

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100518\
 Data File : BG037179.D
 Acq On : 5 Oct 2018 8:01
 Operator : JU/SJ
 Sample : J5241-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 100218-TIPC-E-D-M

Quant Time: Oct 05 08:43:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

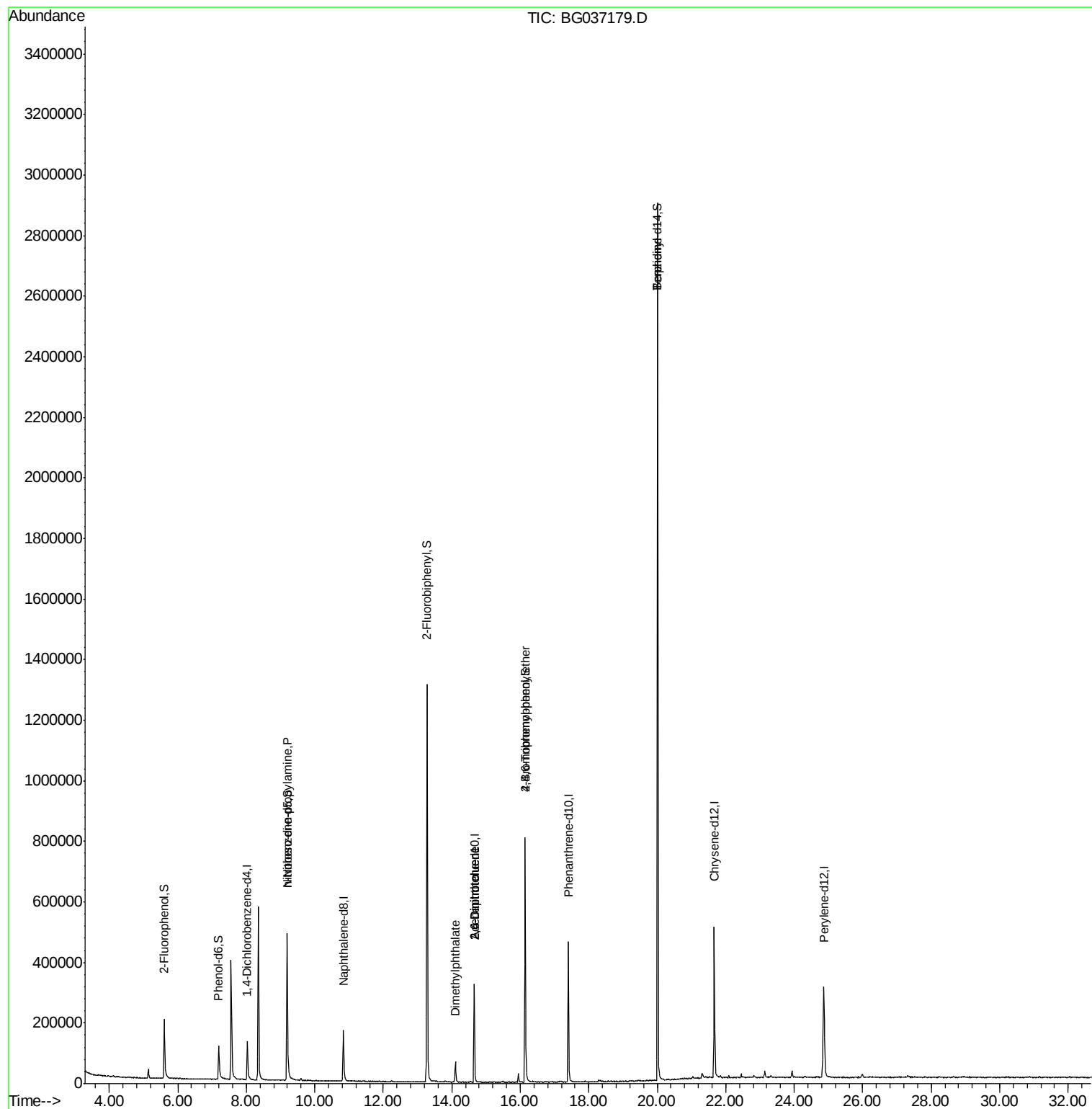
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	42856	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	170268	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	114835	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	302956	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	322384	20.00	ng	-0.02
86) Perylene-d12	24.86	264	321189	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	105801	47.35	ng	-0.01
7) Phenol-d6	7.19	99	89564	25.90	ng	-0.02
23) Nitrobenzene-d5	9.19	82	354702	111.56	ng	-0.02
41) 2,4,6-Tribromophenol	16.14	330	150851	109.80	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	737200	95.61	ng	-0.02
78) Terphenyl-d14	20.01	244	1406160	114.69	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	47478	16.507	ng	Qvalue # 72
49) Dimethylphthalate	14.10	163	53626	5.802	ng	# 99
50) 2,6-Dinitrotoluene	14.65	165	14331	7.106	ng	# 21
56) 2,4-Dinitrotoluene	14.65	165	14331	5.092	ng	# 19
66) 4-Bromophenyl-phenylether	16.14	248	10714	3.109	ng	# 1
76) Benzidine	20.01	184	26293	2.698	ng	# 94

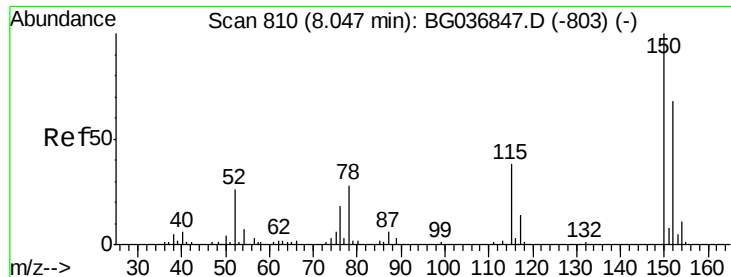
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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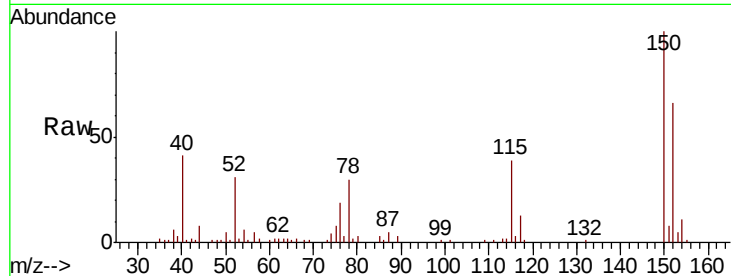


