

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
 Data File : BG040475.D
 Acq On : 13 Apr 2019 00:13
 Operator : JU/SJ
 Sample : K2311-14RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 13 00:52:29 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

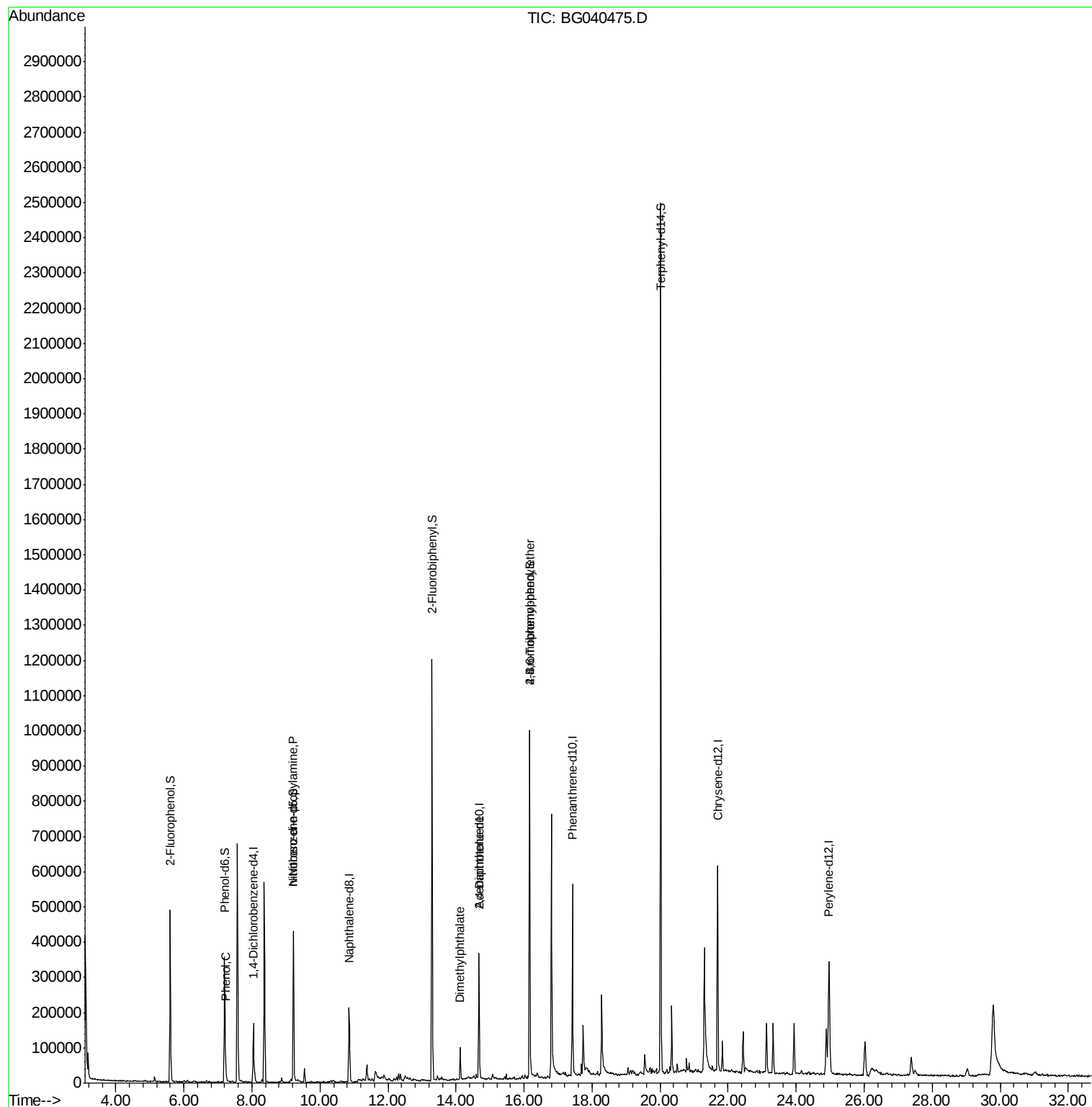
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	48738	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	196110	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	123902	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	330929	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	361018	20.00	ng	-0.04
87) Perylene-d12	24.96	264	361526	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	221060	75.40	ng	-0.02
7) Phenol-d6	7.20	99	226164	55.82	ng	-0.03
23) Nitrobenzene-d5	9.22	82	282024	76.44	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	181035	135.20	ng	-0.03
45) 2-Fluorobiphenyl	13.29	172	657131	78.59	ng	-0.03
79) Terphenyl-d14	20.02	244	1186085	73.91	ng	-0.03
Target Compounds						
10) Phenol	7.23	94	13665	3.107	ng	85
19) n-Nitroso-di-n-propylamine	9.22	70	36743	12.648	ng	# 68
50) Dimethylphthalate	14.12	163	65515	6.756	ng	97
57) 2,4-Dinitrotoluene	14.68	165	16240	5.368	ng	# 26
67) 4-Bromophenyl-phenylether	16.16	248	14202	3.814	ng	# 1

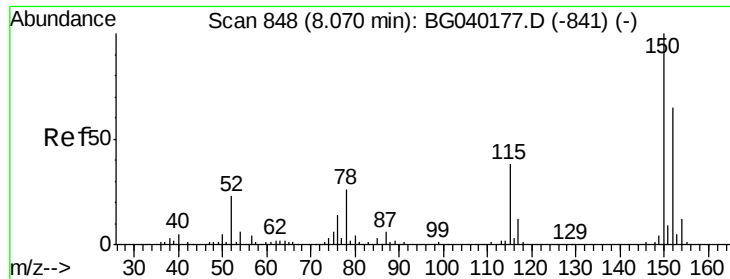
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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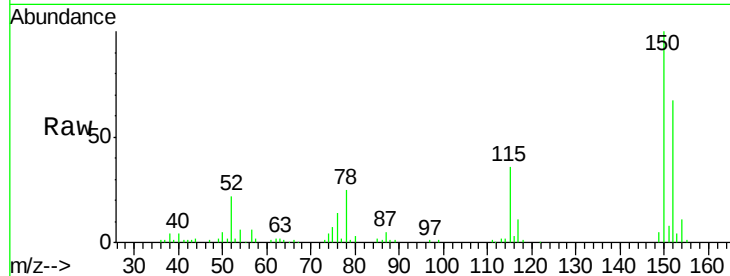


