

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
 Data File : BG040353.D
 Acq On : 4 Apr 2019 9:55
 Operator : JU/SJ
 Sample : K2187-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 11:24:02 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

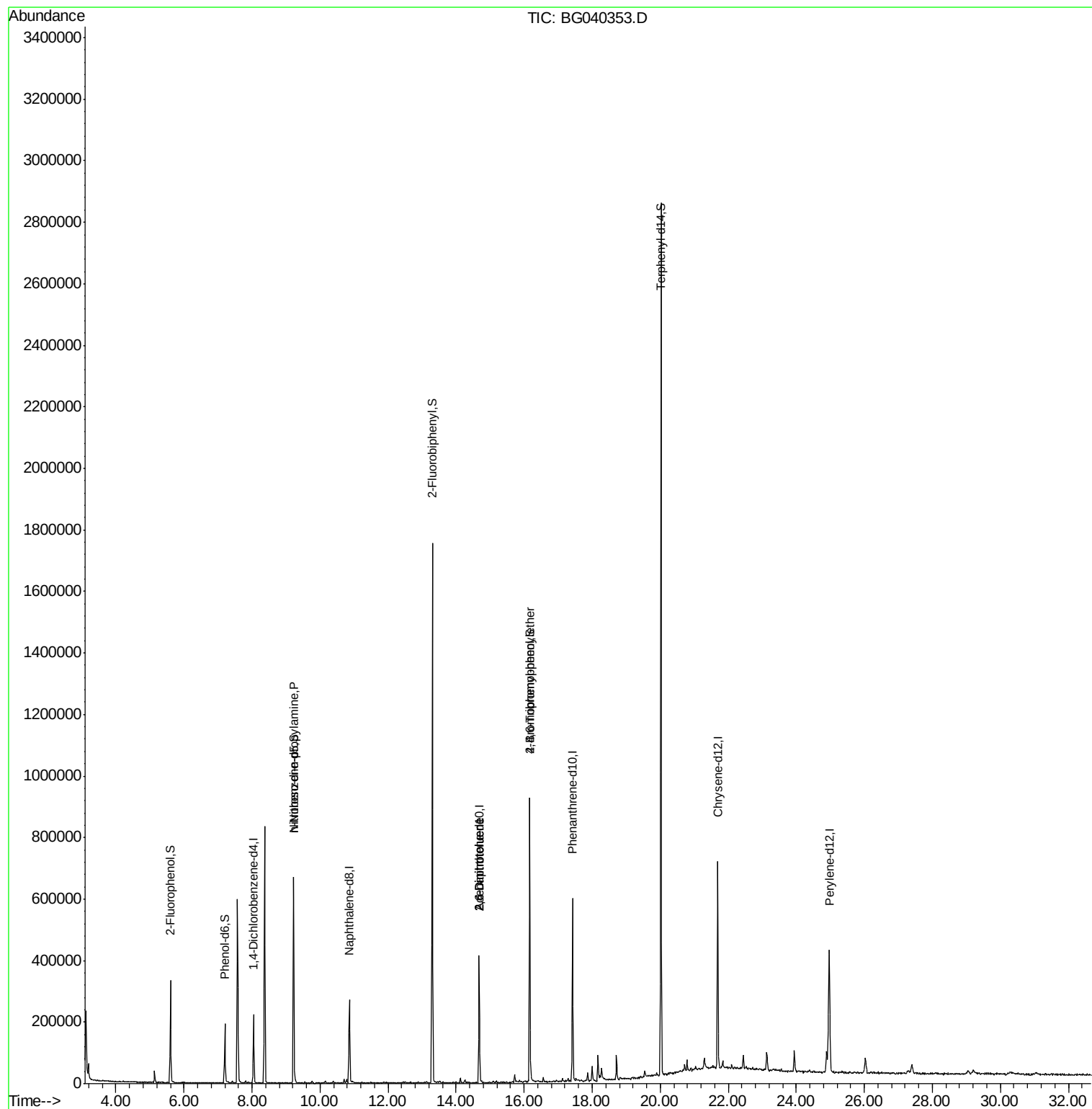
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	61667	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	242630	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	153234	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	371295	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	414393	20.00	ng	-0.04
87) Perylene-d12	24.97	264	426745	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	152350	41.07	ng	-0.02
7) Phenol-d6	7.20	99	122550	23.90	ng	-0.02
23) Nitrobenzene-d5	9.22	82	420924	92.21	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	163818	98.92	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	932764	90.20	ng	-0.02
79) Terphenyl-d14	20.02	244	1315015	71.39	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	52301	14.229	ng	# 72
51) 2,6-Dinitrotoluene	14.67	165	19198	7.129	ng	# 25
57) 2,4-Dinitrotoluene	14.67	165	19198	5.131	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	12690	3.037	ng	# 1

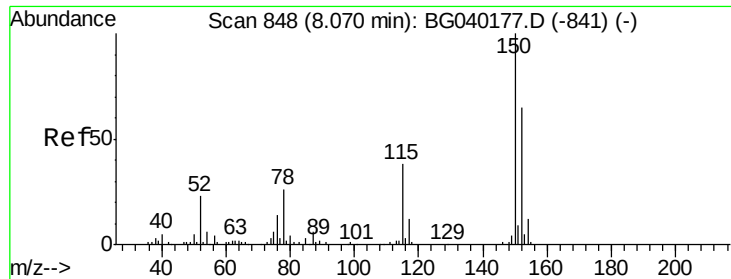
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration



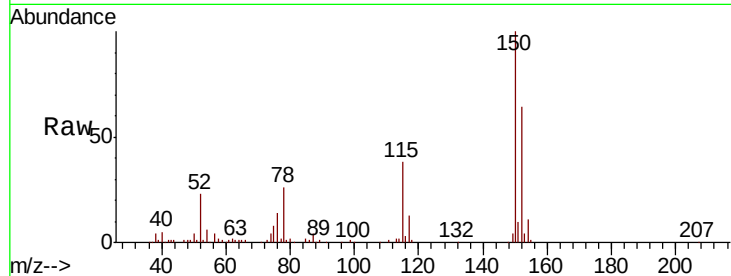


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040353.D
Acq: 4 Apr 2019 9:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	152	Resp	61667
Ion Ratio	Lower	Upper	
152	100		
150	157.3	123.7	185.5
115	60.2	46.9	70.3

