

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040519\
 Data File : BG040385.D
 Acq On : 5 Apr 2019 20:25
 Operator : JU/SJ
 Sample : PB118634BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118634BL

Quant Time: Apr 05 23:38:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

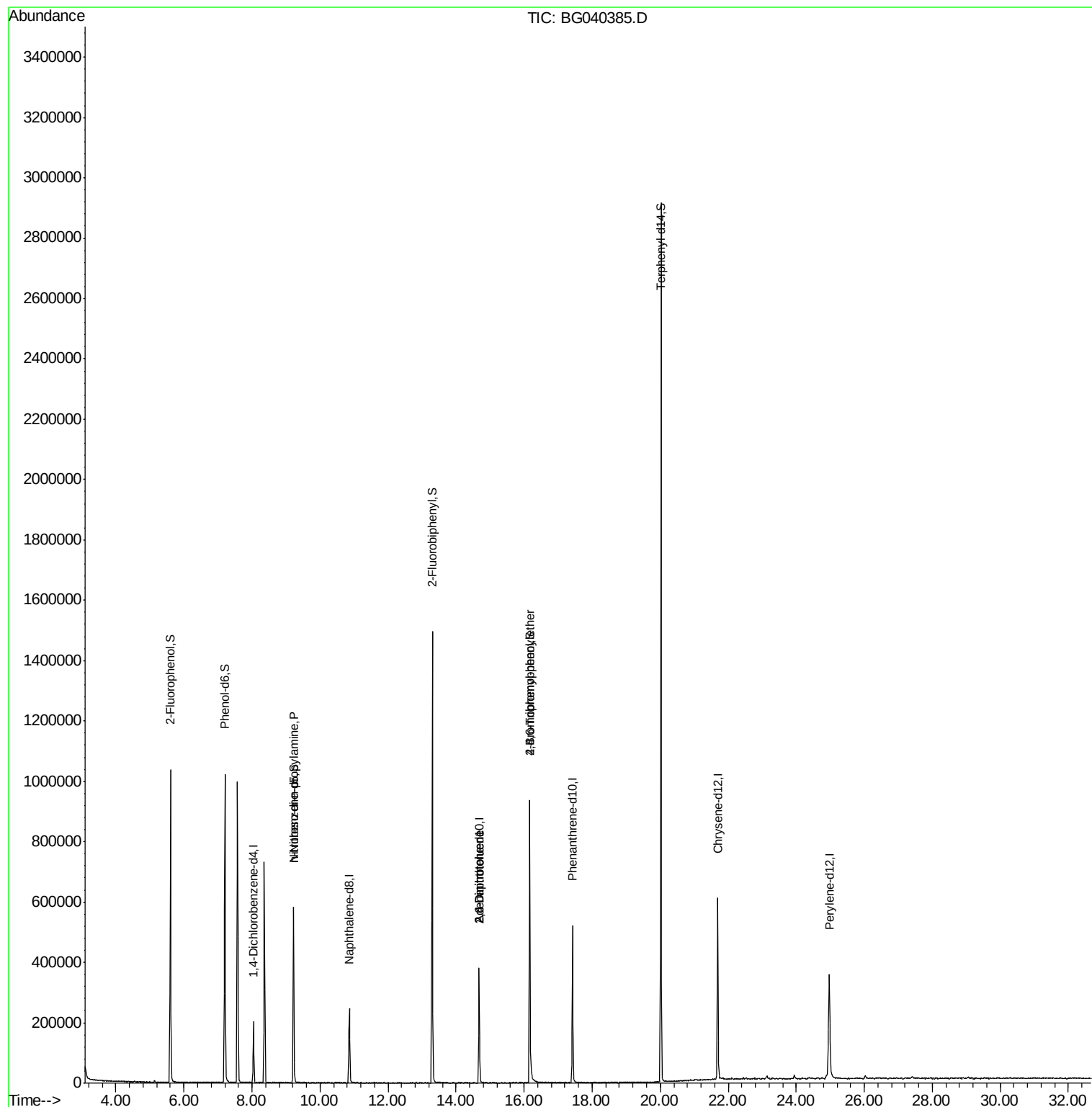
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	57800	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	231994	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	141032	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	349126	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	400060	20.00	ng	-0.04
87) Perylene-d12	24.97	264	399634	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	457804	131.67	ng	-0.02
7) Phenol-d6	7.20	99	627332	130.56	ng	-0.02
23) Nitrobenzene-d5	9.22	82	366873	84.06	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	197870	129.82	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	839919	88.25	ng	-0.02
79) Terphenyl-d14	20.02	244	1356834	76.30	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	45803	13.295	ng	# 73
51) 2,6-Dinitrotoluene	14.67	165	18251	7.364	ng	# 26
57) 2,4-Dinitrotoluene	14.67	165	18251	5.300	ng	# 26
67) 4-Bromophenyl-phenylether	16.16	248	14518	3.695	ng	# 1

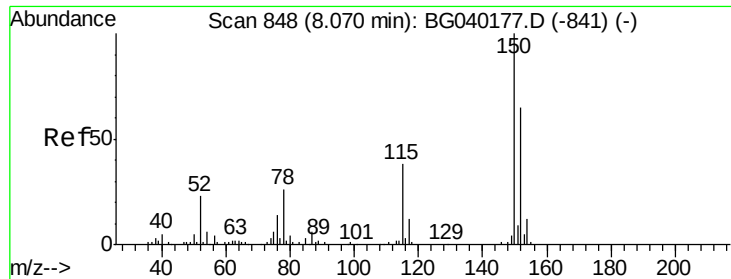
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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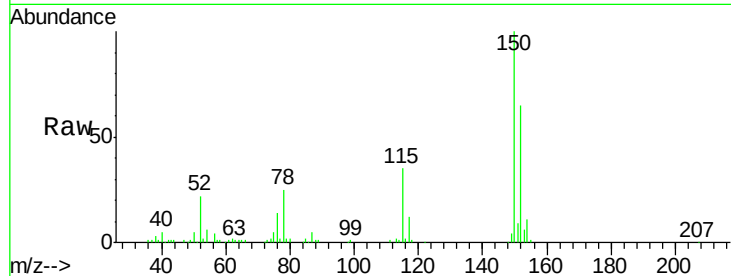


