

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062018\
 Data File : BG035274.D
 Acq On : 20 Jun 2018 20:13
 Operator : SJ/JU
 Sample : J3249-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 21 03:58:15 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

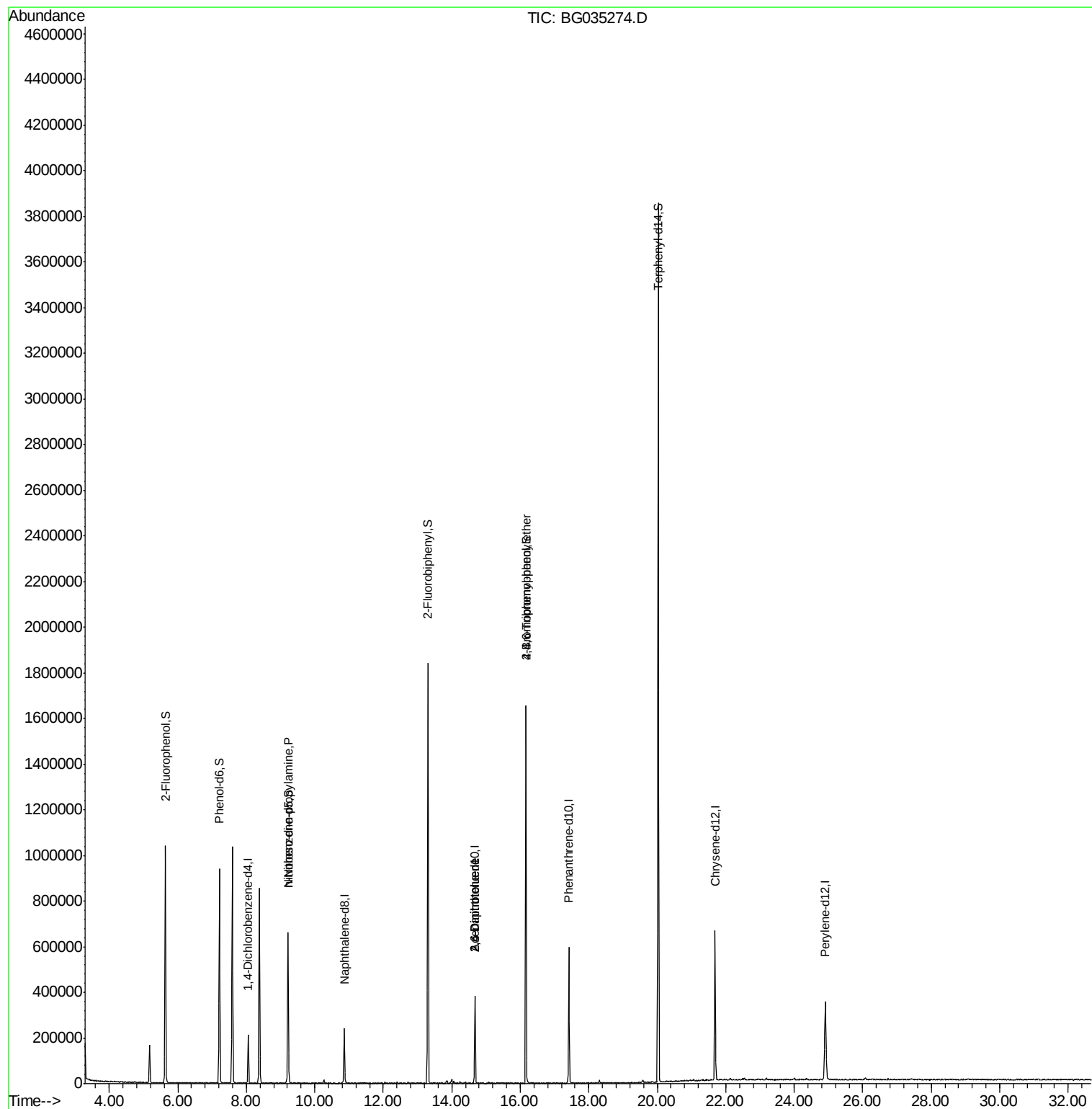
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	56520	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	201587	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	132318	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	372296	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	414614	20.00	ng	-0.03
86) Perylene-d12	24.91	264	389615	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	448488	133.91	ng	0.00
7) Phenol-d6	7.22	99	567346	114.78	ng	0.00
23) Nitrobenzene-d5	9.22	82	442393	104.32	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	307987	181.83	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	975835	95.87	ng	-0.02
78) Terphenyl-d14	20.03	244	1812050	91.55	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	61103	14.550	ng	# 66
50) 2,6-Dinitrotoluene	14.68	165	18239	8.665	ng	# 21
56) 2,4-Dinitrotoluene	14.68	165	18239	6.523	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	23391	5.217	ng	# 1

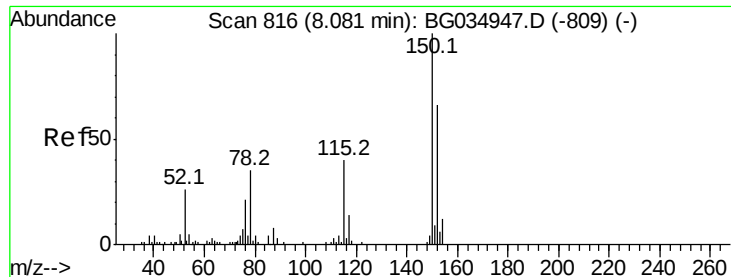
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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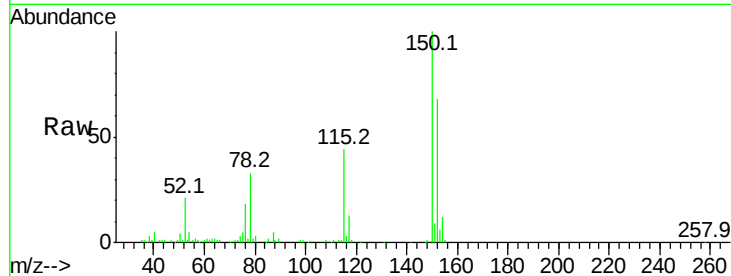


