

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
 Data File : BG040507.D
 Acq On : 16 Apr 2019 17:29
 Operator : JU/SJ
 Sample : K2389-01RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETERE

Quant Time: Apr 16 18:22:25 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

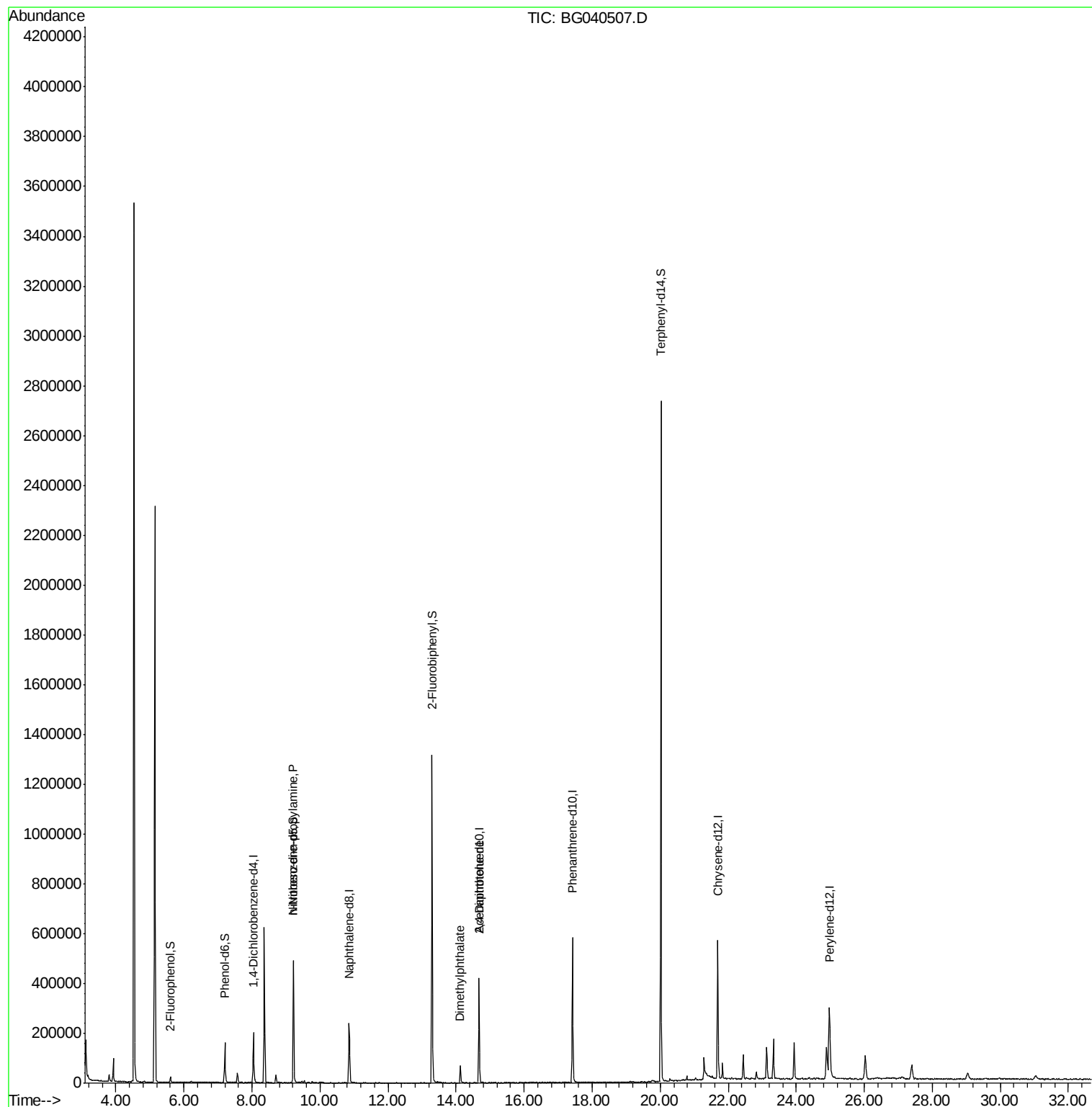
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56497	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	222617	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	146678	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	398881	20.00	ng	0.00
76) Chrysene-d12	21.70	240	355949	20.00	ng	0.00
87) Perylene-d12	24.97	264	367138	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	10910	3.21	ng	0.00
7) Phenol-d6	7.20	99	105556	22.47	ng	0.00
23) Nitrobenzene-d5	9.22	82	306613	73.21	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	1151	0.73	ng	0.03
45) 2-Fluorobiphenyl	13.29	172	724059	73.15	ng	0.00
79) Terphenyl-d14	20.02	244	1270540	80.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	39375	11.693	ng	Qvalue # 73
50) Dimethylphthalate	14.13	163	60747	5.292	ng	99
57) 2,4-Dinitrotoluene	14.67	165	17899	4.998	ng	# 27

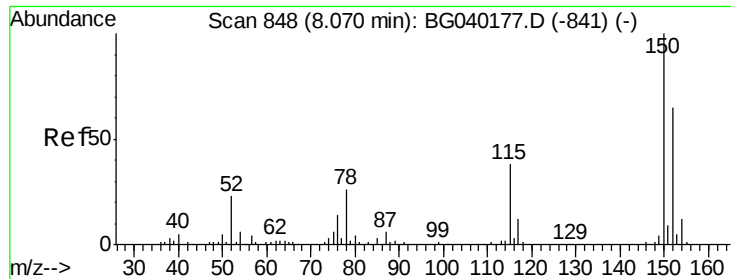
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
Data File : BG040507.D
Acq On : 16 Apr 2019 17:29
Operator : JU/SJ
Sample : K2389-01RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CONCRETE

Quant Time: Apr 16 18:22:25 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



