

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040919\
 Data File : BG040398.D
 Acq On : 9 Apr 2019 14:23
 Operator : JU/SJ
 Sample : K2317-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 10 00:51:02 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

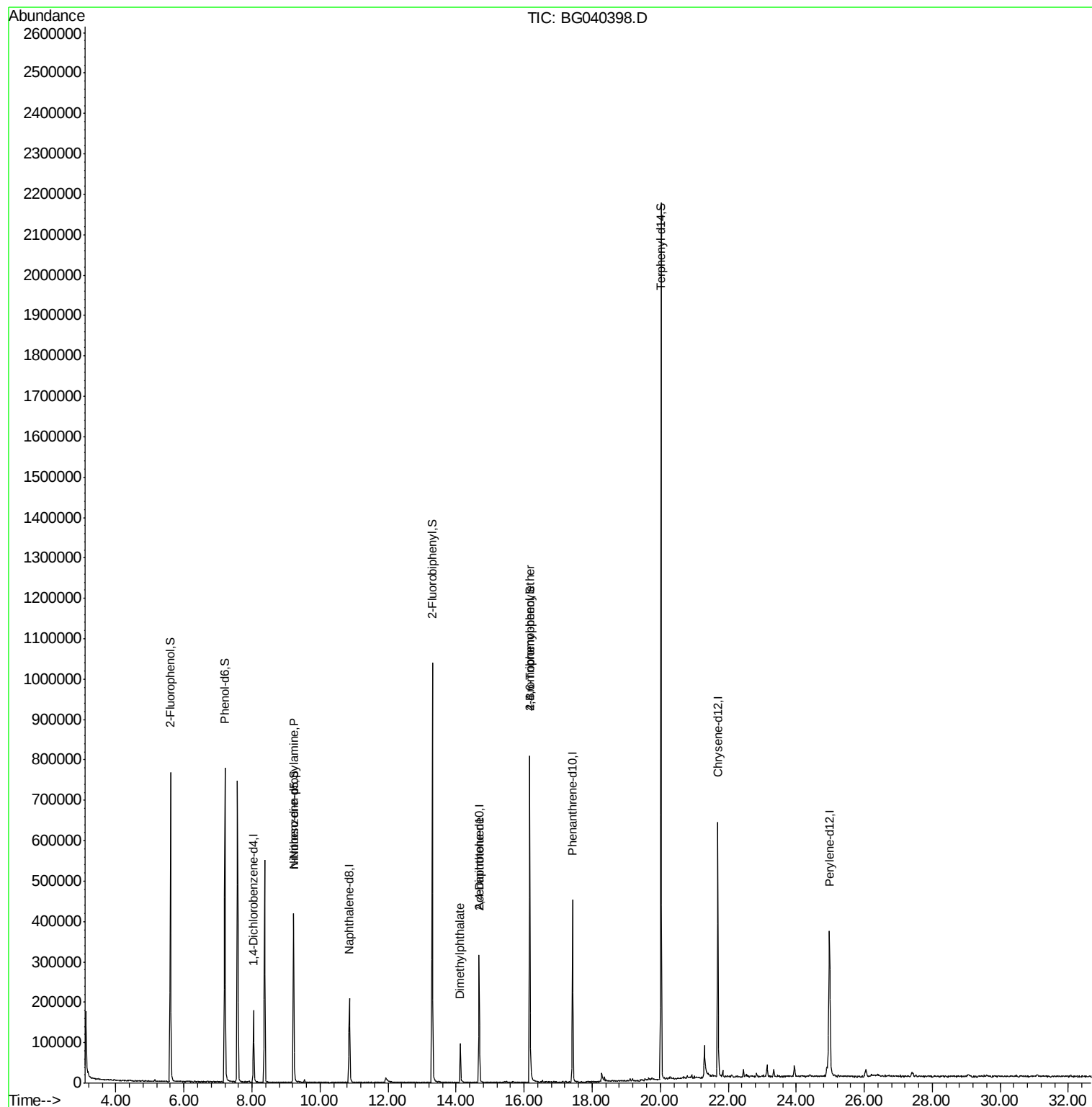
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49336	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	194015	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	116382	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	297511	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	380158	20.00	ng	-0.03
87) Perylene-d12	24.98	264	410188	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	347595	117.12	ng	-0.02
7) Phenol-d6	7.20	99	478304	116.62	ng	-0.02
23) Nitrobenzene-d5	9.22	82	272464	74.65	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	151835	120.72	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	581711	74.06	ng	-0.02
79) Terphenyl-d14	20.02	244	1056549	62.52	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	33929	11.538	ng	# 70
50) Dimethylphthalate	14.12	163	71672	7.869	ng	# 99
57) 2,4-Dinitrotoluene	14.67	165	14260	5.018	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	11256	3.362	ng	# 1