#1

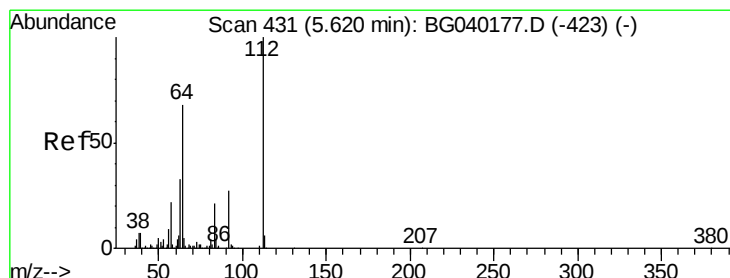
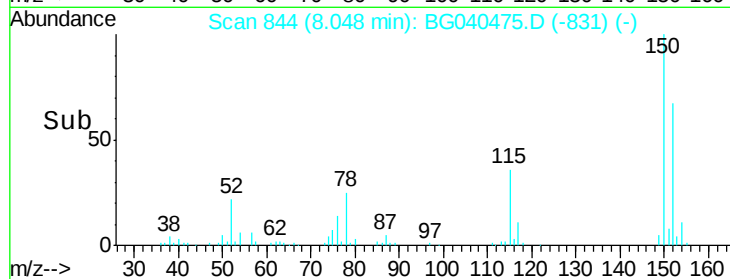
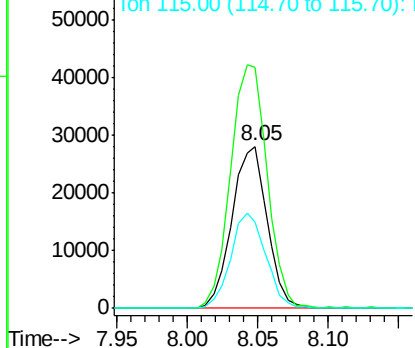
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040475.D
Acq: 13 Apr 2019 00:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 48738
Ion Ratio Lower Upper
152 100
150 148.7 123.7 185.5
115 53.1 46.9 70.3



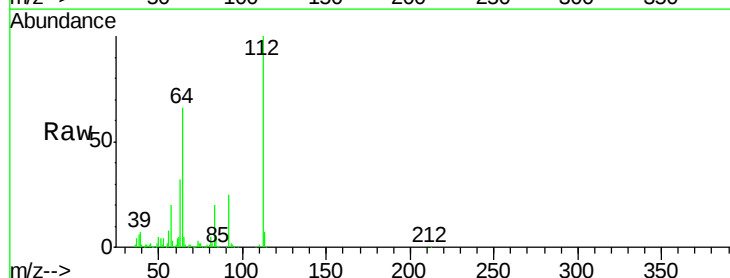
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



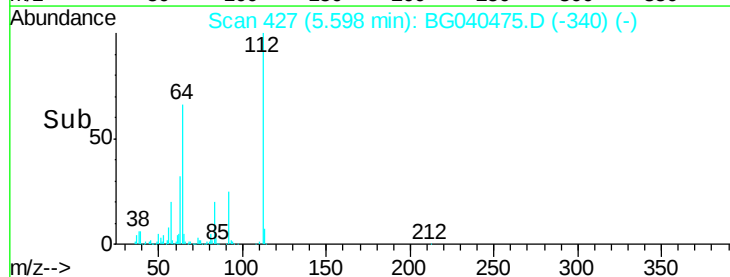
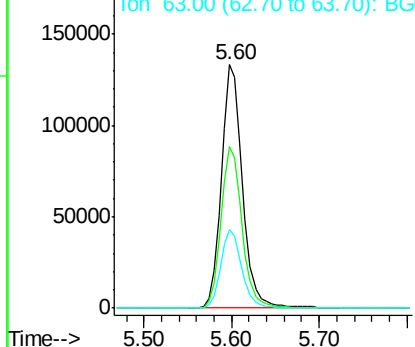
#5

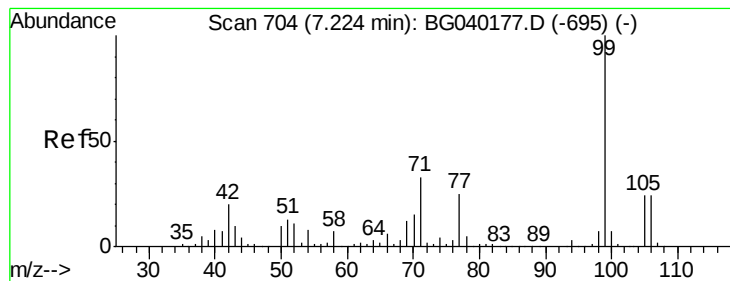
2-Fluorophenol
Concen: 75.402 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.02 min
Lab File: BG040475.D
Acq: 13 Apr 2019 00:13

Tgt Ion:112 Resp: 221060
Ion Ratio Lower Upper
112 100
64 66.3 54.2 81.2
63 32.3 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: 55.819 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.03 min

Lab File: BG040475.D

Acq: 13 Apr 2019 00:13

Instrument :

BNA_G

ClientSampleId :

