

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062718\
 Data File : BG035452.D
 Acq On : 27 Jun 2018 19:33
 Operator : JU/SJ
 Sample : J3251-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-062518

Quant Time: Jun 28 01:02:06 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

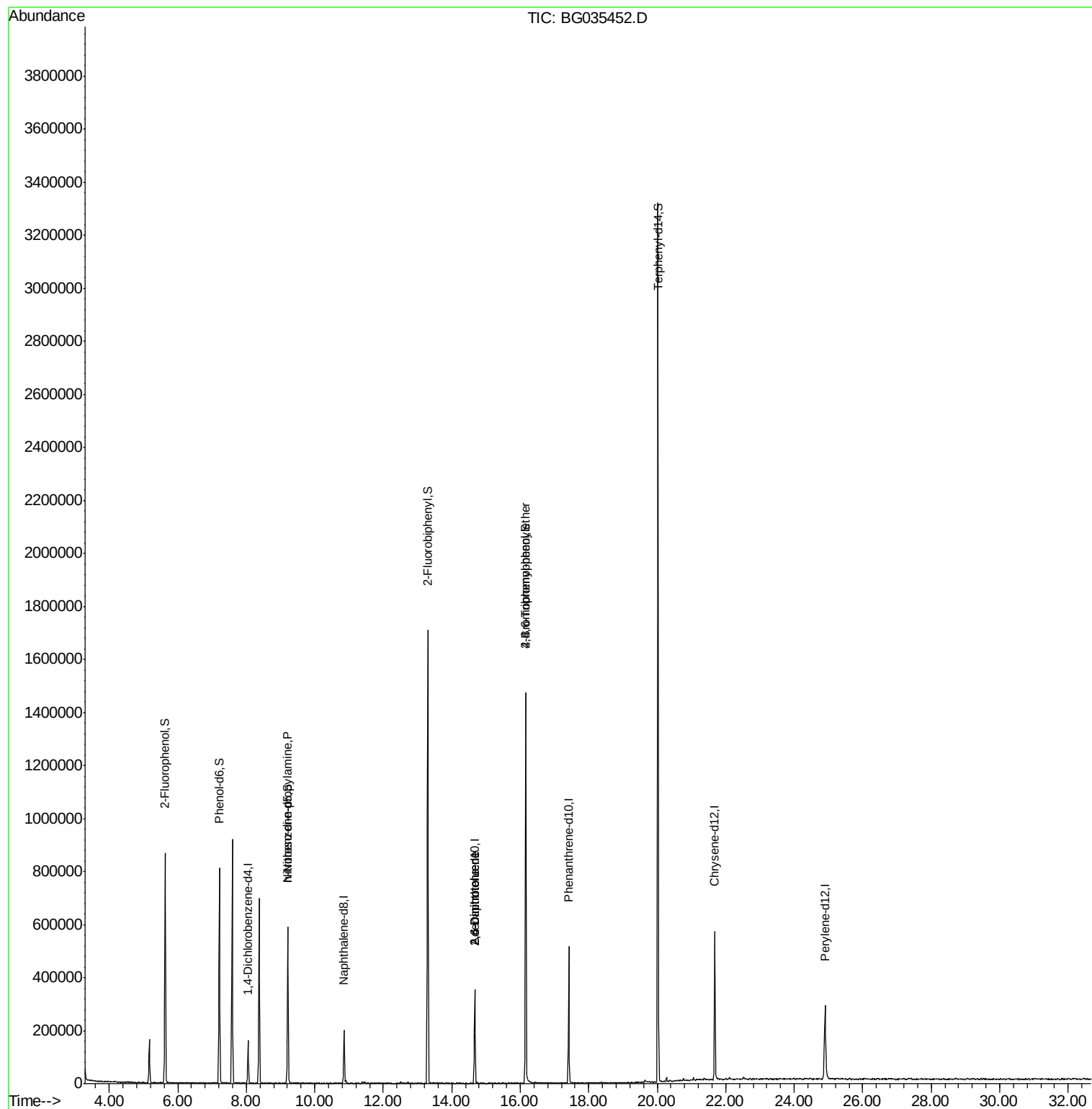
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	45298	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	167214	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	123171	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	331617	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	367676	20.00	ng	-0.04
86) Perylene-d12	24.89	264	342774	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	371750	138.50	ng	-0.01
7) Phenol-d6	7.21	99	493566	124.59	ng	-0.01
23) Nitrobenzene-d5	9.21	82	400239	113.78	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	284152	180.21	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	908300	95.87	ng	-0.03
78) Terphenyl-d14	20.02	244	1638654	93.36	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	55053	16.357	ng	# 66
50) 2,6-Dinitrotoluene	14.67	165	17759	9.063	ng	# 19
56) 2,4-Dinitrotoluene	14.67	165	17759	6.823	ng	# 17
66) 4-Bromophenyl-phenylether	16.16	248	22531	5.642	ng	# 1

