

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073018\
 Data File : BG035970.D
 Acq On : 30 Jul 2018 11:10
 Operator : JU/SJ
 Sample : PB111535BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111535BL

Quant Time: Jul 30 11:51:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

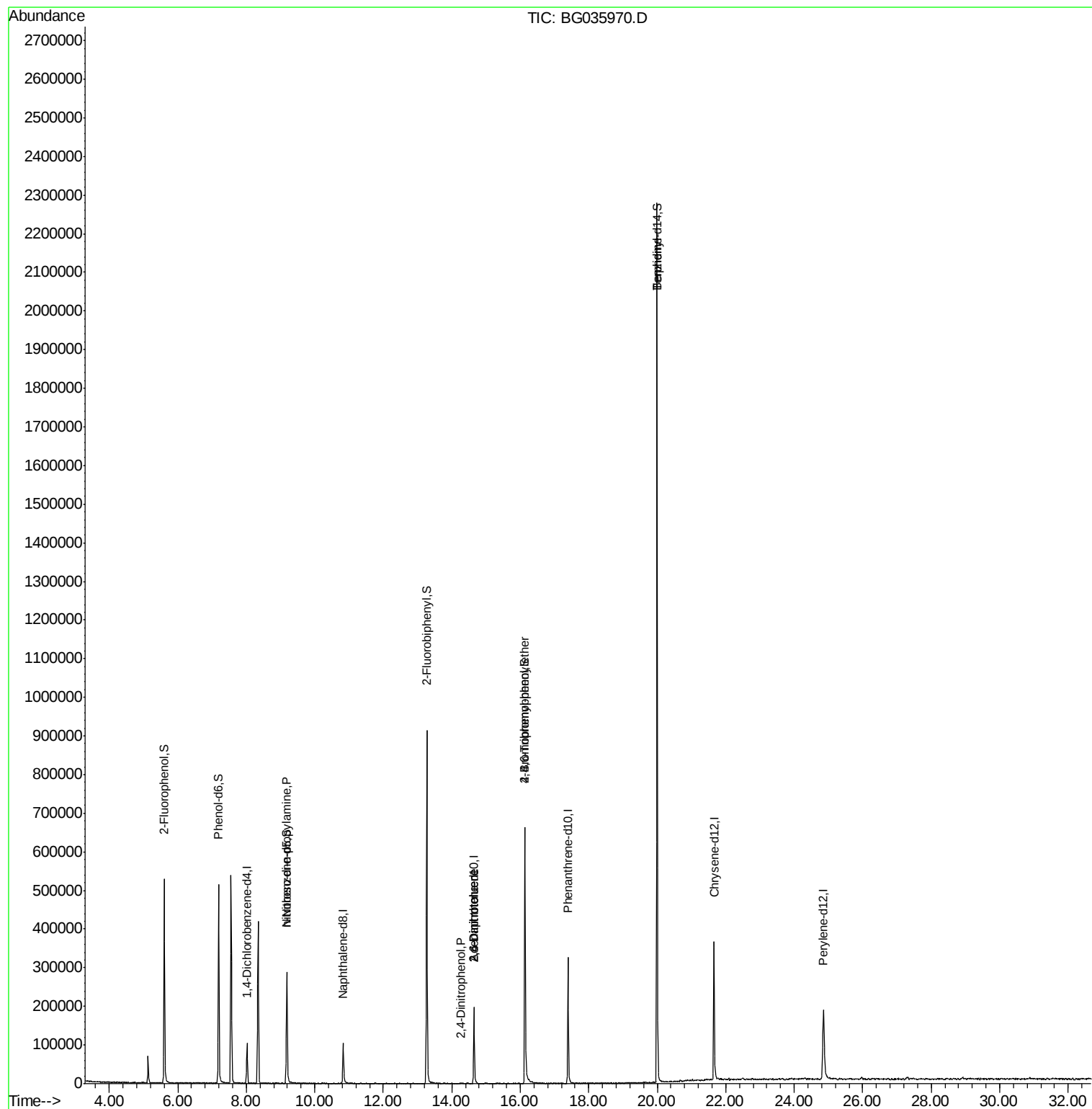
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	29029	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	103273	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	80662	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	241733	20.00	ng	0.00
75) Chrysene-d12	21.66	240	266498	20.00	ng	0.00
86) Perylene-d12	24.85	264	245267	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	239074	136.73	ng	0.00
7) Phenol-d6	7.19	99	336791	129.10	ng	0.00
23) Nitrobenzene-d5	9.19	82	214660	86.83	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	143720	135.18	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	540587	89.79	ng	0.00
78) Terphenyl-d14	19.99	244	1175510	97.23	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	29649	13.497	ng	# 70
50) 2,6-Dinitrotoluene	14.65	165	11050	7.678	ng	# 18
53) 2,4-Dinitrophenol	14.27	184	56	6.652	ng	# 1
56) 2,4-Dinitrotoluene	14.65	165	11049	5.352	ng	# 16
66) 4-Bromophenyl-phenylether	16.13	248	11890	4.240	ng	# 1
76) Benzidine	20.00	184	19344	2.761	ng	# 93

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

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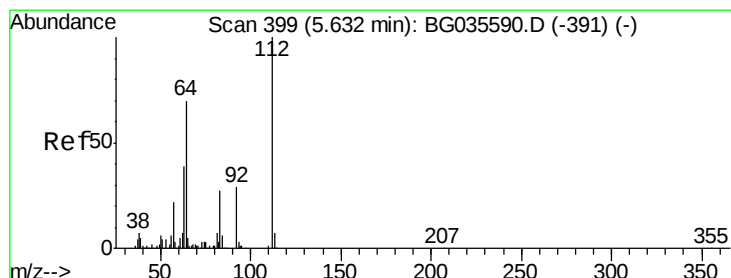
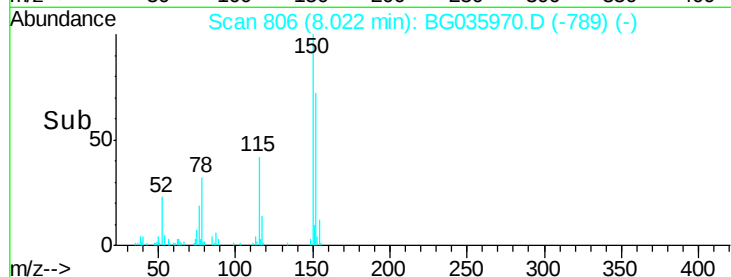
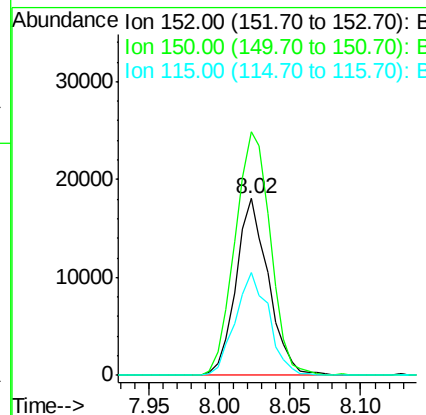
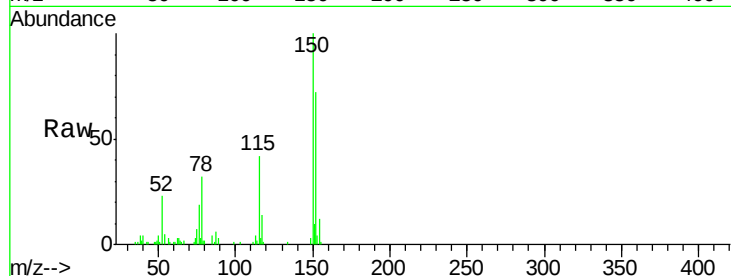