#1

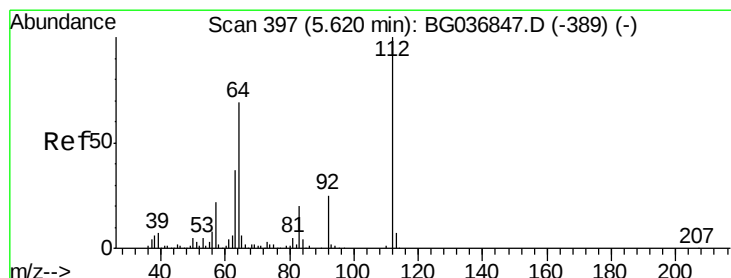
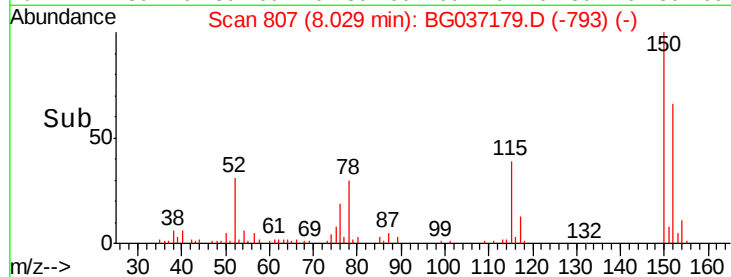
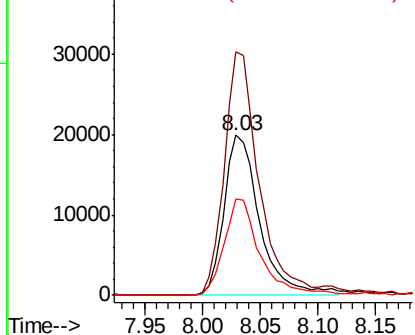
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037179.D
Acq: 5 Oct 2018 8:01

Instrument :
BNA_G
ClientSampleId :
100218-TIPC-E-D-M

Tgt Ion:152 Resp: 42856
Ion Ratio Lower Upper
152 100
150 151.9 119.5 179.3
115 59.9 44.5 66.7



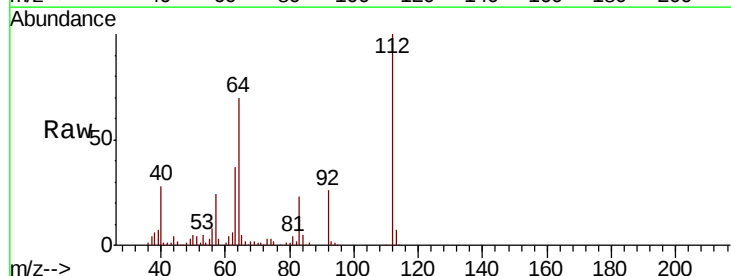
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



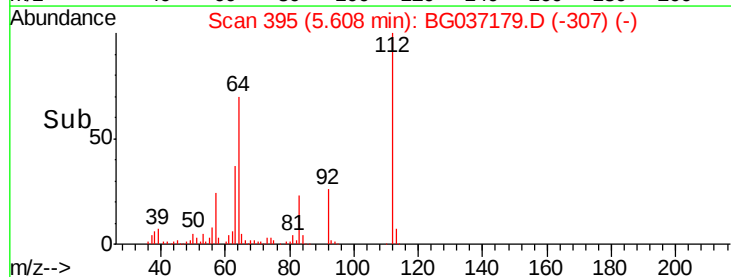
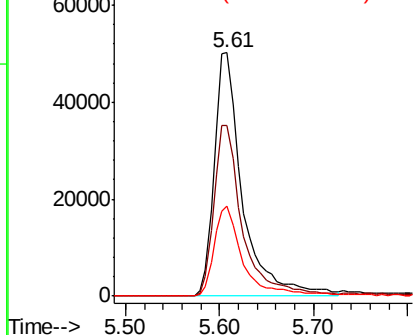
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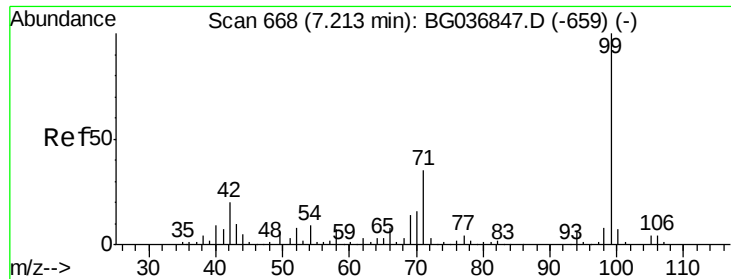
2-Fluorophenol
Concen: 47.345 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG037179.D
Acq: 5 Oct 2018 8:01

Tgt Ion:112 Resp: 105801
Ion Ratio Lower Upper
112 100
64 70.3 57.2 85.8
63 36.8 30.8 46.2



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





#7

Phenol-d6

Concen: 25.905 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037179.D

Acq: 5 Oct 2018 8:01

Instrument :

BNA_G

ClientSampleId :

100218-TIPC-E-D-M

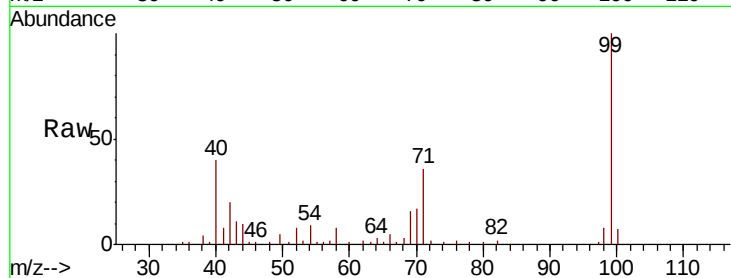
Tgt Ion: 99 Resp: 89564

Ion Ratio Lower Upper

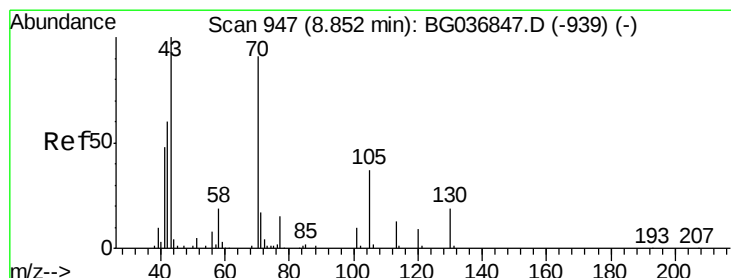
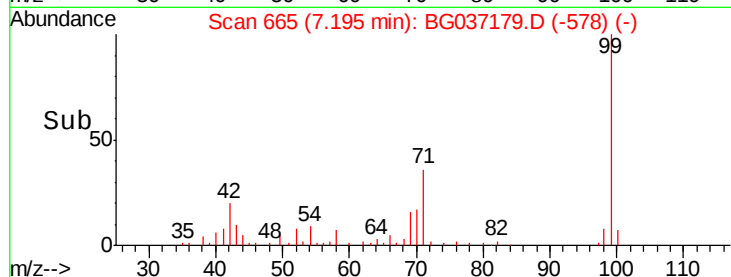
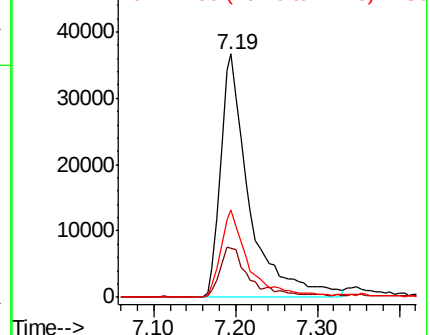
99 100

