

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041719\
 Data File : BG040530.D
 Acq On : 17 Apr 2019 15:07
 Operator : JU/SJ
 Sample : K2411-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 18 01:23:14 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

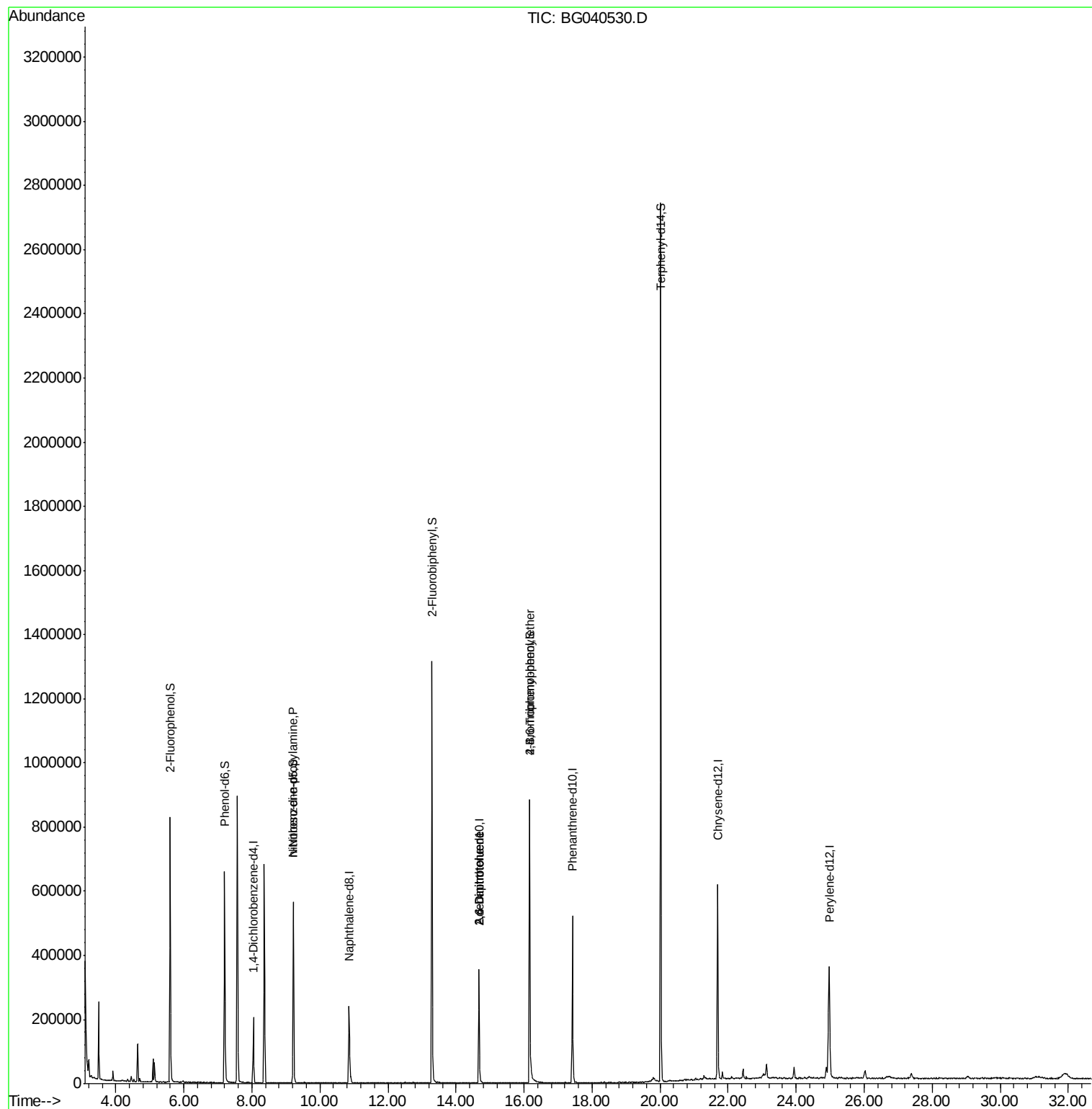
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	57469	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	219005	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	129807	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	344291	20.00	ng	0.00
76) Chrysene-d12	21.69	240	367273	20.00	ng	0.00
87) Perylene-d12	24.96	264	395021	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	350575	101.41	ng	0.00
7) Phenol-d6	7.20	99	402807	84.31	ng	0.00
23) Nitrobenzene-d5	9.22	82	339320	82.35	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	182673	130.21	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	730341	83.37	ng	0.00
79) Terphenyl-d14	20.02	244	1310161	80.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	44509	12.994	ng	# 71
51) 2,6-Dinitrotoluene	14.67	165	16227	7.114	ng	# 25
57) 2,4-Dinitrotoluene	14.67	165	16227	5.120	ng	# 25
67) 4-Bromophenyl-phenylether	16.16	248	13758	3.551	ng	# 1

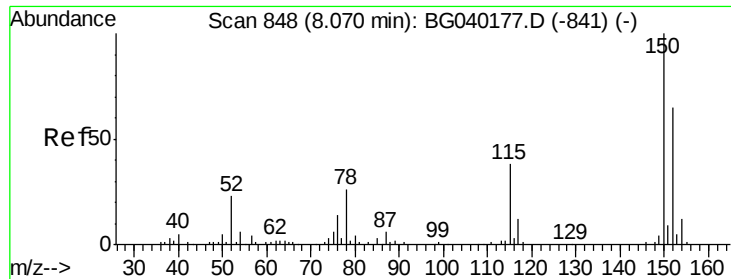
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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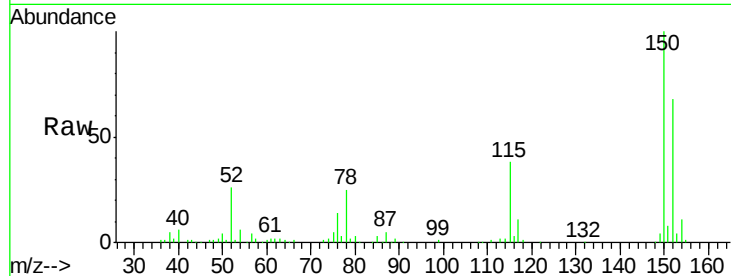


