

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040519\
 Data File : BG040388.D
 Acq On : 5 Apr 2019 22:25
 Operator : JU/SJ
 Sample : K2193-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 05 23:39:01 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

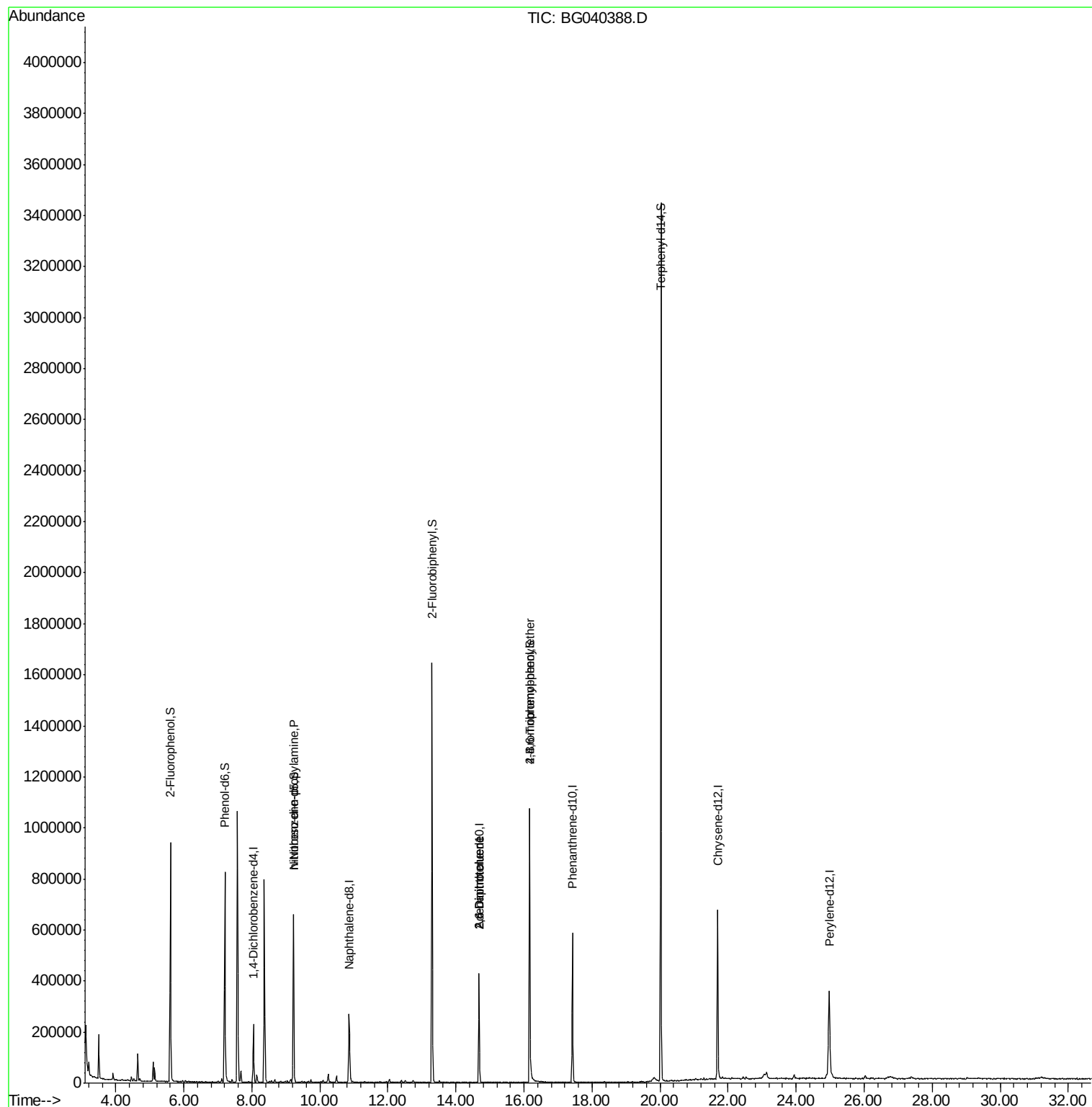
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	62585	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	244607	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	150449	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	367192	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	422405	20.00	ng	-0.04
87) Perylene-d12	24.97	264	422698	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	433797	115.23	ng	-0.01
7) Phenol-d6	7.20	99	519934	99.93	ng	-0.02
23) Nitrobenzene-d5	9.22	82	410475	89.20	ng	-0.02
42) 2,4,6-Tribromophenol	16.16	330	222259	136.69	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	901916	88.83	ng	-0.03
79) Terphenyl-d14	20.02	244	1593810	84.88	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	51582	13.828	ng	# 77
51) 2,6-Dinitrotoluene	14.68	165	20077	7.594	ng	# 25
57) 2,4-Dinitrotoluene	14.68	165	20077	5.465	ng	# 25
67) 4-Bromophenyl-phenylether	16.16	248	17612	4.262	ng	# 1

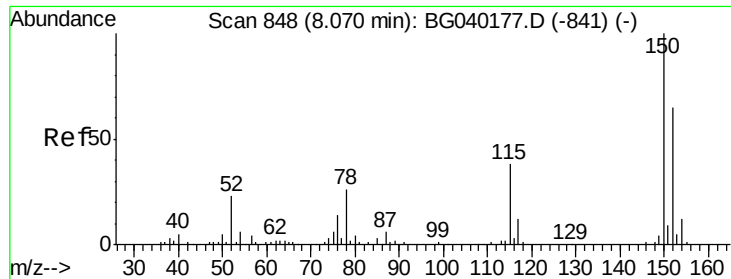
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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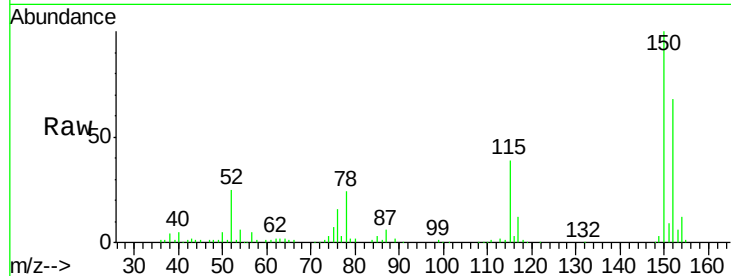


