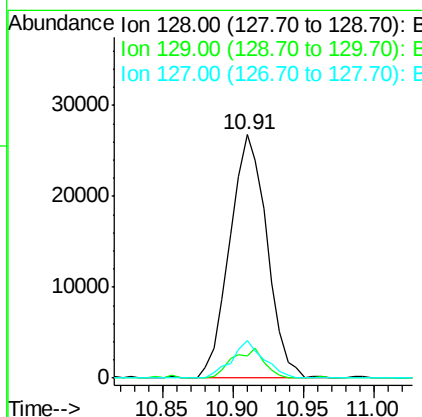
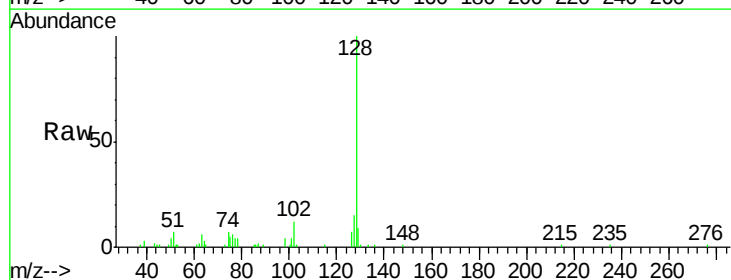
Instrument :
 BNA_G
 ClientSampleId :
 SB-45-COMP

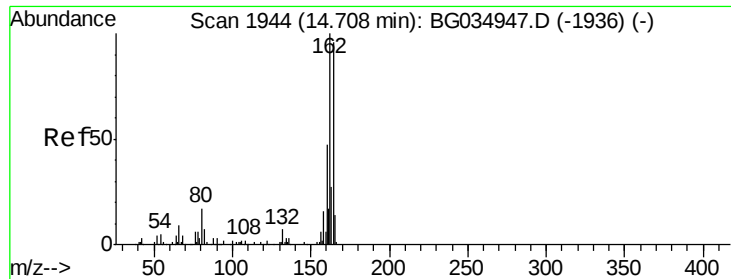
Tgt Ion: 82 Resp: 444089
 Ion Ratio Lower Upper
 82 100
 128 36.0 29.7 44.5
 54 42.6 43.1 64.7#



#31
 Naphthalene
 Concen: 5.181 ng
 RT: 10.91 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BG035292.D
 Acq: 21 Jun 2018 9:09

Tgt Ion: 128 Resp: 49117
 Ion Ratio Lower Upper
 128 100
 129 9.0 8.6 12.8
 127 15.2 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035292.D

Acq: 21 Jun 2018 9:09

Instrument :

BNA_G

ClientSampleId :

