

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062919\
 Data File : BG041546.D
 Acq On : 29 Jun 2019 14:53
 Operator : HP/JU
 Sample : K3555-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-12

Quant Time: Jun 30 00:56:09 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

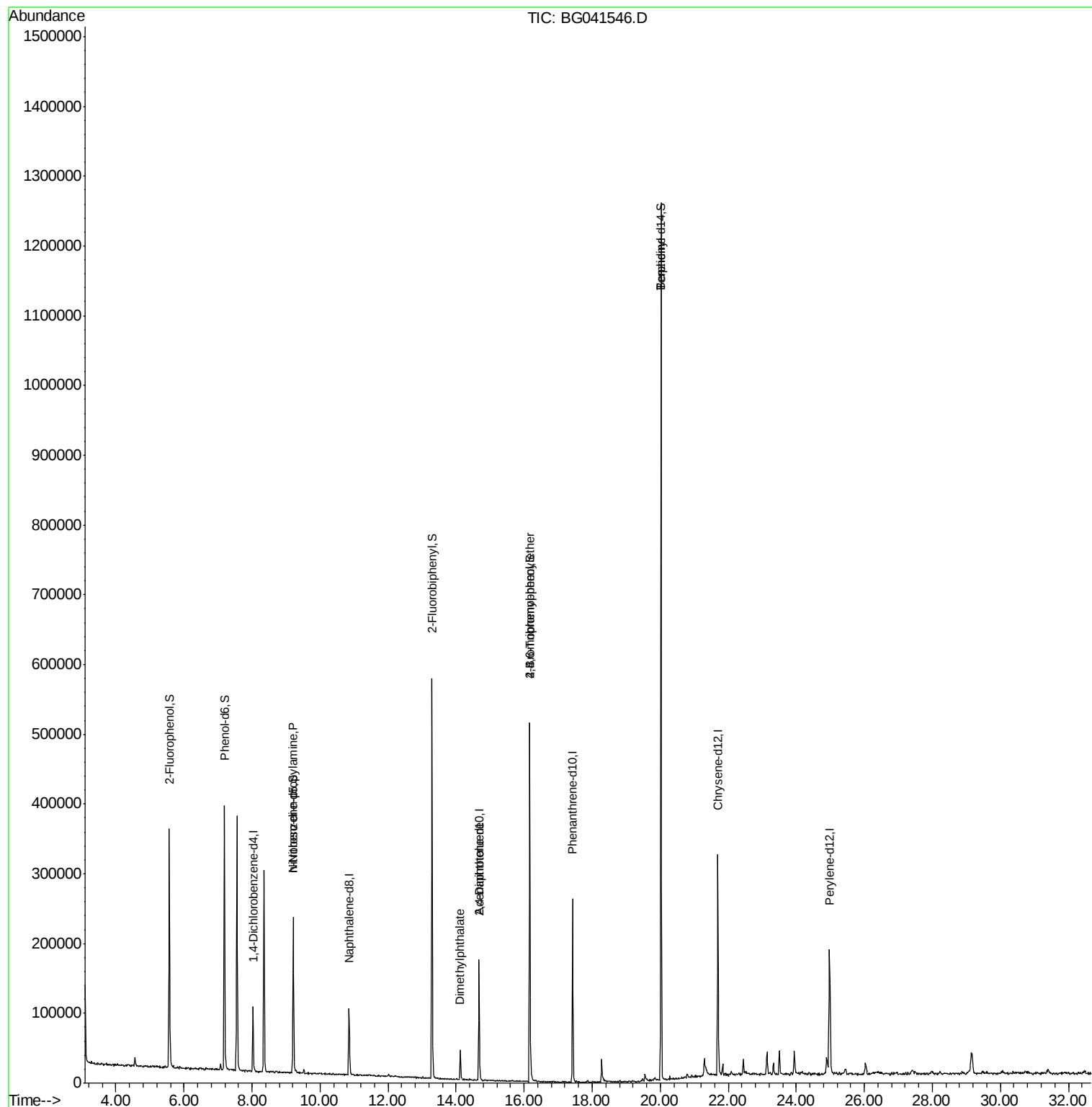
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	25200	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	87610	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	60997	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	171522	20.00	ng	0.00
76) Chrysene-d12	21.69	240	202673	20.00	ng	0.00
87) Perylene-d12	24.98	264	221645	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	141186	99.89	ng	0.00
7) Phenol-d6	7.19	99	200129	100.58	ng	0.00
23) Nitrobenzene-d5	9.21	82	136489	64.98	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	107125	102.86	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	299362	62.98	ng	0.00
79) Terphenyl-d14	20.03	244	643832	67.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	20223	13.626	ng	# 72
50) Dimethylphthalate	14.12	163	31458	5.667	ng	# 93
57) 2,4-Dinitrotoluene	14.68	165	8128	4.756	ng	# 22
67) 4-Bromophenyl-phenylether	16.17	248	7477	3.190	ng	# 1
77) Benzidine	20.02	184	10300	2.290	ng	96

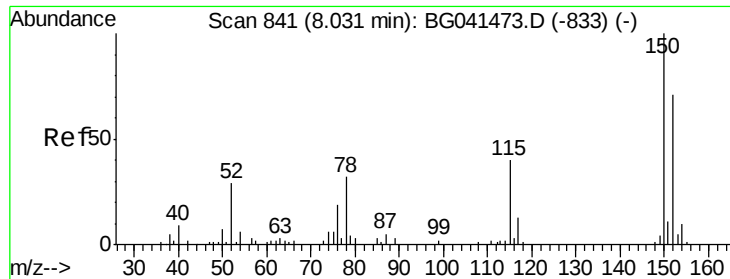
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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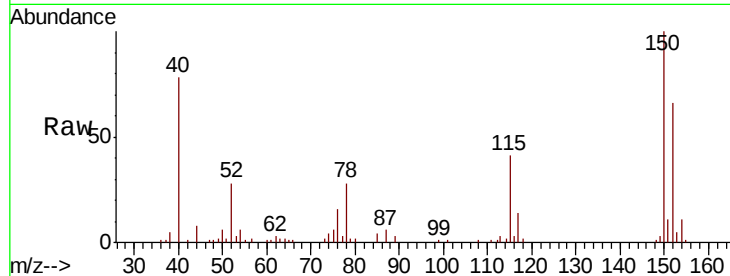