#1

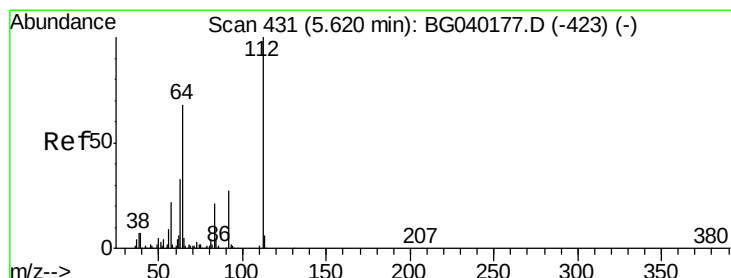
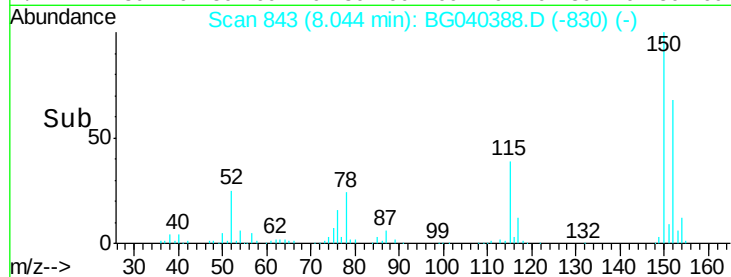
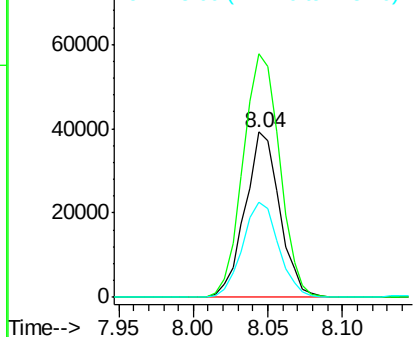
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040388.D
Acq: 5 Apr 2019 22:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 62585
Ion Ratio Lower Upper
152 100
150 147.6 123.7 185.5
115 57.8 46.9 70.3



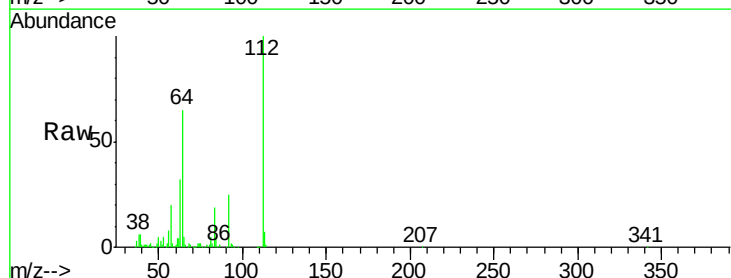
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



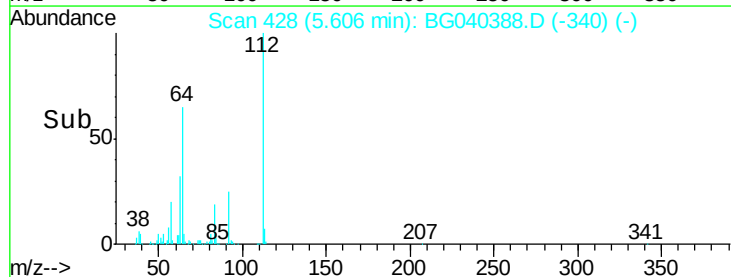
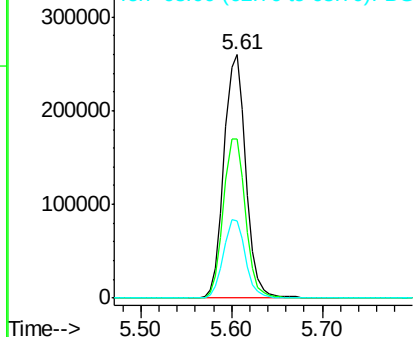
#5

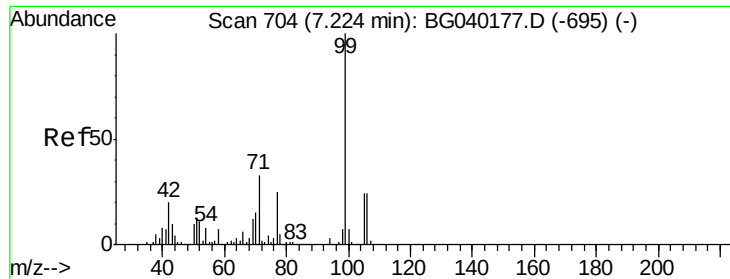
2-Fluorophenol
Concen: 115.227 ng
RT: 5.61 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG040388.D
Acq: 5 Apr 2019 22:25

Tgt Ion:112 Resp: 433797
Ion Ratio Lower Upper
112 100
64 65.3 54.2 81.2
63 31.8 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 99.932 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040388.D

Acq: 5 Apr 2019 22:25

Instrument :

BNA_G

ClientSampleId :

