

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
 Data File : BG035556.D
 Acq On : 2 Jul 2018 18:21
 Operator : JU/SJ
 Sample : J3248-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 04:48:41 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

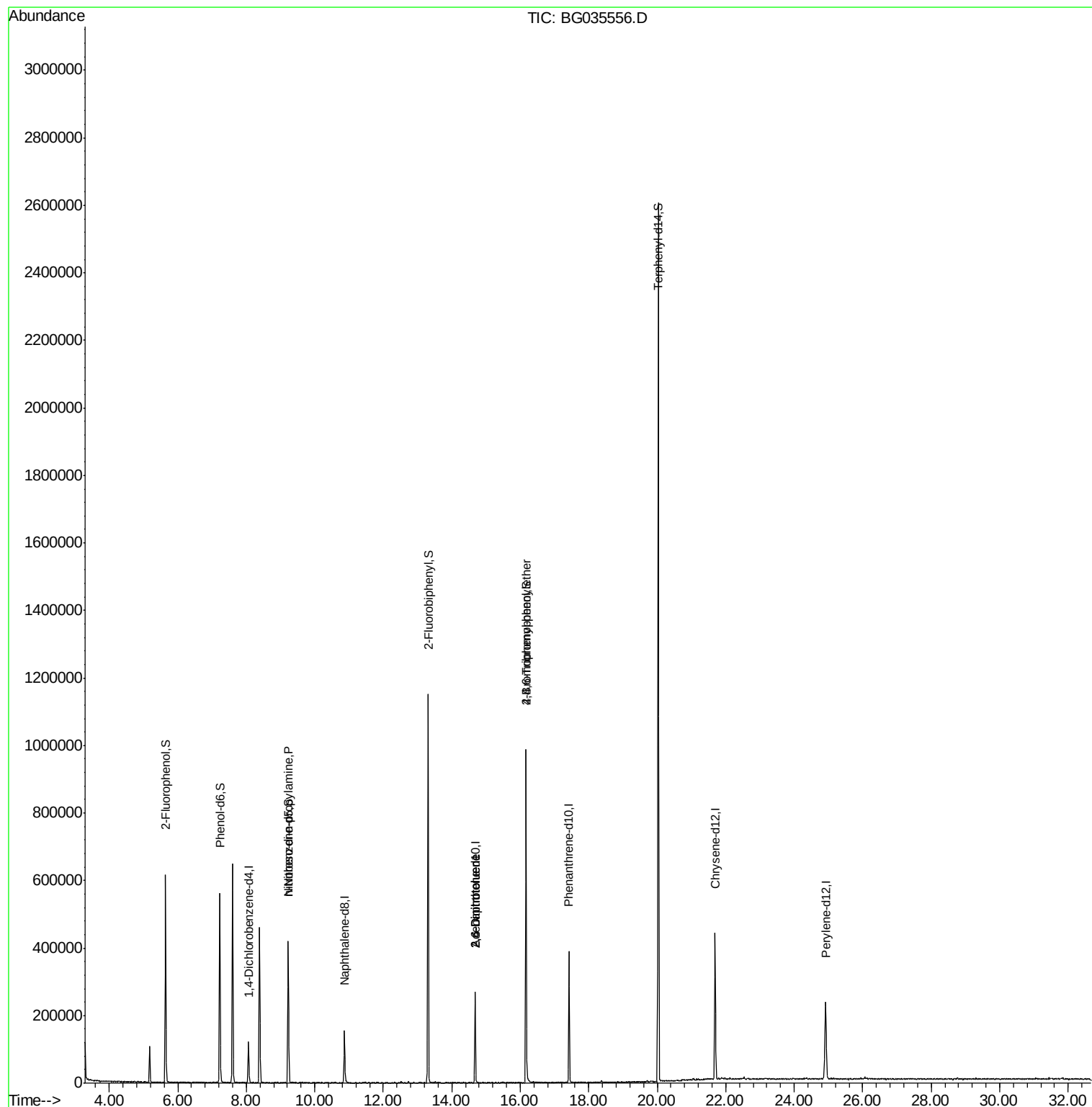
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	35115	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	131831	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	92486	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	255445	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	279596	20.00	ng	-0.02
86) Perylene-d12	24.92	264	264545	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	261482	125.67	ng	0.00
7) Phenol-d6	7.23	99	344947	112.32	ng	0.00
23) Nitrobenzene-d5	9.23	82	273863	98.75	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	189273	159.87	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	623664	87.66	ng	-0.02
78) Terphenyl-d14	20.03	244	1249761	93.63	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	38453	14.738	ng	# 64
50) 2,6-Dinitrotoluene	14.68	165	12773	8.681	ng	# 19
56) 2,4-Dinitrotoluene	14.68	165	12773	6.535	ng	# 17
66) 4-Bromophenyl-phenylether	16.17	248	13702	4.454	ng	# 1

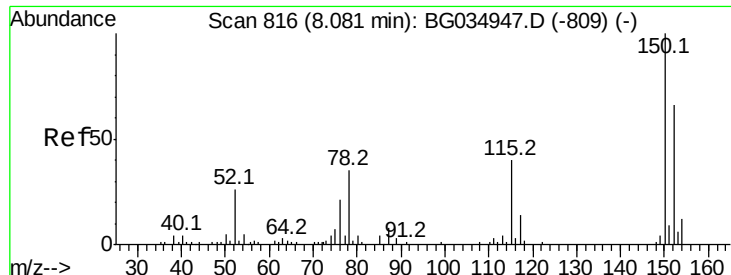
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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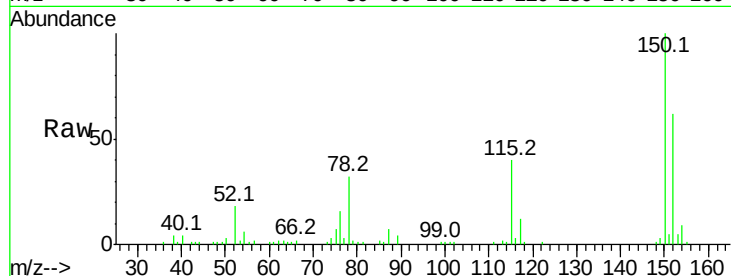


