

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062819\
 Data File : BG041520.D
 Acq On : 28 Jun 2019 19:48
 Operator : HP/JU
 Sample : K3580-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-14-COMP

Quant Time: Jun 29 01:50:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

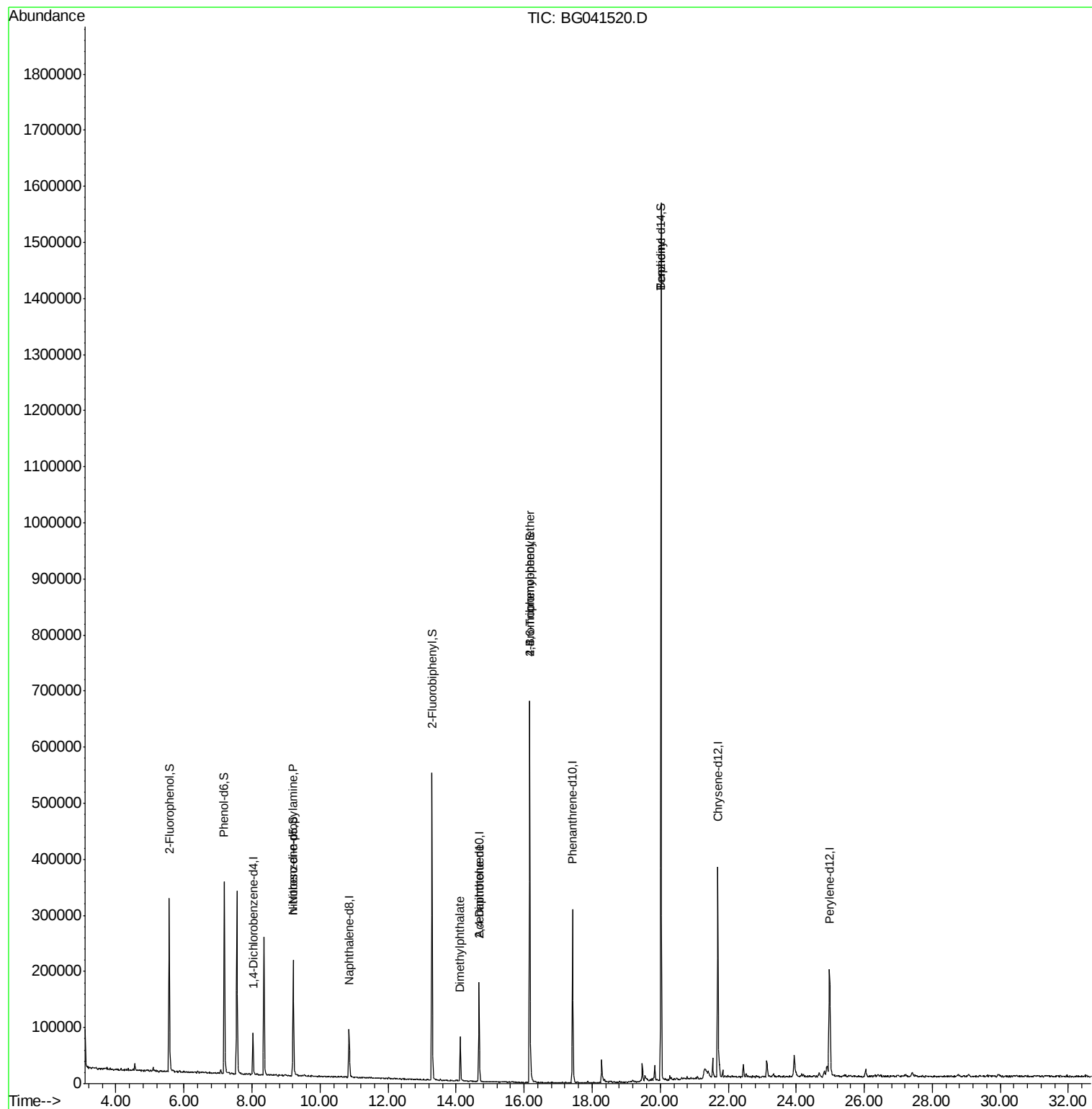
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	21188	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	76233	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	61334	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	204169	20.00	ng	0.00
76) Chrysene-d12	21.70	240	226873	20.00	ng	0.00
87) Perylene-d12	24.98	264	243013	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	126051	106.06	ng	0.00
7) Phenol-d6	7.18	99	184752	110.43	ng	0.00
23) Nitrobenzene-d5	9.21	82	132025	72.23	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	137375	131.18	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	287099	60.07	ng	0.00
79) Terphenyl-d14	20.03	244	761753	71.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	19203	15.388	ng	# 71
50) Dimethylphthalate	14.12	163	57415	10.287	ng	# 97
57) 2,4-Dinitrotoluene	14.67	165	7765	4.519	ng	# 20
67) 4-Bromophenyl-phenylether	16.17	248	9350	3.351	ng	# 1
77) Benzidine	20.03	184	13165	2.615	ng	# 91

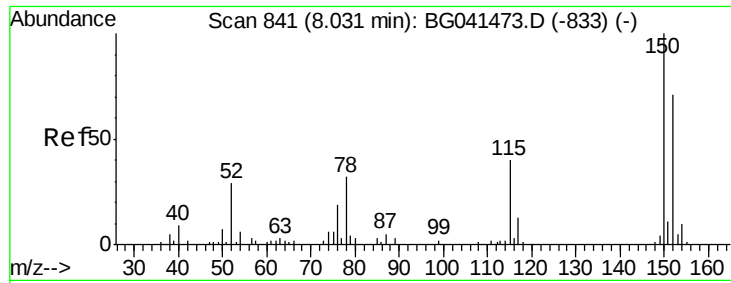
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062819\
Data File : BG041520.D
Acq On : 28 Jun 2019 19:48
Operator : HP/JU
Sample : K3580-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-14-COMP

Quant Time: Jun 29 01:50:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration