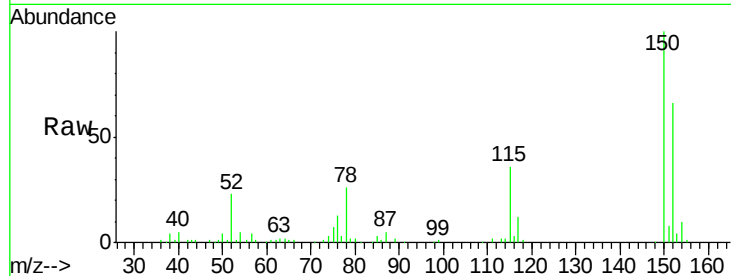


#1

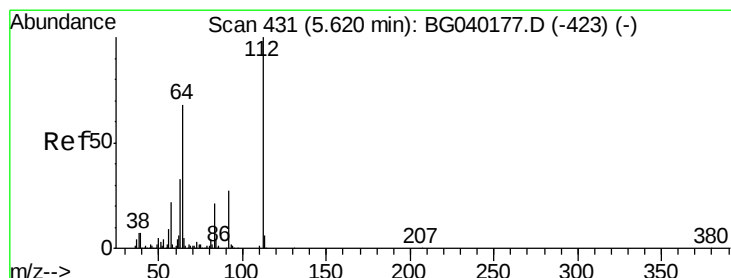
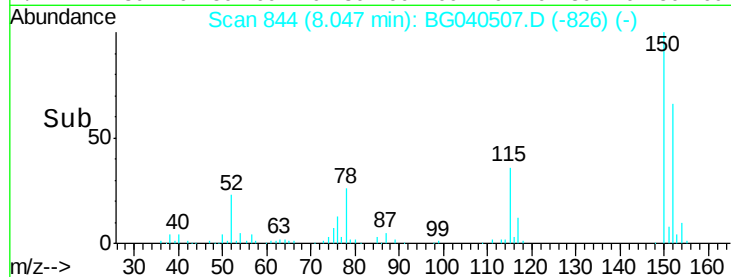
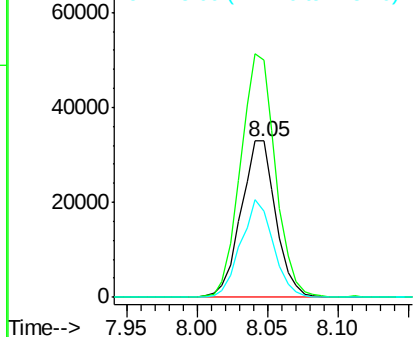
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG040507.D
Acq: 16 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :
CONCRETERE

Tgt Ion:152 Resp: 56497
Ion Ratio Lower Upper
152 100
150 151.6 123.7 185.5
115 54.7 46.9 70.3



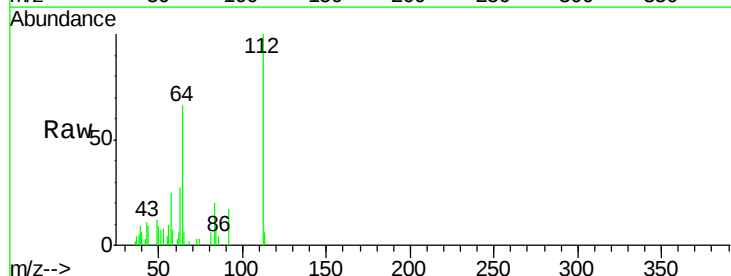
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



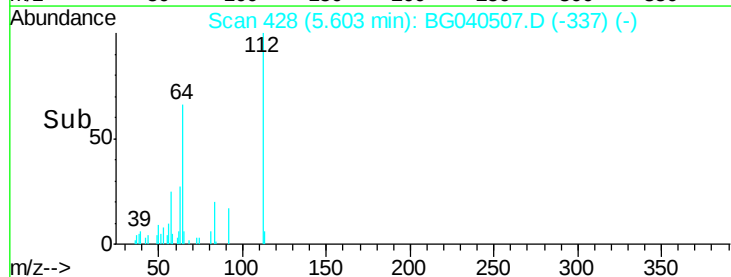
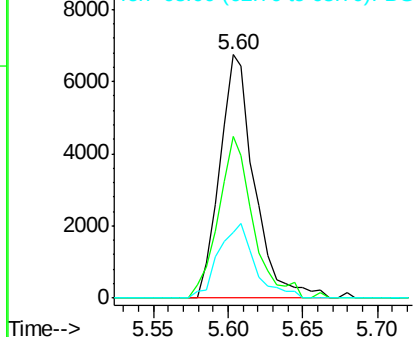
#5

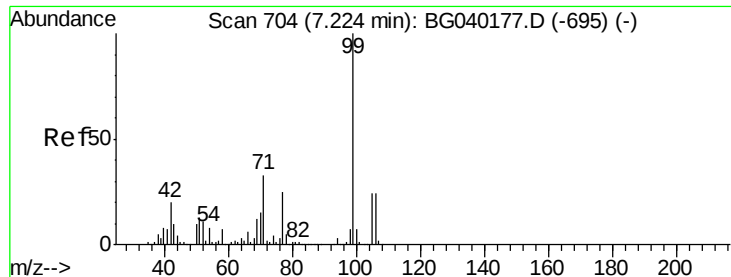
2-Fluorophenol
Concen: 3.210 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG040507.D
Acq: 16 Apr 2019 17:29

Tgt Ion:112 Resp: 10910
Ion Ratio Lower Upper
112 100
64 66.2 54.2 81.2
63 27.1 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: 22.474 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG040507.D

Acq: 16 Apr 2019 17:29

Instrument :

BNA_G

ClientSampleId :