#1

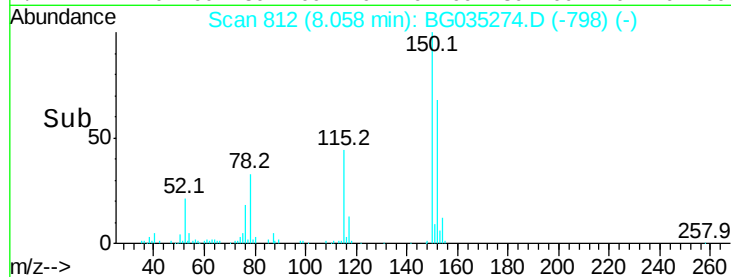
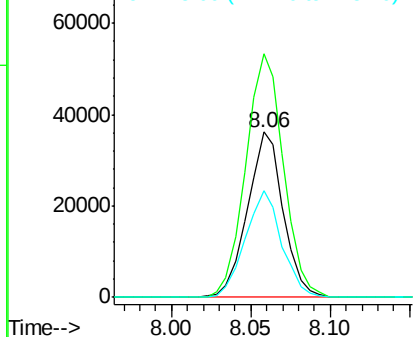
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035274.D
Acq: 20 Jun 2018 20:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 56520
Ion Ratio Lower Upper
152 100
150 147.6 126.6 189.8
115 64.3 53.0 79.4



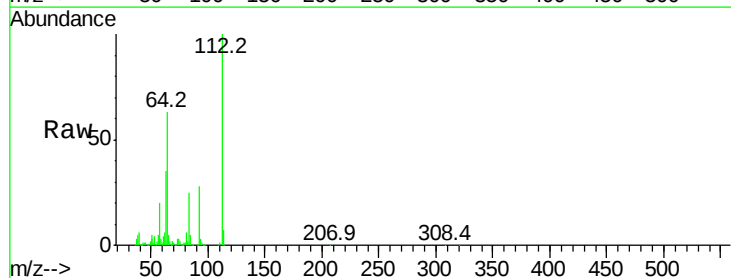
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



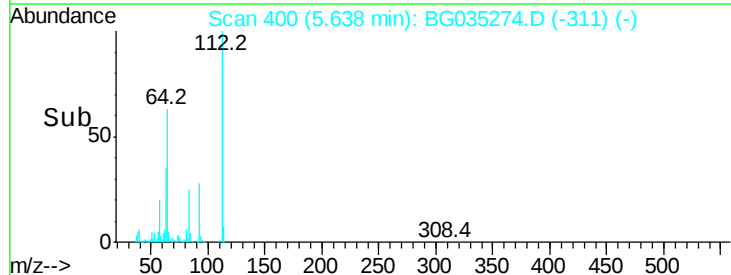
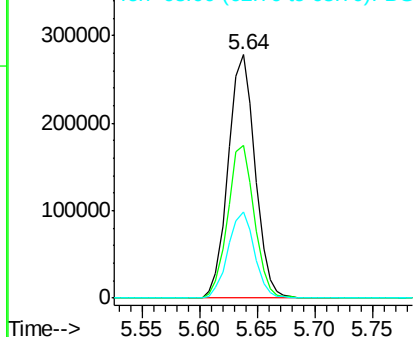
#5

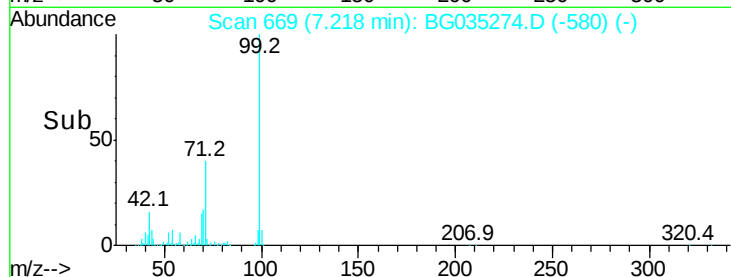
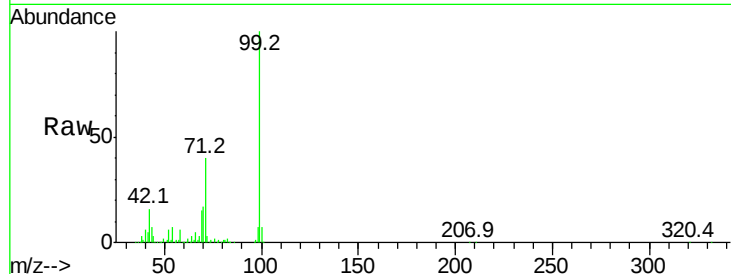
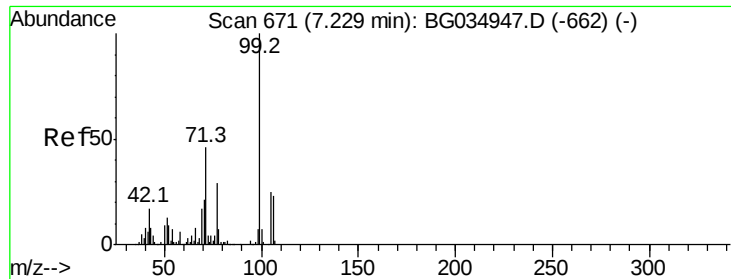
2-Fluorophenol
Concen: 133.912 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035274.D
Acq: 20 Jun 2018 20:13

Tgt Ion:112 Resp: 448488
Ion Ratio Lower Upper
112 100
64 62.8 56.3 84.5
63 35.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGO
Ion 63.00 (62.70 to 63.70): BGO





#7

Phenol-d6

Concen: 114.775 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035274.D

Acq: 20 Jun 2018 20:13

Instrument :