#1

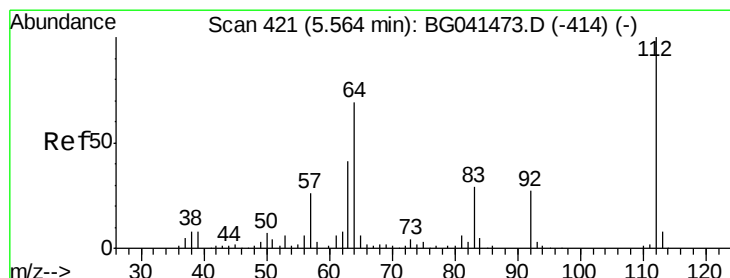
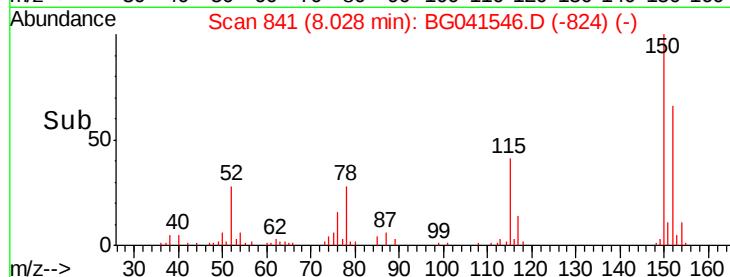
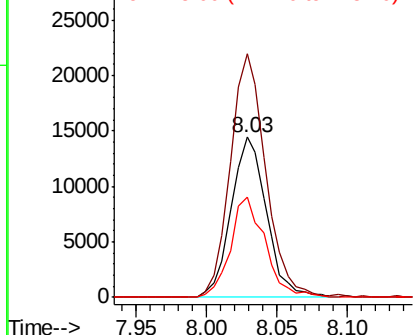
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041546.D
Acq: 29 Jun 2019 14:53

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

Tgt Ion:152 Resp: 25200
Ion Ratio Lower Upper
152 100
150 152.2 112.4 168.6
115 62.6 44.6 66.8



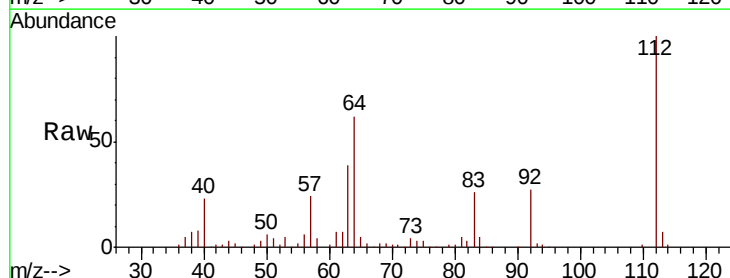
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



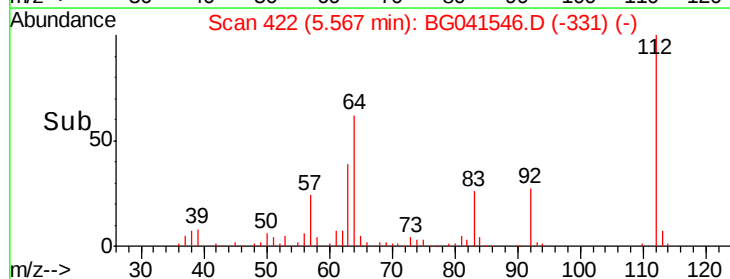
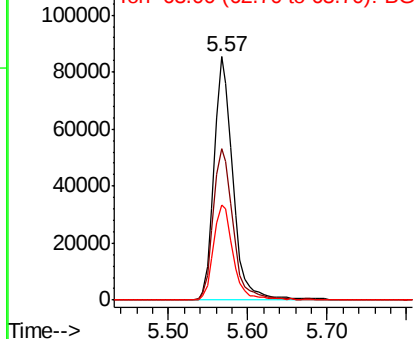
#5

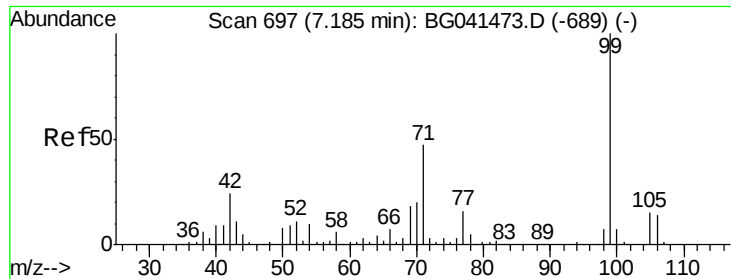
2-Fluorophenol
Concen: 99.886 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041546.D
Acq: 29 Jun 2019 14:53

Tgt Ion:112 Resp: 141186
Ion Ratio Lower Upper
112 100
64 62.3 55.1 82.7
63 39.1 32.4 48.6



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: 100.578 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041546.D

Acq: 29 Jun 2019 14:53

Instrument :

BNA_G

ClientSampleId :