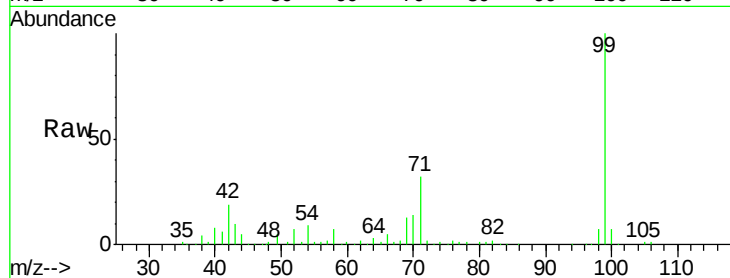
Tot Ion: 99 Resp: 226164

Ion Ratio Lower Upper

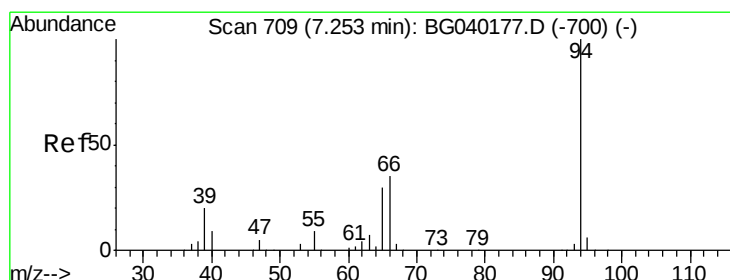
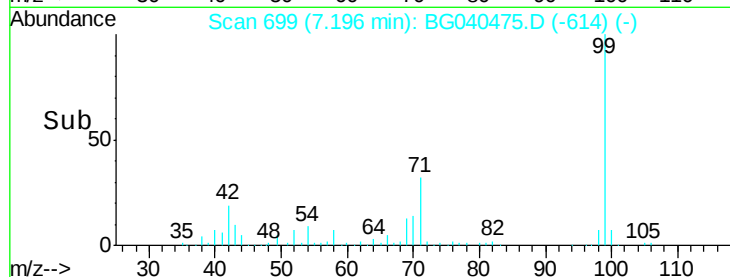
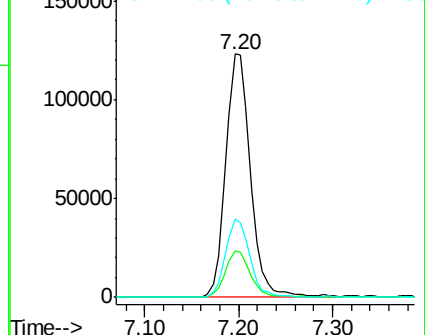
99 100

42 18.9 16.2 24.2

71 32.1 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



#10

Phenol

Concen: 3.107 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.03 min

Lab File: BG040475.D

Acq: 13 Apr 2019 00:13

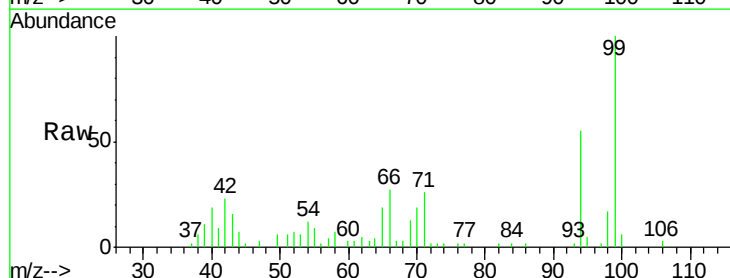
Tgt Ion: 94 Resp: 13665

Ion Ratio Lower Upper

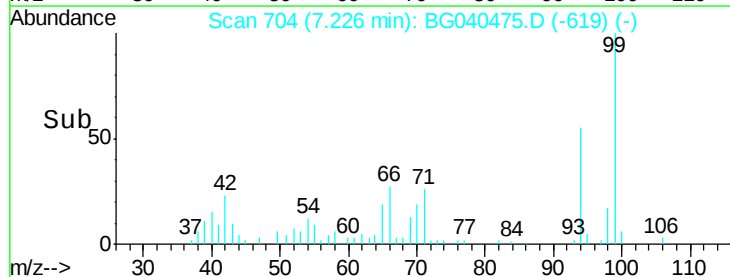
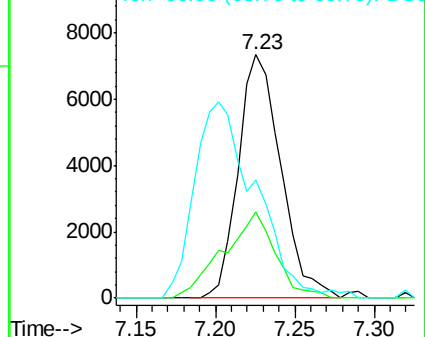
94 100

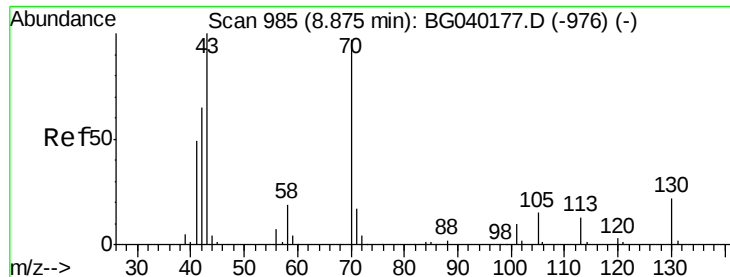
65 35.3 10.5 50.5

66 48.7 16.9 56.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

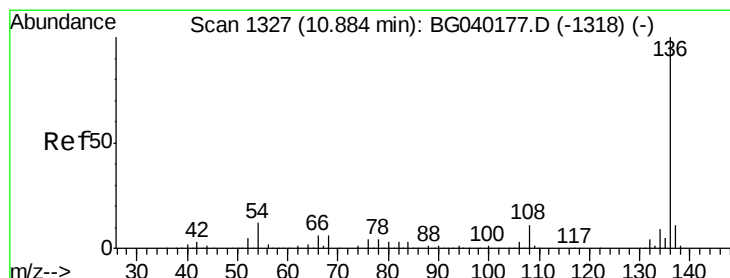
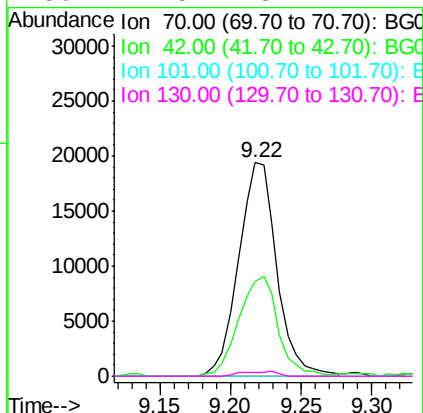
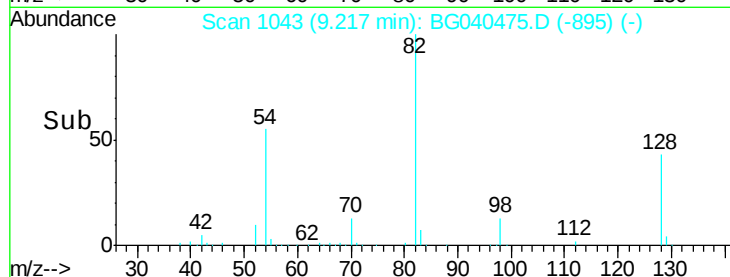
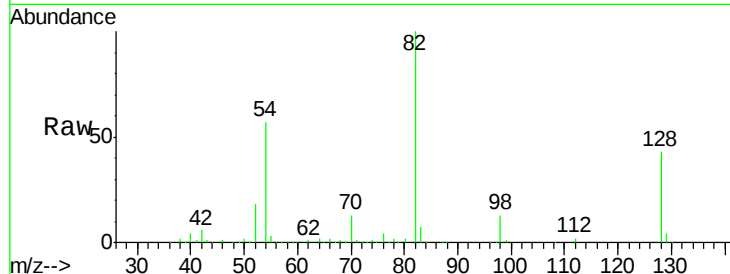