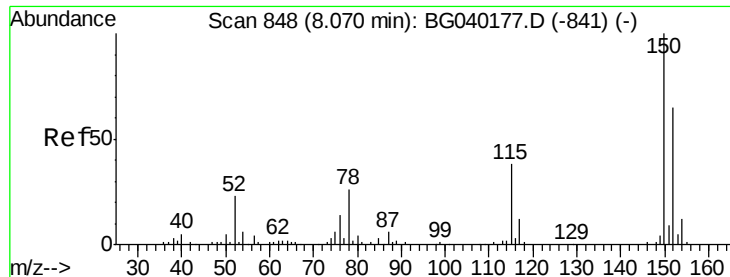
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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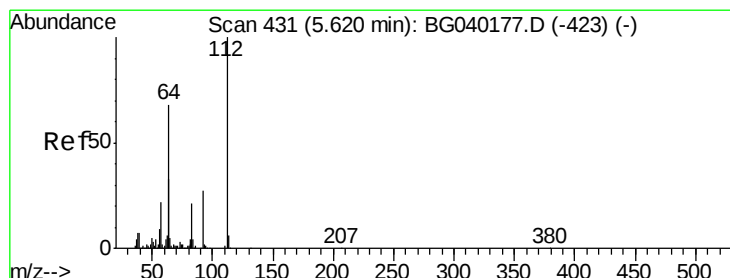
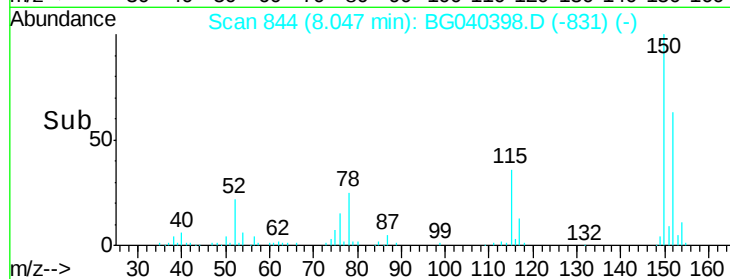
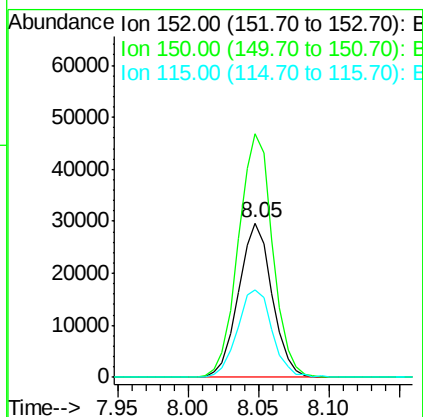
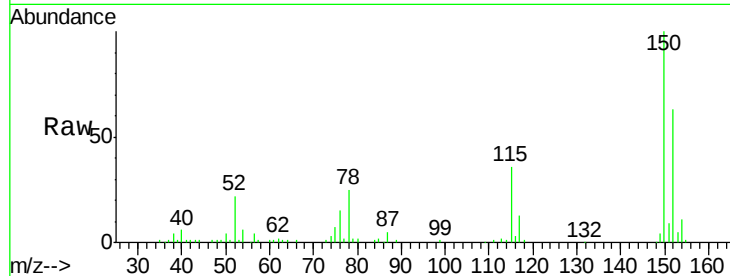


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040398.D
Acq: 9 Apr 2019 14:23

Instrument :
BNA_G
ClientSampleId :

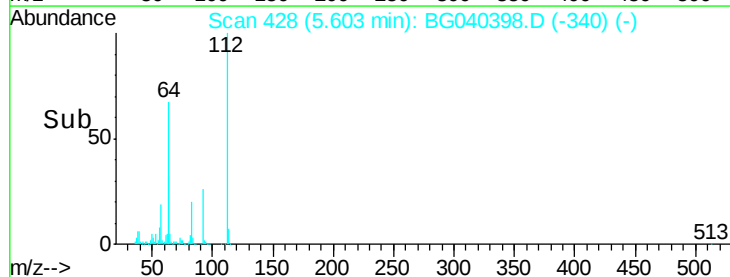
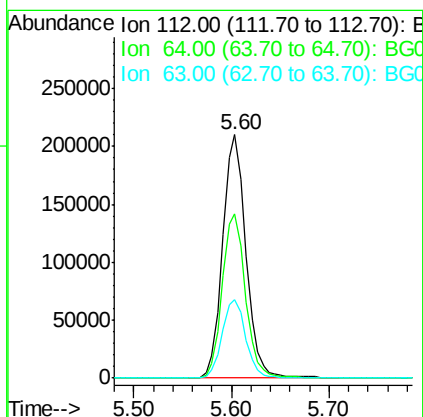
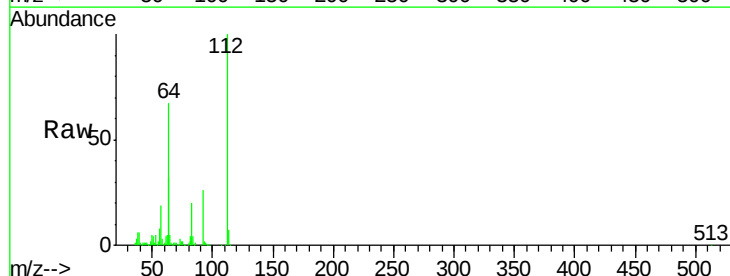
Tot Ion:152 Resp: 49336
Ion Ratio Lower Upper
152 100
150 157.9 123.7 185.5
115 56.7 46.9 70.3

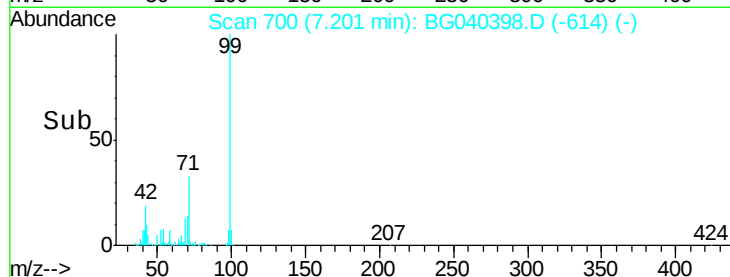
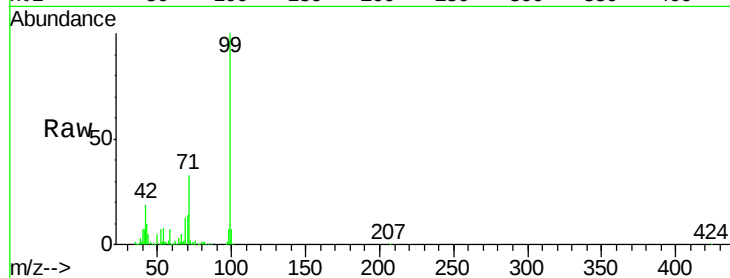
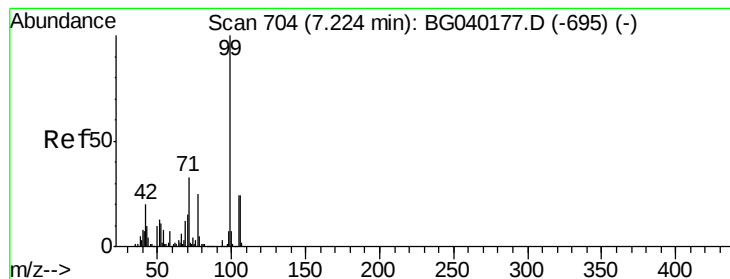