CONCRETERE

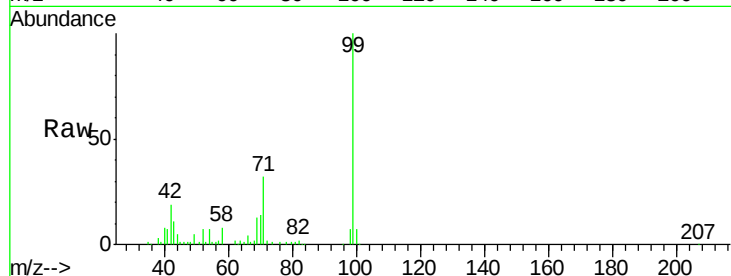
Tgt Ion: 99 Resp: 105556

Ion Ratio Lower Upper

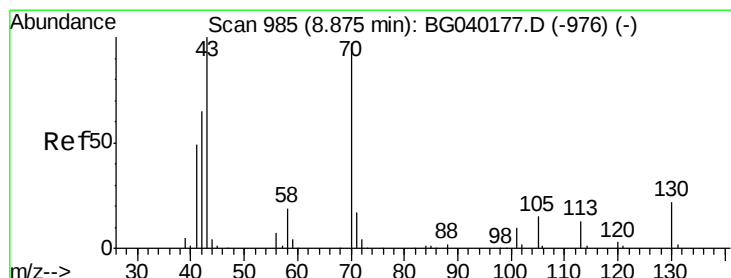
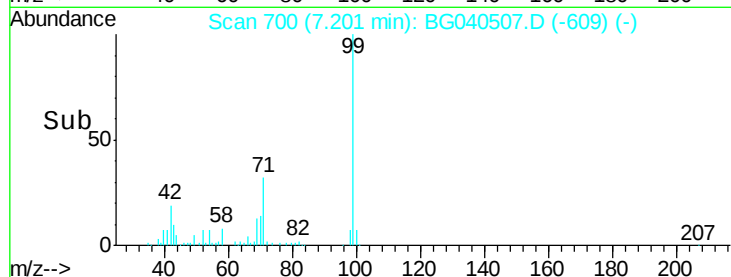
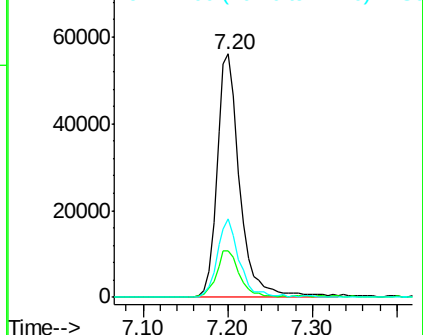
99 100

42 19.0 16.2 24.2

71 32.2 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: 11.693 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.37 min

Lab File: BG040507.D

Acq: 16 Apr 2019 17:29

Tgt Ion: 70 Resp: 39375

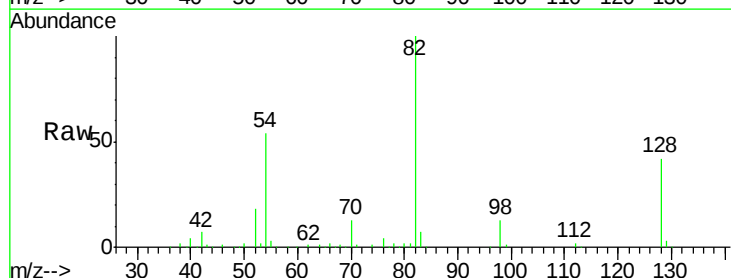
Ion Ratio Lower Upper

70 100

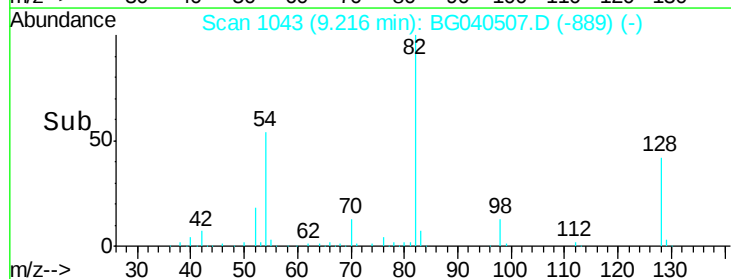
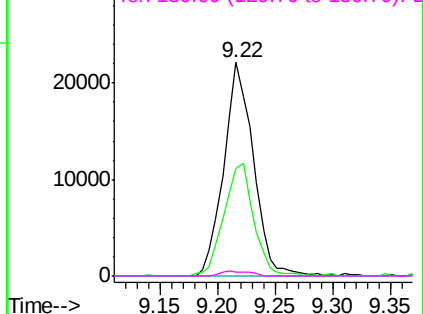
42 50.6 54.0 81.0#

