

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063018\
 Data File : BG035549.D
 Acq On : 30 Jun 2018 19:22
 Operator : JU/SJ
 Sample : J3757-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 02 02:30:20 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

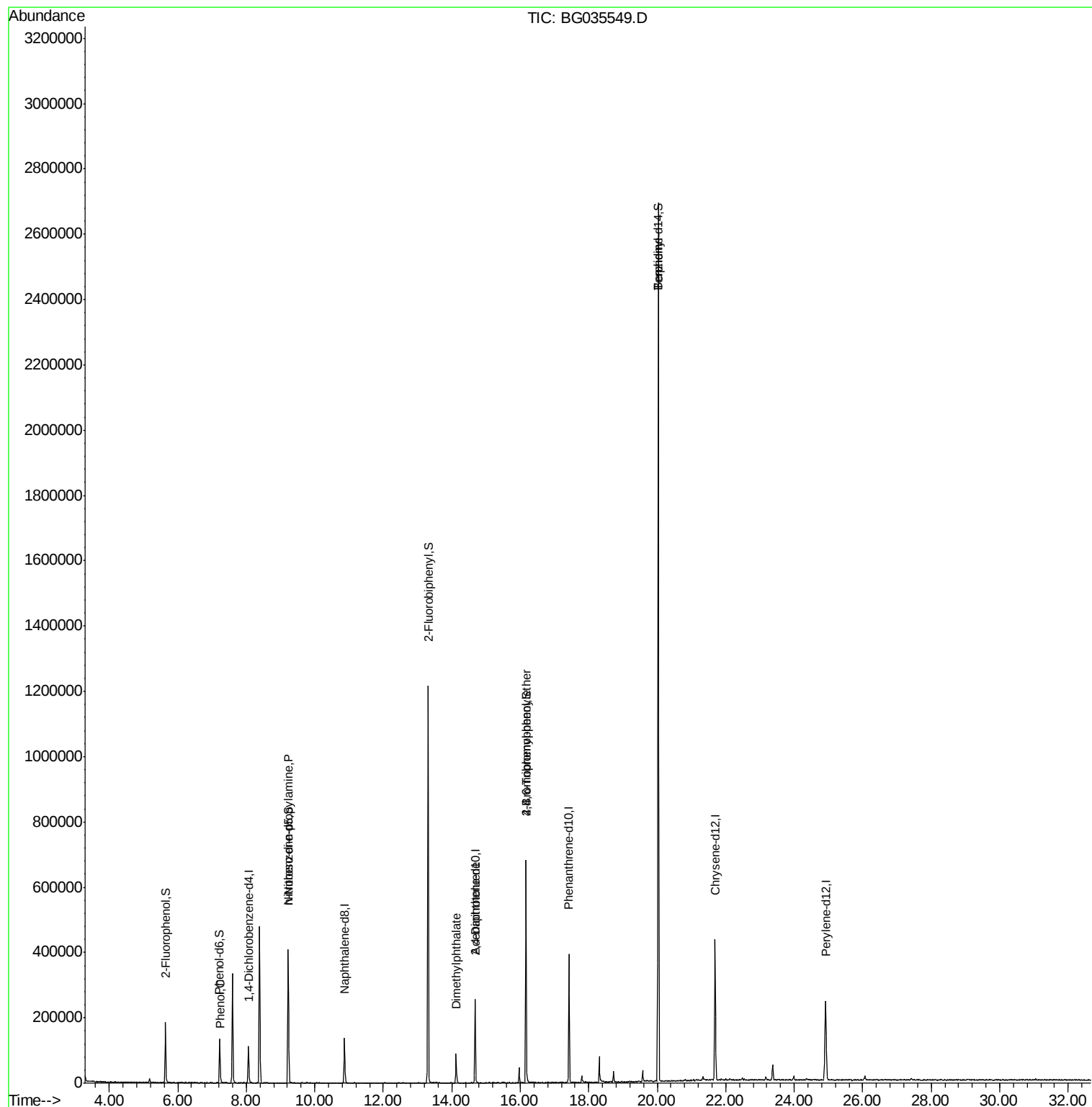
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	31267	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	116717	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	86210	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	252804	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	278451	20.00	ng	-0.02
86) Perylene-d12	24.92	264	266868	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	82028	44.27	ng	0.00
7) Phenol-d6	7.22	99	82591	30.20	ng	0.00
23) Nitrobenzene-d5	9.23	82	275110	112.04	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	133616	121.07	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	660064	99.53	ng	-0.02
78) Terphenyl-d14	20.03	244	1283870	96.58	ng	-0.02
Target Compounds						
10) Phenol	7.25	94	6468	2.286	ng	98
19) n-Nitroso-di-n-propylamine	9.23	70	36963	15.910	ng	# 68
49) Dimethylphthalate	14.13	163	60206	8.008	ng	96
56) 2,4-Dinitrotoluene	14.68	165	11812	6.483	ng	# 18
66) 4-Bromophenyl-phenylether	16.17	248	10778	3.540	ng	# 1
76) Benzidine	20.03	184	21285	2.055	ng	# 90

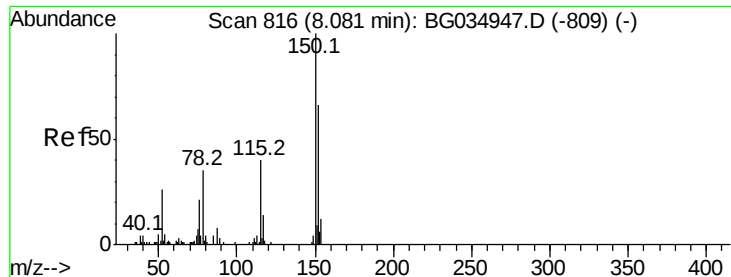
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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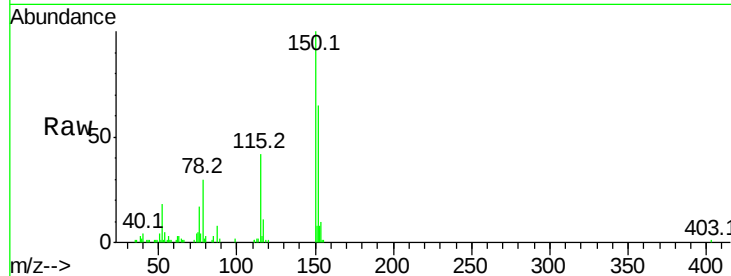