#5

2-Fluorophenol
Concen: 117.125 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040398.D
Acq: 9 Apr 2019 14:23

Tgt Ion:112 Resp: 347595
Ion Ratio Lower Upper
112 100
64 67.4 54.2 81.2
63 32.2 26.4 39.6





#7

Phenol-d6

Concen: 116.618 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040398.D

Acq: 9 Apr 2019 14:23

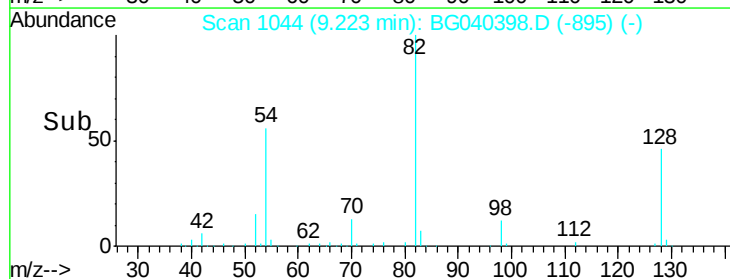
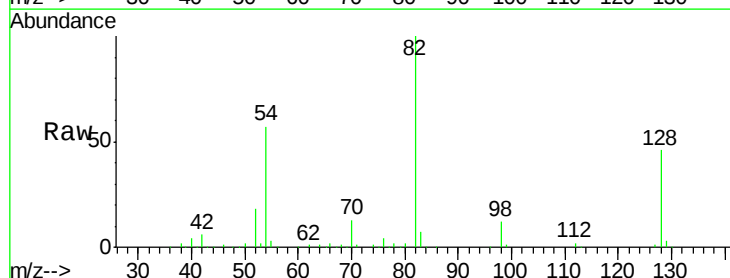
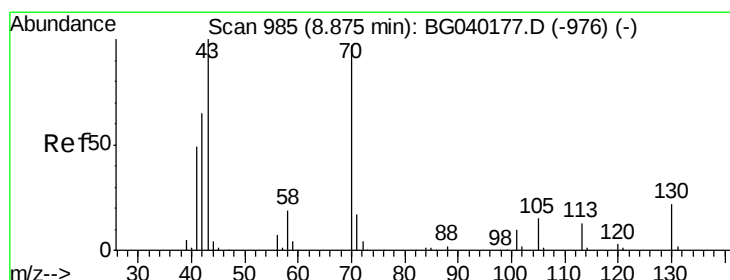
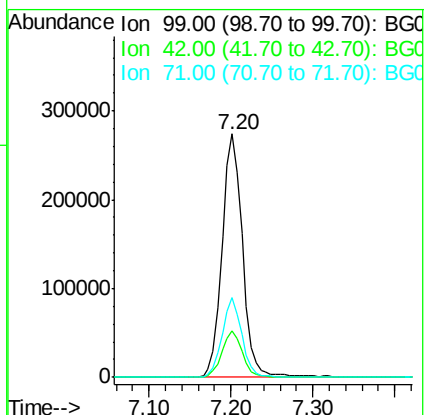
Tot Ion: 99 Resp: 478304