#1

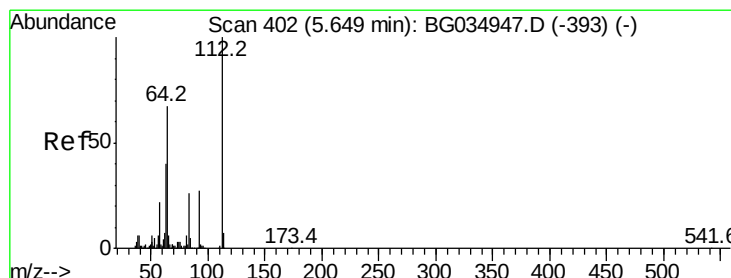
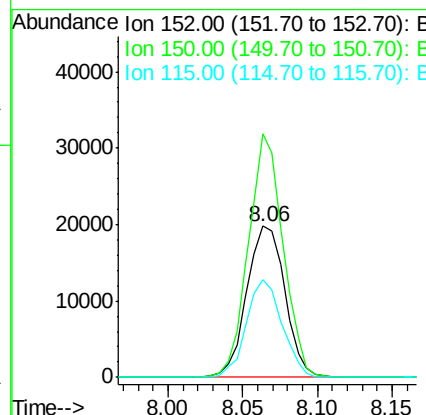
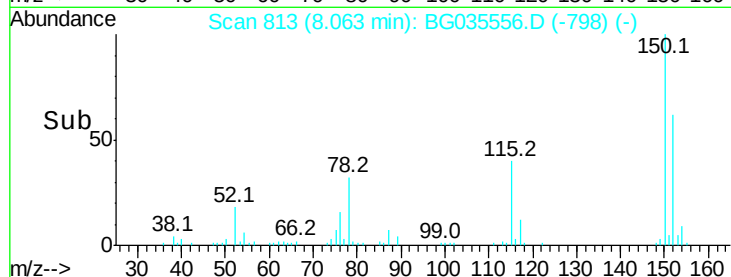
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG035556.D
 Acq: 2 Jul 2018 18:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	126.6	189.8
115	64.8	53.0	79.4



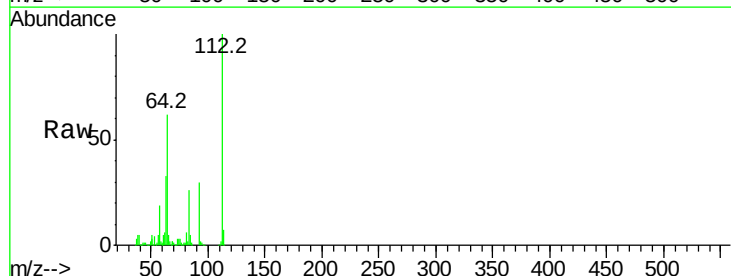
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



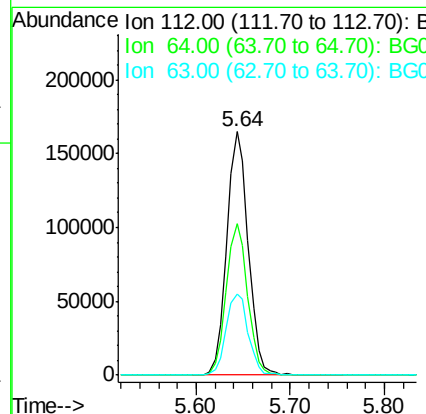
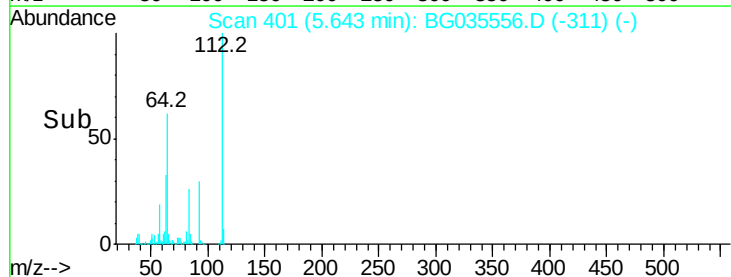
#5

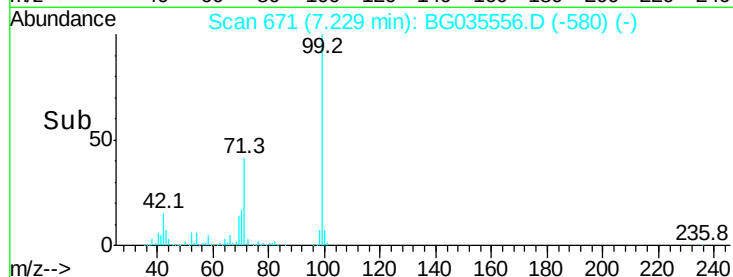
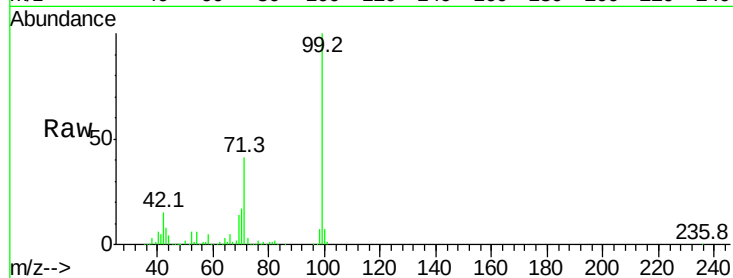
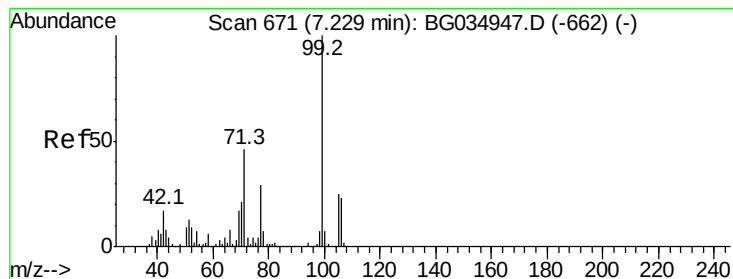
2-Fluorophenol
 Concen: 125.667 ng
 RT: 5.64 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG035556.D
 Acq: 2 Jul 2018 18:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	56.3	84.5
63	33.4	30.1	45.1