#1

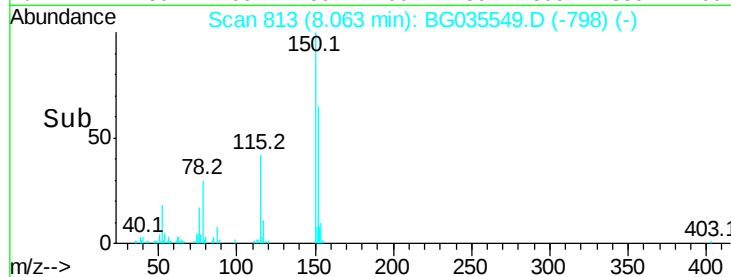
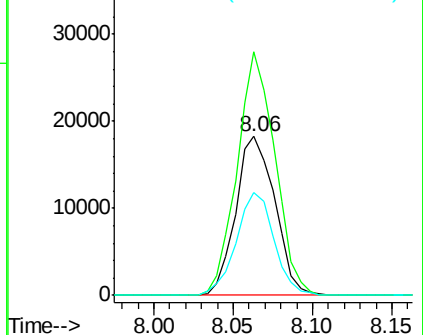
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035549.D
Acq: 30 Jun 2018 19:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.6	189.8
115	64.7	53.0	79.4



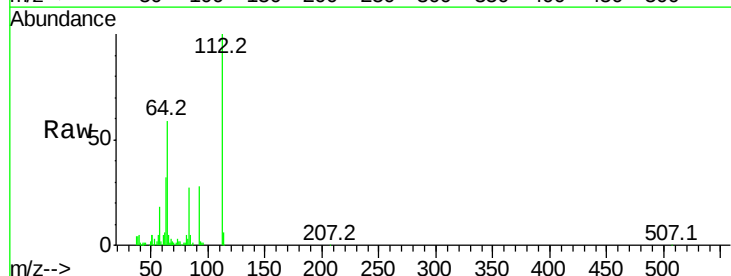
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



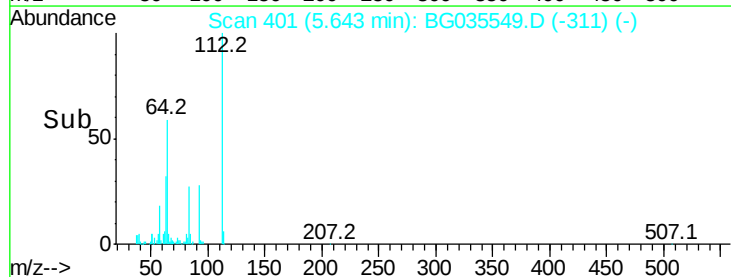
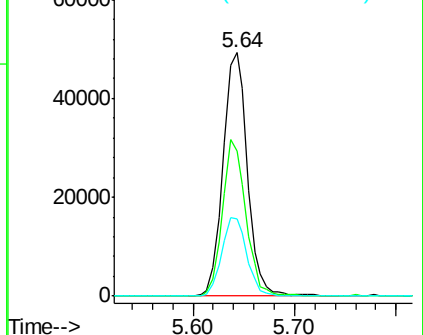
#5

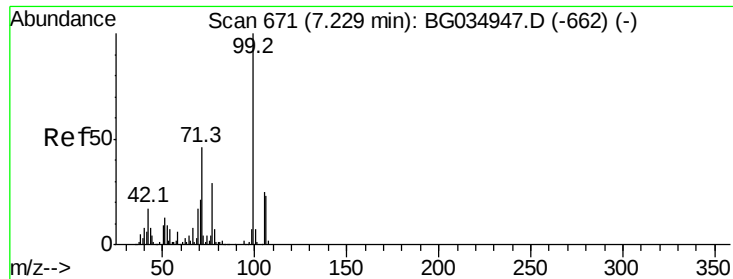
2-Fluorophenol
Concen: 44.274 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG035549.D
Acq: 30 Jun 2018 19:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	56.3	84.5
63	31.8	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 30.203 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035549.D

Acq: 30 Jun 2018 19:22

Instrument :

BNA_G

ClientSampleId :

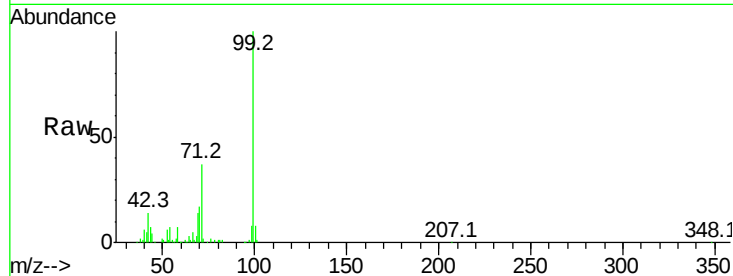
Tot Ion: 99 Resp: 82591

Ion Ratio Lower Upper

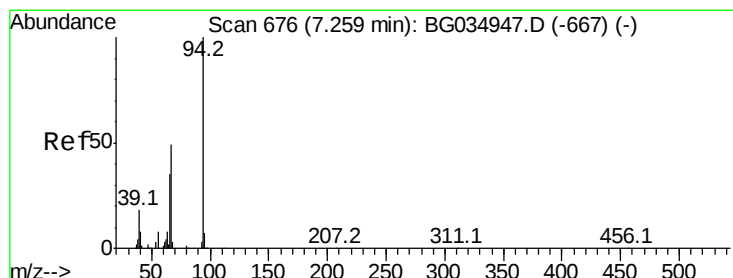
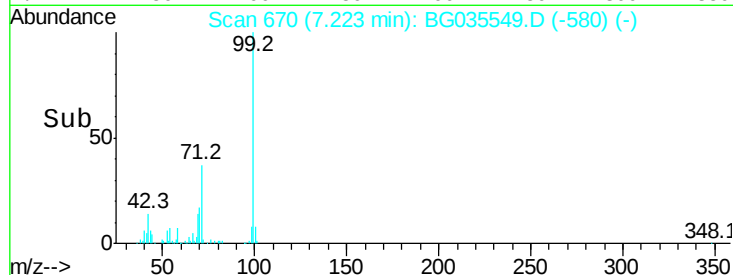
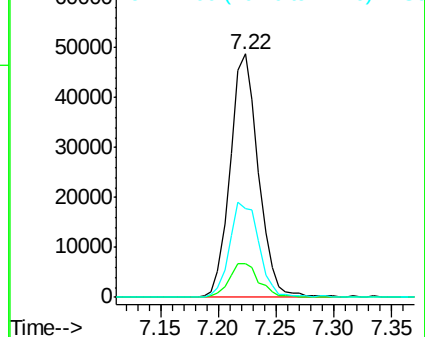
99 100