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035970.D
Acq: 30 Jul 2018 11:10

Instrument :
BNA_G
ClientSampleId :
PB111535BL

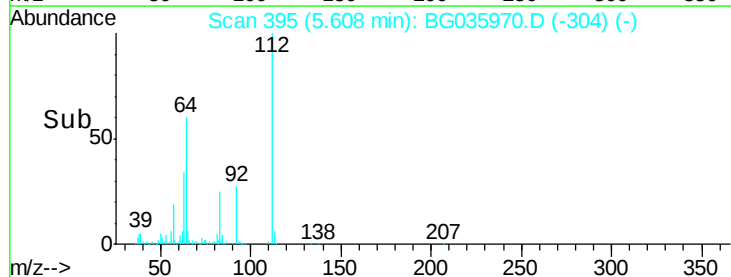
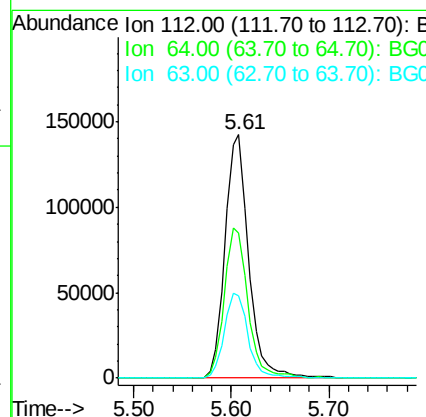
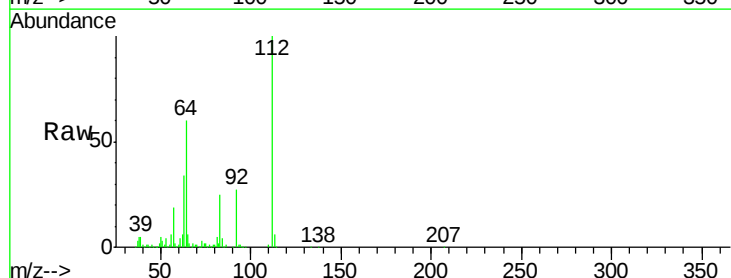
Tgt Ion:152 Resp: 29029
Ion Ratio Lower Upper
152 100
150 137.9 126.6 189.8
115 58.3 53.0 79.4

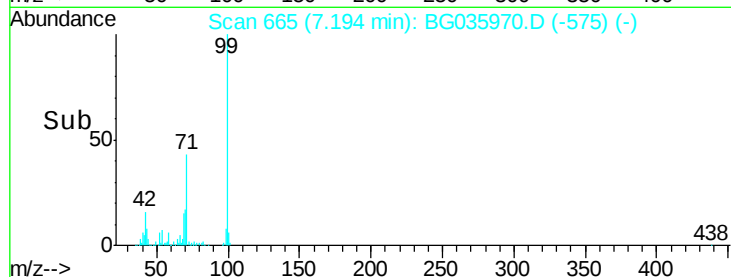
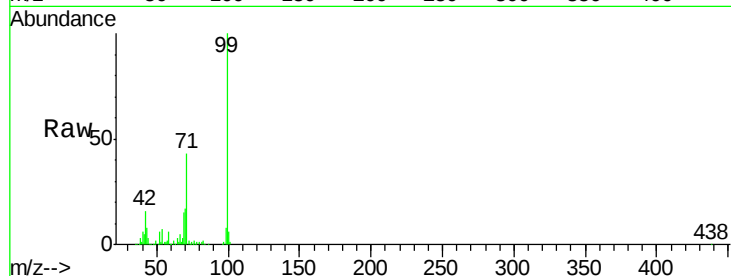
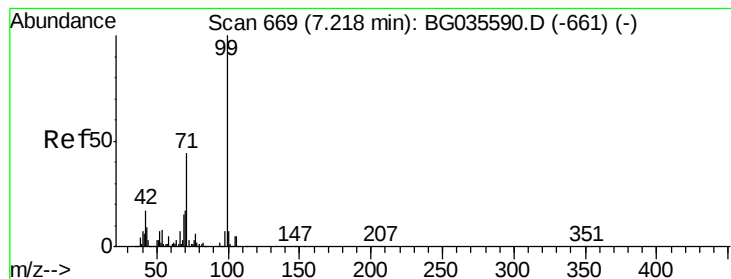


#5

2-Fluorophenol
Concen: 136.732 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035970.D
Acq: 30 Jul 2018 11:10

Tgt Ion:112 Resp: 239074
Ion Ratio Lower Upper
112 100
64 59.7 56.3 84.5
63 34.0 30.1 45.1





#7

Phenol-d6

Concen: 129.102 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035970.D

Acq: 30 Jul 2018 11:10

Instrument :

BNA_G

ClientSampleId :