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





#7

Phenol-d6

Concen: 112.321 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG035556.D

Acq: 2 Jul 2018 18:21

Instrument :

BNA_G

ClientSampled :

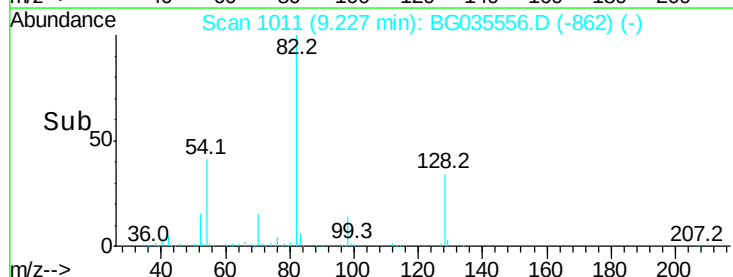
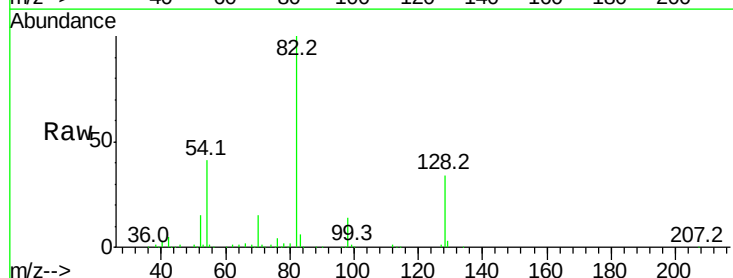
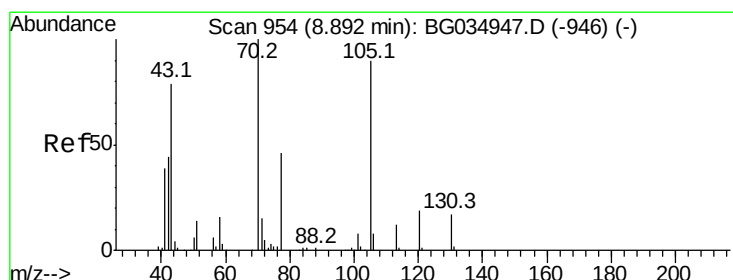
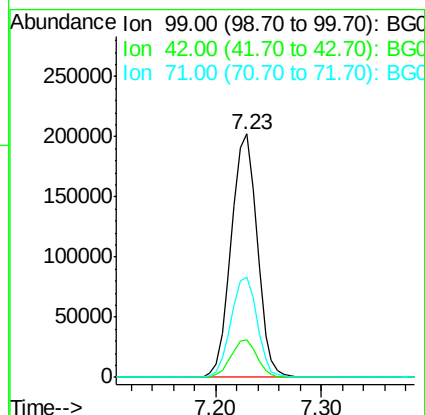
Tot Ion: 99 Resp: 344947

Ion Ratio Lower Upper

99 100

42 15.3 14.1 21.1

71 41.1 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.738 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG035556.D

Acq: 2 Jul 2018 18:21

Tgt Ion: 70 Resp: 38453

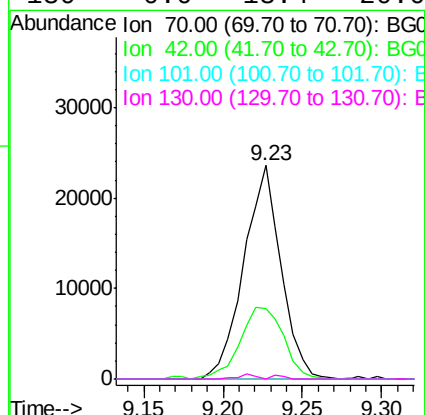
Ion Ratio Lower Upper

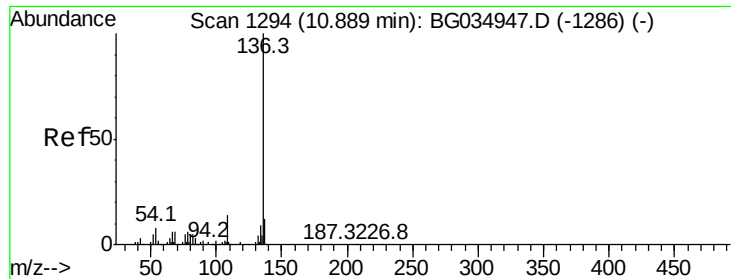
70 100

42 33.1 49.1 73.7#

101 0.0 8.5 12.7#

130 0.0 13.4 20.0#

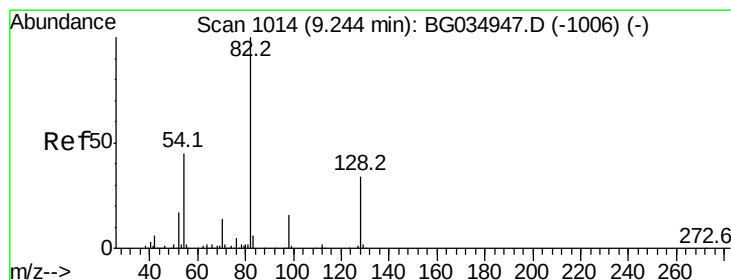
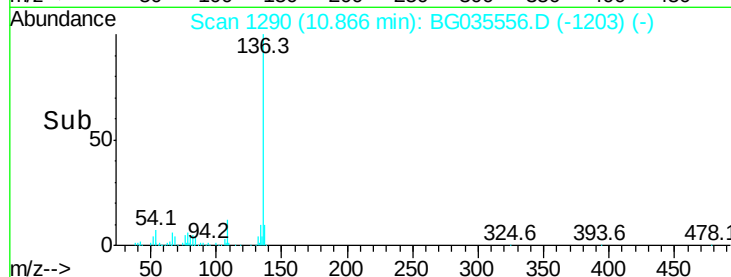
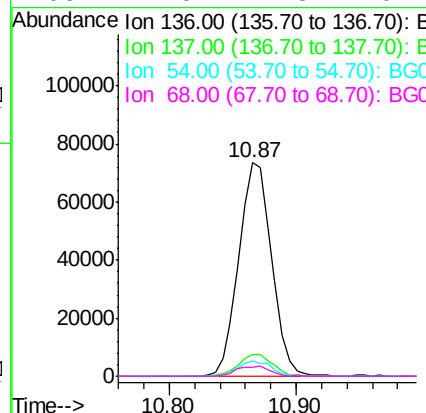
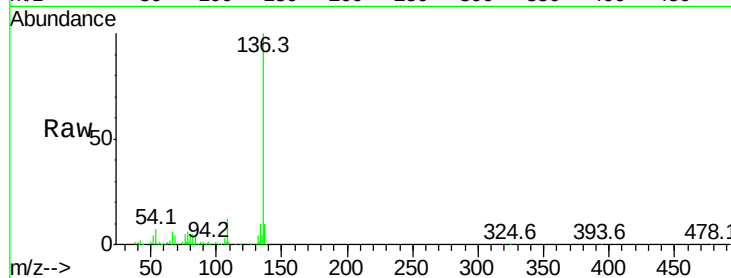