Ion Ratio Lower Upper

99 100

42 18.9 16.2 24.2

71 32.5 26.8 40.2



#19

n-Nitroso-di-n-propylamine

Concen: 11.538 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040398.D

Acq: 9 Apr 2019 14:23

Tgt Ion: 70 Resp: 33929

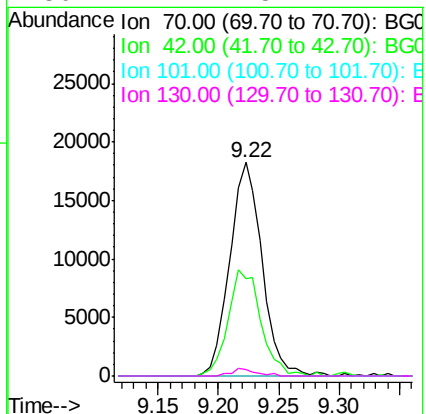
Ion Ratio Lower Upper

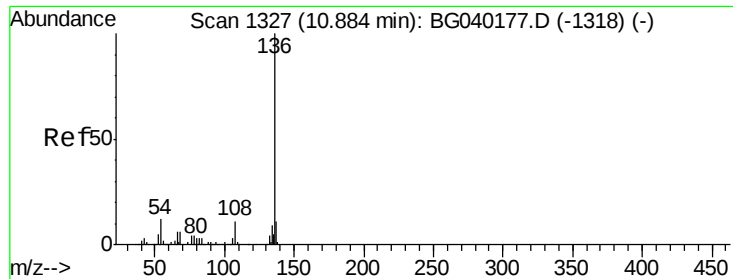
70 100

42 45.7 54.0 81.0#

101 0.0 8.6 13.0#

130 2.7 18.2 27.2#

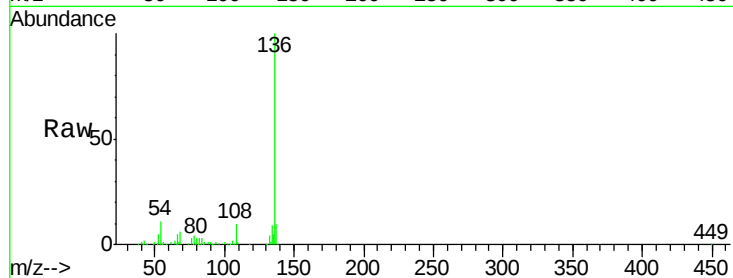




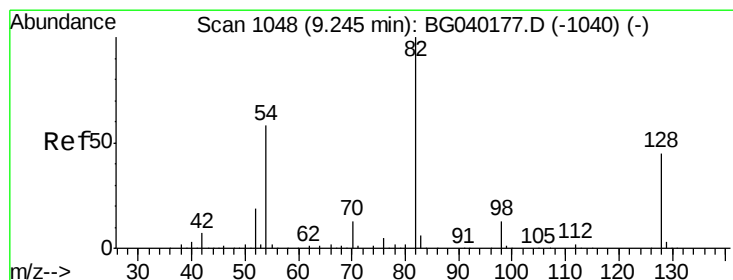
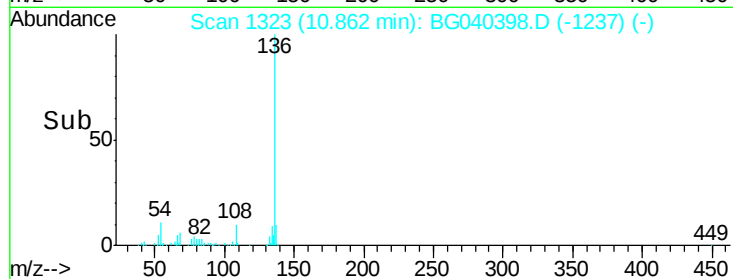
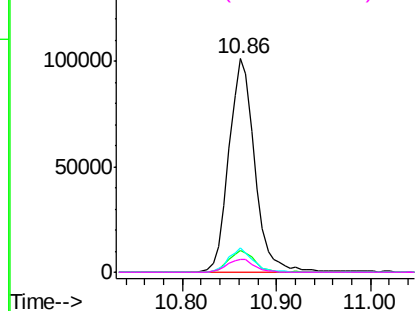
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040398.D
Acq: 9 Apr 2019 14:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	194015
Ion	Ratio	Lower Upper
136	100	
137	10.2	8.9 13.3
54	11.2	9.6 14.4
68	5.9	5.1 7.7

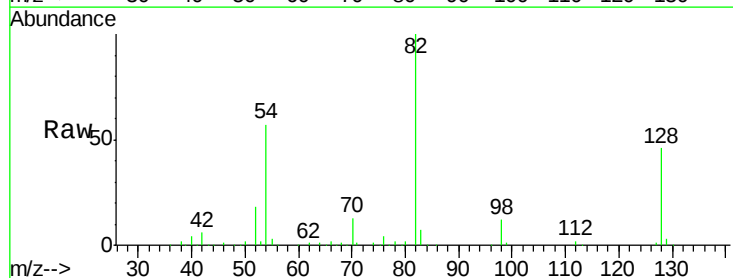


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

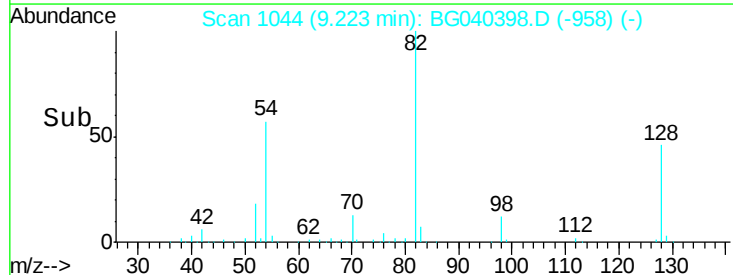
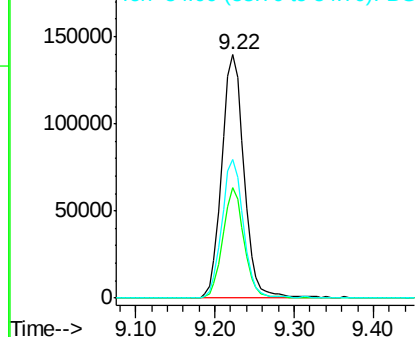


#23
Nitrobenzene-d5
Concen: 74.646 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040398.D
Acq: 9 Apr 2019 14:23

Tgt Ion: 82	Resp:	272464
Ion	Ratio	Lower Upper
82	100	
128	45.6	35.8 53.8
54	57.1	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