PB111535BL

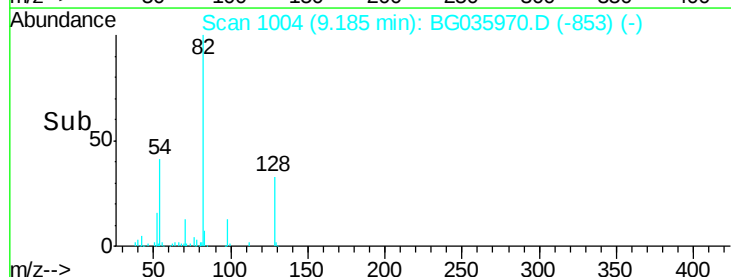
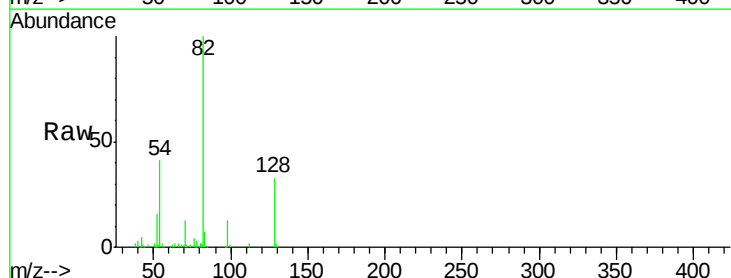
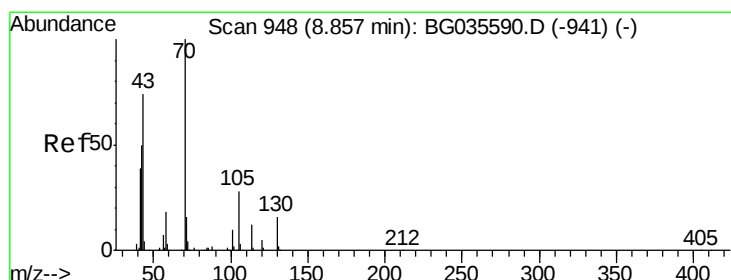
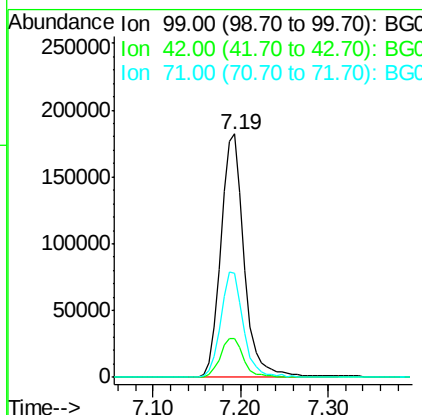
Tgt Ion: 99 Resp: 336791

Ion Ratio Lower Upper

99 100

42 15.7 14.1 21.1

71 42.6 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 13.497 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.36 min

Lab File: BG035970.D

Acq: 30 Jul 2018 11:10

Tgt Ion: 70 Resp: 29649

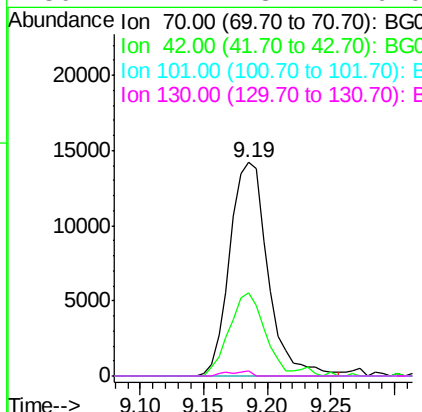
Ion Ratio Lower Upper

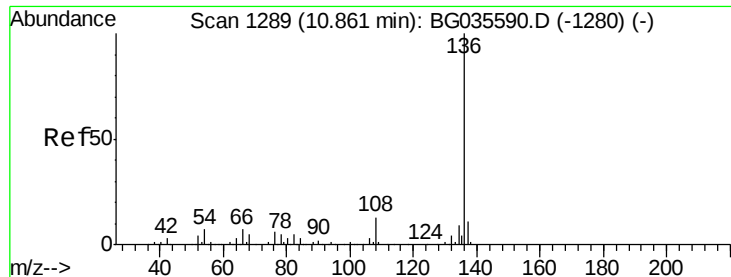
70 100

42 38.8 49.1 73.7#

101 0.0 8.5 12.7#

130 2.1 13.4 20.0#

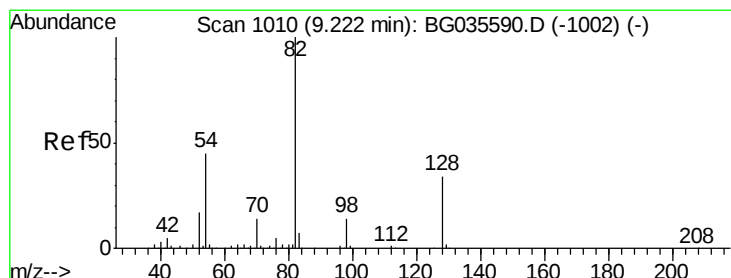
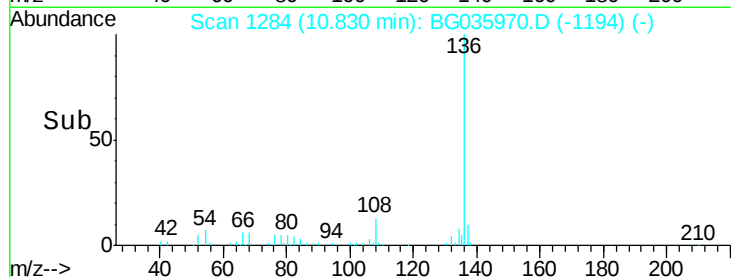
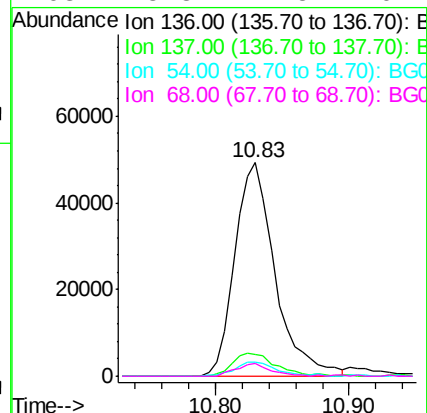
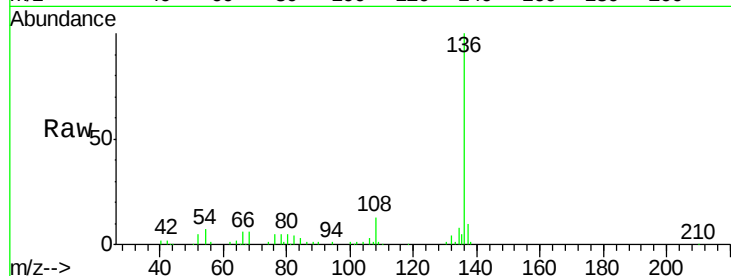




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035970.D
Acq: 30 Jul 2018 11:10

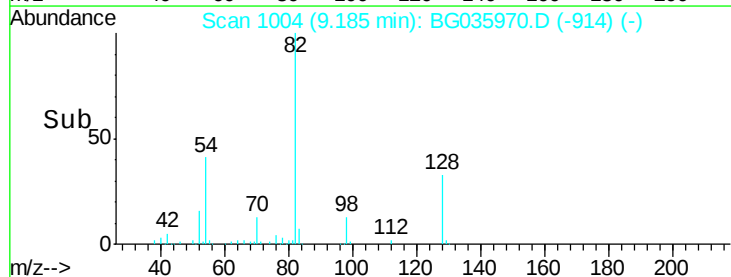
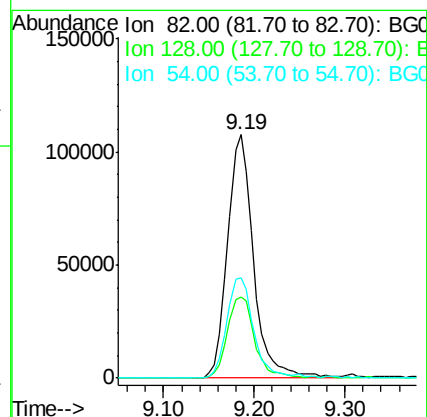
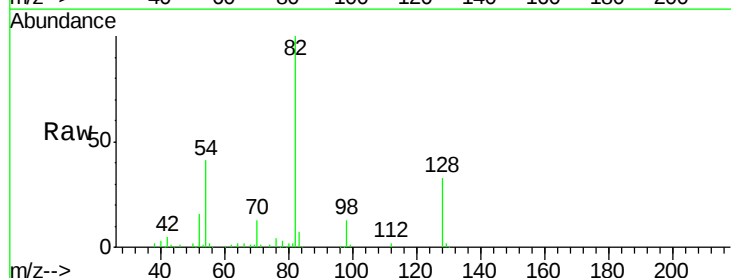
Instrument :
BNA_G
ClientSampleId :
PB111535BL

