

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041719\
 Data File : BG040533.D
 Acq On : 17 Apr 2019 17:08
 Operator : JU/SJ
 Sample : PB118938TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 18 01:23:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

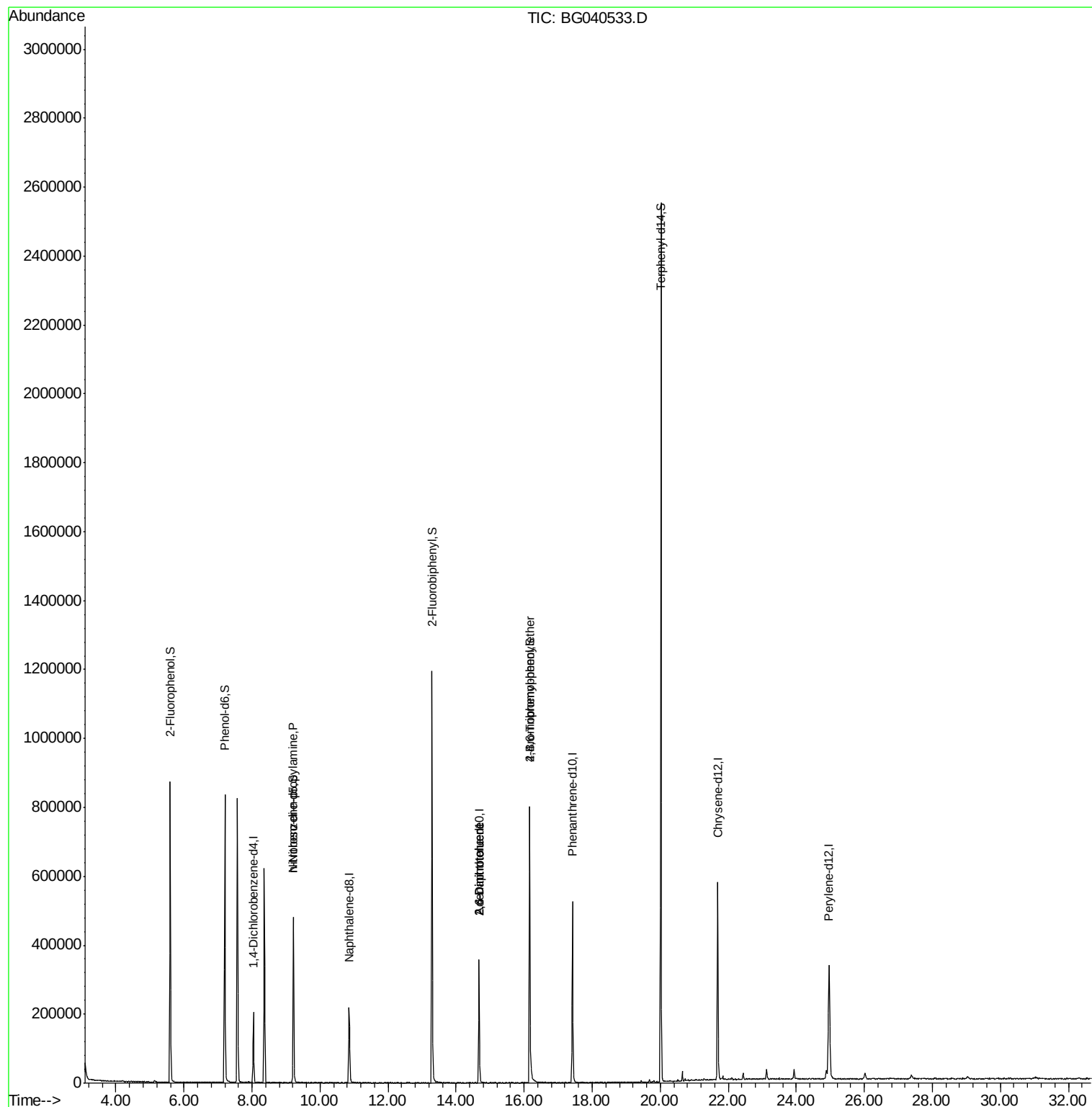
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	53908	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	210422	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	130800	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	350158	20.00	ng	0.00
76) Chrysene-d12	21.69	240	354860	20.00	ng	0.00
87) Perylene-d12	24.96	264	380738	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	374643	115.53	ng	0.00
7) Phenol-d6	7.20	99	499198	111.39	ng	0.00
23) Nitrobenzene-d5	9.22	82	294509	74.39	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	164408	116.30	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	652281	73.89	ng	0.00
79) Terphenyl-d14	20.02	244	1216780	77.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	36328	11.306	ng	# 76
51) 2,6-Dinitrotoluene	14.67	165	16588	7.217	ng	# 26
57) 2,4-Dinitrotoluene	14.67	165	16588	5.194	ng	# 26
67) 4-Bromophenyl-phenylether	16.17	248	12700	3.223	ng	# 1