SAMPLE-12

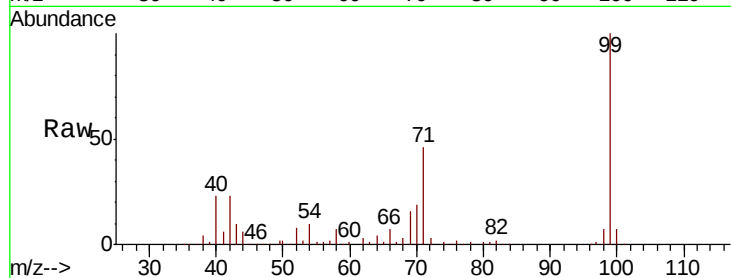
Tgt Ion: 99 Resp: 200129

Ion Ratio Lower Upper

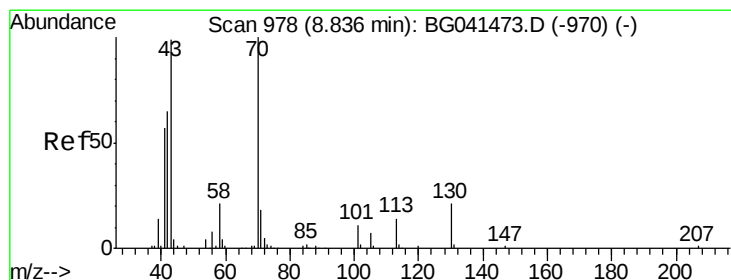
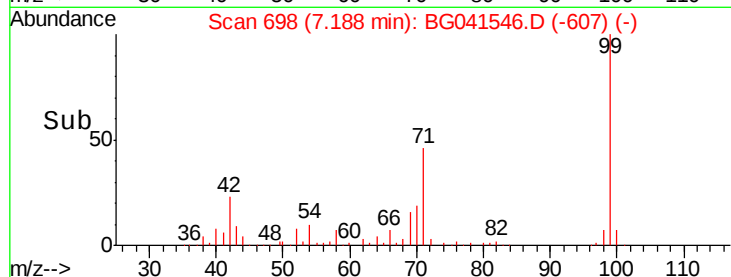
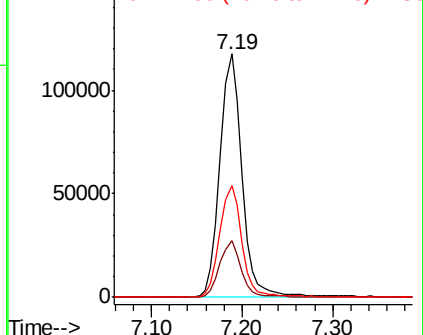
99 100

42 23.3 19.0 28.6

71 46.1 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: 13.626 ng

RT: 9.21 min Scan# 1042

Delta R.T. 0.37 min

Lab File: BG041546.D

Acq: 29 Jun 2019 14:53

Tgt Ion: 70 Resp: 20223

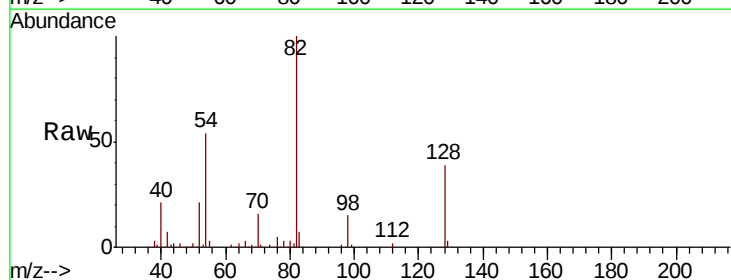
Ion Ratio Lower Upper

70 100

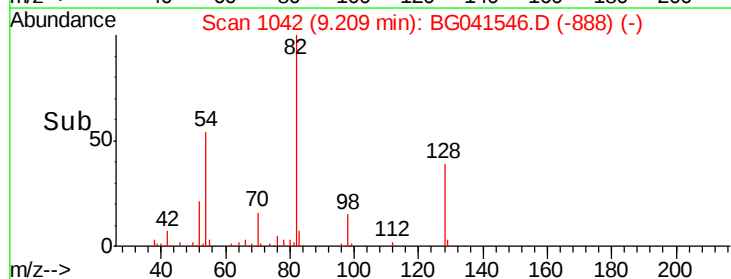
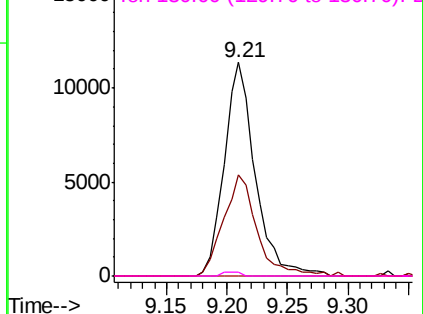
42 47.4 52.6 78.8#

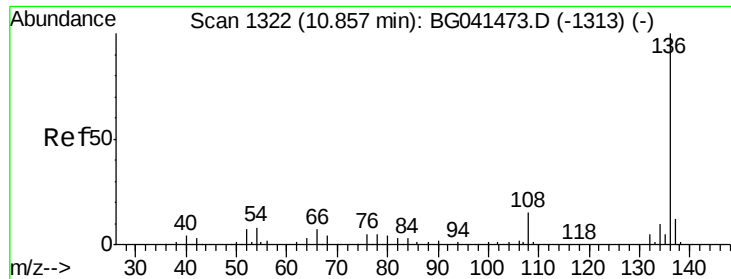
101 0.0 8.6 13.0#

130 1.6 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

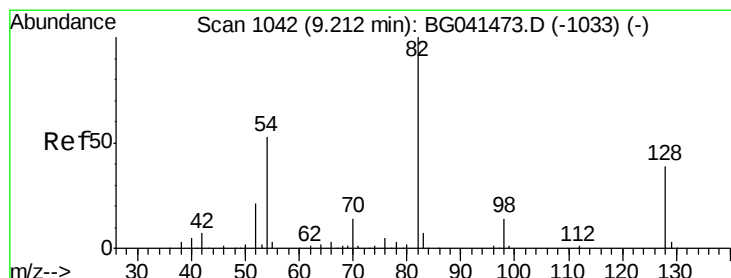
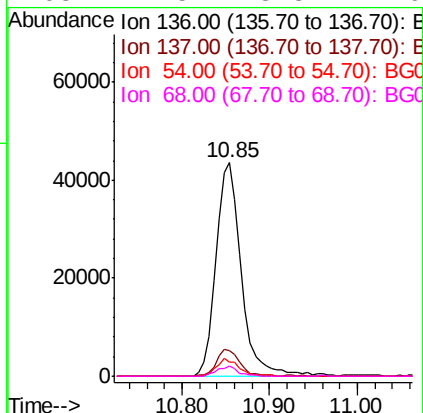
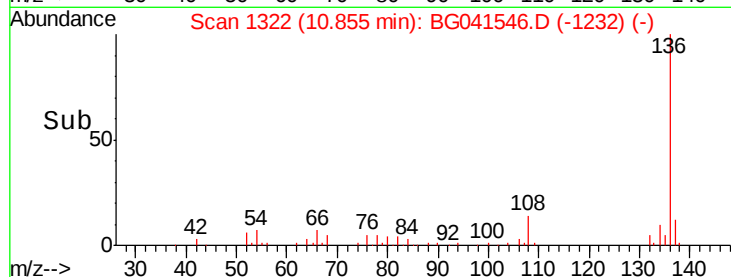
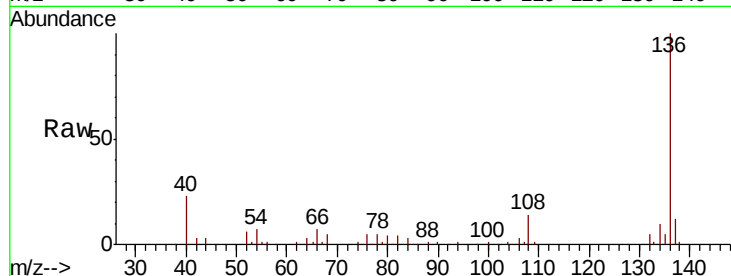




