

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041619\
 Data File : BG040508.D
 Acq On : 16 Apr 2019 18:09
 Operator : JU/SJ
 Sample : K2423-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 17 00:51:25 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

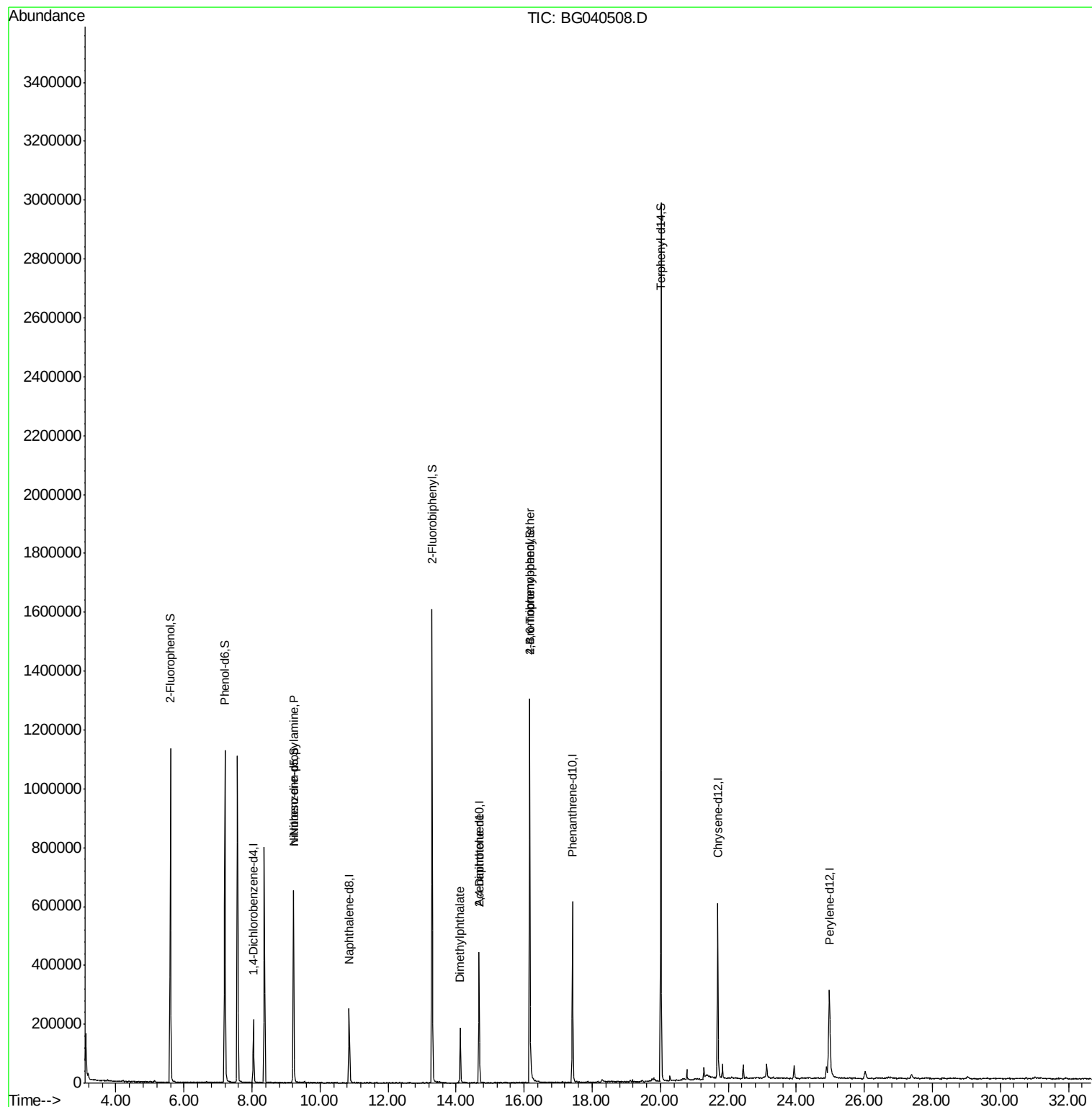
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	59579	20.00	ng	-0.03
21) Naphthalene-d8	10.85	136	237954	20.00	ng	-0.03
39) Acenaphthene-d10	14.67	164	151920	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	402956	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	358628	20.00	ng	-0.04
87) Perylene-d12	24.97	264	383550	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	495498	138.26	ng	-0.02
7) Phenol-d6	7.20	99	689859	139.28	ng	-0.02
23) Nitrobenzene-d5	9.22	82	419281	93.66	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	251592	153.24	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	879204	85.75	ng	-0.03
79) Terphenyl-d14	20.02	244	1333960	83.68	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	52549	14.798	ng	# 75
50) Dimethylphthalate	14.12	163	137061	11.528	ng	# 98
57) 2,4-Dinitrotoluene	14.67	165	20588	5.550	ng	# 26
67) 4-Bromophenyl-phenylether	16.17	248	19295	4.255	ng	# 1