42 13.7 14.1 21.1#

71 36.6 26.1 39.1



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



#10

Phenol

Concen: 2.286 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG035549.D

Acq: 30 Jun 2018 19:22

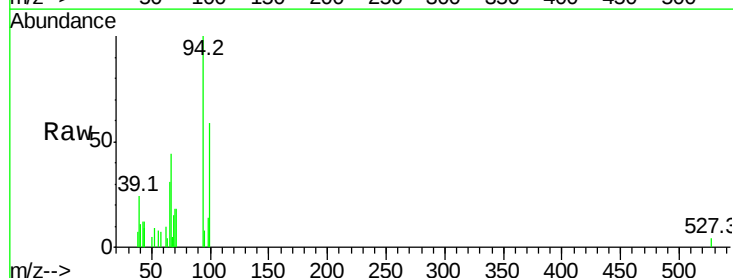
Tgt Ion: 94 Resp: 6468

Ion Ratio Lower Upper

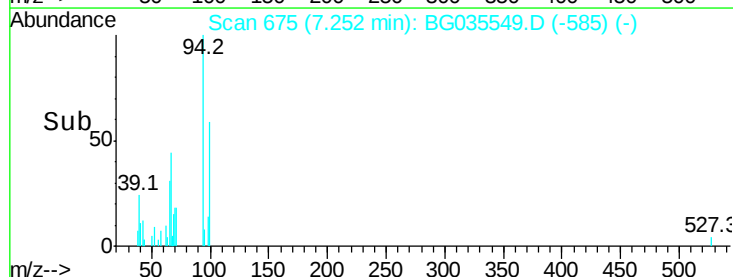
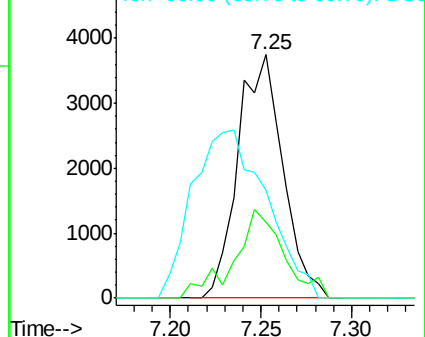
94 100

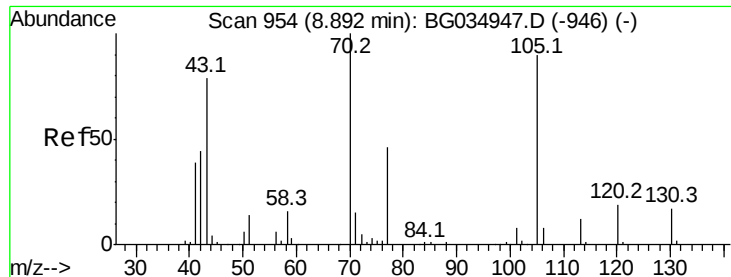
65 31.3 11.9 51.9

66 44.4 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

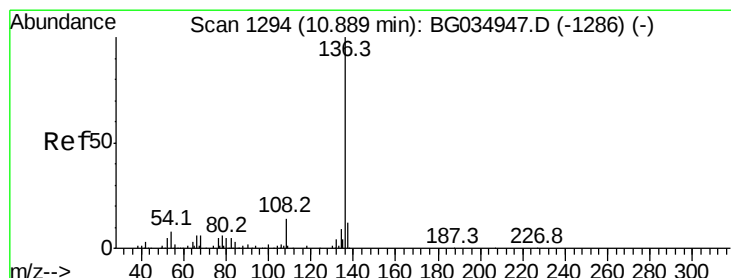
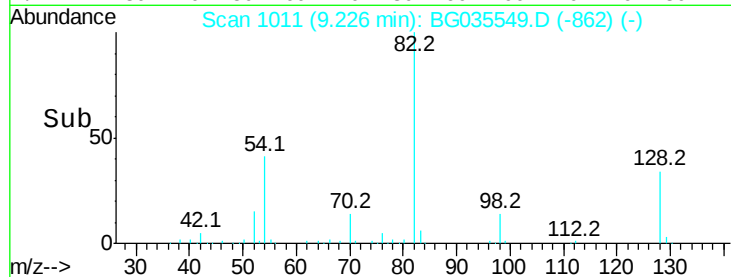
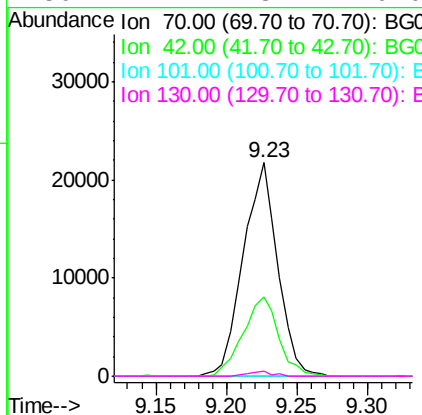
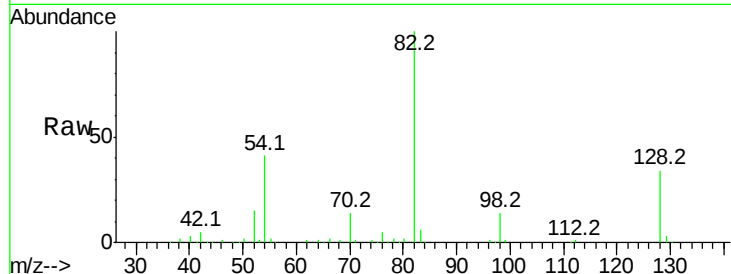




#19
n-Nitroso-di-n-propylamine
Concen: 15.910 ng
RT: 9.23 min Scan# 1011
Delta R.T. 0.35 min
Lab File: BG035549.D
Acq: 30 Jun 2018 19:22

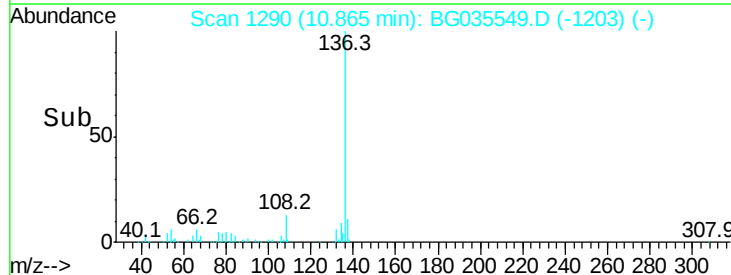
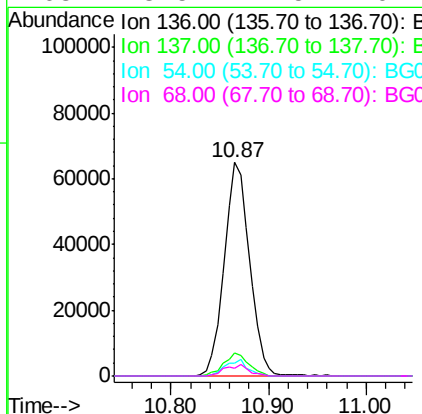
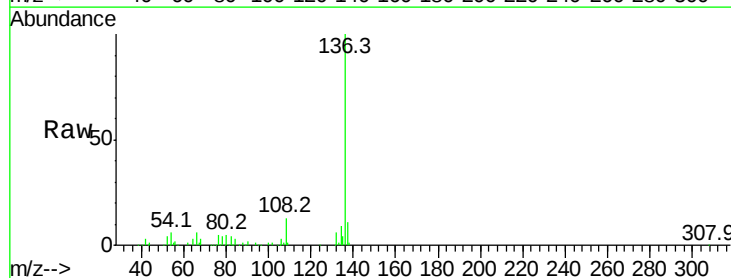
Instrument :
BNA_G
ClientSampleId :