BNA_G

ClientSampleId :

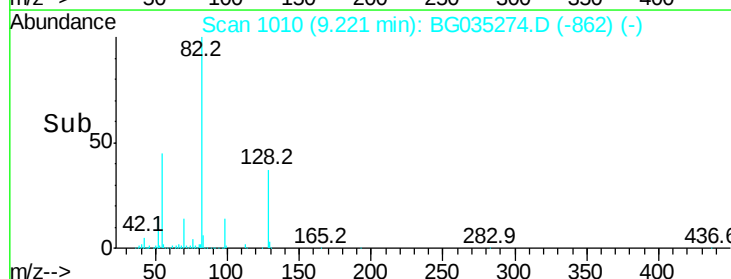
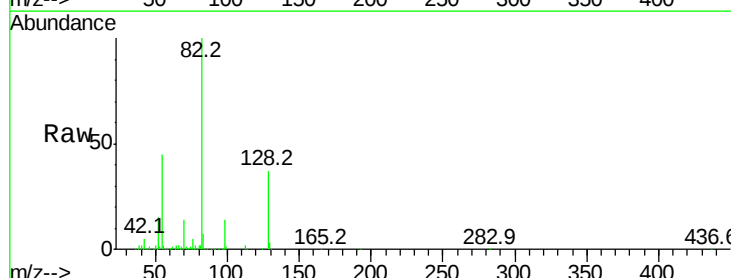
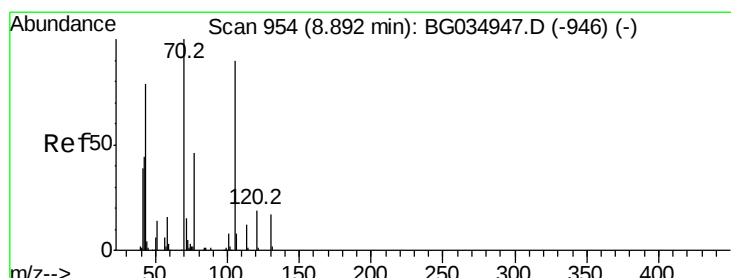
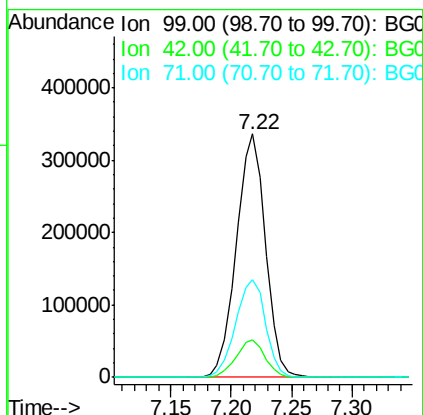
Tot Ion: 99 Resp: 567346

Ion Ratio Lower Upper

99 100

42 15.7 14.1 21.1

71 40.2 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.550 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035274.D

