

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072318\
 Data File : BG035829.D
 Acq On : 23 Jul 2018 15:58
 Operator : JU/SJ
 Sample : J4101-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Jul 23 17:51:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

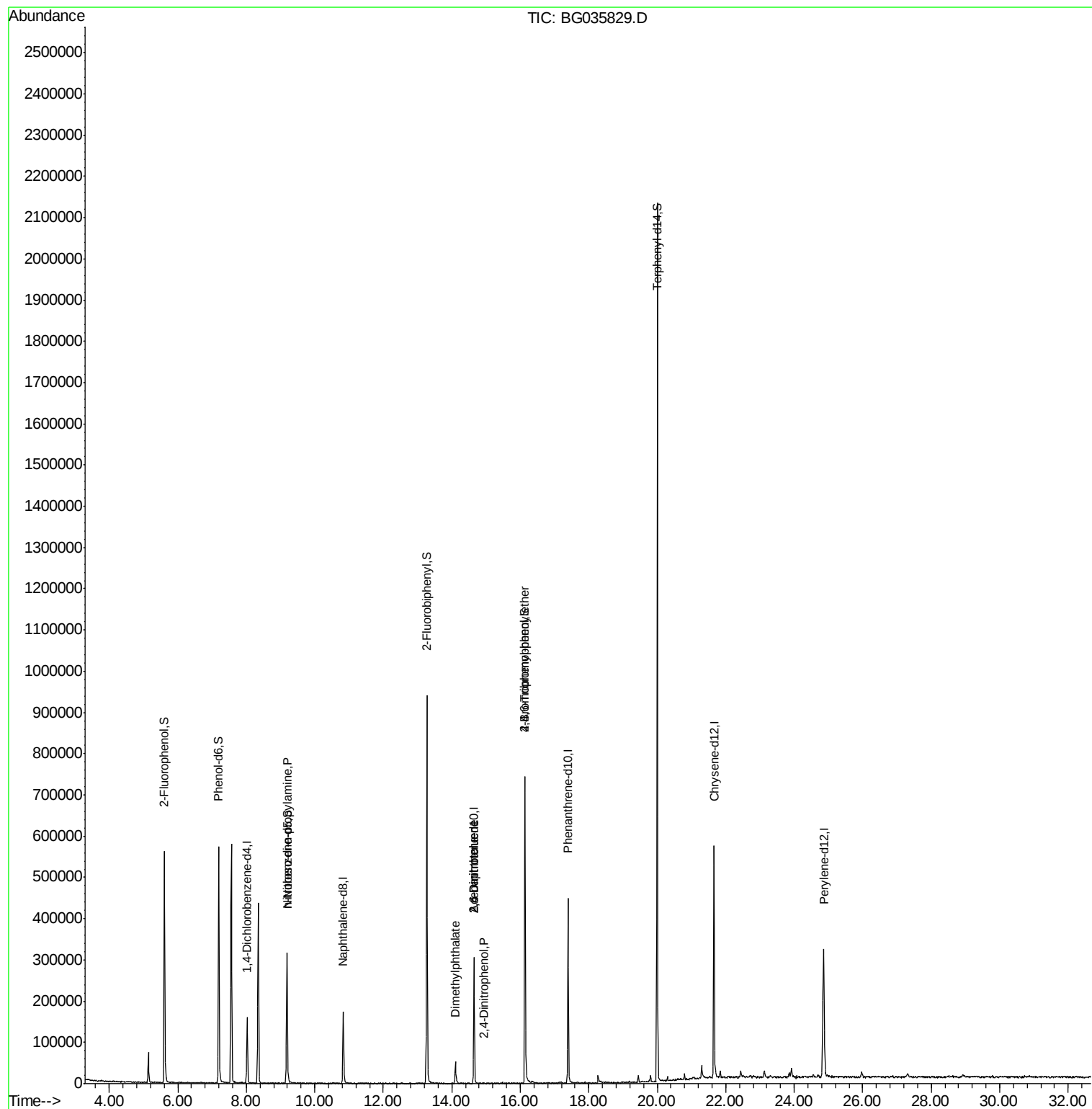
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	45499	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	164023	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	112919	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	310883	20.00	ng	0.00
75) Chrysene-d12	21.66	240	366514	20.00	ng	0.00
86) Perylene-d12	24.85	264	356688	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	250435	91.38	ng	0.00
7) Phenol-d6	7.20	99	368063	90.02	ng	0.00
23) Nitrobenzene-d5	9.19	82	240257	61.19	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	149124	100.19	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	539596	64.02	ng	0.00
78) Terphenyl-d14	20.00	244	1035823	62.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	30792	8.943	ng	# 67
49) Dimethylphthalate	14.10	163	50910	5.146	ng	# 96
50) 2,6-Dinitrotoluene	14.65	165	15876	7.880	ng	# 18
53) 2,4-Dinitrophenol	14.94	184	58	6.634	ng	# 1
56) 2,4-Dinitrotoluene	14.65	165	15876	5.493	ng	# 16
66) 4-Bromophenyl-phenylether	16.14	248	12022	3.333	ng	# 1

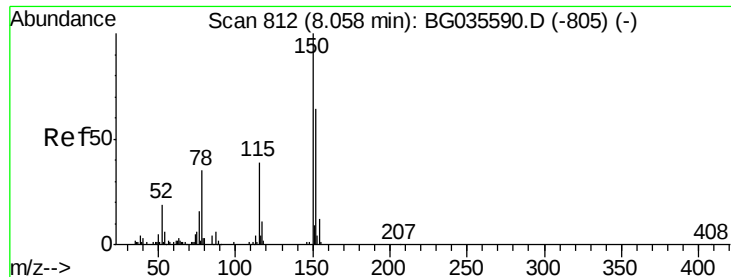
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 23 17:51:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 15:28:54 2018
Response via : Initial Calibration