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041546.D
Acq: 29 Jun 2019 14:53

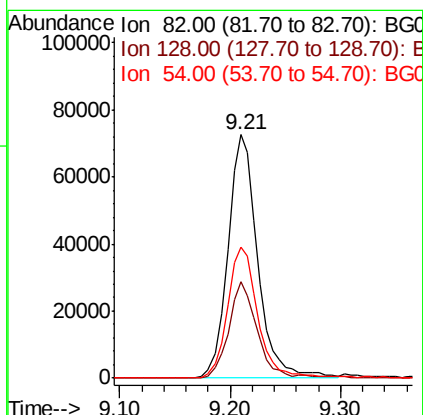
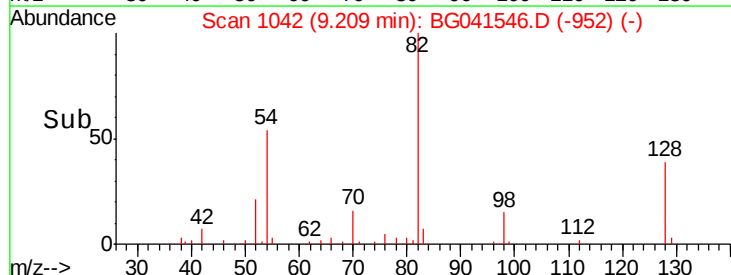
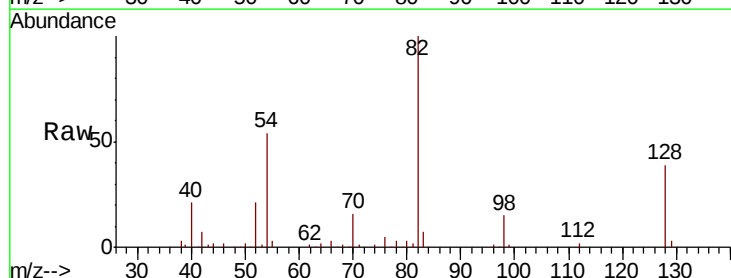
Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

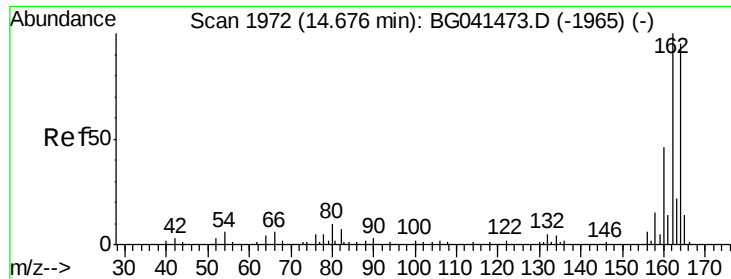
Tgt Ion: 136 Resp: 87610
Ion Ratio Lower Upper
136 100
137 11.7 9.3 13.9
54 6.8 7.1 10.7#
68 4.5 3.3 4.9



#23
Nitrobenzene-d5
Concen: 64.976 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041546.D
Acq: 29 Jun 2019 14:53

Tgt Ion: 82 Resp: 136489
Ion Ratio Lower Upper
82 100
128 39.4 30.9 46.3
54 53.6 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: BG041546.D

Acq: 29 Jun 2019 14:53

Instrument :

BNA_G

ClientSampleId :

SAMPLE-12

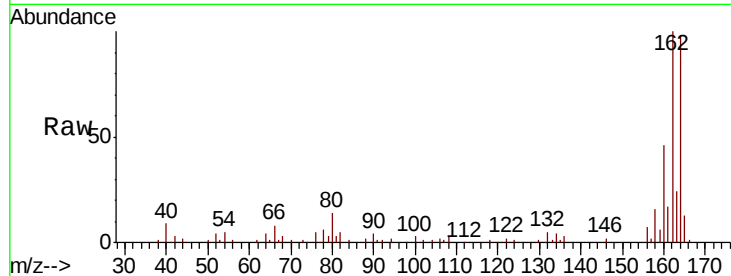
Tgt Ion:164 Resp: 60997

Ion Ratio Lower Upper

164 100

162 101.8 84.4 126.6

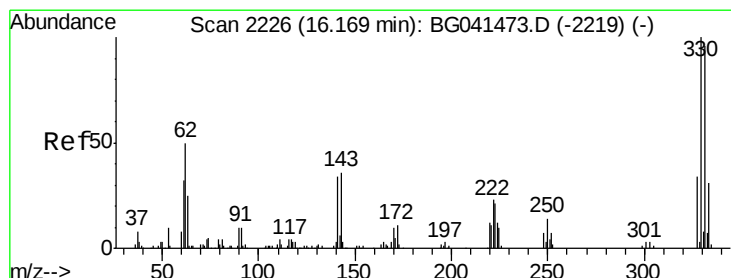
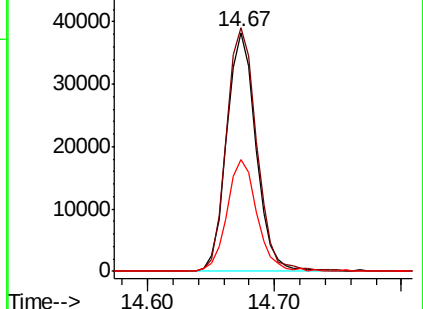
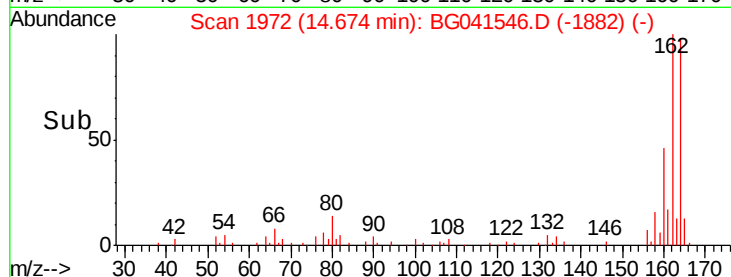
160 46.7 38.8 58.2