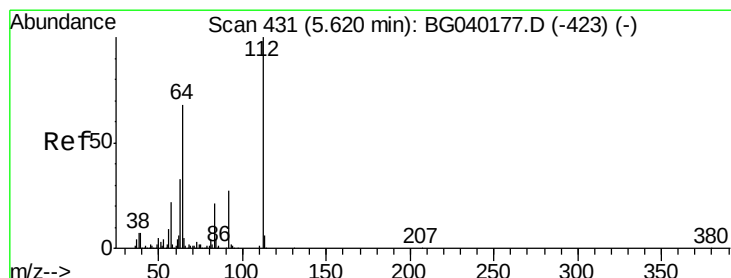
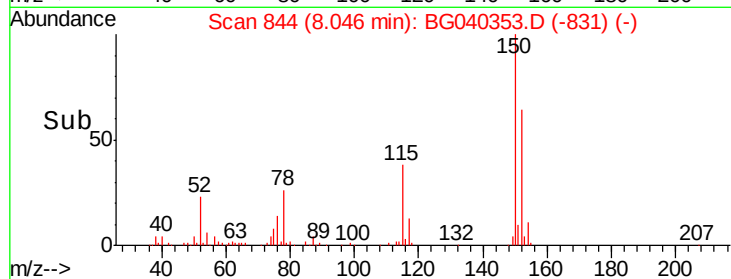
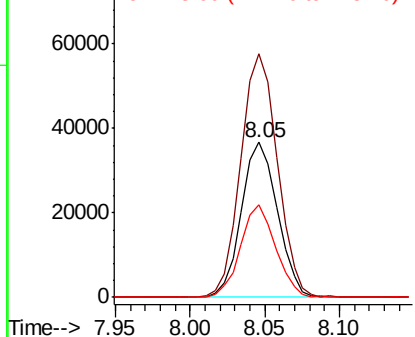


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

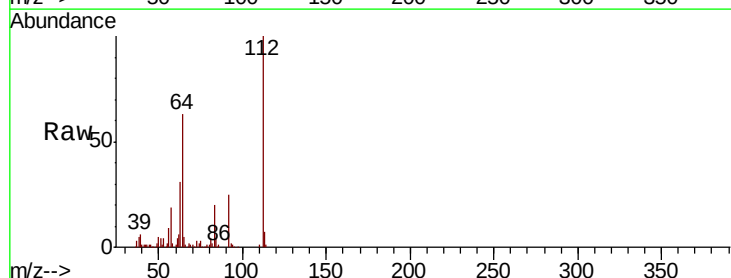
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 41.070 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040353.D
Acq: 4 Apr 2019 9:55

Tgt Ion	112	Resp	152350
Ion Ratio	Lower	Upper	
112	100		
64	63.4	54.2	81.2
63	31.3	26.4	39.6

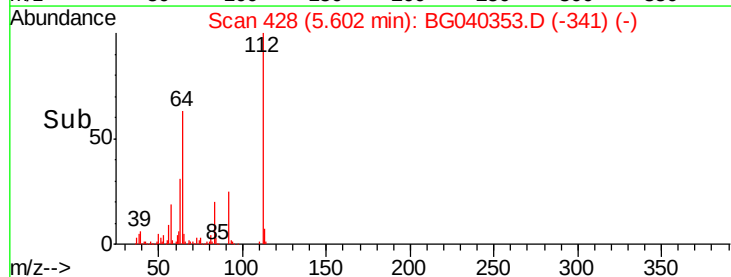
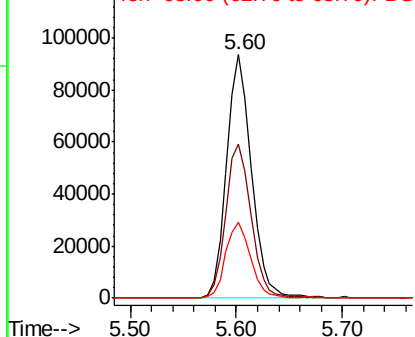


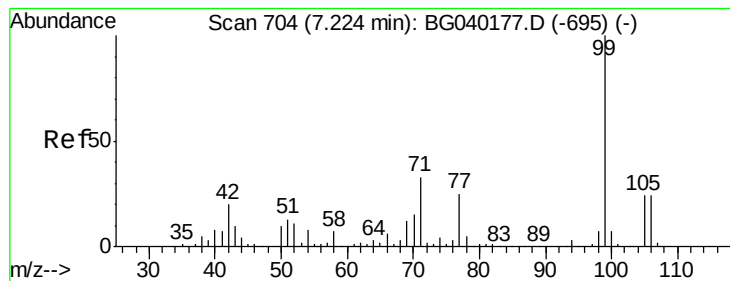
Abundance

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: 23.905 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040353.D

Acq: 4 Apr 2019 9:55

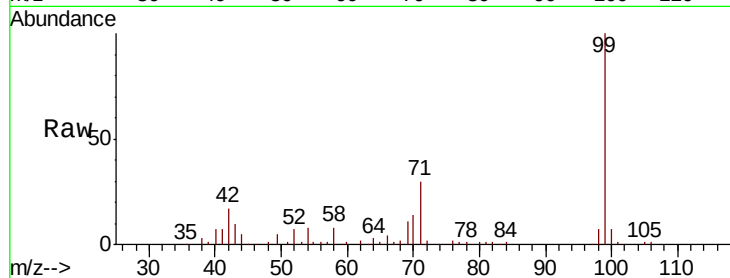
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 122550