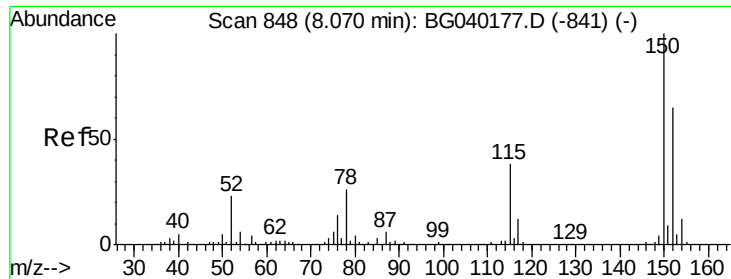
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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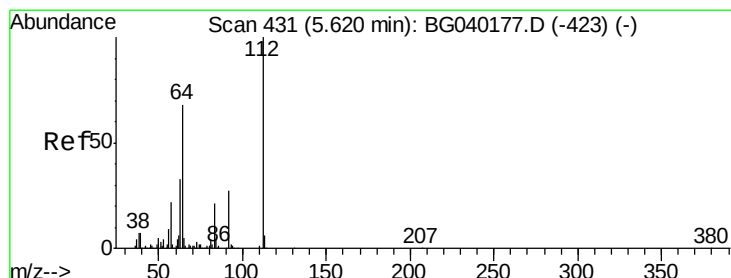
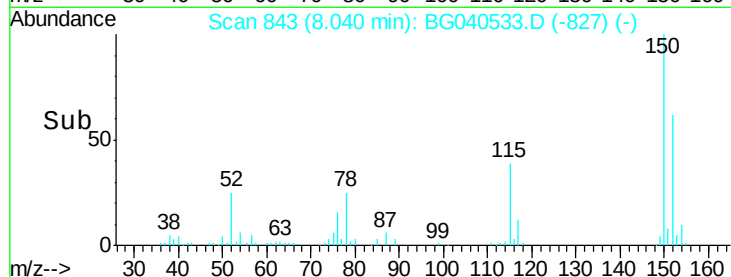
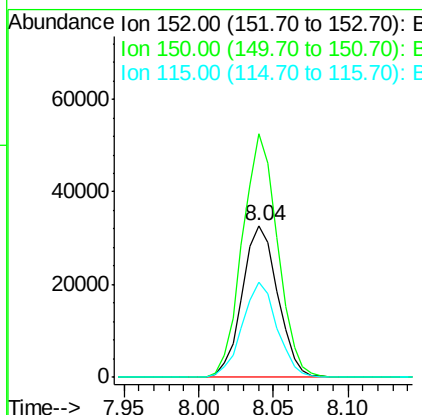
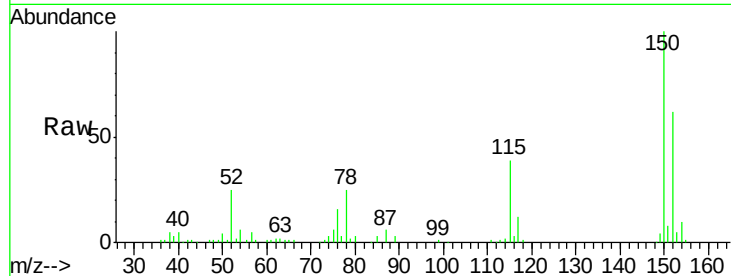


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG040533.D
Acq: 17 Apr 2019 17:08

Instrument :
BNA_G
ClientSampleId :

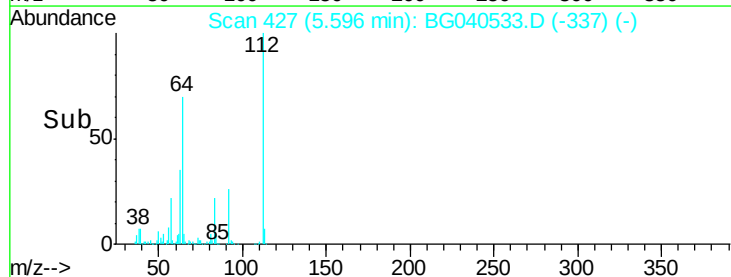
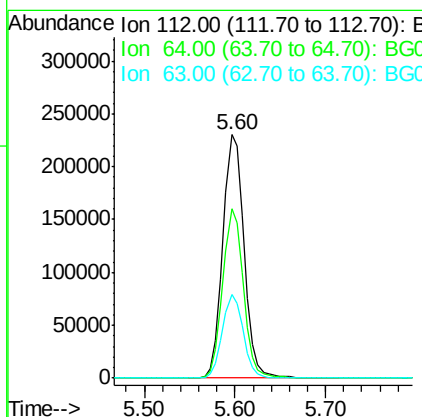
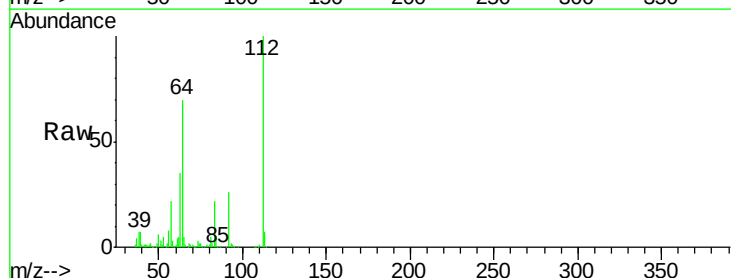
Tot Ion:152 Resp: 53908
Ion Ratio Lower Upper
152 100
150 160.8 123.7 185.5
115 62.5 46.9 70.3

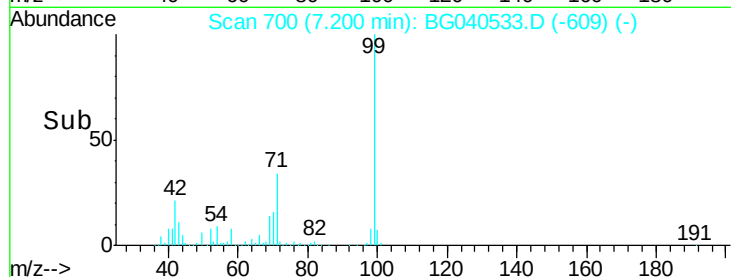
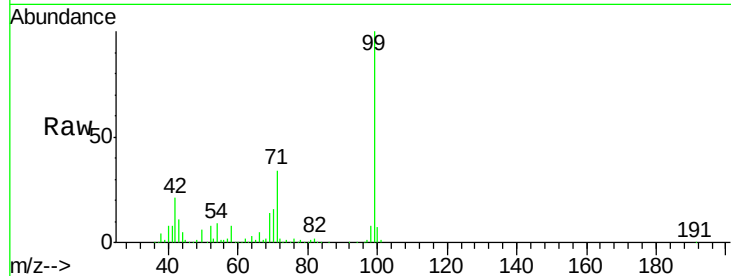
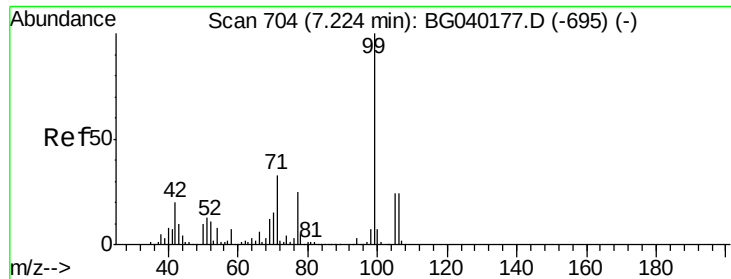