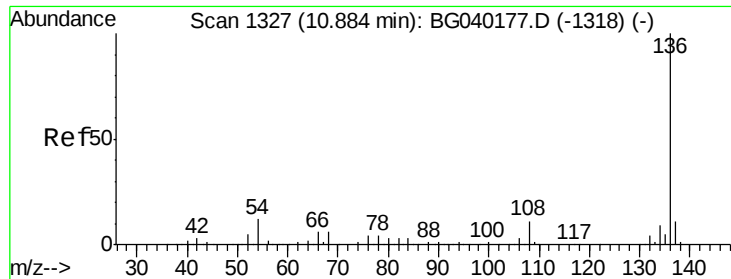
101 0.0 8.6 13.0#

130 2.0 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

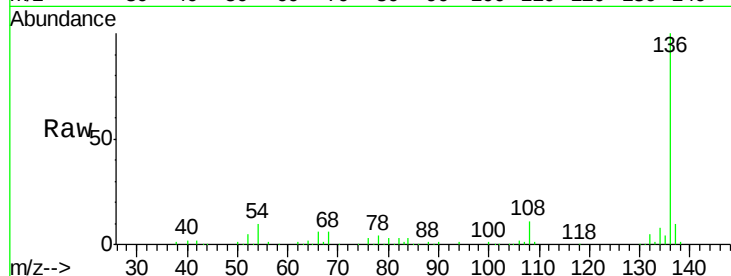




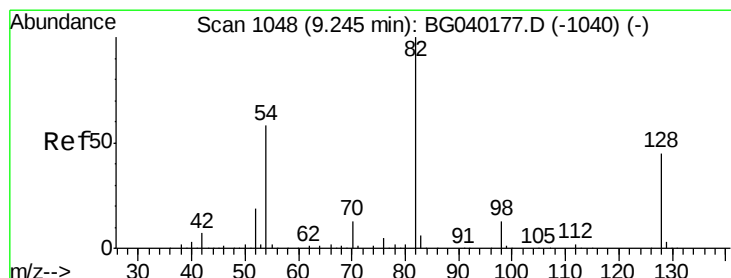
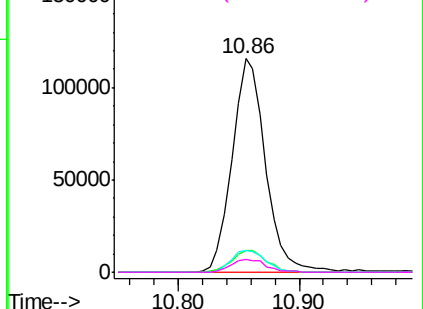
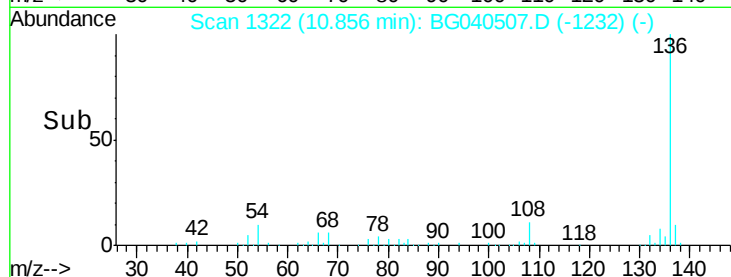
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG040507.D
Acq: 16 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :
CONCRETE

Tgt Ion:	136	Resp:	222617
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	10.2	9.6	14.4
68	6.2	5.1	7.7

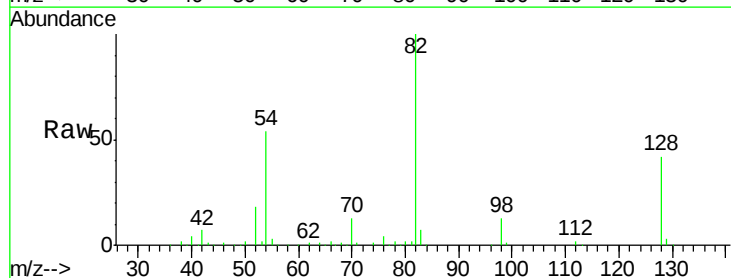


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

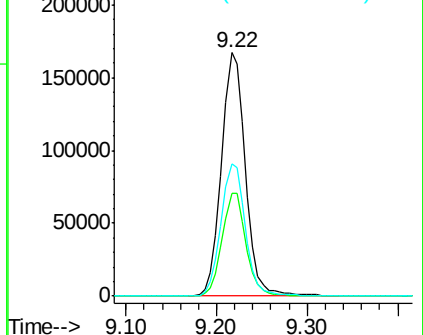
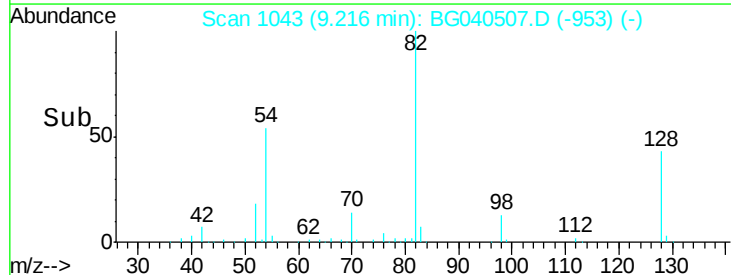


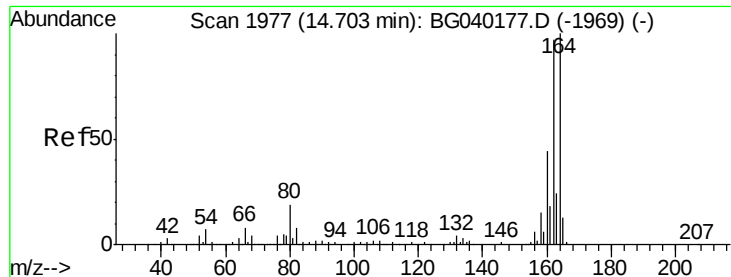
#23
Nitrobenzene-d5
Concen: 73.209 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG040507.D
Acq: 16 Apr 2019 17:29

Tgt Ion:	82	Resp:	306613
Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.8	53.8
54	54.3	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: BG040507.D

Acq: 16 Apr 2019 17:29

Instrument :

BNA_G

ClientSampleId :