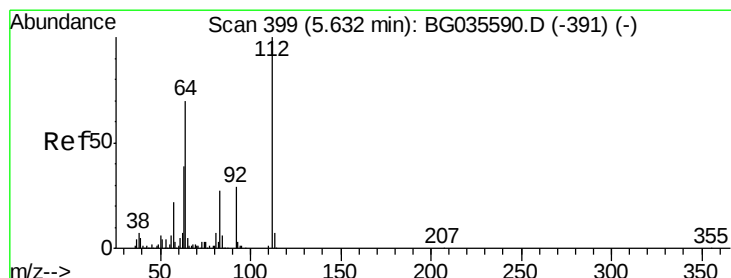
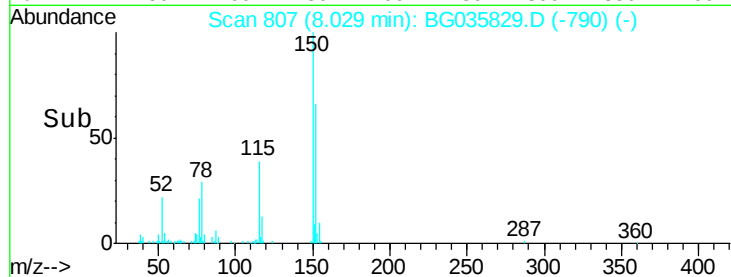
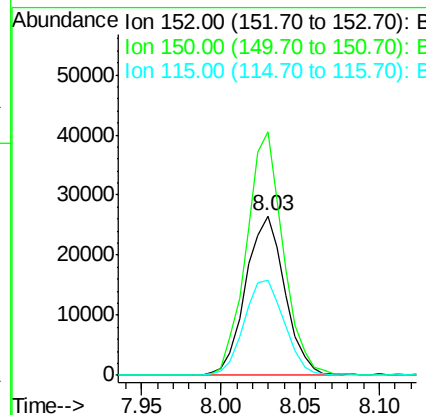
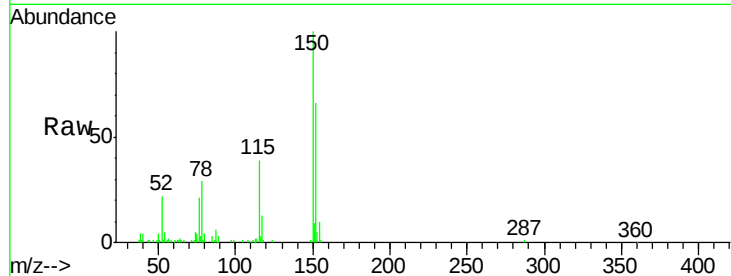


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035829.D
Acq: 23 Jul 2018 15:58

Instrument :
BNA_G
ClientSampleId :
TP-2

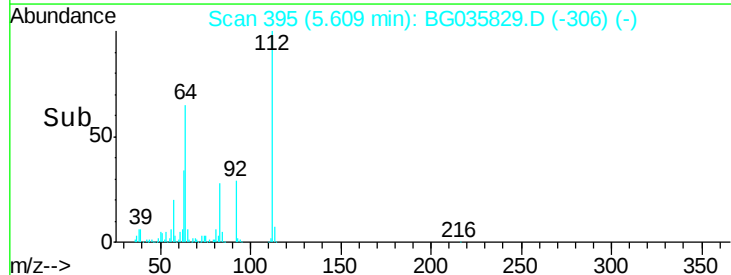
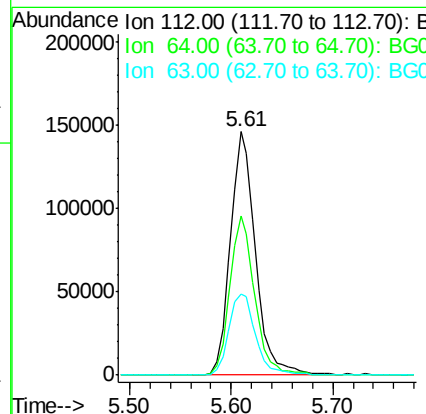
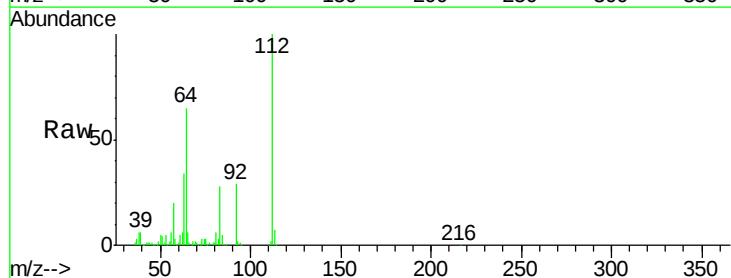
Tgt Ion:152 Resp: 45499
Ion Ratio Lower Upper
152 100
150 152.6 126.6 189.8
115 59.5 53.0 79.4

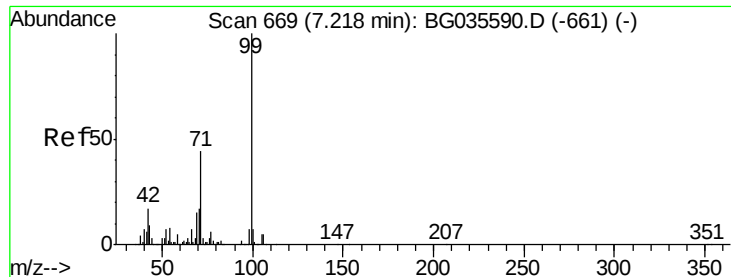


#5

2-Fluorophenol
Concen: 91.382 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG035829.D
Acq: 23 Jul 2018 15:58

Tgt Ion:112 Resp: 250435
Ion Ratio Lower Upper
112 100
64 65.4 56.3 84.5
63 33.5 30.1 45.1





#7

Phenol-d6

Concen: 90.017 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035829.D

Acq: 23 Jul 2018 15:58

Instrument :

BNA_G

ClientSampled :

TP-2

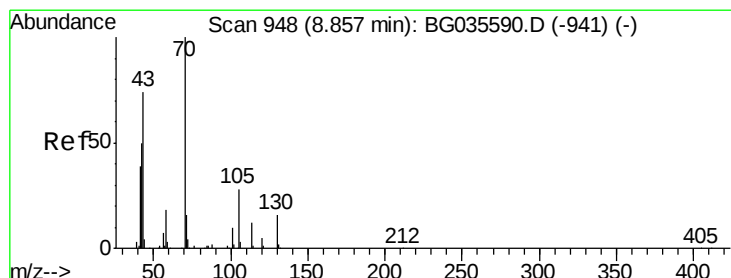
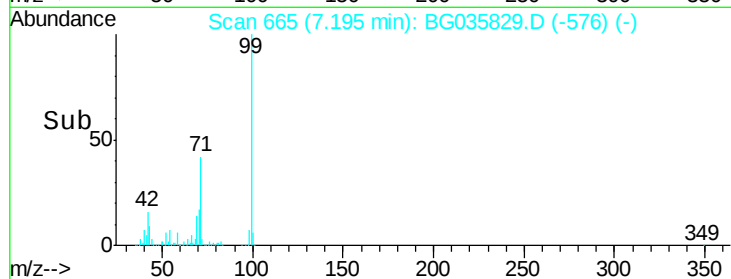
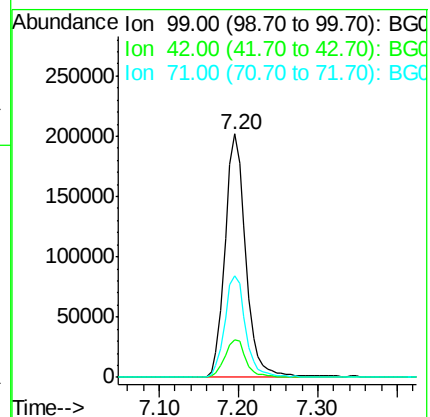
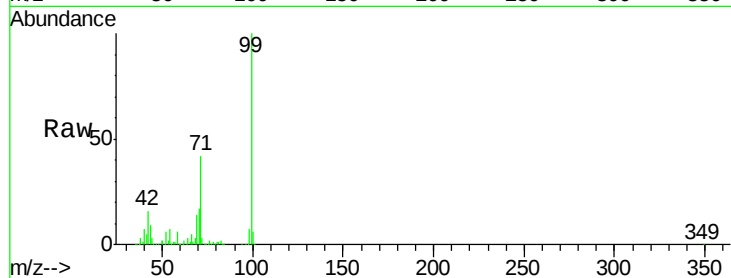
Tgt Ion: 99 Resp: 368063