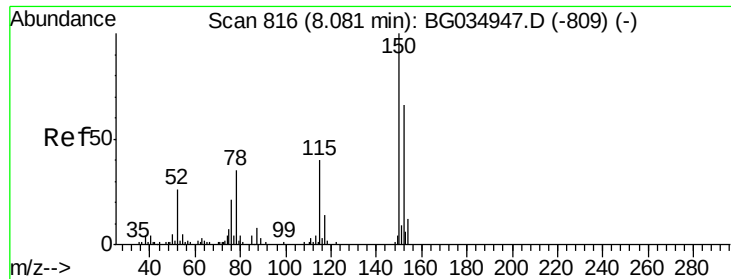
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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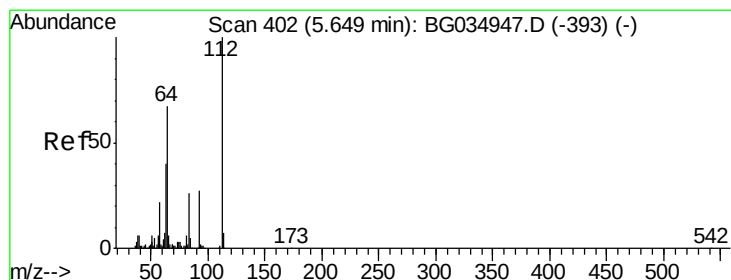
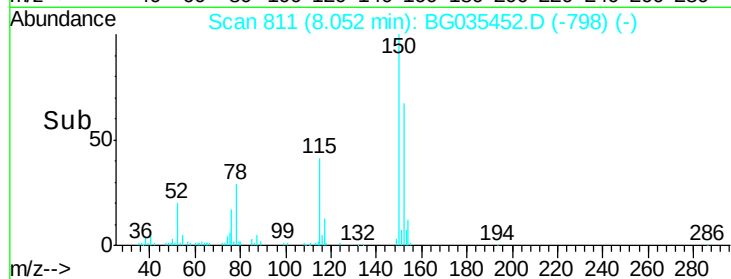
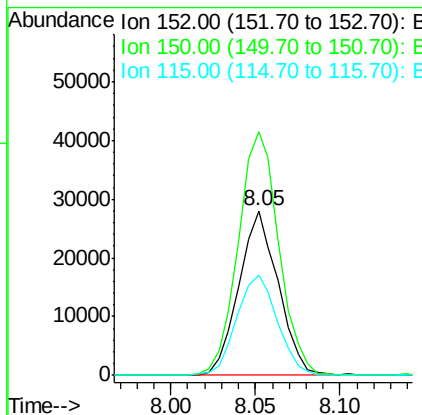
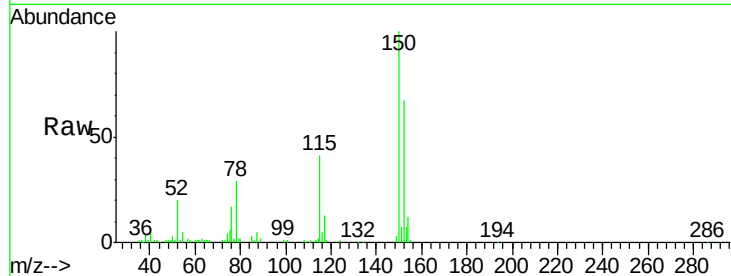


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035452.D
Acq: 27 Jun 2018 19:33

Instrument :
BNA_G
ClientSampleId :
SU-02-062518

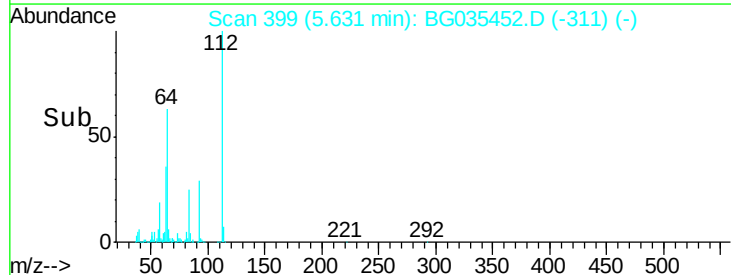
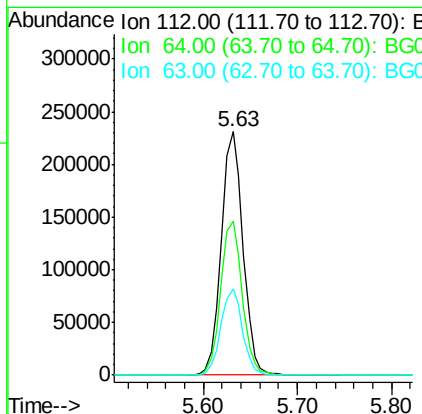
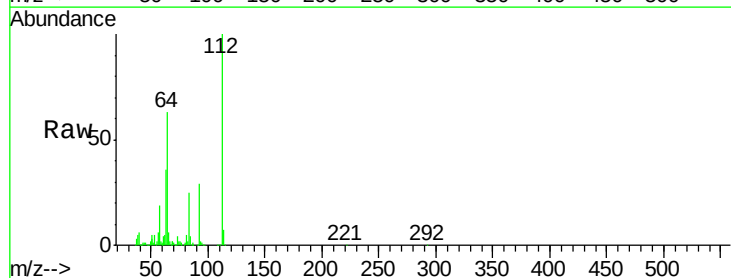
Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.2	126.6	189.8
115	60.9	53.0	79.4

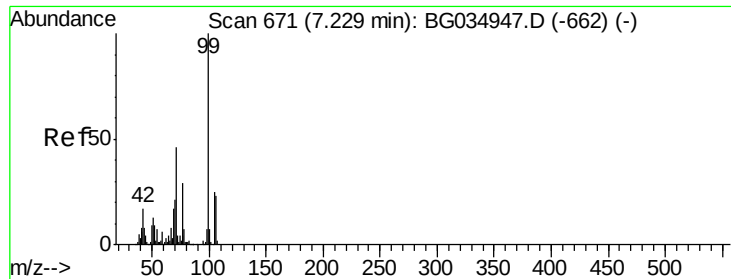


#5

2-Fluorophenol
Concen: 138.498 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035452.D
Acq: 27 Jun 2018 19:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	56.3	84.5
63	35.6	30.1	45.1





#7

Phenol-d6

Concen: 124.586 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035452.D

Acq: 27 Jun 2018 19:33

Instrument :

BNA_G

ClientSampleId :