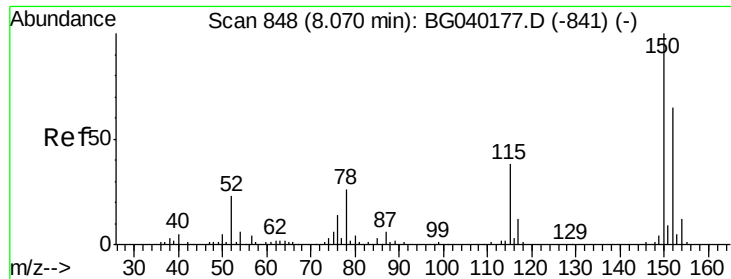
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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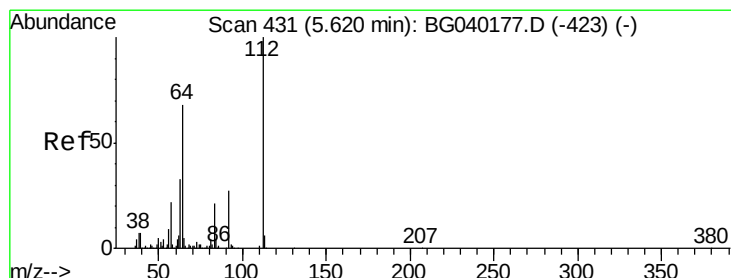
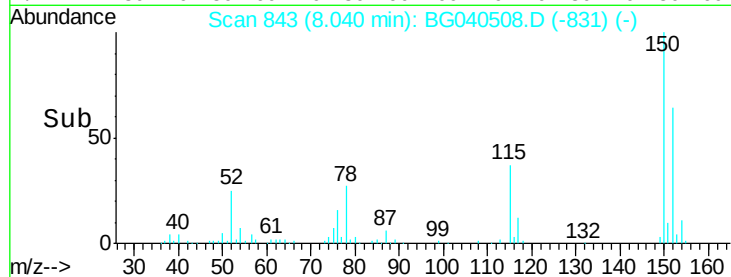
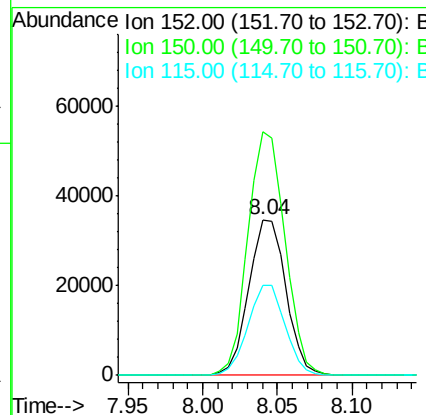
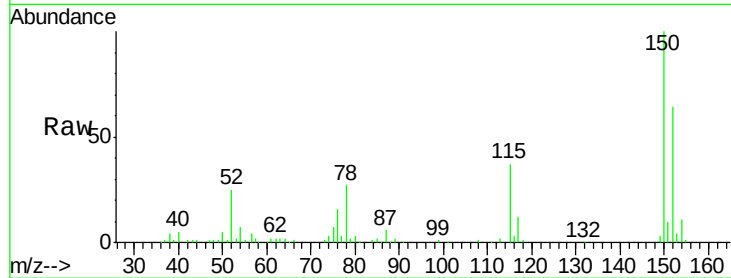


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040508.D
Acq: 16 Apr 2019 18:09

Instrument :
BNA_G
ClientSampleId :

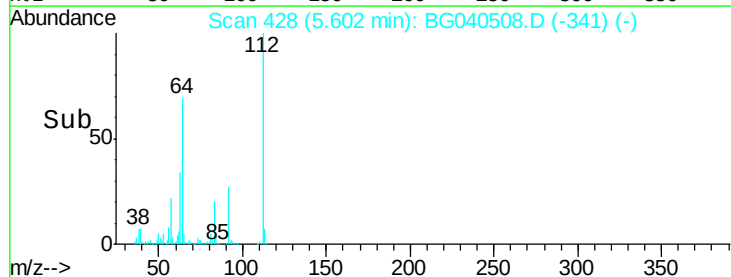
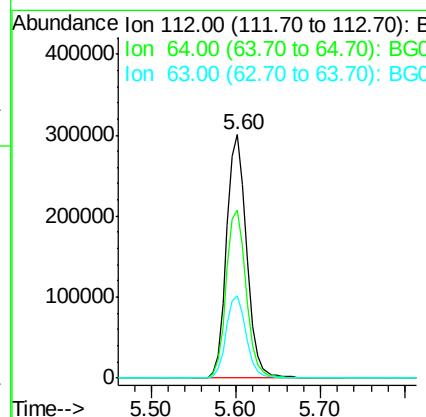
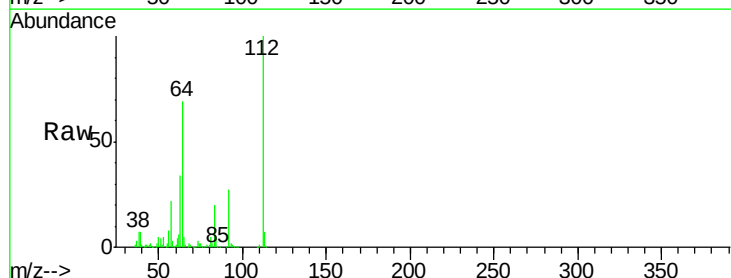
Tot Ion:152 Resp: 59579
Ion Ratio Lower Upper
152 100
150 156.1 123.7 185.5
115 58.1 46.9 70.3

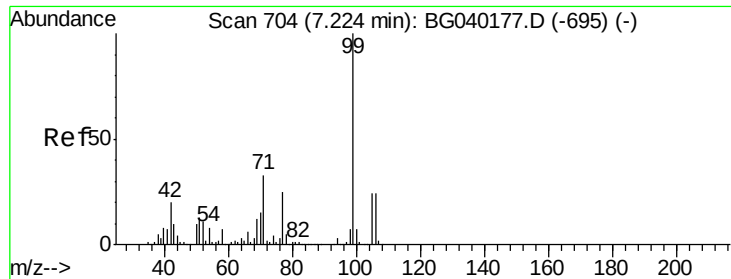


#5

2-Fluorophenol
Concen: 138.257 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040508.D
Acq: 16 Apr 2019 18:09

Tgt Ion:112 Resp: 495498
Ion Ratio Lower Upper
112 100
64 69.0 54.2 81.2
63 33.8 26.4 39.6





#7

Phenol-d6

Concen: 139.281 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040508.D

Acq: 16 Apr 2019 18:09

Instrument :

BNA_G

ClientSampled :