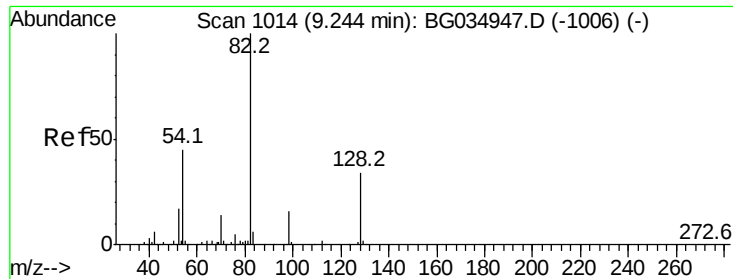
Tot Ion: 70 Resp: 36963
Ion Ratio Lower Upper
70 100
42 37.3 49.1 73.7#
101 0.0 8.5 12.7#
130 2.2 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035549.D
Acq: 30 Jun 2018 19:22

Tgt Ion: 136 Resp: 116717
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 6.1 10.3 15.5#
68 3.5 4.5 6.7#

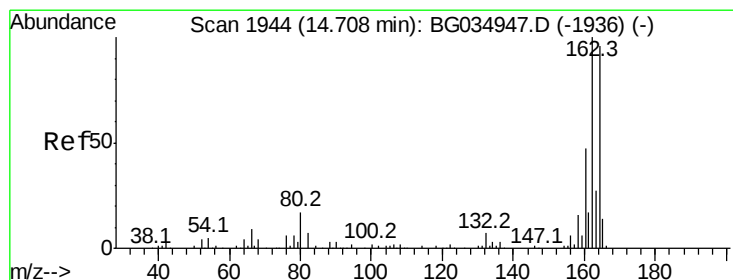
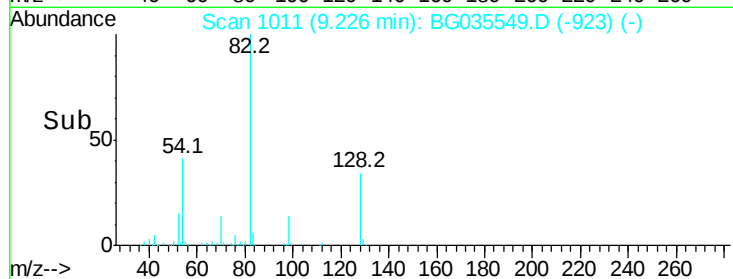
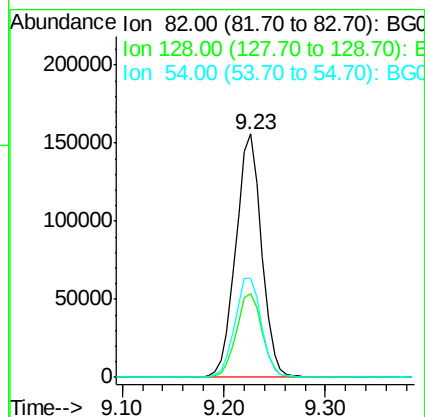
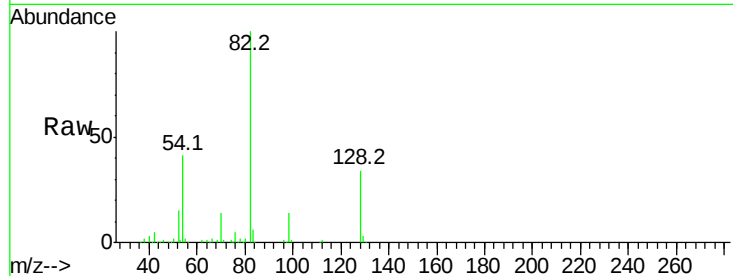




#23
Nitrobenzene-d5
Concen: 112.042 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035549.D
Acq: 30 Jun 2018 19:22

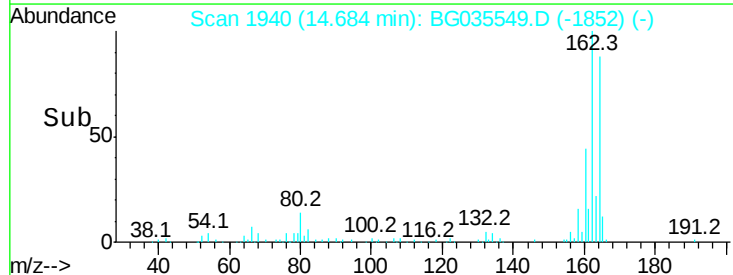
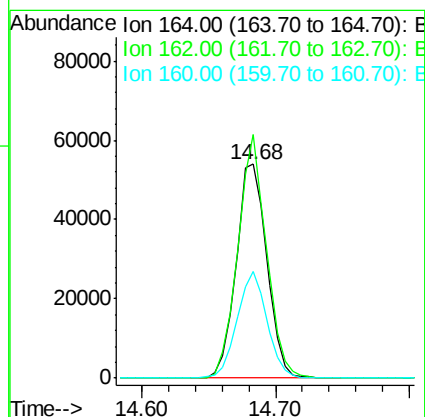
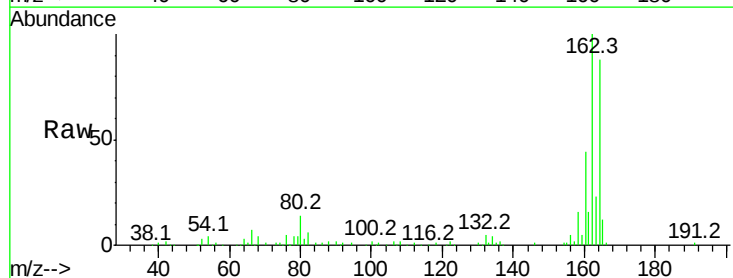
Instrument :
BNA_G
ClientSampleId :