Ion	Ratio	Lower	Upper
99	100		
42	17.4	16.2	24.2
71	30.0	26.8	40.2

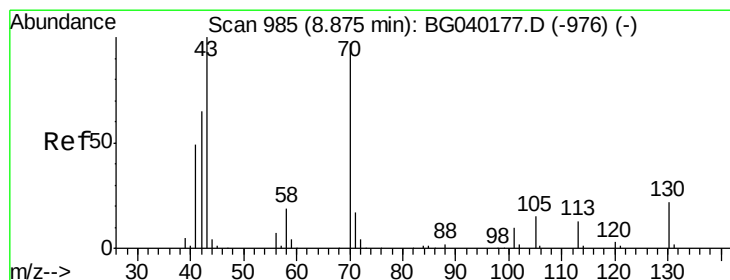
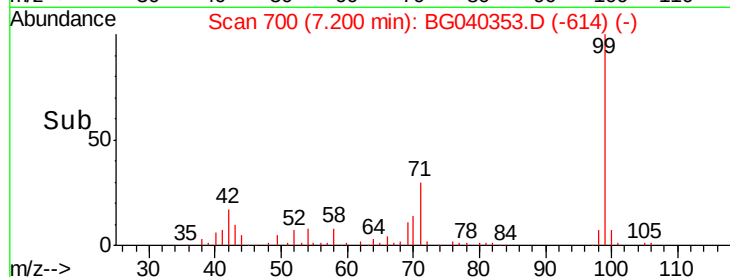
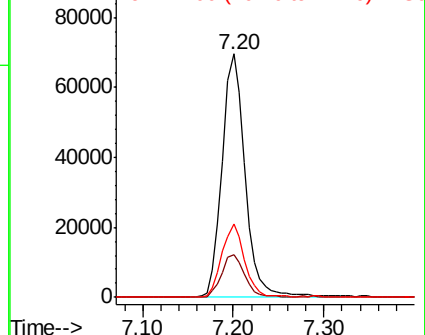


Abundance

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: 14.229 ng

RT: 9.22 min Scan# 1044

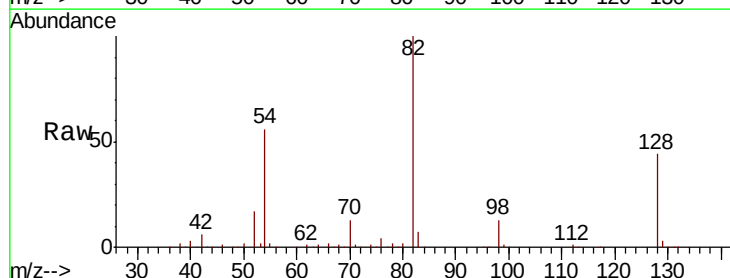
Delta R.T. 0.35 min

Lab File: BG040353.D

Acq: 4 Apr 2019 9:55

Tgt Ion: 70 Resp: 52301

Ion	Ratio	Lower	Upper
70	100		
42	48.4	54.0	81.0#
101	0.0	8.6	13.0#
130	2.5	18.2	27.2#



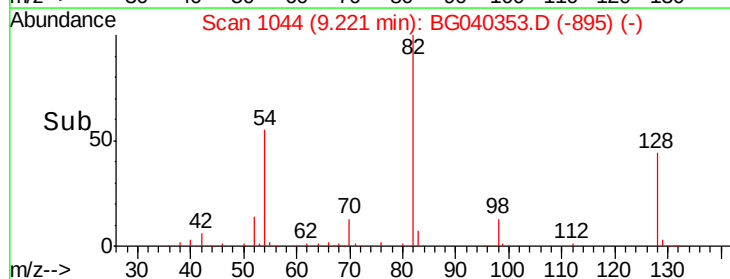
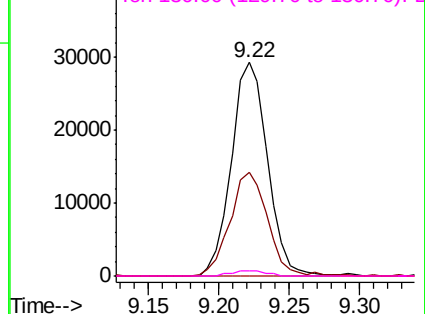
Abundance