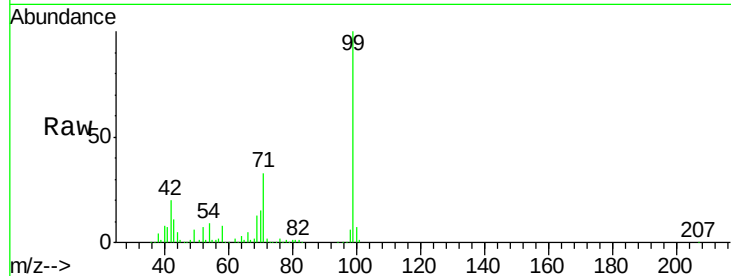
Tot Ion: 99 Resp: 689859

Ion Ratio Lower Upper

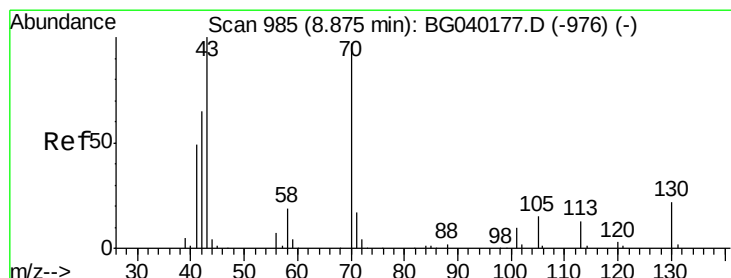
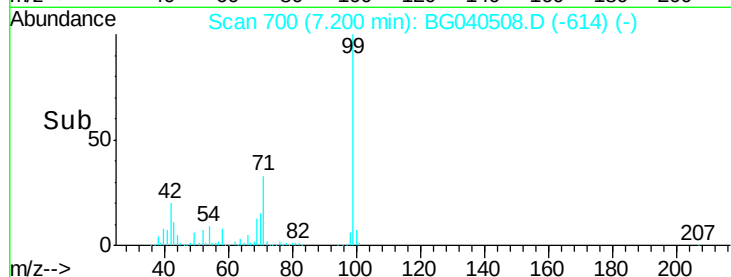
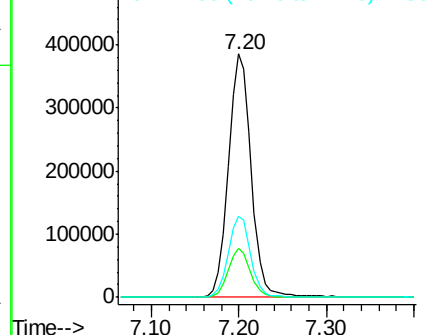
99 100

42 20.3 16.2 24.2

71 33.1 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: 14.798 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040508.D

Acq: 16 Apr 2019 18:09

Tgt Ion: 70 Resp: 52549

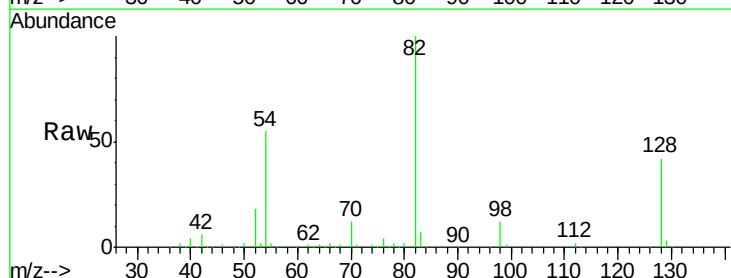
Ion Ratio Lower Upper

70 100

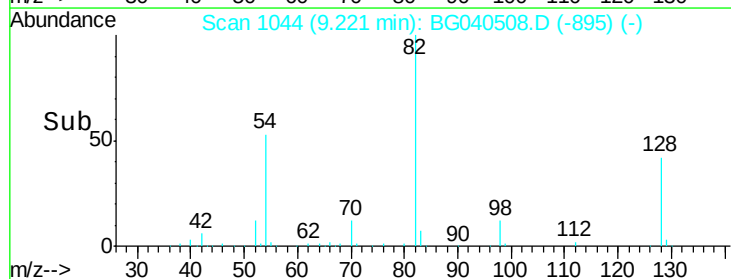
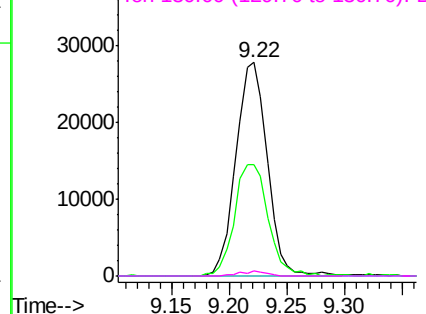
42 52.0 54.0 81.0#