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: 102.858 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG041546.D

Acq: 29 Jun 2019 14:53

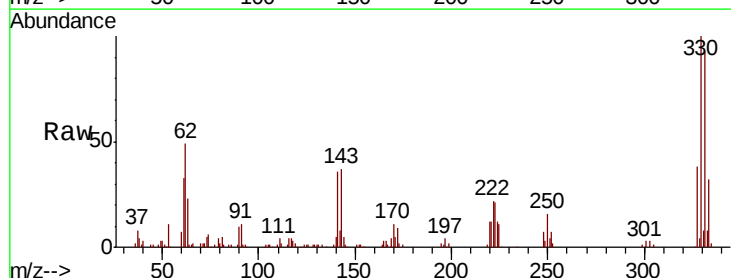
Tgt Ion:330 Resp: 107125

Ion Ratio Lower Upper

330 100

332 94.5 75.5 113.3

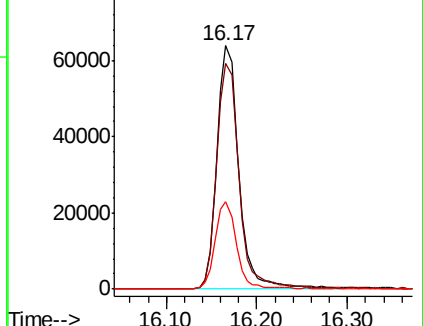
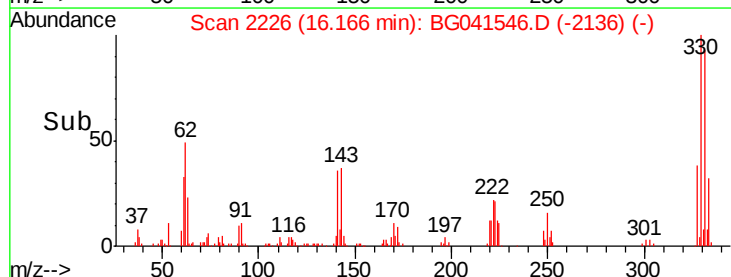
141 35.2 27.8 41.6

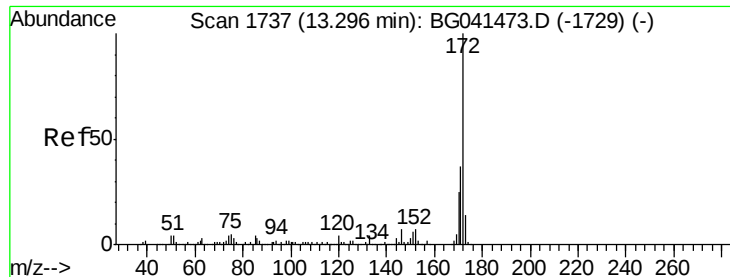


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

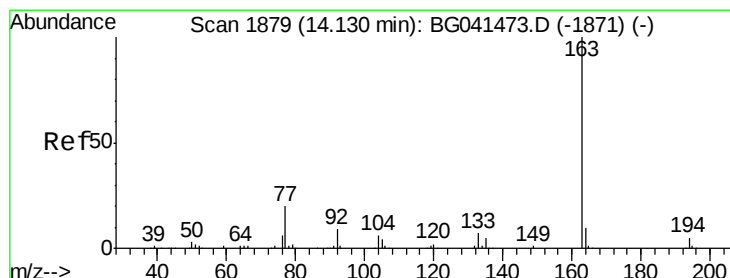
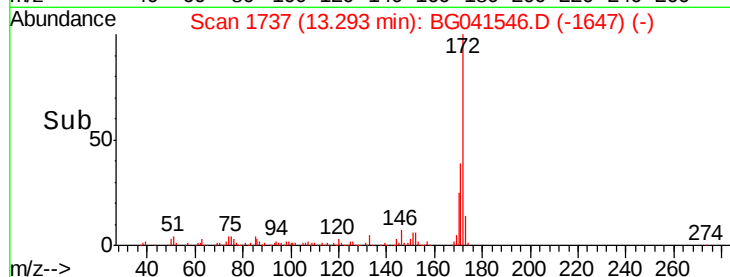
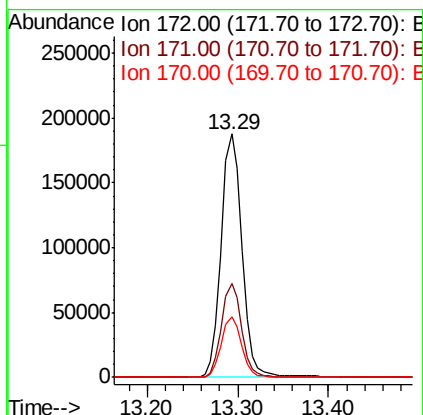
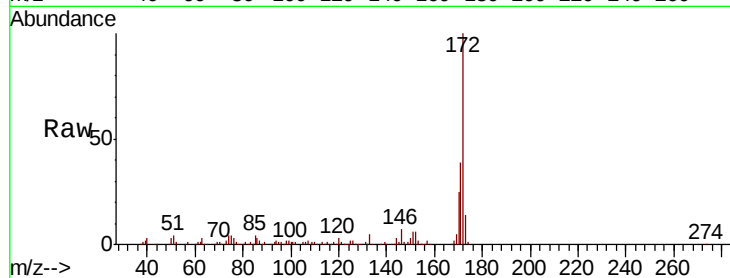




#45
2-Fluorobiphenyl
Concen: 62.980 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041546.D
Acq: 29 Jun 2019 14:53