#5

2-Fluorophenol
Concen: 115.532 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG040533.D
Acq: 17 Apr 2019 17:08

Tgt Ion:112 Resp: 374643
Ion Ratio Lower Upper
112 100
64 69.6 54.2 81.2
63 34.6 26.4 39.6





#7

Phenol-d6

Concen: 111.390 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG040533.D

Acq: 17 Apr 2019 17:08

Instrument :

BNA_G

ClientSampleId :

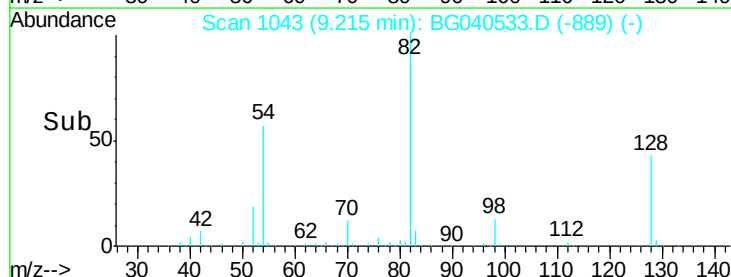
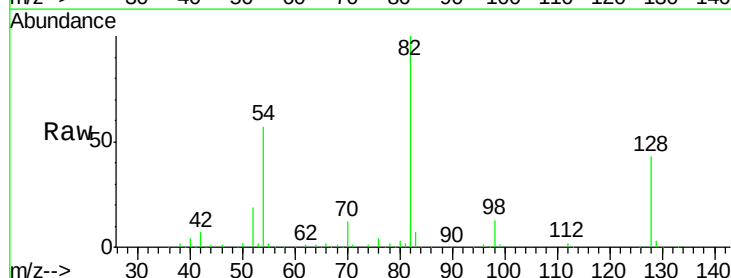
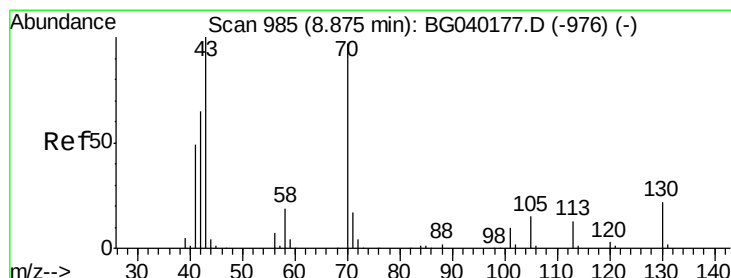
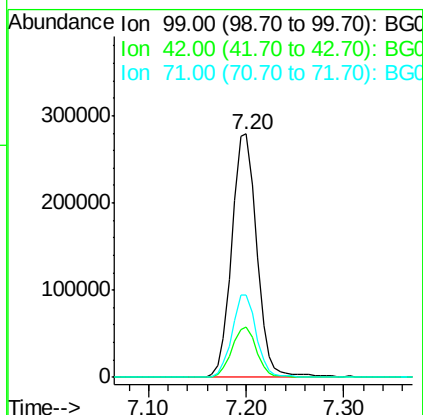
Tot Ion: 99 Resp: 499198