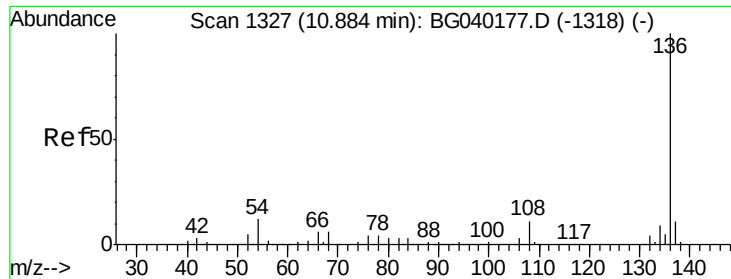
101 0.0 8.6 13.0#

130 2.3 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

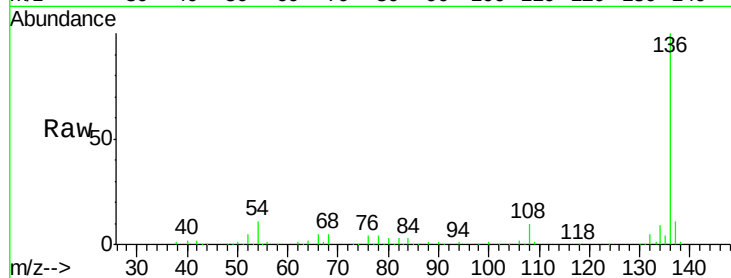




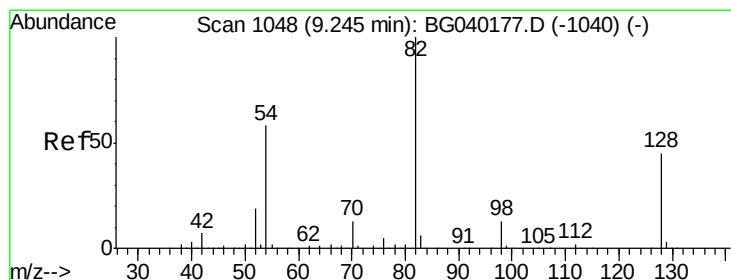
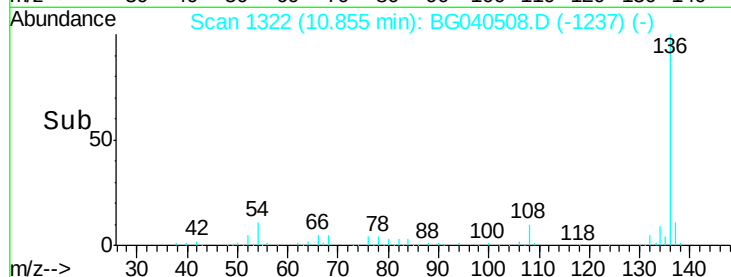
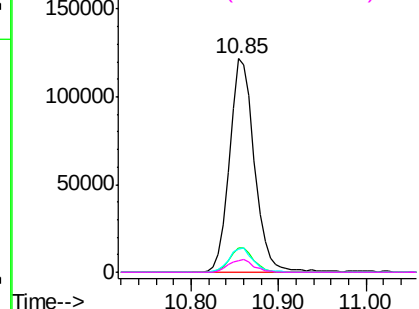
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040508.D
Acq: 16 Apr 2019 18:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	237954
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.9 13.3
54	11.1	9.6 14.4
68	5.4	5.1 7.7

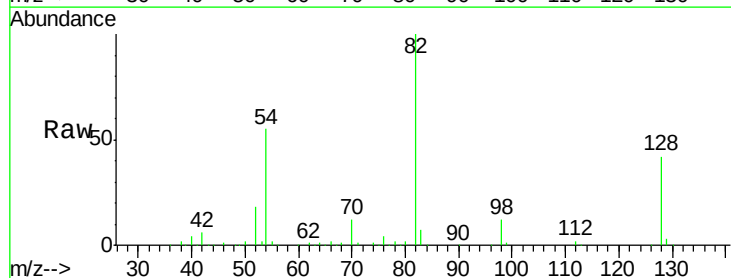


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

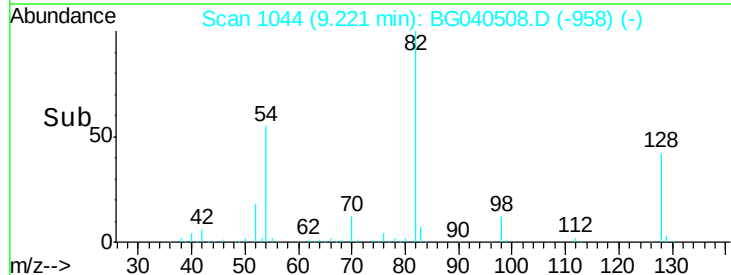
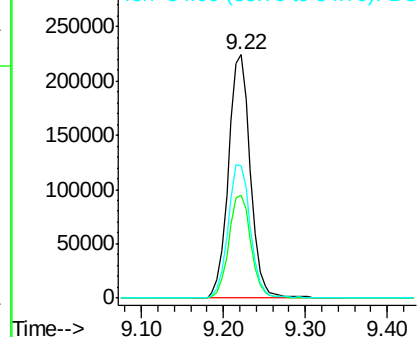


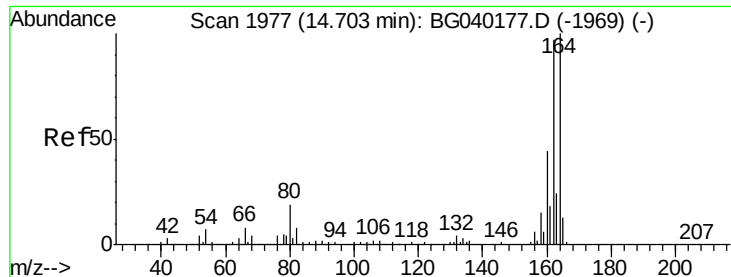
#23
Nitrobenzene-d5
Concen: 93.658 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040508.D
Acq: 16 Apr 2019 18:09

Tgt Ion: 82	Resp:	419281
Ion Ratio	Lower	Upper
82	100	
128	42.4	35.8 53.8
54	54.5	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

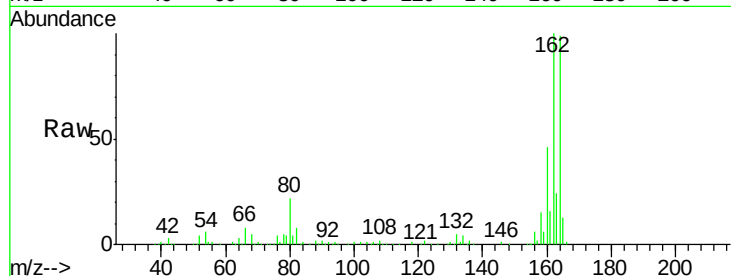




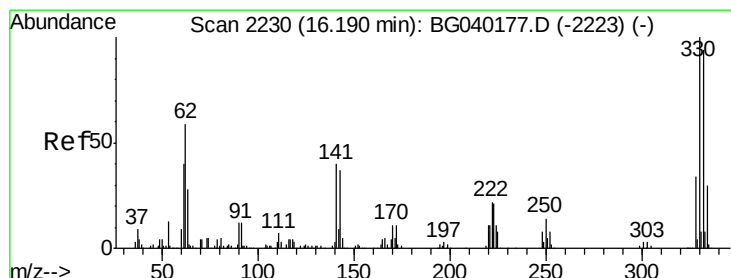
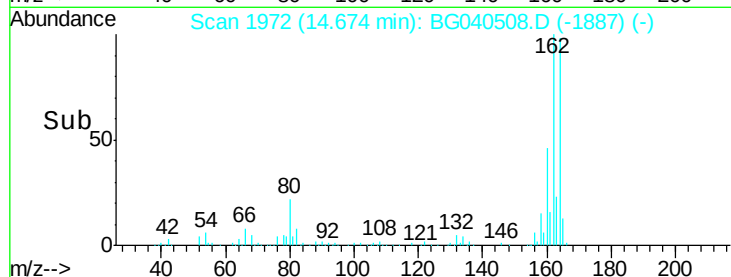
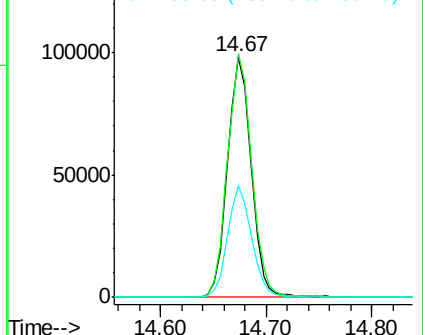
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040508.D
Acq: 16 Apr 2019 18:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 151920
Ion Ratio Lower Upper
164 100
162 101.4 77.4 116.2
160 46.3 35.3 52.9