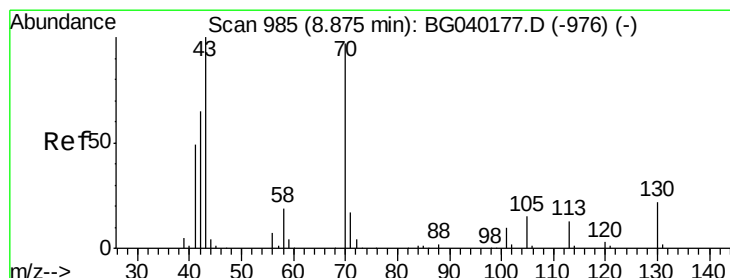
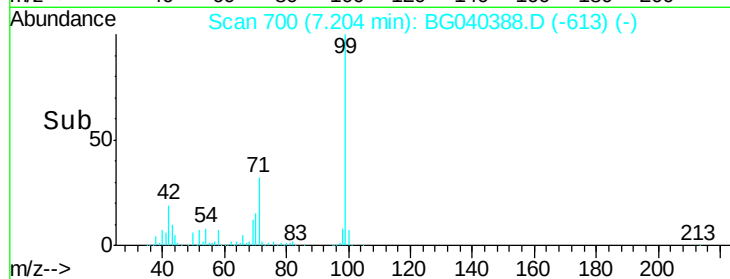
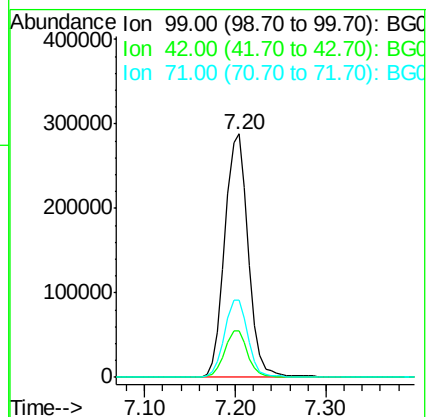
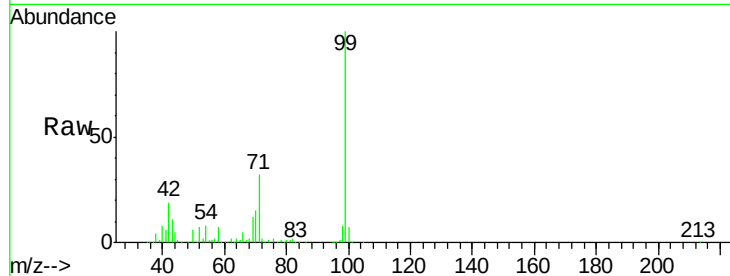
Tot Ion: 99 Resp: 519934

Ion Ratio Lower Upper

99 100

42 19.3 16.2 24.2

71 31.6 26.8 40.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.828 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040388.D

Acq: 5 Apr 2019 22:25

Tgt Ion: 70 Resp: 51582

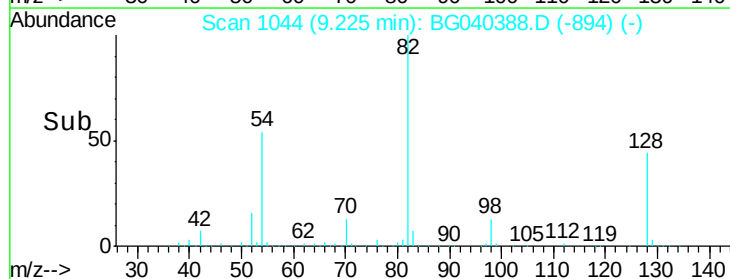
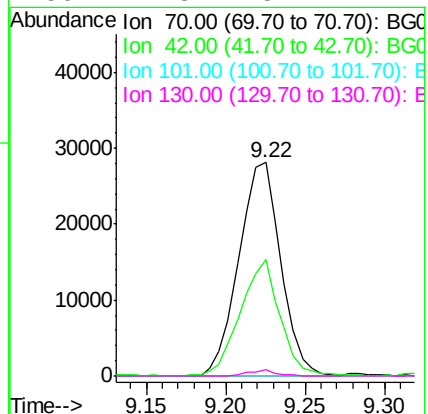
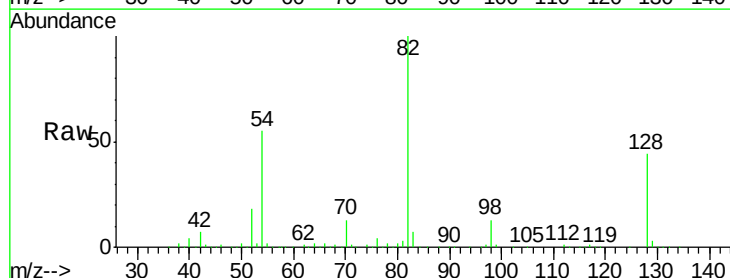
Ion Ratio Lower Upper