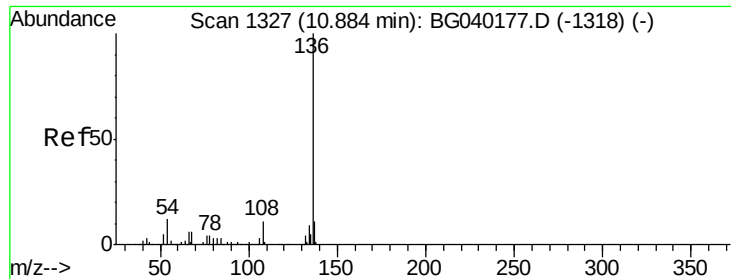
Ion 70.00 (69.70 to 70.70): BGC

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

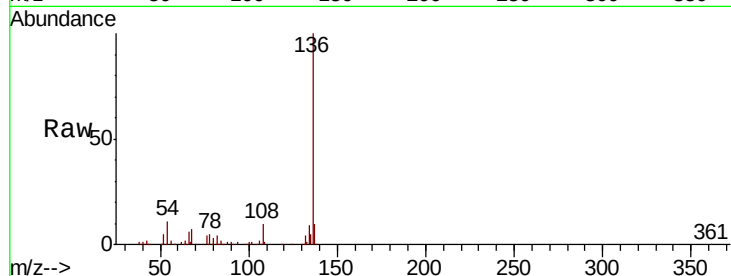




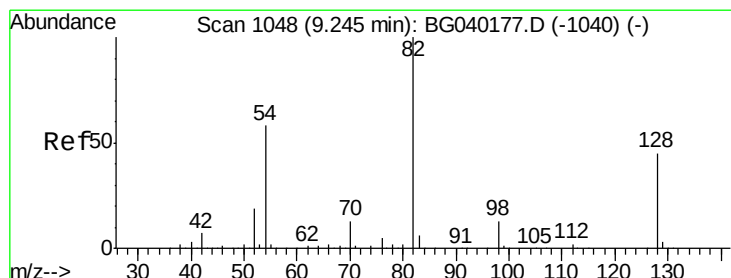
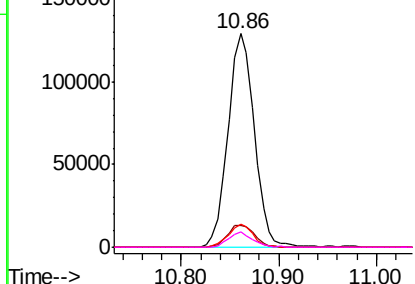
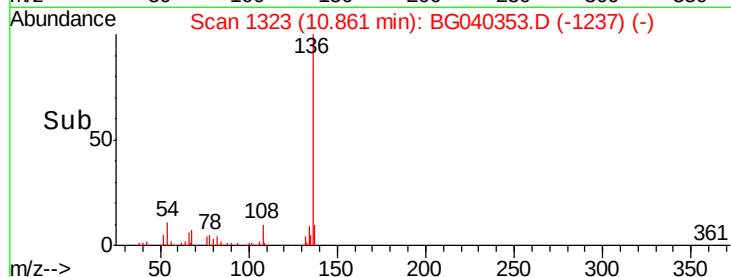
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040353.D
Acq: 4 Apr 2019 9:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	242630
Ion	Ratio	Lower Upper
136	100	
137	10.4	8.9 13.3
54	11.0	9.6 14.4
68	7.1	5.1 7.7

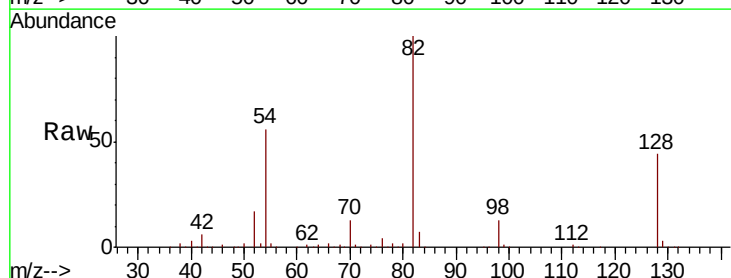


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

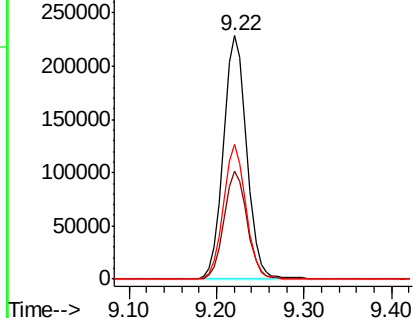
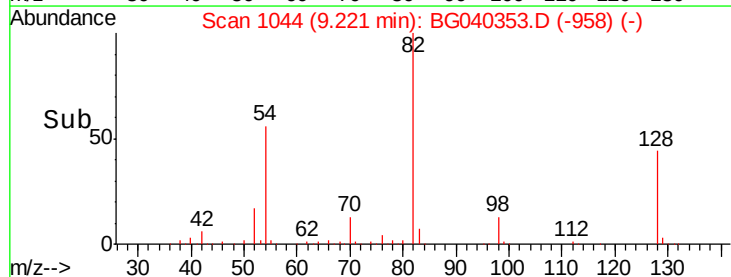


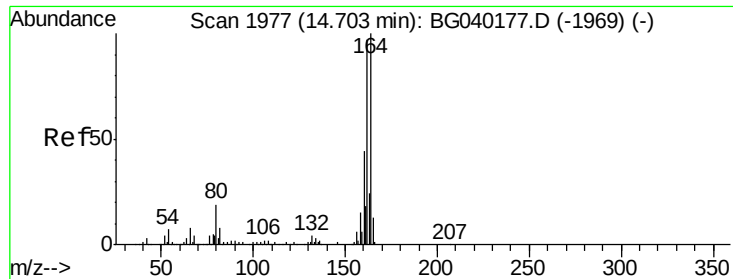
#23
Nitrobenzene-d5
Concen: 92.213 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040353.D
Acq: 4 Apr 2019 9:55

Tgt Ion: 82	Resp:	420924
Ion	Ratio	Lower Upper
82	100	
128	44.1	35.8 53.8
54	55.6	46.2 69.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040353.D

Acq: 4 Apr 2019 9:55

Instrument :

BNA_G

ClientSampleId :

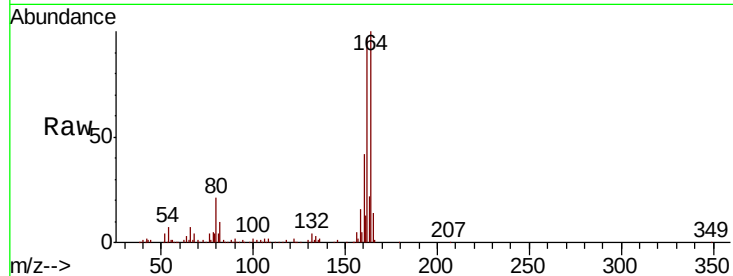
Tot Ion:164 Resp: 153234

Ion Ratio Lower Upper

164 100

162 96.8 77.4 116.2

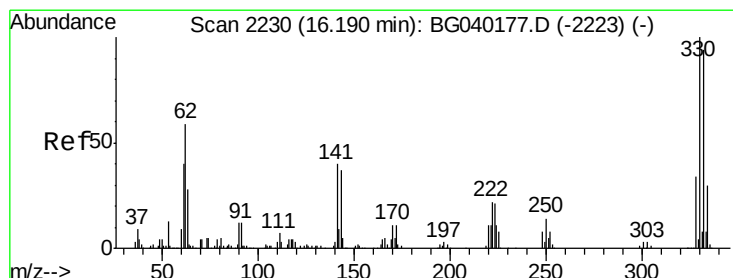
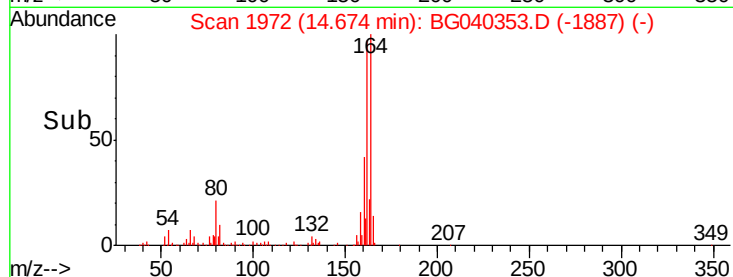
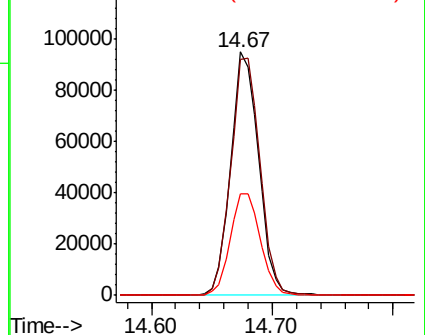
160 41.8 35.3 52.9