42 20.2 16.5 24.7

71 35.7 29.4 44.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.507 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.34 min

Lab File: BG037179.D

Acq: 5 Oct 2018 8:01

Tgt Ion: 70 Resp: 47478

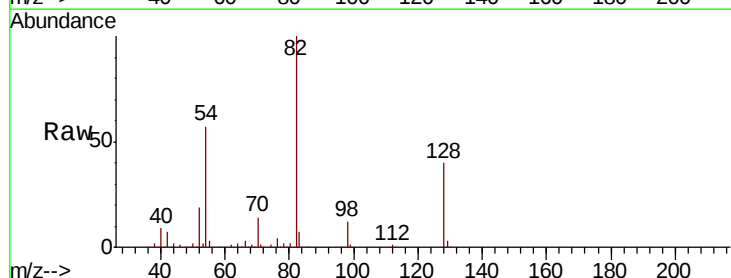
Ion Ratio Lower Upper

70 100

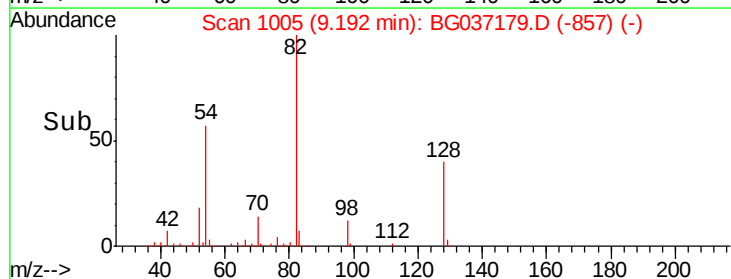
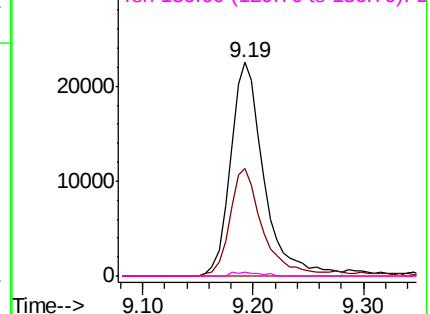
42 50.1 56.2 84.4#

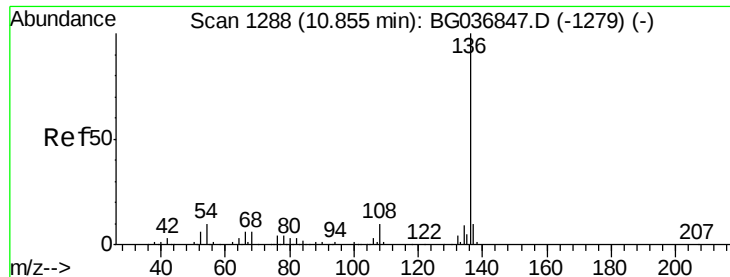
101 0.0 7.8 11.6#

130 1.9 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

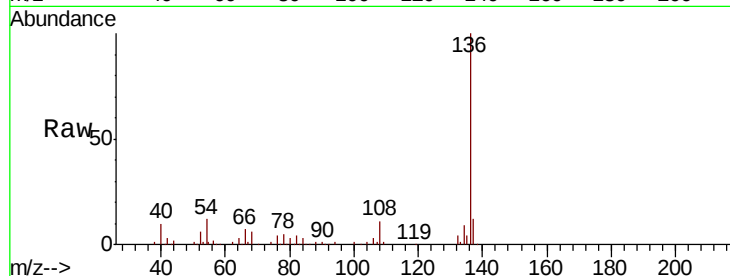




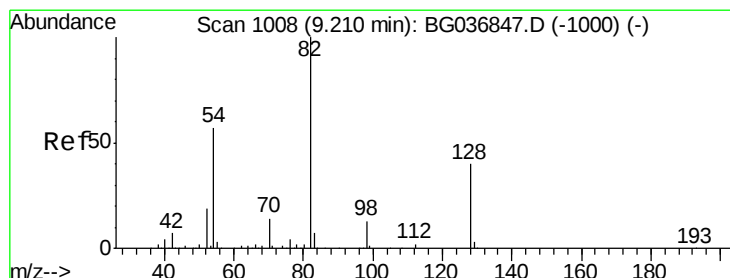
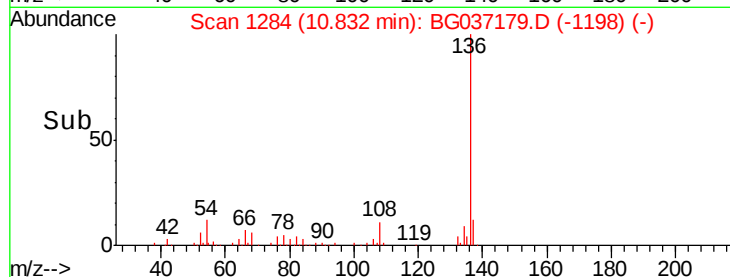
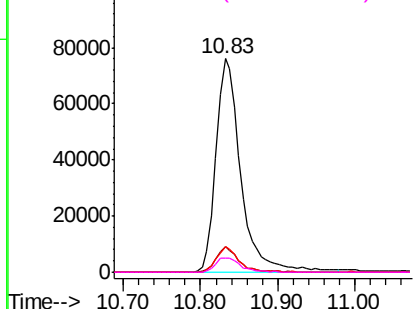
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG037179.D
Acq: 5 Oct 2018 8:01

Instrument :
BNA_G
ClientSampleId :
100218-TIPC-E-D-M

Tgt Ion:	136	Resp:	170268
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	11.9	9.2	13.8
68	6.4	5.8	8.6