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035556.D
Acq: 2 Jul 2018 18:21

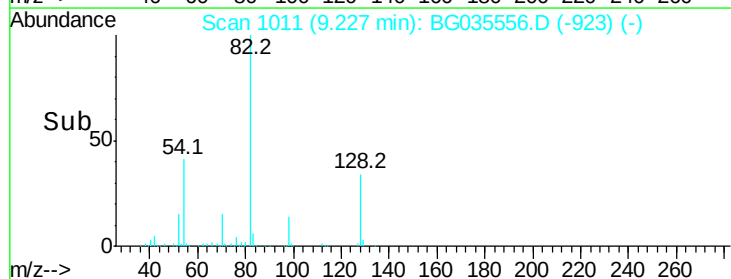
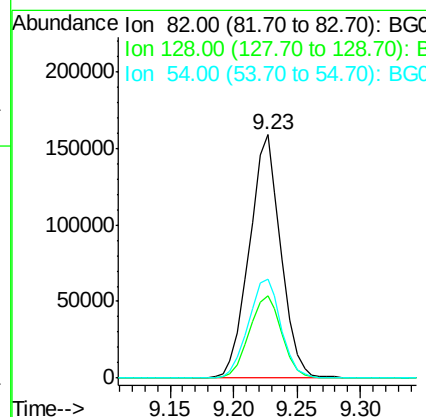
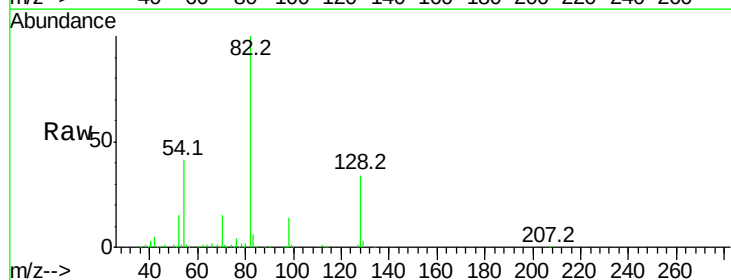
Instrument :
BNA_G
ClientSampled :

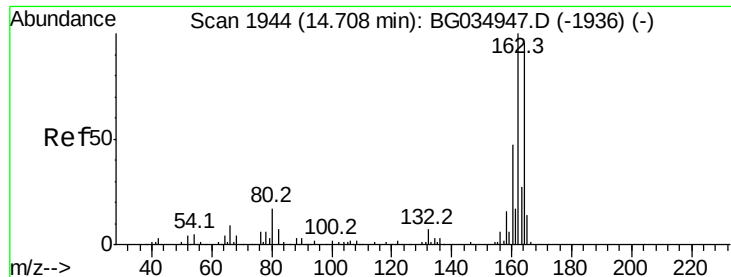
Tot Ion:	136	Resp:	131831
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	6.9	10.3	15.5#
68	4.3	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 98.747 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035556.D
Acq: 2 Jul 2018 18:21

Tgt Ion:	82	Resp:	273863
Ion	Ratio	Lower	Upper
82	100		
128	33.8	29.7	44.5
54	40.5	43.1	64.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG035556.D

Acq: 2 Jul 2018 18:21

Instrument :

BNA_G

ClientSampleId :

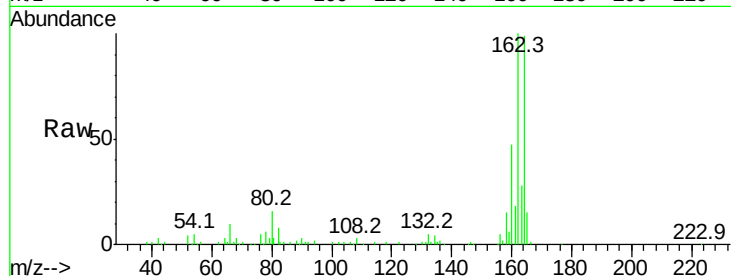
Tot Ion:164 Resp: 92486

Ion Ratio Lower Upper

164 100

162 100.9 78.8 118.2

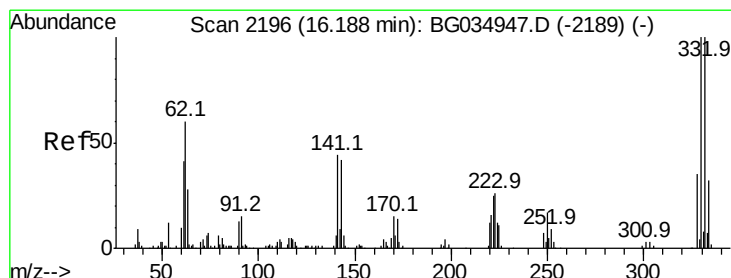
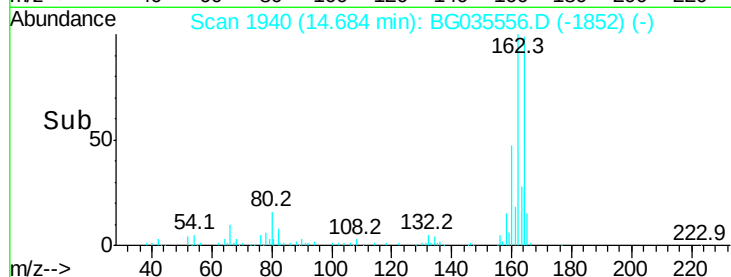
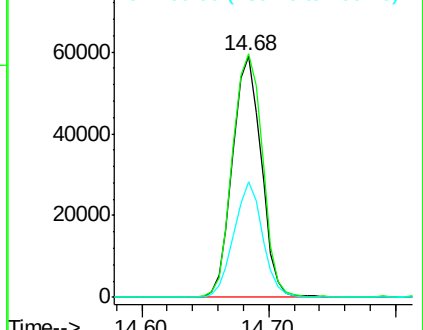
160 47.8 35.4 53.0