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: 98.920 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040353.D

Acq: 4 Apr 2019 9:55

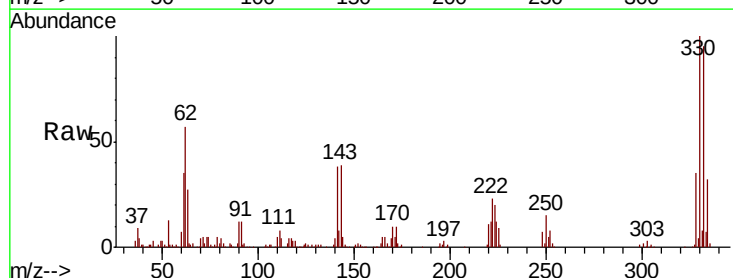
Tgt Ion:330 Resp: 163818

Ion Ratio Lower Upper

330 100

332 96.9 76.6 115.0

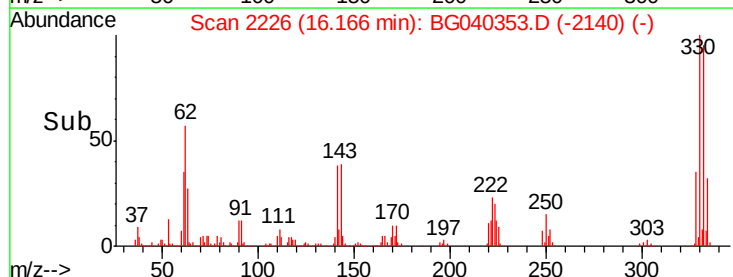
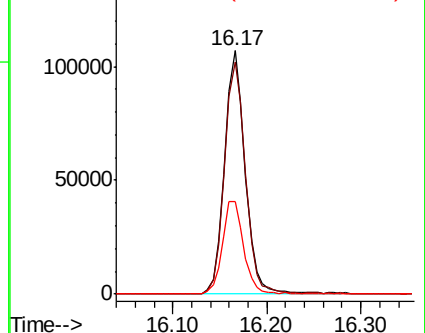
141 39.6 32.6 48.8

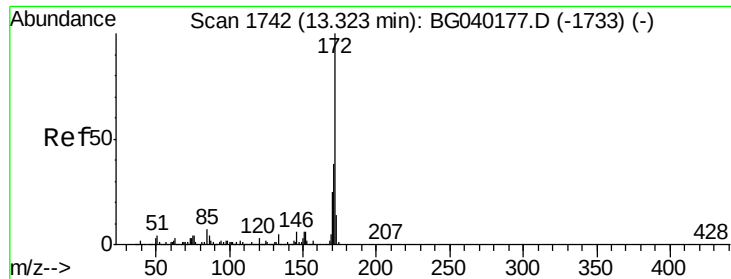


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

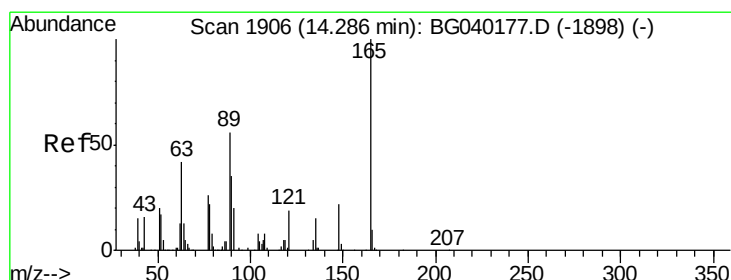
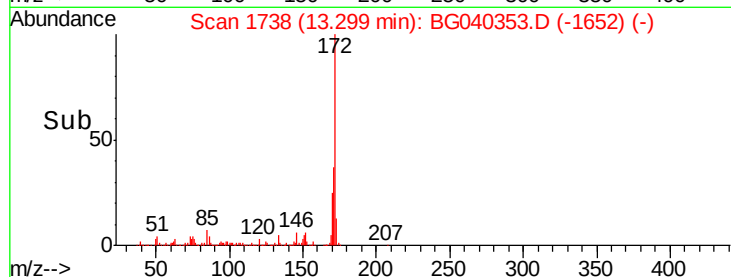
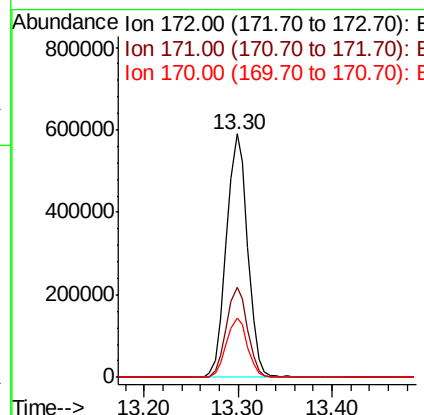
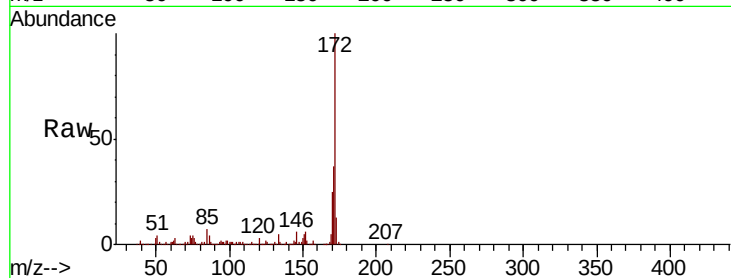