#1

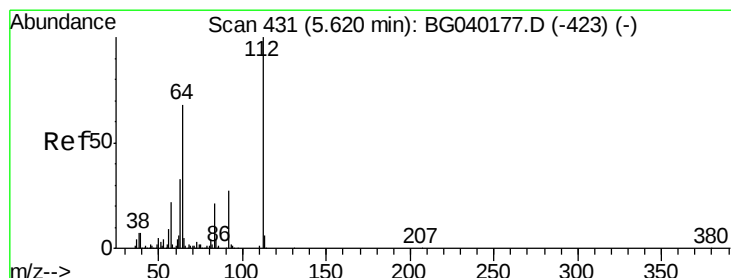
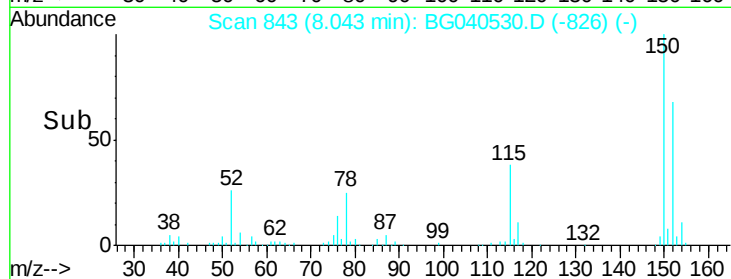
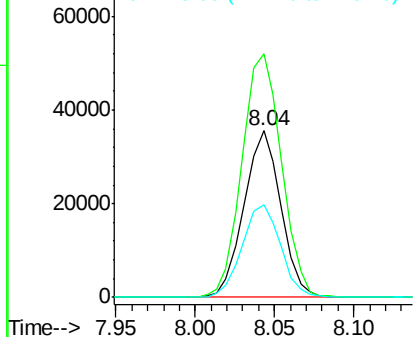
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG040530.D
Acq: 17 Apr 2019 15:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 57469
Ion Ratio Lower Upper
152 100
150 146.3 123.7 185.5
115 55.6 46.9 70.3



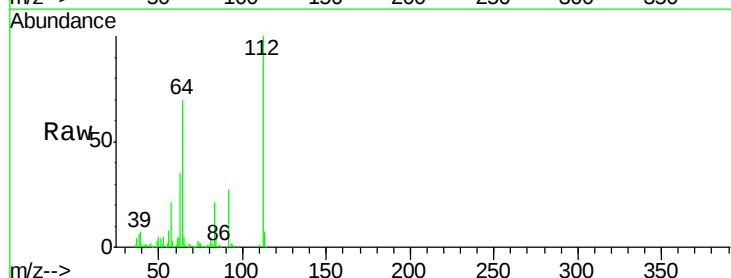
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



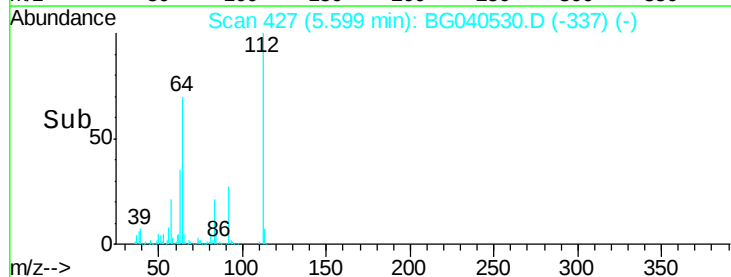
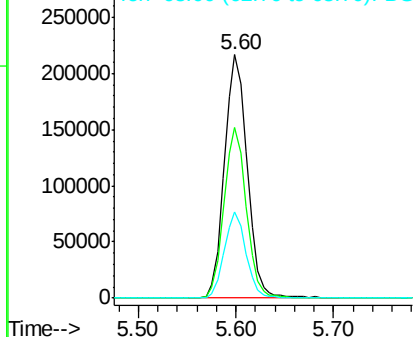
#5

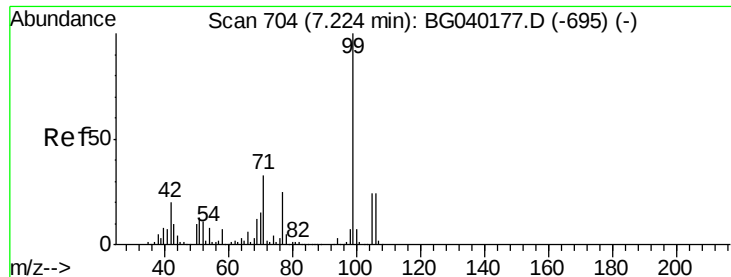
2-Fluorophenol
Concen: 101.411 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG040530.D
Acq: 17 Apr 2019 15:07

Tgt Ion:112 Resp: 350575
Ion Ratio Lower Upper
112 100
64 69.8 54.2 81.2
63 35.2 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: 84.312 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG040530.D

Acq: 17 Apr 2019 15:07

Instrument :

BNA_G

ClientSampleId :