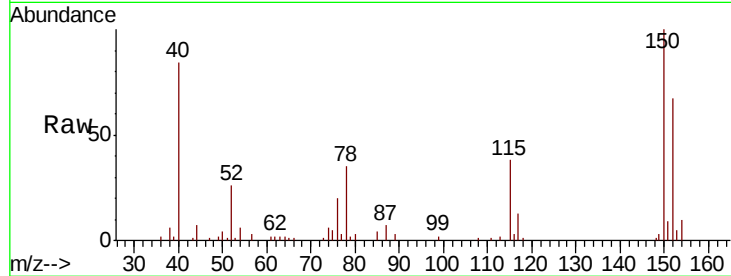


#1

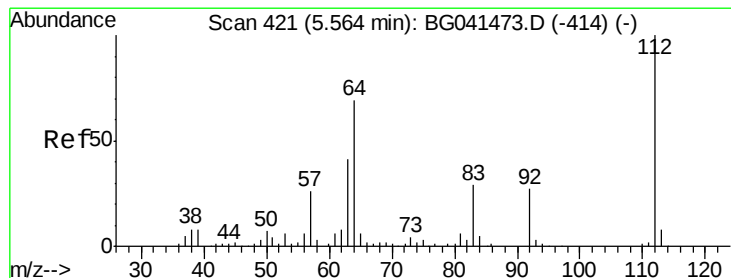
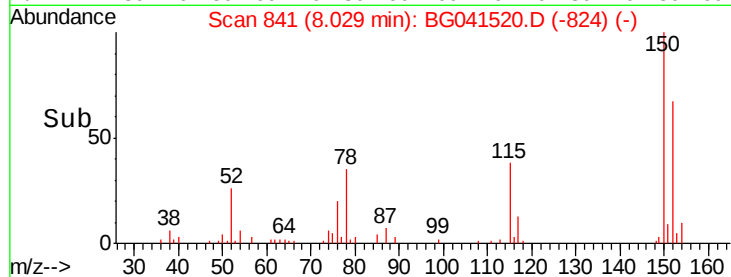
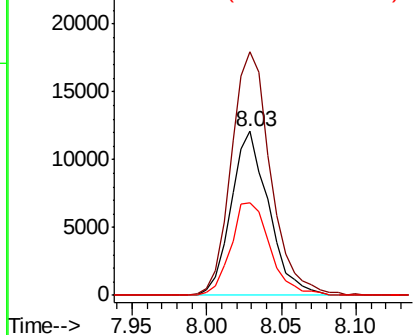
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041520.D
Acq: 28 Jun 2019 19:48

Instrument :
BNA_G
ClientSampleId :
SB-14-COMP

Tgt Ion:152 Resp: 21188
Ion Ratio Lower Upper
152 100
150 148.4 112.4 168.6
115 56.6 44.6 66.8



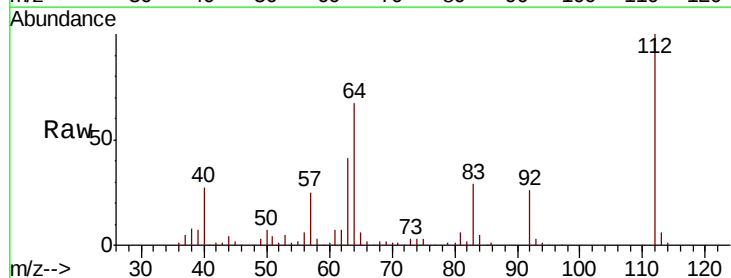
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



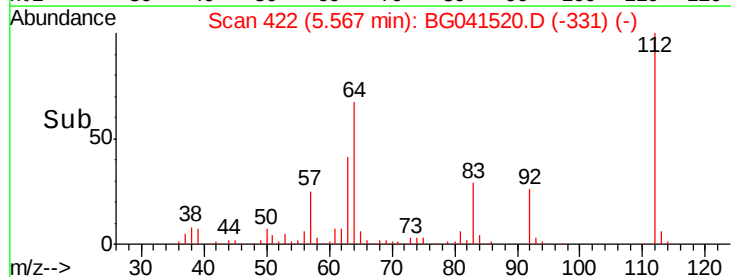
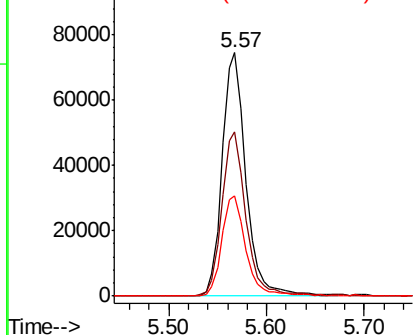
#5

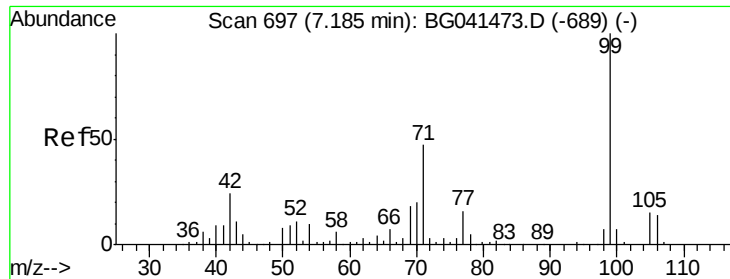
2-Fluorophenol
Concen: 106.065 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041520.D
Acq: 28 Jun 2019 19:48

Tgt Ion:112 Resp: 126051
Ion Ratio Lower Upper
112 100
64 67.2 55.1 82.7
63 41.1 32.4 48.6



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: 110.431 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG041520.D

Acq: 28 Jun 2019 19:48

Instrument :

BNA_G

ClientSampleId :