SU-02-062518

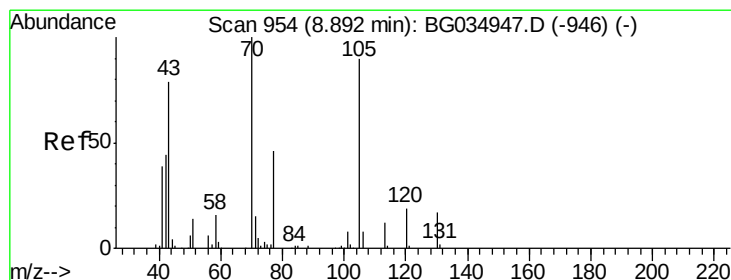
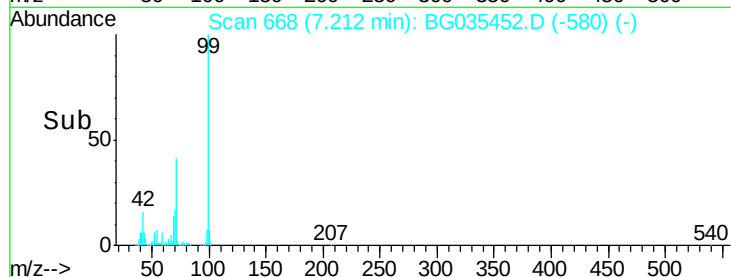
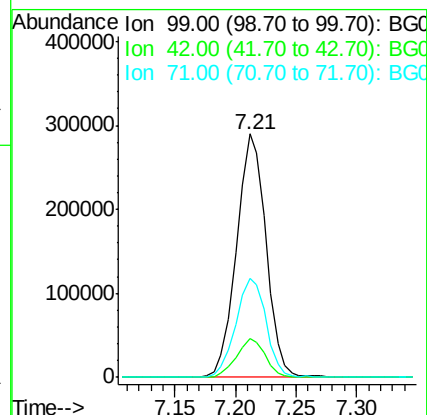
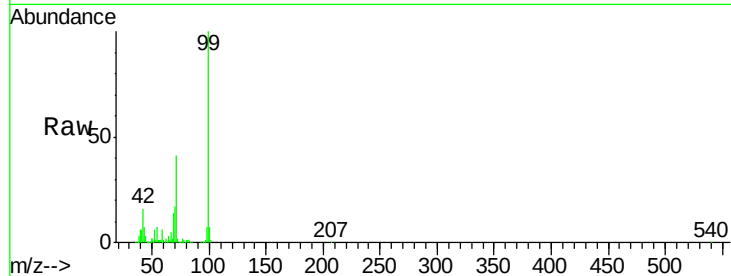
Tgt Ion: 99 Resp: 493566

Ion Ratio Lower Upper

99 100

42 16.2 14.1 21.1

71 40.8 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 16.357 ng

RT: 9.21 min Scan# 1009

Delta R.T. 0.33 min

Lab File: BG035452.D

Acq: 27 Jun 2018 19:33

Tgt Ion: 70 Resp: 55053

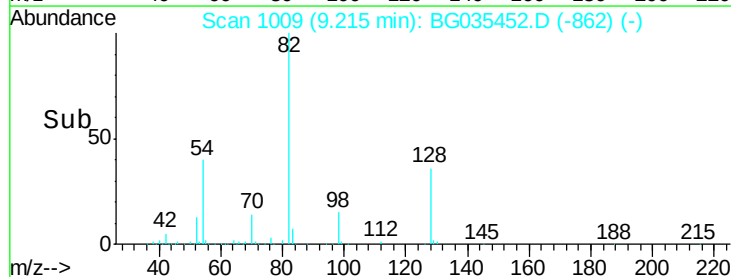
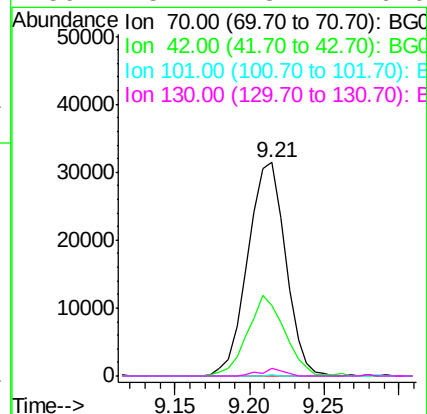
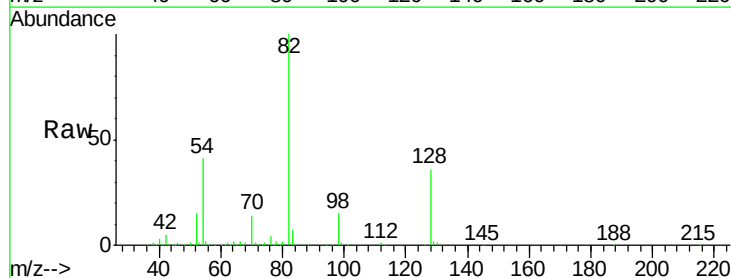
Ion Ratio Lower Upper