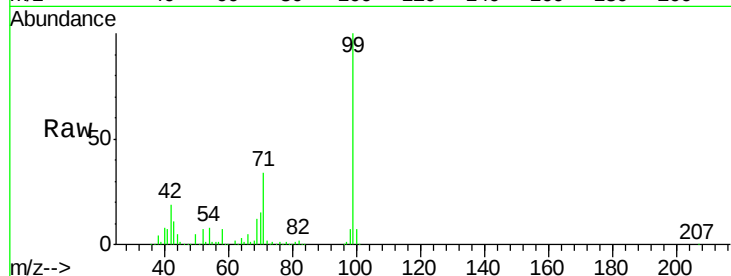
Tot Ion: 99 Resp: 402807

Ion Ratio Lower Upper

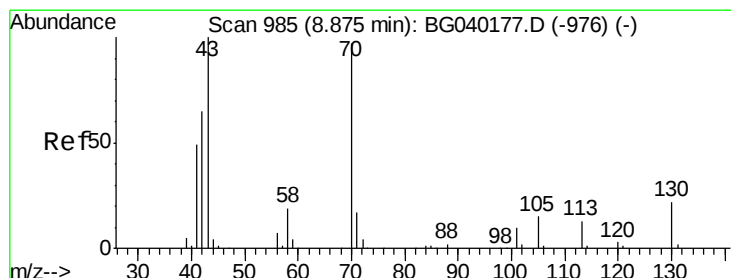
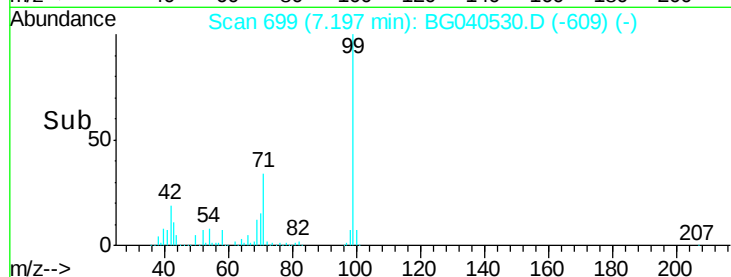
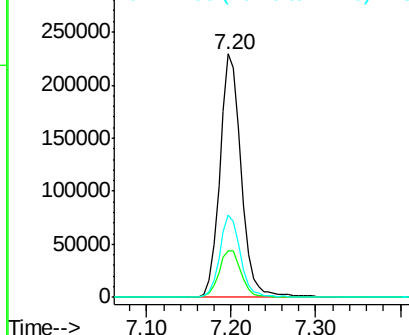
99 100

42 19.3 16.2 24.2

71 34.1 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: 12.994 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.37 min

Lab File: BG040530.D

Acq: 17 Apr 2019 15:07

Tgt Ion: 70 Resp: 44509

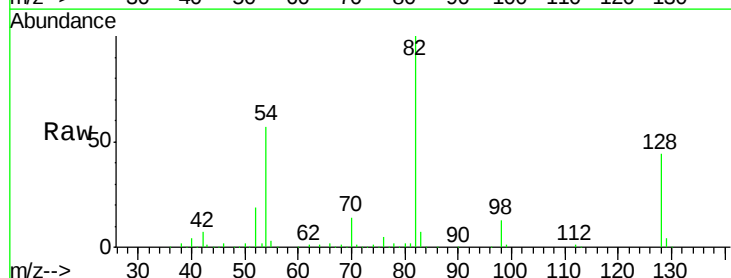
Ion Ratio Lower Upper

70 100

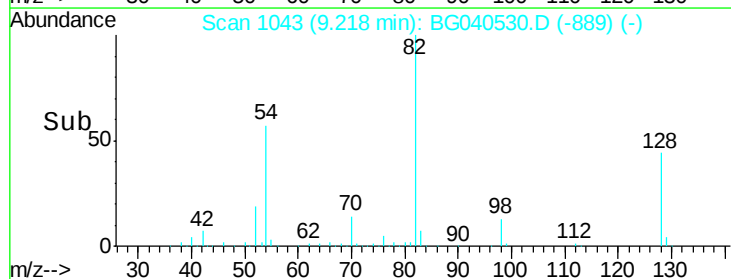
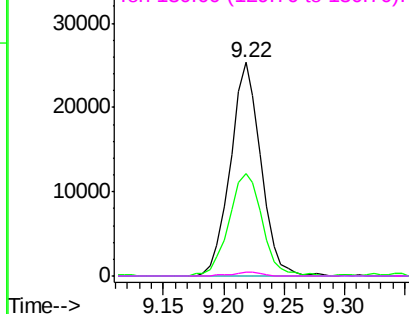
42 48.3 54.0 81.0#