CONCRETERE

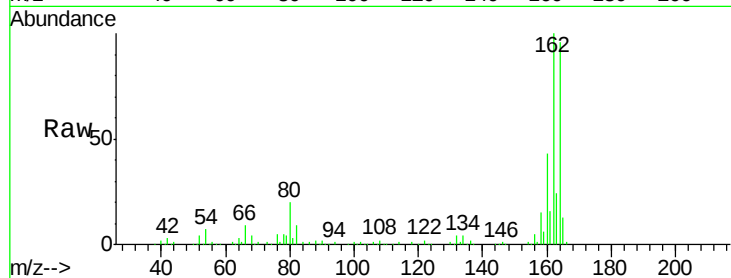
Tgt Ion:164 Resp: 146678

Ion Ratio Lower Upper

164 100

162 104.3 77.4 116.2

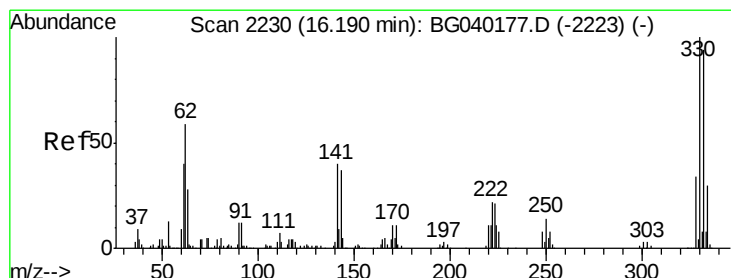
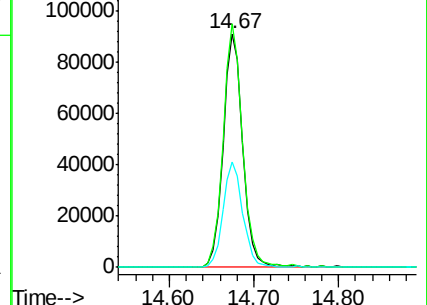
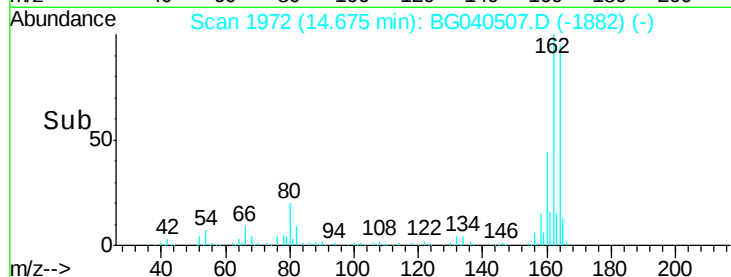
160 45.3 35.3 52.9



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: 0.726 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.03 min

Lab File: BG040507.D

Acq: 16 Apr 2019 17:29

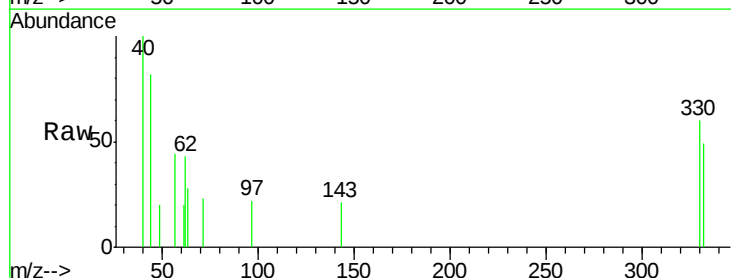
Tgt Ion:330 Resp: 1151

Ion Ratio Lower Upper

330 100

332 81.8 76.6 115.0

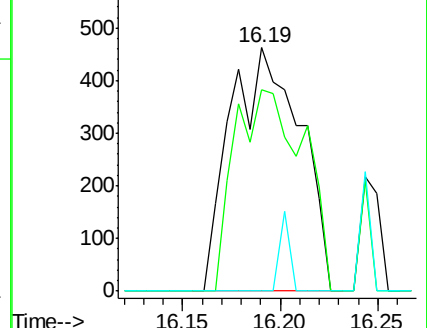
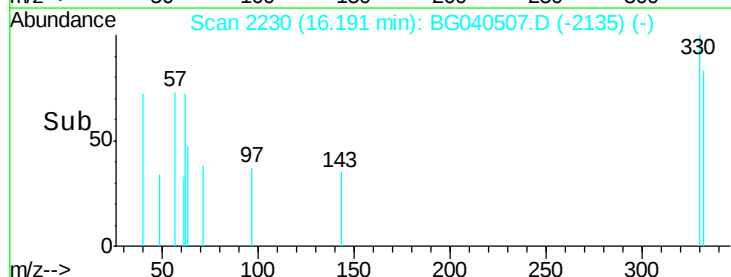
141 4.6 32.6 48.8#

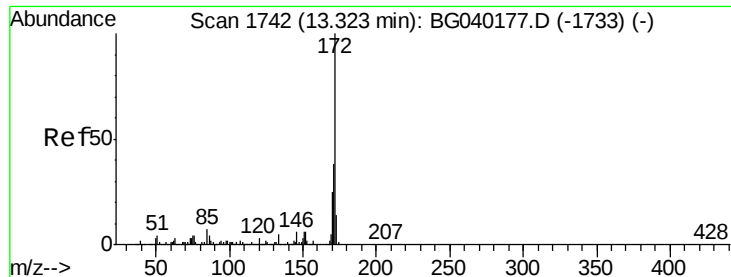


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

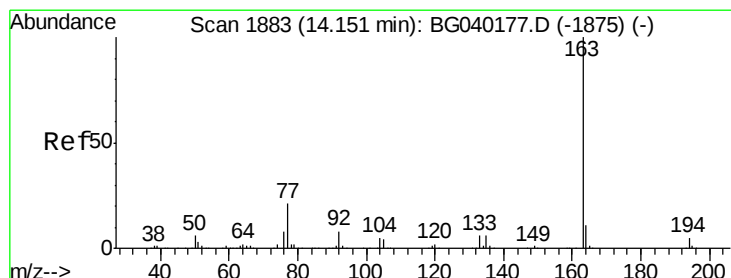
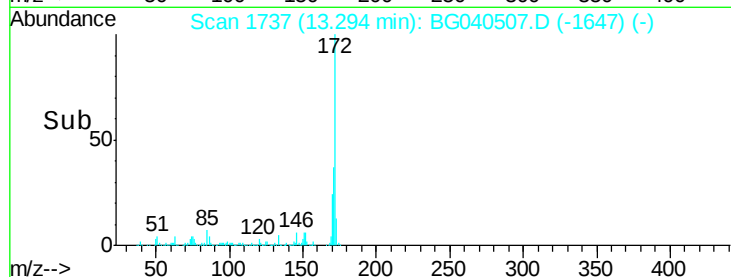
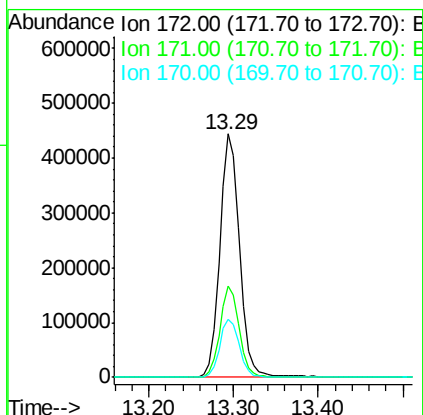
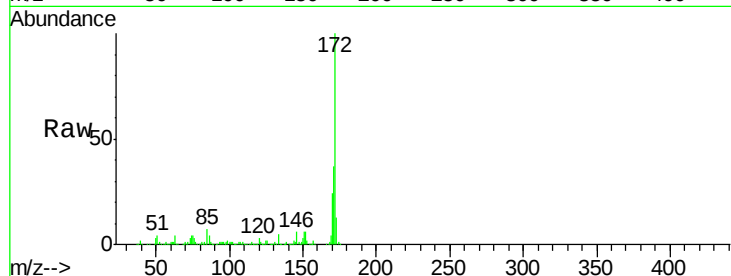