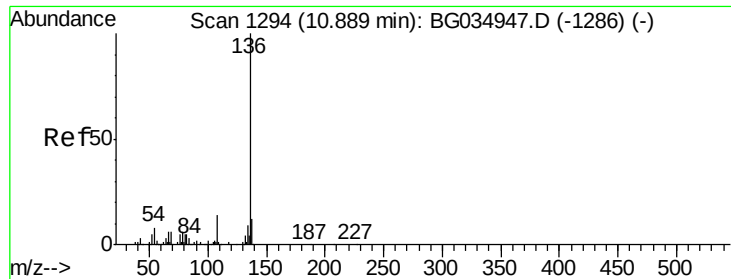
70 100

42 33.1 49.1 73.7#

101 0.5 8.5 12.7#

130 3.7 13.4 20.0#

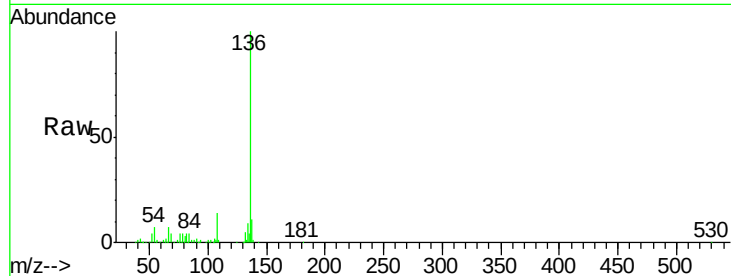




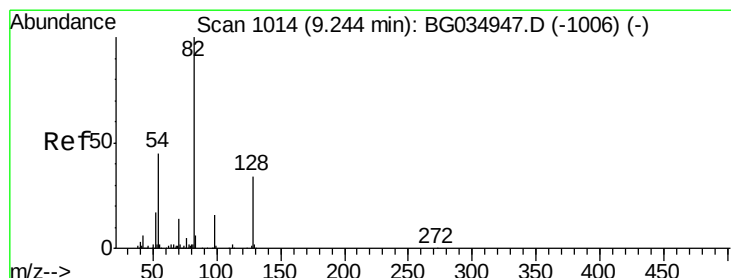
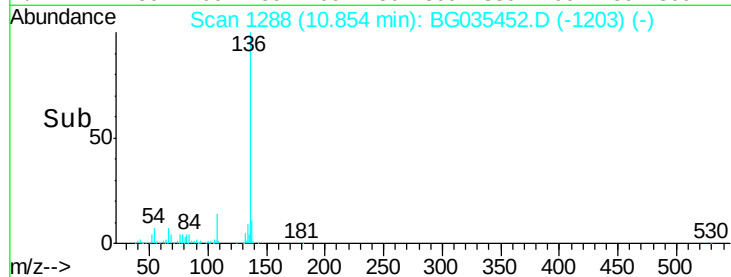
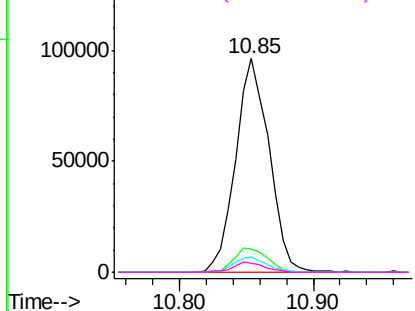
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035452.D
Acq: 27 Jun 2018 19:33

Instrument :
BNA_G
ClientSampleId :
SU-02-062518

Tgt Ion:	136	Resp:	167214
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.0	10.3	15.5#
68	4.2	4.5	6.7#

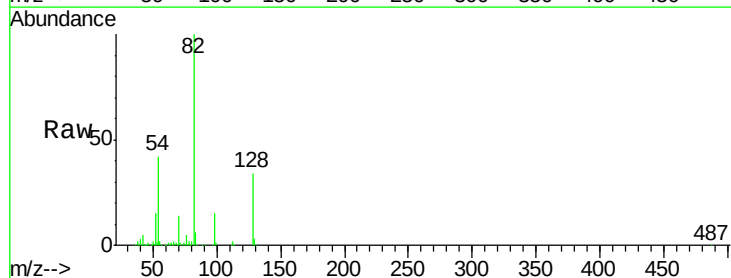


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

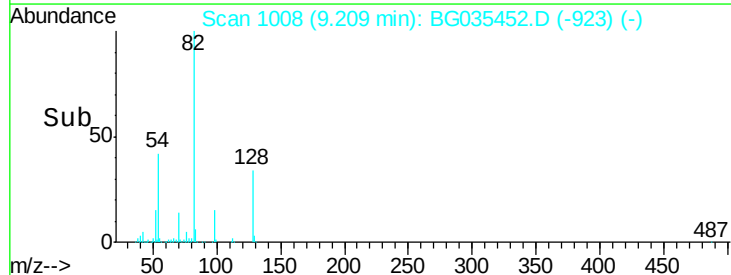
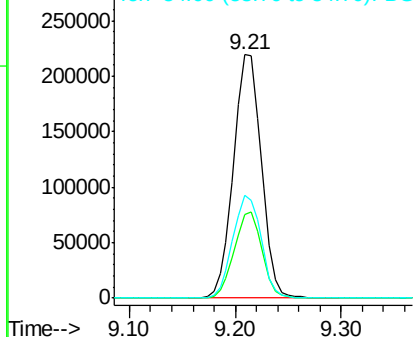


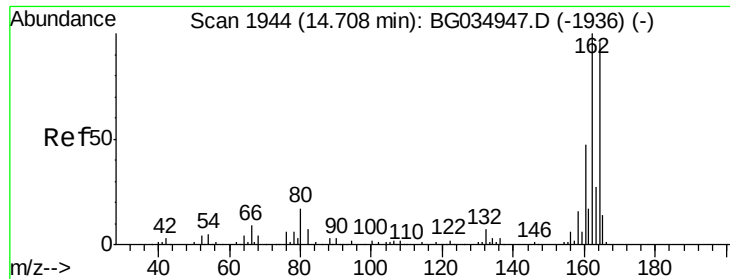
#23
Nitrobenzene-d5
Concen: 113.777 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035452.D
Acq: 27 Jun 2018 19:33

Tgt Ion:	82	Resp:	400239
Ion	Ratio	Lower	Upper
82	100		
128	34.1	29.7	44.5
54	42.5	43.1	64.7#



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035452.D

Acq: 27 Jun 2018 19:33

Instrument :

BNA_G

ClientSampleId :