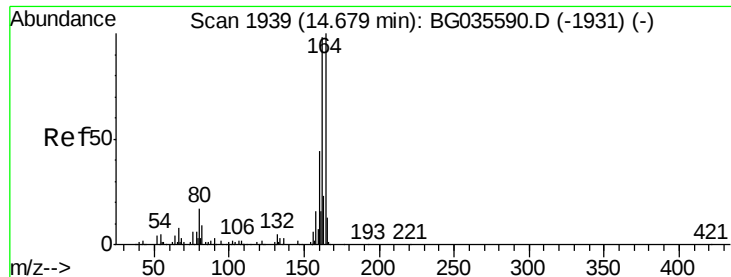
Tgt Ion:	136	Resp:	103273
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	6.6	10.3	15.5#
68	5.8	4.5	6.7



#23
Nitrobenzene-d5
Concen: 86.832 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035970.D
Acq: 30 Jul 2018 11:10

Tgt Ion:	82	Resp:	214660
Ion	Ratio	Lower	Upper
82	100		
128	33.1	29.7	44.5
54	41.2	43.1	64.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG035970.D

Acq: 30 Jul 2018 11:10

Instrument :

BNA_G

ClientSampleId :

PB111535BL

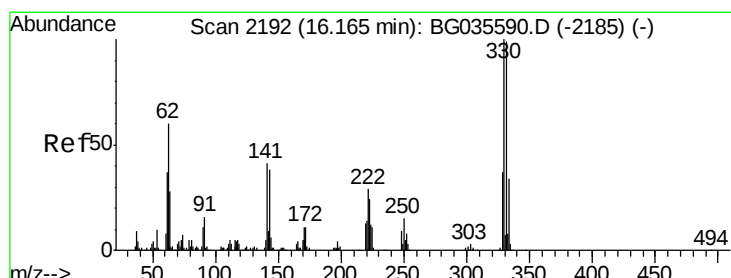
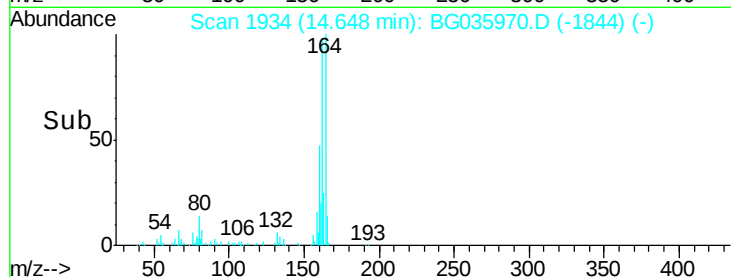
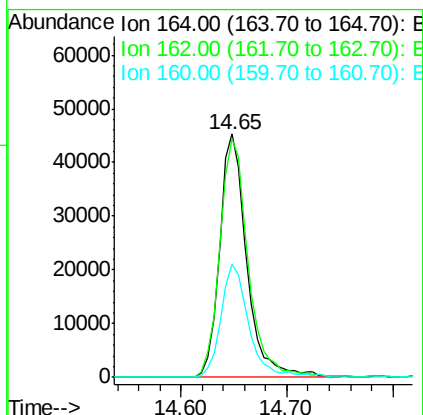
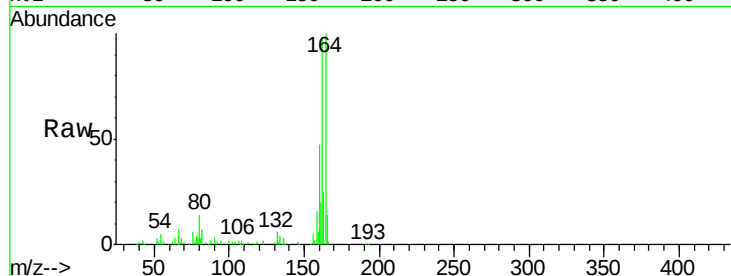
Tgt Ion:164 Resp: 80662

Ion Ratio Lower Upper

164 100

162 98.0 78.8 118.2

160 46.7 35.4 53.0



#41

2,4,6-Tribromophenol

Concen: 135.180 ng

RT: 16.13 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG035970.D

Acq: 30 Jul 2018 11:10

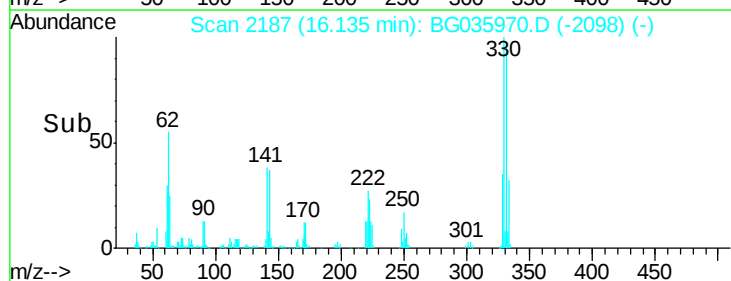
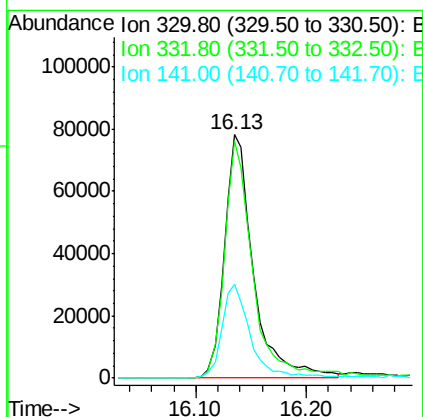
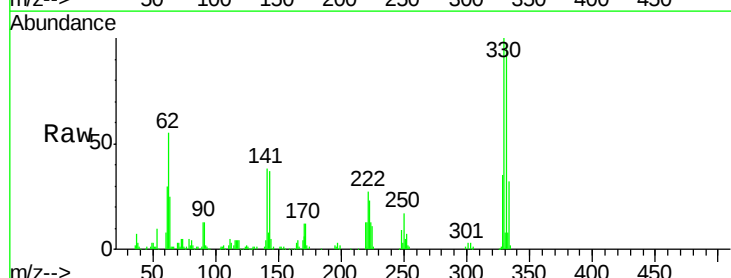
Tgt Ion:330 Resp: 143720