#1

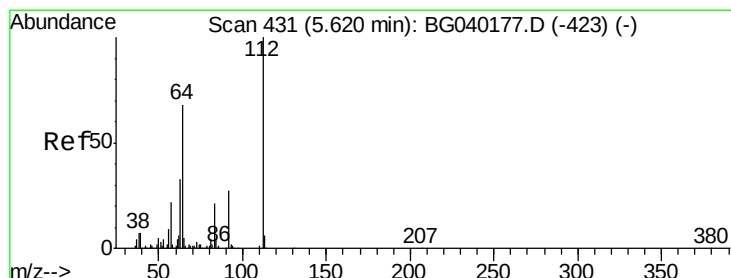
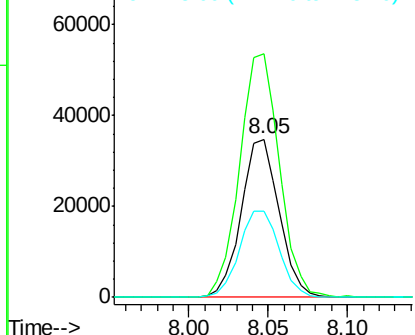
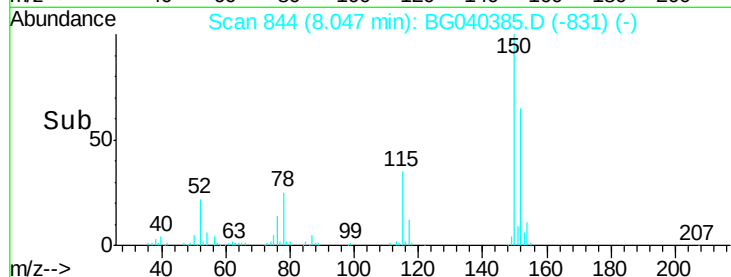
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040385.D
Acq: 5 Apr 2019 20:25

Instrument :
BNA_G
ClientSampleId :
PB118634BL

Tot Ion	152	Resp	57800
Ion Ratio	Lower	Upper	
152	100		
150	154.0	123.7	185.5
115	54.4	46.9	70.3



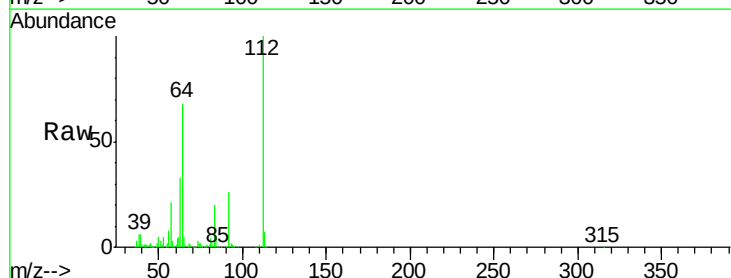
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



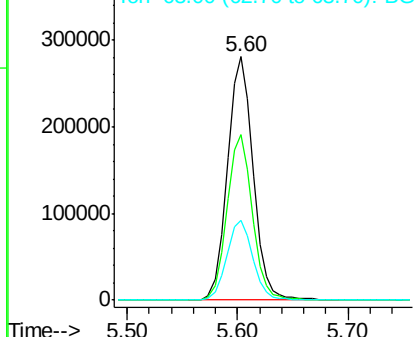
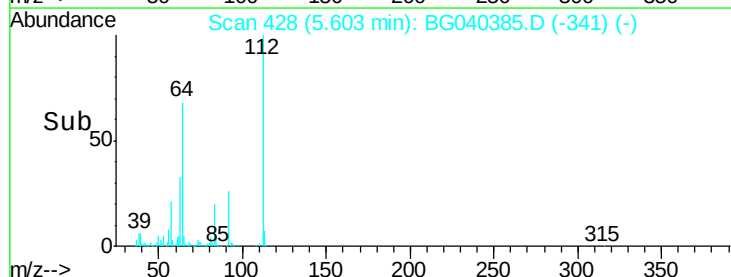
#5

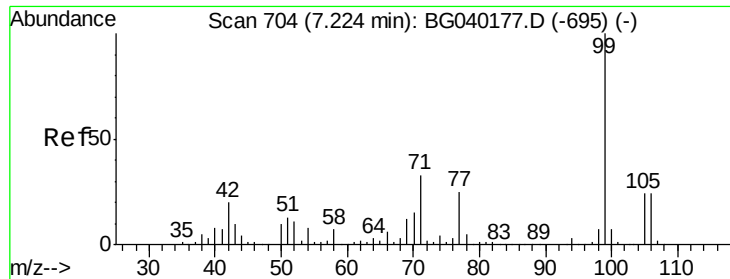
2-Fluorophenol
Concen: 131.671 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040385.D
Acq: 5 Apr 2019 20:25

Tgt Ion	112	Resp	457804
Ion Ratio	Lower	Upper	
112	100		
64	68.0	54.2	81.2
63	32.7	26.4	39.6



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





#7

Phenol-d6

Concen: 130.555 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040385.D

Acq: 5 Apr 2019 20:25

Instrument :

BNA_G

ClientSampleId :