#45
2-Fluorobiphenyl
Concen: 73.145 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG040507.D
Acq: 16 Apr 2019 17:29

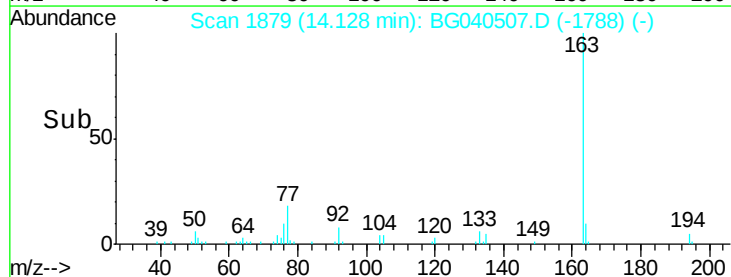
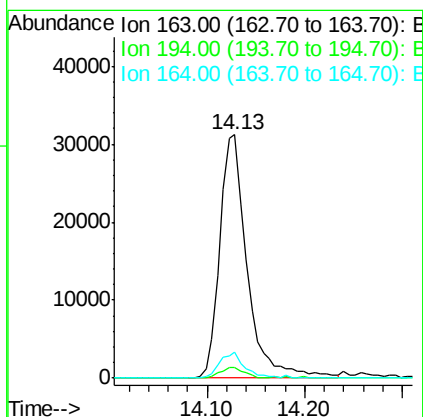
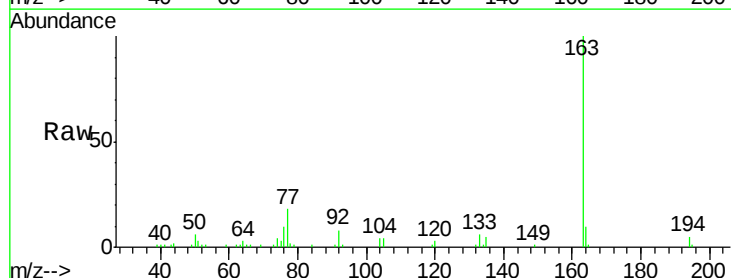
Instrument :
BNA_G
ClientSampleId :
CONCRETERE

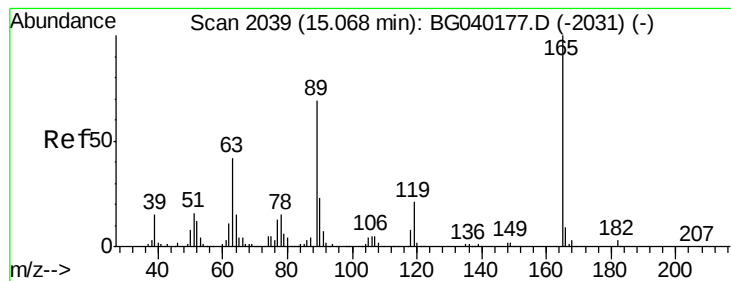
Tgt Ion:172 Resp: 724059
Ion Ratio Lower Upper
172 100
171 37.3 30.5 45.7
170 23.9 20.1 30.1



#50
Dimethylphthalate
Concen: 5.292 ng
RT: 14.13 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BG040507.D
Acq: 16 Apr 2019 17:29

Tgt Ion:163 Resp: 60747
Ion Ratio Lower Upper
163 100
194 4.6 4.1 6.1
164 10.5 8.6 13.0





#57

2,4-Dinitrotoluene

Concen: 4.998 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.37 min

Lab File: BG040507.D

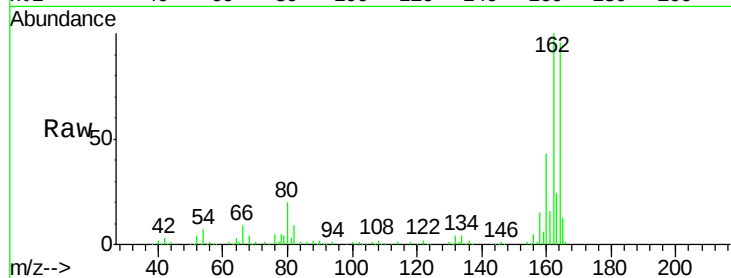
Acq: 16 Apr 2019 17:29

Instrument :