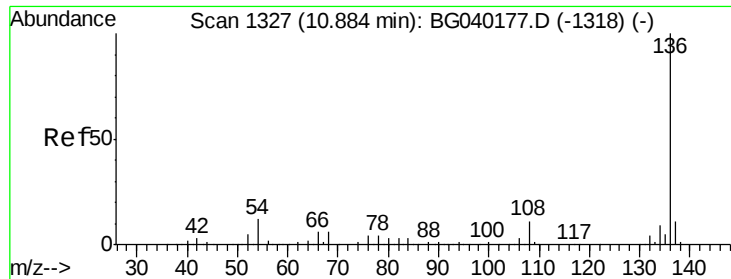
101 0.0 8.6 13.0#

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

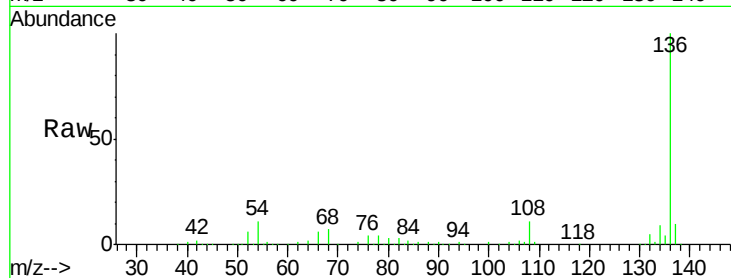




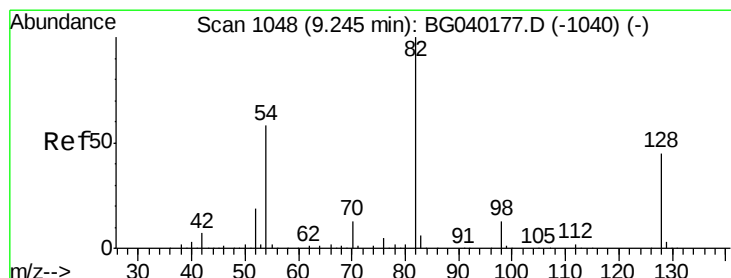
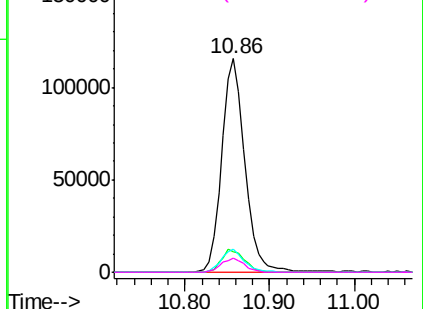
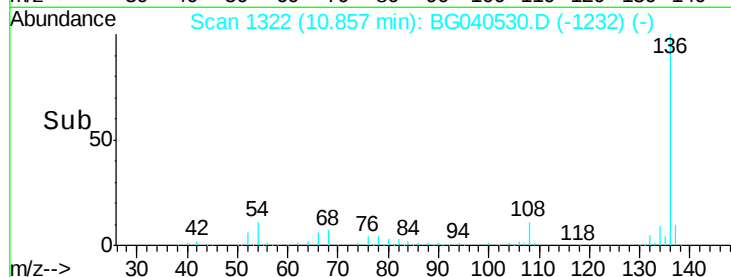
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG040530.D
Acq: 17 Apr 2019 15:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	219005
Ion	Ratio	Lower Upper
136	100	
137	9.8	8.9 13.3
54	11.0	9.6 14.4
68	6.9	5.1 7.7

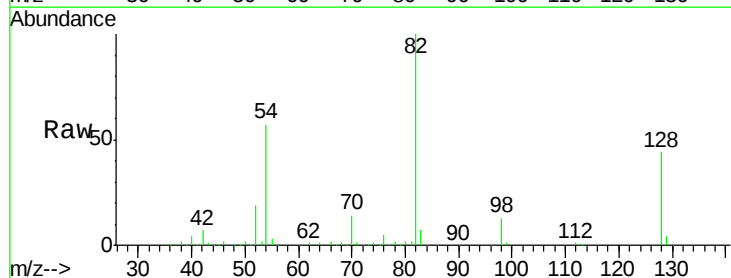


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

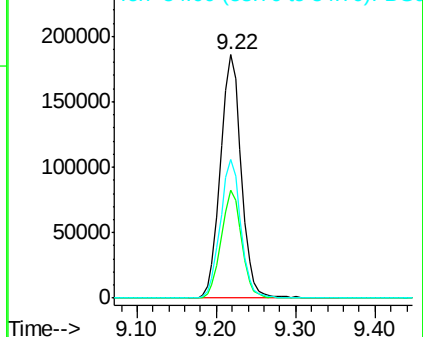
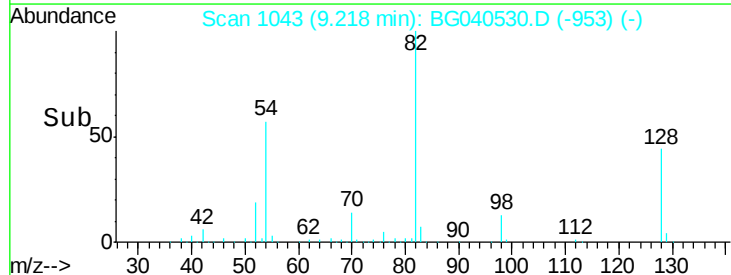


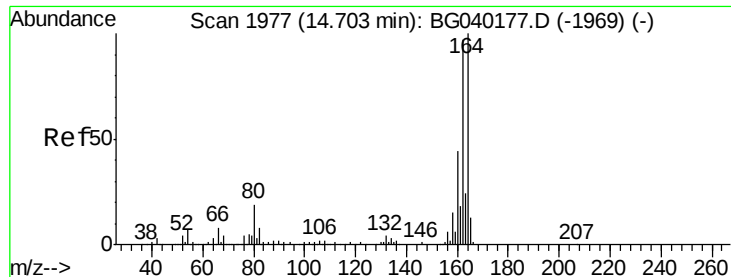
#23
Nitrobenzene-d5
Concen: 82.354 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG040530.D
Acq: 17 Apr 2019 15:07

Tgt Ion: 82	Resp:	339320
Ion	Ratio	Lower Upper
82	100	
128	44.3	35.8 53.8
54	57.0	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

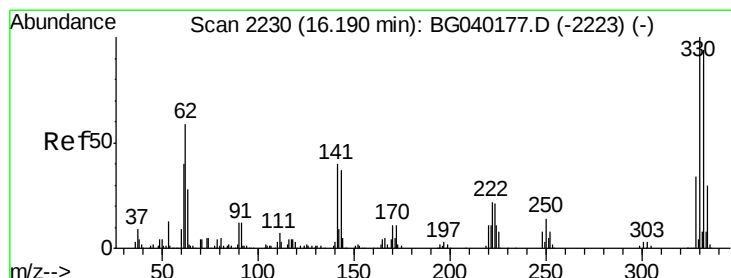
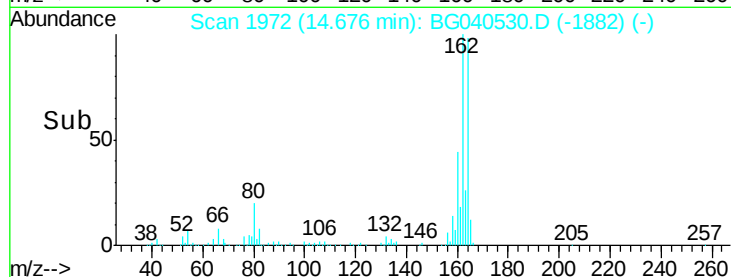
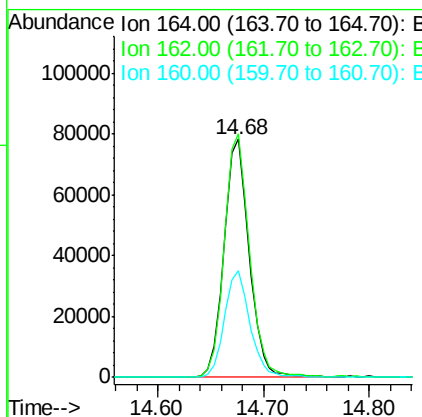
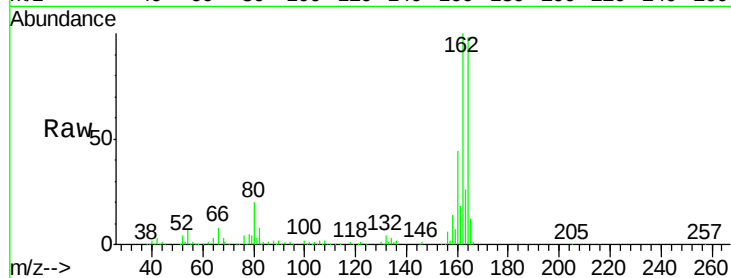