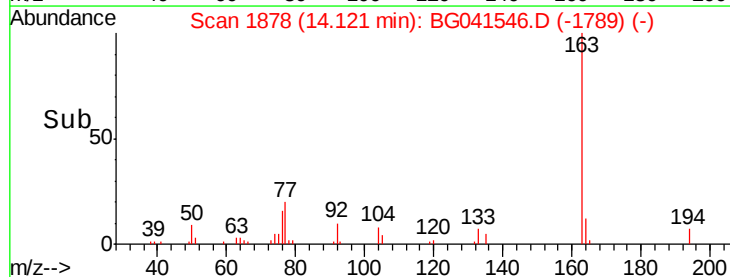
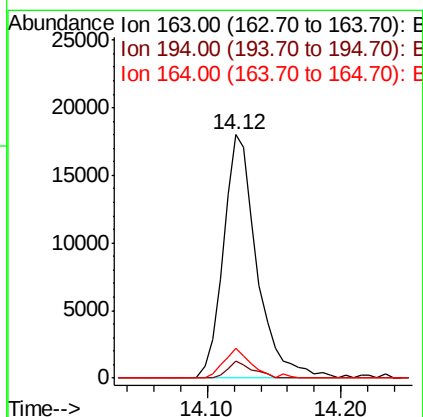
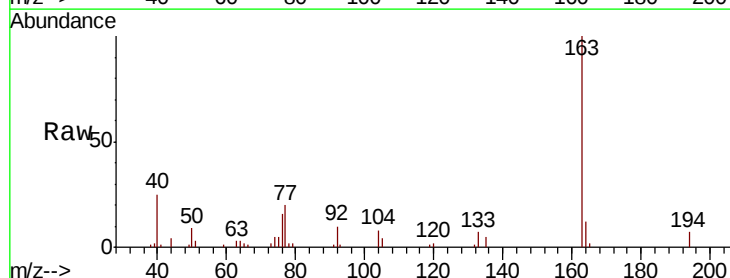
Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

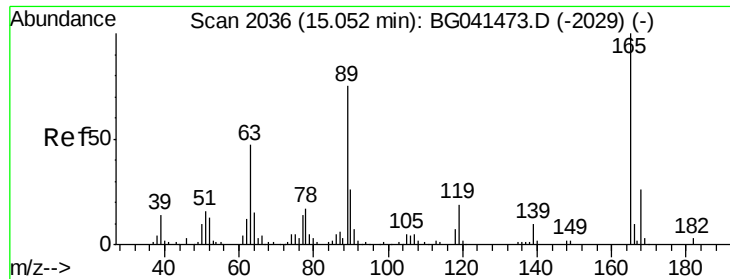
Tgt Ion:172 Resp: 299362
Ion Ratio Lower Upper
172 100
171 38.5 29.6 44.4
170 24.7 20.0 30.0



#50
Dimethylphthalate
Concen: 5.667 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG041546.D
Acq: 29 Jun 2019 14:53

Tgt Ion:163 Resp: 31458
Ion Ratio Lower Upper
163 100
194 6.8 3.7 5.5#
164 12.2 7.8 11.6#

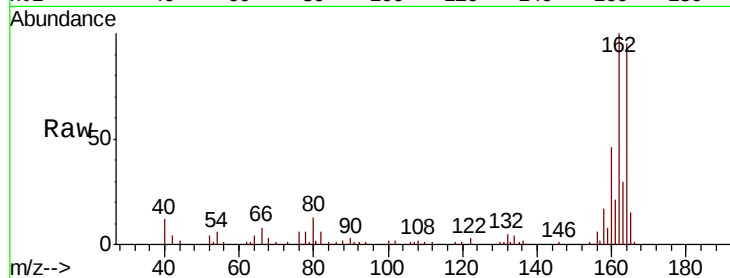




#57
 2,4-Dinitrotoluene
 Concen: 4.756 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.37 min
 Lab File: BG041546.D
 Acq: 29 Jun 2019 14:53

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.5	38.8	58.2#
89	0.0	60.1	90.1#
182	0.0	2.2	3.2#

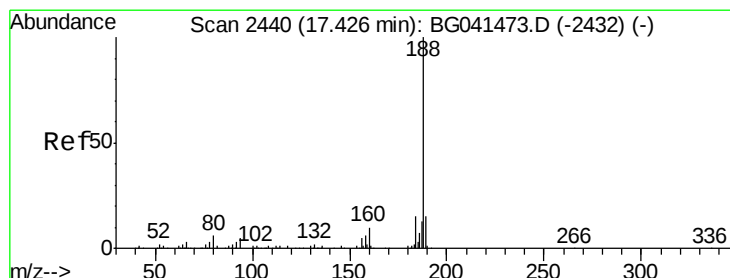
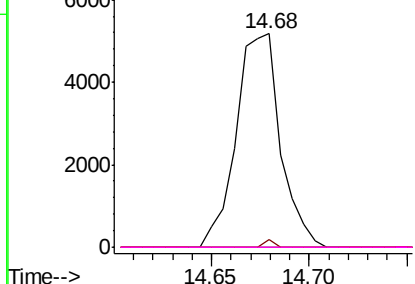
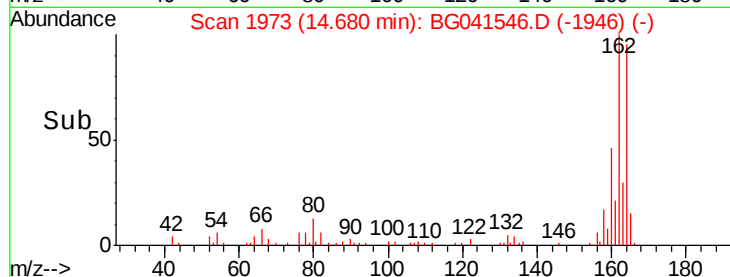


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

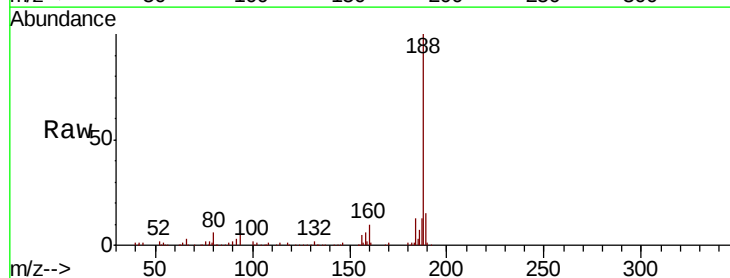
Ion 89.00 (88.70 to 89.70): BGC

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: BG041546.D
 Acq: 29 Jun 2019 14:53