Acq: 20 Jun 2018 20:13

Tgt Ion: 70 Resp: 61103

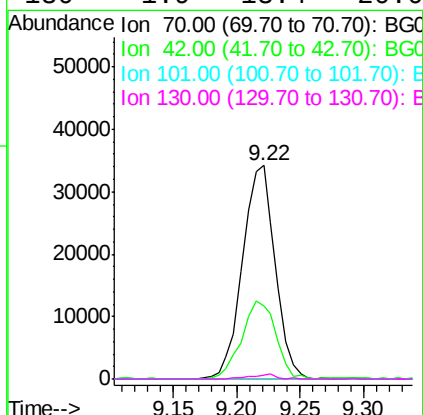
Ion Ratio Lower Upper

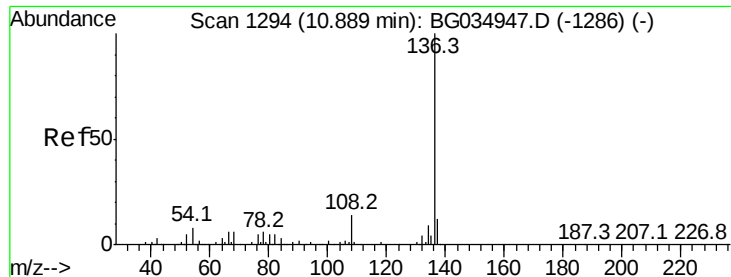
70 100

42 34.2 49.1 73.7#

101 0.0 8.5 12.7#

130 1.9 13.4 20.0#

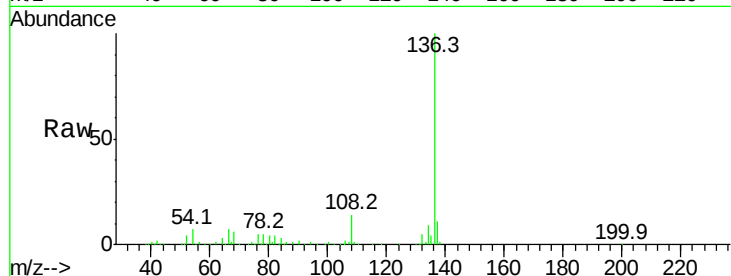




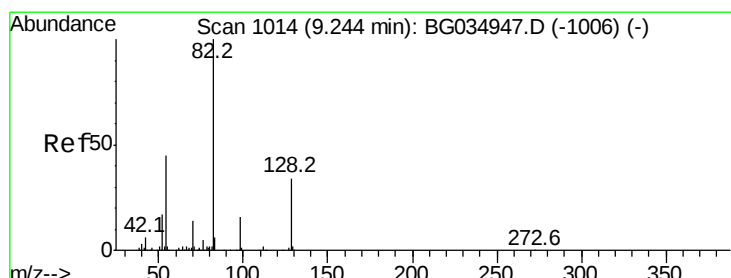
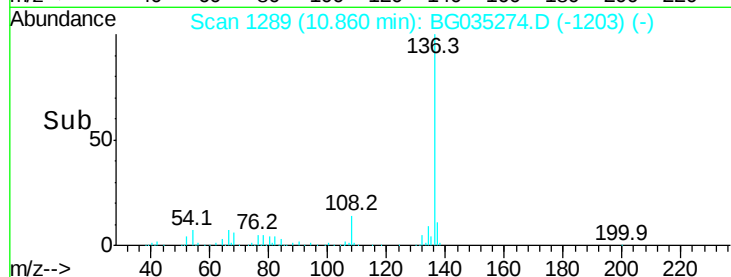
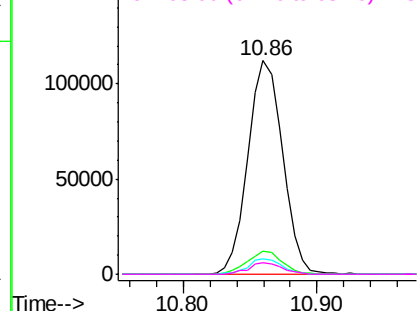
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG035274.D
Acq: 20 Jun 2018 20:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	201587
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.1	10.3	15.5
68	5.7	4.5	6.7

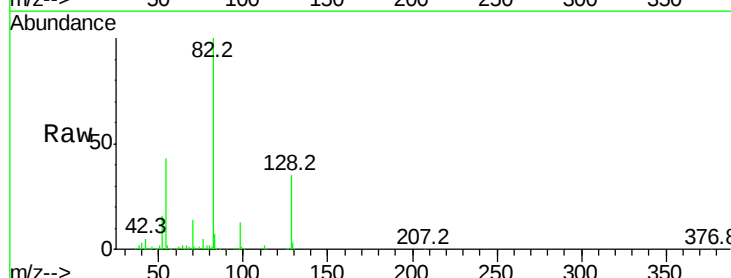


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

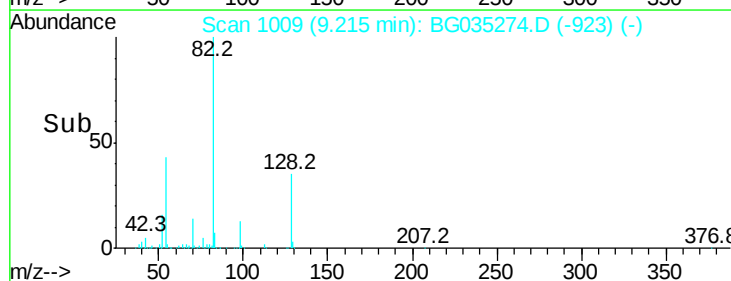
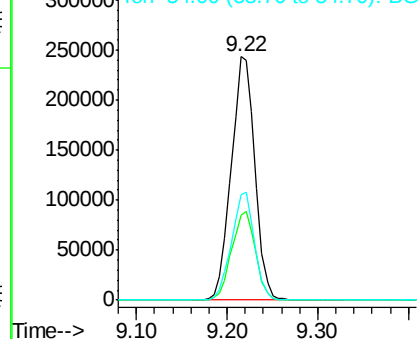


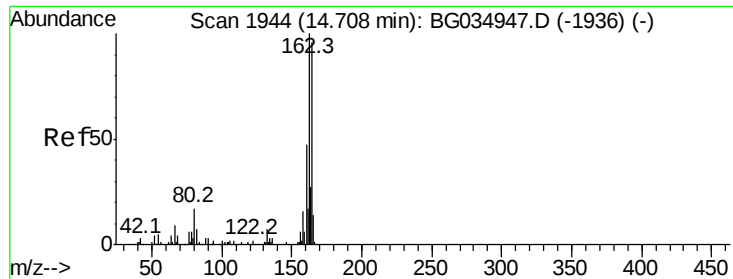
#23
Nitrobenzene-d5
Concen: 104.317 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035274.D
Acq: 20 Jun 2018 20:13

Tgt Ion:	82	Resp:	442393
Ion	Ratio	Lower	Upper
82	100		
128	34.7	29.7	44.5
54	43.3	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: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG035274.D

Acq: 20 Jun 2018 20:13

Instrument :

BNA_G

ClientSampleId :

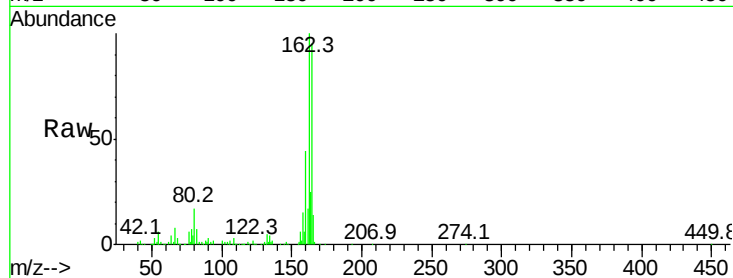
Tot Ion:164 Resp: 132318

Ion Ratio Lower Upper

164 100

162 105.0 78.8 118.2

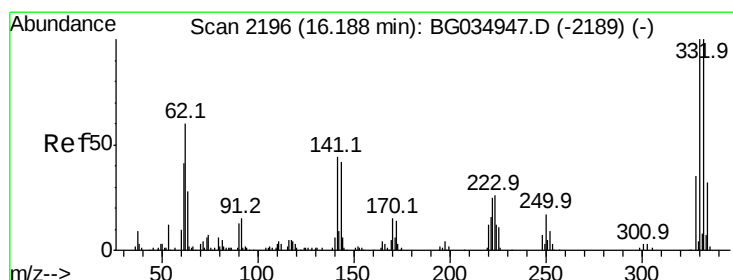
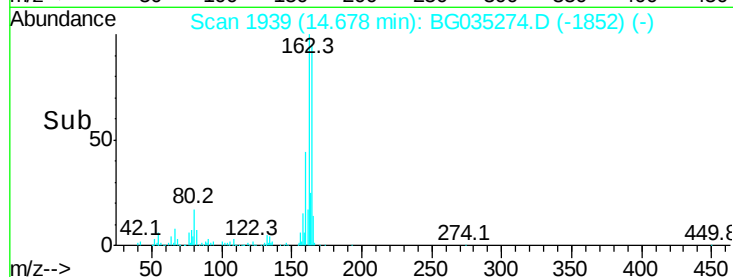
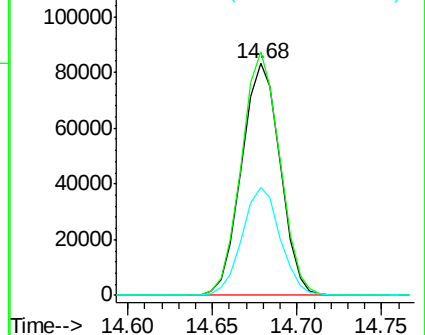
160 46.5 35.4 53.0