SB-14-COMP

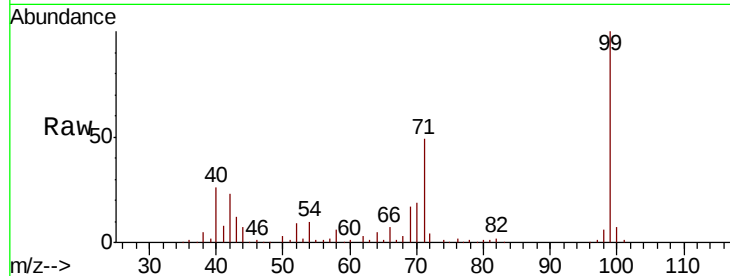
Tgt Ion: 99 Resp: 184752

Ion Ratio Lower Upper

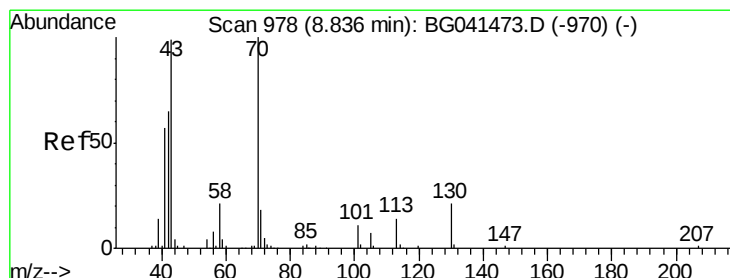
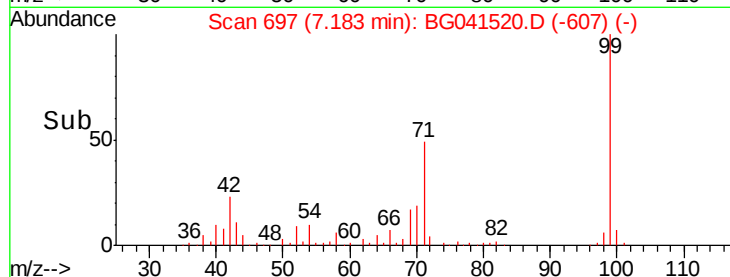
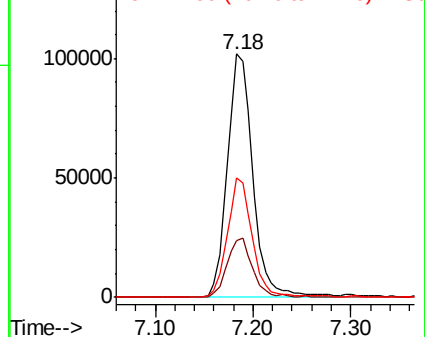
99 100

42 23.2 19.0 28.6

71 49.0 37.4 56.2



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: 15.388 ng

RT: 9.21 min Scan# 1042

Delta R.T. 0.37 min

Lab File: BG041520.D

Acq: 28 Jun 2019 19:48

Tgt Ion: 70 Resp: 19203

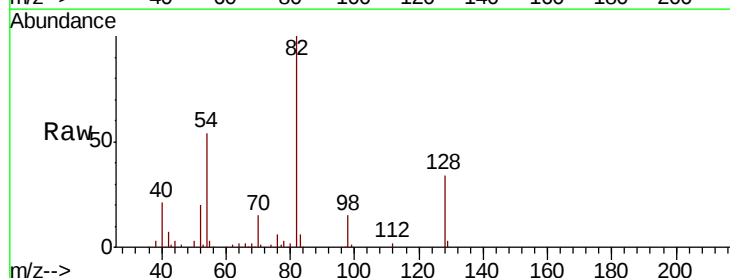
Ion Ratio Lower Upper

70 100

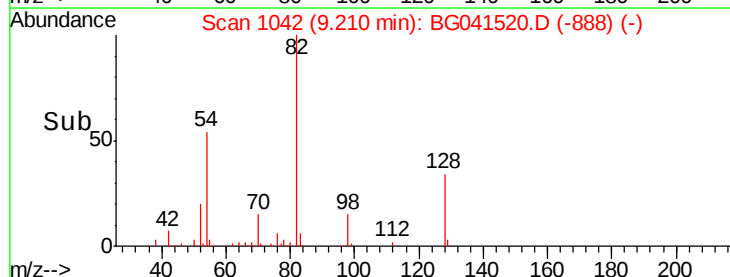
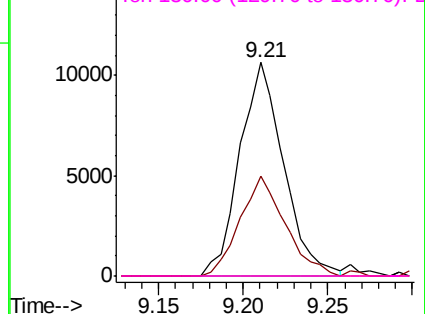
42 46.8 52.6 78.8#

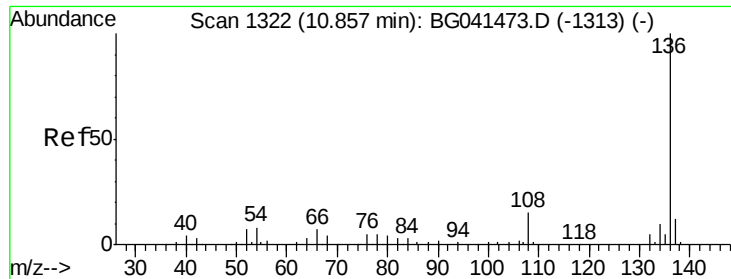
101 0.0 8.6 13.0#

130 0.0 16.6 25.0#



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

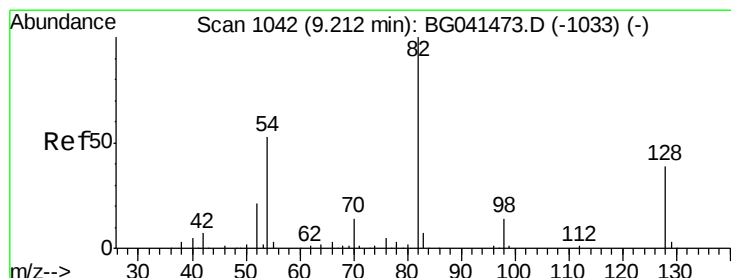
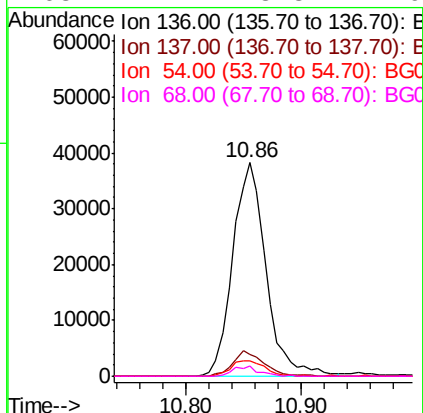
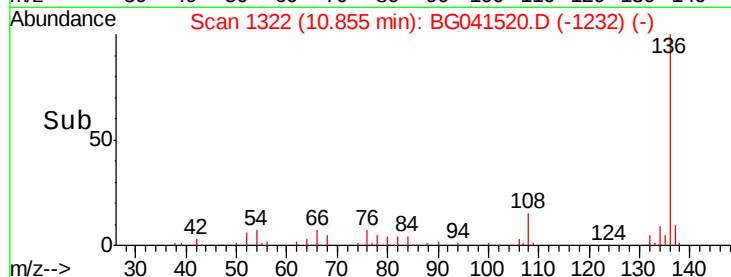
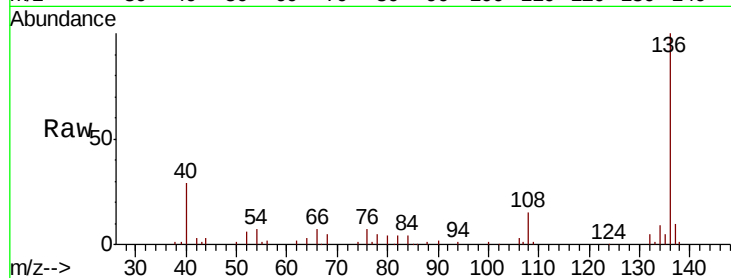