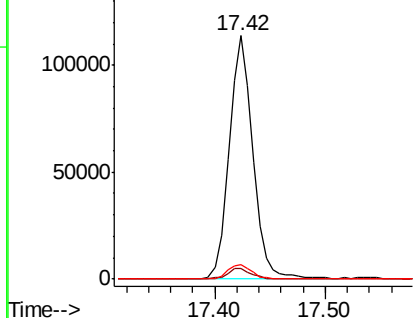
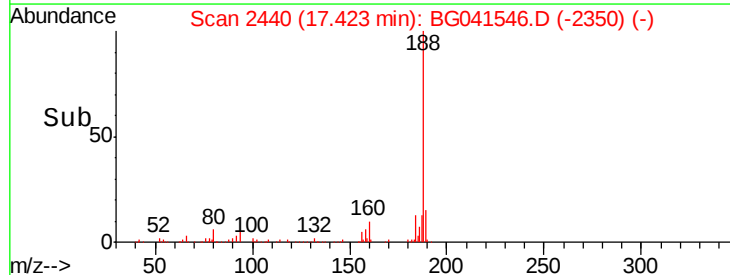
Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.5	3.8	5.8
80	5.7	4.8	7.2

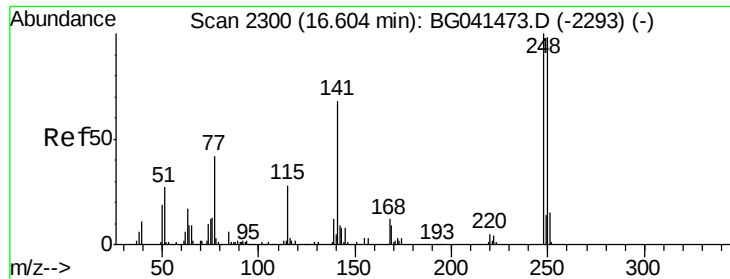


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

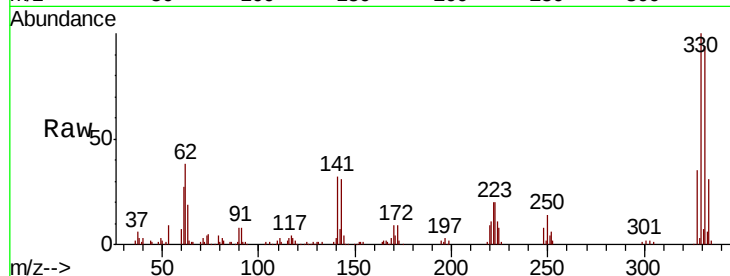




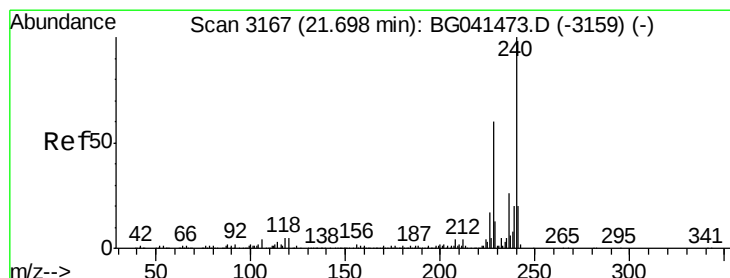
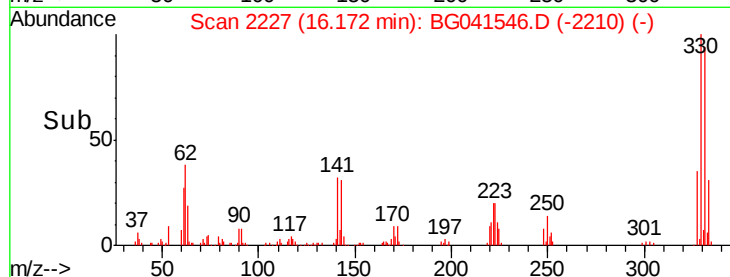
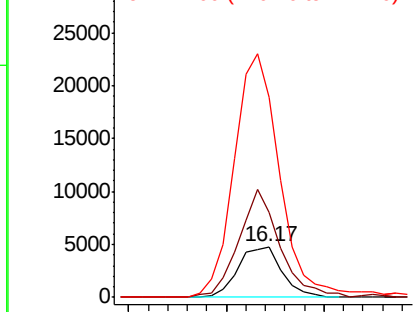
#67
4-Bromophenyl-phenylether
Concen: 3.190 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.43 min
Lab File: BG041546.D
Acq: 29 Jun 2019 14:53

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

Tgt Ion:248 Resp: 7477
Ion Ratio Lower Upper
248 100
250 169.5 78.1 117.1#
141 398.5 54.1 81.1#

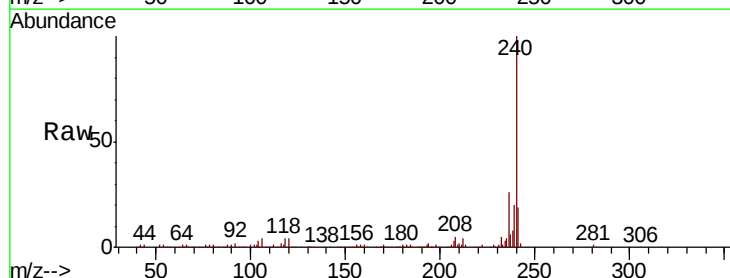


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

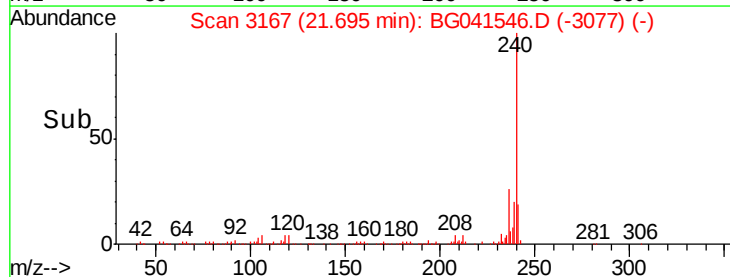
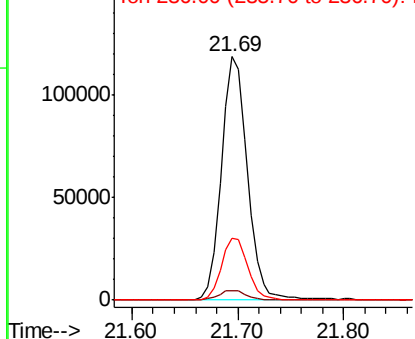