#19
n-Nitroso-di-n-propylamine
Concen: 12.648 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.34 min
Lab File: BG040475.D
Acq: 13 Apr 2019 00:13

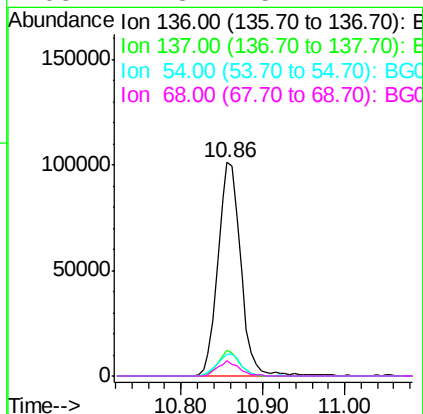
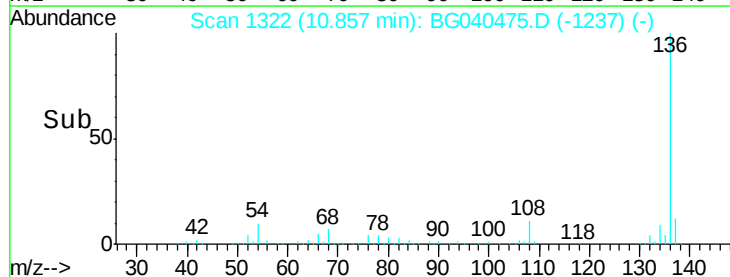
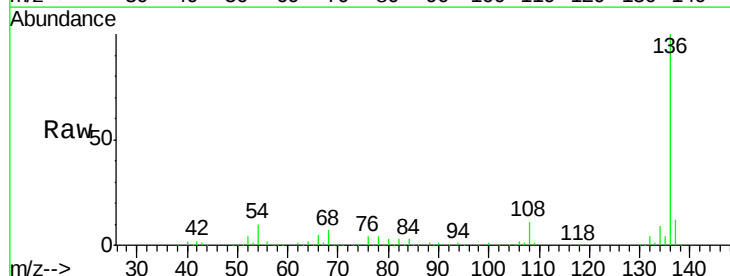
Instrument :
BNA_G
ClientSampleId :

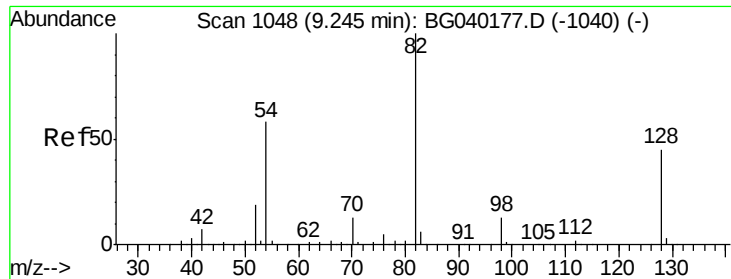
Tot Ion: 70 Resp: 36743
Ion Ratio Lower Upper
70 100
42 44.5 54.0 81.0#
101 0.0 8.6 13.0#
130 1.5 18.2 27.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040475.D
Acq: 13 Apr 2019 00:13

Tgt Ion: 136 Resp: 196110
Ion Ratio Lower Upper
136 100
137 11.9 8.9 13.3
54 10.0 9.6 14.4
68 7.3 5.1 7.7

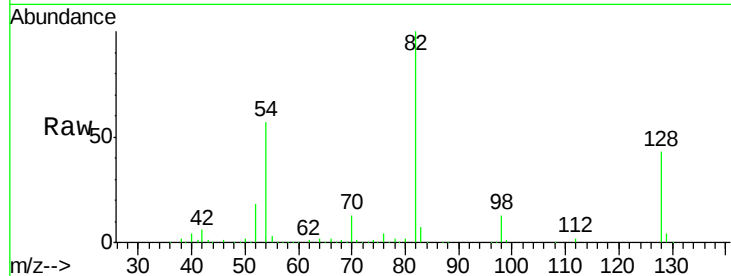




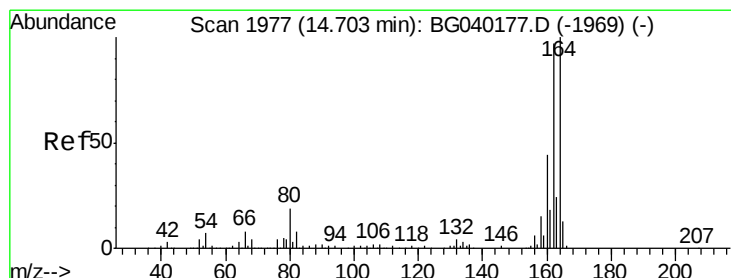
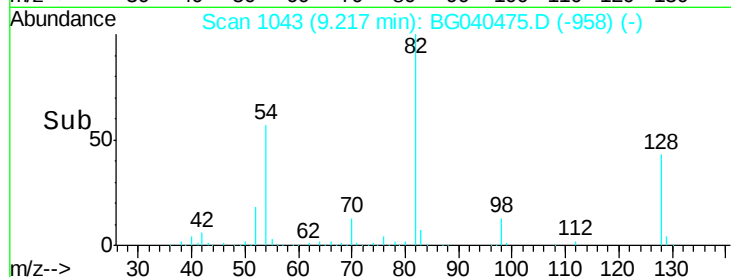
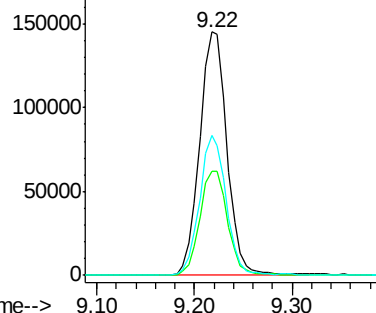
#23
Nitrobenzene-d5
Concen: 76.439 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040475.D
Acq: 13 Apr 2019 00:13