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041520.D
Acq: 28 Jun 2019 19:48

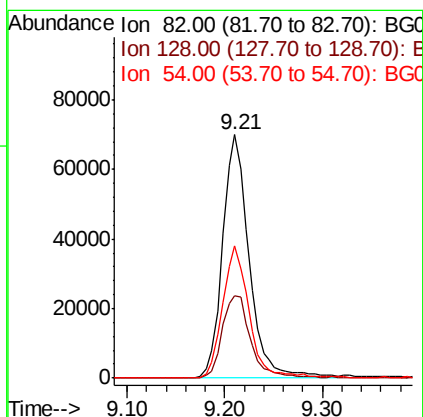
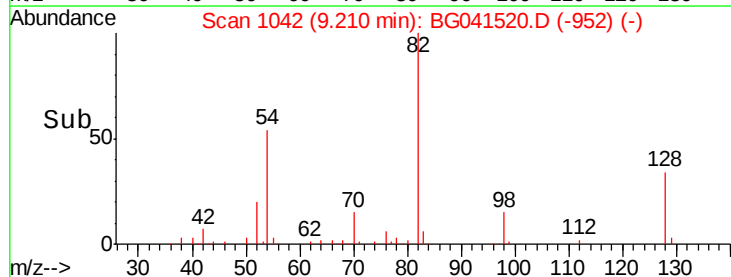
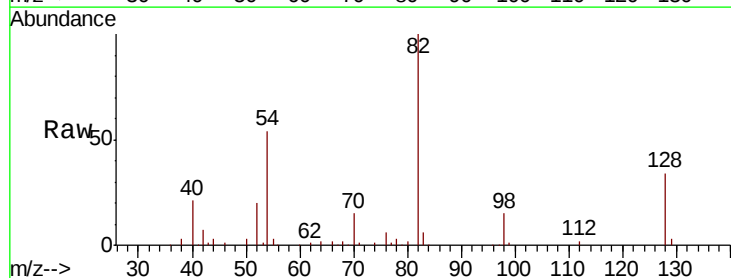
Instrument :
BNA_G
ClientSampleId :
SB-14-COMP

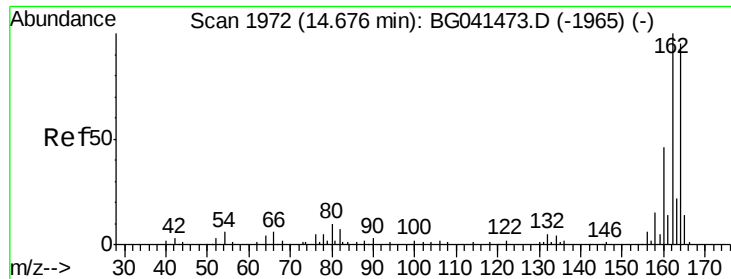
Tgt Ion: 136 Resp: 76233
Ion Ratio Lower Upper
136 100
137 10.5 9.3 13.9
54 6.9 7.1 10.7#
68 4.7 3.3 4.9



#23
Nitrobenzene-d5
Concen: 72.231 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041520.D
Acq: 28 Jun 2019 19:48

Tgt Ion: 82 Resp: 132025
Ion Ratio Lower Upper
82 100
128 33.8 30.9 46.3
54 54.2 42.2 63.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG041520.D

Acq: 28 Jun 2019 19:48

Instrument :

BNA_G

ClientSampleId :

SB-14-COMP

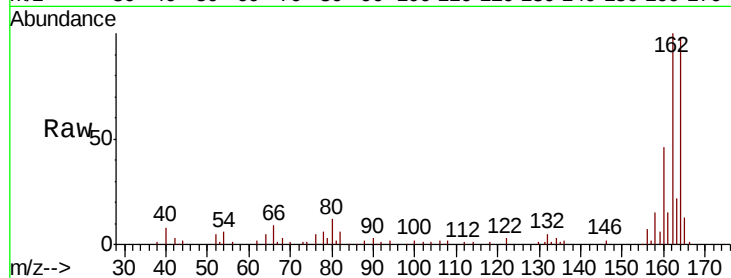
Tgt Ion:164 Resp: 61334

Ion Ratio Lower Upper

164 100

162 102.1 84.4 126.6

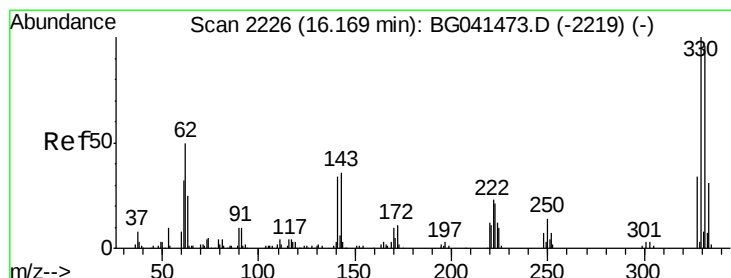
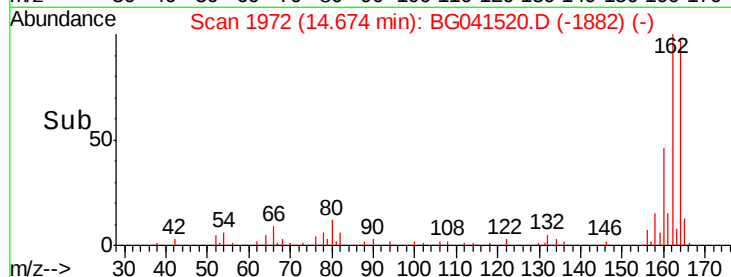
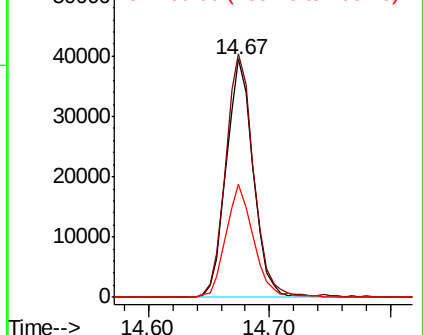
160 47.2 38.8 58.2