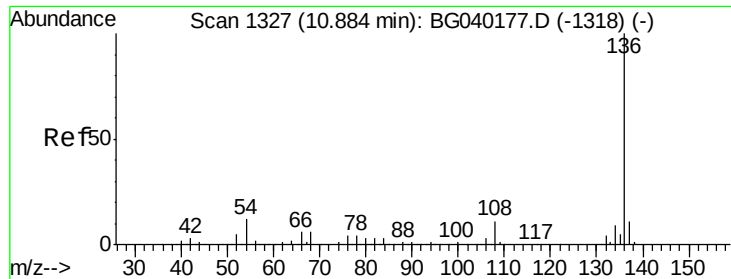
70 100

42 54.2 54.0 81.0

101 0.0 8.6 13.0#

130 2.8 18.2 27.2#

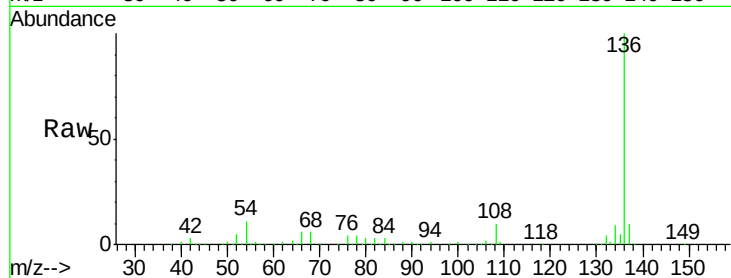




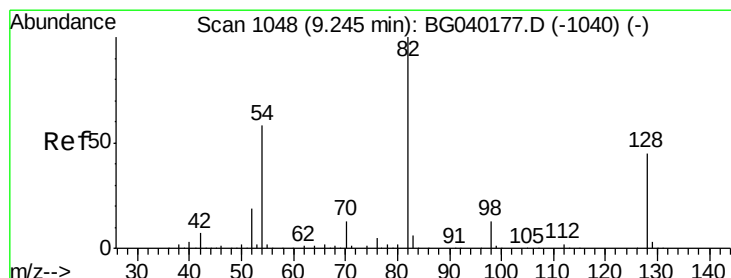
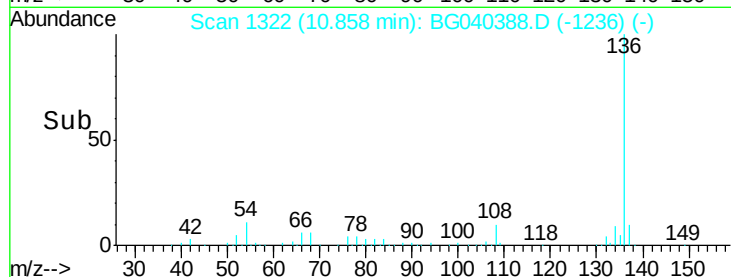
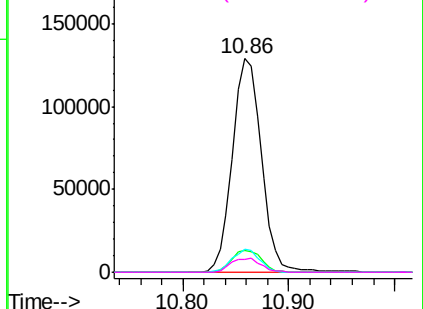
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040388.D
Acq: 5 Apr 2019 22:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	244607
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.9 13.3
54	10.6	9.6 14.4
68	6.3	5.1 7.7

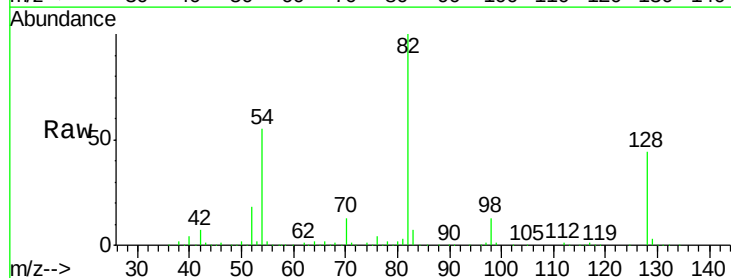


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

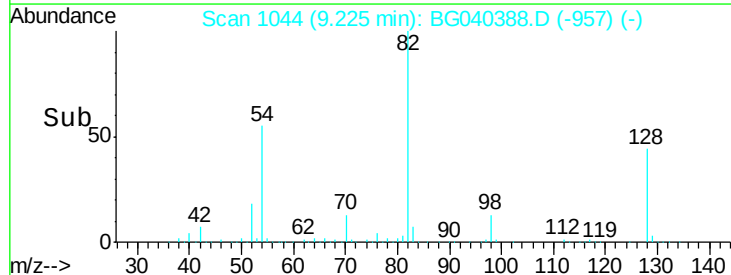
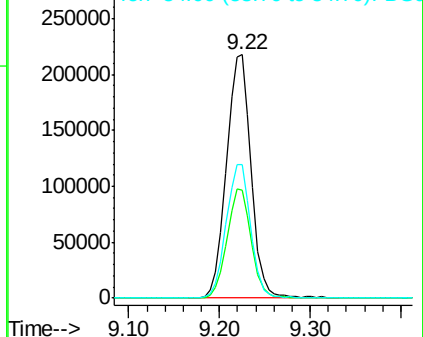


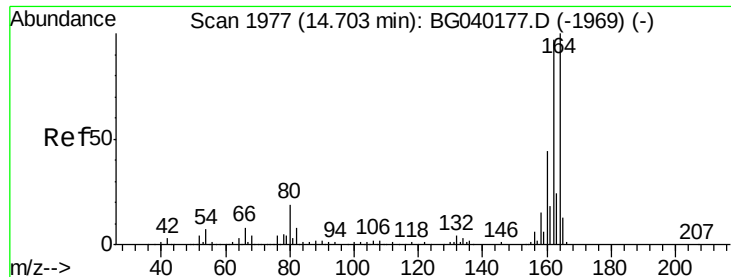
#23
Nitrobenzene-d5
Concen: 89.197 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040388.D
Acq: 5 Apr 2019 22:25

Tgt Ion: 82	Resp:	410475
Ion Ratio	Lower	Upper
82	100	
128	44.5	35.8 53.8
54	54.6	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# 1972

Delta R.T. -0.03 min

Lab File: BG040388.D

Acq: 5 Apr 2019 22:25

Instrument :

BNA_G

ClientSampleId :