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 282024
Ion Ratio Lower Upper
82 100
128 42.7 35.8 53.8
54 57.5 46.2 69.2

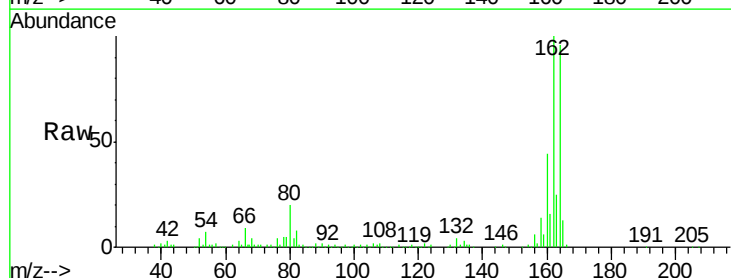


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

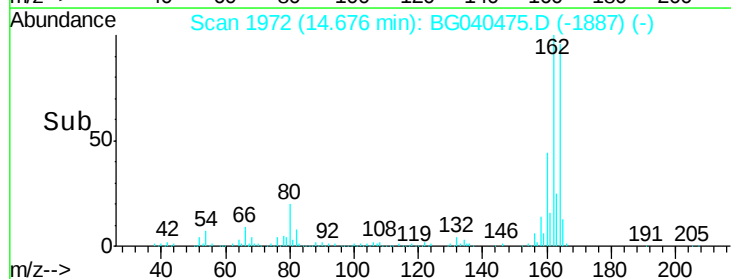
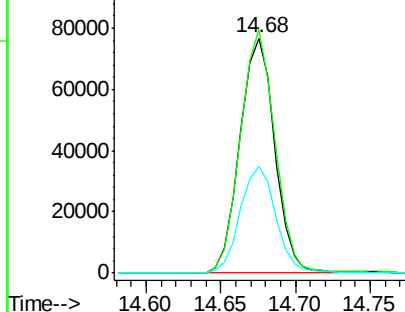


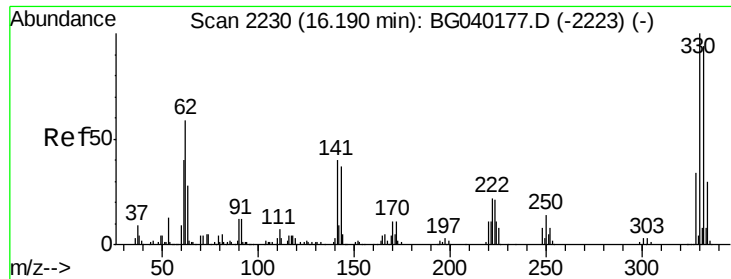
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040475.D
Acq: 13 Apr 2019 00:13

Tgt Ion:164 Resp: 123902
Ion Ratio Lower Upper
164 100
162 103.7 77.4 116.2
160 45.5 35.3 52.9



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

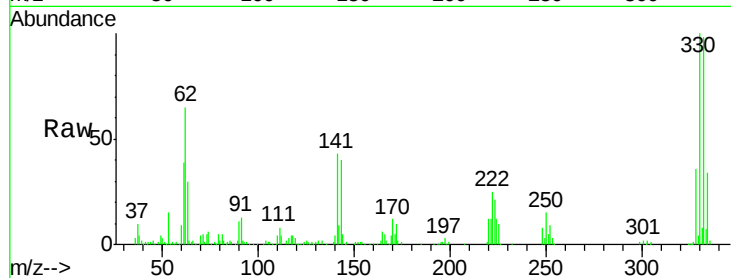




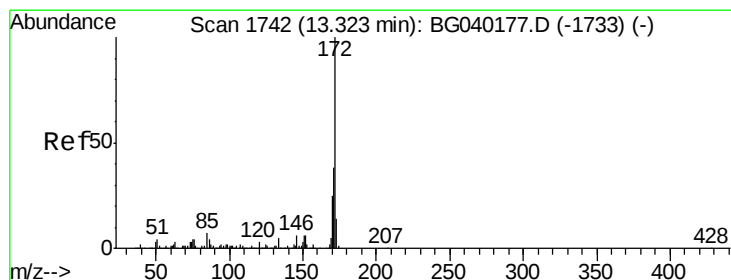
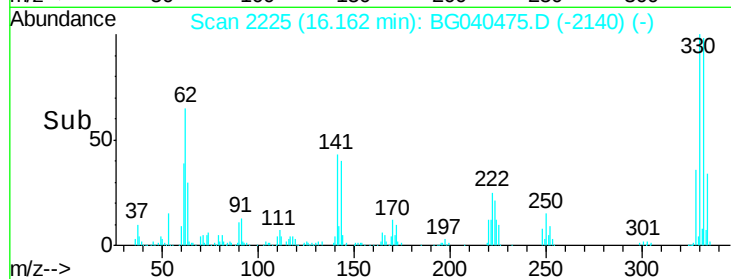
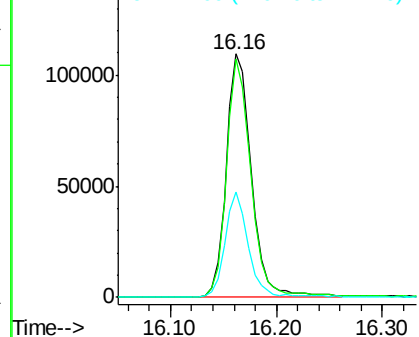
#42
 2,4,6-Tribromophenol
 Concen: 135.196 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.03 min
 Lab File: BG040475.D
 Acq: 13 Apr 2019 00:13