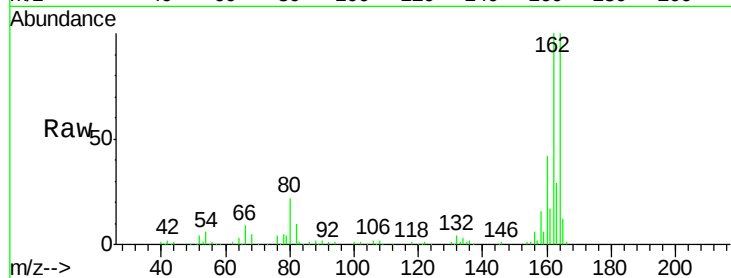




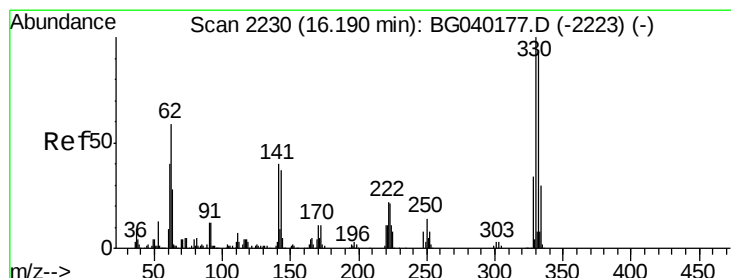
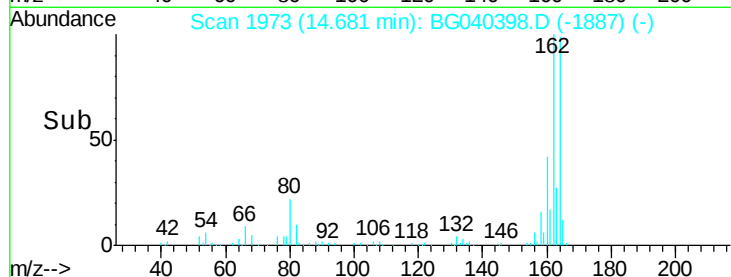
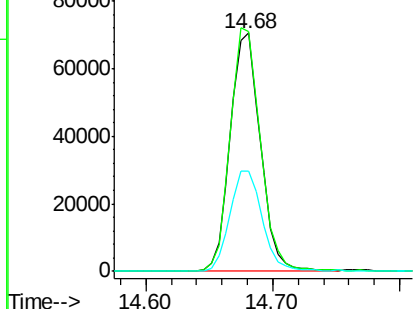
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040398.D
Acq: 9 Apr 2019 14:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 116382
Ion Ratio Lower Upper
164 100
162 100.4 77.4 116.2
160 42.2 35.3 52.9

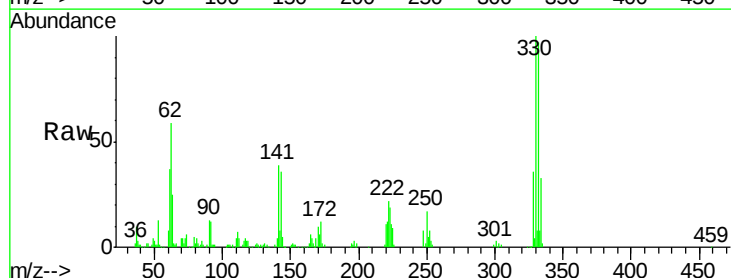


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

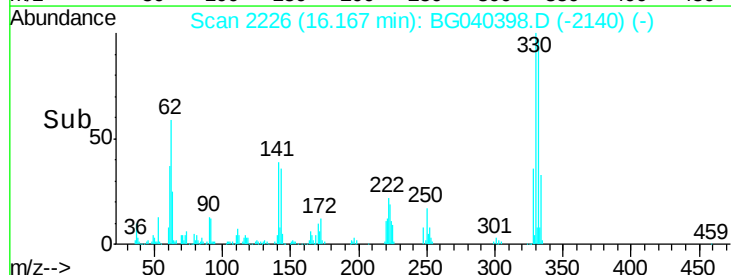
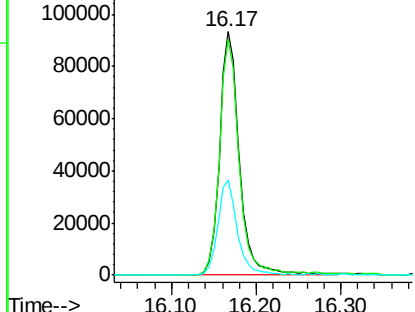


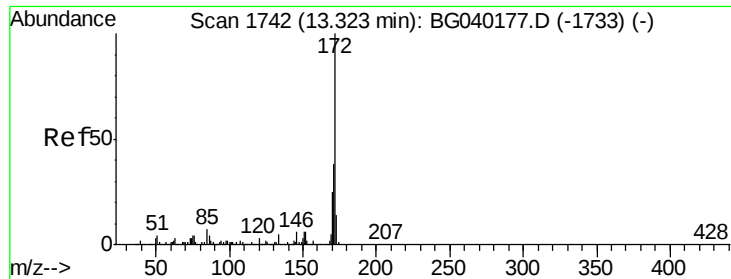
#42
2,4,6-Tribromophenol
Concen: 120.716 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040398.D
Acq: 9 Apr 2019 14:23

Tgt Ion:330 Resp: 151835
Ion Ratio Lower Upper
330 100
332 97.9 76.6 115.0
141 38.9 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

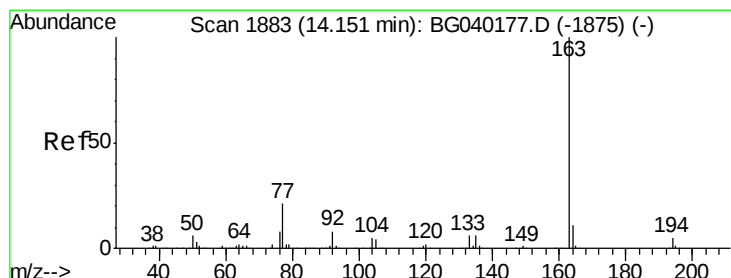
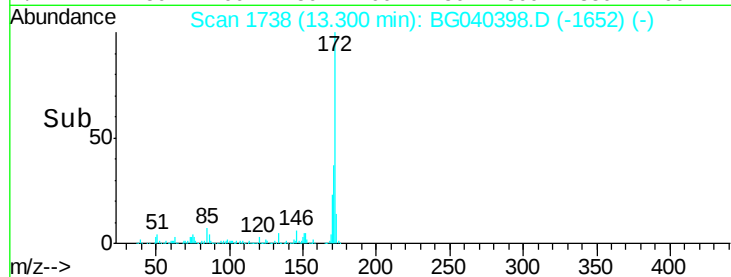
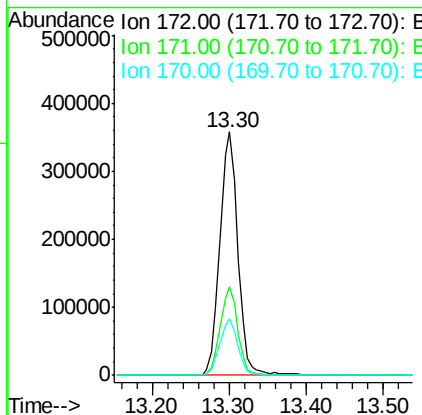
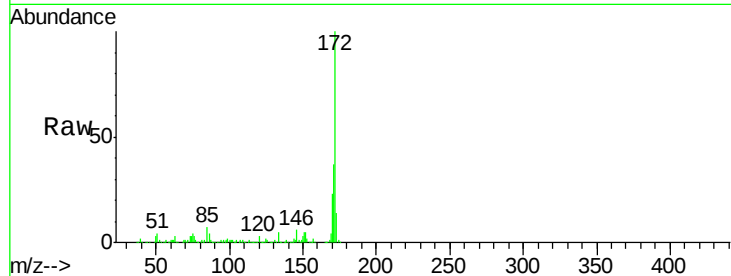