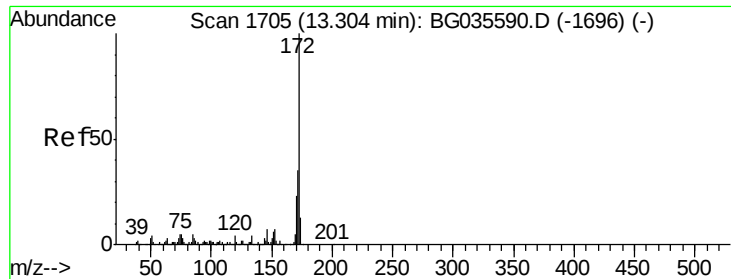
Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

141 38.0 25.2 37.8#

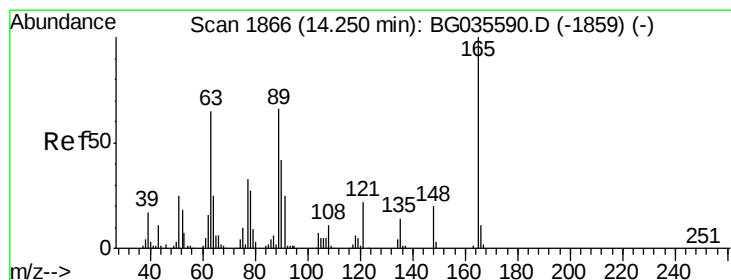
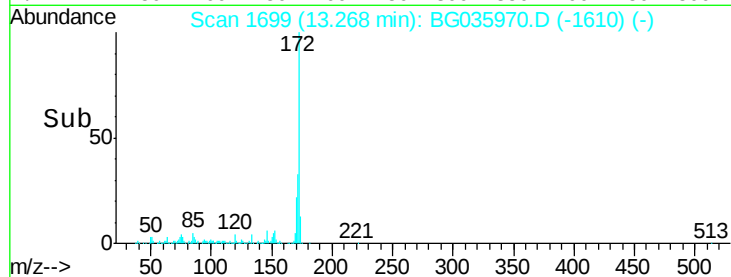
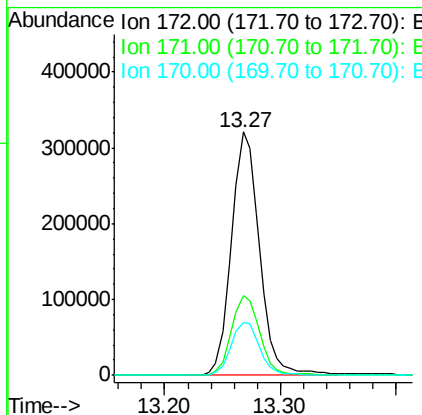
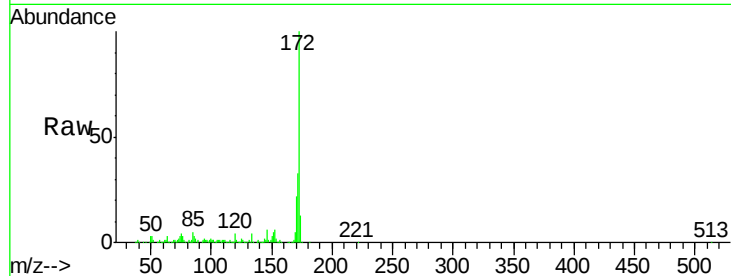




#44
 2-Fluorobiphenyl
 Concen: 89.788 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035970.D
 Acq: 30 Jul 2018 11:10

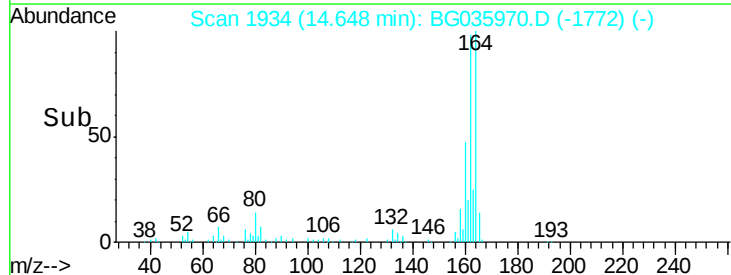
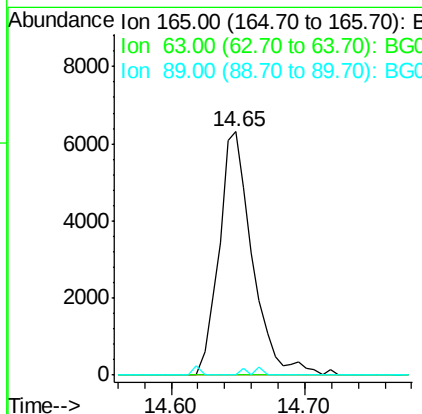
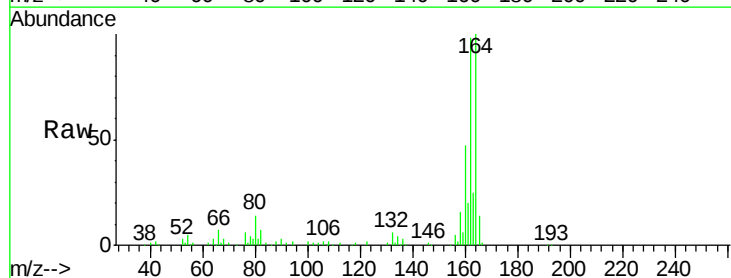
Instrument :
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 ClientSampleId :
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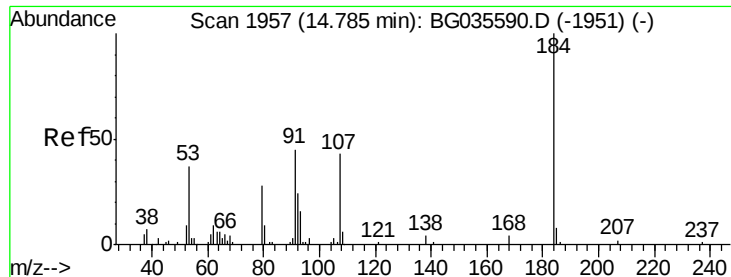
Tgt Ion:172 Resp: 540587
 Ion Ratio Lower Upper
 172 100
 171 32.9 30.0 45.0
 170 22.0 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.678 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.42 min
 Lab File: BG035970.D
 Acq: 30 Jul 2018 11:10