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	40.7	32.6	48.8

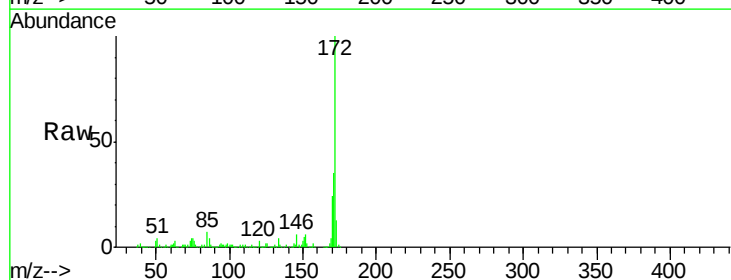


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

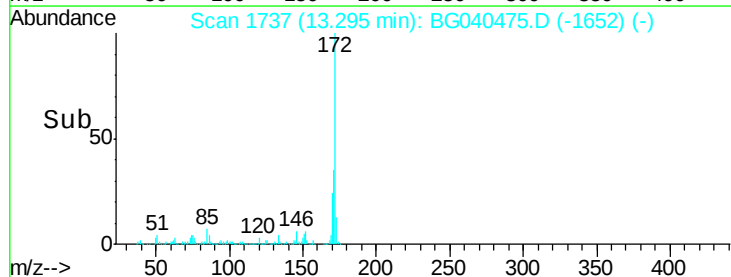
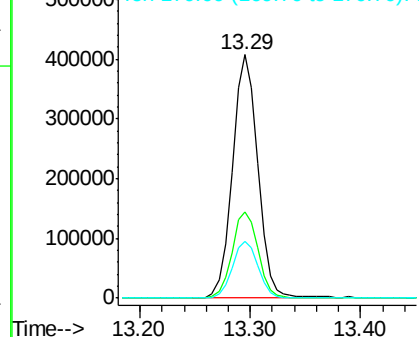


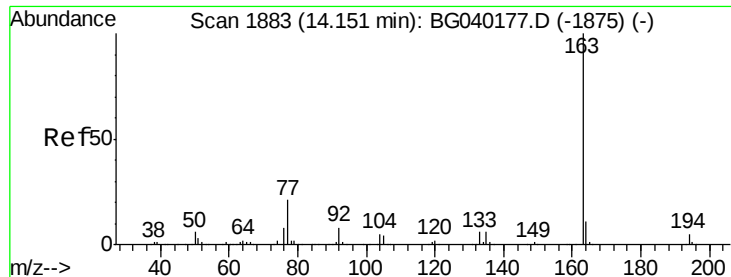
#45
 2-Fluorobiphenyl
 Concen: 78.587 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.03 min
 Lab File: BG040475.D
 Acq: 13 Apr 2019 00:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.5	45.7
170	23.6	20.1	30.1



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.756 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.03 min

Lab File: BG040475.D

Acq: 13 Apr 2019 00:13

Instrument :

BNA_G

ClientSampleId :

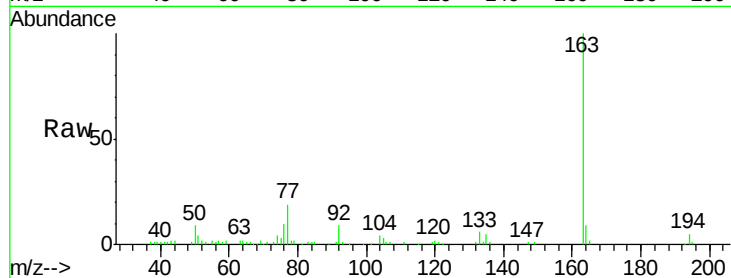
Tot Ion:163 Resp: 65515

Ion Ratio Lower Upper

163 100

194 5.2 4.1 6.1

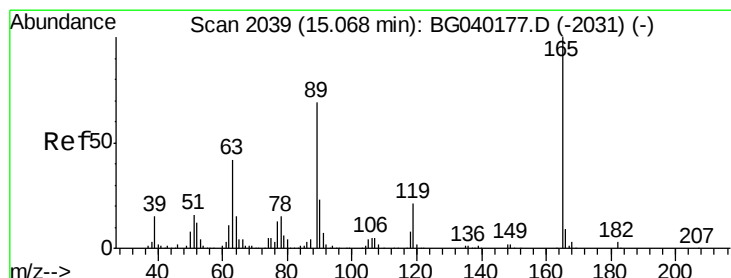
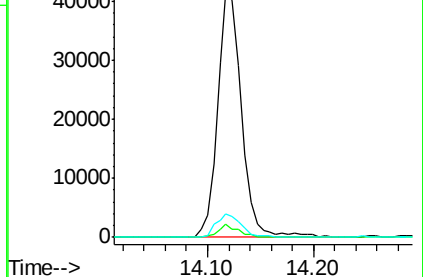
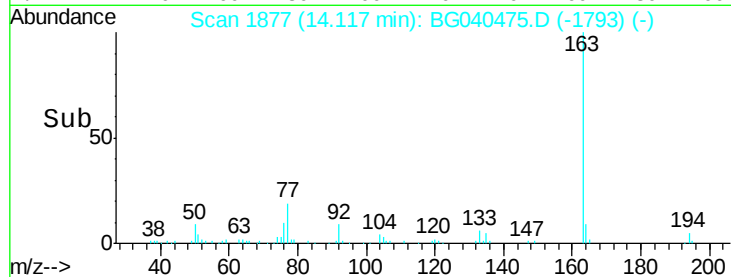
164 9.4 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 5.368 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.39 min

Lab File: BG040475.D

Acq: 13 Apr 2019 00:13

Tgt Ion:165 Resp: 16240

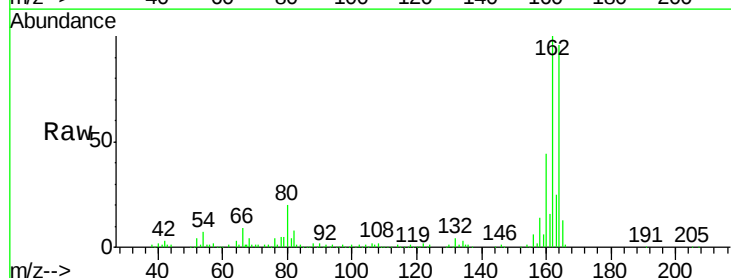
Ion Ratio Lower Upper

165 100

63 0.0 33.8 50.6#

89 2.5 55.4 83.2#

182 0.0 2.2 3.4#

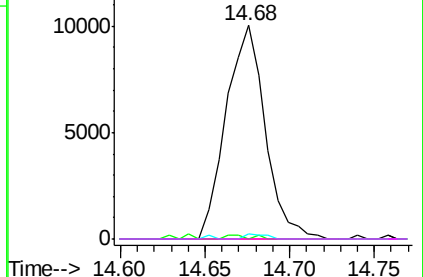
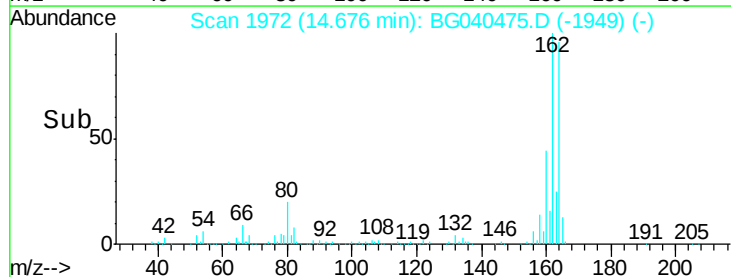