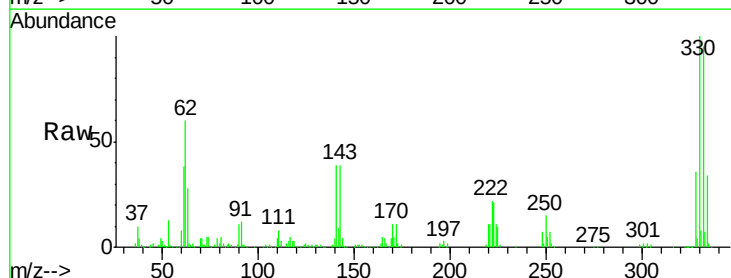


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

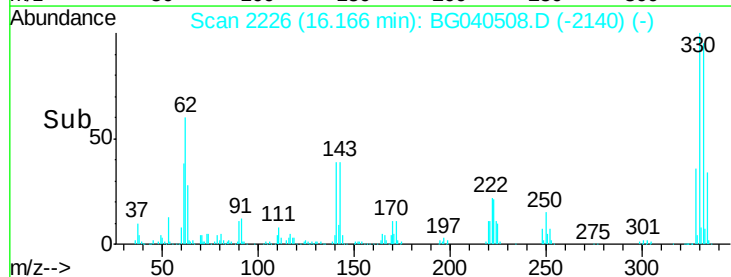
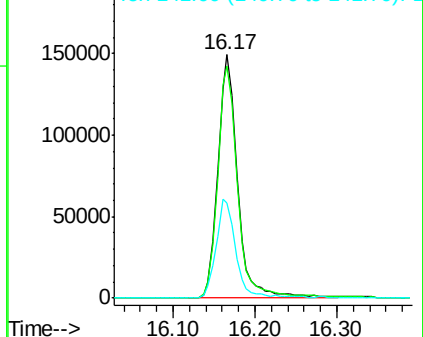


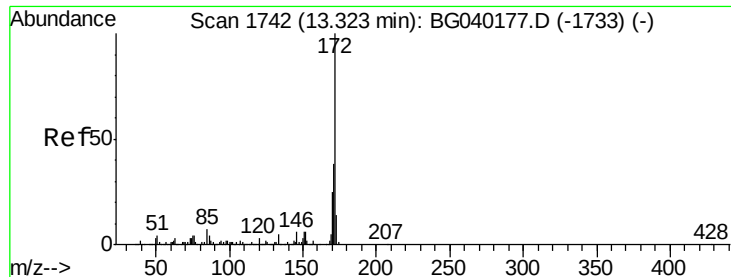
#42
2,4,6-Tribromophenol
Concen: 153.236 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040508.D
Acq: 16 Apr 2019 18:09

Tgt Ion:330 Resp: 251592
Ion Ratio Lower Upper
330 100
332 96.6 76.6 115.0
141 40.5 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

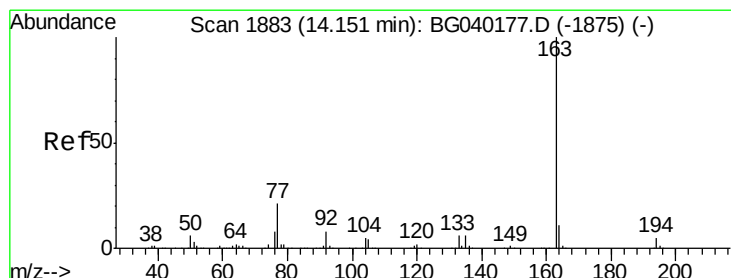
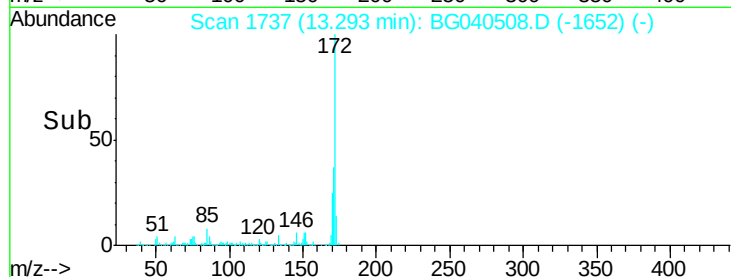
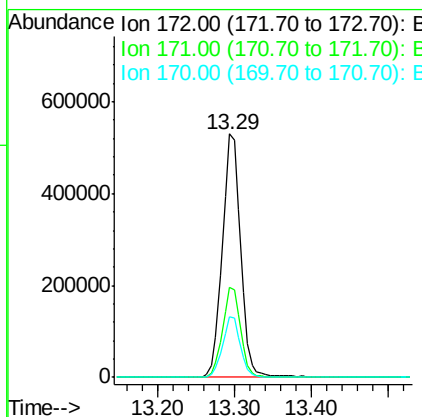
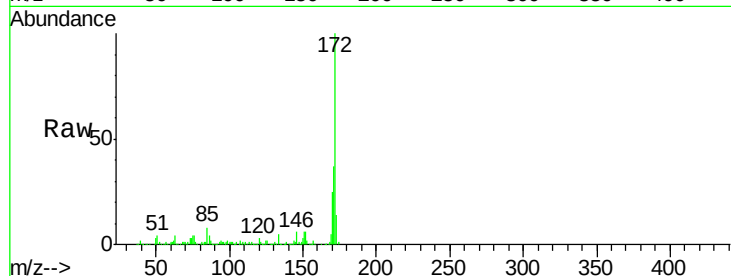