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG040530.D
Acq: 17 Apr 2019 15:07

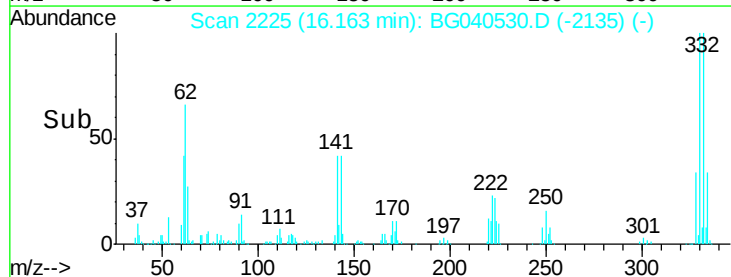
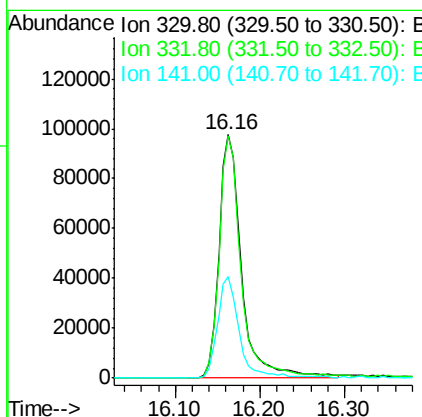
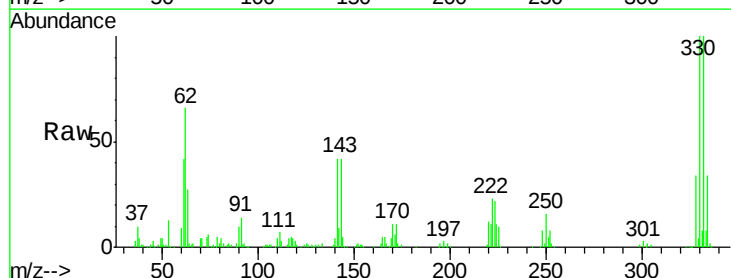
Instrument :
BNA_G
ClientSampleId :

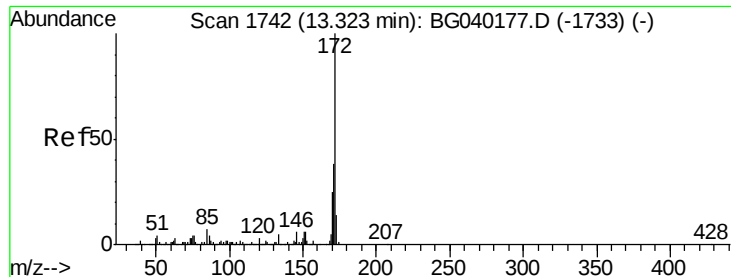
Tot Ion:164 Resp: 129807
Ion Ratio Lower Upper
164 100
162 102.2 77.4 116.2
160 45.0 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 130.213 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BG040530.D
Acq: 17 Apr 2019 15:07

Tgt Ion:330 Resp: 182673
Ion Ratio Lower Upper
330 100
332 97.3 76.6 115.0
141 40.2 32.6 48.8

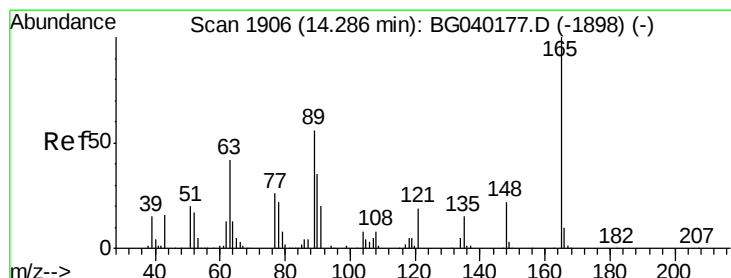
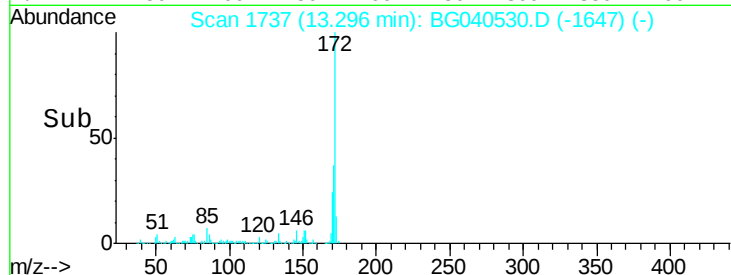
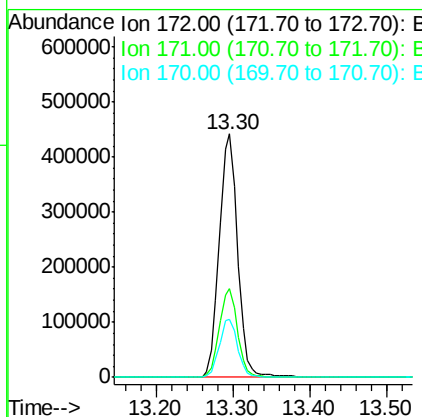
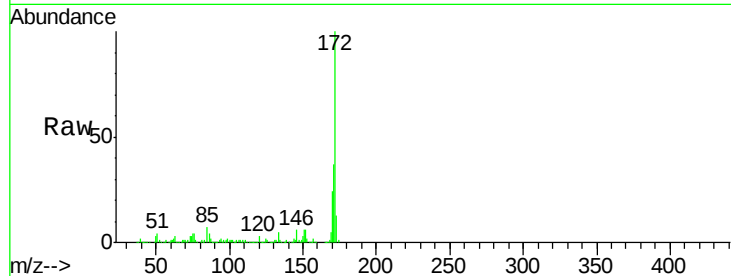