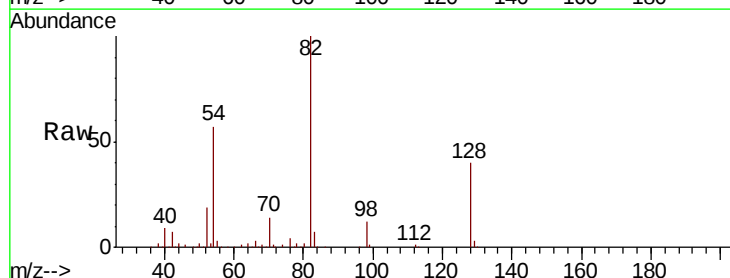


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

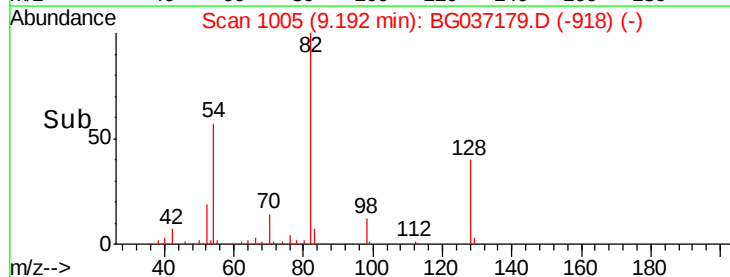
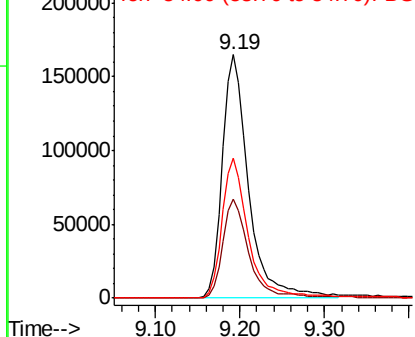


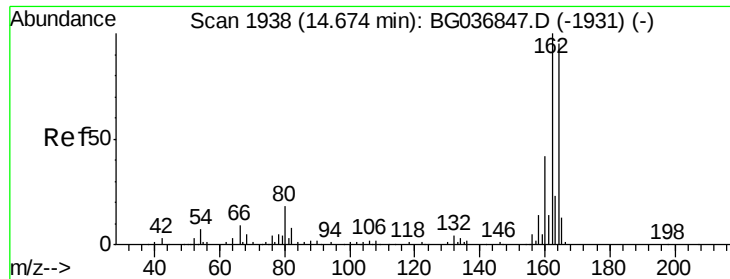
#23
Nitrobenzene-d5
Concen: 111.557 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037179.D
Acq: 5 Oct 2018 8:01

Tgt Ion:	82	Resp:	354702
Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.3	49.9
54	57.2	45.1	67.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1935

Delta R.T. -0.02 min

Lab File: BG037179.D

Acq: 5 Oct 2018 8:01

Instrument :

BNA_G

ClientSampleId :

100218-TIPC-E-D-M

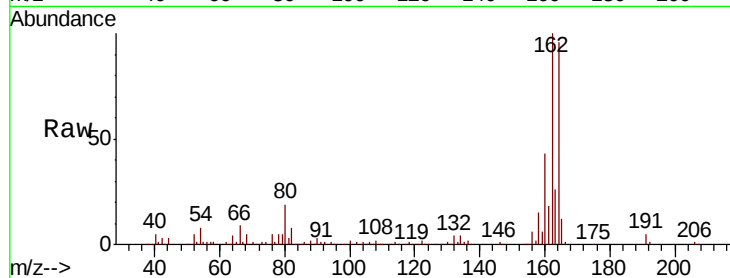
Tgt Ion:164 Resp: 114835

Ion Ratio Lower Upper

164 100

162 104.4 80.7 121.1

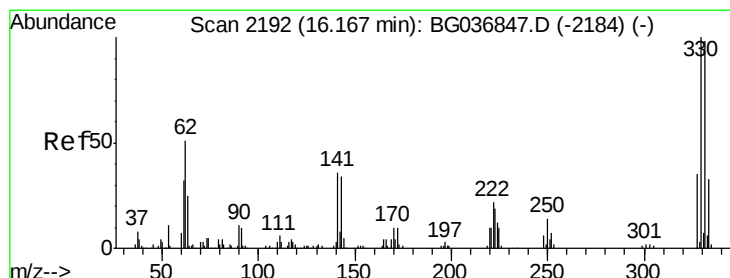
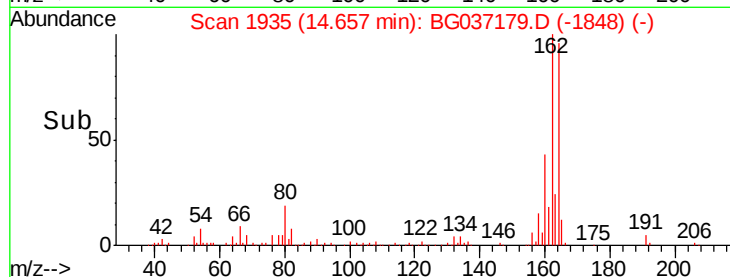
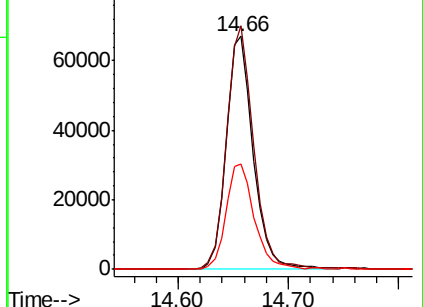
160 45.2 35.3 52.9



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: 109.795 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BG037179.D

Acq: 5 Oct 2018 8:01

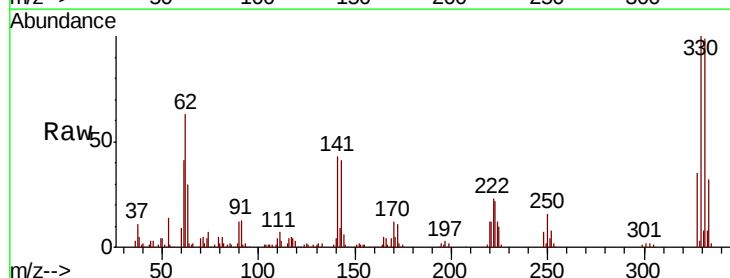
Tgt Ion:330 Resp: 150851

Ion Ratio Lower Upper

330 100

332 98.1 75.4 113.2

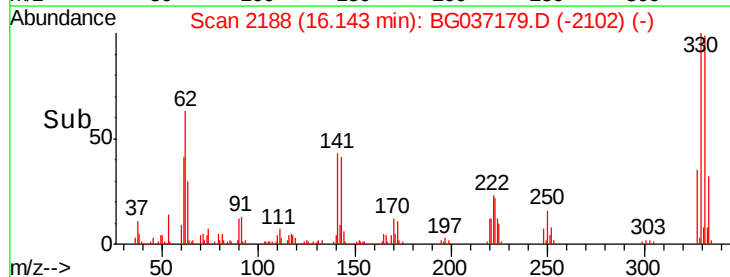
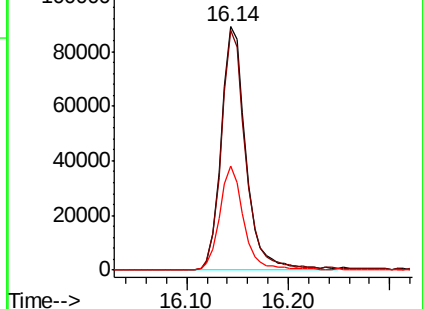
141 41.1 30.7 46.1