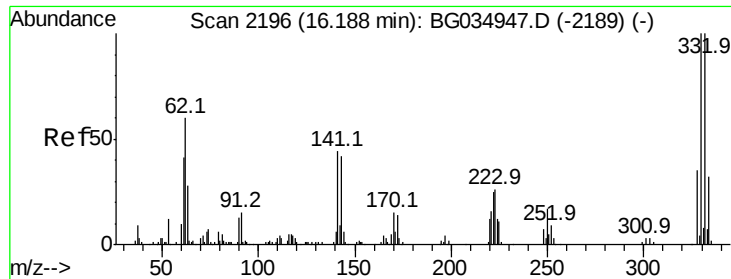
Tot Ion	82	Resp	275110
Ion Ratio	100	Lower	Upper
128	34.5	29.7	44.5
54	40.5	43.1	64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035549.D
Acq: 30 Jun 2018 19:22

Tgt Ion	164	Resp	86210
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	113.9	78.8	118.2
160	50.1	35.4	53.0

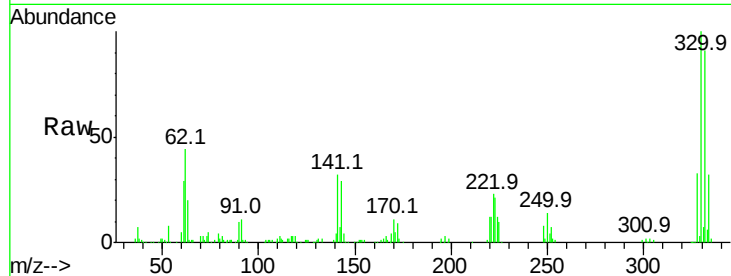




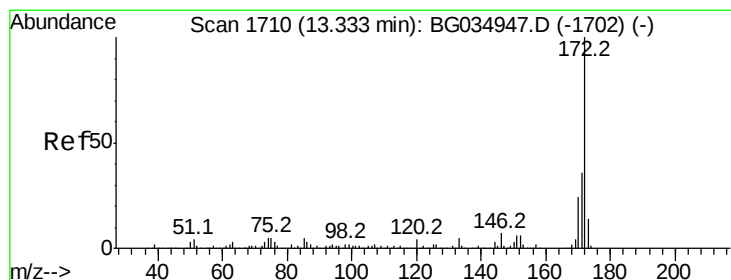
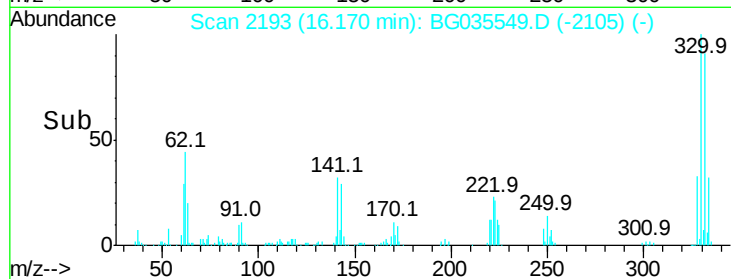
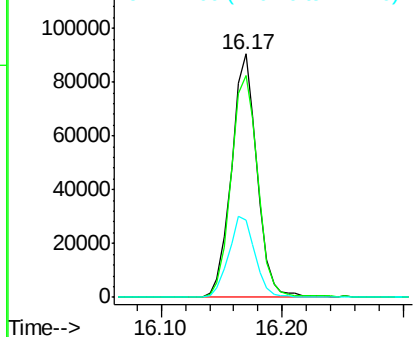
#41
 2,4,6-Tribromophenol
 Concen: 121.073 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035549.D
 Acq: 30 Jun 2018 19:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	34.5	25.2	37.8

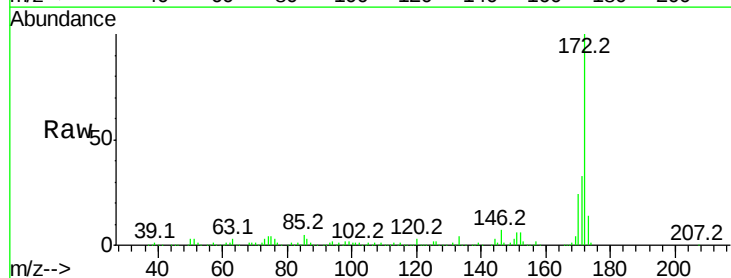


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

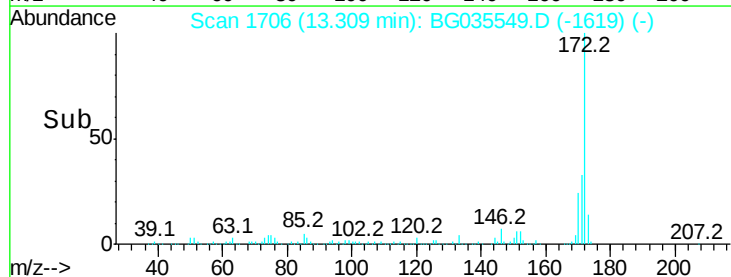
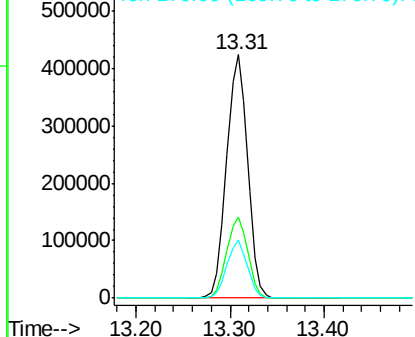


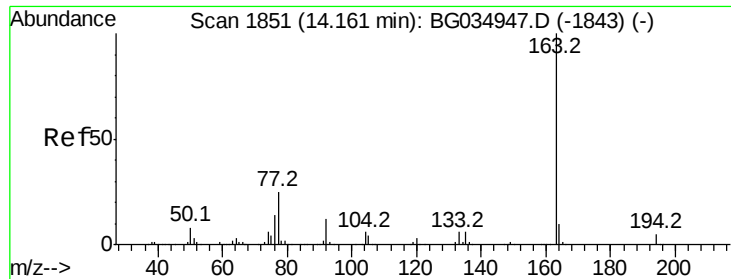
#44
 2-Fluorobiphenyl
 Concen: 99.534 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035549.D
 Acq: 30 Jun 2018 19:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.3	30.0	45.0
170	23.7	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 8.008 ng

RT: 14.13 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BG035549.D

Acq: 30 Jun 2018 19:22

Instrument :

BNA_G

ClientSampleId :