#45
2-Fluorobiphenyl
Concen: 74.063 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040398.D
Acq: 9 Apr 2019 14:23

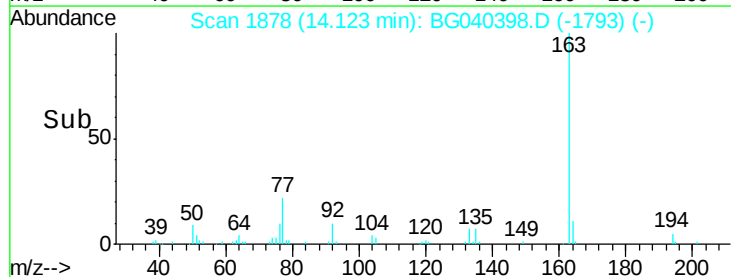
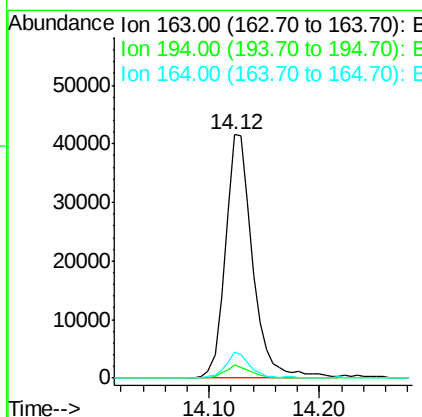
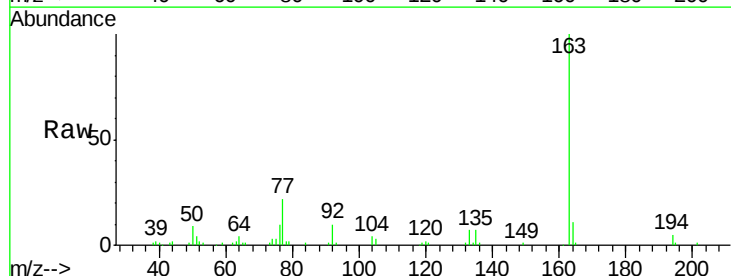
Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 581711
Ion Ratio Lower Upper
172 100
171 36.5 30.5 45.7
170 23.3 20.1 30.1



#50
Dimethylphthalate
Concen: 7.869 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BG040398.D
Acq: 9 Apr 2019 14:23

Tgt Ion:163 Resp: 71672
Ion Ratio Lower Upper
163 100
194 5.3 4.1 6.1
164 10.5 8.6 13.0

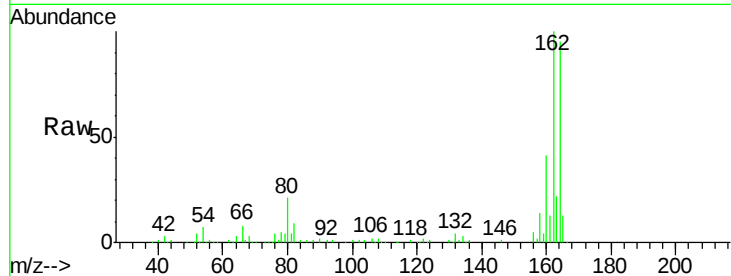




#57
 2,4-Dinitrotoluene
 Concen: 5.018 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.39 min
 Lab File: BG040398.D
 Acq: 9 Apr 2019 14:23

Instrument :
 BNA_G
 ClientSampled :

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

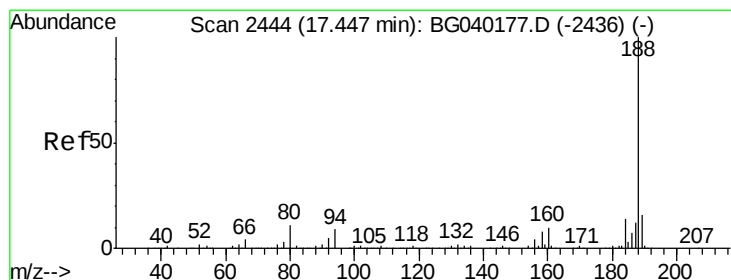
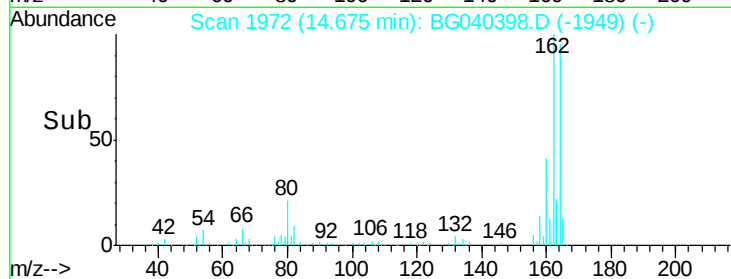
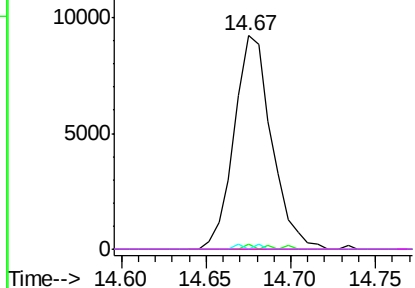