Ion Ratio Lower Upper

99 100

42 20.7 16.2 24.2

71 33.9 26.8 40.2



#19

n-Nitroso-di-n-propylamine

Concen: 11.306 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.37 min

Lab File: BG040533.D

Acq: 17 Apr 2019 17:08

Tgt Ion: 70 Resp: 36328

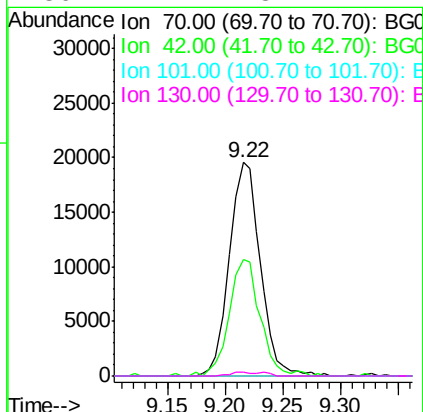
Ion Ratio Lower Upper

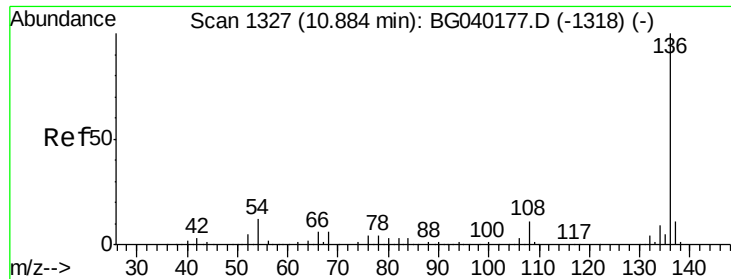
70 100

42 54.5 54.0 81.0

101 0.0 8.6 13.0#

130 2.1 18.2 27.2#

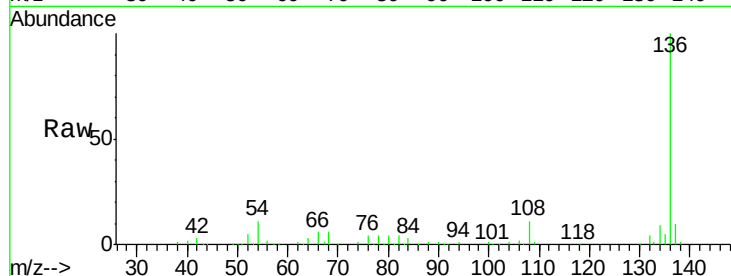




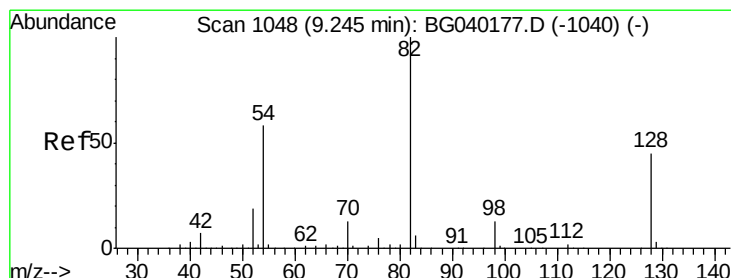
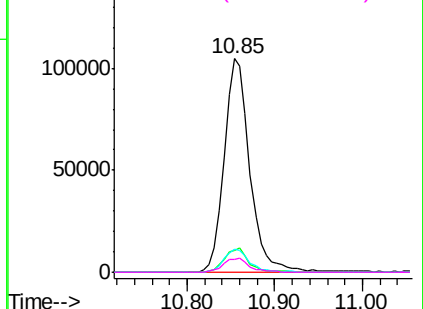
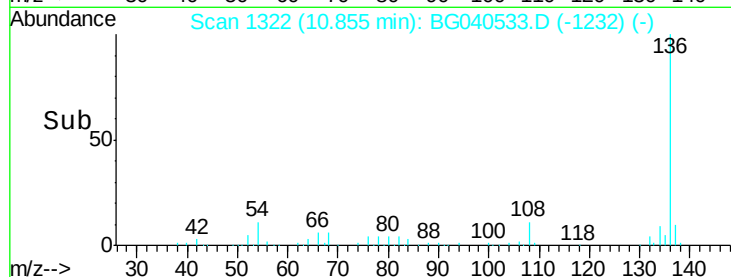
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG040533.D
Acq: 17 Apr 2019 17:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	210422
Ion	Ratio	Lower Upper
136	100	
137	10.2	8.9 13.3
54	10.7	9.6 14.4
68	6.3	5.1 7.7

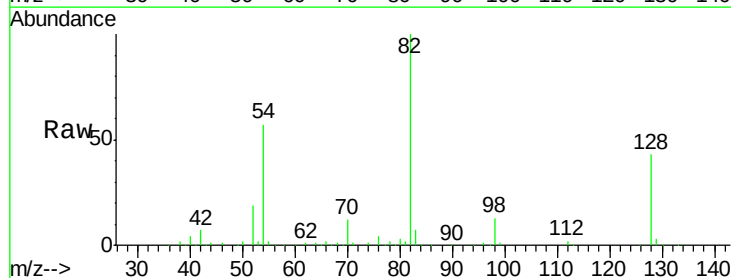


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

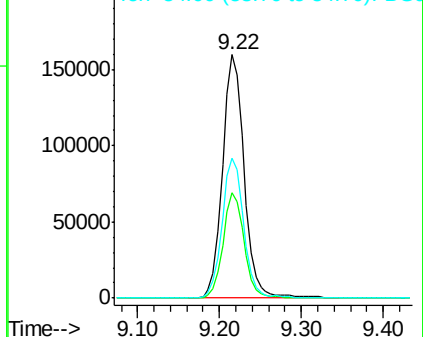
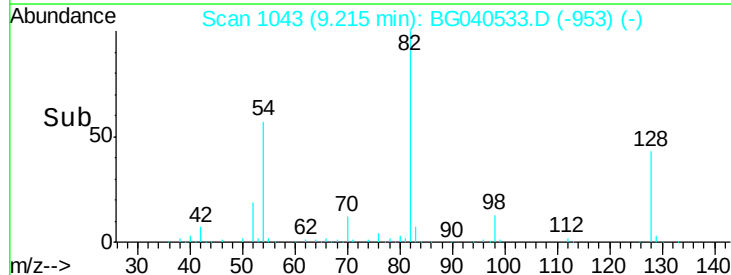


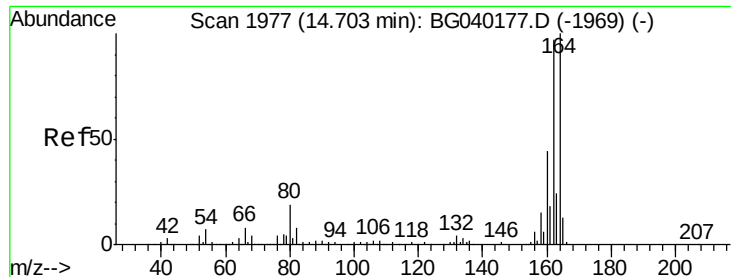
#23
Nitrobenzene-d5
Concen: 74.394 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG040533.D
Acq: 17 Apr 2019 17:08

Tgt Ion: 82	Resp:	294509
Ion	Ratio	Lower Upper
82	100	
128	43.2	35.8 53.8
54	57.2	46.2 69.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG040533.D

Acq: 17 Apr 2019 17:08

Instrument :

BNA_G

ClientSampleId :