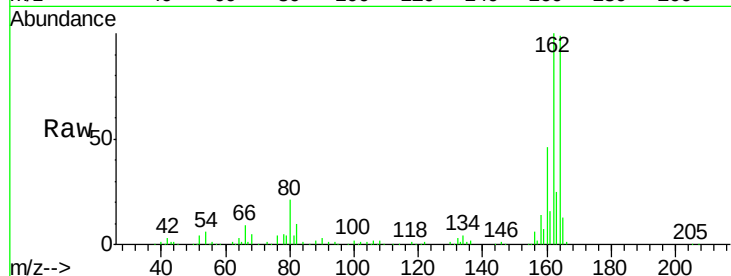
Tot Ion:164 Resp: 150449

Ion Ratio Lower Upper

164 100

162 101.0 77.4 116.2

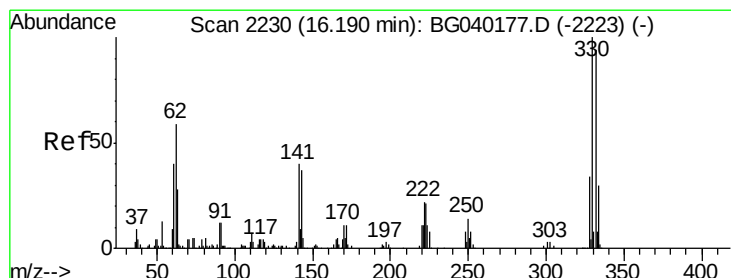
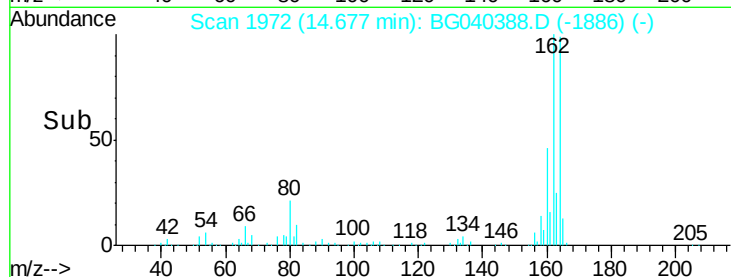
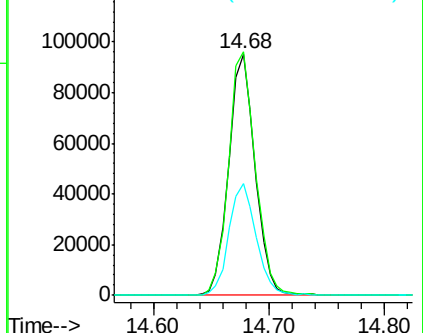
160 46.6 35.3 52.9



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: 136.694 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.03 min

Lab File: BG040388.D

Acq: 5 Apr 2019 22:25

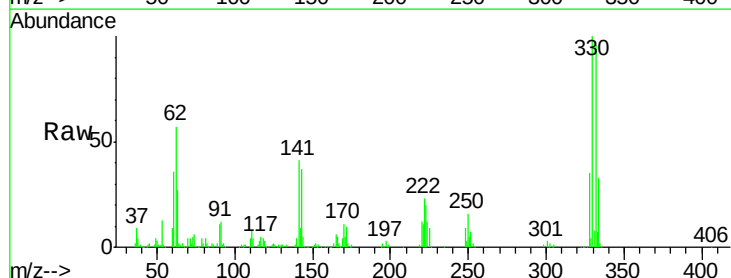
Tgt Ion:330 Resp: 222259

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

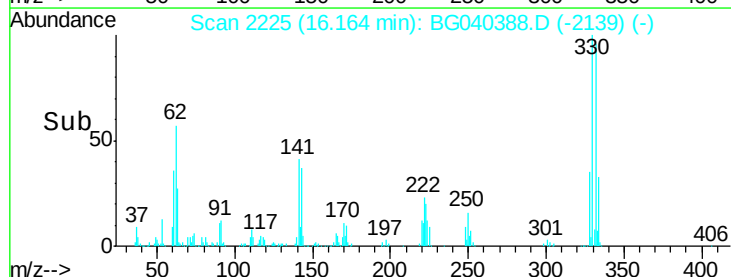
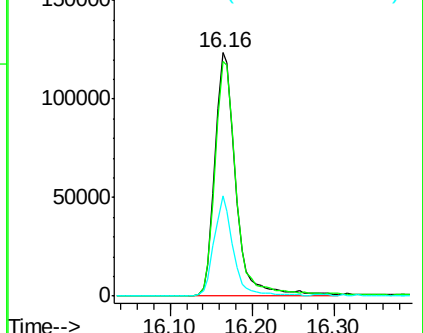
141 37.1 32.6 48.8

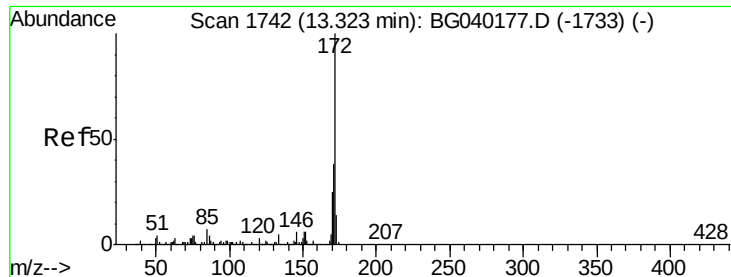


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

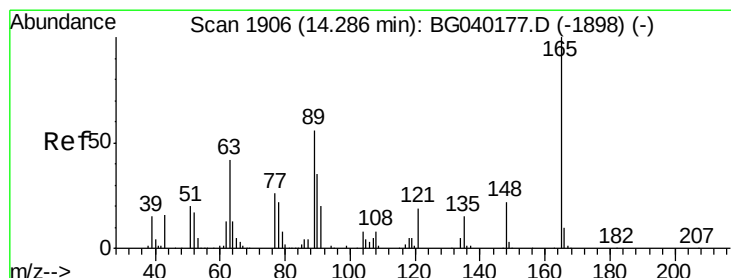
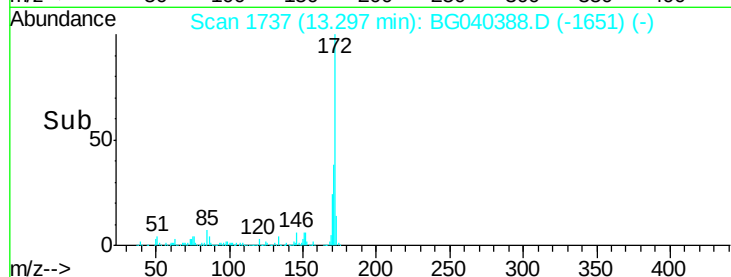
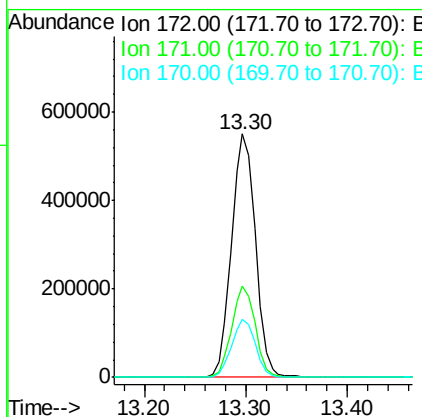
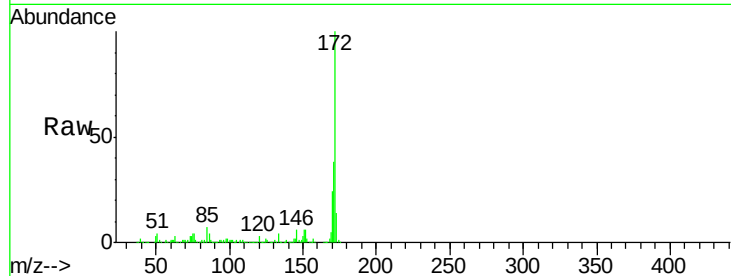