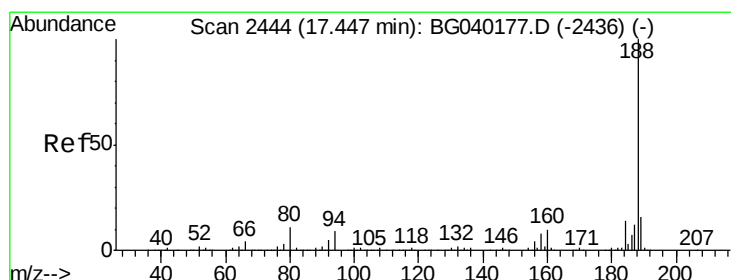
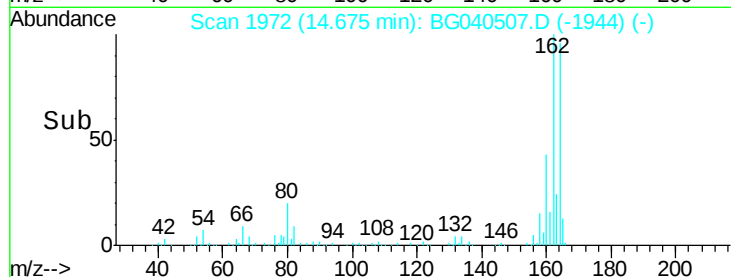
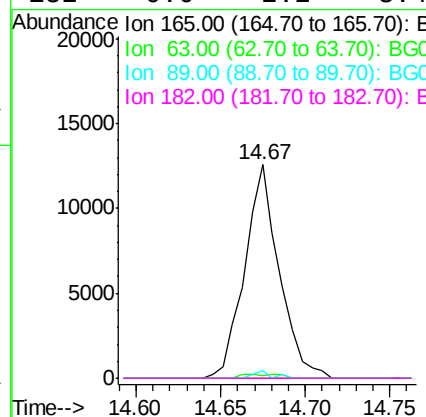
BNA_G

ClientSampleId :

CONCRETERE



Tgt Ion:	165	Resp:	17899
Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.8	50.6#
89	3.3	55.4	83.2#
182	0.0	2.2	3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

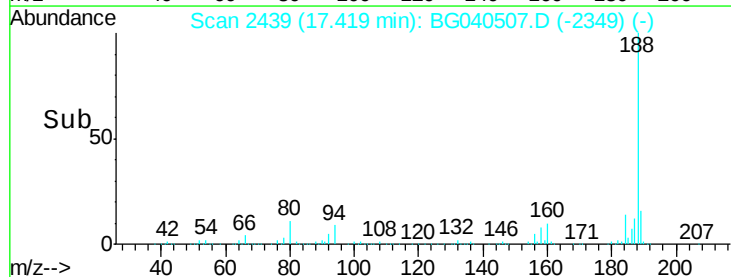
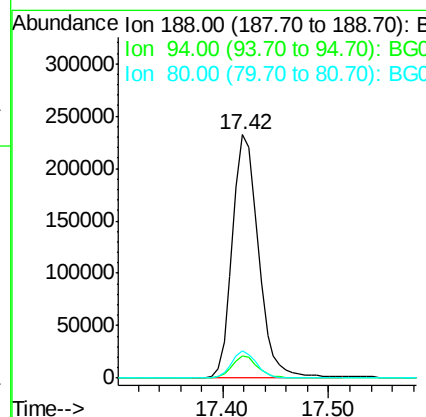
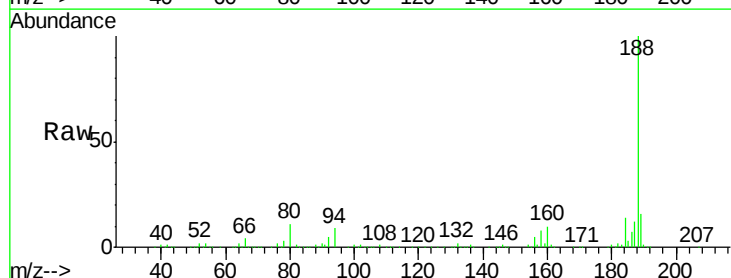
RT: 17.42 min Scan# 2439

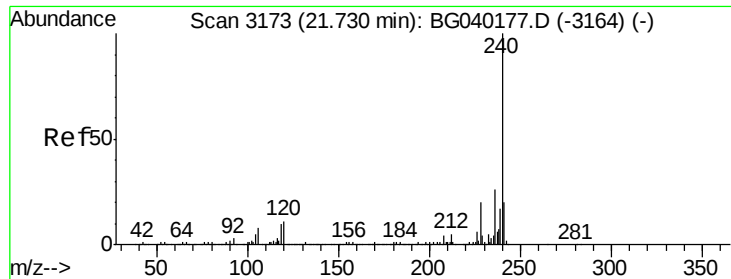
Delta R.T. -0.00 min

Lab File: BG040507.D

Acq: 16 Apr 2019 17:29

Tgt Ion:	188	Resp:	398881
Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.4
80	11.0	8.6	13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG040507.D

Acq: 16 Apr 2019 17:29

Instrument :

BNA_G

ClientSampleId :