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: 159.867 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG035556.D

Acq: 2 Jul 2018 18:21

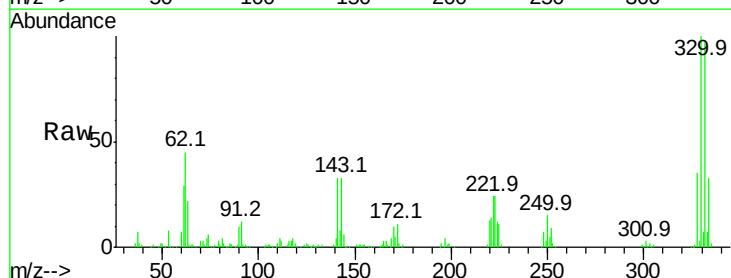
Tgt Ion:330 Resp: 189273

Ion Ratio Lower Upper

330 100

332 99.7 77.0 115.6

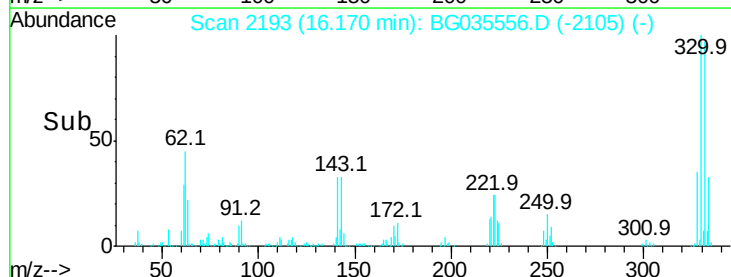
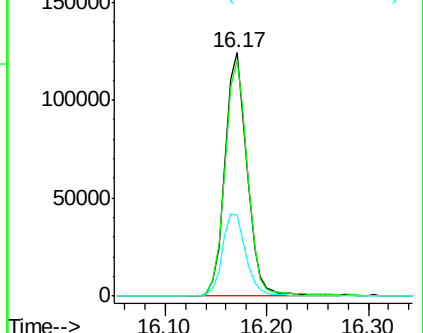
141 35.4 25.2 37.8

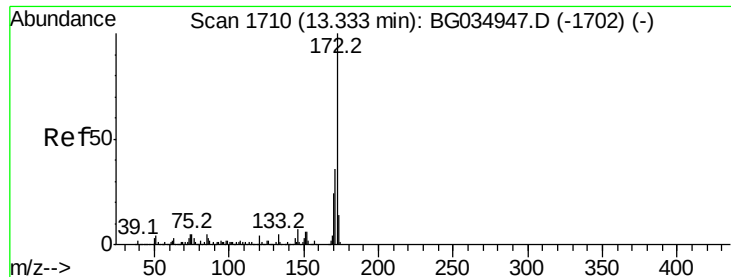


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

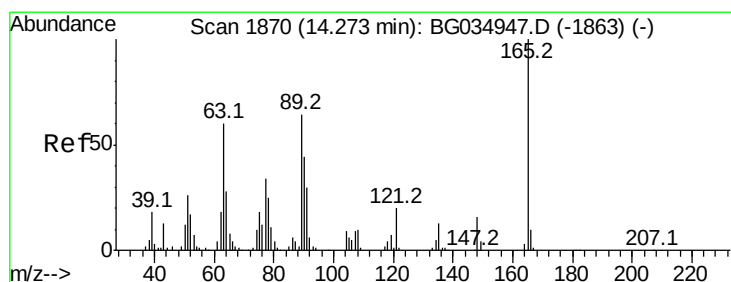
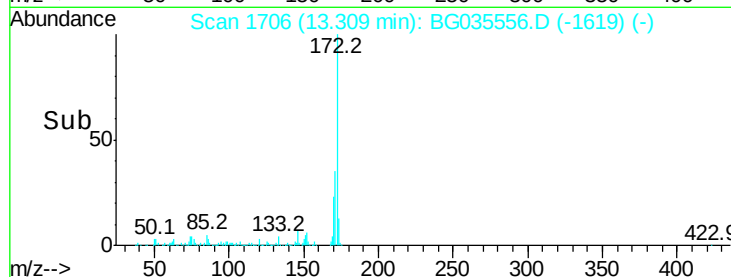
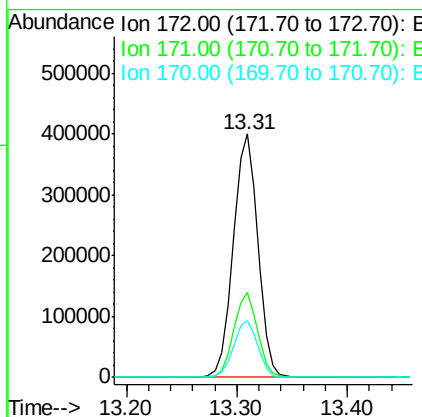
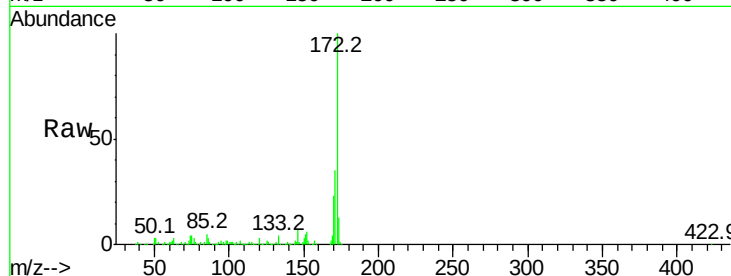