Tgt Ion:165 Resp: 11050
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

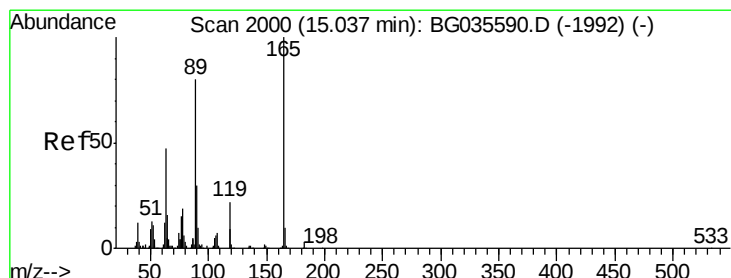
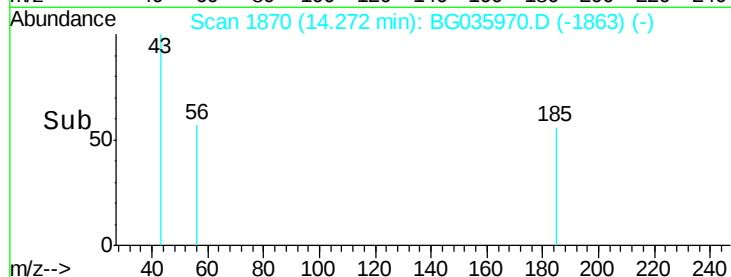
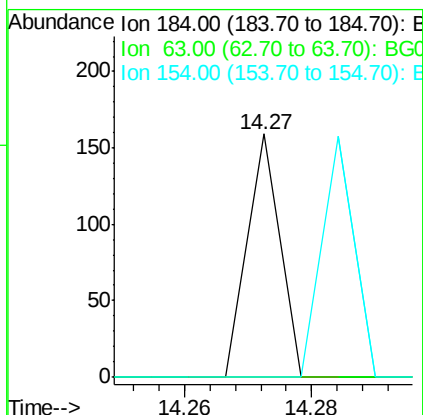
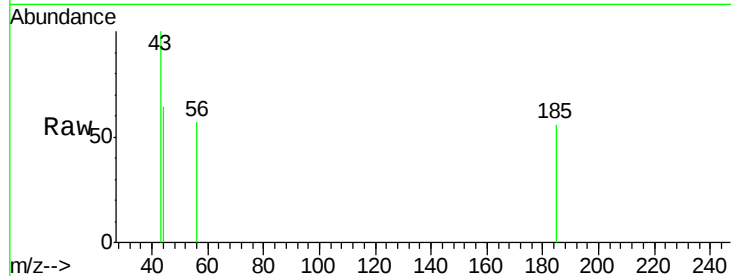




#53
 2,4-Dinitrophenol
 Concen: 6.652 ng
 RT: 14.27 min Scan# 1870
 Delta R.T. -0.49 min
 Lab File: BG035970.D
 Acq: 30 Jul 2018 11:10

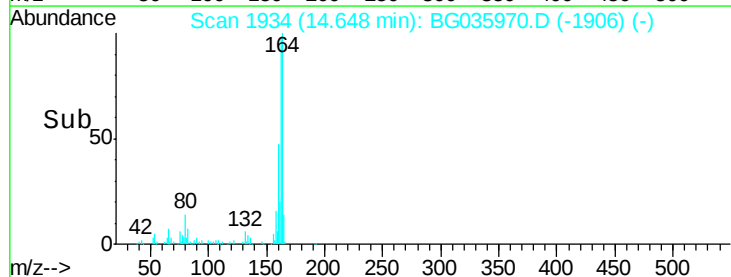
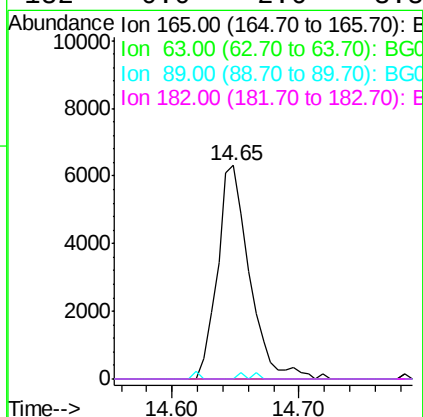
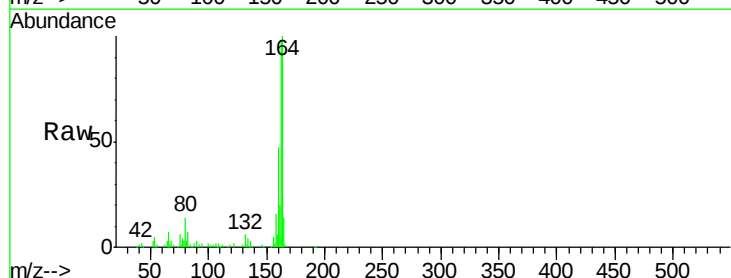
Instrument :
 BNA_G
 ClientSampleId :
 PB111535BL

Tgt Ion:184 Resp: 56
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.352 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.37 min
 Lab File: BG035970.D
 Acq: 30 Jul 2018 11:10

Tgt Ion:165 Resp: 11049
 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#

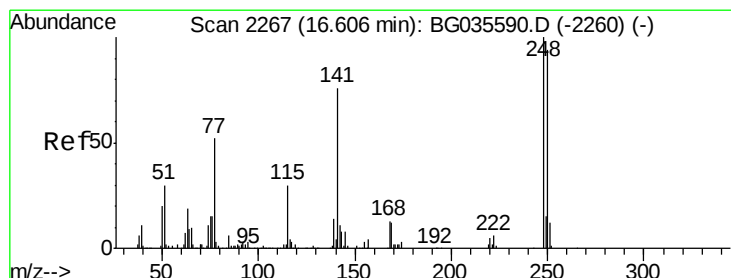
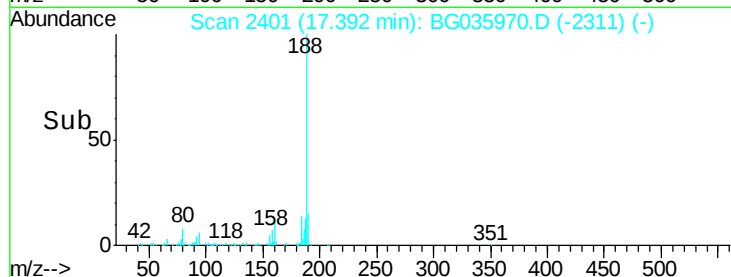
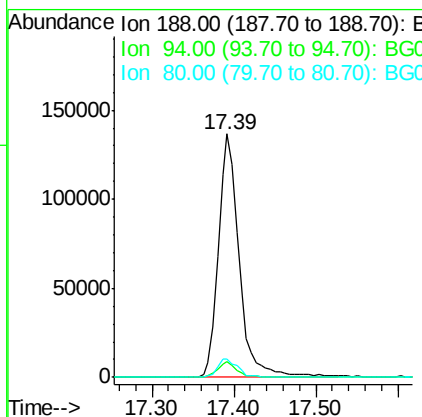
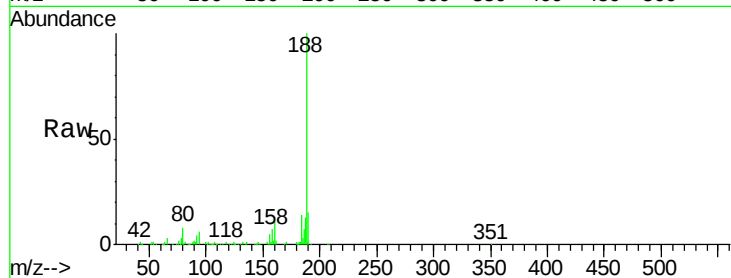