SU-02-062518

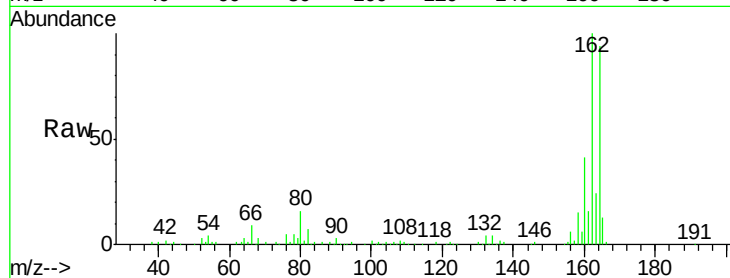
Tgt Ion:164 Resp: 123171

Ion Ratio Lower Upper

164 100

162 106.1 78.8 118.2

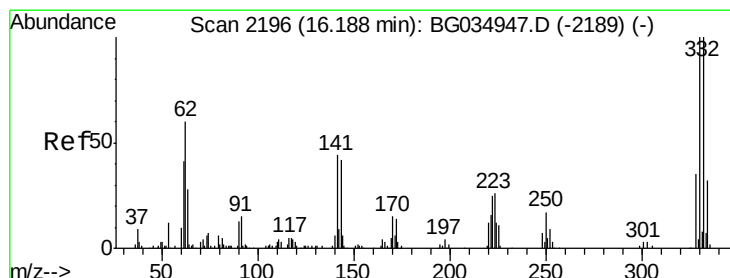
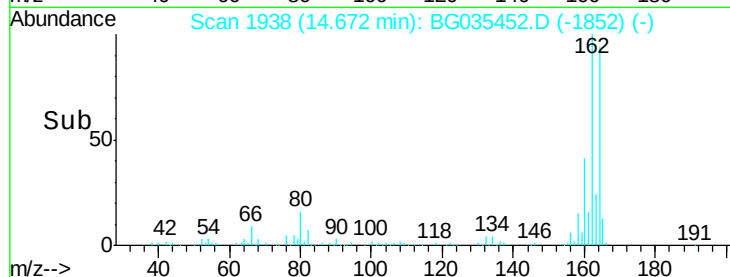
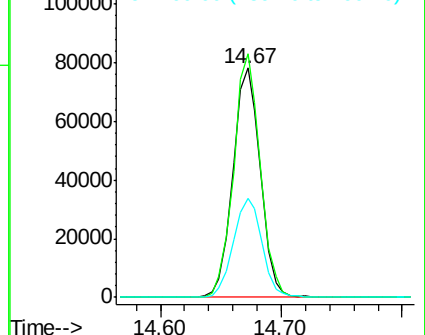
160 43.3 35.4 53.0



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: 180.214 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035452.D

Acq: 27 Jun 2018 19:33

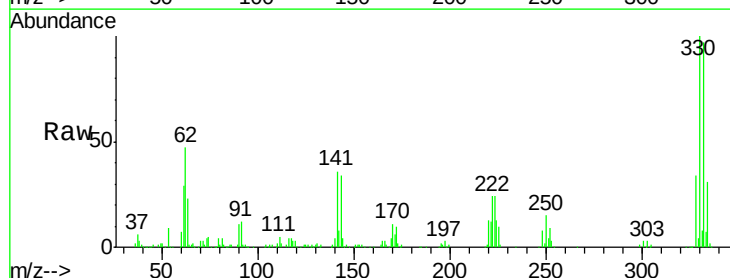
Tgt Ion:330 Resp: 284152

Ion Ratio Lower Upper

330 100

332 97.9 77.0 115.6

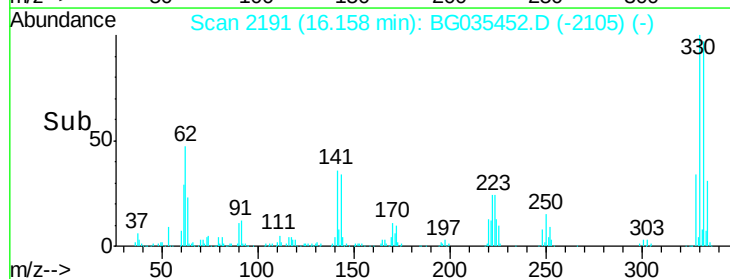
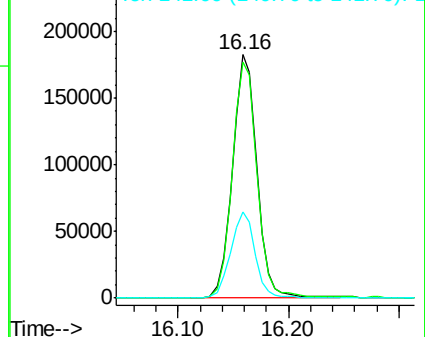
141 35.6 25.2 37.8

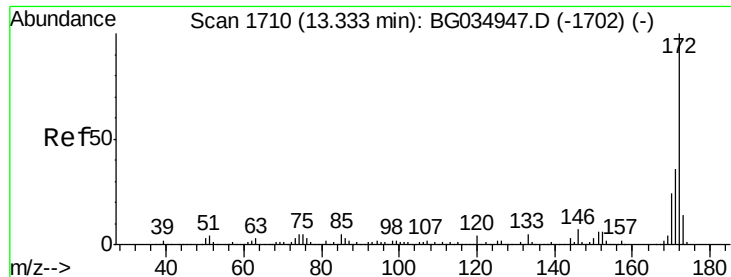


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

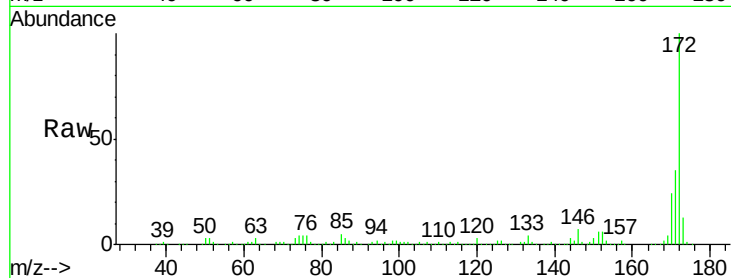




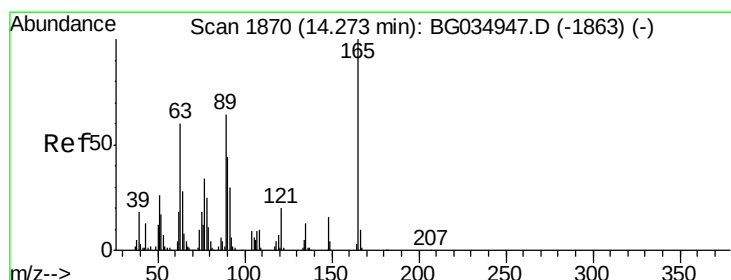
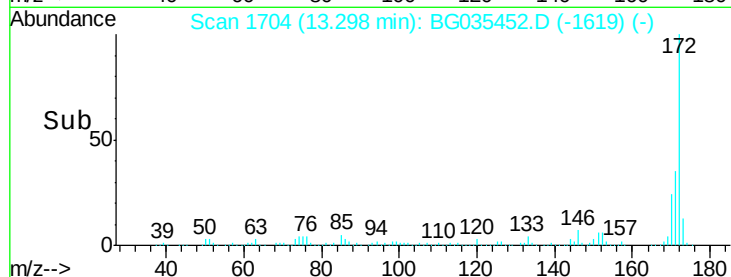
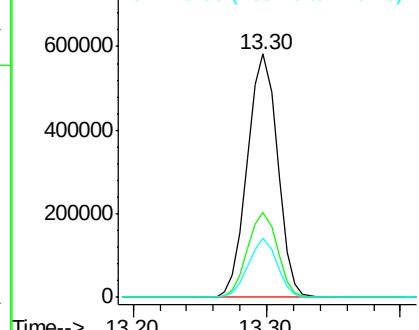
#44
 2-Fluorobiphenyl
 Concen: 95.866 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035452.D
 Acq: 27 Jun 2018 19:33