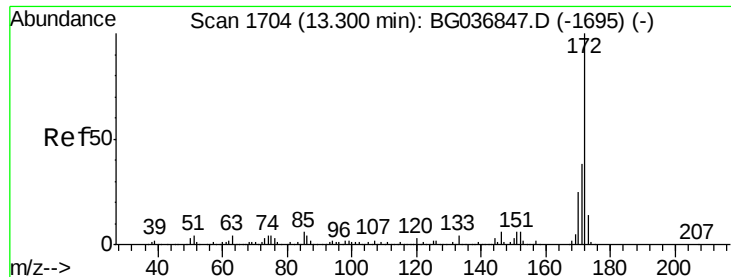


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

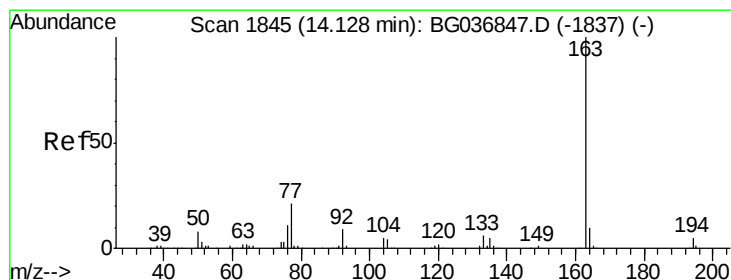
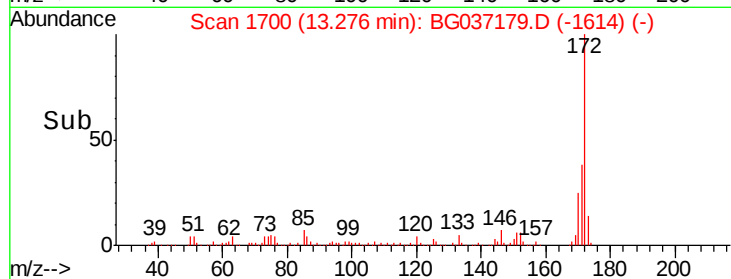
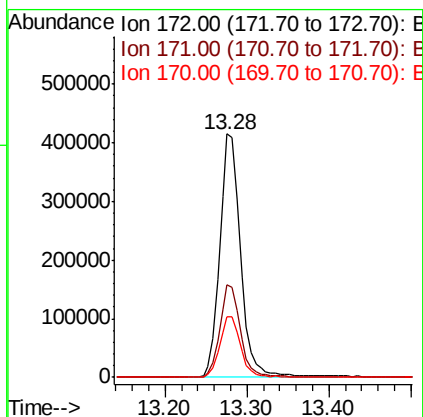
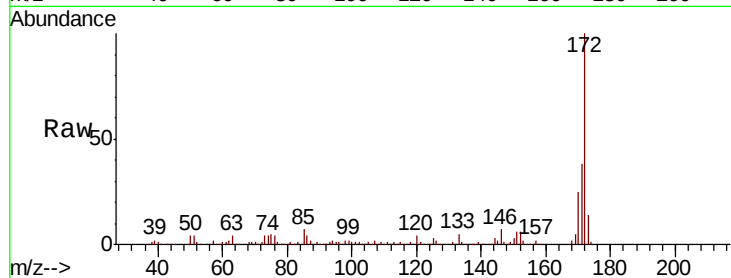




#44
2-Fluorobiphenyl
Concen: 95.614 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.02 min
Lab File: BG037179.D
Acq: 5 Oct 2018 8:01

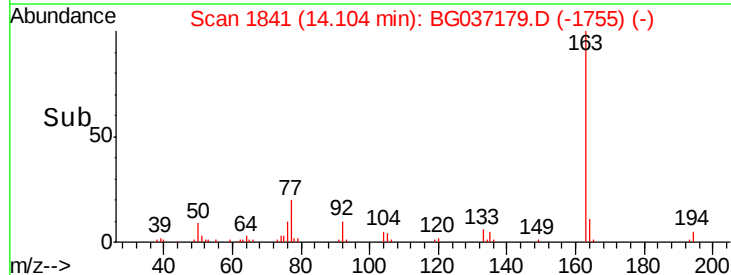
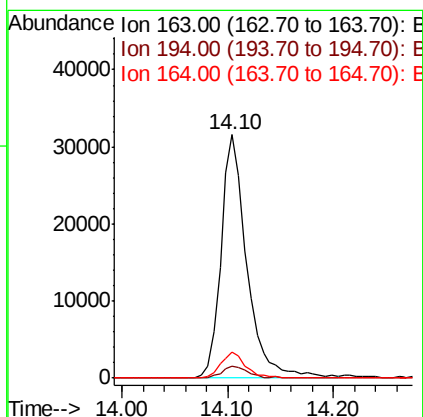
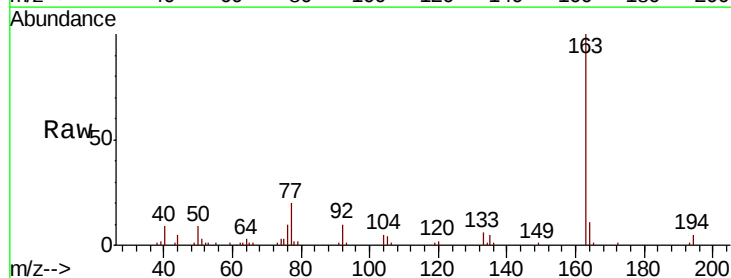
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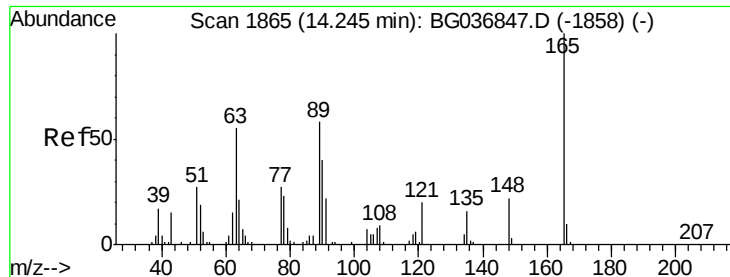
Tgt Ion:172 Resp: 737200
Ion Ratio Lower Upper
172 100
171 37.9 31.3 46.9
170 25.0 21.0 31.6



#49
Dimethylphthalate
Concen: 5.802 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.02 min
Lab File: BG037179.D
Acq: 5 Oct 2018 8:01

Tgt Ion:163 Resp: 53626
Ion Ratio Lower Upper
163 100
194 4.7 4.0 6.0
164 10.6 8.1 12.1