PB118634BL

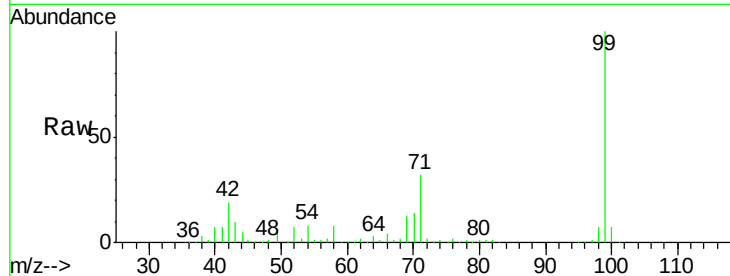
Tot Ion: 99 Resp: 627332

Ion Ratio Lower Upper

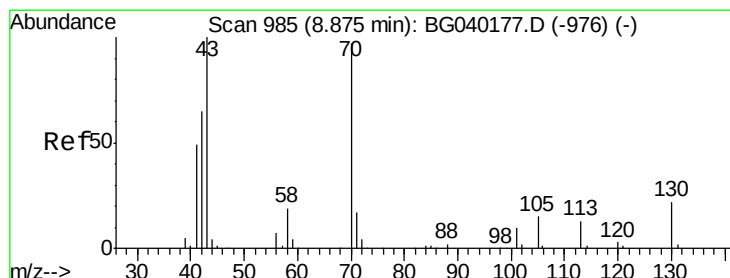
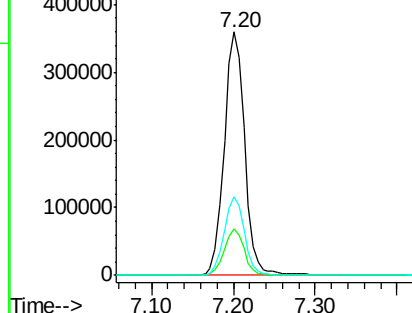
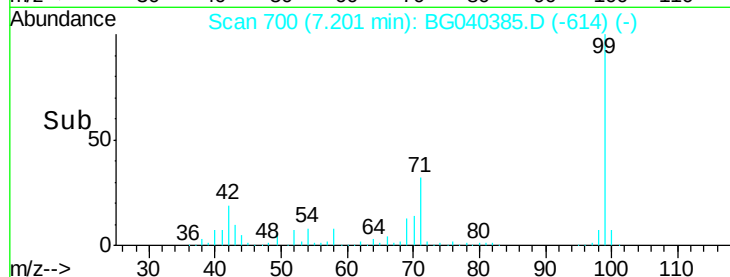
99 100

42 18.9 16.2 24.2

71 32.1 26.8 40.2



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: 13.295 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040385.D

Acq: 5 Apr 2019 20:25

Tgt Ion: 70 Resp: 45803

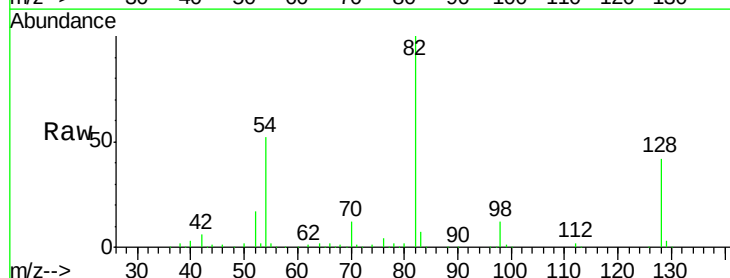
Ion Ratio Lower Upper

70 100

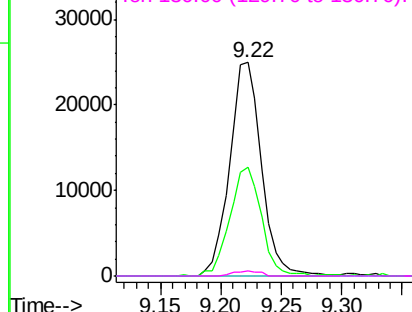
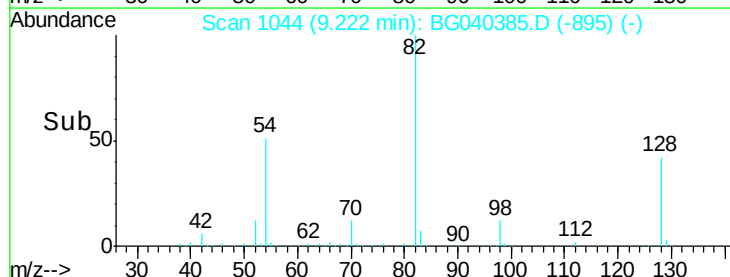
42 50.7 54.0 81.0#

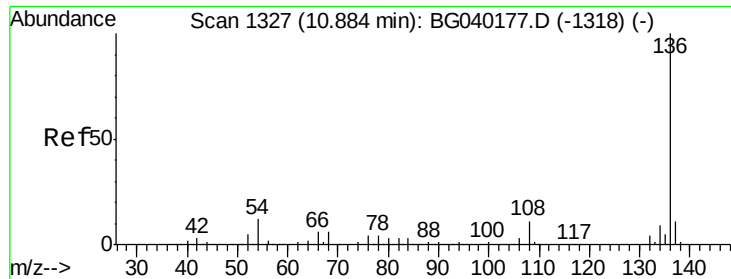
101 0.0 8.6 13.0#

130 2.2 18.2 27.2#



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

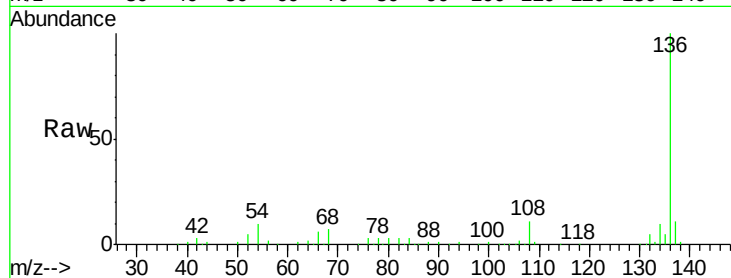




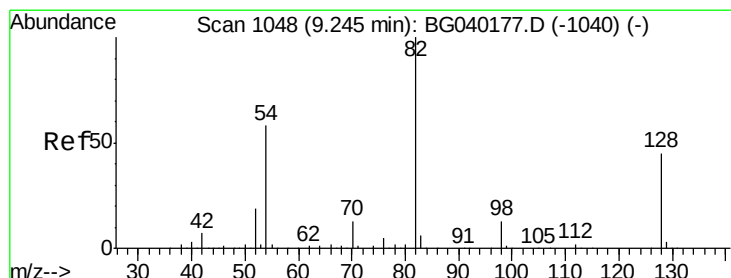
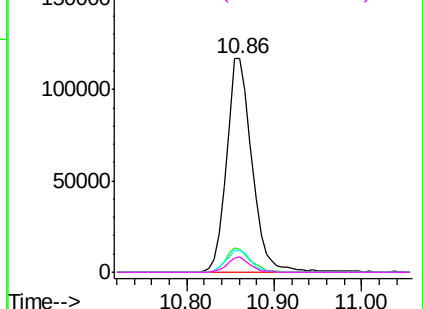
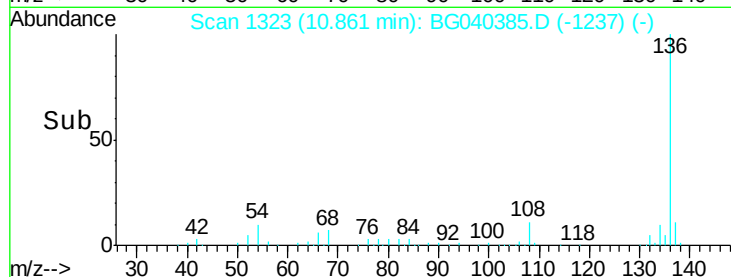
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040385.D
Acq: 5 Apr 2019 20:25