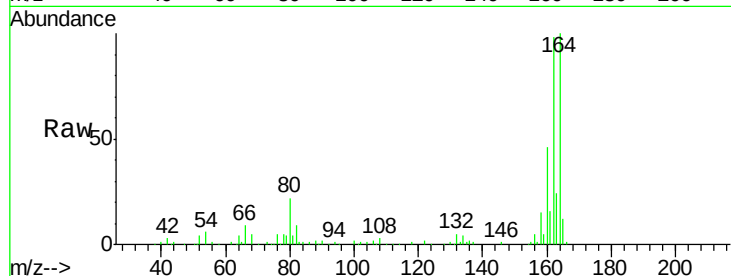
Tot Ion:164 Resp: 130800

Ion Ratio Lower Upper

164 100

162 98.4 77.4 116.2

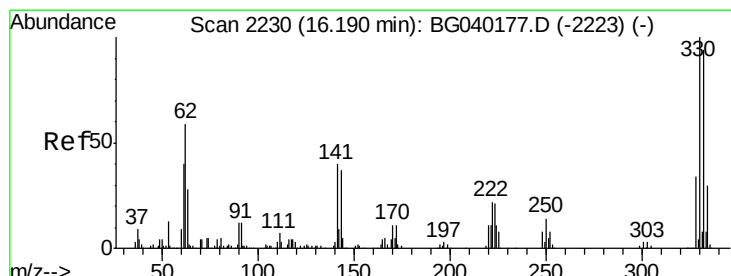
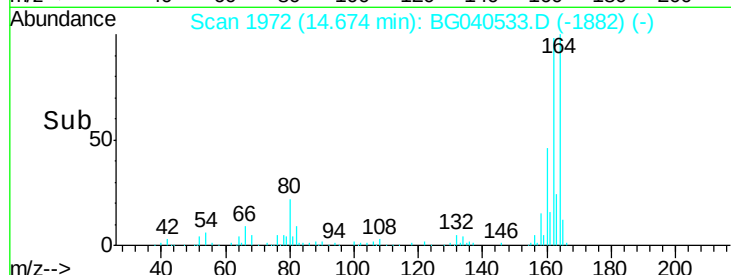
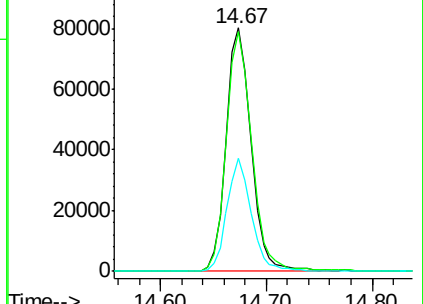
160 46.4 35.3 52.9



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



#42

2,4,6-Tribromophenol

Concen: 116.304 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BG040533.D

Acq: 17 Apr 2019 17:08

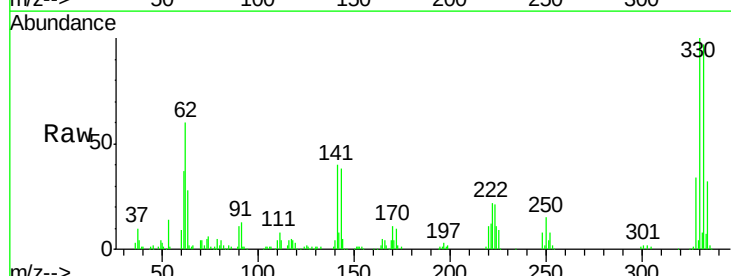
Tgt Ion:330 Resp: 164408

Ion Ratio Lower Upper

330 100

332 95.4 76.6 115.0

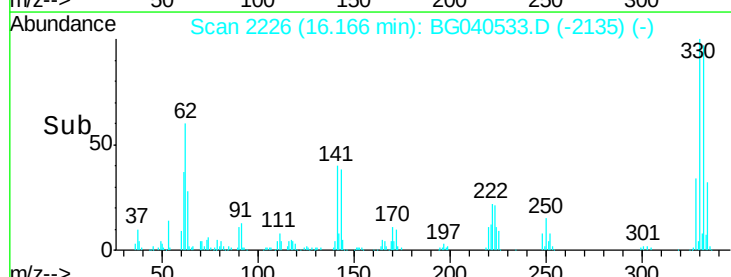
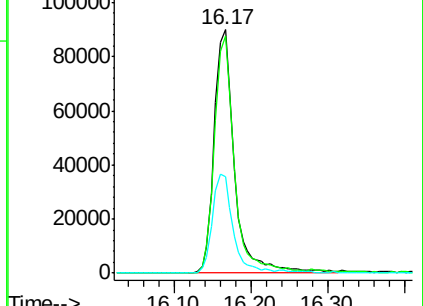
141 40.6 32.6 48.8

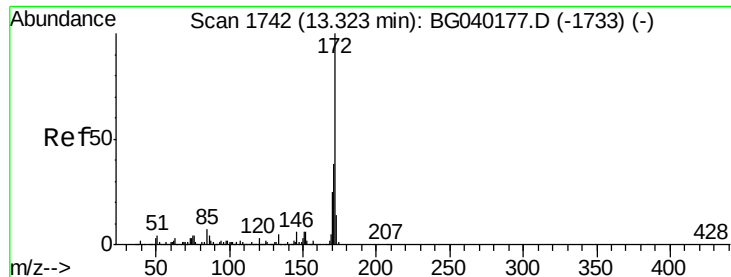


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 73.893 ng

RT: 13.29 min Scan# 1737

Delta R.T. -0.00 min

Lab File: BG040533.D

Acq: 17 Apr 2019 17:08

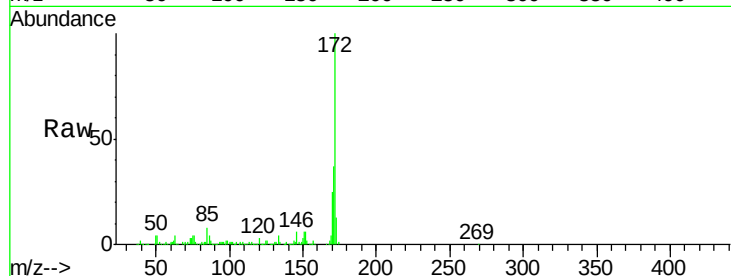
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 652281

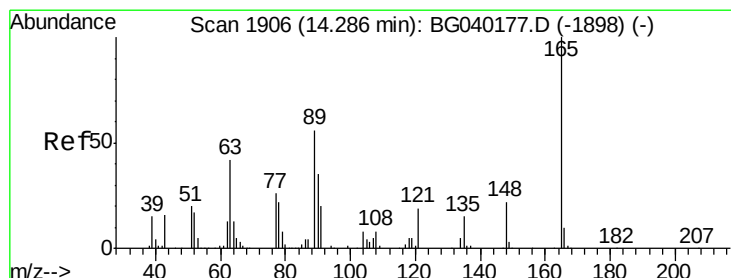
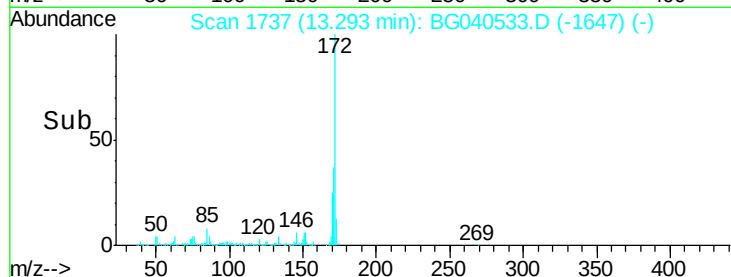
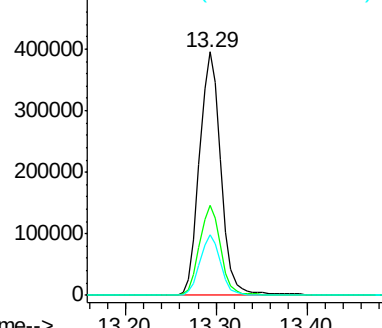
Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.5	45.7
170	24.6	20.1	30.1