#45
2-Fluorobiphenyl
Concen: 83.369 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG040530.D
Acq: 17 Apr 2019 15:07

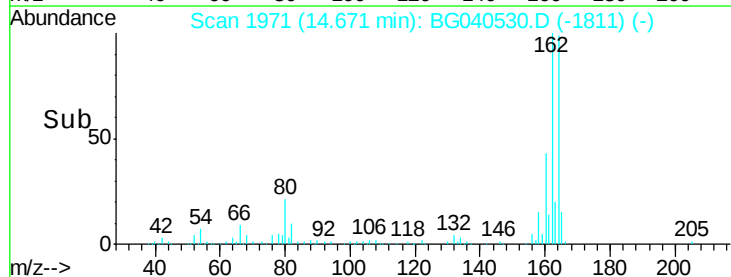
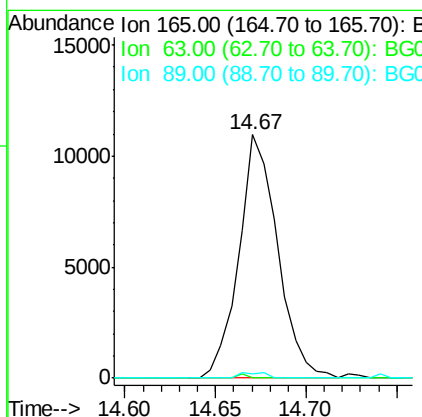
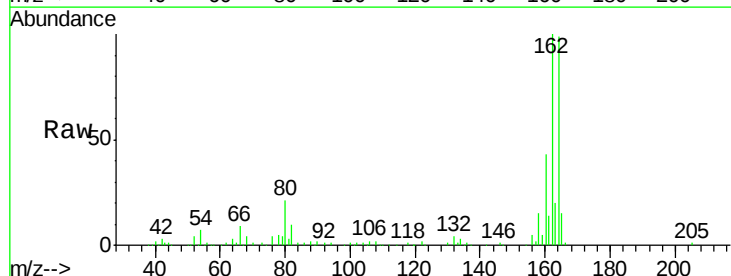
Instrument :
BNA_G
ClientSampled :

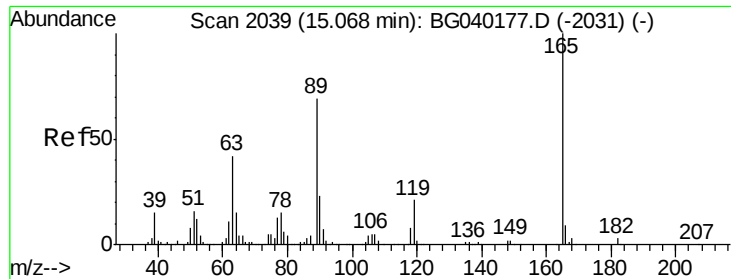
Tot Ion:172 Resp: 730341
Ion Ratio Lower Upper
172 100
171 36.7 30.5 45.7
170 24.0 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.114 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.41 min
Lab File: BG040530.D
Acq: 17 Apr 2019 15:07

Tgt Ion:165 Resp: 16227
Ion Ratio Lower Upper
165 100
63 0.0 44.1 66.1#
89 1.7 44.9 67.3#

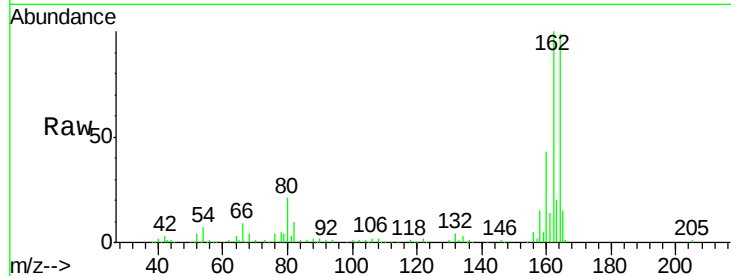




#57
 2,4-Dinitrotoluene
 Concen: 5.120 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.37 min
 Lab File: BG040530.D
 Acq: 17 Apr 2019 15:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.6#
89	1.7	55.4	83.2#
182	0.0	2.2	3.4#

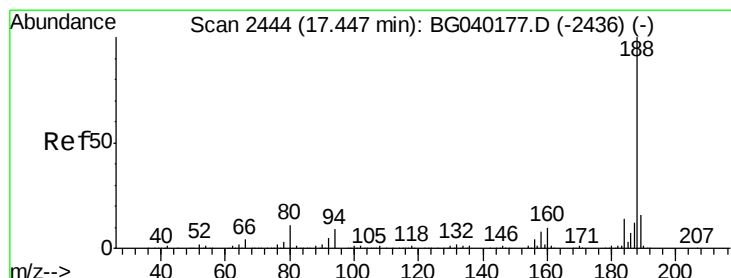
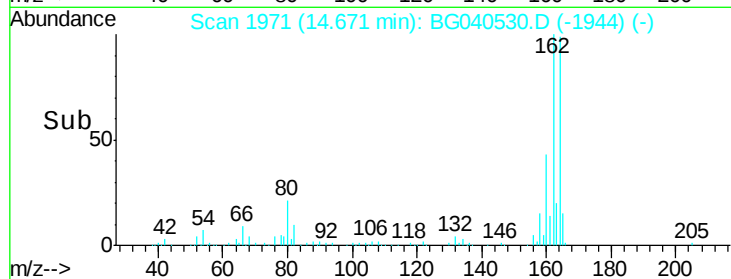
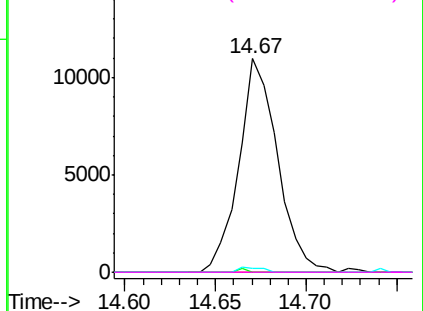