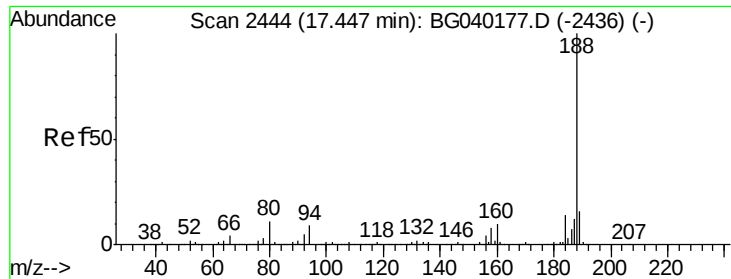
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

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: BG040475.D

Acq: 13 Apr 2019 00:13

Instrument :

BNA_G

ClientSampleId :

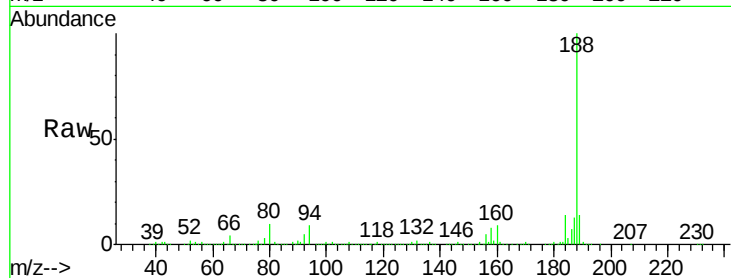
Tot Ion:188 Resp: 330929

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

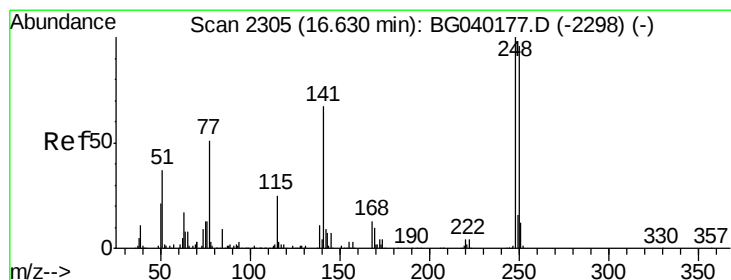
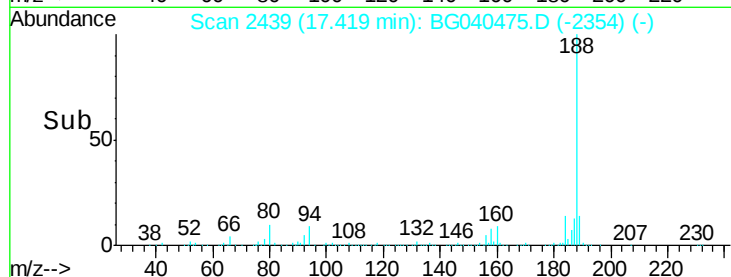
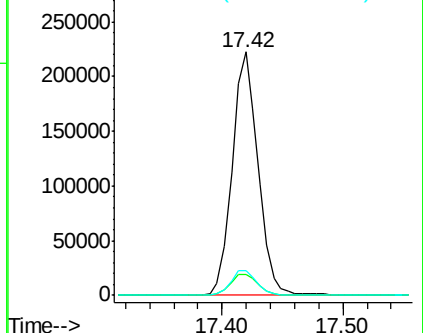
80 10.4 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#67

4-Bromophenyl-phenylether

Concen: 3.814 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.47 min

Lab File: BG040475.D

Acq: 13 Apr 2019 00:13

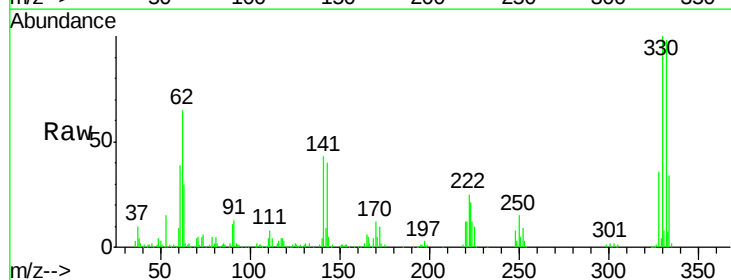
Tgt Ion:248 Resp: 14202

Ion Ratio Lower Upper

248 100

250 184.4 76.4 114.6#

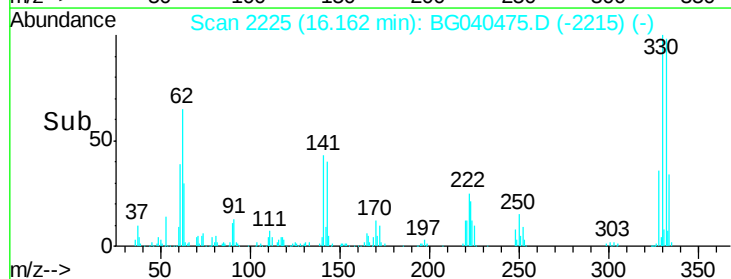
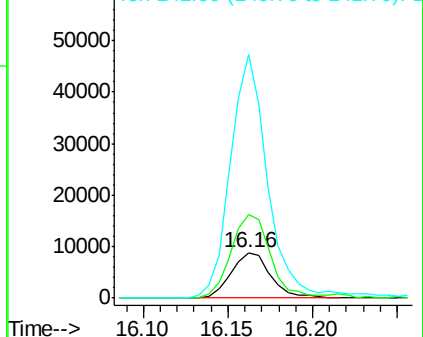
141 538.8 53.8 80.8#