#45
2-Fluorobiphenyl
Concen: 85.754 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040508.D
Acq: 16 Apr 2019 18:09

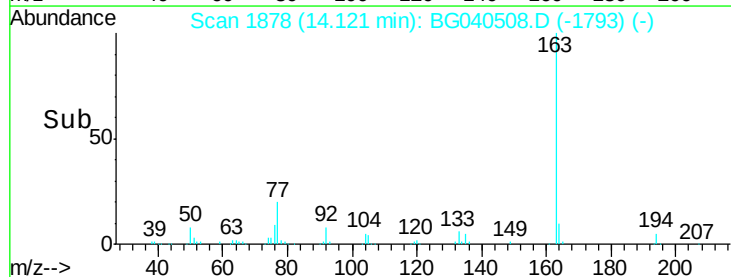
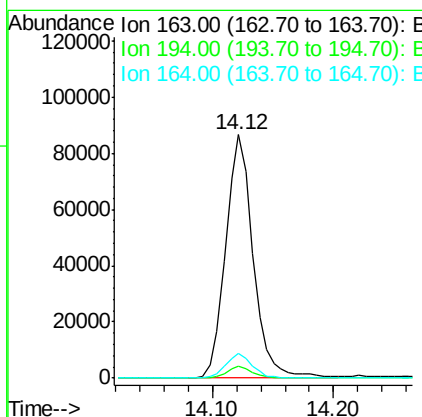
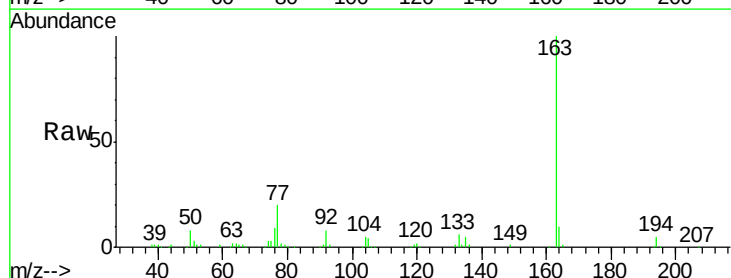
Instrument :
BNA_G
ClientSampleId :

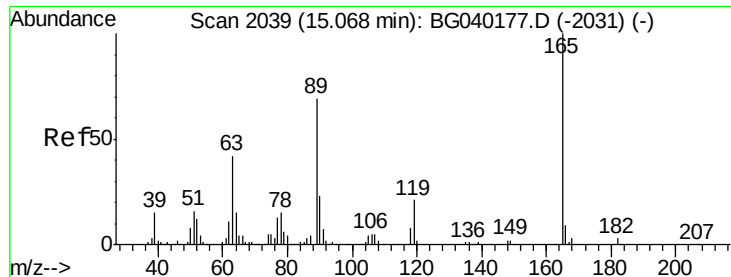
Tot Ion:172 Resp: 879204
Ion Ratio Lower Upper
172 100
171 37.2 30.5 45.7
170 24.7 20.1 30.1



#50
Dimethylphthalate
Concen: 11.528 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BG040508.D
Acq: 16 Apr 2019 18:09

Tgt Ion:163 Resp: 137061
Ion Ratio Lower Upper
163 100
194 4.7 4.1 6.1
164 10.1 8.6 13.0

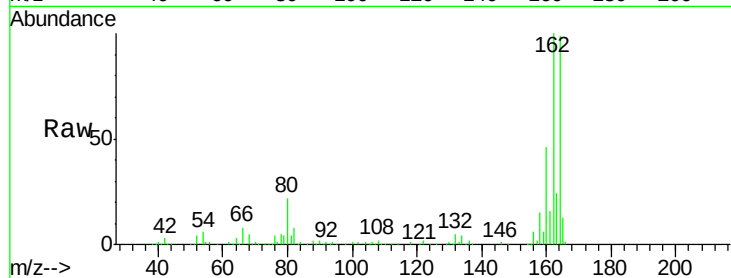




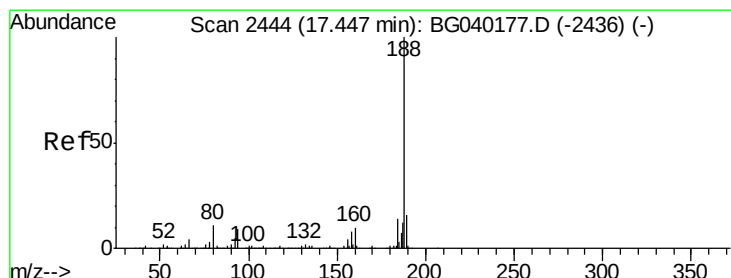
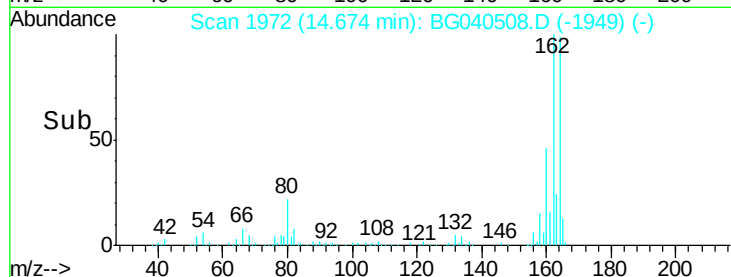
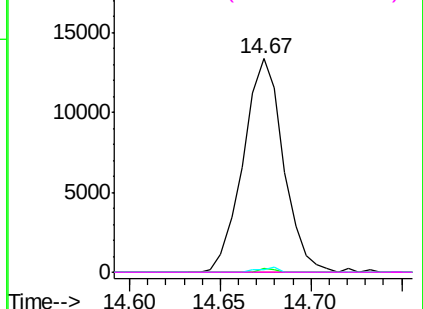
#57
 2,4-Dinitrotoluene
 Concen: 5.550 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.39 min
 Lab File: BG040508.D
 Acq: 16 Apr 2019 18:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	20588
Ion	Ratio	Lower	Upper
165	100		
63	1.8	33.8	50.6#
89	1.3	55.4	83.2#
182	0.0	2.2	3.4#