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

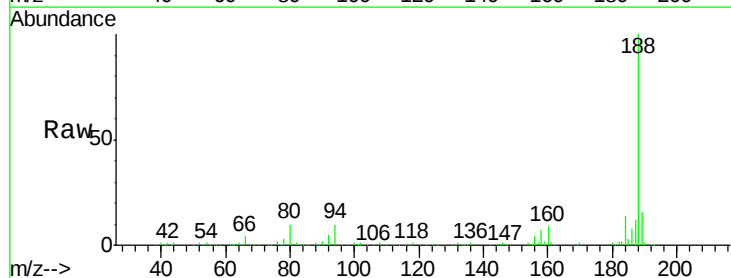
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG040398.D
 Acq: 9 Apr 2019 14:23

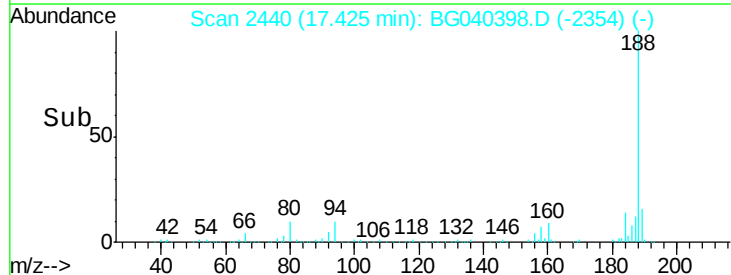
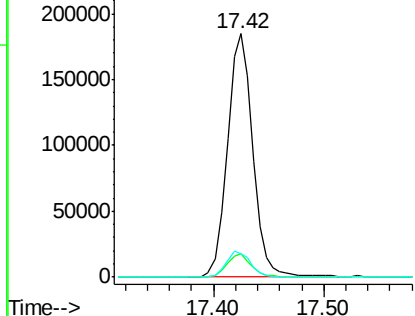
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.0	10.4
80	9.6	8.6	13.0

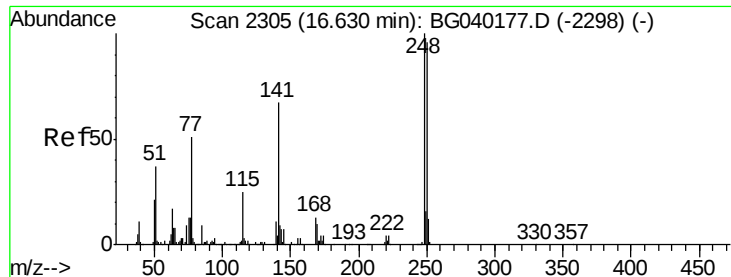


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

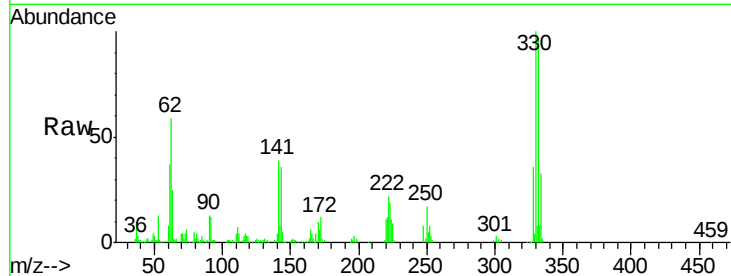




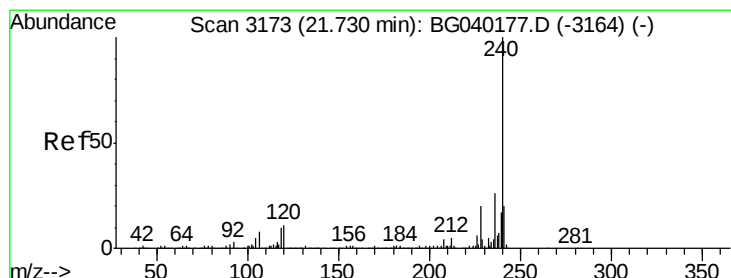
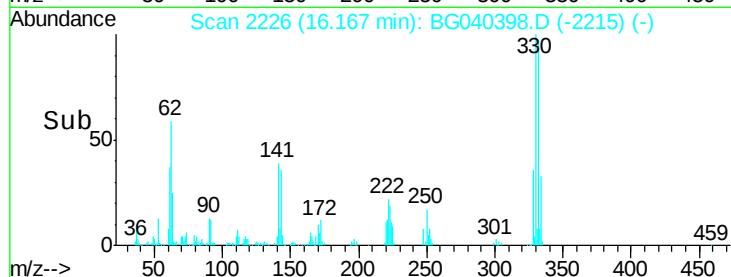
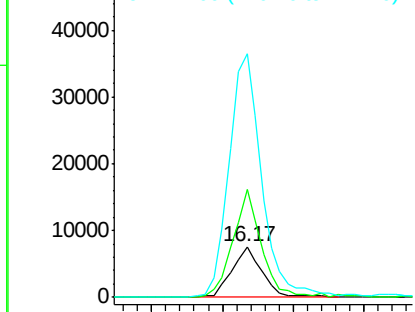
#67
4-Bromophenyl-phenylether
Concen: 3.362 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.46 min
Lab File: BG040398.D
Acq: 9 Apr 2019 14:23