#44
 2-Fluorobiphenyl
 Concen: 87.663 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035556.D
 Acq: 2 Jul 2018 18:21

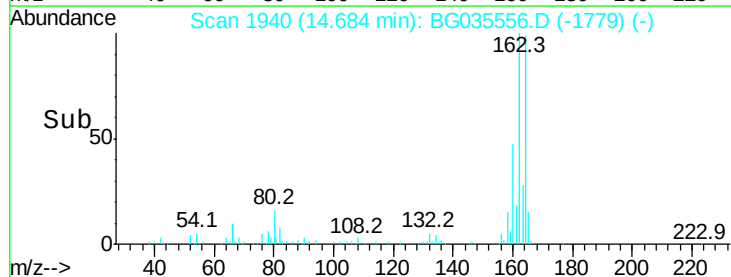
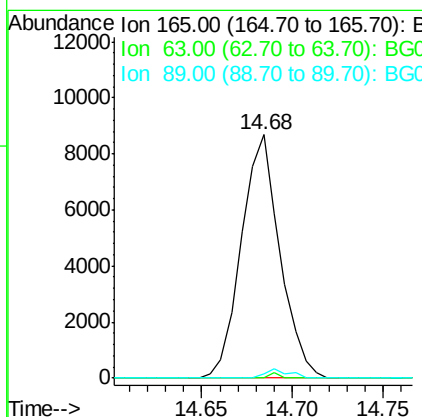
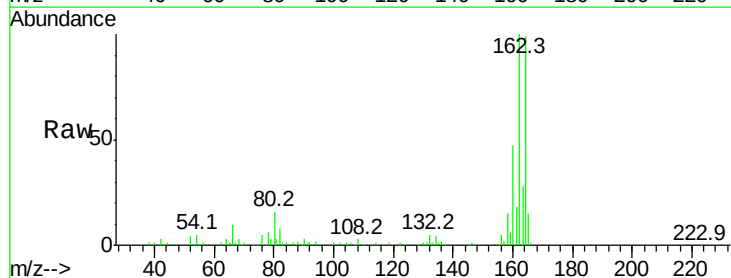
Instrument :
 BNA_G
 ClientSampleId :

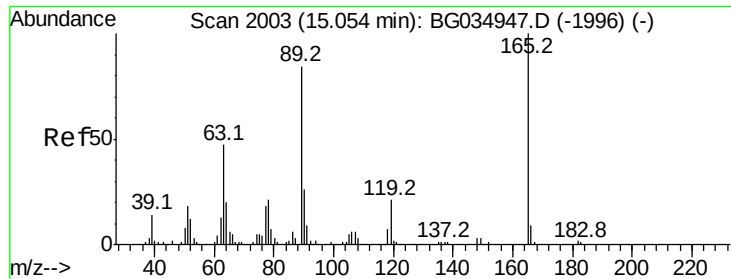
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.0	45.0
170	23.1	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.681 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. 0.42 min
 Lab File: BG035556.D
 Acq: 2 Jul 2018 18:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.7	49.2	73.8#

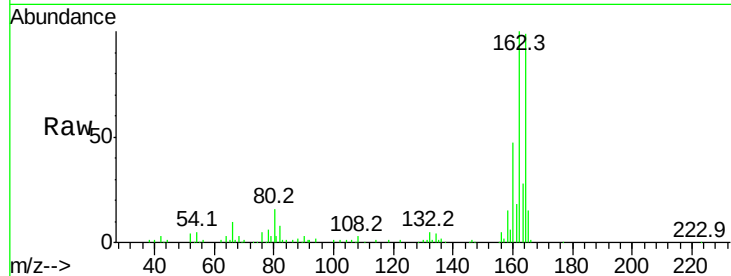




#56
 2,4-Dinitrotoluene
 Concen: 6.535 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.37 min
 Lab File: BG035556.D
 Acq: 2 Jul 2018 18:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	12773
Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.7	66.9	100.3#
182	0.0	2.6	3.8#

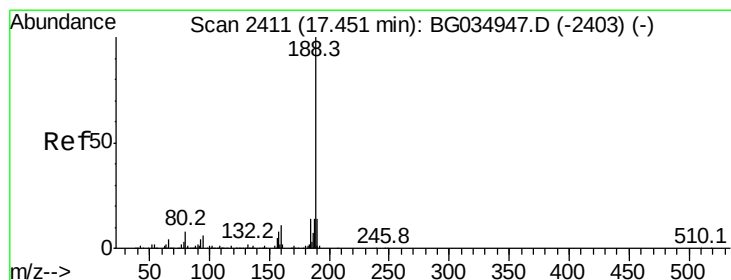
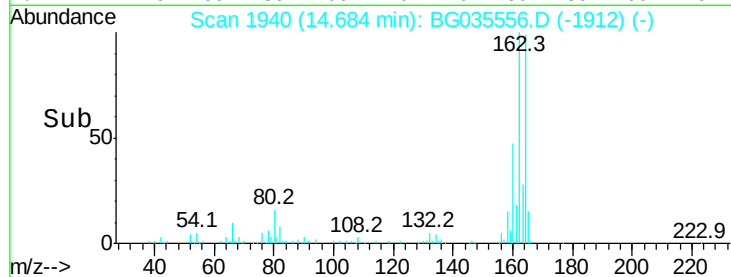
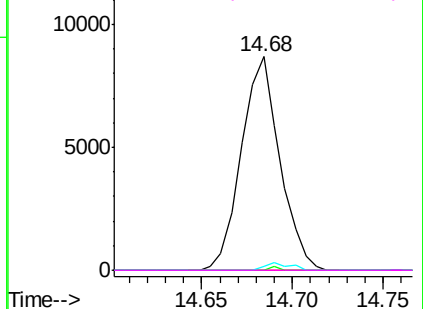