Instrument :
BNA_G
ClientSampleId :
PB118634BL

Tot Ion:136	Resp:	231994
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.9	13.3
54 10.1	9.6	14.4
68 7.4	5.1	7.7

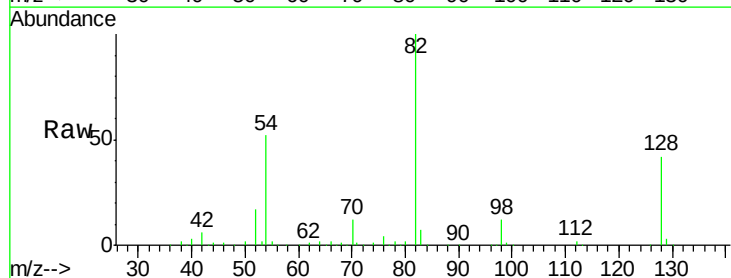


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

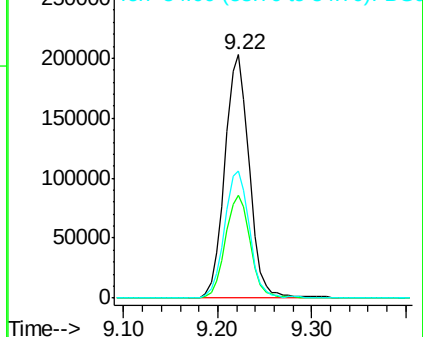
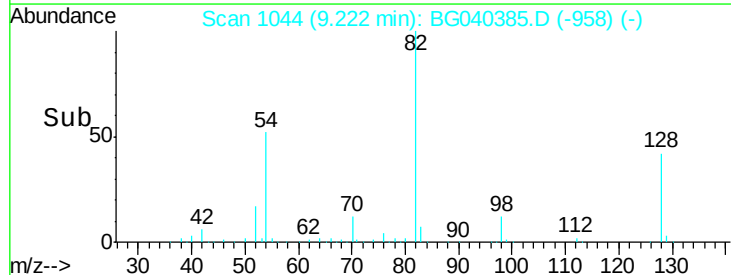


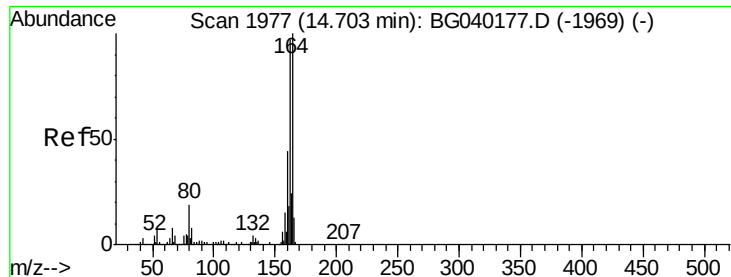
#23
Nitrobenzene-d5
Concen: 84.056 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040385.D
Acq: 5 Apr 2019 20:25

Tgt	Ion: 82	Resp:	366873
Ion	Ratio	Lower	Upper
82	100		
128	42.5	35.8	53.8
54	52.1	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. -0.03 min

Lab File: BG040385.D

Acq: 5 Apr 2019 20:25

Instrument :

BNA_G

ClientSampleId :

PB118634BL

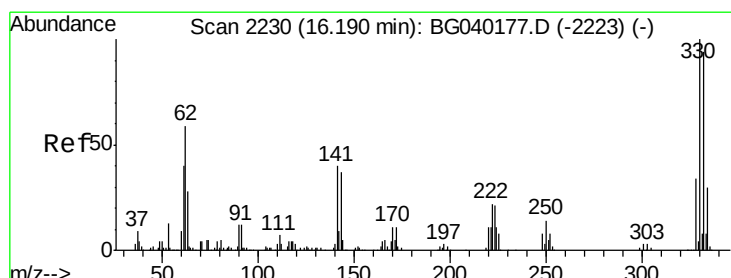
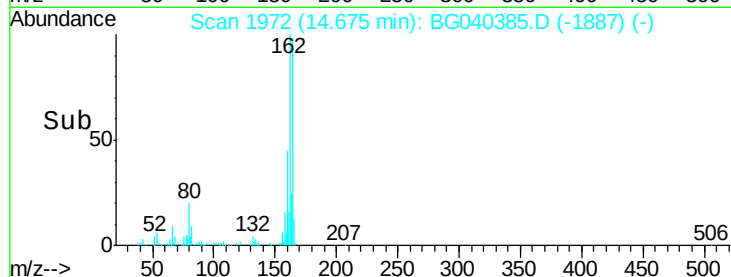
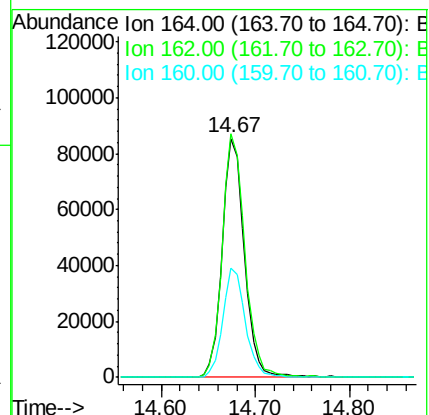
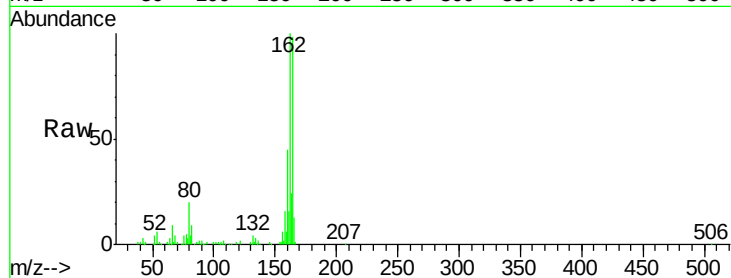
Tot Ion:164 Resp: 141032