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-062518

Tgt Ion:172 Resp: 908300
 Ion Ratio Lower Upper
 172 100
 171 35.0 30.0 45.0
 170 24.2 19.5 29.3

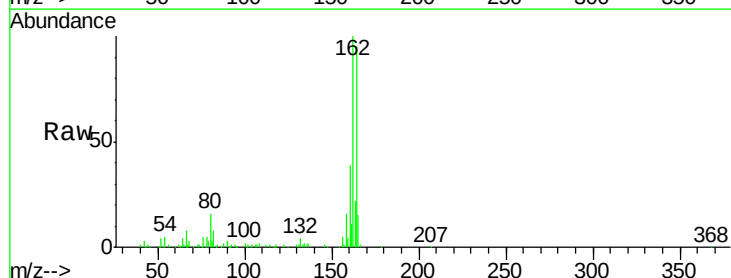


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

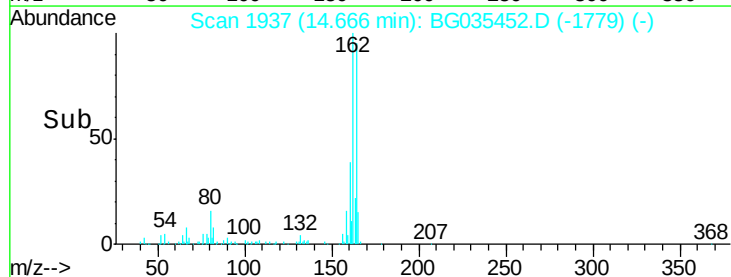
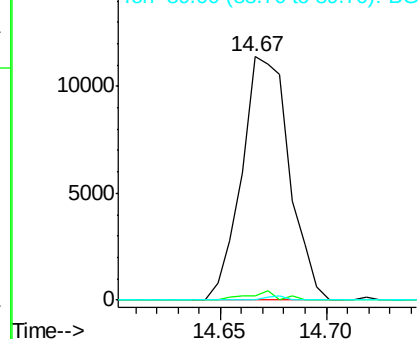


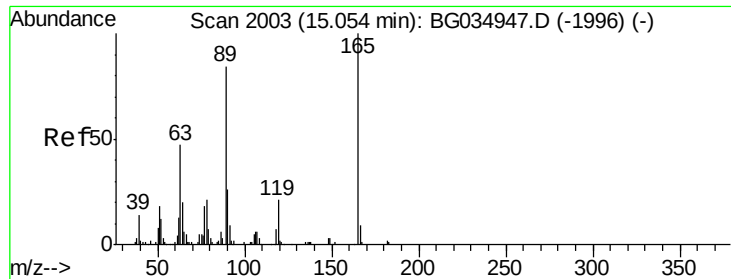
#50
 2,6-Dinitrotoluene
 Concen: 9.063 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.40 min
 Lab File: BG035452.D
 Acq: 27 Jun 2018 19:33

Tgt Ion:165 Resp: 17759
 Ion Ratio Lower Upper
 165 100
 63 1.8 52.7 79.1#
 89 0.0 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

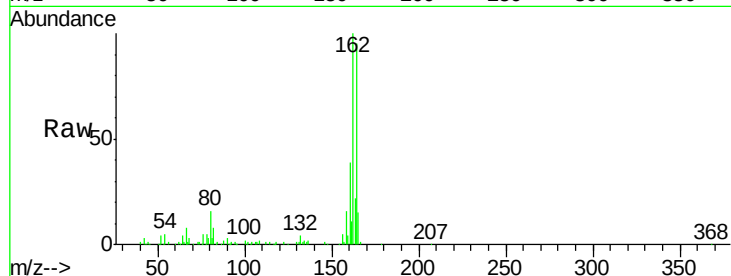




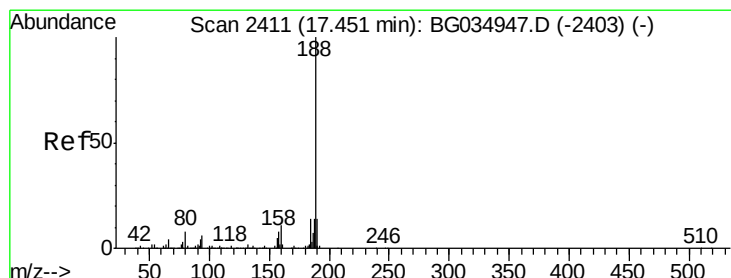
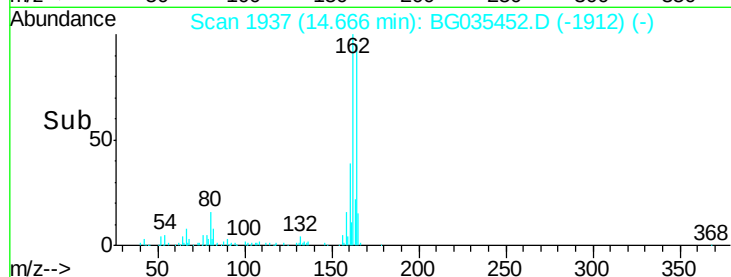
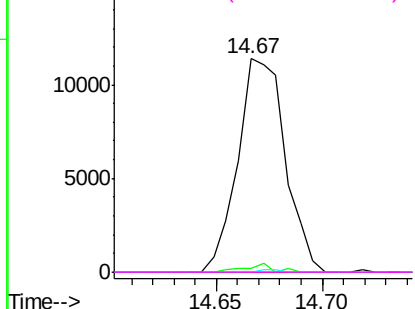
#56
2,4-Dinitrotoluene
Concen: 6.823 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.38 min
Lab File: BG035452.D
Acq: 27 Jun 2018 19:33