SB-45-COMP

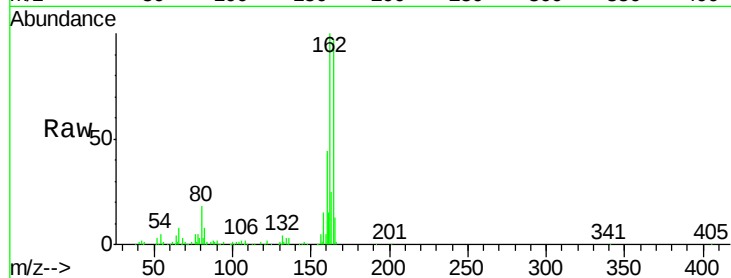
Tgt Ion:164 Resp: 125203

Ion Ratio Lower Upper

164 100

162 103.0 78.8 118.2

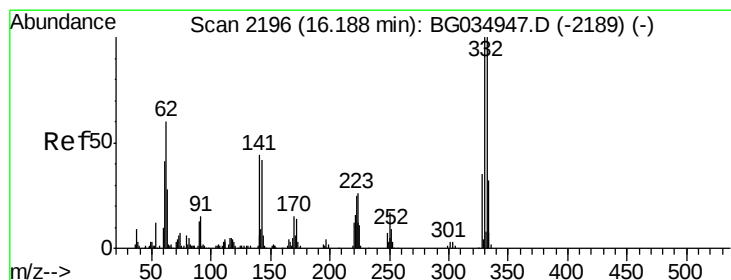
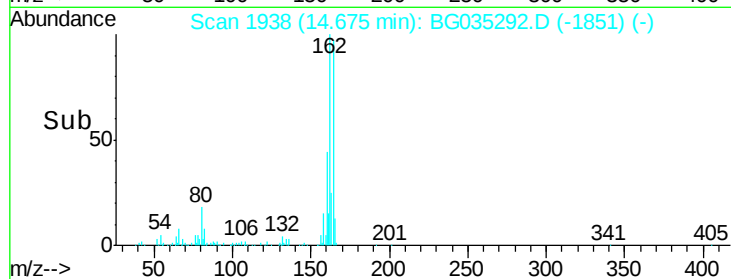
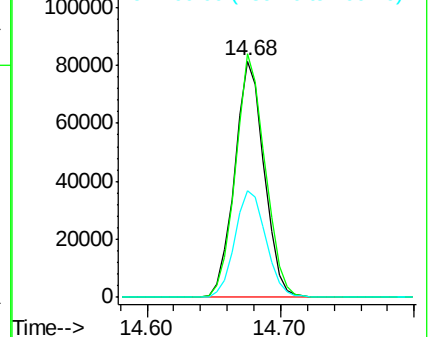
160 45.0 35.4 53.0



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: 178.807 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035292.D

Acq: 21 Jun 2018 9:09

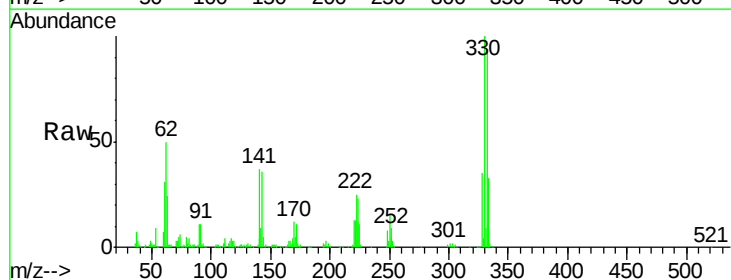
Tgt Ion:330 Resp: 286584

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

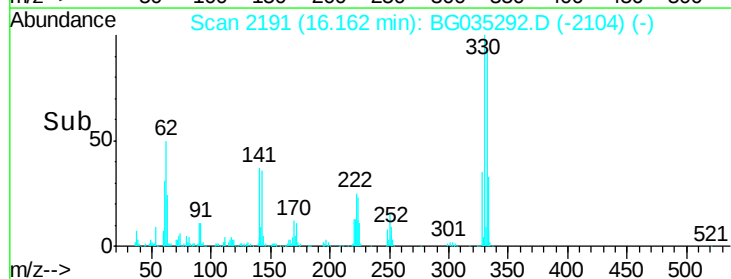
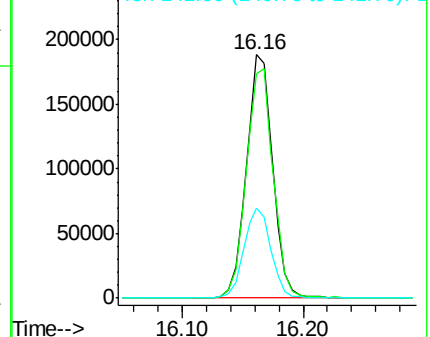
141 37.8 25.2 37.8