Ion Ratio Lower Upper

164 100

162 101.9 77.4 116.2

160 45.8 35.3 52.9



#42

2,4,6-Tribromophenol

Concen: 129.820 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040385.D

Acq: 5 Apr 2019 20:25

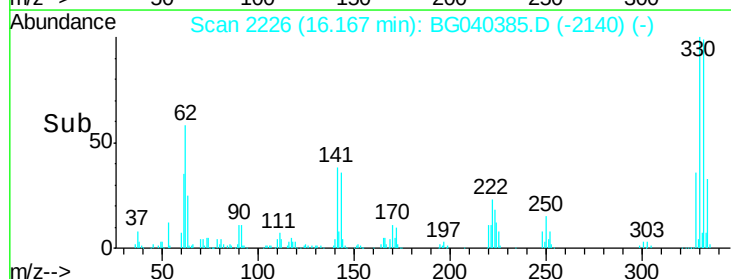
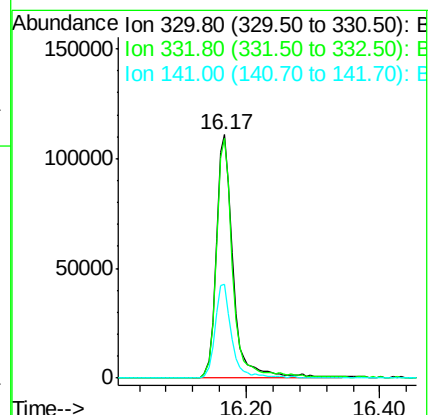
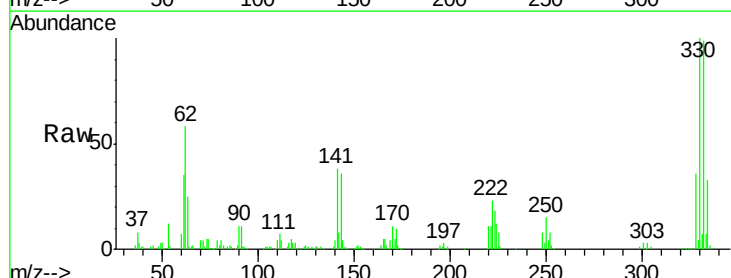
Tgt Ion:330 Resp: 197870

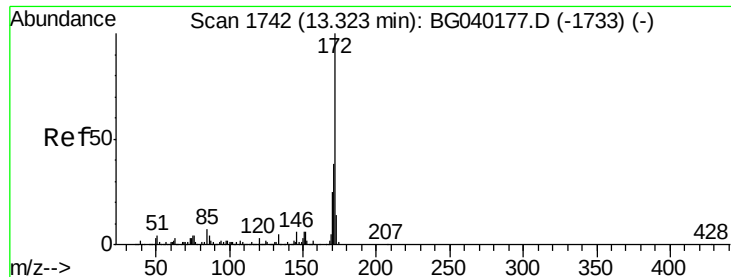
Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

141 37.9 32.6 48.8

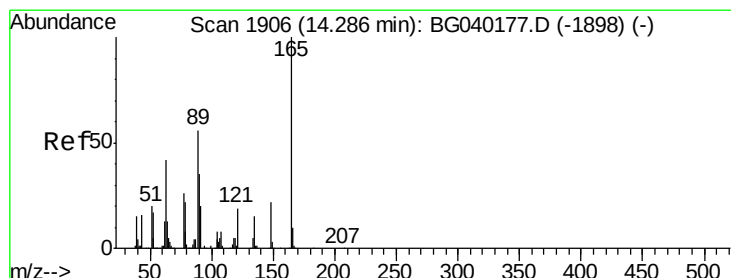
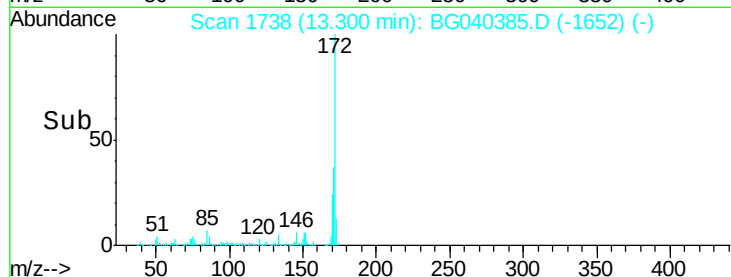
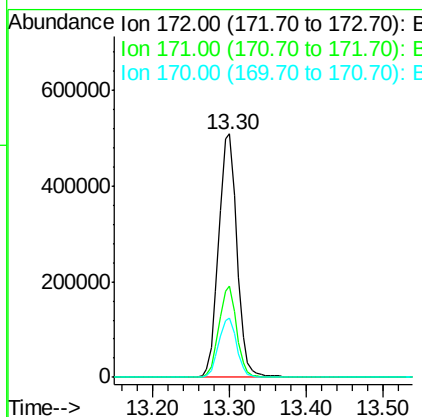
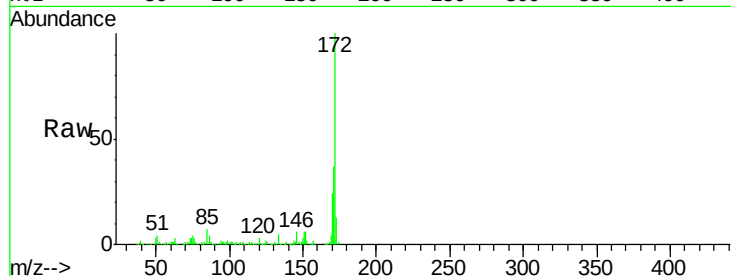