#45
2-Fluorobiphenyl
Concen: 88.829 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040388.D
Acq: 5 Apr 2019 22:25

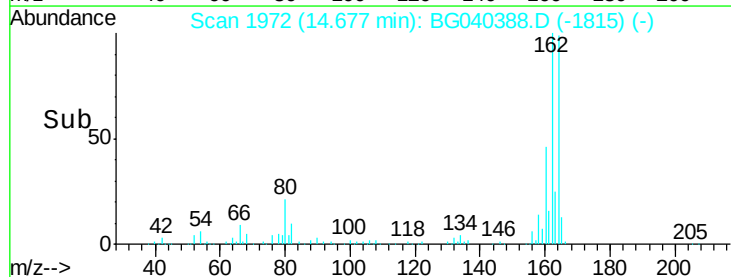
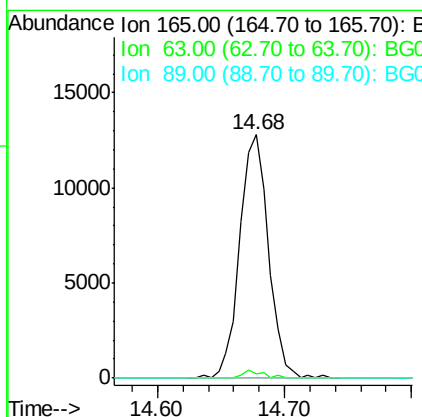
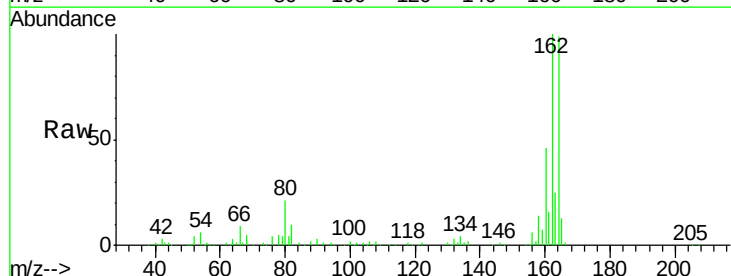
Instrument :
BNA_G
ClientSampleId :

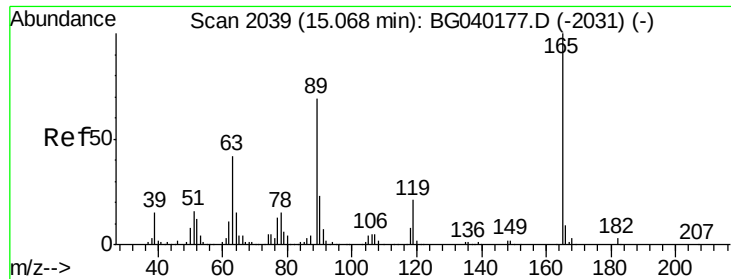
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.5	45.7
170	24.0	20.1	30.1



#51
2,6-Dinitrotoluene
Concen: 7.594 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.39 min
Lab File: BG040388.D
Acq: 5 Apr 2019 22:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.1	66.1#
89	0.0	44.9	67.3#

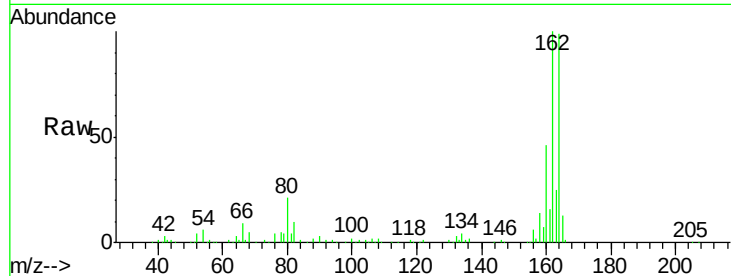




#57
 2,4-Dinitrotoluene
 Concen: 5.465 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.39 min
 Lab File: BG040388.D
 Acq: 5 Apr 2019 22:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	20077
Ion Ratio	Lower	Upper
165	100	
63	1.8	33.8 50.6#
89	0.0	55.4 83.2#
182	0.0	2.2 3.4#

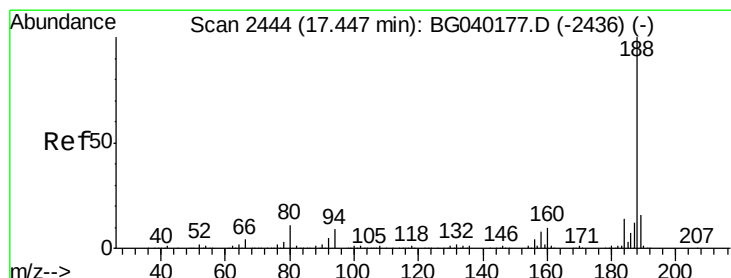
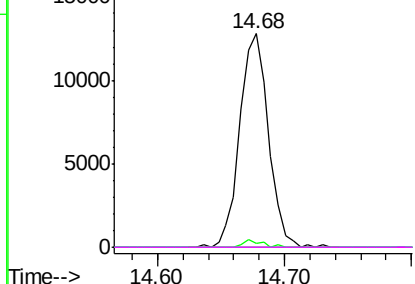
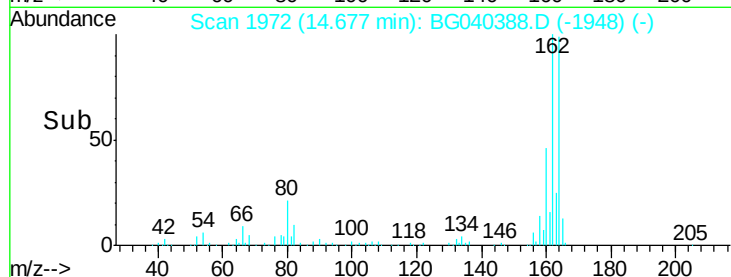