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: 181.828 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035274.D

Acq: 20 Jun 2018 20:13

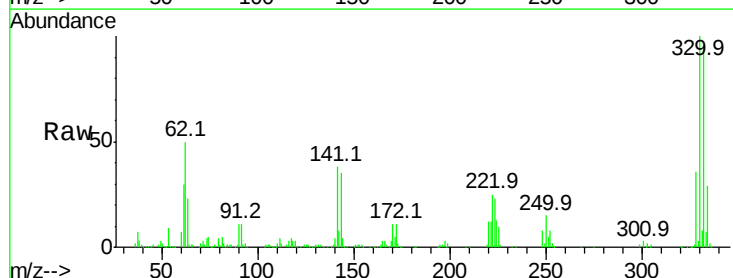
Tgt Ion:330 Resp: 307987

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

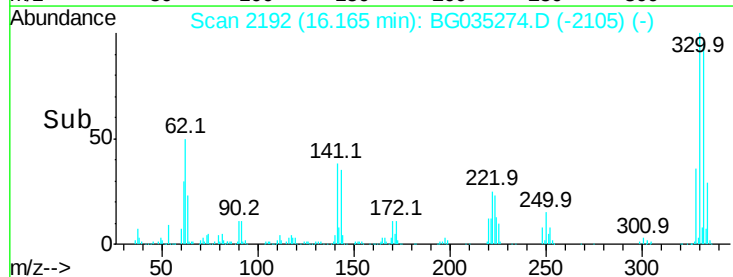
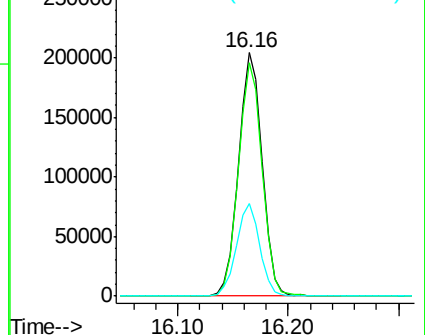
141 37.4 25.2 37.8

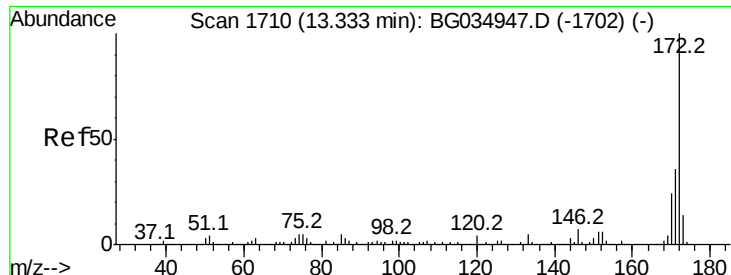


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

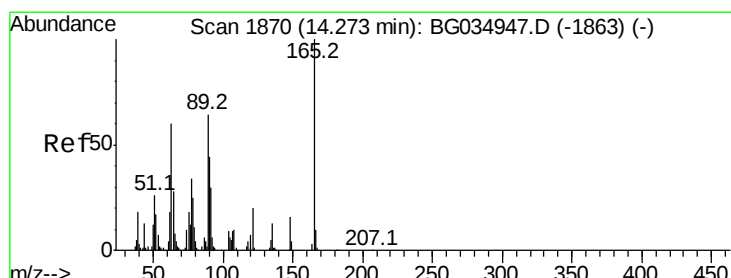
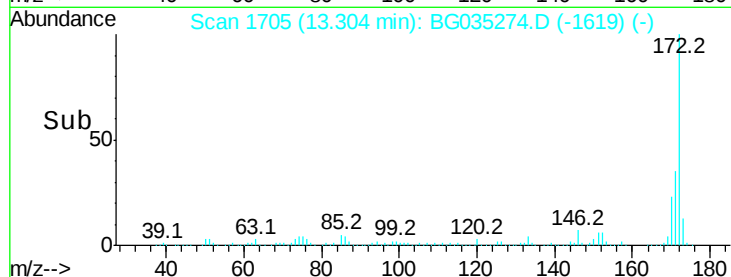
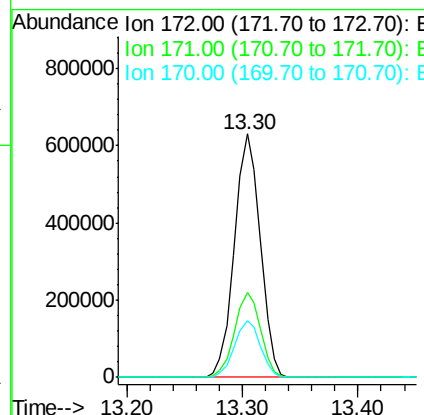
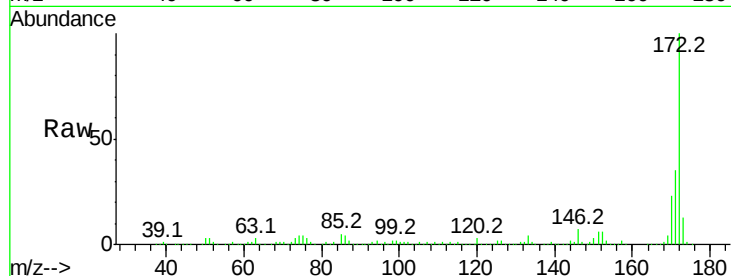