#45
2-Fluorobiphenyl
Concen: 88.247 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040385.D
Acq: 5 Apr 2019 20:25

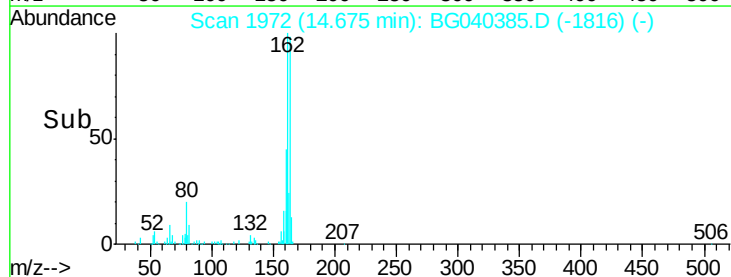
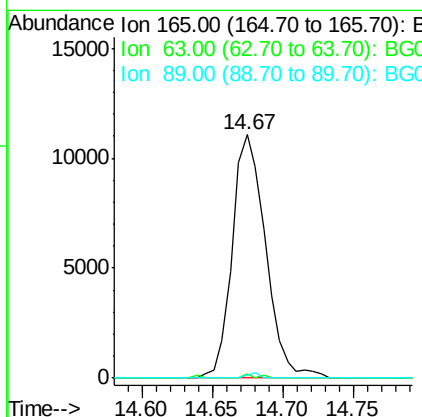
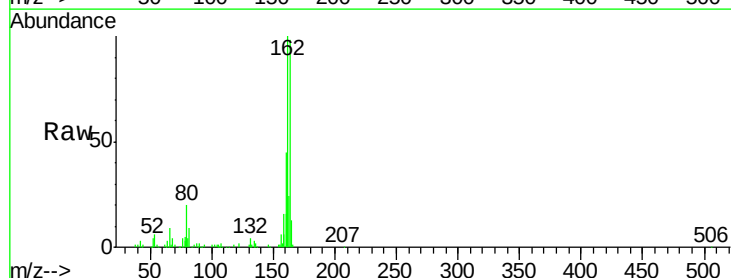
Instrument :
BNA_G
ClientSampleId :
PB118634BL

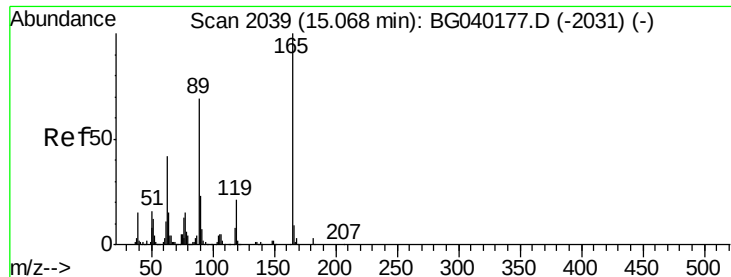
Tot Ion:172 Resp: 839919
Ion Ratio Lower Upper
172 100
171 37.4 30.5 45.7
170 24.3 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.364 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.39 min
Lab File: BG040385.D
Acq: 5 Apr 2019 20:25

Tgt Ion:165 Resp: 18251
Ion Ratio Lower Upper
165 100
63 1.7 44.1 66.1#
89 1.4 44.9 67.3#





#57

2,4-Dinitrotoluene

Concen: 5.300 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.39 min

Lab File: BG040385.D

Acq: 5 Apr 2019 20:25

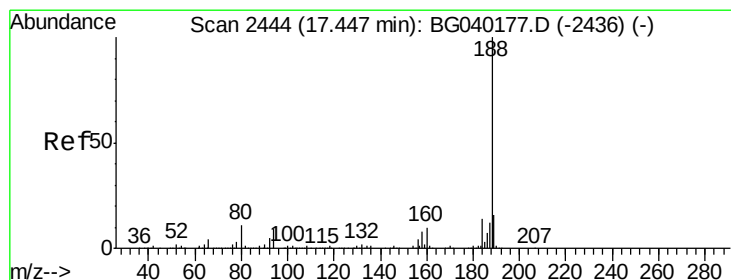
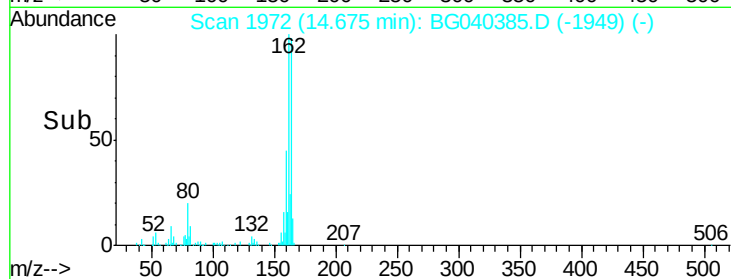
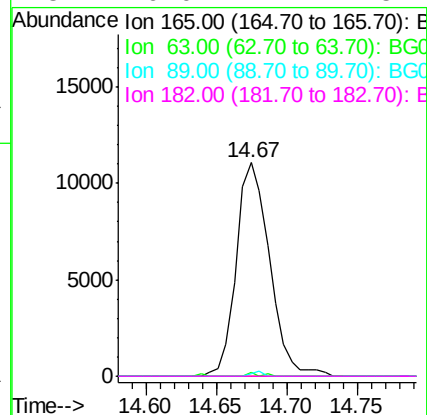
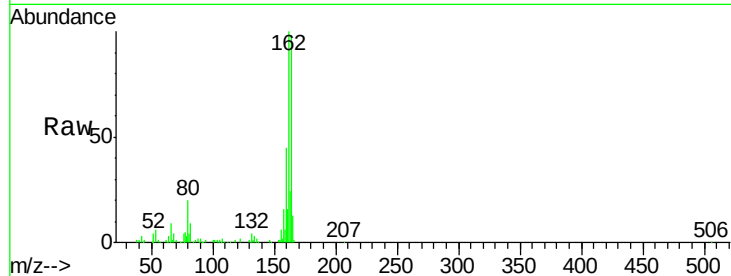
Instrument :

BNA_G

ClientSampleId :

PB118634BL

Tot Ion:165	Resp:	18251
Ion Ratio	Lower	Upper
165	100	
63	1.7	33.8 50.6#
89	1.4	55.4 83.2#
182	0.0	2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