Instrument :
BNA_G
ClientSampleId :
SU-02-062518

Tgt Ion:165 Resp: 17759
Ion Ratio Lower Upper
165 100
63 1.8 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#

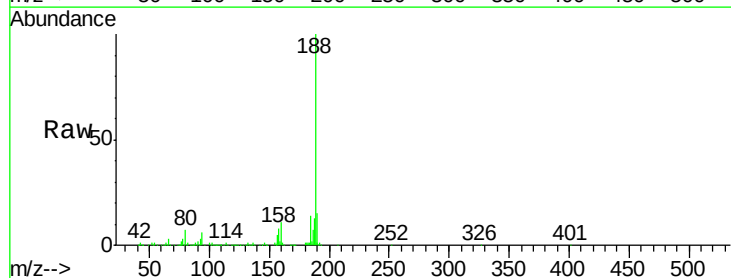


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

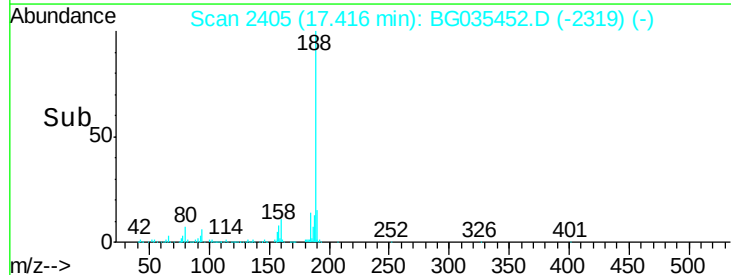
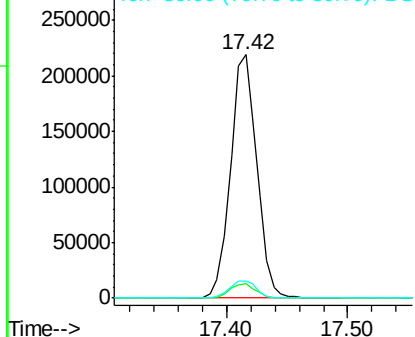


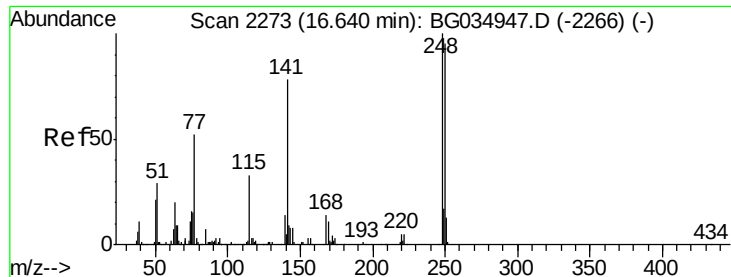
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035452.D
Acq: 27 Jun 2018 19:33

Tgt Ion:188 Resp: 331617
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 7.0 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

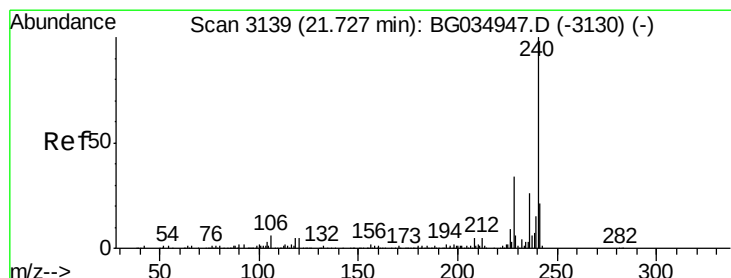
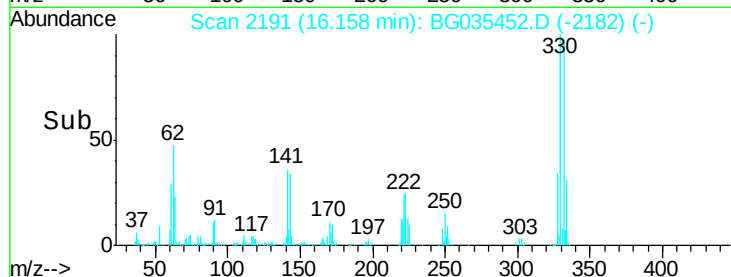
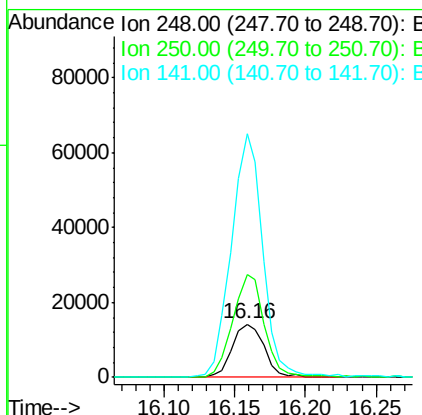
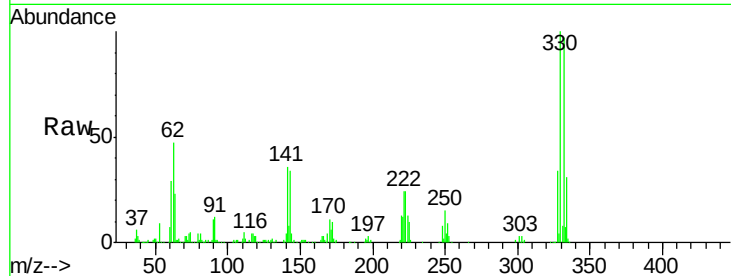




#66
4-Bromophenyl-phenylether
Concen: 5.642 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.48 min
Lab File: BG035452.D
Acq: 27 Jun 2018 19:33