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

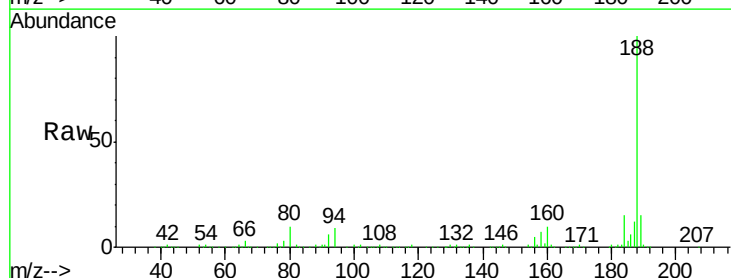
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.03 min
 Lab File: BG040388.D
 Acq: 5 Apr 2019 22:25

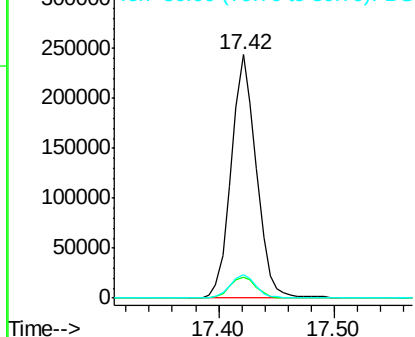
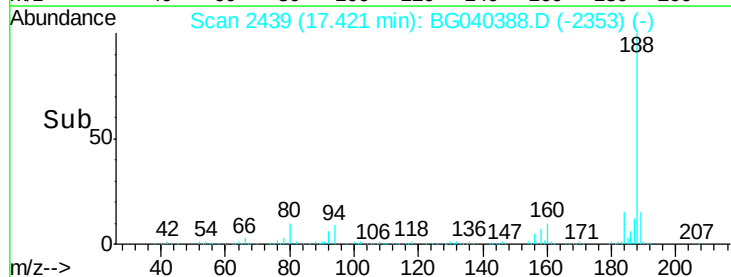
Tgt Ion:188	Resp:	367192
Ion Ratio	Lower	Upper
188	100	
94	8.5	7.0 10.4
80	9.7	8.6 13.0

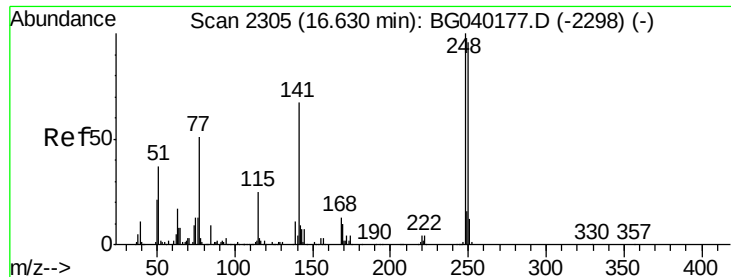


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#67

4-Bromophenyl-phenylether

Concen: 4.262 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.47 min

Lab File: BG040388.D

Acq: 5 Apr 2019 22:25

Instrument :

BNA_G

ClientSampleId :

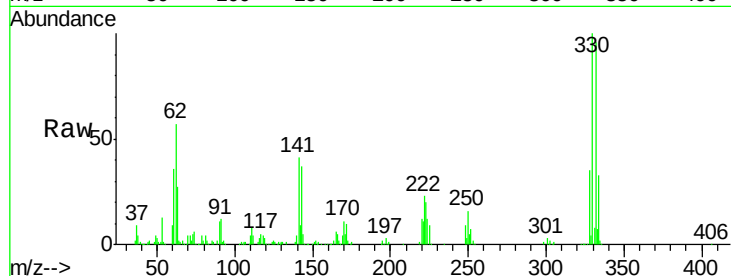
Tot Ion:248 Resp: 17612

Ion Ratio Lower Upper

248 100

250 180.6 76.4 114.6#

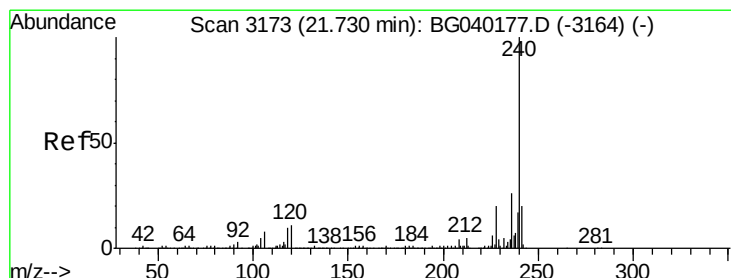
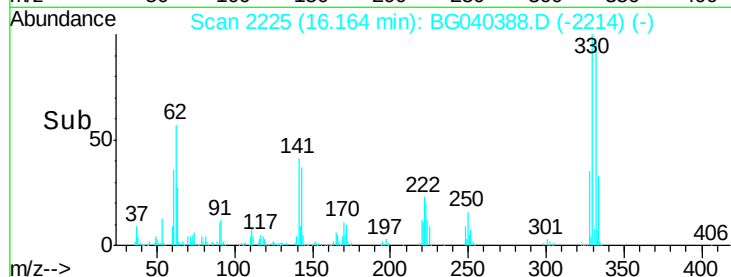
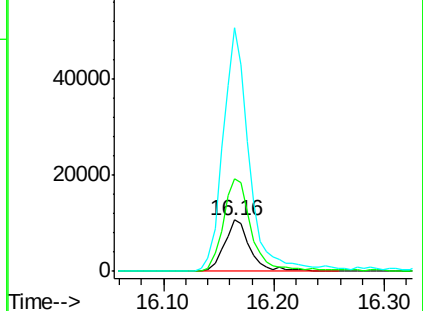
141 472.0 53.8 80.8#



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: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040388.D