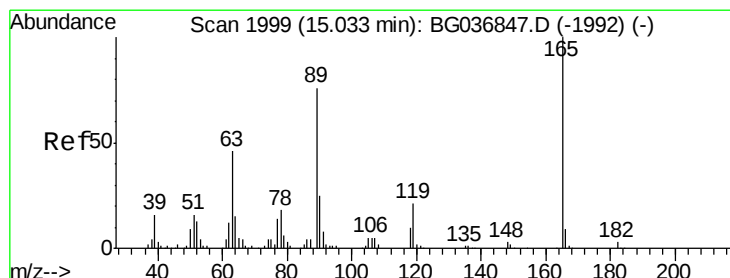
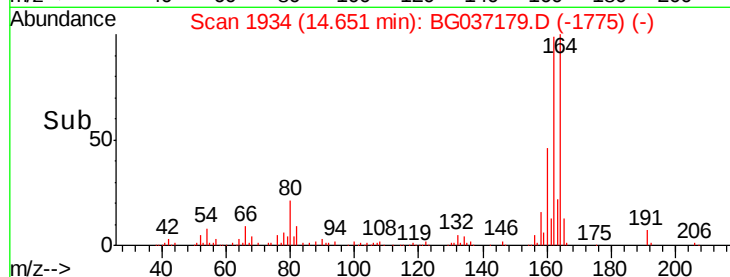
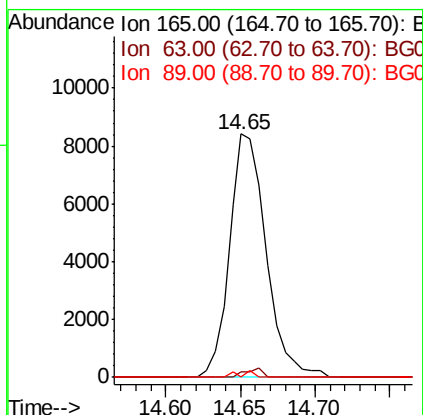
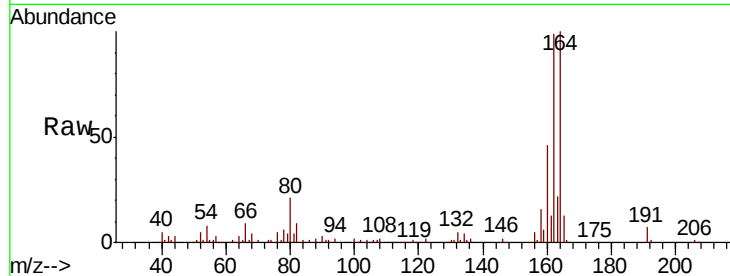




#50
 2,6-Dinitrotoluene
 Concen: 7.106 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.41 min
 Lab File: BG037179.D
 Acq: 5 Oct 2018 8:01

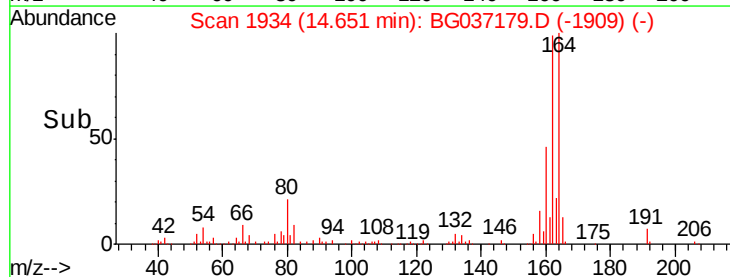
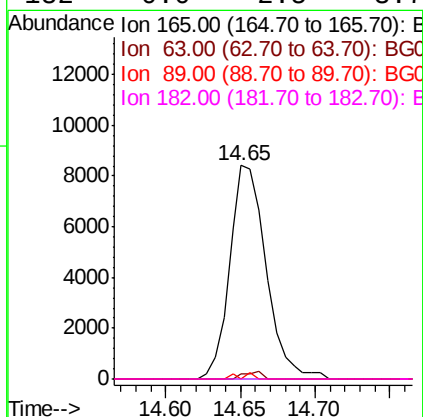
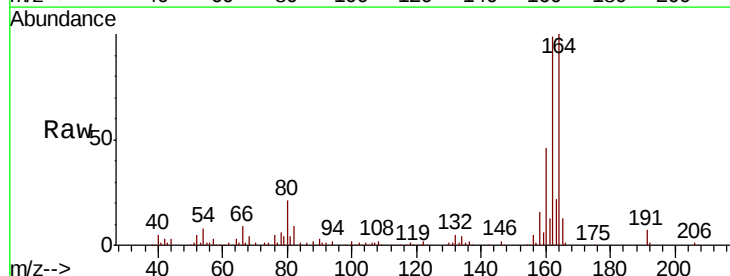
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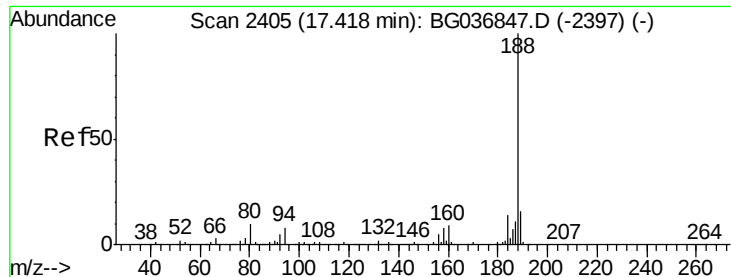
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	50.1	75.1#
89	0.0	47.8	71.6#



#56
 2,4-Dinitrotoluene
 Concen: 5.092 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.38 min
 Lab File: BG037179.D
 Acq: 5 Oct 2018 8:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#