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



#51

2,6-Dinitrotoluene

Concen: 7.217 ng

RT: 14.67 min Scan# 1972

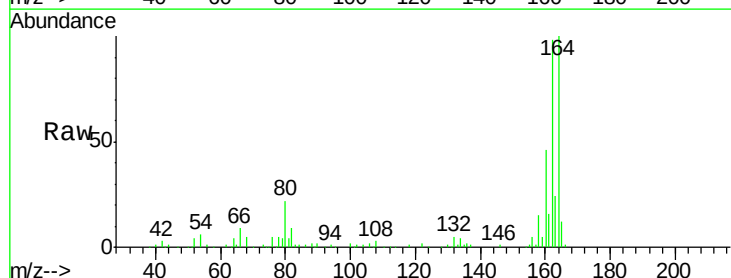
Delta R.T. 0.41 min

Lab File: BG040533.D

Acq: 17 Apr 2019 17:08

Tgt Ion:165 Resp: 16588

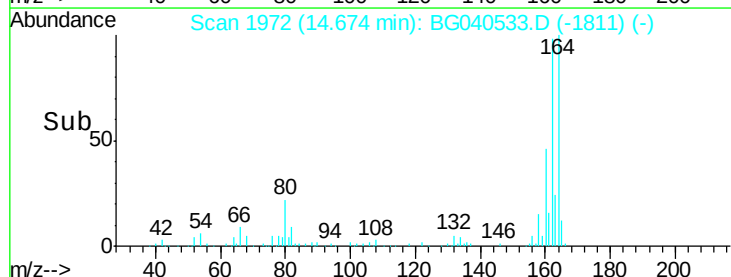
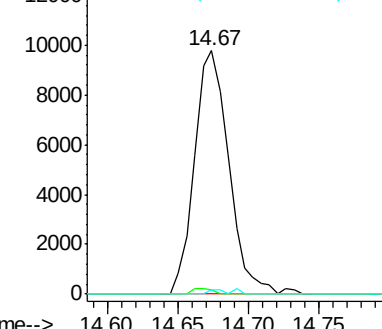
Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.1	66.1#
89	1.6	44.9	67.3#

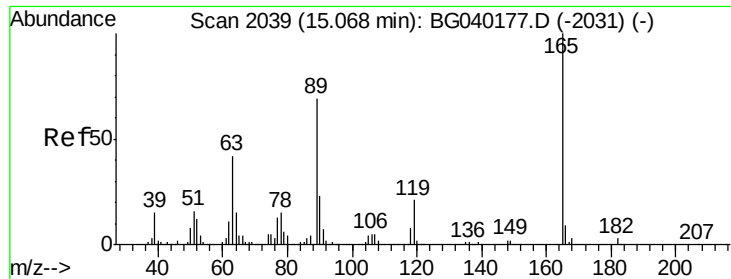


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

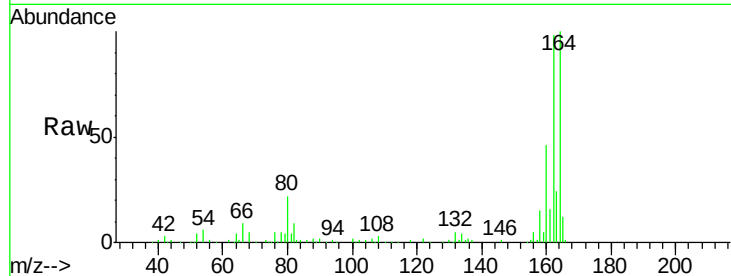




#57
 2,4-Dinitrotoluene
 Concen: 5.194 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.37 min
 Lab File: BG040533.D
 Acq: 17 Apr 2019 17:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	16588
Ion Ratio	Lower	Upper
165	100	
63	1.9	33.8 50.6#
89	1.6	55.4 83.2#
182	0.0	2.2 3.4#

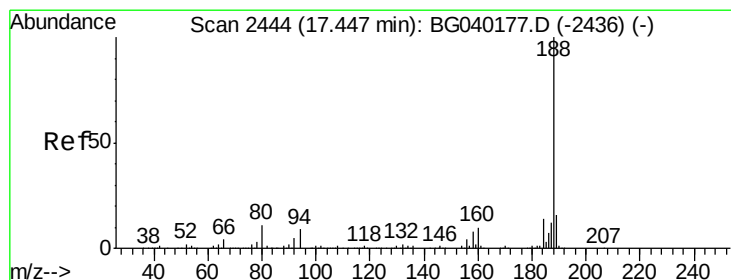
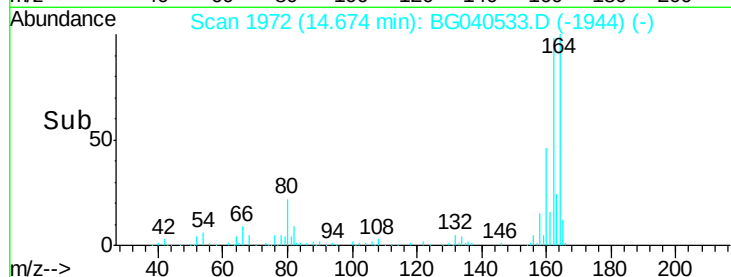
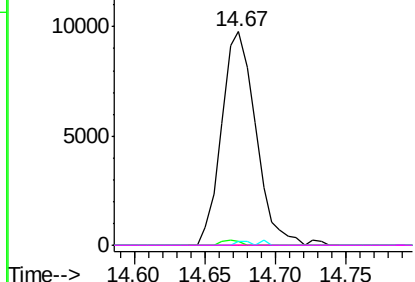