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

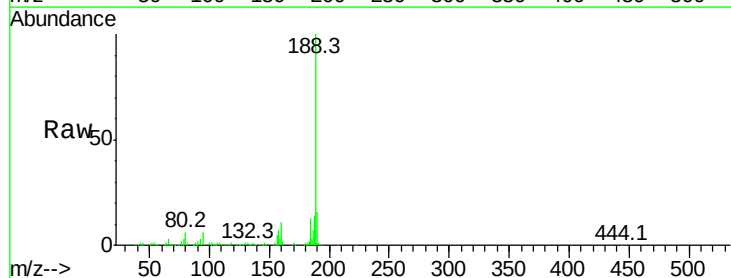
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG035556.D
 Acq: 2 Jul 2018 18:21

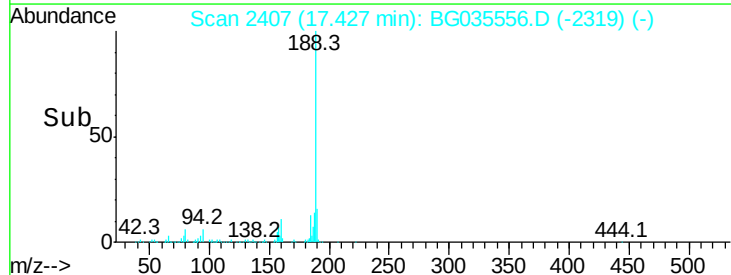
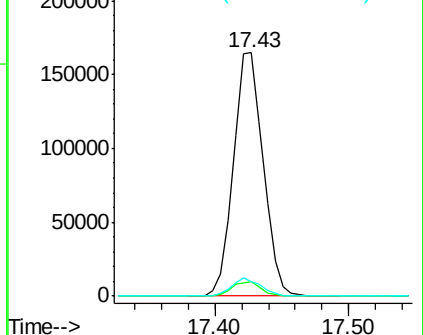
Tgt Ion:	188	Resp:	255445
Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.9	10.3#
80	6.2	7.7	11.5#

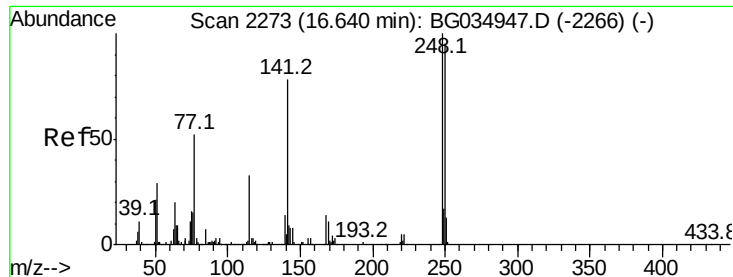


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

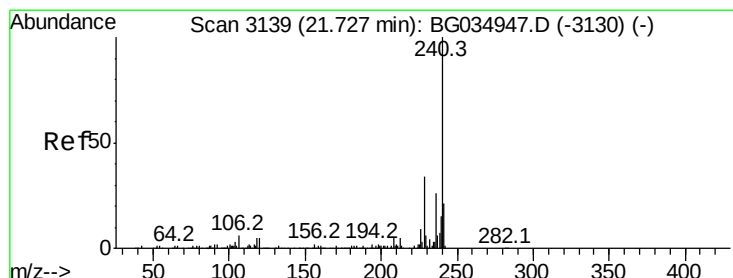
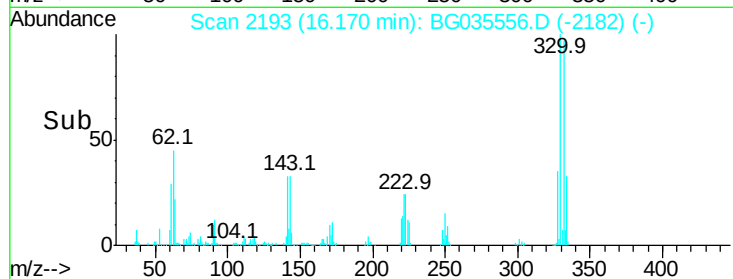
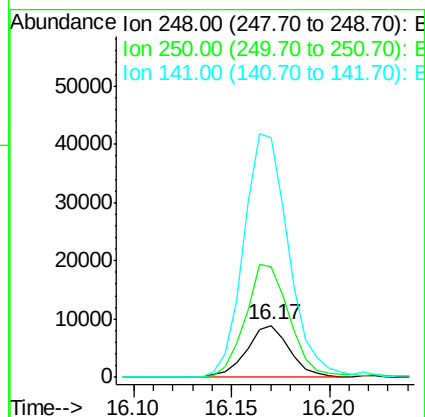
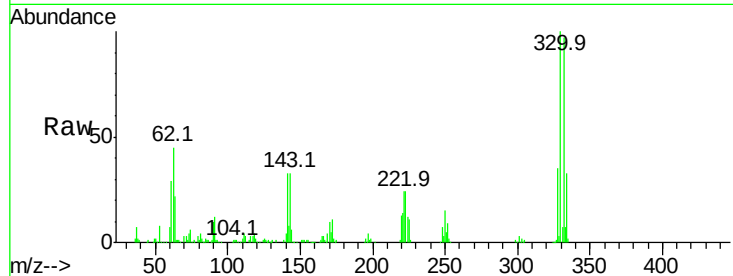




#66
4-Bromophenyl-phenylether
Concen: 4.454 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG035556.D
Acq: 2 Jul 2018 18:21

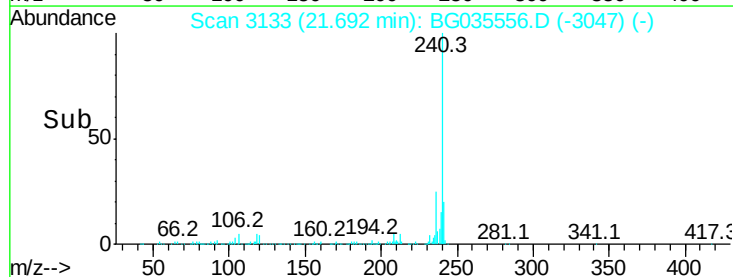
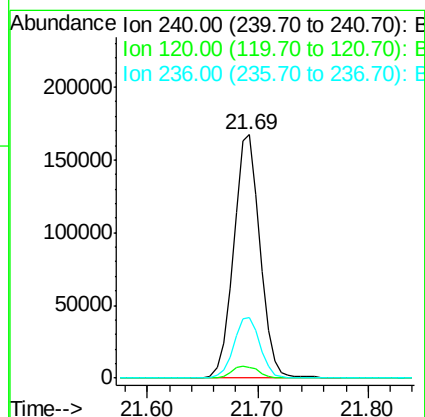
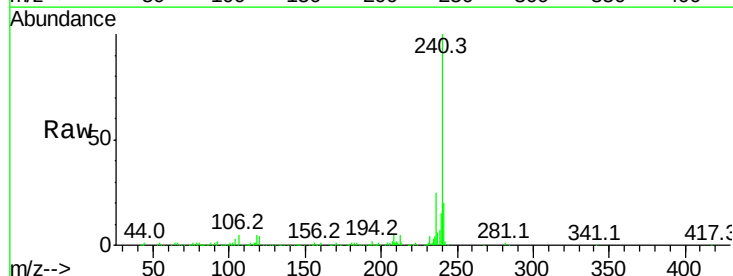
Instrument :
BNA_G
ClientSampled :