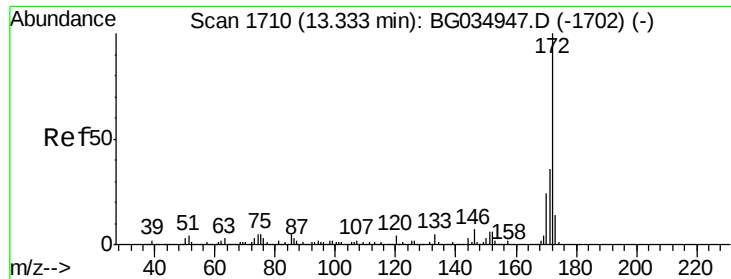


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

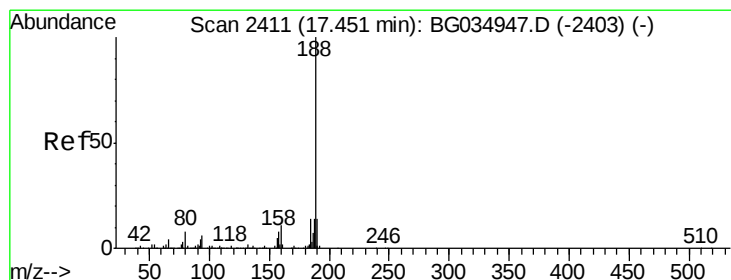
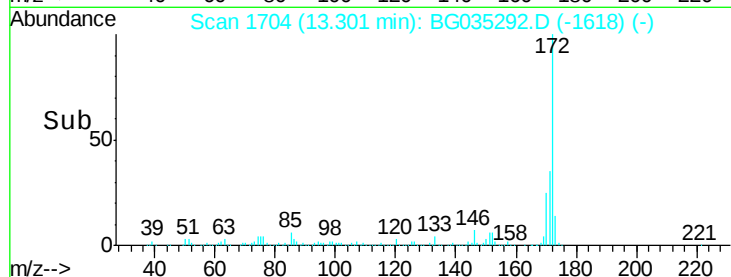
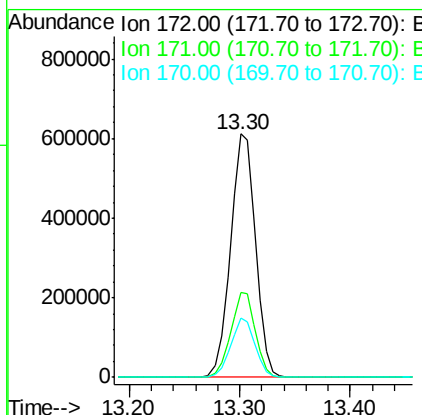
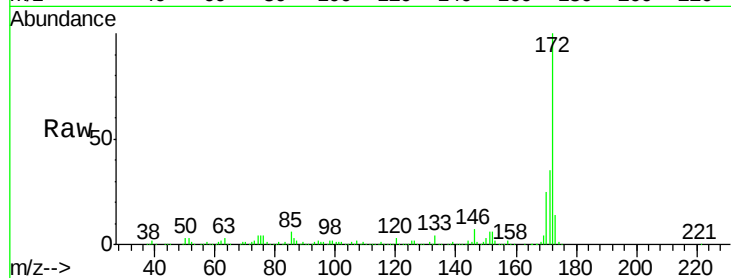




#44
 2-Fluorobiphenyl
 Concen: 100.740 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035292.D
 Acq: 21 Jun 2018 9:09