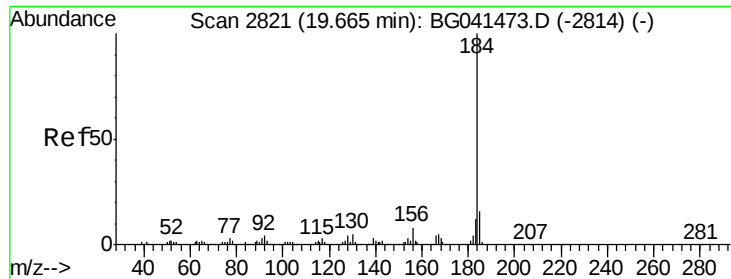
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG041546.D
Acq: 29 Jun 2019 14:53

Tgt Ion:240 Resp: 202673
Ion Ratio Lower Upper
240 100
120 3.8 3.7 5.5
236 25.6 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: 2.290 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.36 min

Lab File: BG041546.D

Acq: 29 Jun 2019 14:53

Instrument :

BNA_G

ClientSampleId :

SAMPLE-12

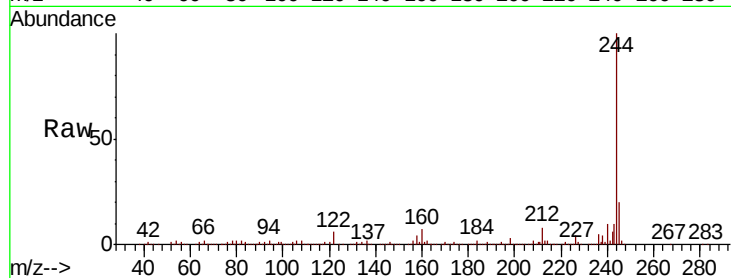
Tgt Ion:184 Resp: 10300

Ion Ratio Lower Upper

184 100

185 16.9 12.7 19.1

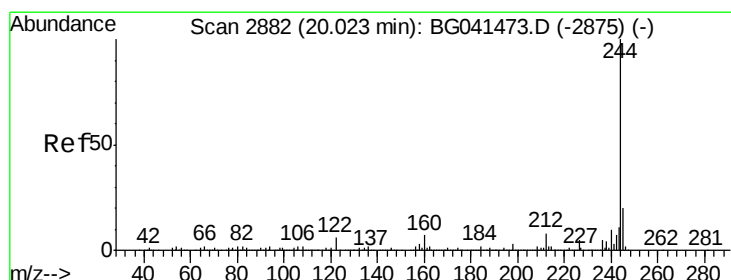
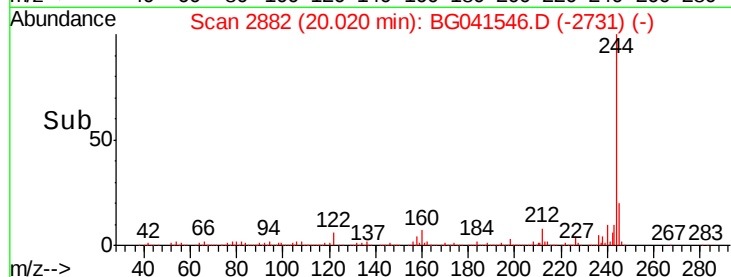
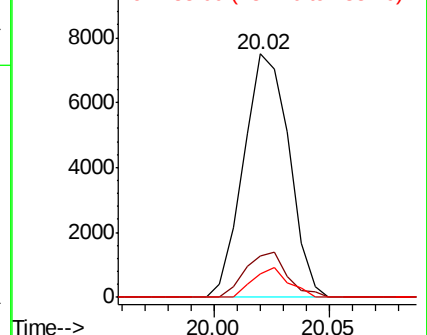
183 9.8 9.4 14.2



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: 67.508 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041546.D

Acq: 29 Jun 2019 14:53

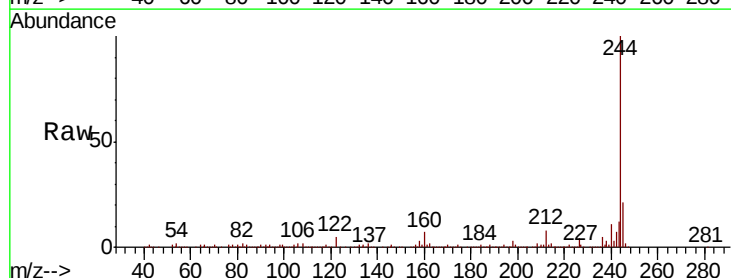
Tgt Ion:244 Resp: 643832

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.4

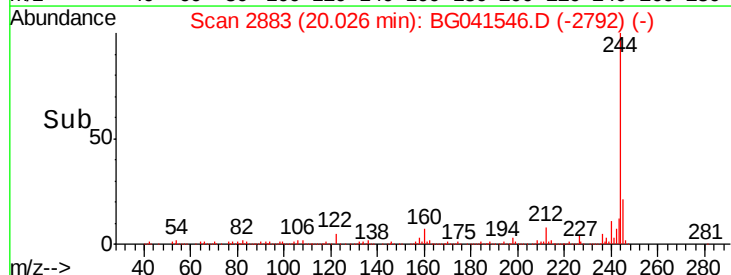
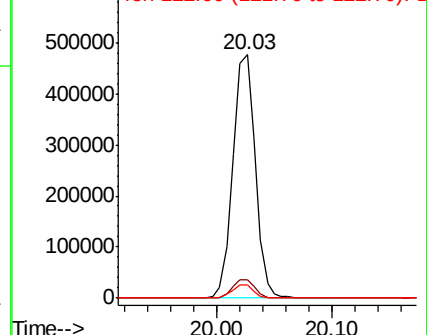
122 5.3 4.8 7.2

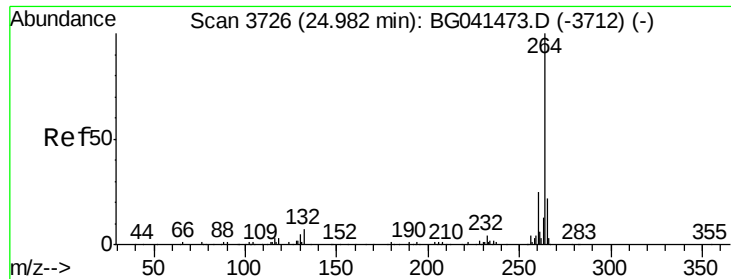


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG041546.D
Acq: 29 Jun 2019 14:53

Instrument :
BNA_G
ClientSampleId :
SAMPLE-12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.7	29.5
265	22.2	17.4	26.2