Acq: 5 Apr 2019 22:25

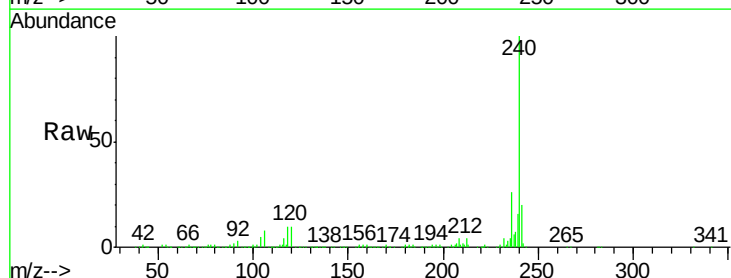
Tgt Ion:240 Resp: 422405

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

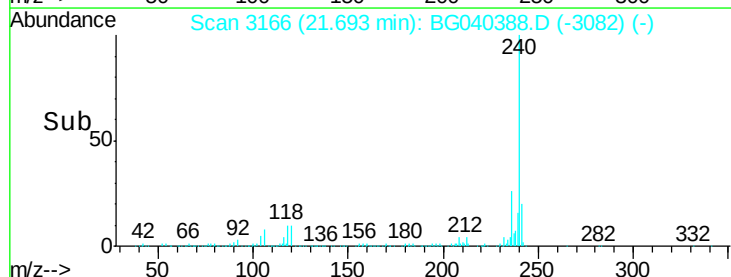
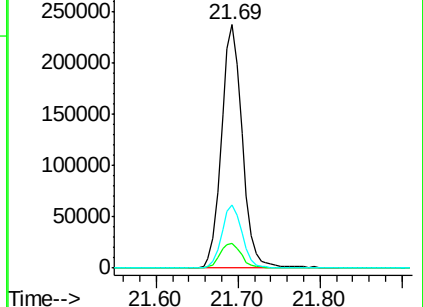
236 26.0 20.8 31.2

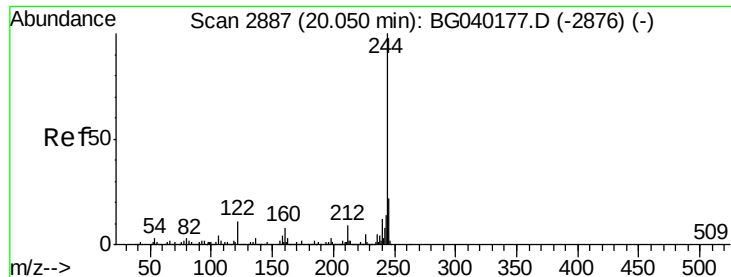


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.883 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040388.D

Acq: 5 Apr 2019 22:25

Instrument :

BNA_G

ClientSampleId :

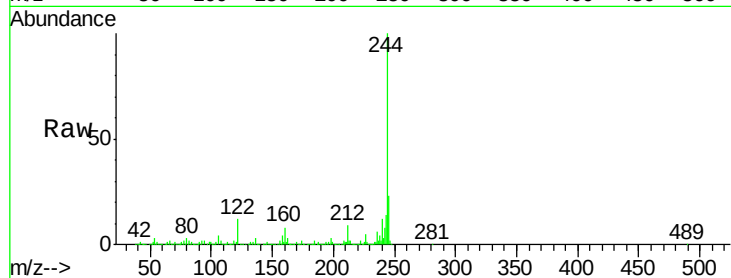
Tot Ion:244 Resp: 1593810

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

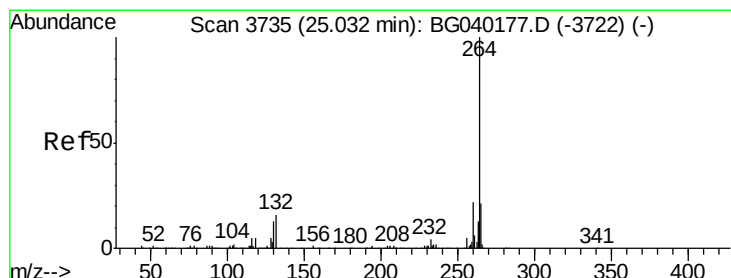
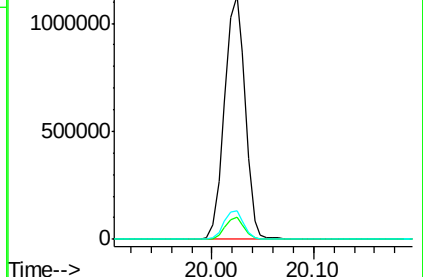
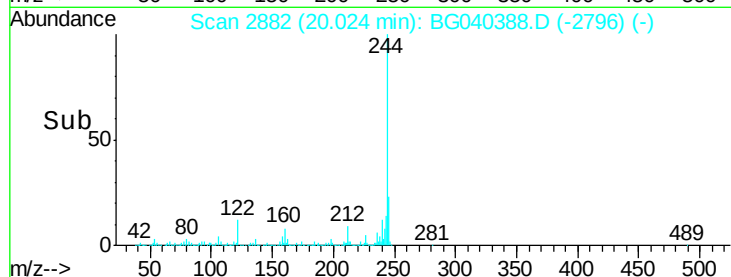
122 12.0 8.5 12.7



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: BG040388.D

Acq: 5 Apr 2019 22:25

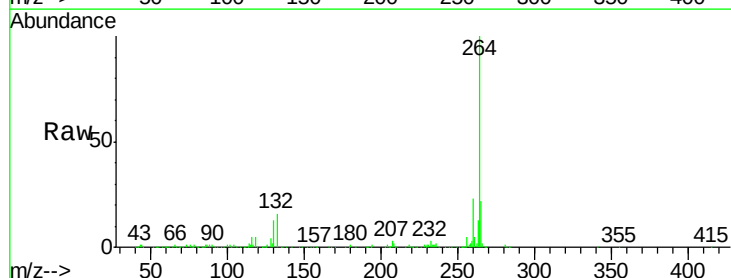
Tgt Ion:264 Resp: 422698

Ion Ratio Lower Upper

264 100

260 23.1 17.9 26.9

265 21.6 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