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

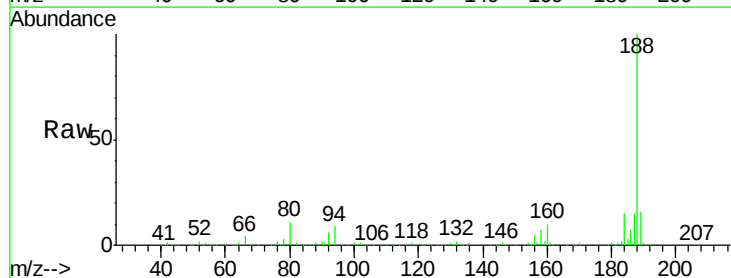
Ion 89.00 (88.70 to 89.70): BGC

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. -0.00 min
 Lab File: BG040530.D
 Acq: 17 Apr 2019 15:07

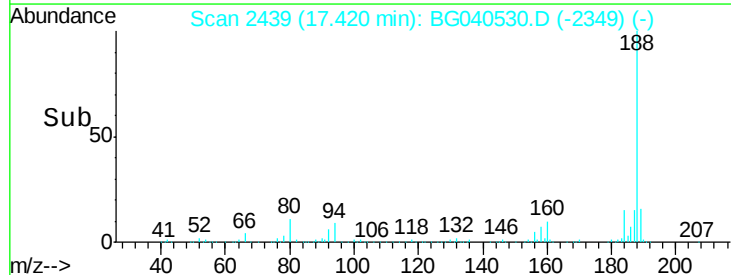
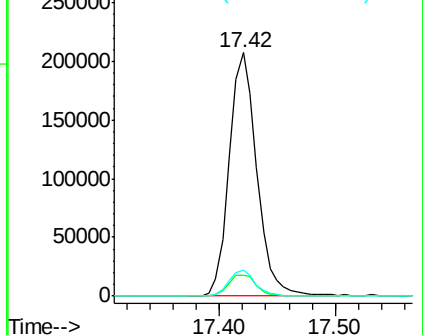
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.4
80	10.7	8.6	13.0

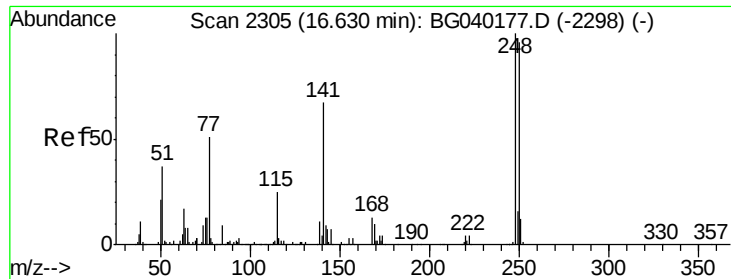


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

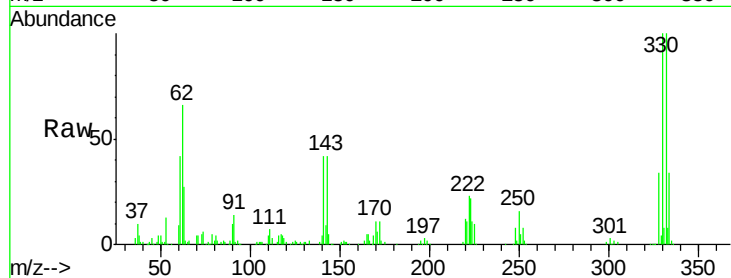




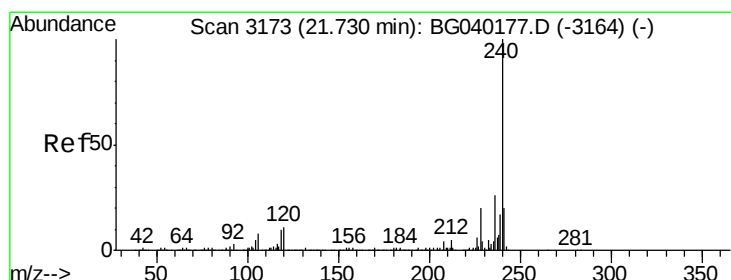
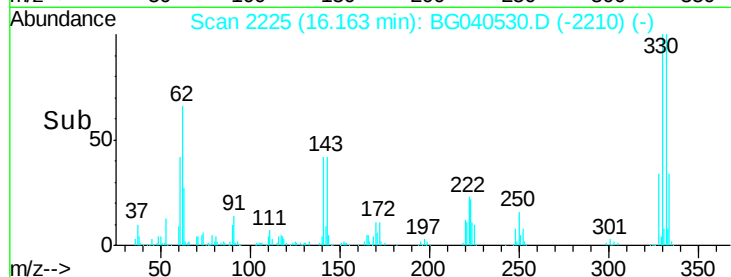
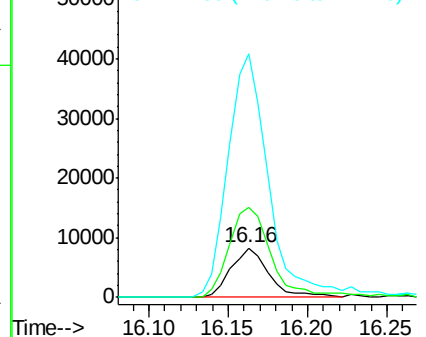
#67
 4-Bromophenyl-phenylether
 Concen: 3.551 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.44 min
 Lab File: BG040530.D
 Acq: 17 Apr 2019 15:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 13758
 Ion Ratio Lower Upper
 248 100
 250 183.5 76.4 114.6#
 141 493.4 53.8 80.8#