Ion Ratio Lower Upper

99 100

42 15.6 14.1 21.1

71 41.9 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 8.943 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.36 min

Lab File: BG035829.D

Acq: 23 Jul 2018 15:58

Tgt Ion: 70 Resp: 30792

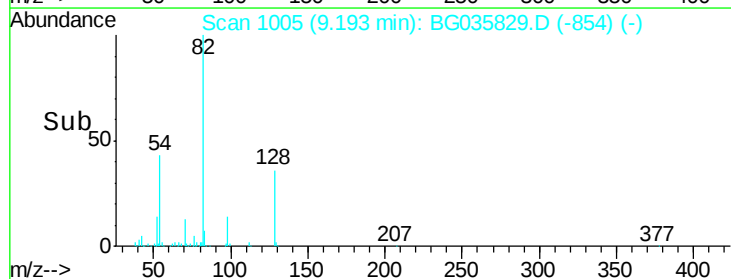
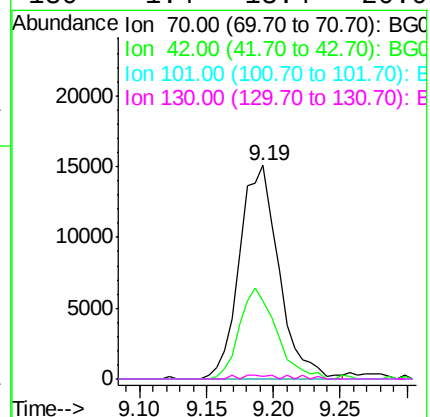
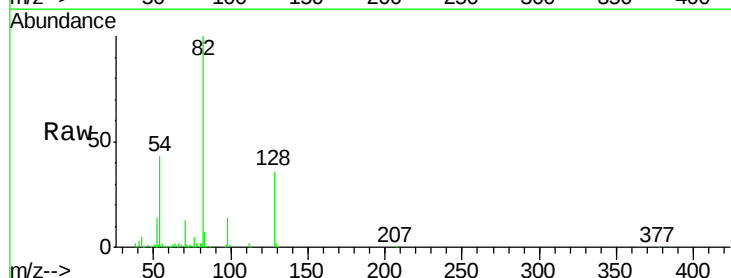
Ion Ratio Lower Upper

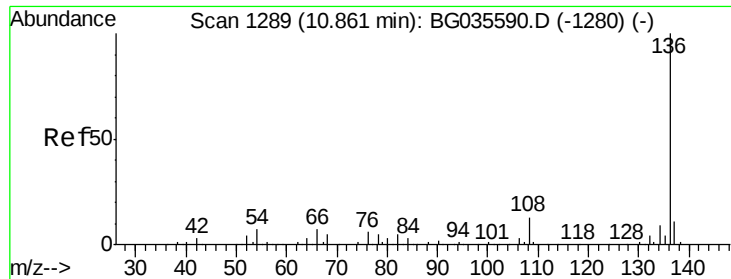
70 100

42 36.3 49.1 73.7#

101 0.0 8.5 12.7#

130 1.4 13.4 20.0#

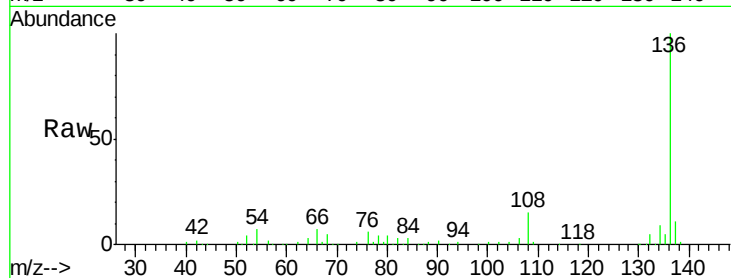




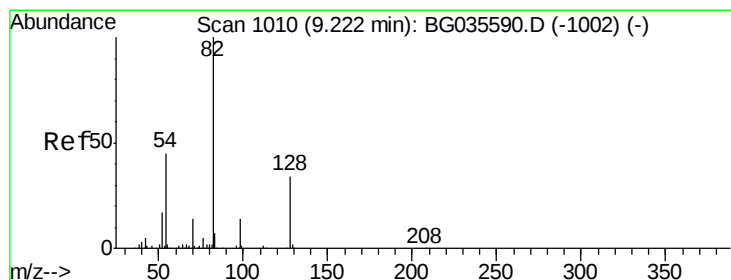
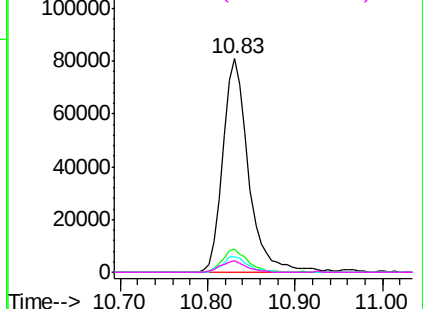
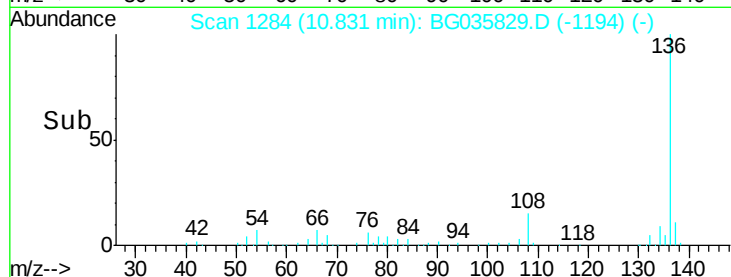
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG035829.D
Acq: 23 Jul 2018 15:58

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:	136	Resp:	164023
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.4	10.3	15.5#
68	5.2	4.5	6.7