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 11256
Ion Ratio Lower Upper
248 100
250 213.2 76.4 114.6#
141 482.0 53.8 80.8#

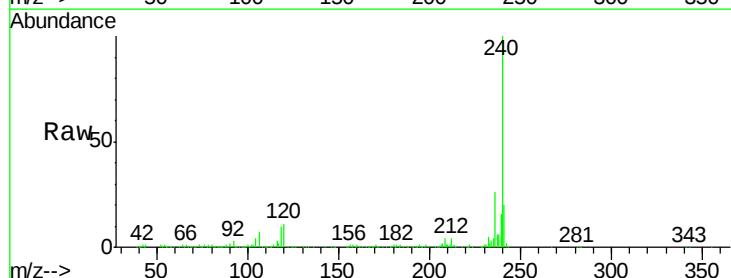


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

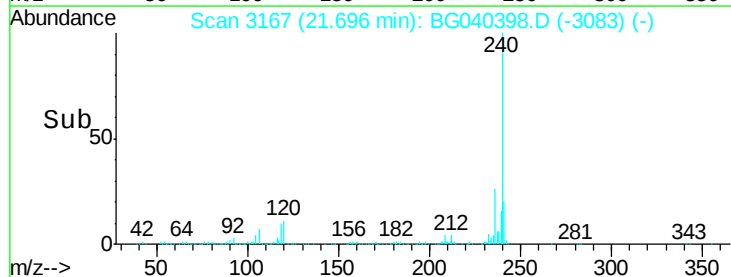
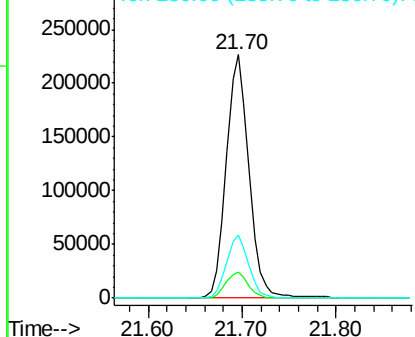


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.03 min
Lab File: BG040398.D
Acq: 9 Apr 2019 14:23

Tgt Ion:240 Resp: 380158
Ion Ratio Lower Upper
240 100
120 10.6 8.4 12.6
236 26.1 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: 62.523 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040398.D

Acq: 9 Apr 2019 14:23

Instrument :

BNA_G

ClientSampled :

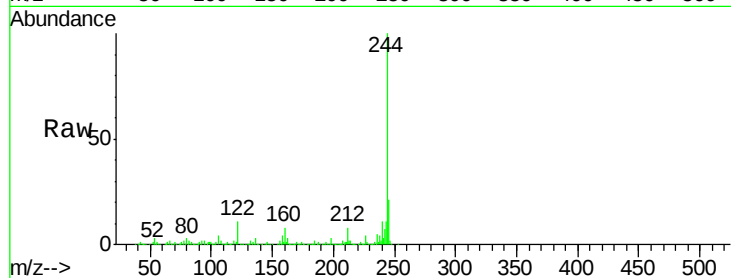
Tot Ion:244 Resp: 1056549

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

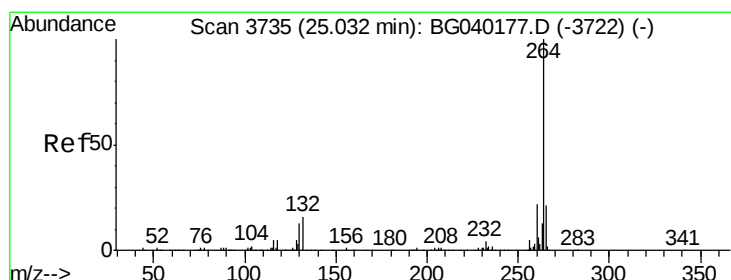
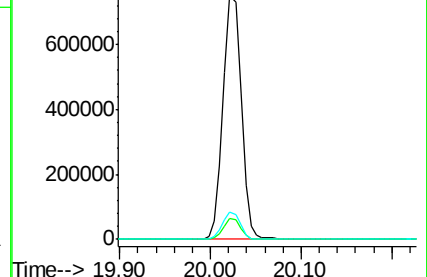
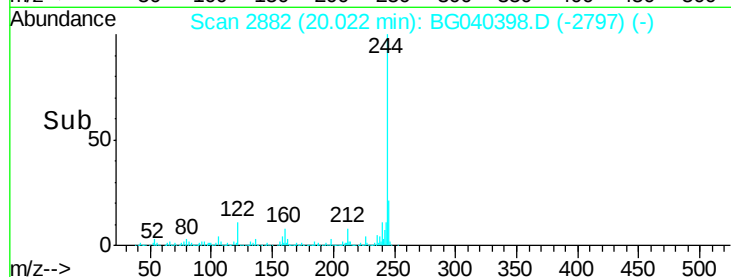
122 11.1 8.5 12.7



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: 24.98 min Scan# 3726

Delta R.T. -0.05 min

Lab File: BG040398.D

Acq: 9 Apr 2019 14:23

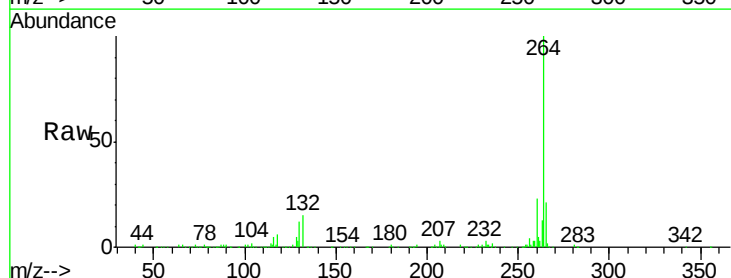
Tgt Ion:264 Resp: 410188

Ion Ratio Lower Upper

264 100

260 23.2 17.9 26.9

265 20.9 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