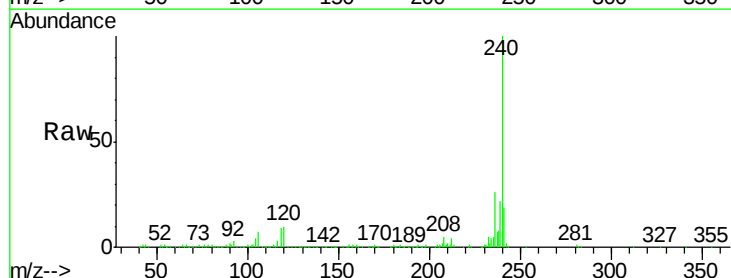


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

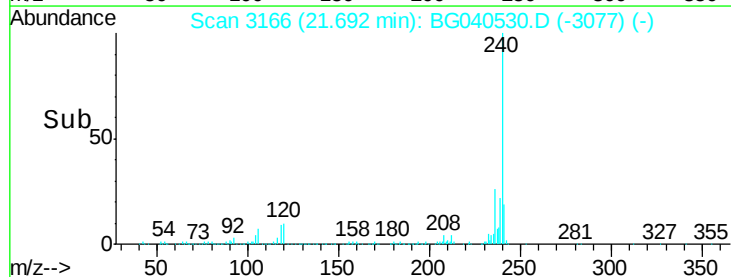
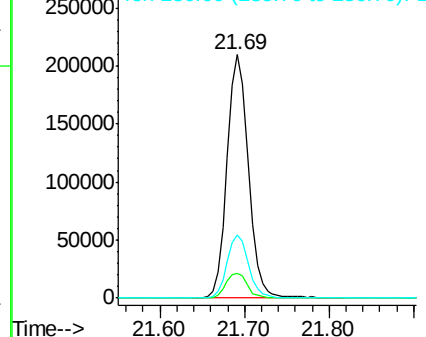


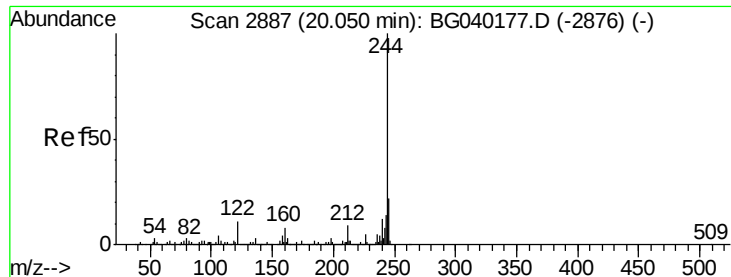
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG040530.D
 Acq: 17 Apr 2019 15:07

Tgt Ion:240 Resp: 367273
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.4 12.6
 236 25.7 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: 80.251 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG040530.D

Acq: 17 Apr 2019 15:07

Instrument :

BNA_G

ClientSampleId :

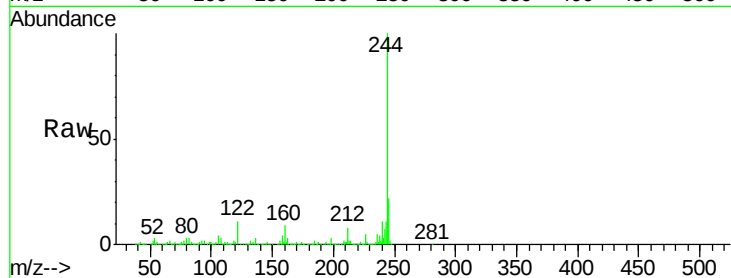
Tot Ion:244 Resp: 1310161

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

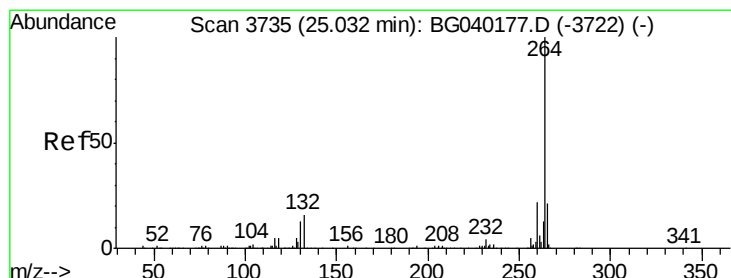
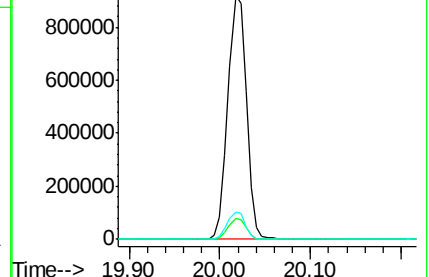
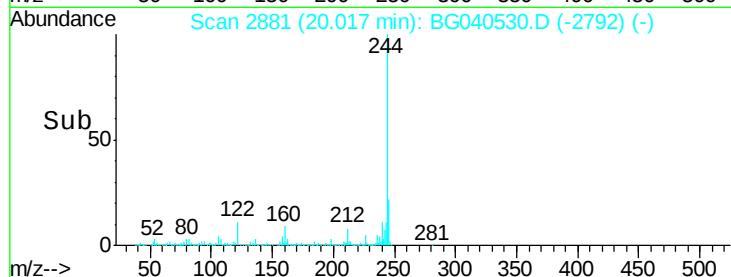
122 11.2 8.5 12.7



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: 24.96 min Scan# 3723

Delta R.T. -0.01 min

Lab File: BG040530.D

Acq: 17 Apr 2019 15:07

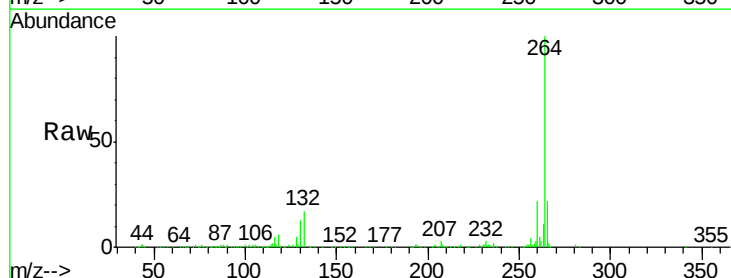
Tgt Ion:264 Resp: 395021

Ion Ratio Lower Upper

264 100

260 22.1 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