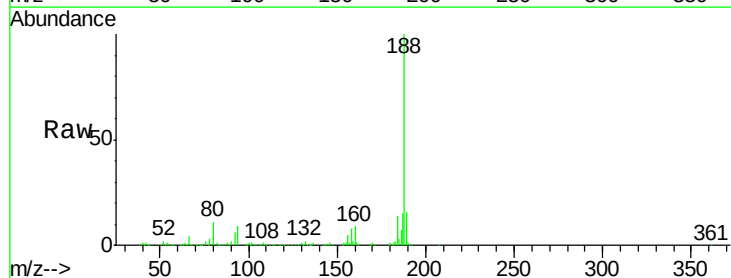


Abundance Ion 165.00 (164.70 to 165.70): E

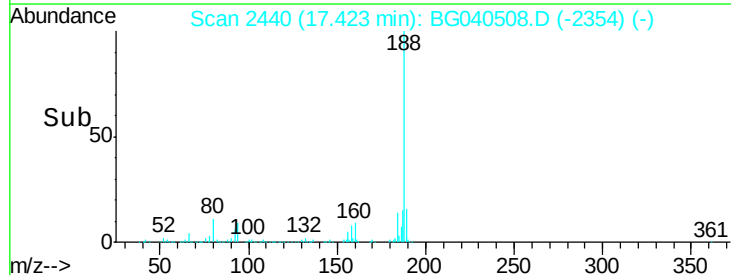
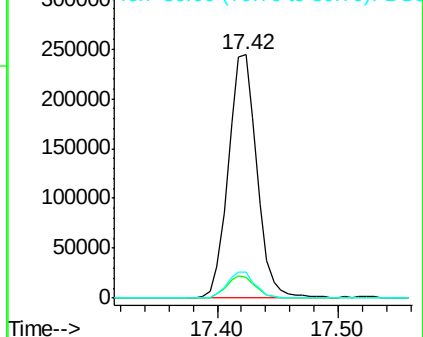


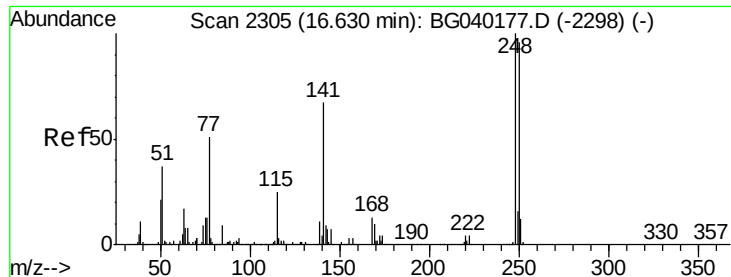
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG040508.D
 Acq: 16 Apr 2019 18:09

Tgt Ion:	188	Resp:	402956
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.4
80	10.9	8.6	13.0



Abundance Ion 188.00 (187.70 to 188.70): E

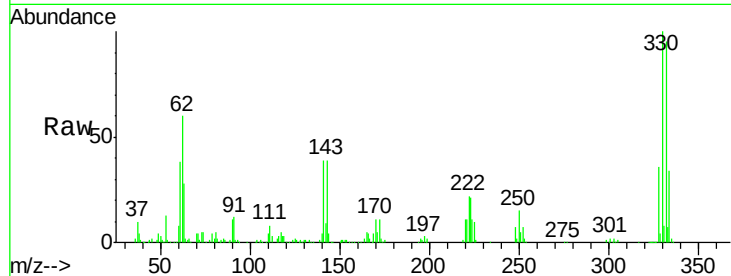




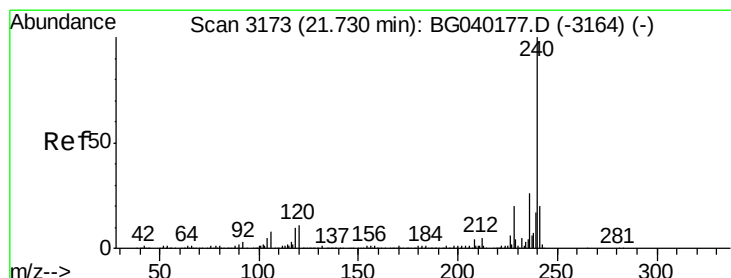
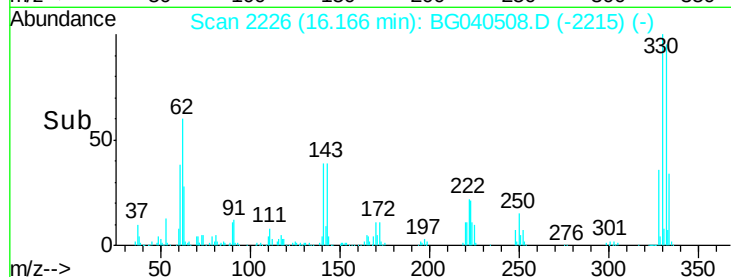
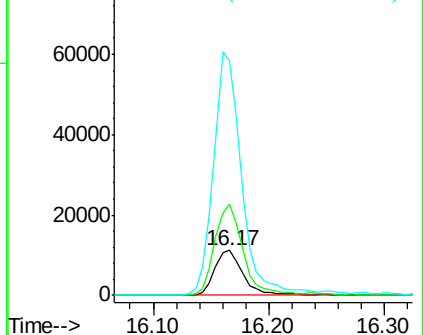
#67
4-Bromophenyl-phenylether
Concen: 4.255 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.46 min
Lab File: BG040508.D
Acq: 16 Apr 2019 18:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 19295
Ion Ratio Lower Upper
248 100
250 204.9 76.4 114.6#
141 526.1 53.8 80.8#