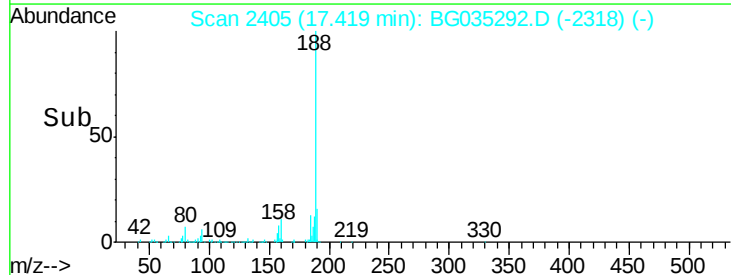
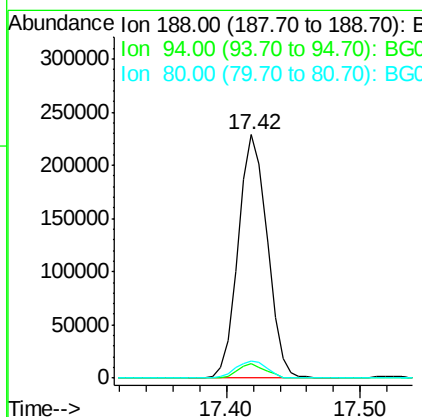
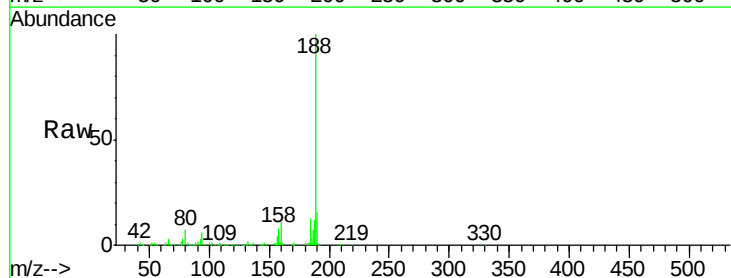
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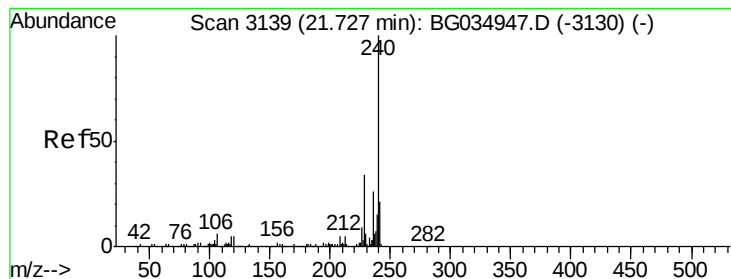
Tgt Ion:172 Resp: 970231
 Ion Ratio Lower Upper
 172 100
 171 34.7 30.0 45.0
 170 24.6 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.02 min
 Lab File: BG035292.D
 Acq: 21 Jun 2018 9:09

Tgt Ion:188 Resp: 344016
 Ion Ratio Lower Upper
 188 100
 94 5.9 6.9 10.3#
 80 6.8 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.03 min

Lab File: BG035292.D

Acq: 21 Jun 2018 9:09

Instrument :

BNA_G

ClientSampleId :