#45
2-Fluorobiphenyl
Concen: 90.198 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040353.D
Acq: 4 Apr 2019 9:55

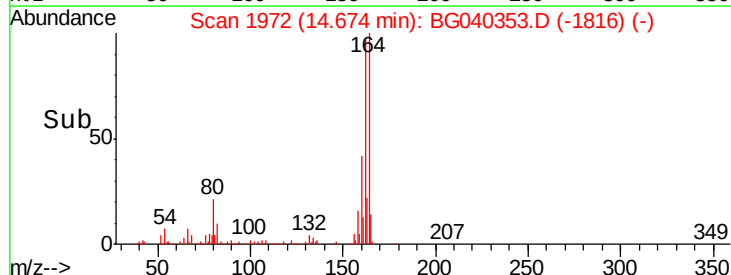
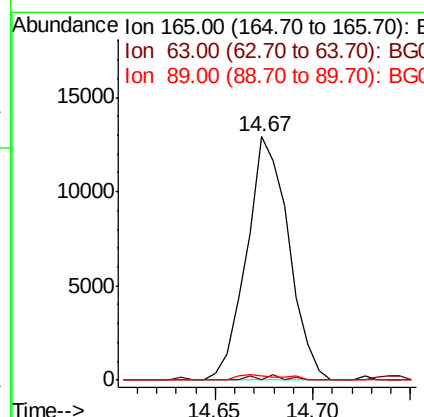
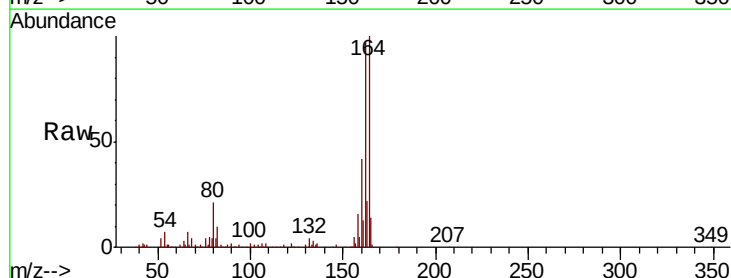
Instrument :
BNA_G
ClientSampleId :

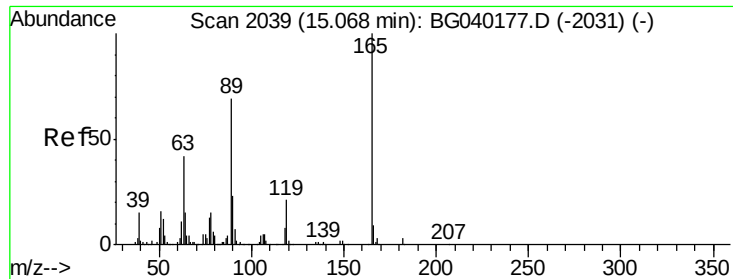
Tot Ion:172 Resp: 932764
Ion Ratio Lower Upper
172 100
171 37.1 30.5 45.7
170 24.6 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.129 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.39 min
Lab File: BG040353.D
Acq: 4 Apr 2019 9:55

Tgt Ion:165 Resp: 19198
Ion Ratio Lower Upper
165 100
63 0.0 44.1 66.1#
89 2.0 44.9 67.3#

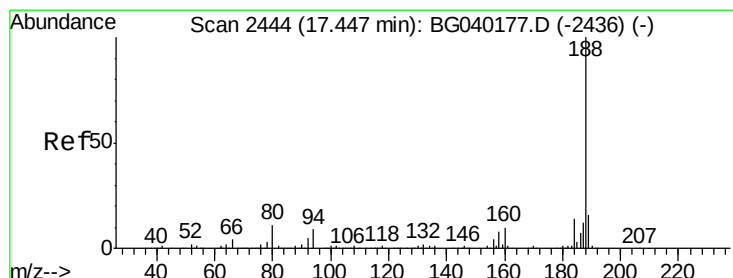
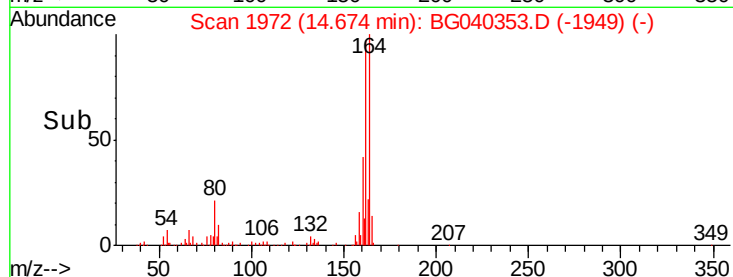
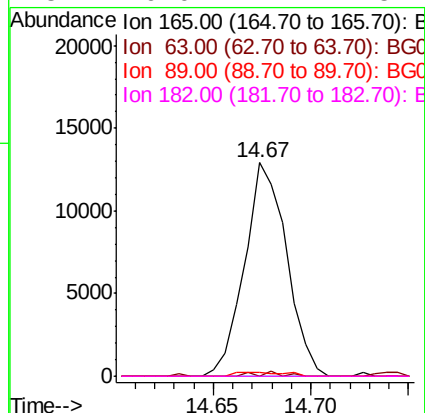
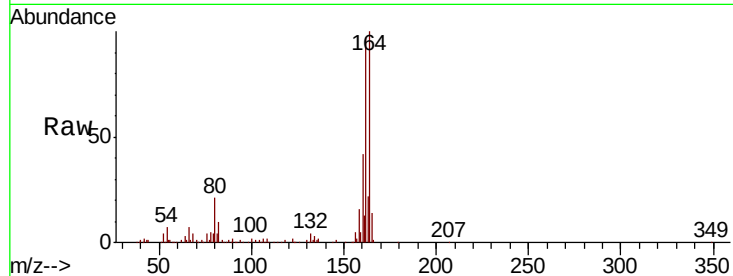