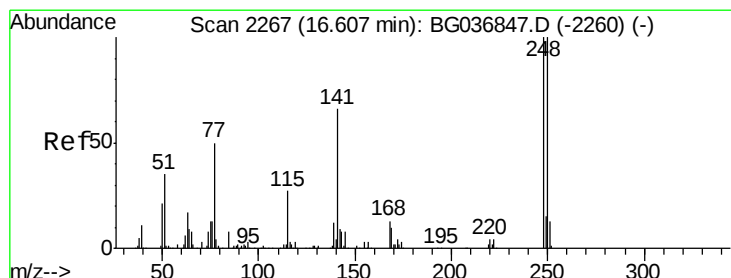
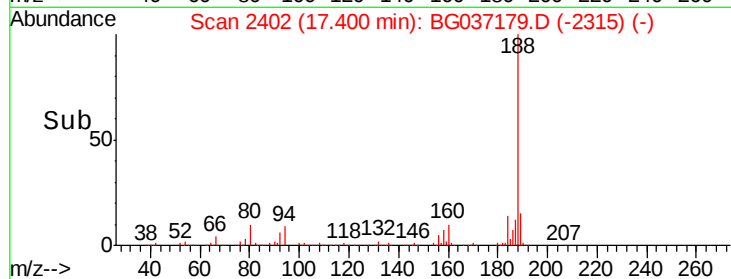
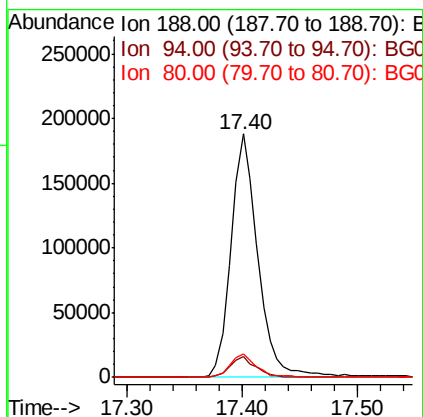
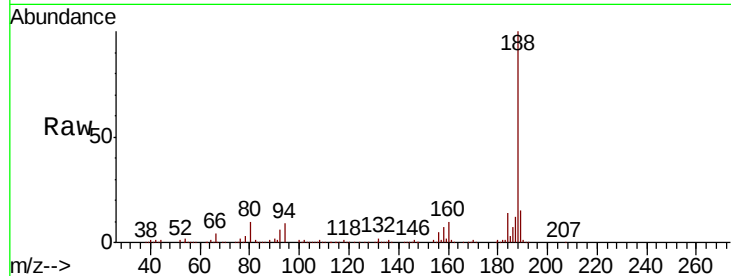




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037179.D
Acq: 5 Oct 2018 8:01

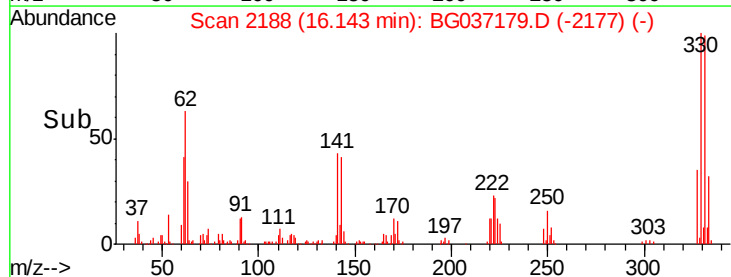
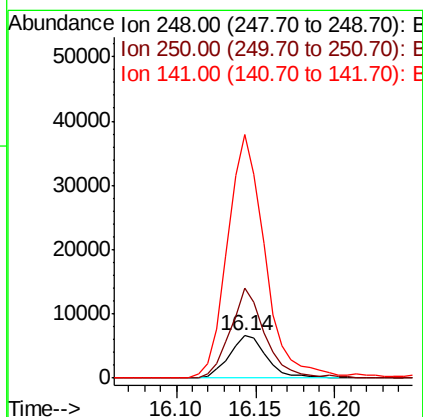
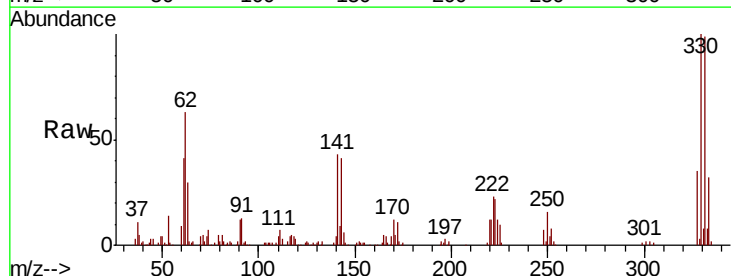
Instrument :
BNA_G
ClientSampleId :
100218-TIPC-E-D-M

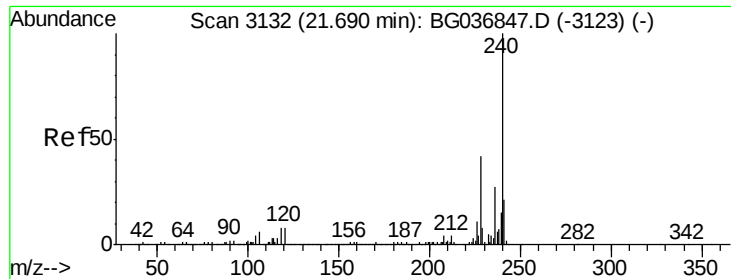
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.7	10.1
80	9.9	8.1	12.1



#66
4-Bromophenyl-phenylether
Concen: 3.109 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.46 min
Lab File: BG037179.D
Acq: 5 Oct 2018 8:01

Tgt Ion	Ratio	Lower	Upper
248	100		
250	211.9	78.1	117.1#
141	576.5	53.7	80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BG037179.D

Acq: 5 Oct 2018 8:01

Instrument :

BNA_G

ClientSampleId :

100218-TIPC-E-D-M

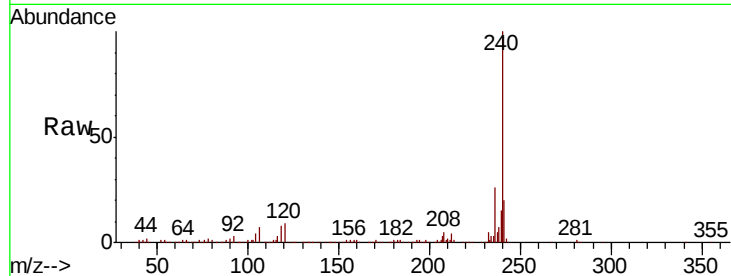
Tgt Ion:240 Resp: 322384

Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

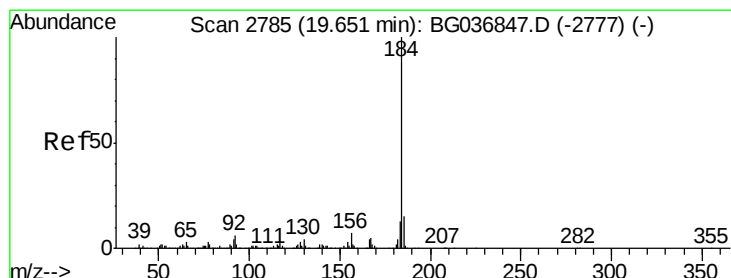
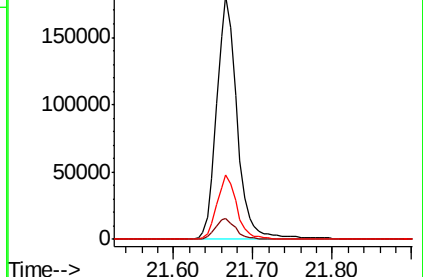
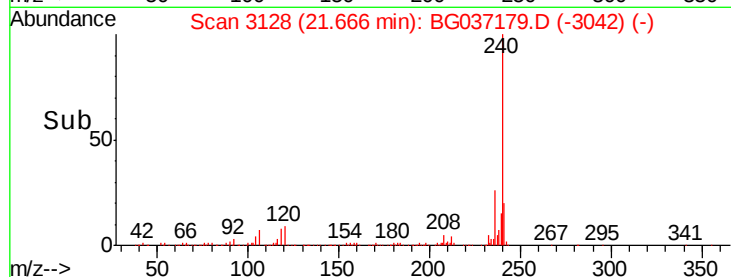
236 26.4 21.2 31.8