SB-45-COMP

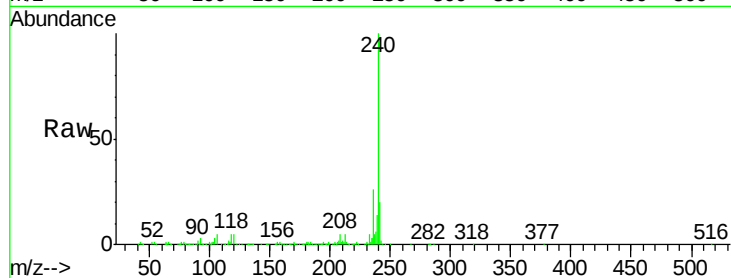
Tgt Ion:240 Resp: 374523

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

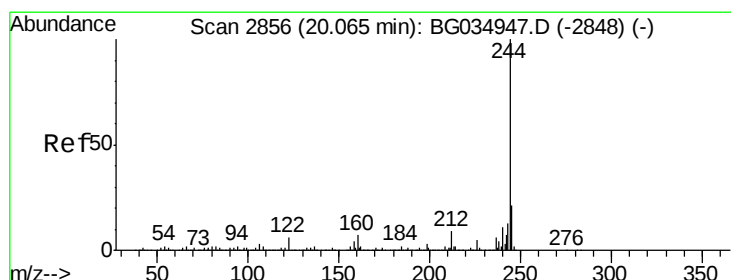
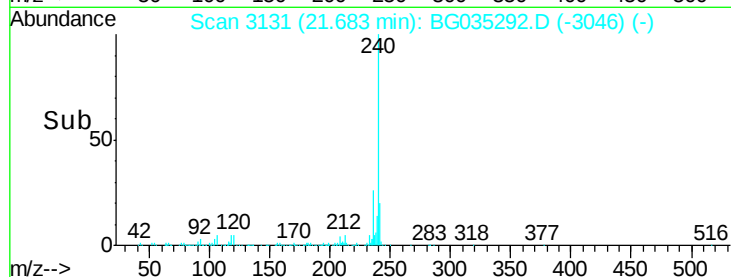
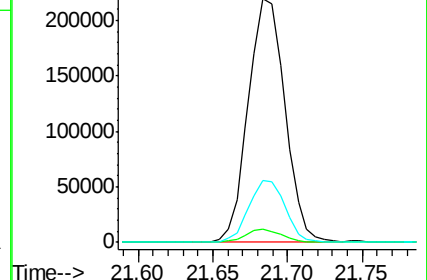
236 25.6 20.9 31.3



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: 99.617 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035292.D

Acq: 21 Jun 2018 9:09

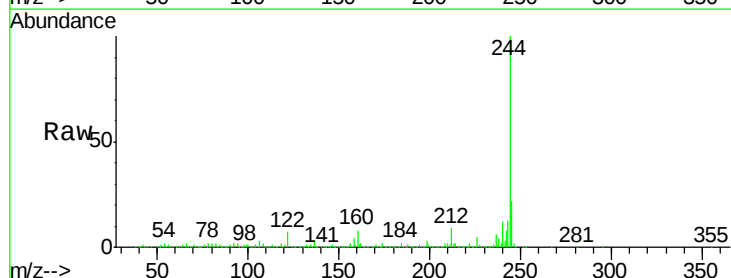
Tgt Ion:244 Resp: 1781134

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

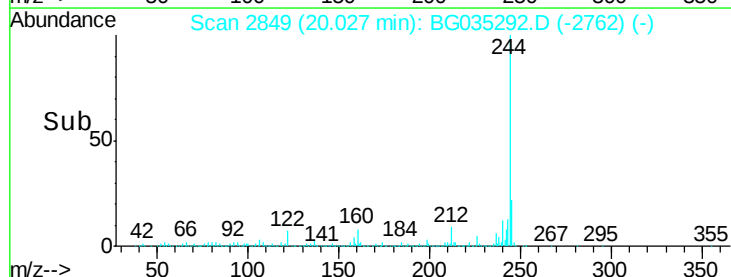
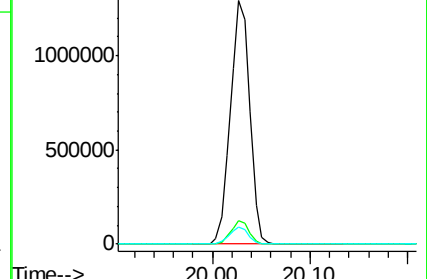
122 7.2 7.0 10.4

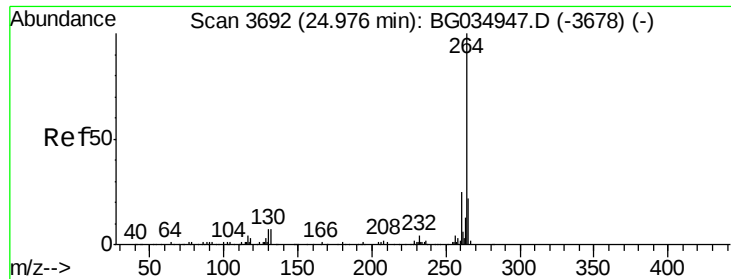


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.91 min Scan# 3680
Delta R.T. -0.04 min
Lab File: BG035292.D
Acq: 21 Jun 2018 9:09

Instrument :
BNA_G
ClientSampleId :
SB-45-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.2	17.4	26.0
265	19.8	17.7	26.5