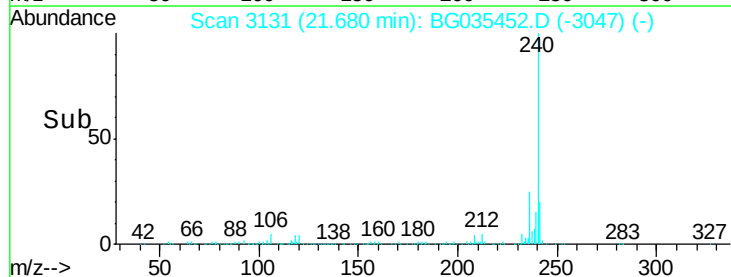
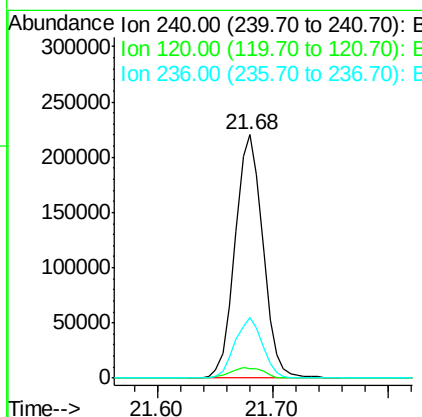
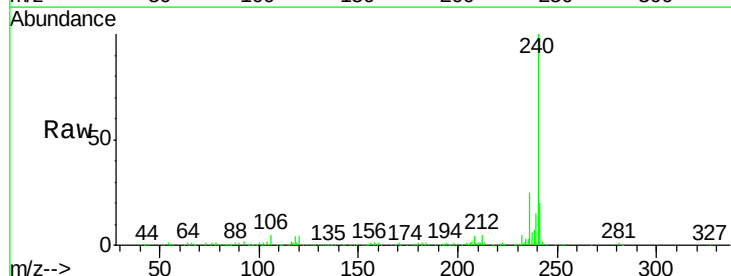
Instrument :
BNA_G
ClientSampleId :
SU-02-062518

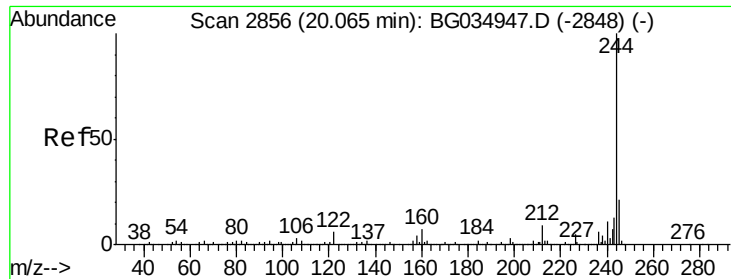
Tgt Ion:248 Resp: 22531
Ion Ratio Lower Upper
248 100
250 193.5 77.1 115.7#
141 456.1 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035452.D
Acq: 27 Jun 2018 19:33

Tgt Ion:240 Resp: 367676
Ion Ratio Lower Upper
240 100
120 4.1 6.8 10.2#
236 24.8 20.9 31.3





#78

Terphenyl-d14

Concen: 93.355 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035452.D

Acq: 27 Jun 2018 19:33

Instrument :

BNA_G

ClientSampleId :

SU-02-062518

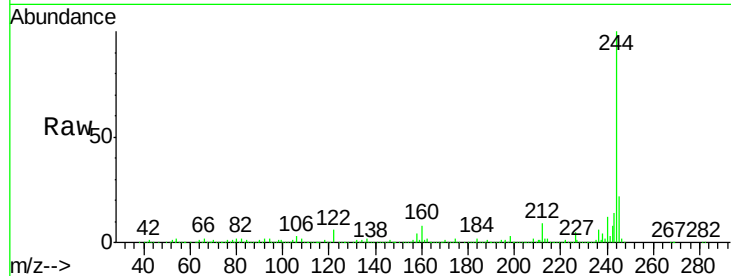
Tgt Ion:244 Resp: 1638654

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

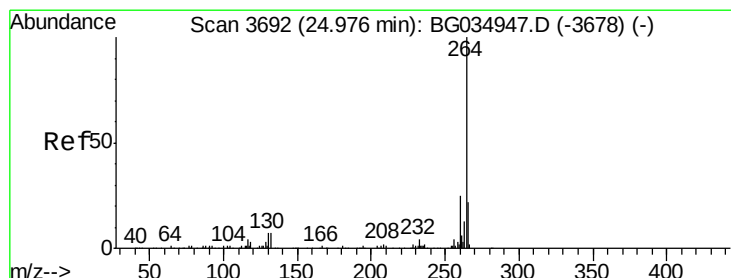
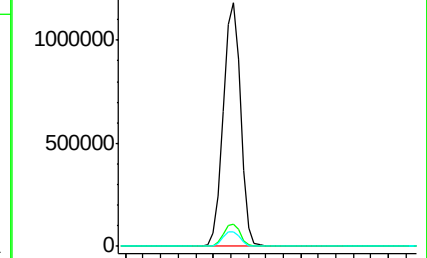
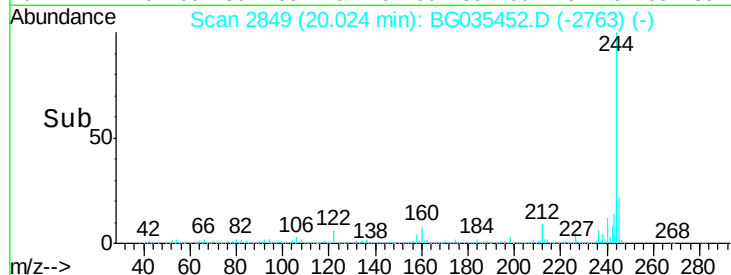
122 6.1 7.0 10.4#



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: 24.89 min Scan# 3678

Delta R.T. -0.06 min

Lab File: BG035452.D

Acq: 27 Jun 2018 19:33

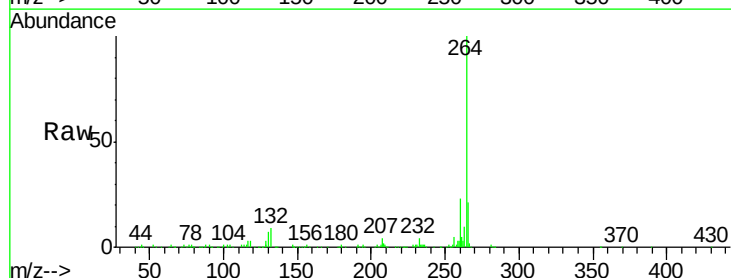
Tgt Ion:264 Resp: 342774

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 20.9 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