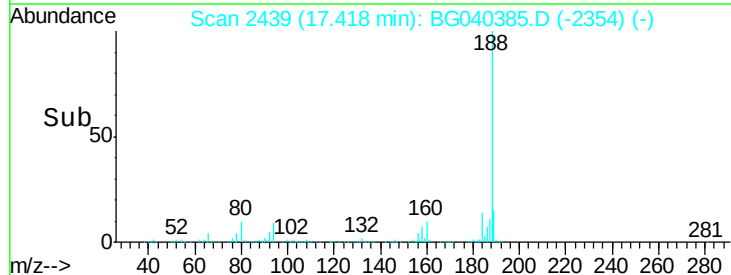
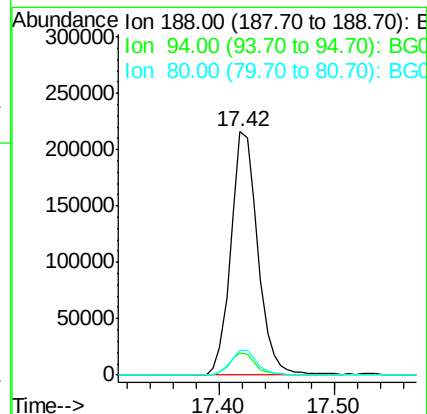
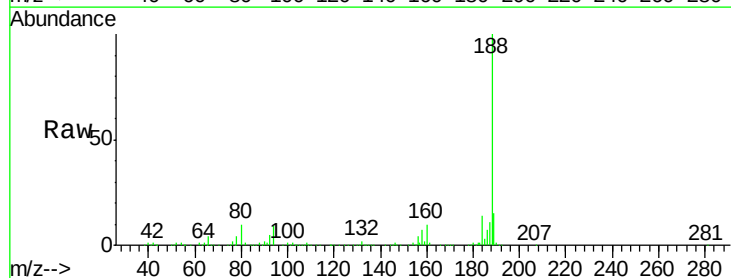
RT: 17.42 min Scan# 2439

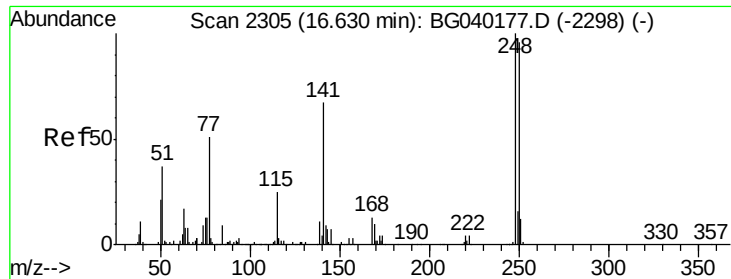
Delta R.T. -0.03 min

Lab File: BG040385.D

Acq: 5 Apr 2019 20:25

Tgt Ion:188	Resp:	349126
Ion Ratio	Lower	Upper
188	100	
94	9.4	7.0 10.4
80	10.3	8.6 13.0

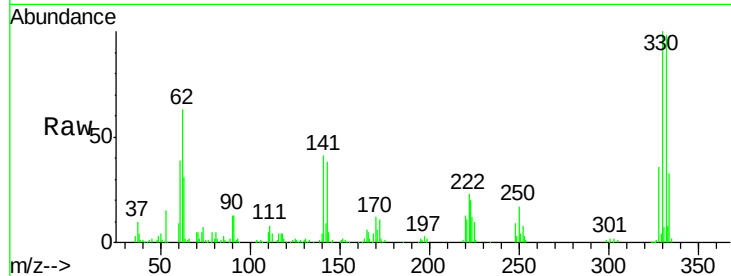




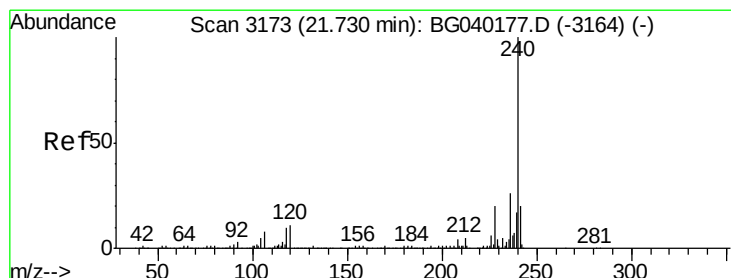
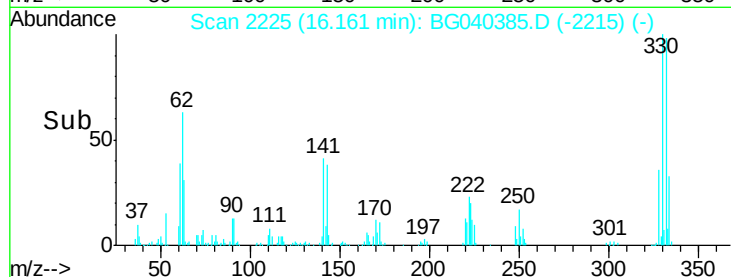
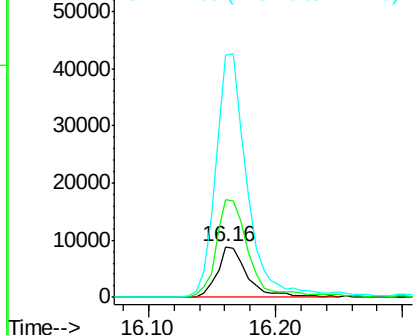
#67
4-Bromophenyl-phenylether
Concen: 3.695 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.47 min
Lab File: BG040385.D
Acq: 5 Apr 2019 20:25

Instrument :
BNA_G
ClientSampleId :
PB118634BL

Tot Ion:248 Resp: 14518
Ion Ratio Lower Upper
248 100
250 193.7 76.4 114.6#
141 480.3 53.8 80.8#