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

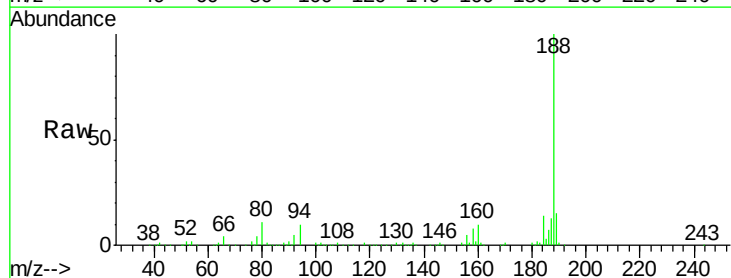
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.00 min
 Lab File: BG040533.D
 Acq: 17 Apr 2019 17:08

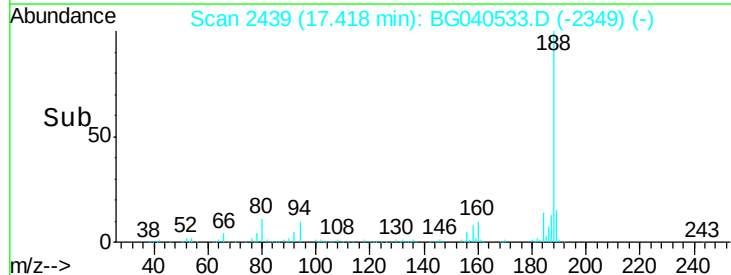
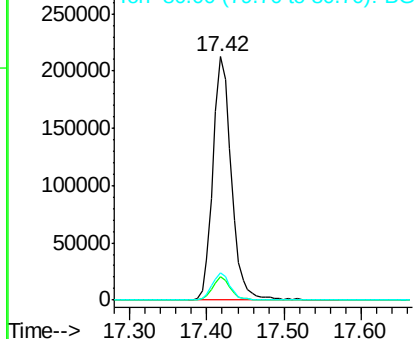
Tgt Ion:188	Resp:	350158
Ion Ratio	Lower	Upper
188	100	
94	9.7	7.0 10.4
80	11.2	8.6 13.0

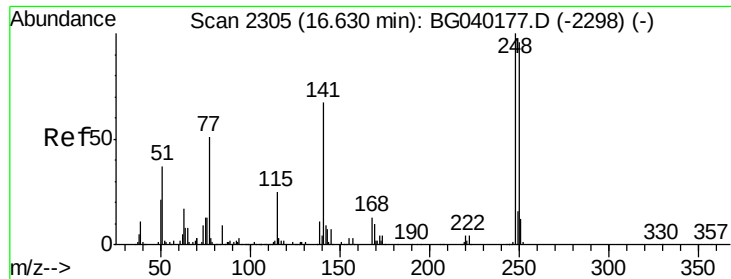


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

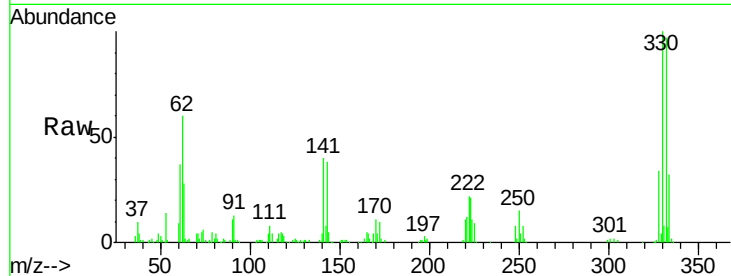




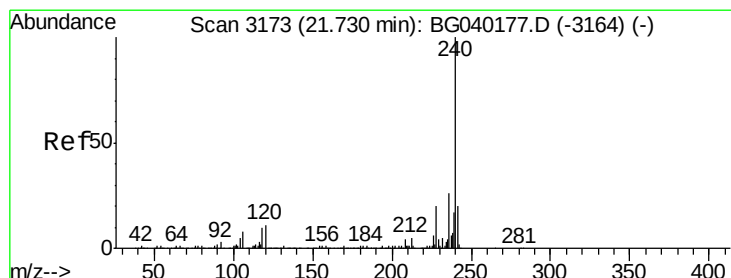
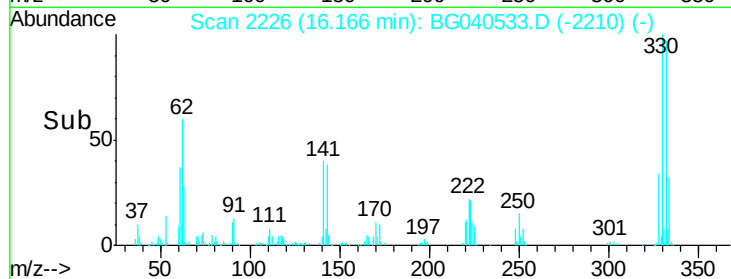
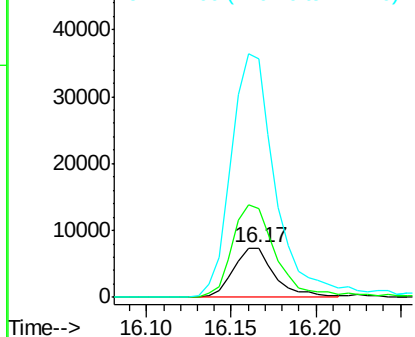
#67
 4-Bromophenyl-phenylether
 Concen: 3.223 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.44 min
 Lab File: BG040533.D
 Acq: 17 Apr 2019 17:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 12700
 Ion Ratio Lower Upper
 248 100
 250 179.6 76.4 114.6#
 141 481.6 53.8 80.8#