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035970.D
Acq: 30 Jul 2018 11:10

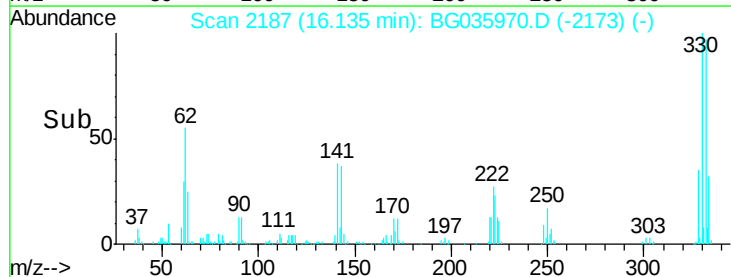
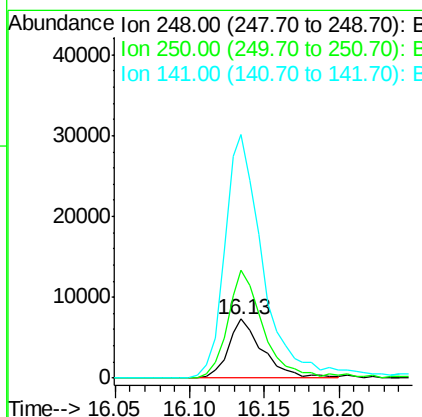
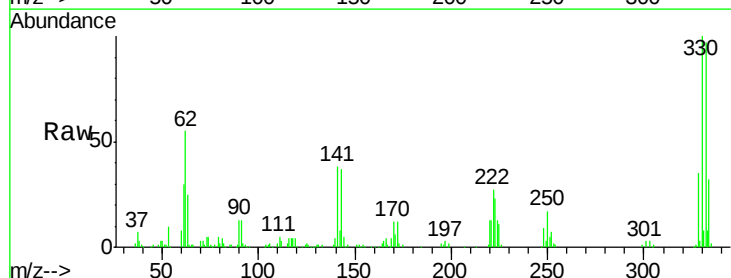
Instrument :
BNA_G
ClientSampleId :
PB111535BL

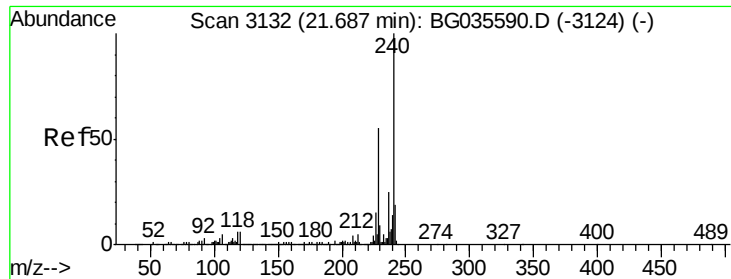
Tgt Ion:188 Resp: 241733
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 7.7 7.7 11.5



#66
4-Bromophenyl-phenylether
Concen: 4.240 ng
RT: 16.13 min Scan# 2187
Delta R.T. -0.45 min
Lab File: BG035970.D
Acq: 30 Jul 2018 11:10

Tgt Ion:248 Resp: 11890
Ion Ratio Lower Upper
248 100
250 182.1 77.1 115.7#
141 412.3 50.8 76.2#

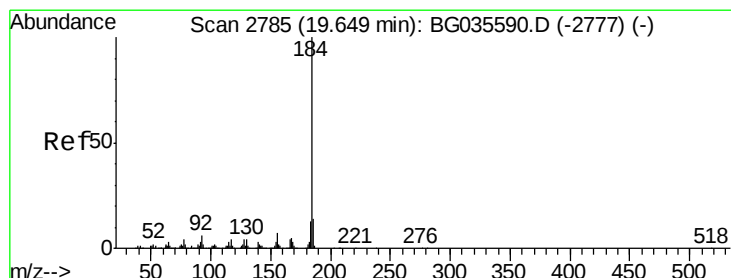
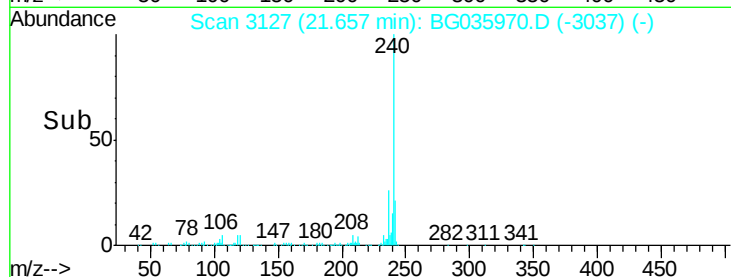
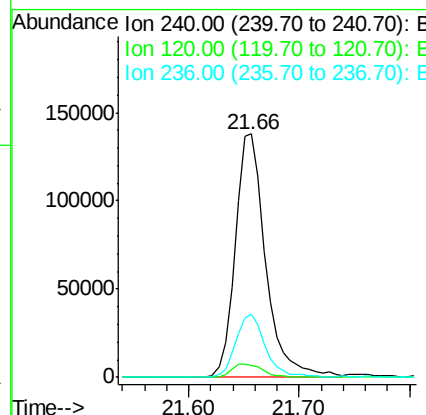
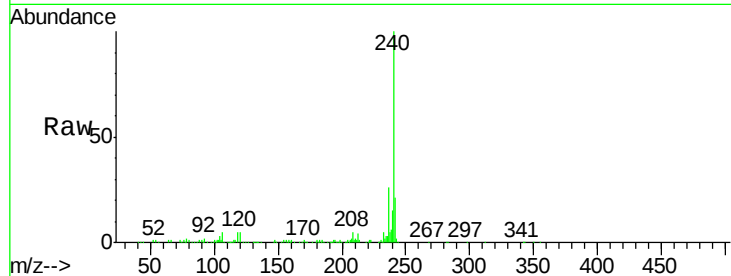




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: BG035970.D
 Acq: 30 Jul 2018 11:10