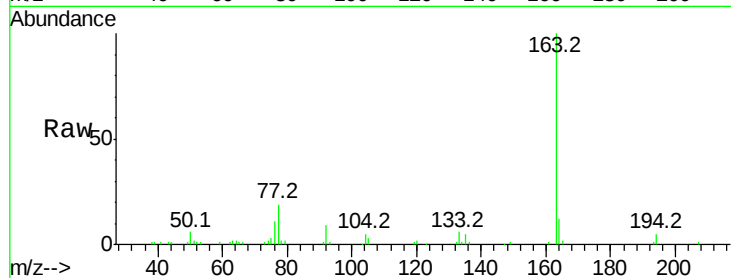
Tot Ion:163 Resp: 60206

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

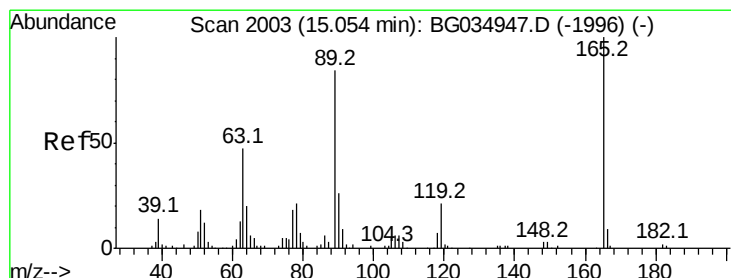
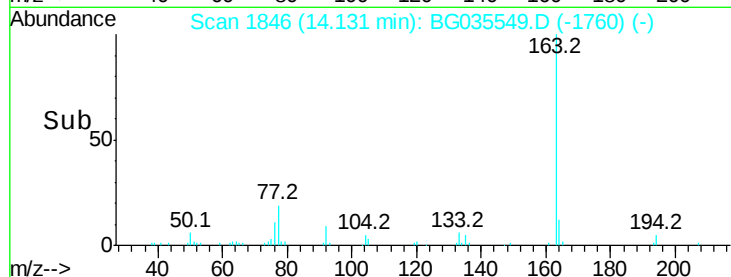
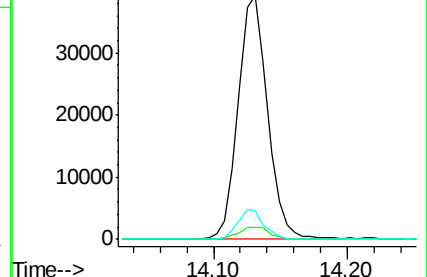
164 11.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.483 ng

RT: 14.68 min Scan# 1940

Delta R.T. -0.37 min

Lab File: BG035549.D

Acq: 30 Jun 2018 19:22

Tgt Ion:165 Resp: 11812

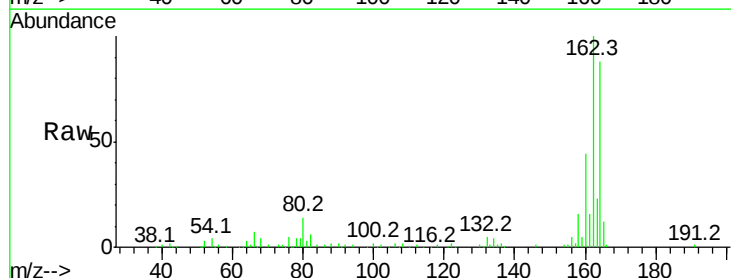
Ion Ratio Lower Upper

165 100

63 3.4 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

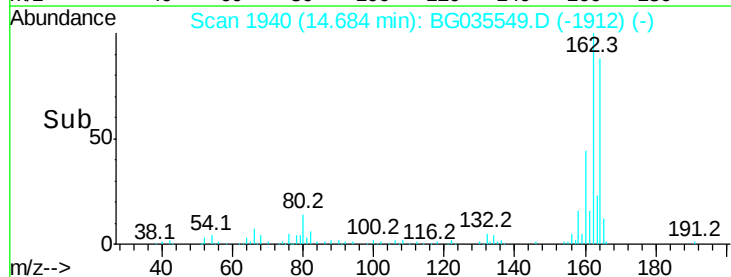
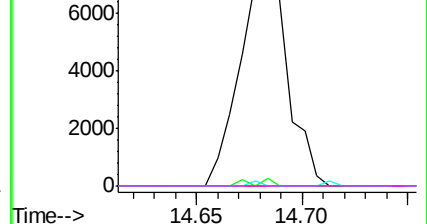


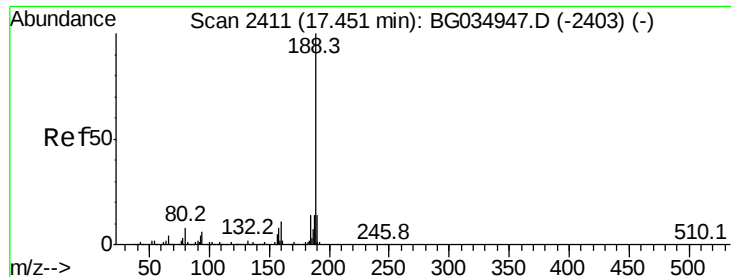
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035549.D

Acq: 30 Jun 2018 19:22

Instrument :

BNA_G

ClientSampleId :