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: 131.178 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG041520.D

Acq: 28 Jun 2019 19:48

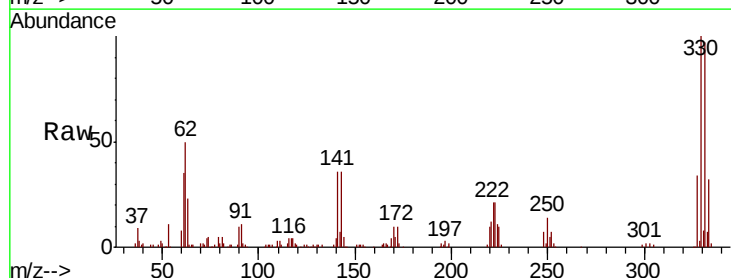
Tgt Ion:330 Resp: 137375

Ion Ratio Lower Upper

330 100

332 94.7 75.5 113.3

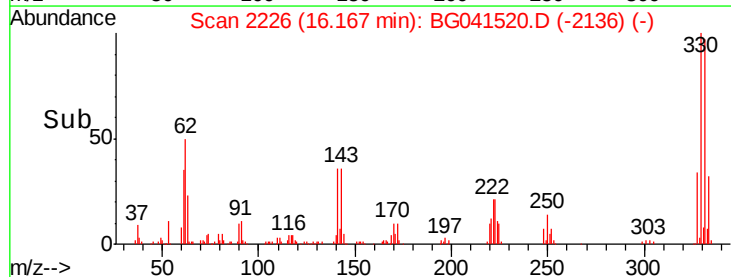
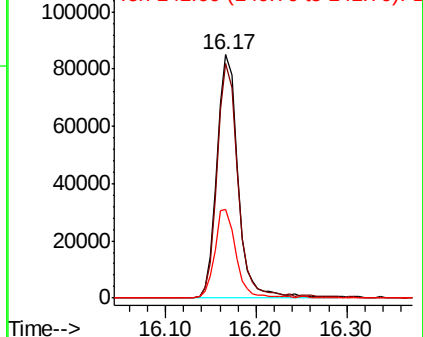
141 37.0 27.8 41.6

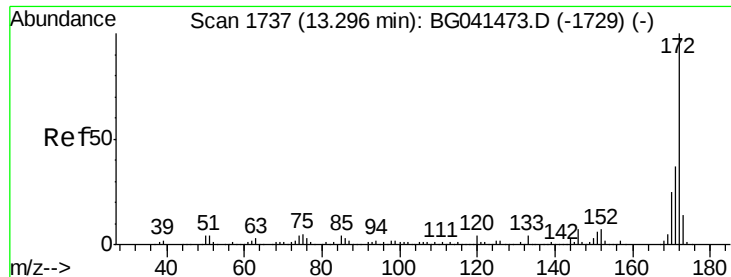


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

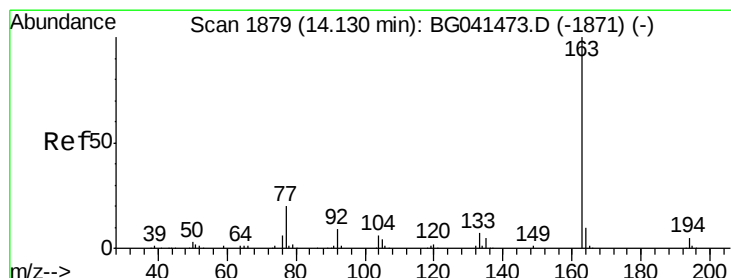
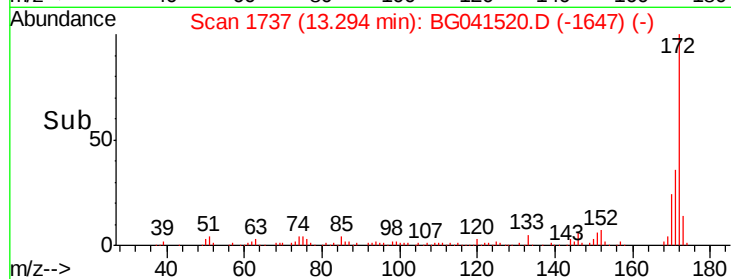
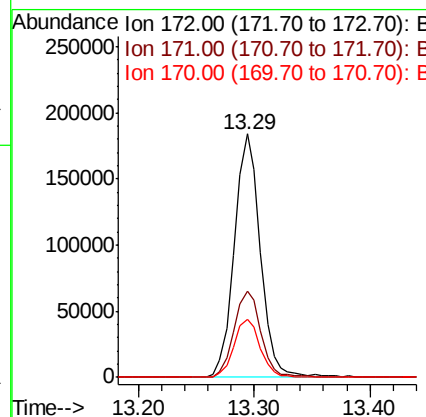
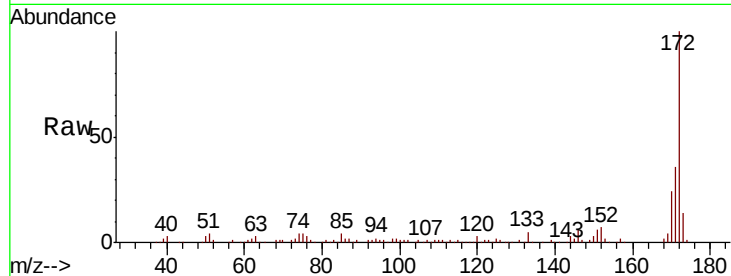




#45
 2-Fluorobiphenyl
 Concen: 60.068 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041520.D
 Acq: 28 Jun 2019 19:48