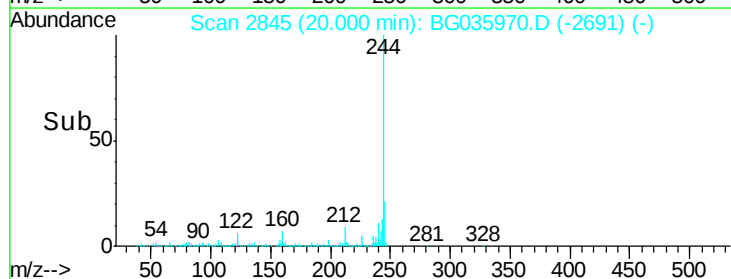
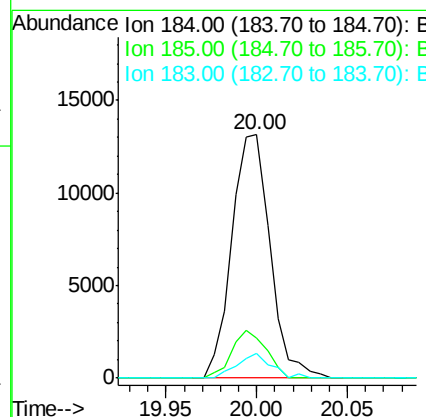
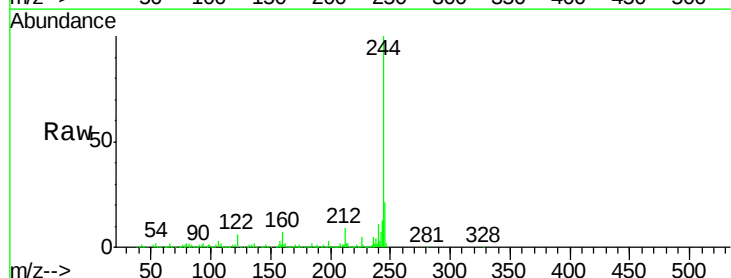
Instrument :
 BNA_G
 ClientSampleId :
 PB111535BL

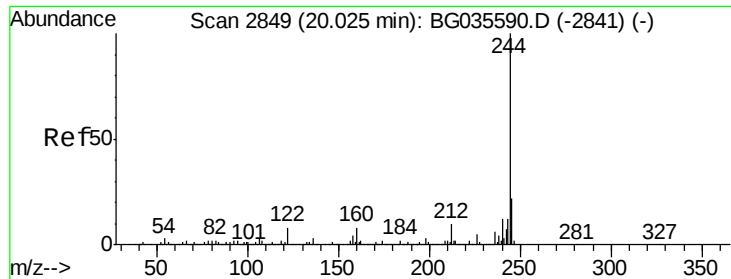
Tgt Ion:240 Resp: 266498
 Ion Ratio Lower Upper
 240 100
 120 4.7 6.8 10.2#
 236 26.1 20.9 31.3



#76
 Benzidine
 Concen: 2.761 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. 0.37 min
 Lab File: BG035970.D
 Acq: 30 Jul 2018 11:10

Tgt Ion:184 Resp: 19344
 Ion Ratio Lower Upper
 184 100
 185 16.7 11.1 16.7
 183 10.1 10.6 16.0#





#78

Terphenyl-d14

Concen: 97.231 ng

RT: 19.99 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG035970.D

Acq: 30 Jul 2018 11:10

Instrument :

BNA_G

ClientSampleId :

PB111535BL

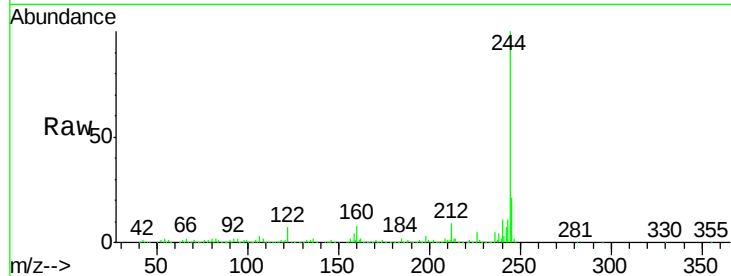
Tgt Ion:244 Resp: 1175510

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

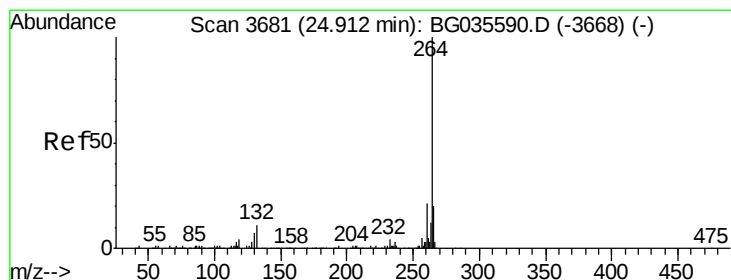
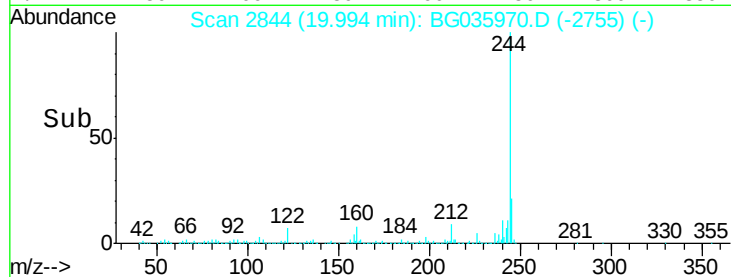
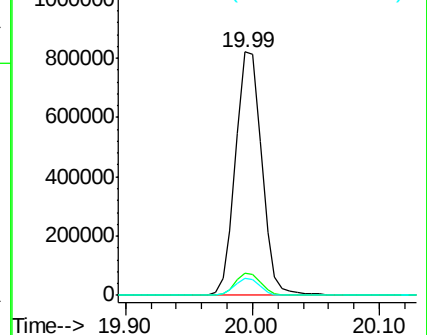
122 7.0 7.0 10.4



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: 24.85 min Scan# 3671

Delta R.T. -0.01 min

Lab File: BG035970.D

Acq: 30 Jul 2018 11:10

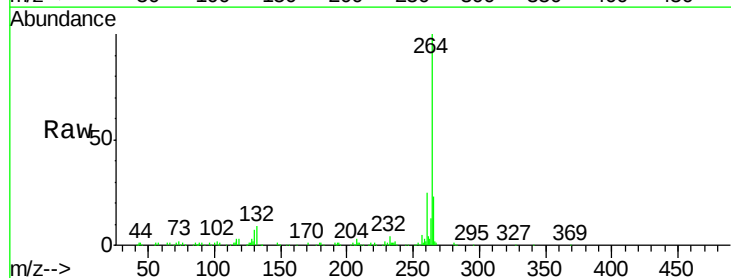
Tgt Ion:264 Resp: 245267

Ion Ratio Lower Upper

264 100

260 24.6 17.4 26.0

265 22.6 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