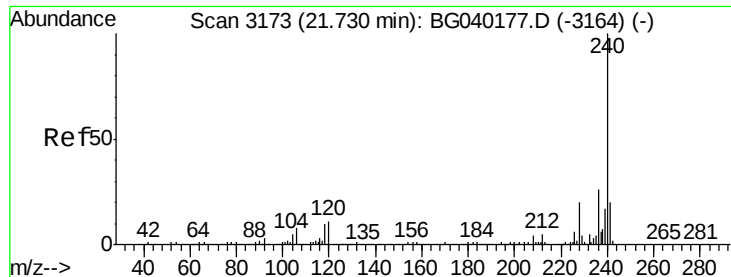


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG040475.D

Acq: 13 Apr 2019 00:13

Instrument :

BNA_G

ClientSampleId :

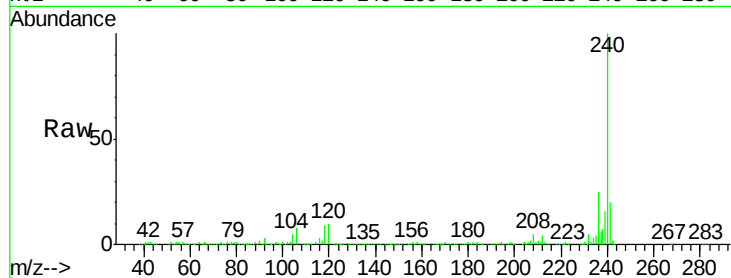
Tot Ion:240 Resp: 361018

Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

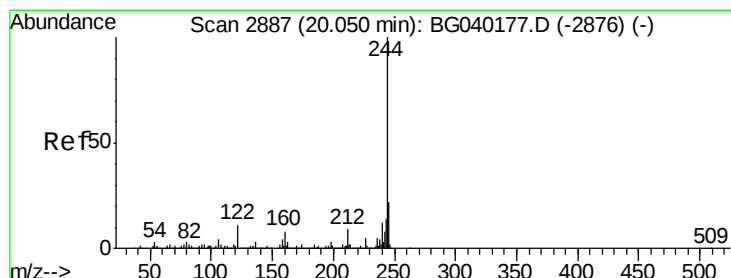
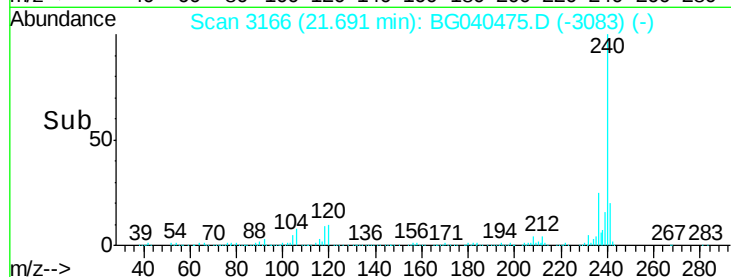
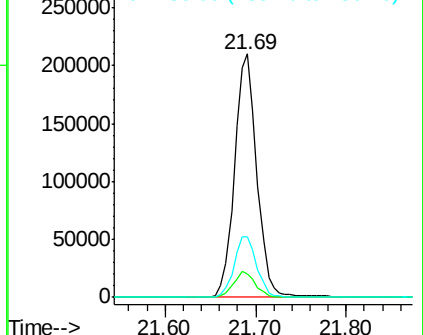
236 25.0 20.8 31.2



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: 73.910 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040475.D

Acq: 13 Apr 2019 00:13

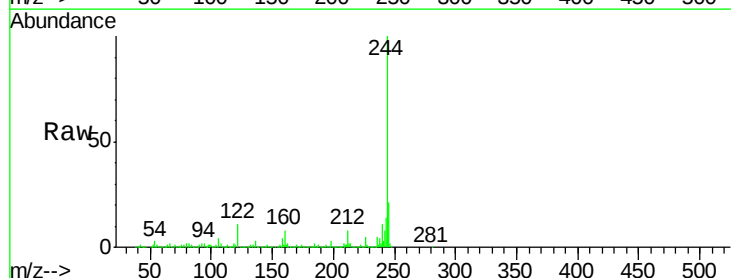
Tgt Ion:244 Resp: 1186085

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.6

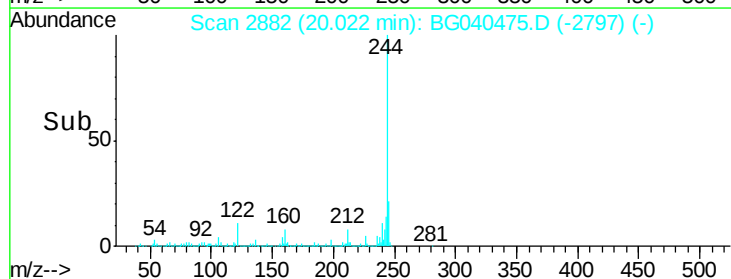
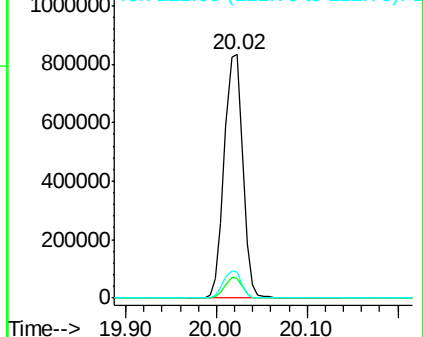
122 10.7 8.5 12.7

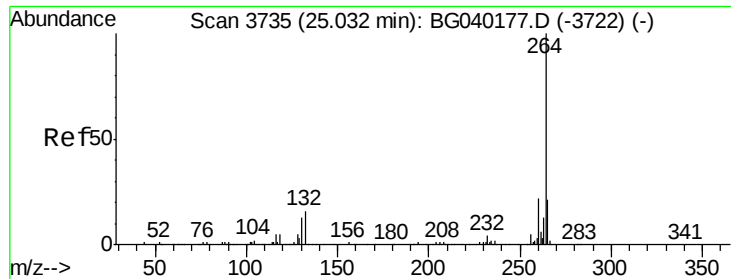


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.96 min Scan# 3723
Delta R.T. -0.07 min
Lab File: BG040475.D
Acq: 13 Apr 2019 00:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 361526
Ion Ratio Lower Upper
264 100
260 23.0 17.9 26.9
265 21.8 16.8 25.2