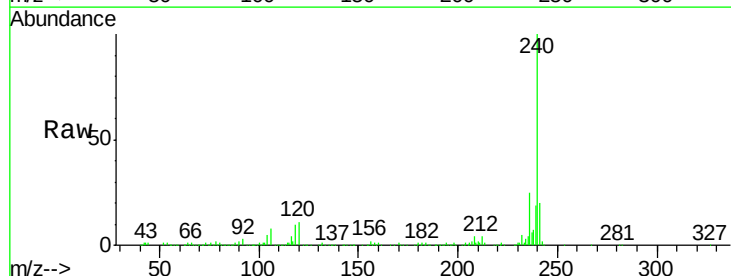


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

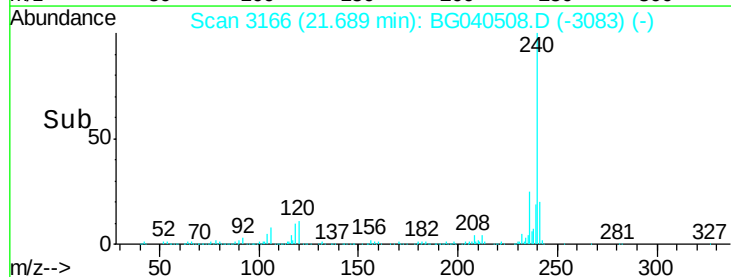
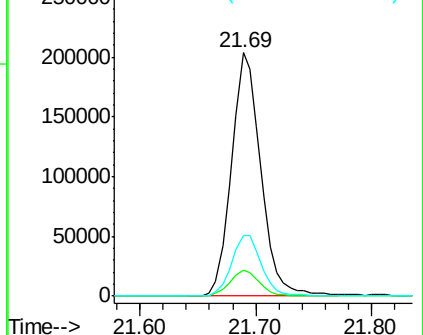


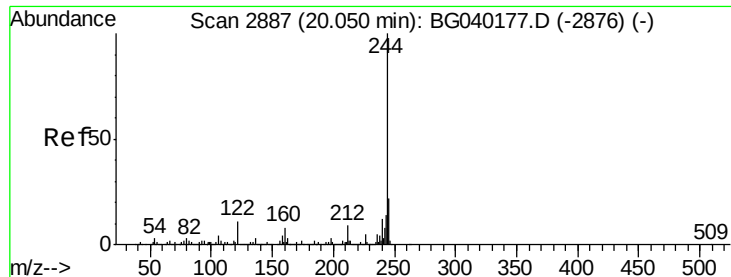
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.04 min
Lab File: BG040508.D
Acq: 16 Apr 2019 18:09

Tgt Ion:240 Resp: 358628
Ion Ratio Lower Upper
240 100
120 10.9 8.4 12.6
236 25.0 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: 83.679 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040508.D

Acq: 16 Apr 2019 18:09

Instrument :

BNA_G

ClientSampled :

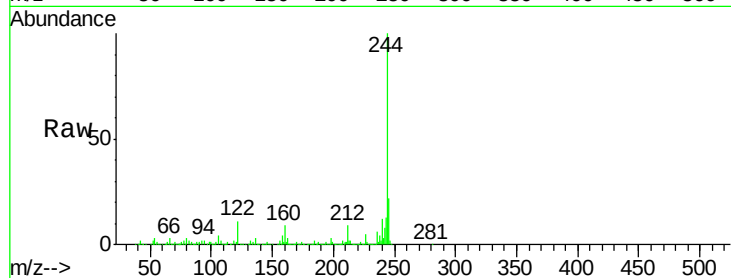
Tot Ion:244 Resp: 1333960

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

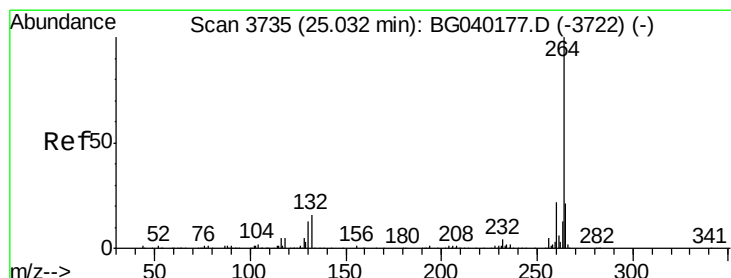
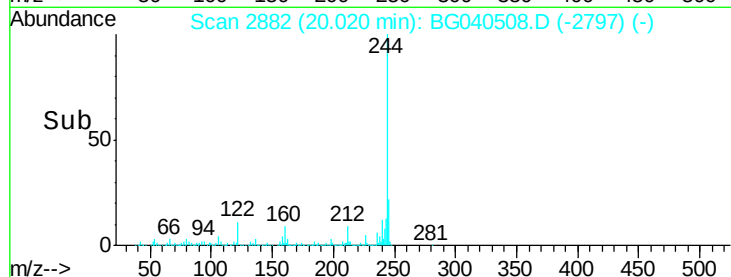
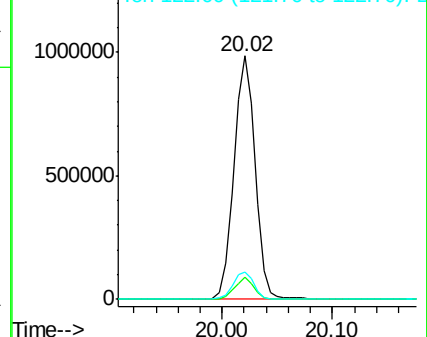
122 11.4 8.5 12.7



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# 3725

Delta R.T. -0.06 min

Lab File: BG040508.D

Acq: 16 Apr 2019 18:09

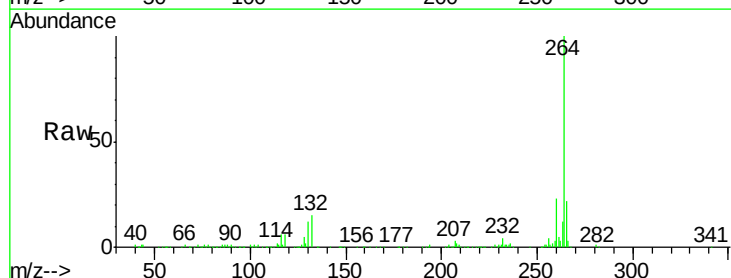
Tgt Ion:264 Resp: 383550

Ion Ratio Lower Upper

264 100

260 23.1 17.9 26.9

265 21.9 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