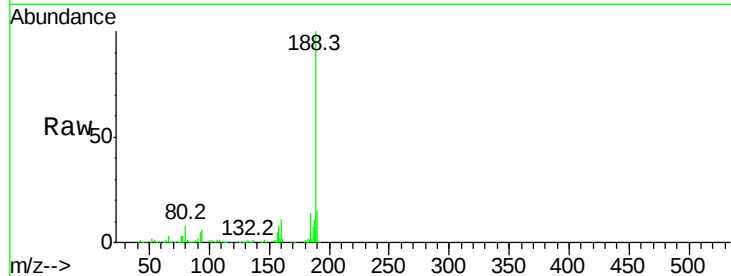
Tot Ion:188 Resp: 252804

Ion Ratio Lower Upper

188 100

94 5.6 6.9 10.3#

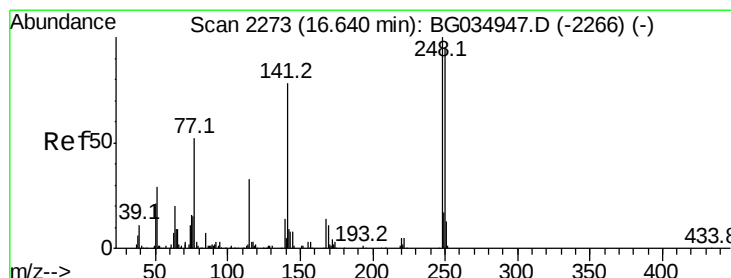
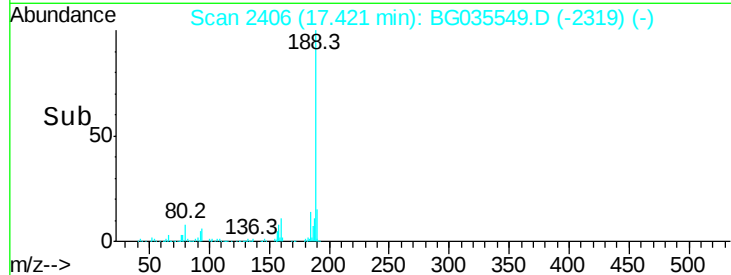
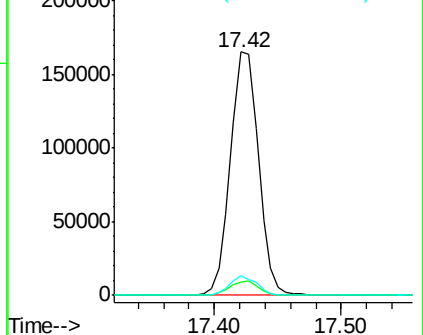
80 7.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#66

4-Bromophenyl-phenylether

Concen: 3.540 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.47 min

Lab File: BG035549.D

Acq: 30 Jun 2018 19:22

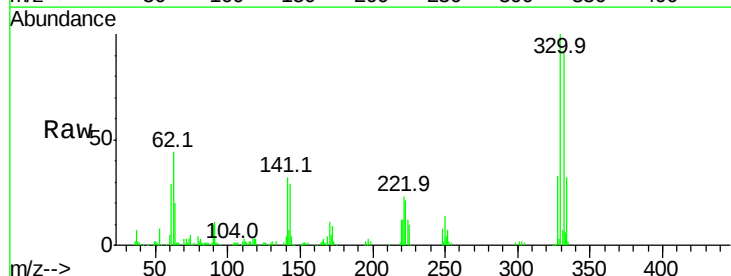
Tgt Ion:248 Resp: 10778

Ion Ratio Lower Upper

248 100

250 170.7 77.1 115.7#

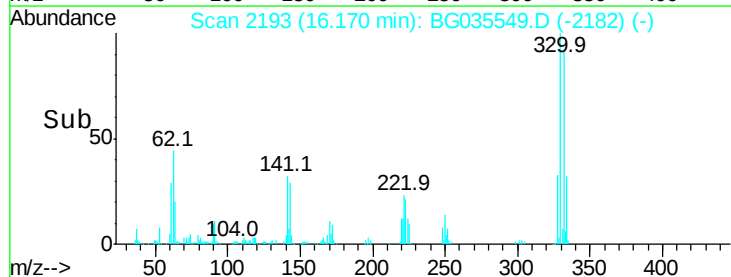
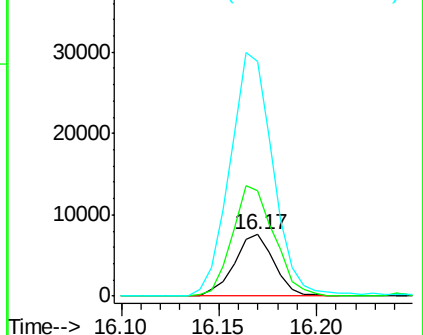
141 380.9 50.8 76.2#

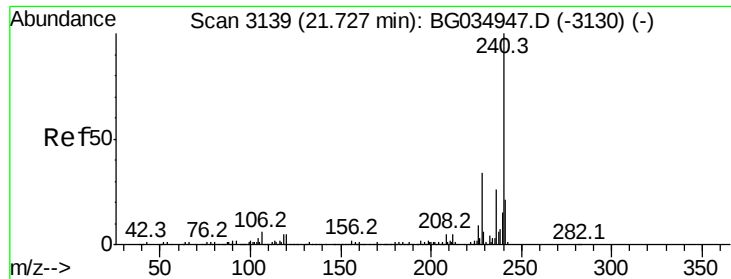


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035549.D

Acq: 30 Jun 2018 19:22

Instrument :

BNA_G

ClientSampleId :

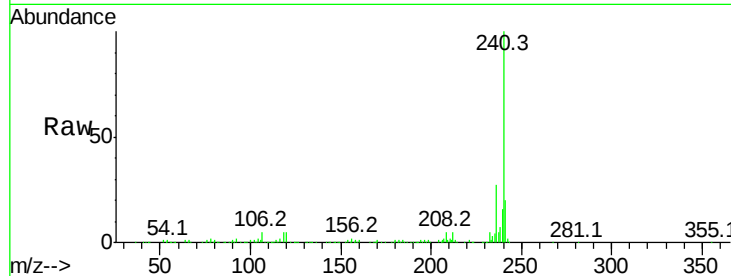
Tot Ion:240 Resp: 278451

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

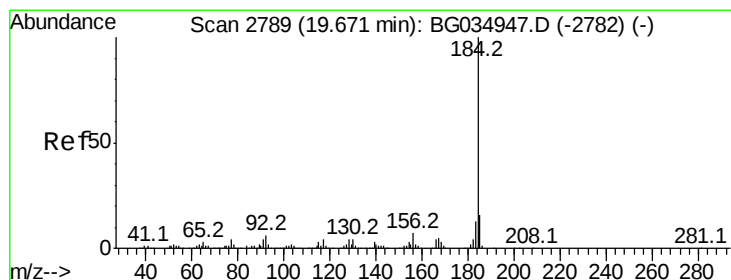
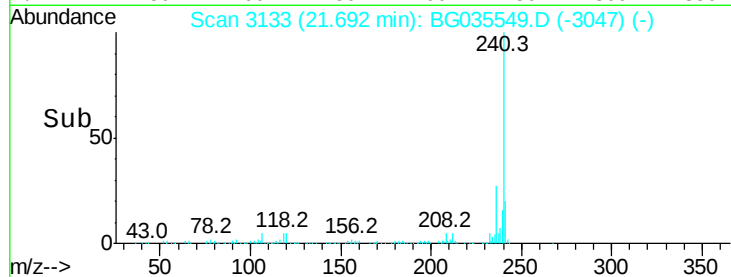
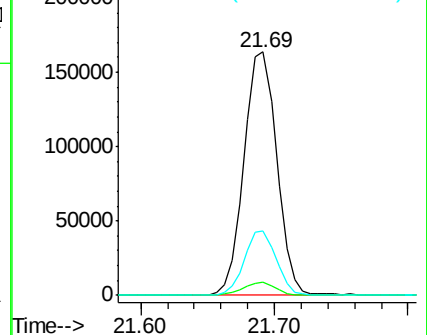
236 26.6 20.9 31.3