#57
 2,4-Dinitrotoluene
 Concen: 5.131 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.39 min
 Lab File: BG040353.D
 Acq: 4 Apr 2019 9:55

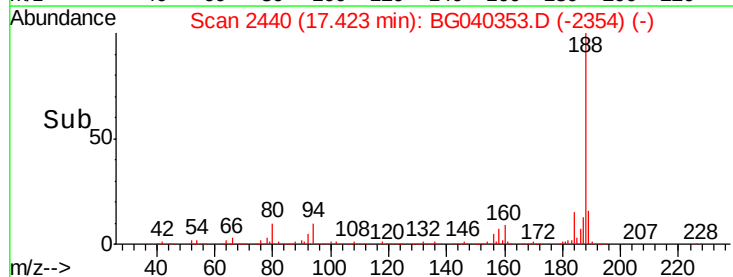
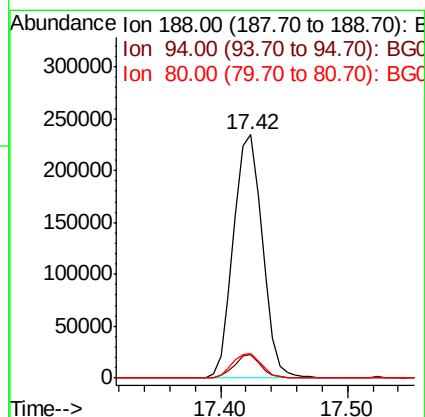
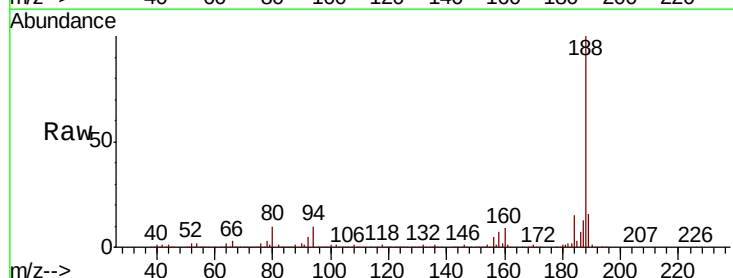
Instrument :
 BNA_G
 ClientSampleId :

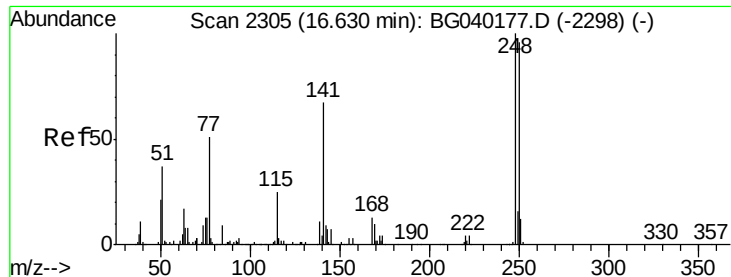
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.6#
89	2.0	55.4	83.2#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG040353.D
 Acq: 4 Apr 2019 9:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.0	10.4
80	10.2	8.6	13.0

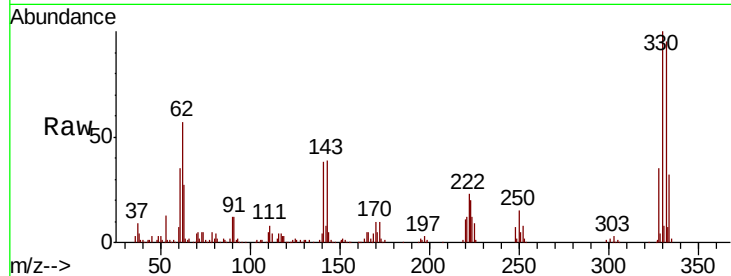




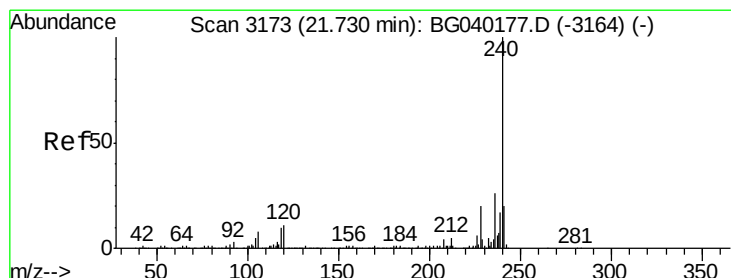
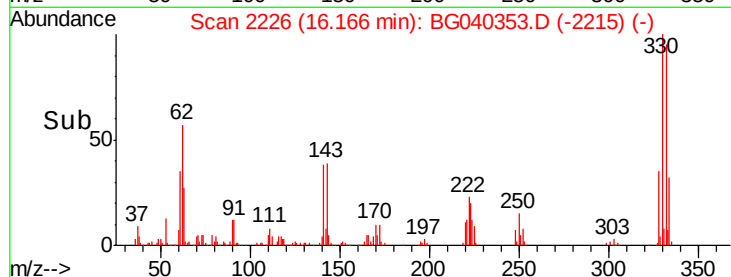
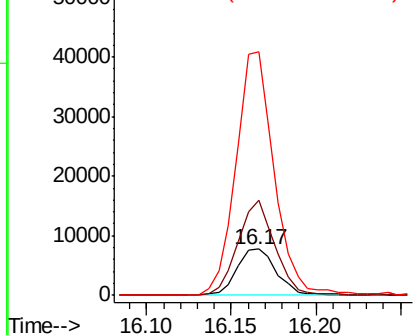
#67
 4-Bromophenyl-phenylether
 Concen: 3.037 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.46 min
 Lab File: BG040353.D
 Acq: 4 Apr 2019 9:55

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 12690
 Ion Ratio Lower Upper
 248 100
 250 207.6 76.4 114.6#
 141 528.4 53.8 80.8#