#44
 2-Fluorobiphenyl
 Concen: 95.874 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035274.D
 Acq: 20 Jun 2018 20:13

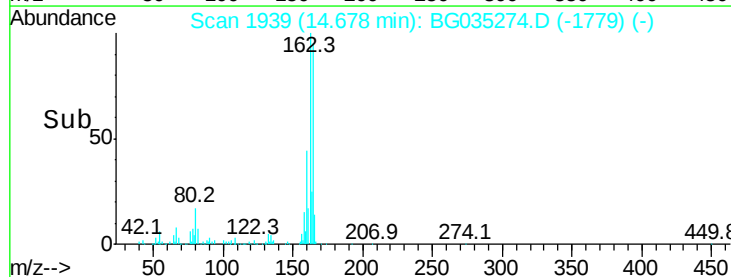
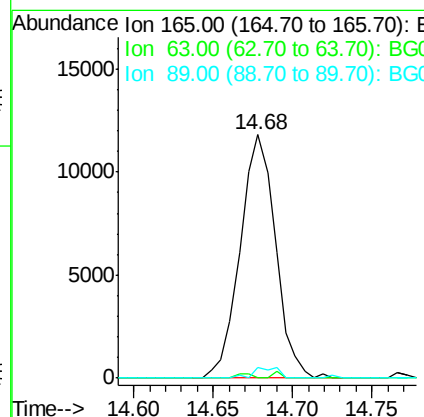
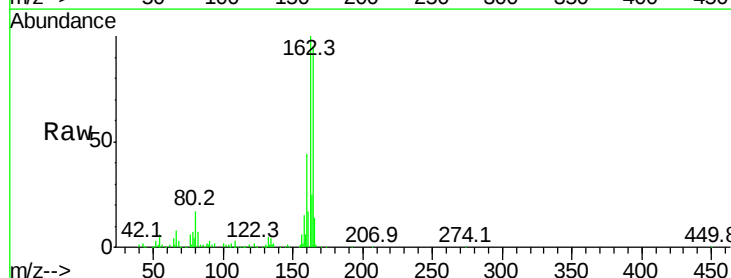
Instrument :
 BNA_G
 ClientSampleId :

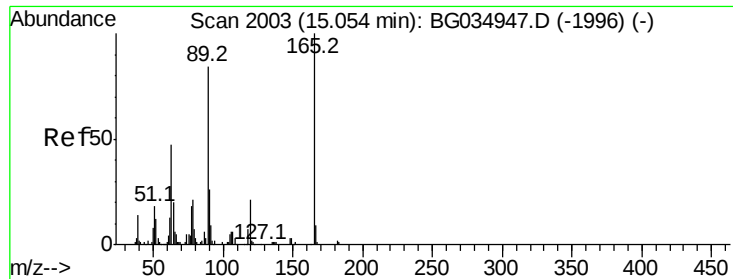
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.0	45.0
170	23.4	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.665 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.41 min
 Lab File: BG035274.D
 Acq: 20 Jun 2018 20:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	4.3	49.2	73.8#

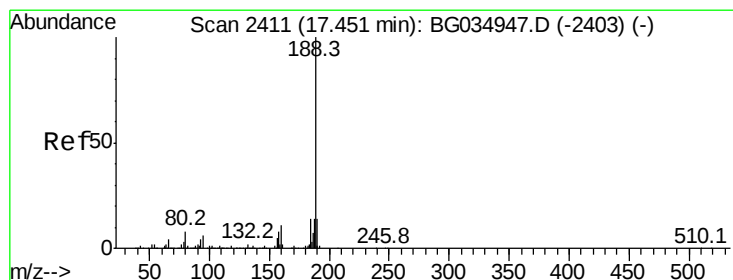
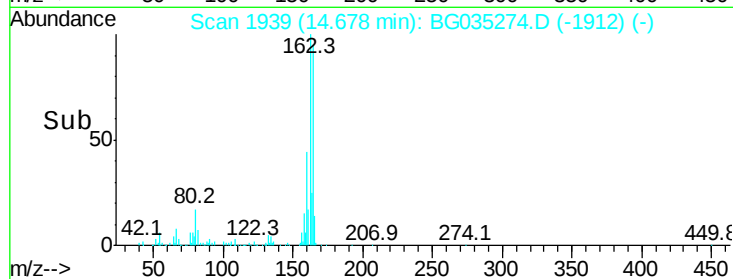
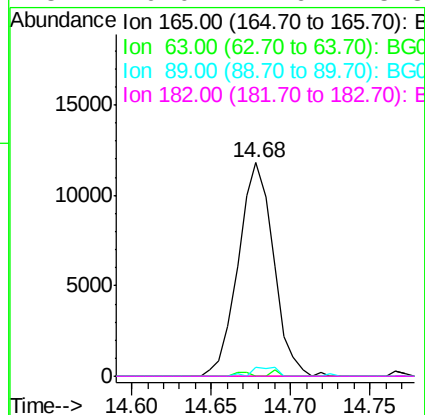
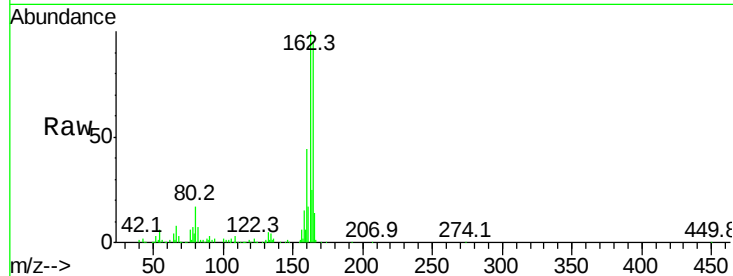