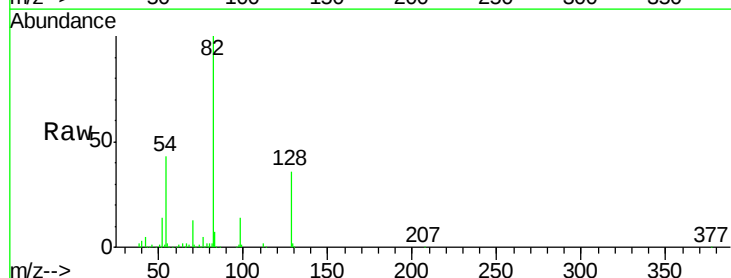


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

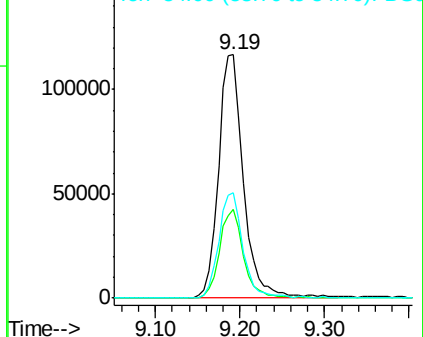
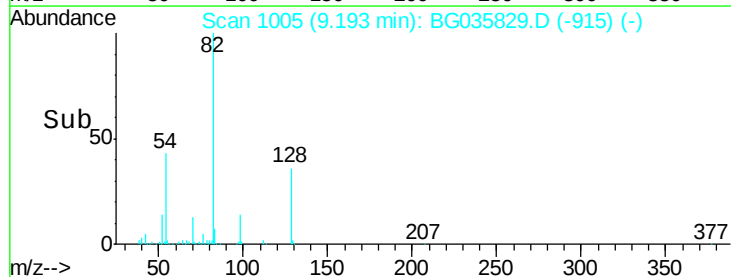


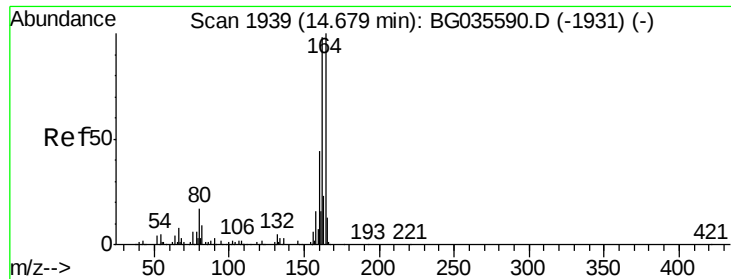
#23
Nitrobenzene-d5
Concen: 61.191 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BG035829.D
Acq: 23 Jul 2018 15:58

Tgt Ion:	82	Resp:	240257
Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.7	44.5
54	43.3	43.1	64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG035829.D

Acq: 23 Jul 2018 15:58

Instrument :

BNA_G

ClientSampleId :

TP-2

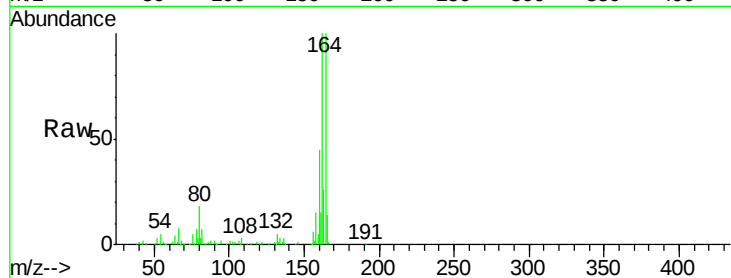
Tgt Ion:164 Resp: 112919

Ion Ratio Lower Upper

164 100

162 100.4 78.8 118.2

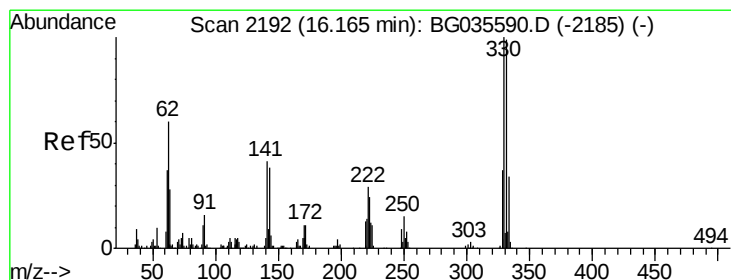
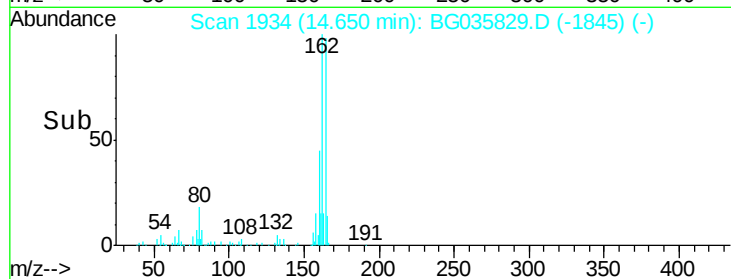
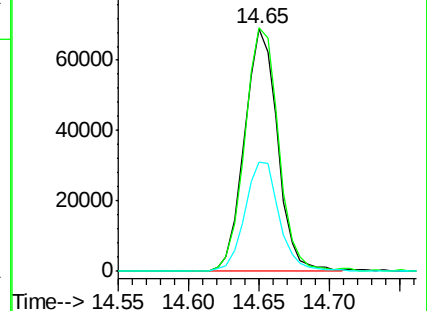
160 45.2 35.4 53.0



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: 100.195 ng

RT: 16.14 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BG035829.D

Acq: 23 Jul 2018 15:58

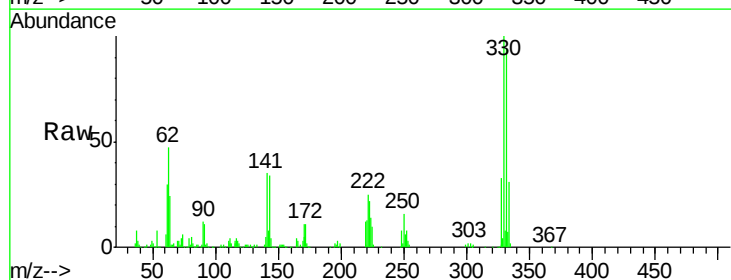
Tgt Ion:330 Resp: 149124

Ion Ratio Lower Upper

330 100

332 92.7 77.0 115.6

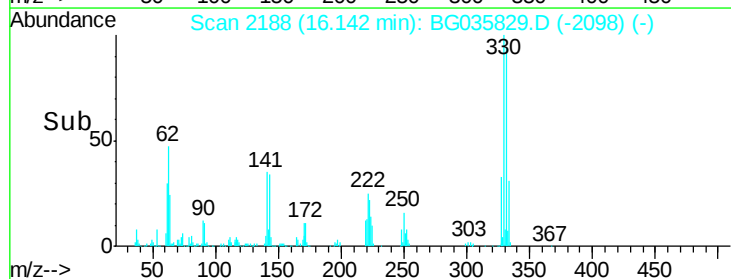
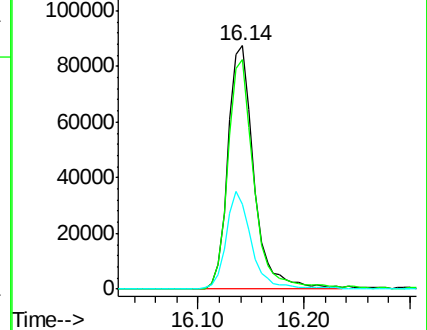
141 38.5 25.2 37.8#