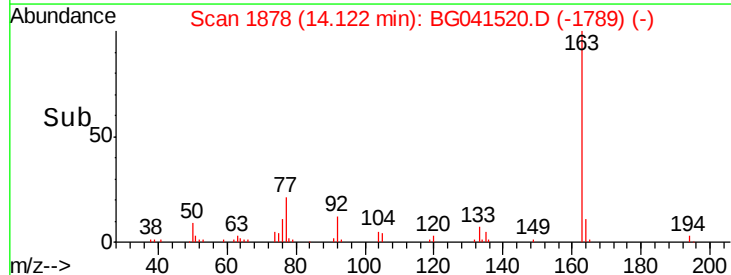
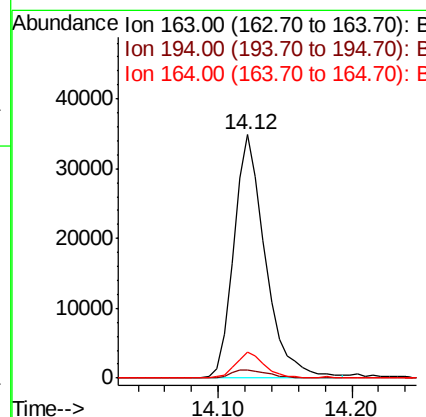
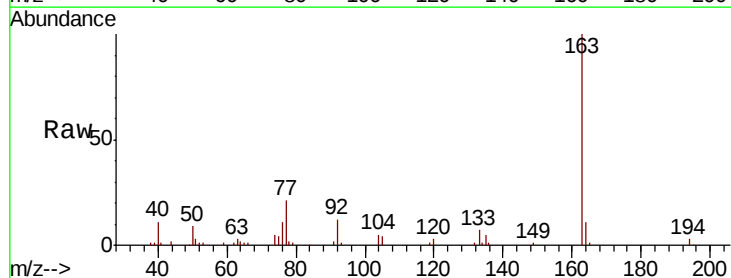
Instrument :
 BNA_G
 ClientSampleId :
 SB-14-COMP

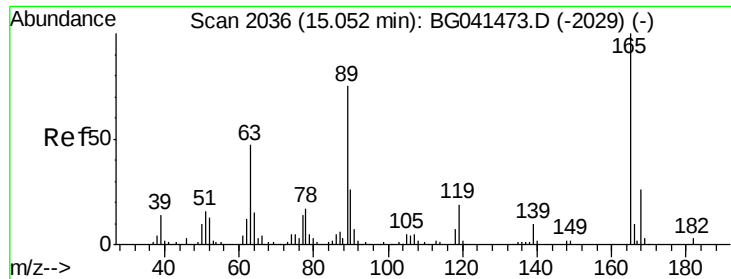
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.7	20.0	30.0



#50
 Dimethylphthalate
 Concen: 10.287 ng
 RT: 14.12 min Scan# 1878
 Delta R.T. -0.01 min
 Lab File: BG041520.D
 Acq: 28 Jun 2019 19:48

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.7	5.5#
164	10.9	7.8	11.6

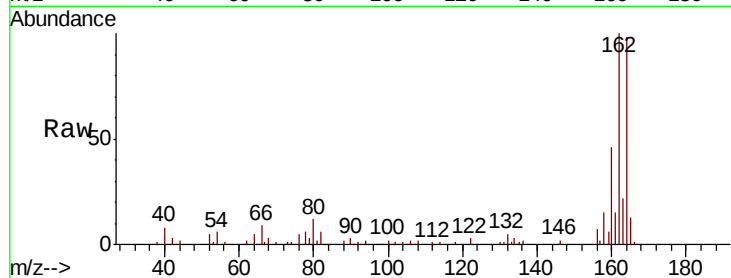




#57
2,4-Dinitrotoluene
Concen: 4.519 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.38 min
Lab File: BG041520.D
Acq: 28 Jun 2019 19:48

Instrument :
BNA_G
ClientSampleId :
SB-14-COMP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.8	58.2#
89	0.0	60.1	90.1#
182	0.0	2.2	3.2#

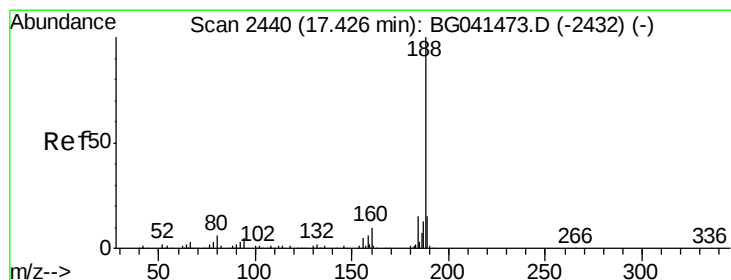
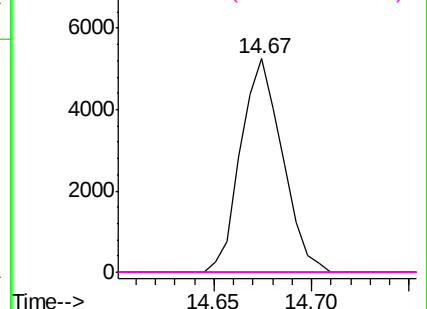
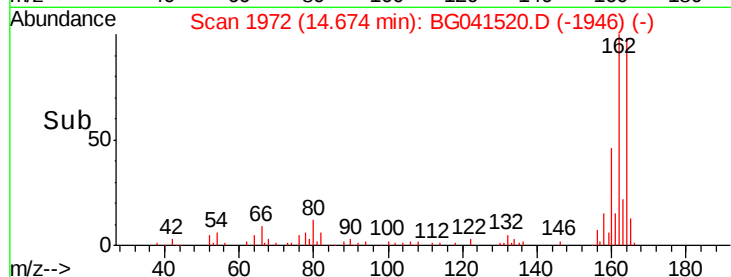


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

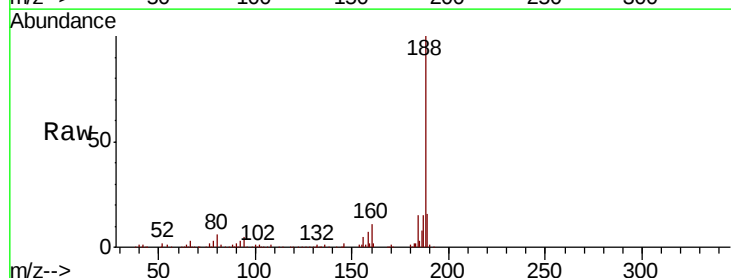
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041520.D
Acq: 28 Jun 2019 19:48

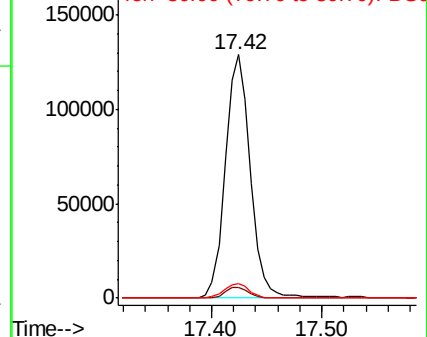
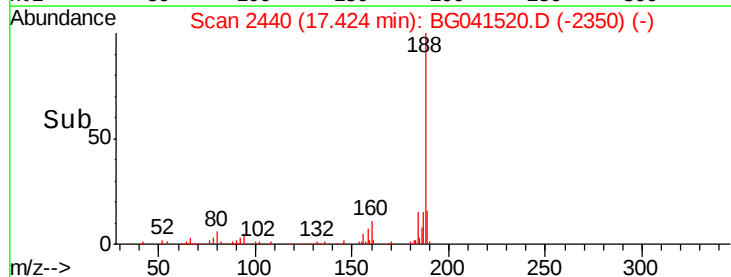
Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.5	3.8	5.8
80	6.1	4.8	7.2