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: 2.055 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.36 min

Lab File: BG035549.D

Acq: 30 Jun 2018 19:22

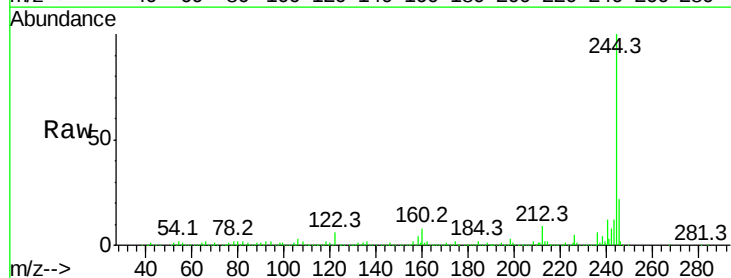
Tgt Ion:184 Resp: 21285

Ion Ratio Lower Upper

184 100

185 19.5 11.1 16.7#

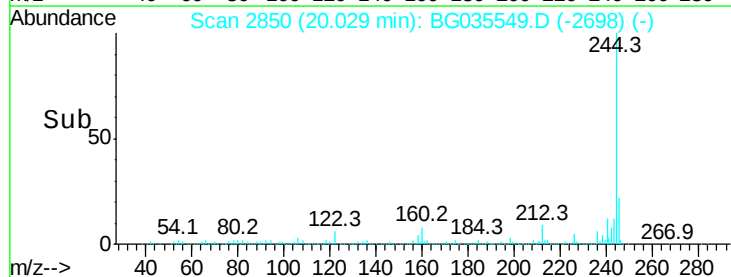
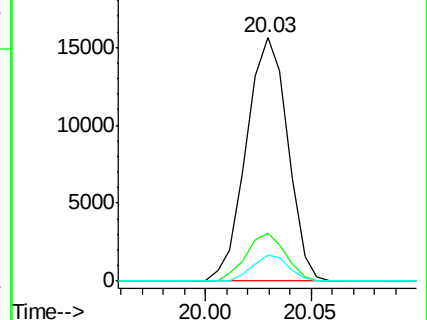
183 10.8 10.6 16.0

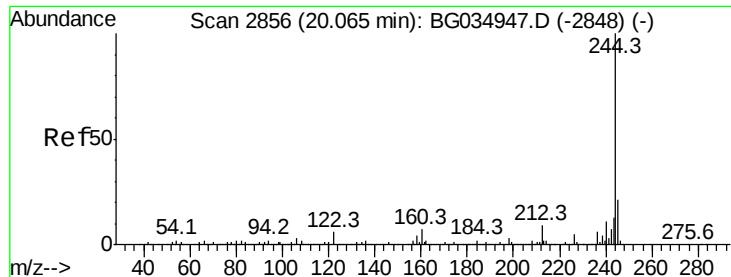


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 96.580 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035549.D

Acq: 30 Jun 2018 19:22

Instrument :

BNA_G

ClientSampleId :

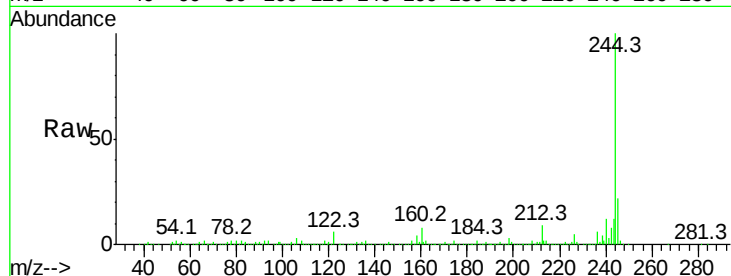
Tot Ion:244 Resp: 1283870

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

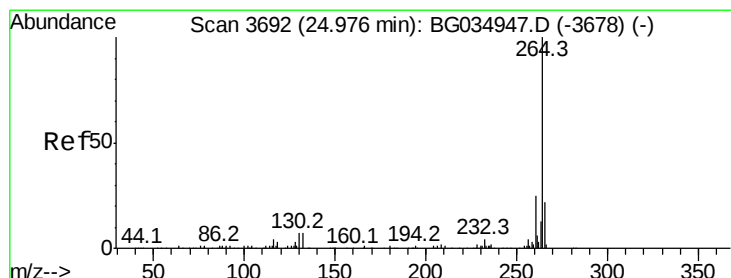
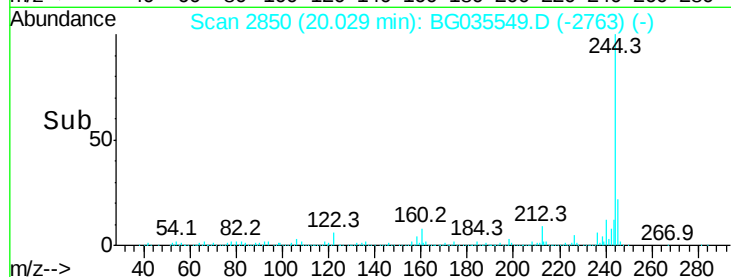
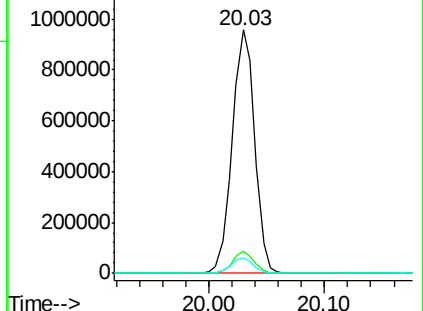
122 6.3 7.0 10.4#



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: 24.92 min Scan# 3682

Delta R.T. -0.04 min

Lab File: BG035549.D

Acq: 30 Jun 2018 19:22

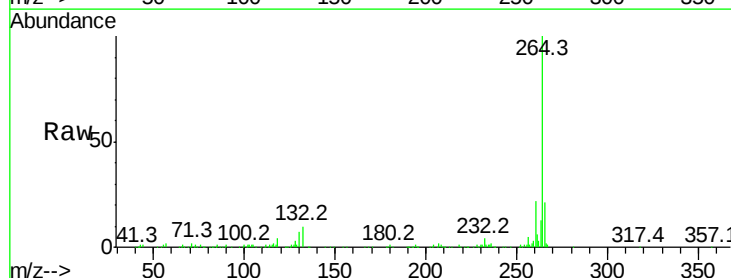
Tgt Ion:264 Resp: 266868

Ion Ratio Lower Upper

264 100

260 22.2 17.4 26.0

265 20.6 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