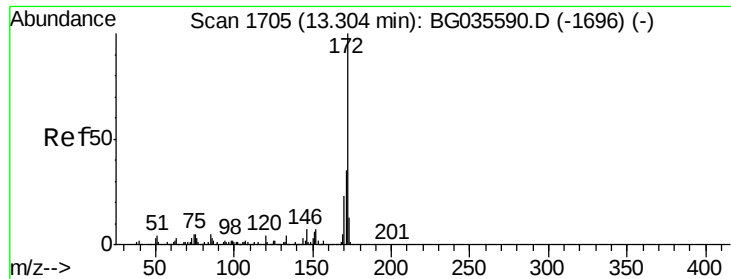


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

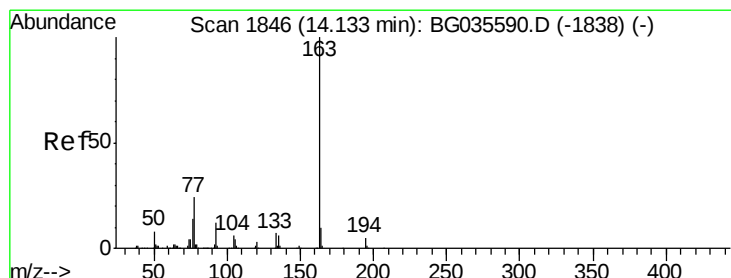
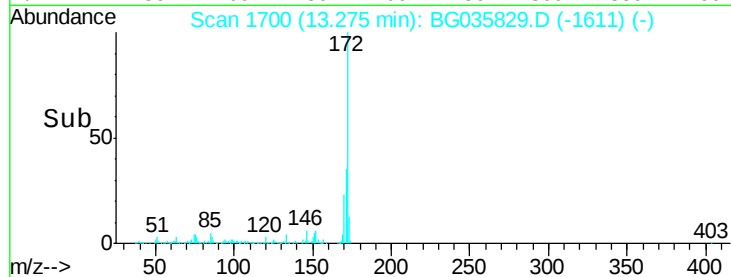
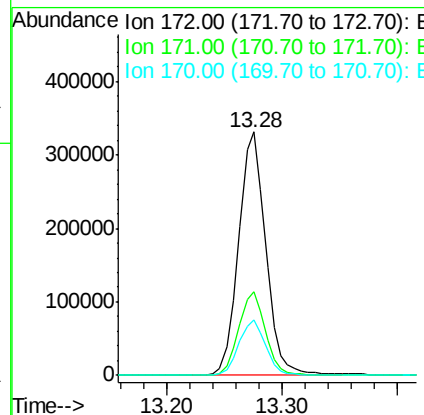
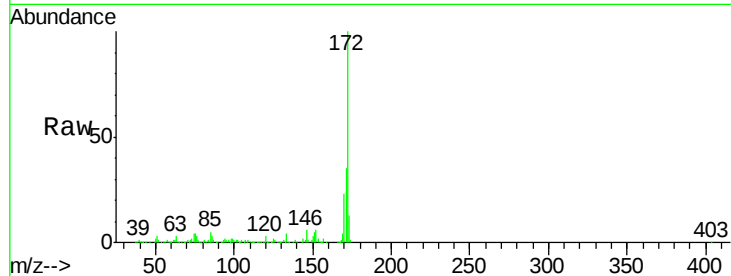




#44
 2-Fluorobiphenyl
 Concen: 64.021 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035829.D
 Acq: 23 Jul 2018 15:58

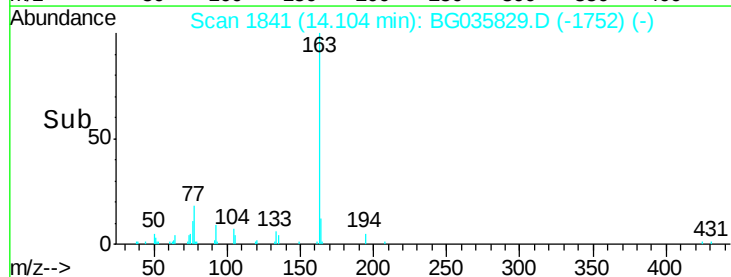
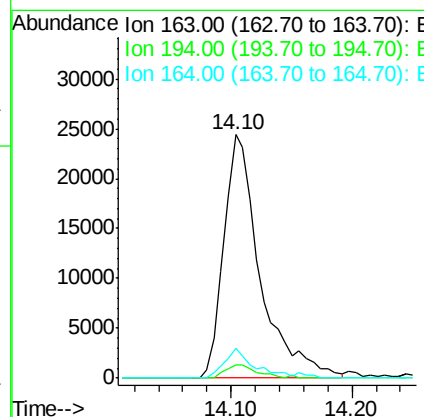
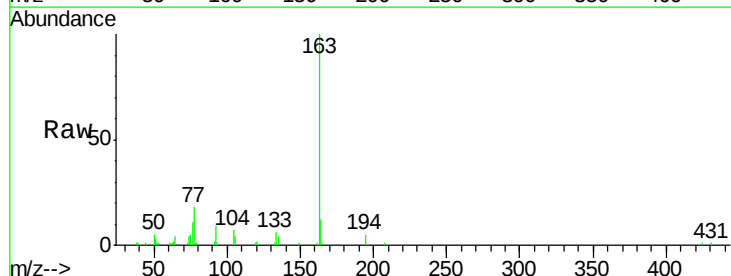
Instrument :
 BNA_G
 ClientSampleId :
 TP-2

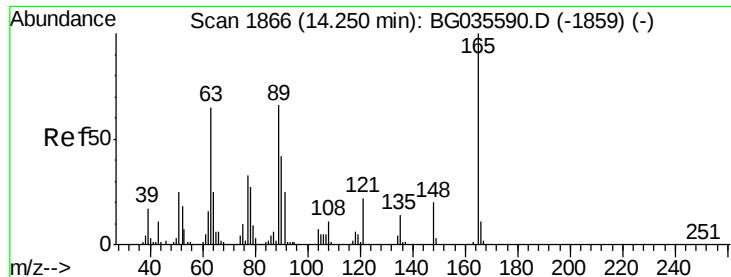
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.0	45.0
170	22.7	19.5	29.3



#49
 Dimethylphthalate
 Concen: 5.146 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG035829.D
 Acq: 23 Jul 2018 15:58