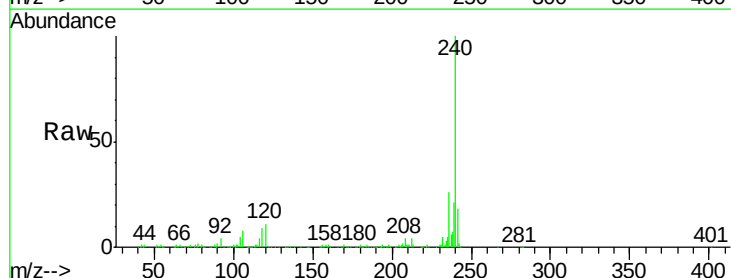


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

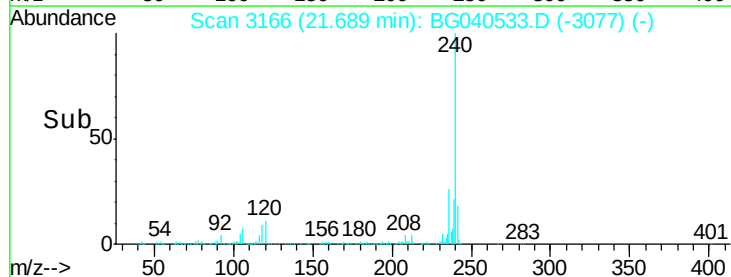
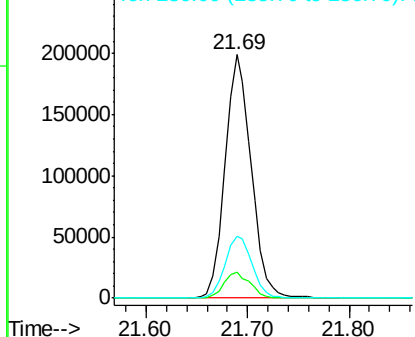


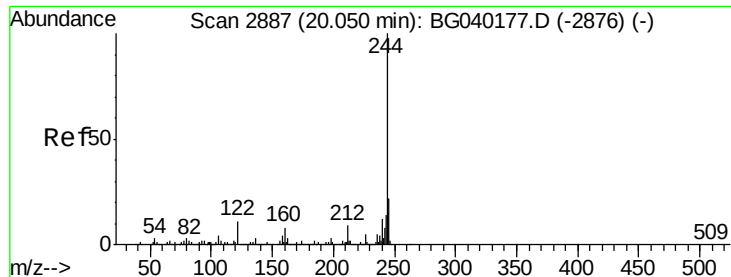
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG040533.D
 Acq: 17 Apr 2019 17:08

Tgt Ion:240 Resp: 354860
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.4 12.6
 236 25.6 20.8 31.2



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





#79

Terphenyl-d14

Concen: 77.138 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG040533.D

Acq: 17 Apr 2019 17:08

Instrument :

BNA_G

ClientSampled :

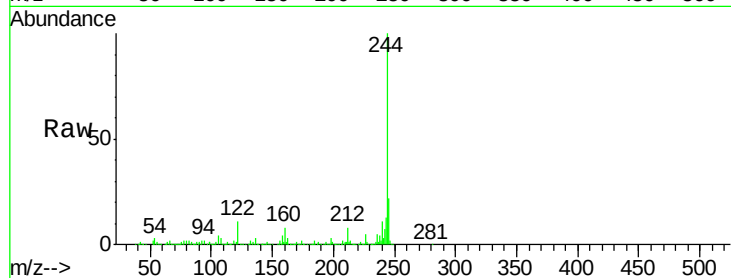
Tot Ion:244 Resp: 1216780

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

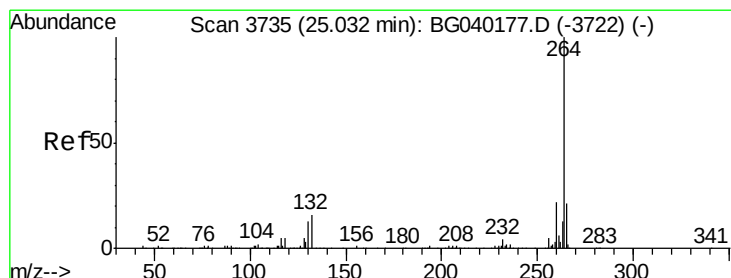
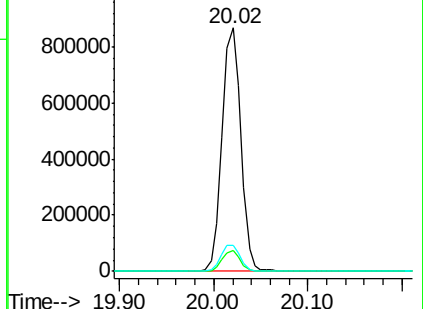
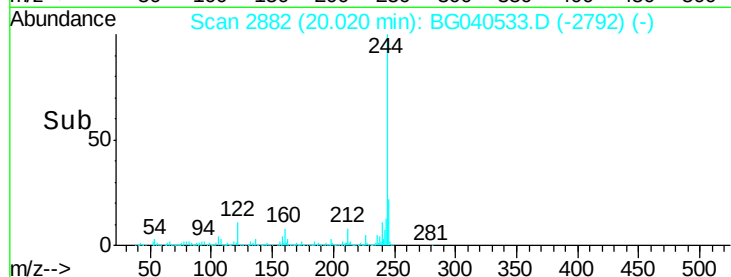
122 10.8 8.5 12.7



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.96 min Scan# 3723

Delta R.T. -0.01 min

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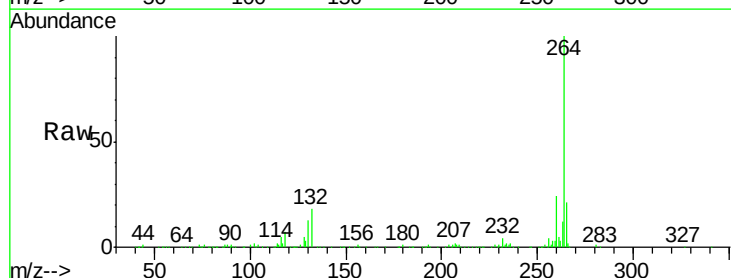
Tgt Ion:264 Resp: 380738

Ion Ratio Lower Upper

264 100

260 24.4 17.9 26.9

265 21.4 16.8 25.2



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