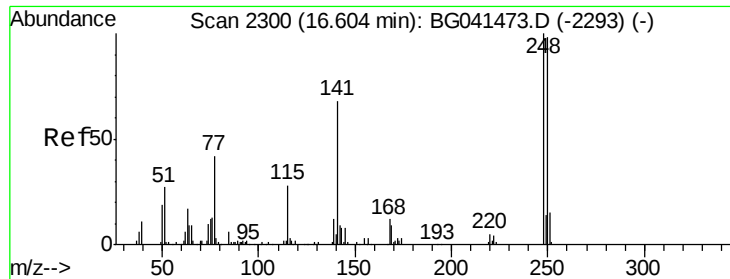


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

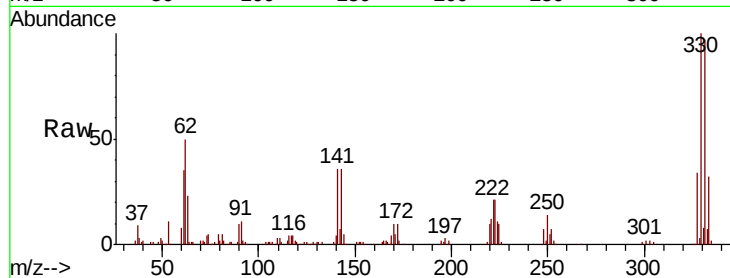




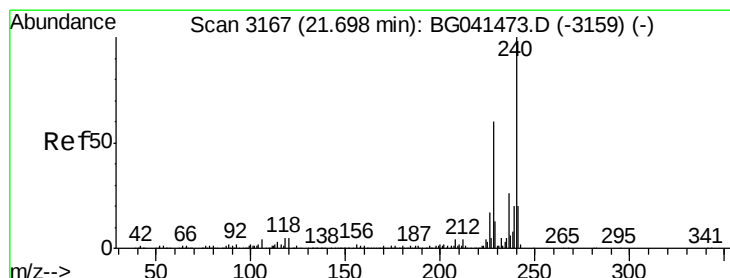
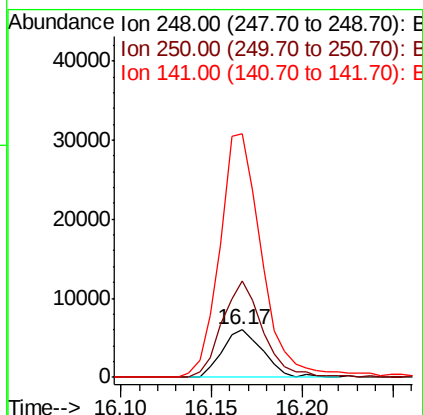
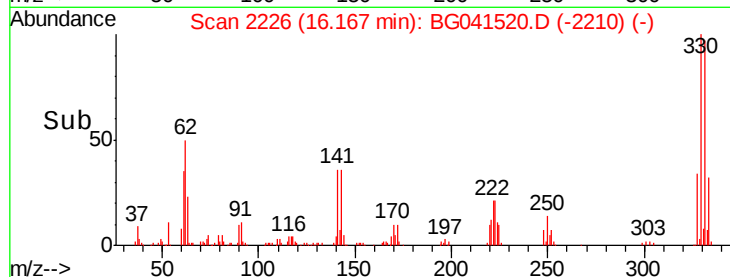
#67
 4-Bromophenyl-phenylether
 Concen: 3.351 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.44 min
 Lab File: BG041520.D
 Acq: 28 Jun 2019 19:48

Instrument :
 BNA_G
 ClientSampleId :
 SB-14-COMP

Tgt Ion:248 Resp: 9350
 Ion Ratio Lower Upper
 248 100
 250 204.5 78.1 117.1#
 141 513.2 54.1 81.1#

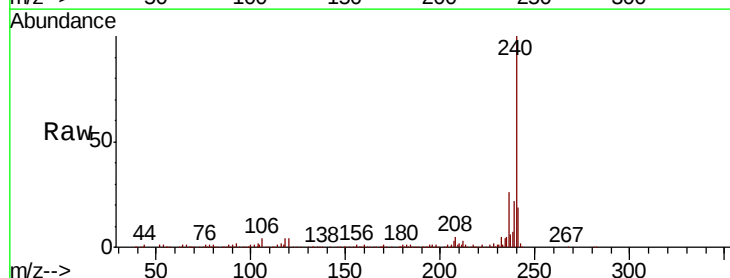


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

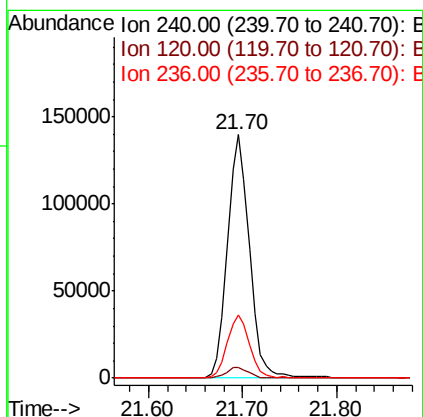
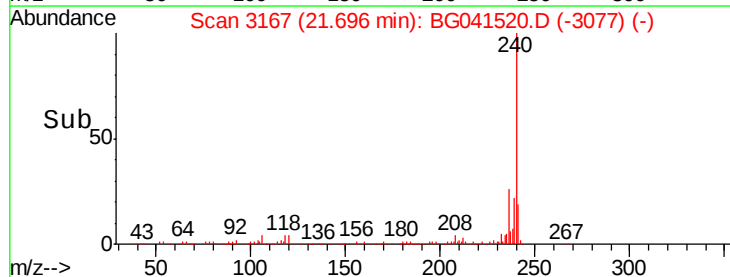