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.4	5.2#
164	12.0	8.2	12.4

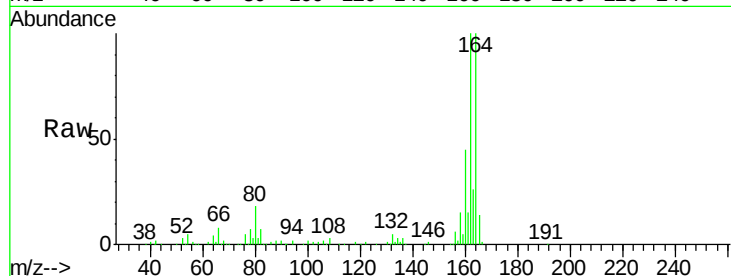




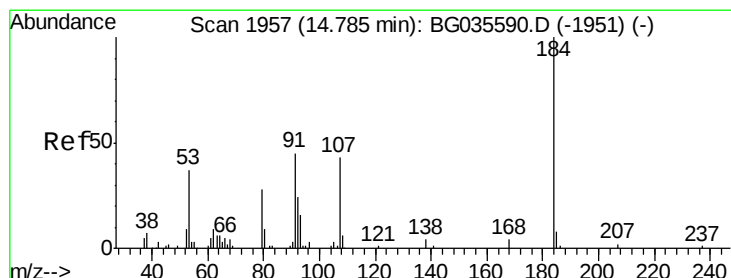
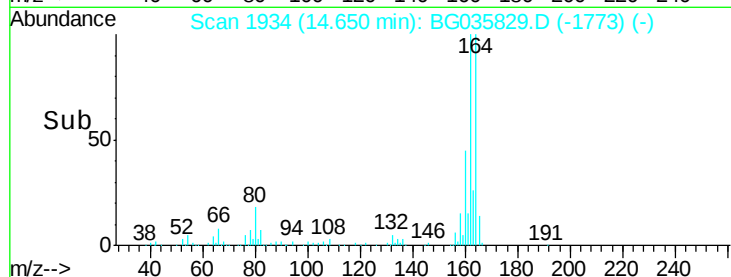
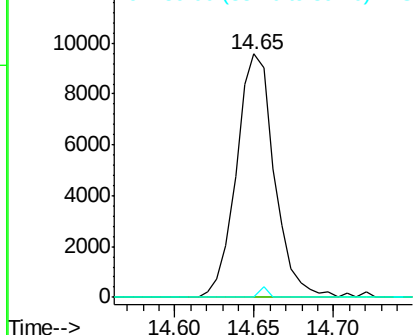
#50
2,6-Dinitrotoluene
Concen: 7.880 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.42 min
Lab File: BG035829.D
Acq: 23 Jul 2018 15:58

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:165 Resp: 15876
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#

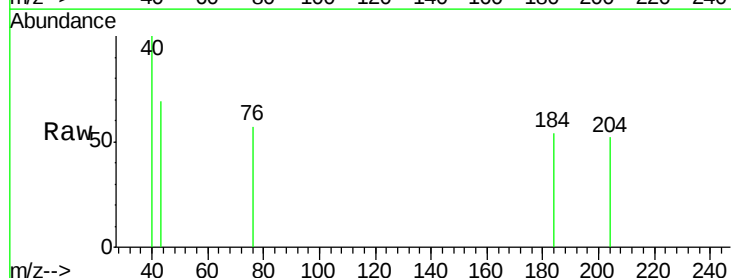


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

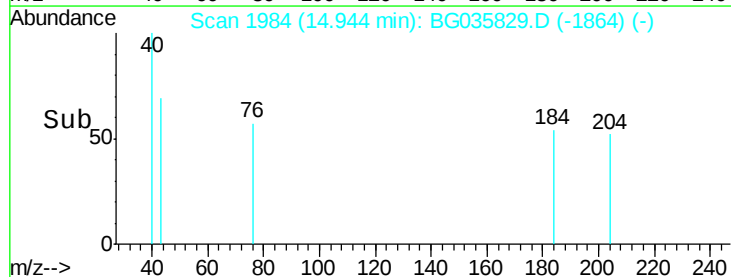
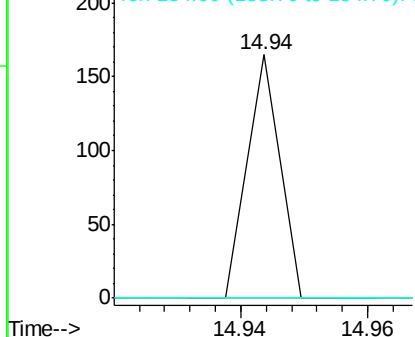


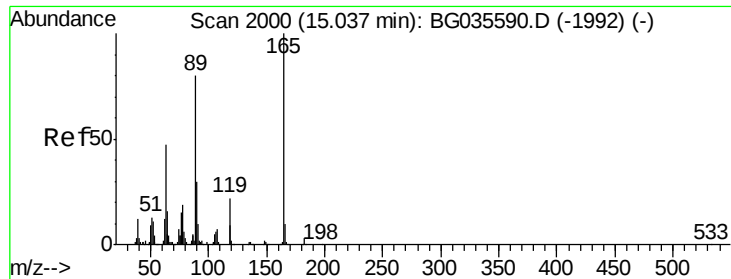
#53
2,4-Dinitrophenol
Concen: 6.634 ng
RT: 14.94 min Scan# 1984
Delta R.T. 0.18 min
Lab File: BG035829.D
Acq: 23 Jul 2018 15:58

Tgt Ion:184 Resp: 58
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

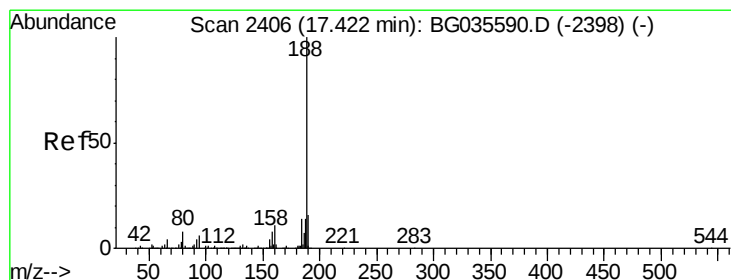
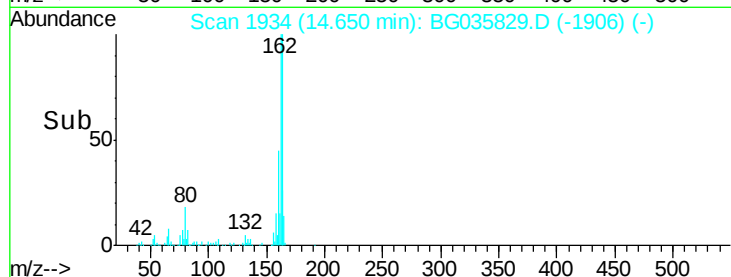
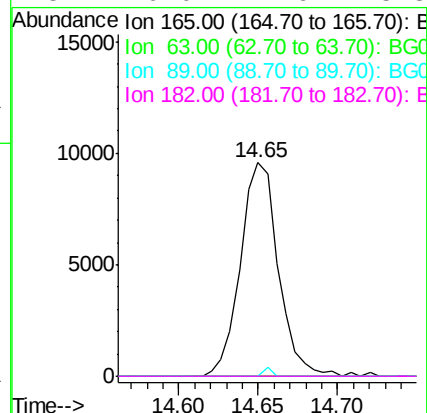
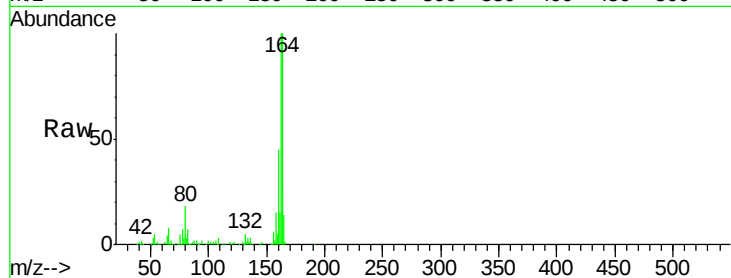