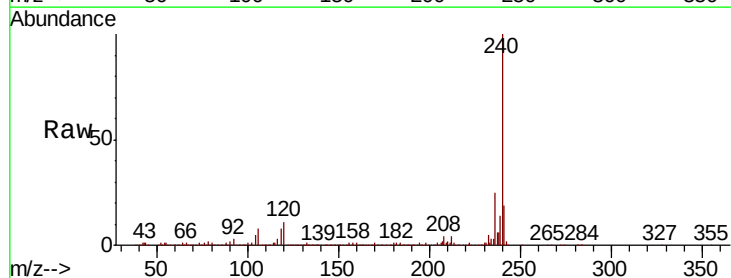


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

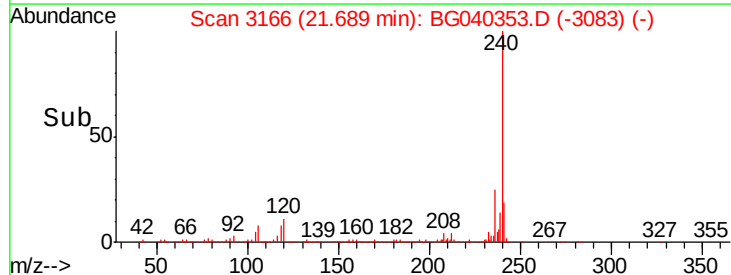
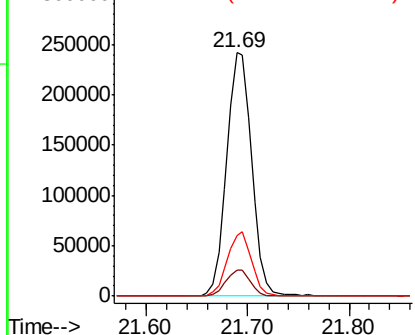


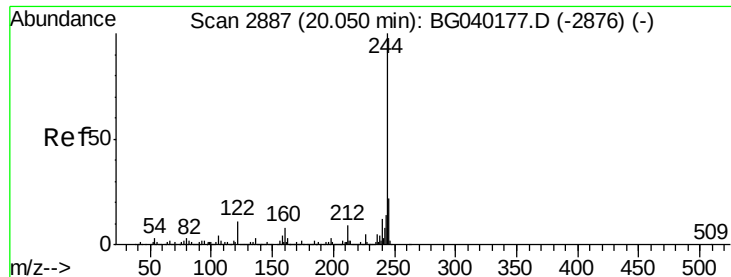
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.04 min
 Lab File: BG040353.D
 Acq: 4 Apr 2019 9:55

Tgt Ion:240 Resp: 414393
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.4 12.6
 236 24.9 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: 71.389 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040353.D

Acq: 4 Apr 2019 9:55

Instrument :

BNA_G

ClientSampleId :

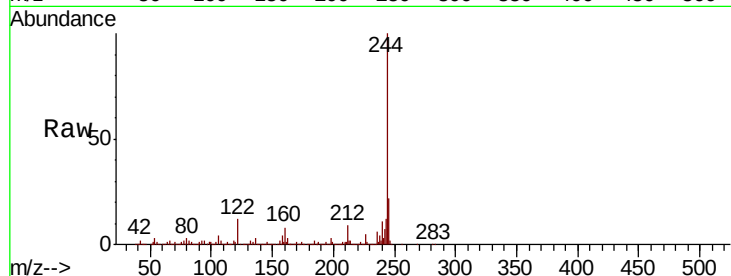
Tot Ion:244 Resp: 1315015

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

122 12.4 8.5 12.7

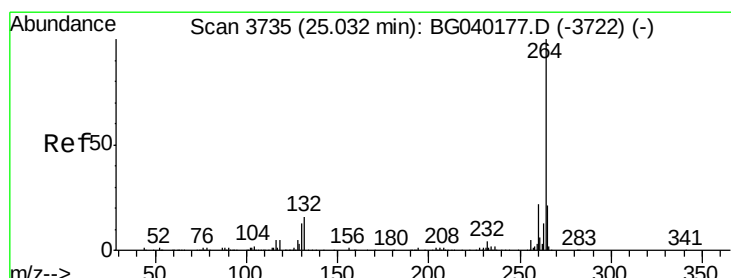
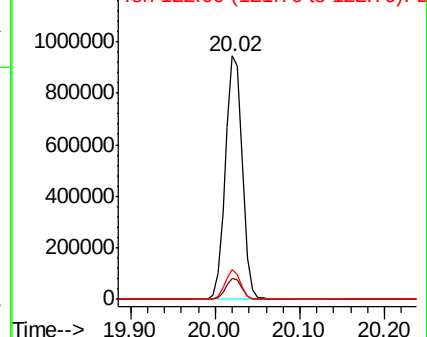
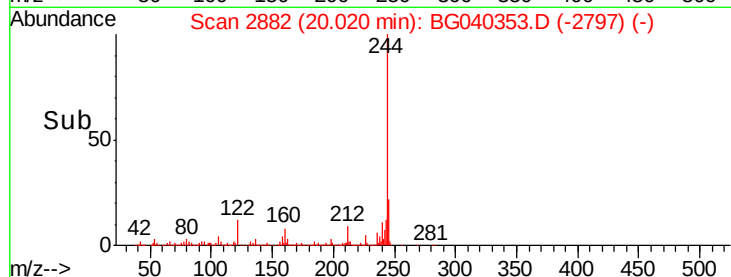


Abundance

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: BG040353.D

Acq: 4 Apr 2019 9:55

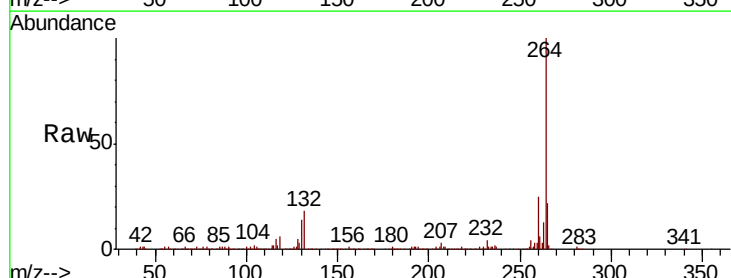
Tgt Ion:264 Resp: 426745

Ion Ratio Lower Upper

264 100

260 24.8 17.9 26.9

265 21.8 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