CONCRETE

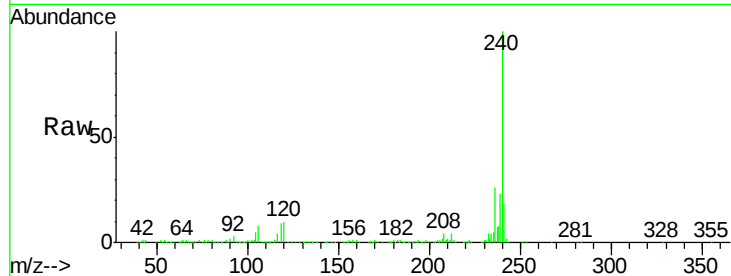
Tgt Ion:240 Resp: 355949

Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

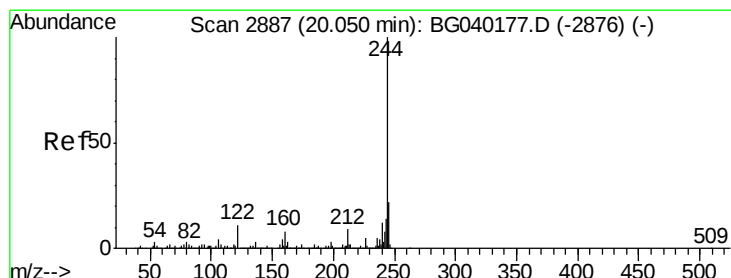
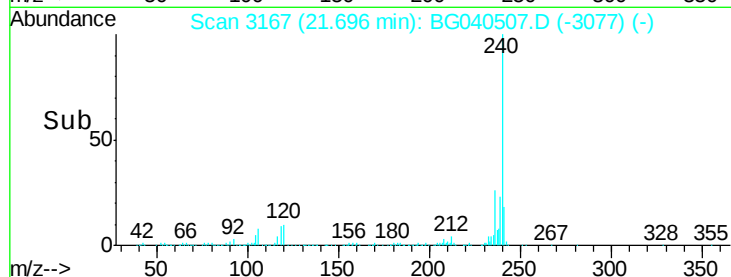
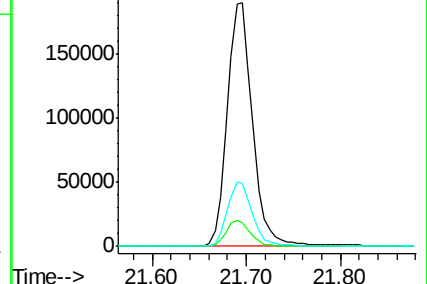
236 25.9 20.8 31.2



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: 80.300 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG040507.D

Acq: 16 Apr 2019 17:29

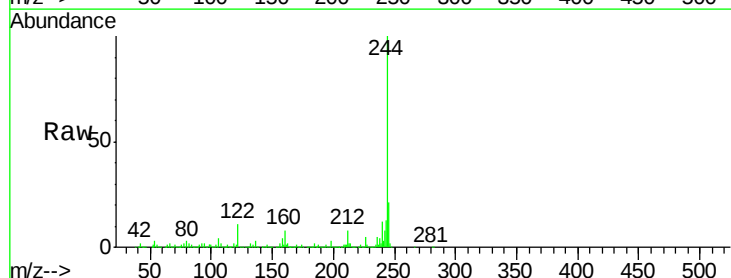
Tgt Ion:244 Resp: 1270540

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.6

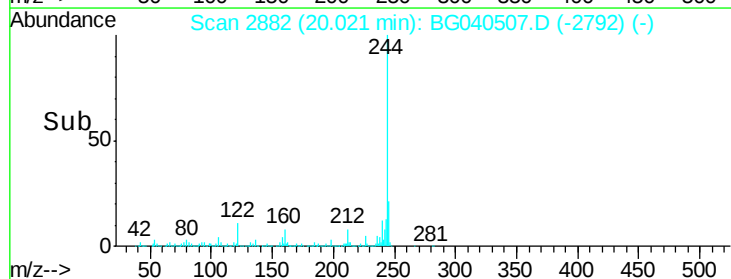
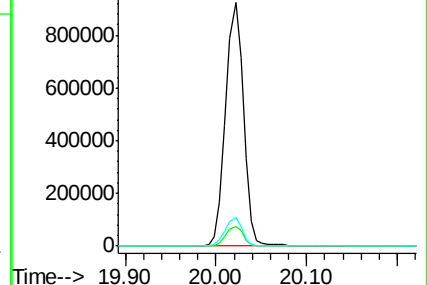
122 11.5 8.5 12.7

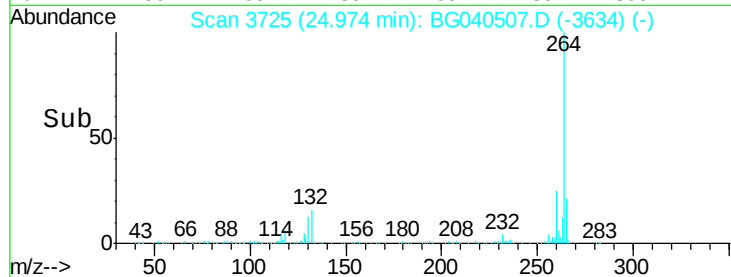
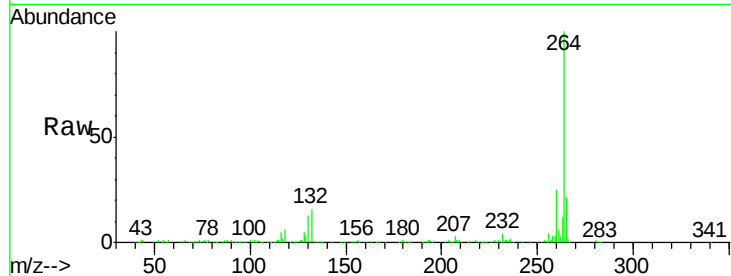
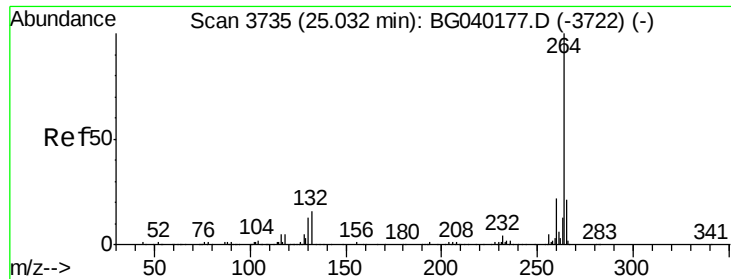


Abundance Ion 244.00 (243.70 to 244.70): E

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. 0.00 min

Lab File: BG040507.D

Acq: 16 Apr 2019 17:29

Instrument :

BNA_G

ClientSampleId :

CONCRETERE

Tgt Ion:264 Resp: 367138

Ion Ratio Lower Upper

264 100

260 24.7 17.9 26.9

265 21.0 16.8 25.2