#56
 2,4-Dinitrotoluene
 Concen: 5.493 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.36 min
 Lab File: BG035829.D
 Acq: 23 Jul 2018 15:58

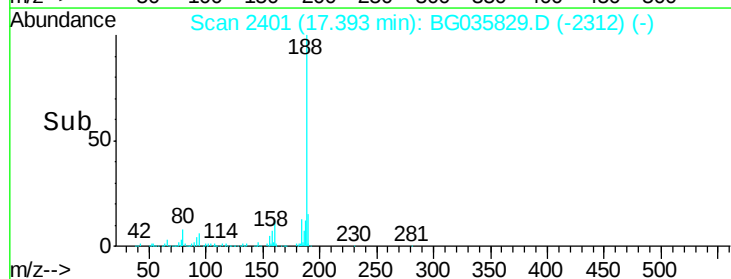
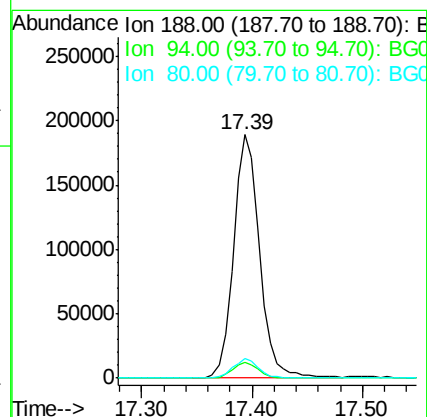
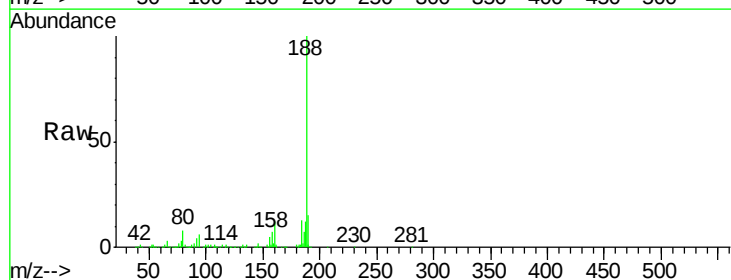
Instrument :
 BNA_G
 ClientSampleId :
 TP-2

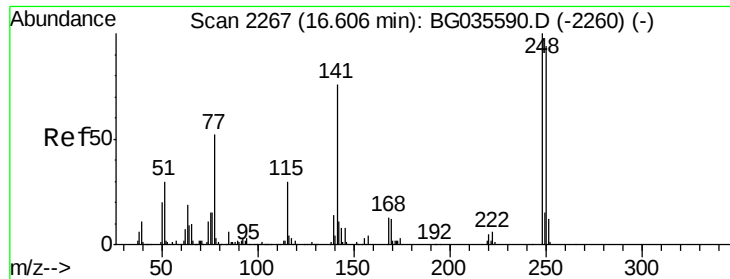
Tgt Ion:165 Resp: 15876
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2401
 Delta R.T. -0.00 min
 Lab File: BG035829.D
 Acq: 23 Jul 2018 15:58

Tgt Ion:188 Resp: 310883
 Ion Ratio Lower Upper
 188 100
 94 6.5 6.9 10.3#
 80 7.9 7.7 11.5

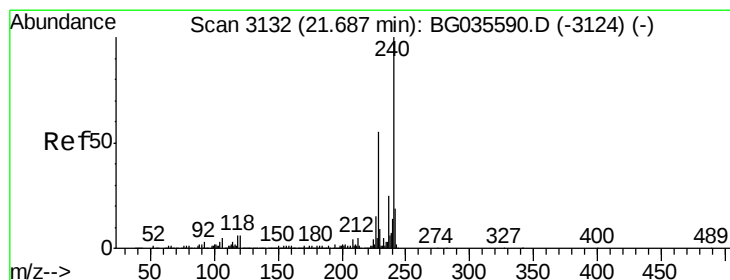
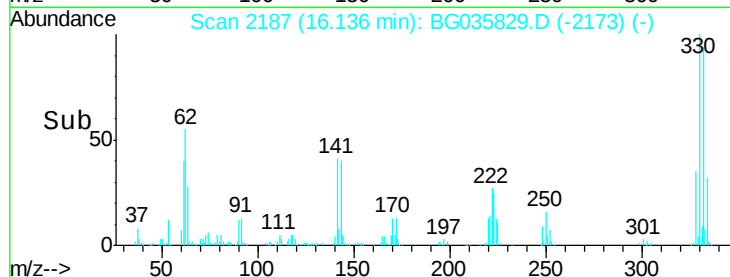
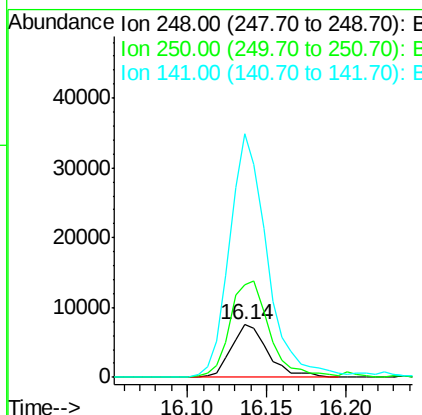
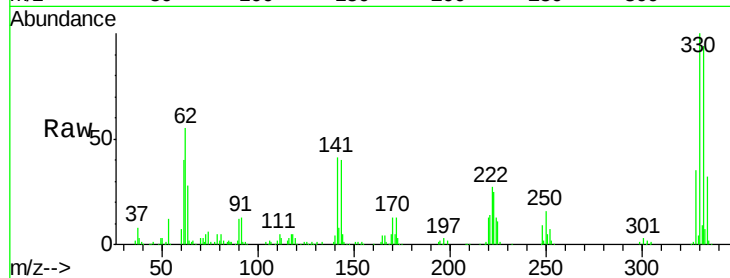