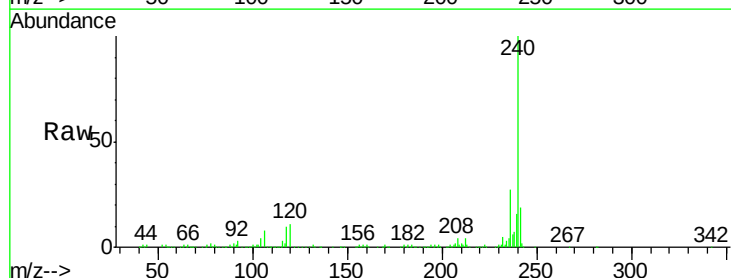


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

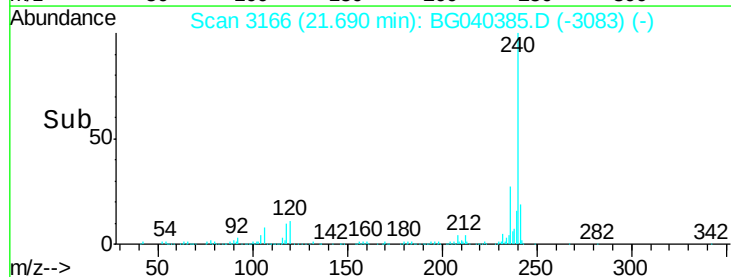
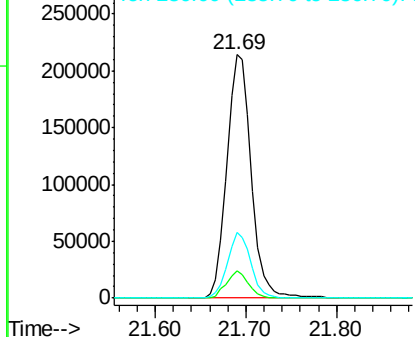


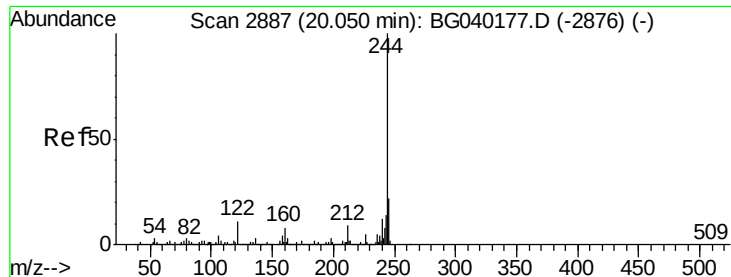
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.04 min
Lab File: BG040385.D
Acq: 5 Apr 2019 20:25

Tgt Ion:240 Resp: 400060
Ion Ratio Lower Upper
240 100
120 11.2 8.4 12.6
236 26.8 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: 76.299 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040385.D

Acq: 5 Apr 2019 20:25

Instrument :

BNA_G

ClientSampleId :

PB118634BL

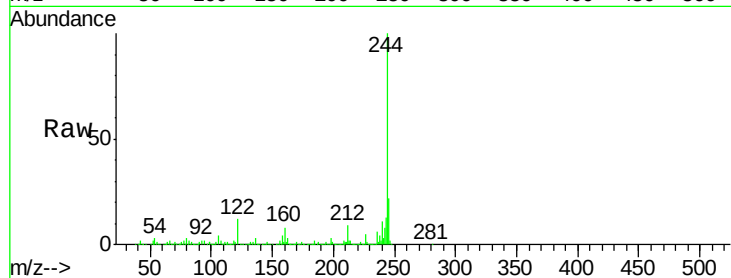
Tot Ion:244 Resp: 1356834

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

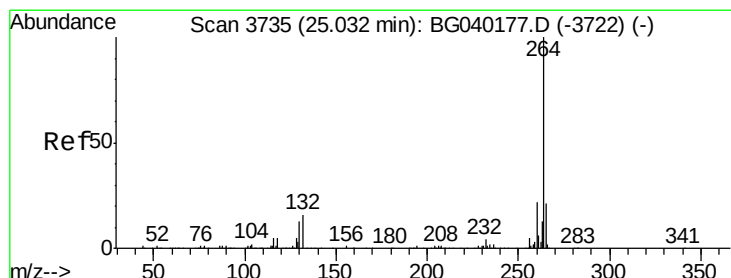
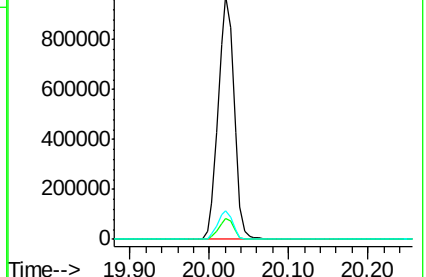
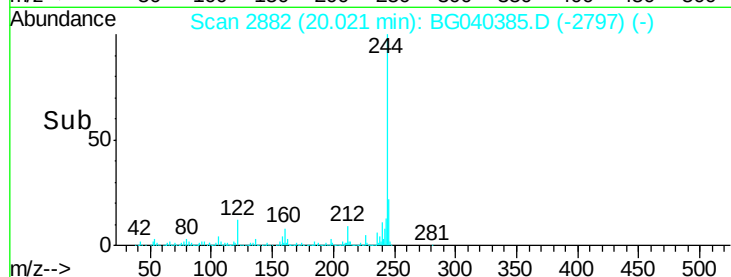
122 11.7 8.5 12.7



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: 24.97 min Scan# 3724

Delta R.T. -0.06 min

Lab File: BG040385.D

Acq: 5 Apr 2019 20:25

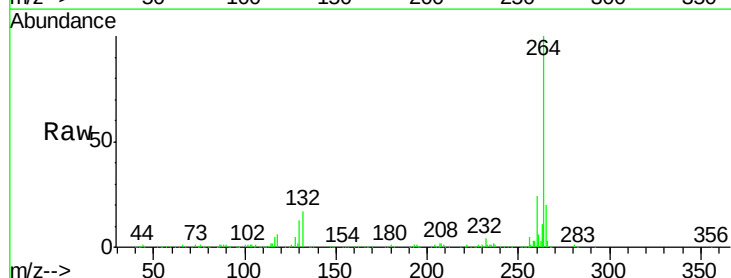
Tgt Ion:264 Resp: 399634

Ion Ratio Lower Upper

264 100

260 23.8 17.9 26.9

265 20.5 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