#56
 2,4-Dinitrotoluene
 Concen: 6.523 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.37 min
 Lab File: BG035274.D
 Acq: 20 Jun 2018 20:13

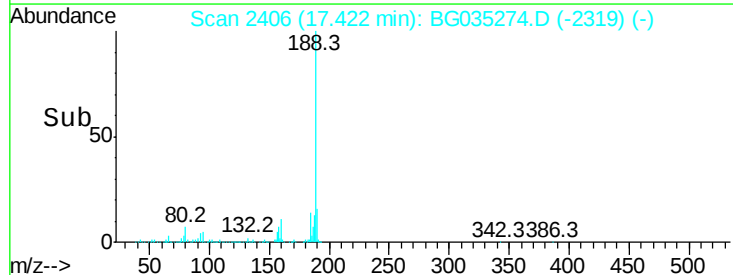
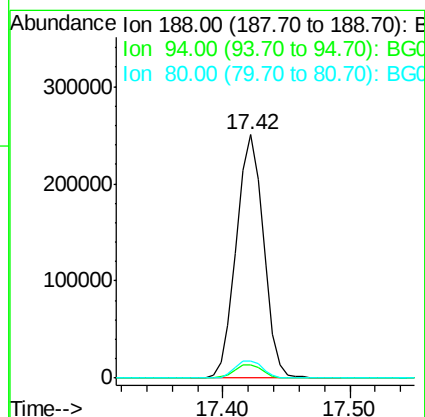
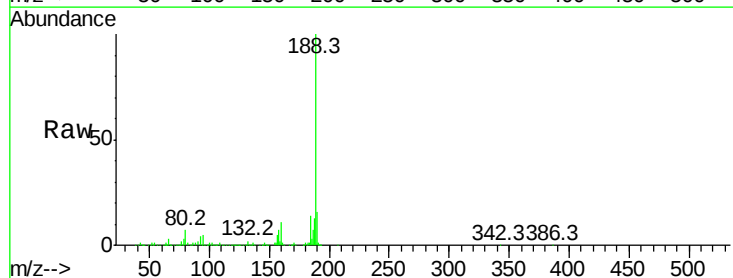
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	4.3	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035274.D
 Acq: 20 Jun 2018 20:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	7.2	7.7	11.5#

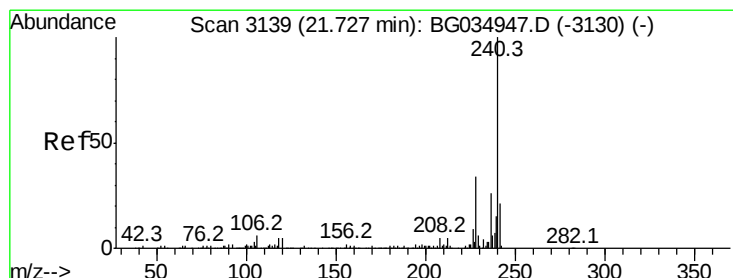
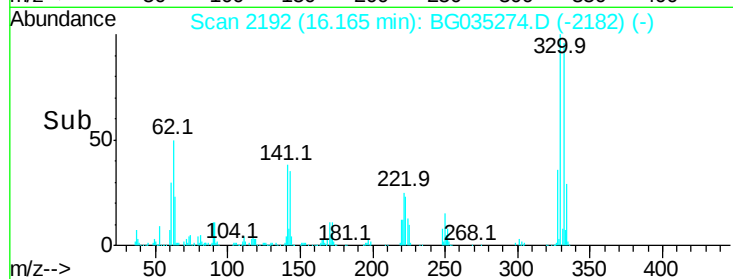
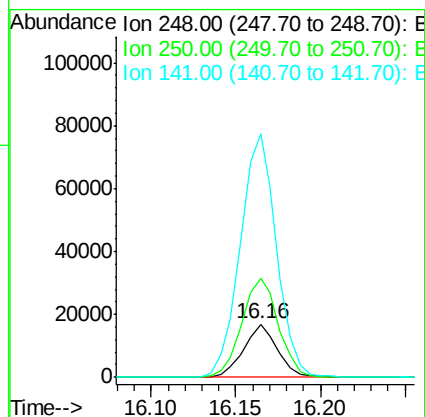
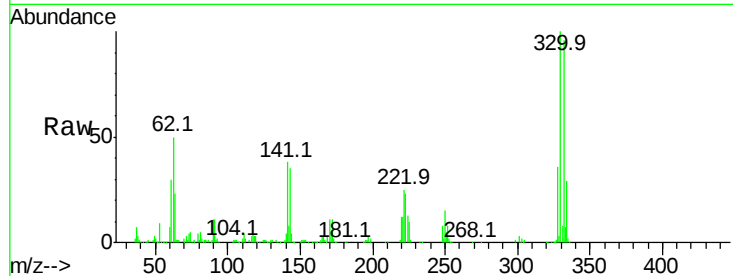




#66
 4-Bromophenyl-phenylether
 Concen: 5.217 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.47 min
 Lab File: BG035274.D
 Acq: 20 Jun 2018 20:13