#66
4-Bromophenyl-phenylether
Concen: 3.333 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.45 min
Lab File: BG035829.D
Acq: 23 Jul 2018 15:58

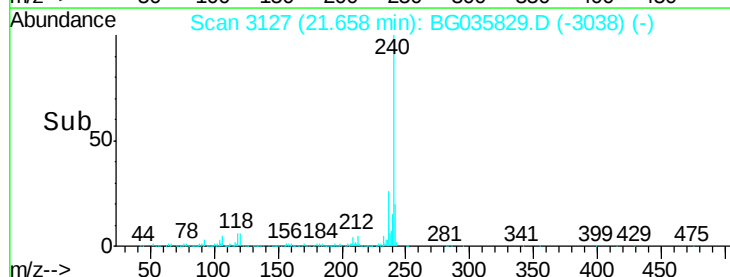
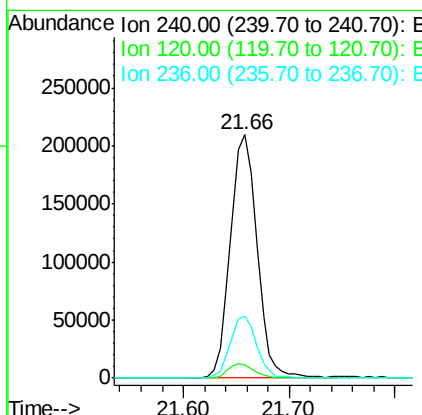
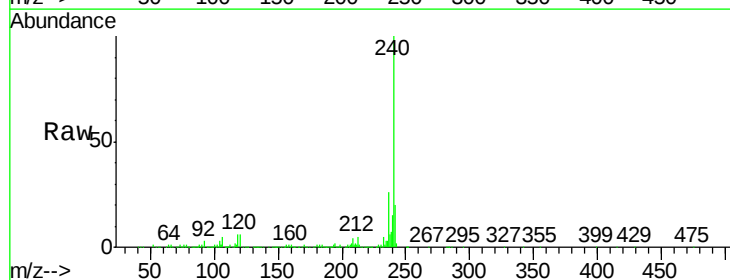
Instrument :
BNA_G
ClientSampleId :
TP-2

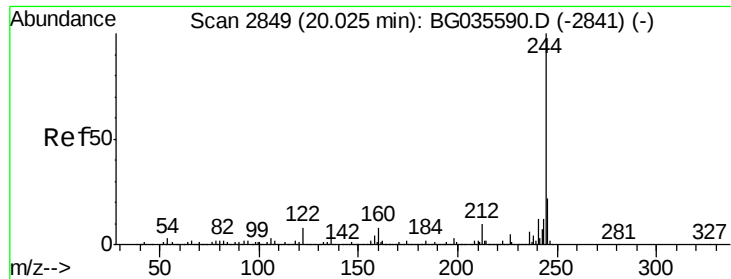
Tgt Ion:248 Resp: 12022
Ion Ratio Lower Upper
248 100
250 176.6 77.1 115.7#
141 461.6 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG035829.D
Acq: 23 Jul 2018 15:58

Tgt Ion:240 Resp: 366514
Ion Ratio Lower Upper
240 100
120 5.7 6.8 10.2#
236 25.6 20.9 31.3

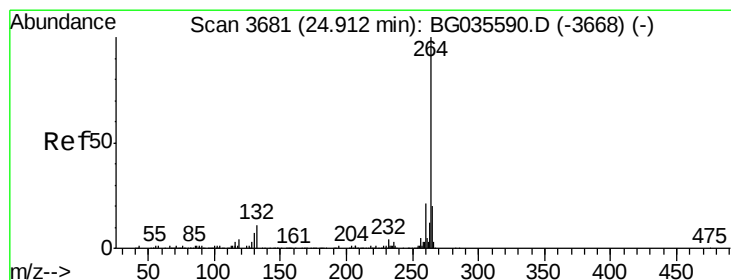
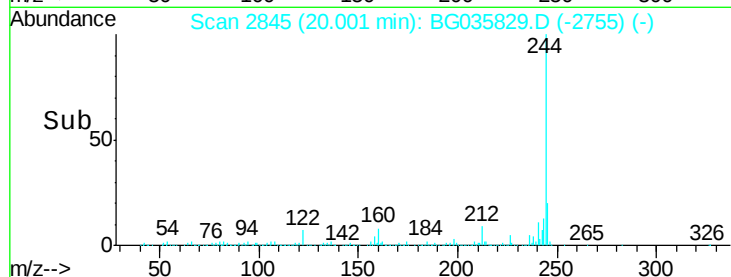
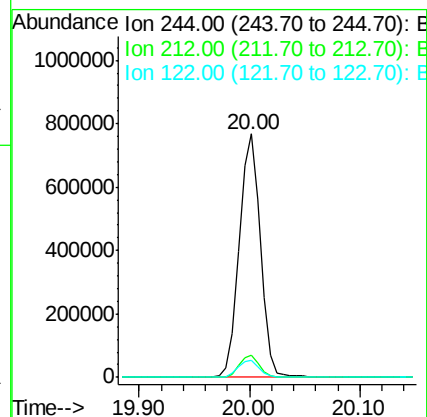
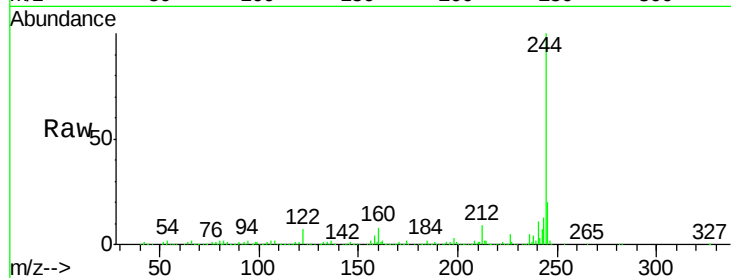




#78
 Terphenyl-d14
 Concen: 62.297 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. 0.00 min
 Lab File: BG035829.D
 Acq: 23 Jul 2018 15:58

Instrument :
 BNA_G
 ClientSampled :
 TP-2

Tgt Ion:244 Resp: 1035823
 Ion Ratio Lower Upper
 244 100
 212 9.1 5.8 8.8#
 122 6.9 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3671
 Delta R.T. -0.00 min
 Lab File: BG035829.D
 Acq: 23 Jul 2018 15:58

Tgt Ion:264 Resp: 356688
 Ion Ratio Lower Upper
 264 100
 260 22.5 17.4 26.0
 265 20.5 17.7 26.5