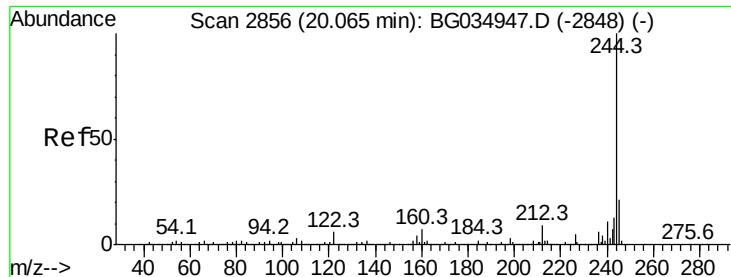
Tot Ion:248 Resp: 13702
Ion Ratio Lower Upper
248 100
250 212.2 77.1 115.7#
141 460.5 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035556.D
Acq: 2 Jul 2018 18:21

Tgt Ion:240 Resp: 279596
Ion Ratio Lower Upper
240 100
120 4.4 6.8 10.2#
236 25.0 20.9 31.3





#78

Terphenyl-d14

Concen: 93.629 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035556.D

Acq: 2 Jul 2018 18:21

Instrument :

BNA_G

ClientSampleId :

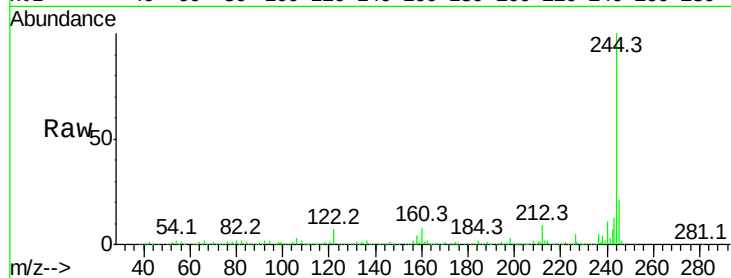
Tot Ion:244 Resp: 1249761

Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.8#
122	6.8	7.0	10.4#

244 100

212 9.1 5.8 8.8#

122 6.8 7.0 10.4#

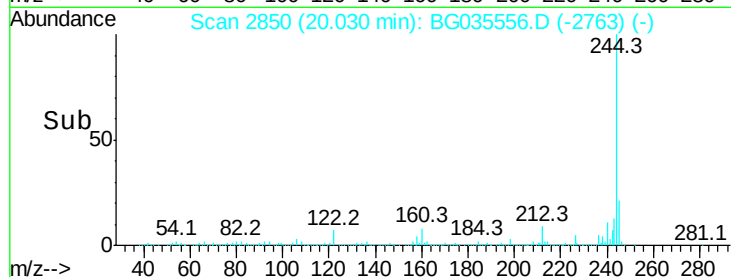


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

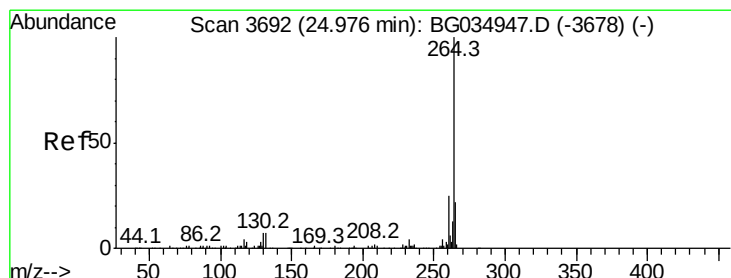
Ion 122.00 (121.70 to 122.70): E

Time-->



20.03

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3682

Delta R.T. -0.04 min

Lab File: BG035556.D

Acq: 2 Jul 2018 18:21

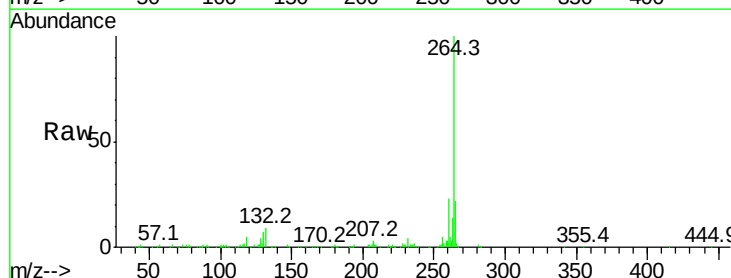
Tgt Ion:264 Resp: 264545

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	22.3	17.7	26.5

264 100

260 23.0 17.4 26.0

265 22.3 17.7 26.5

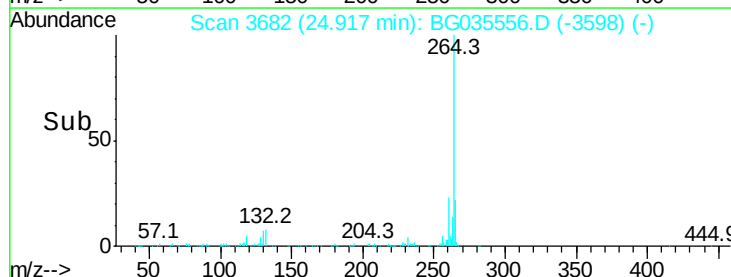


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



24.92

Time-->