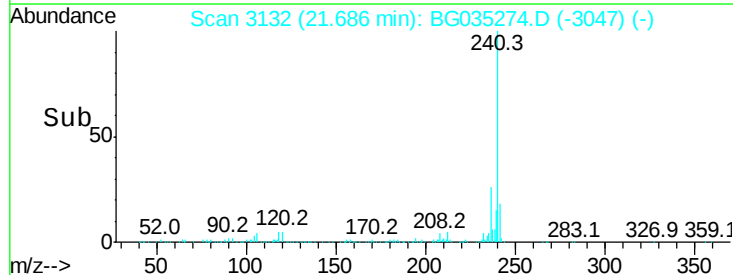
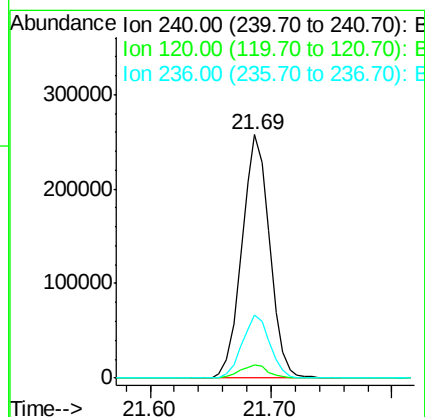
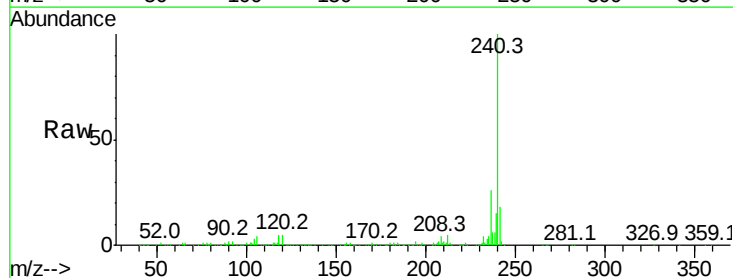
Instrument :
 BNA_G
 ClientSampleId :

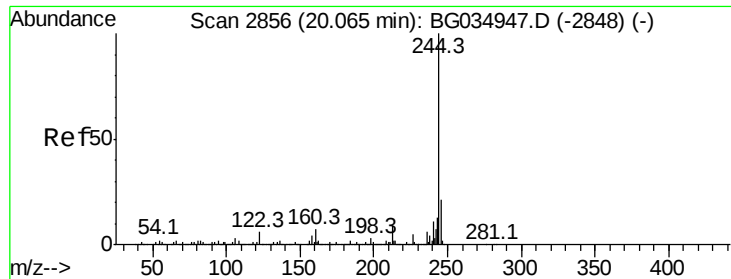
Tot Ion:248 Resp: 23391
 Ion Ratio Lower Upper
 248 100
 250 186.9 77.1 115.7#
 141 459.7 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.03 min
 Lab File: BG035274.D
 Acq: 20 Jun 2018 20:13

Tgt Ion:240 Resp: 414614
 Ion Ratio Lower Upper
 240 100
 120 5.2 6.8 10.2#
 236 25.8 20.9 31.3





#78

Terphenyl-d14

Concen: 91.547 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035274.D

Acq: 20 Jun 2018 20:13

Instrument :

BNA_G

ClientSampleId :

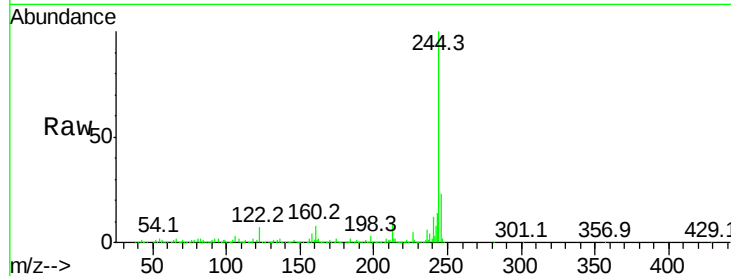
Tot Ion:244 Resp: 1812050

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

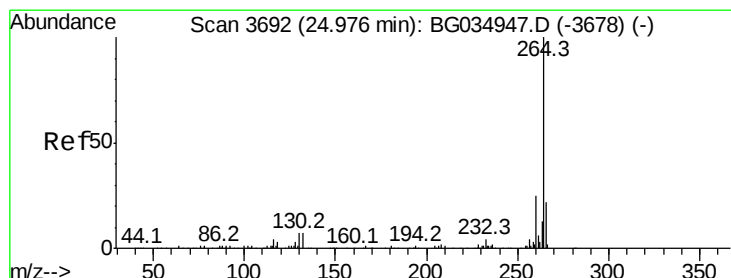
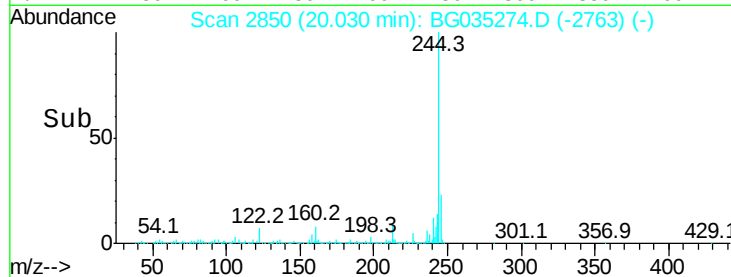
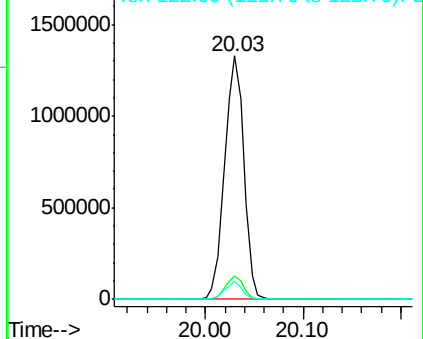
122 7.3 7.0 10.4



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: 24.91 min Scan# 3681

Delta R.T. -0.04 min

Lab File: BG035274.D

Acq: 20 Jun 2018 20:13

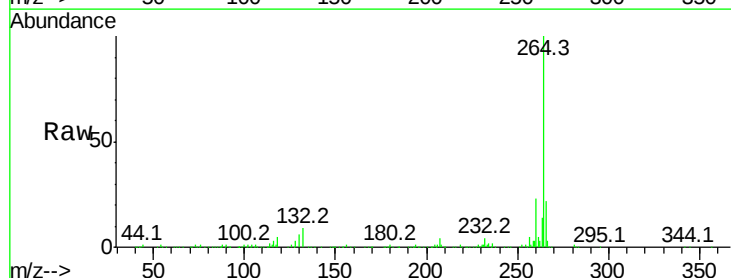
Tgt Ion:264 Resp: 389615

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 22.3 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