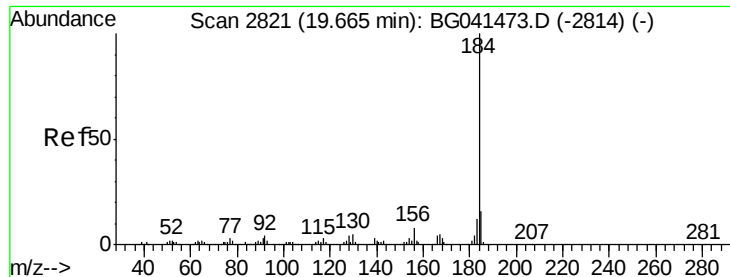
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG041520.D
 Acq: 28 Jun 2019 19:48

Tgt Ion:240 Resp: 226873
 Ion Ratio Lower Upper
 240 100
 120 4.3 3.7 5.5
 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





#77

Benzidine

Concen: 2.615 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.36 min

Lab File: BG041520.D

Acq: 28 Jun 2019 19:48

Instrument :

BNA_G

ClientSampleId :

SB-14-COMP

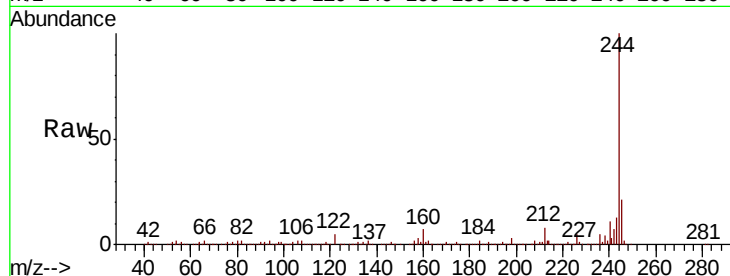
Tgt Ion:184 Resp: 13165

Ion Ratio Lower Upper

184 100

185 18.4 12.7 19.1

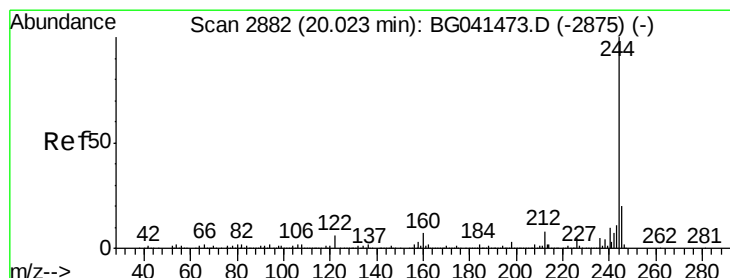
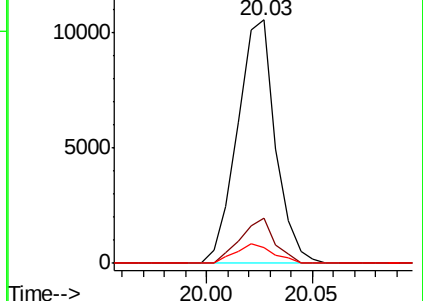
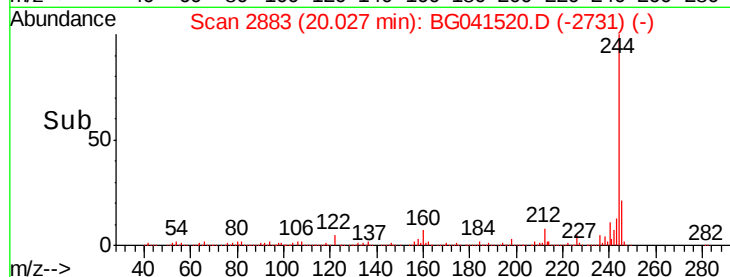
183 6.6 9.4 14.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 71.352 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041520.D

Acq: 28 Jun 2019 19:48

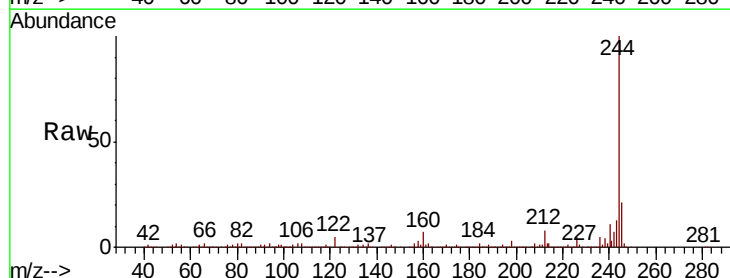
Tgt Ion:244 Resp: 761753

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.4

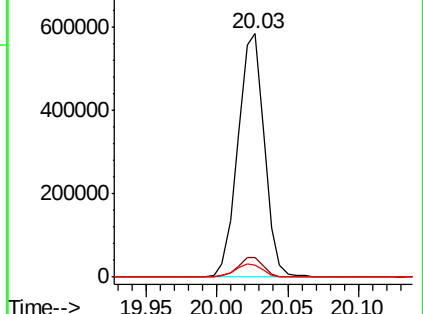
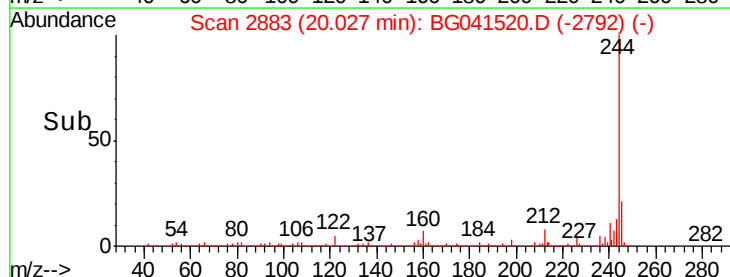
122 5.0 4.8 7.2

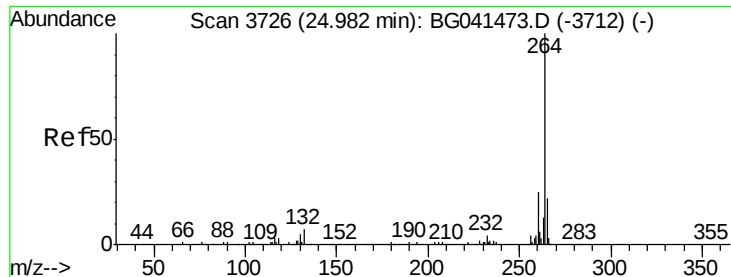


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.98 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BG041520.D
Acq: 28 Jun 2019 19:48

Instrument :
BNA_G
ClientSampleId :
SB-14-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.7	29.5
265	20.8	17.4	26.2