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



#76

Benzidine

Concen: 2.698 ng

RT: 20.01 min Scan# 2846

Delta R.T. 0.36 min

Lab File: BG037179.D

Acq: 5 Oct 2018 8:01

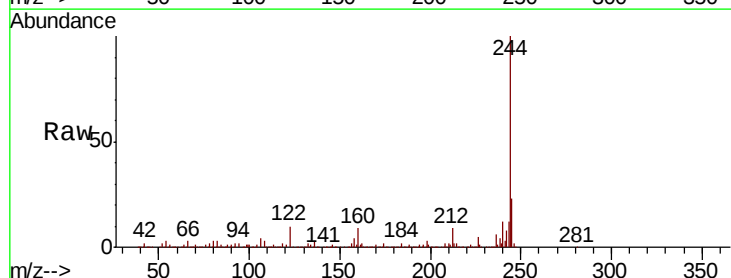
Tgt Ion:184 Resp: 26293

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

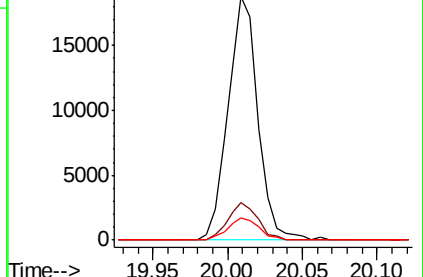
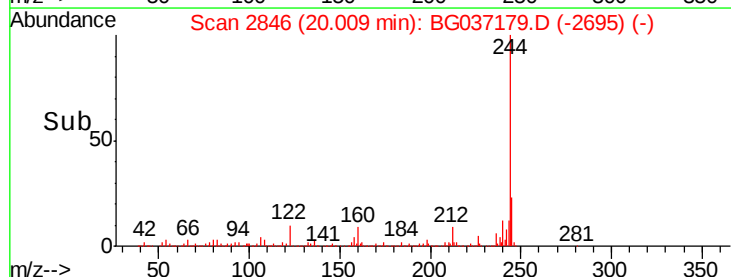
183 9.1 10.9 16.3#

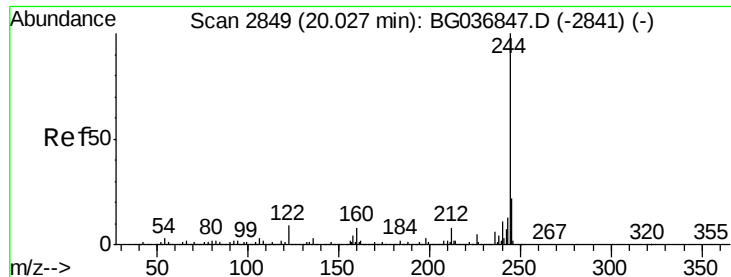


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 114.692 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BG037179.D

Acq: 5 Oct 2018 8:01

Instrument :

BNA_G

ClientSampleId :

100218-TIPC-E-D-M

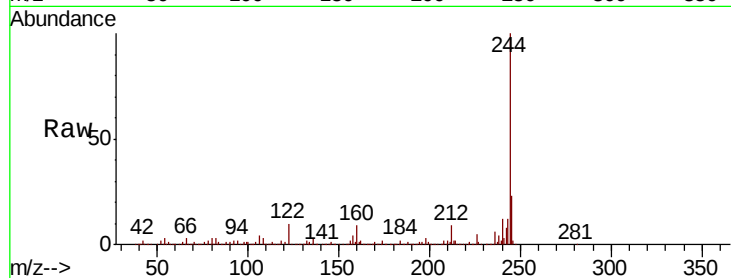
Tgt Ion:244 Resp: 1406160

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

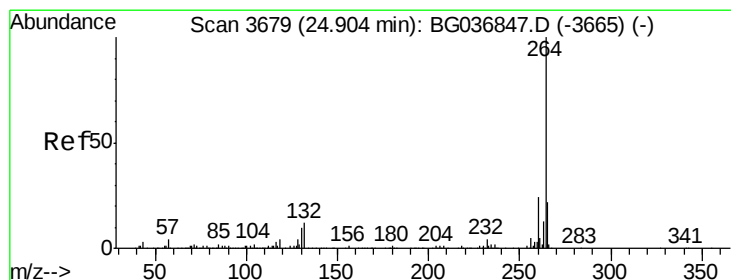
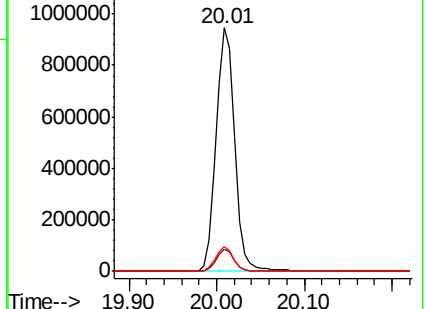
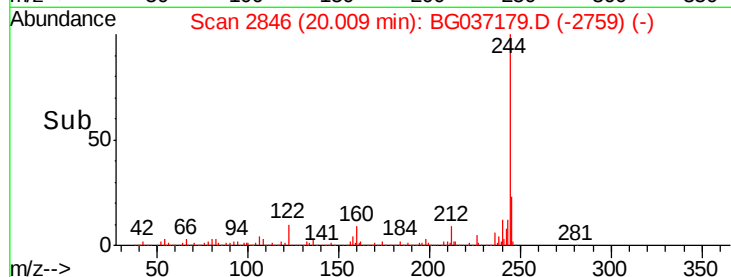
122 9.9 7.1 10.7



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: 24.86 min Scan# 3672

Delta R.T. -0.04 min

Lab File: BG037179.D

Acq: 5 Oct 2018 8:01

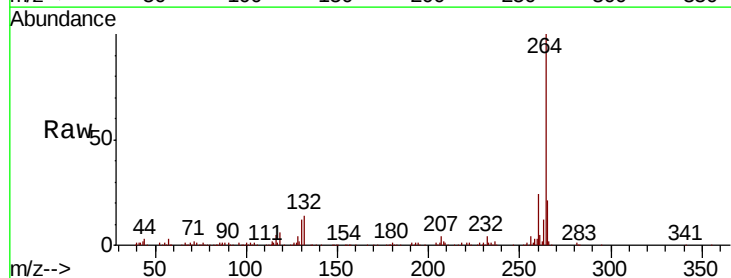
Tgt Ion:264 Resp: 321189

Ion Ratio Lower Upper

264 100

260 23.8 19.6 29.4

265 20.9 17.4 26.0



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

