

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062719\
 Data File : BG041496.D
 Acq On : 27 Jun 2019 20:13
 Operator : HP/JU
 Sample : K3552-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-3

Quant Time: Jun 28 05:53:04 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

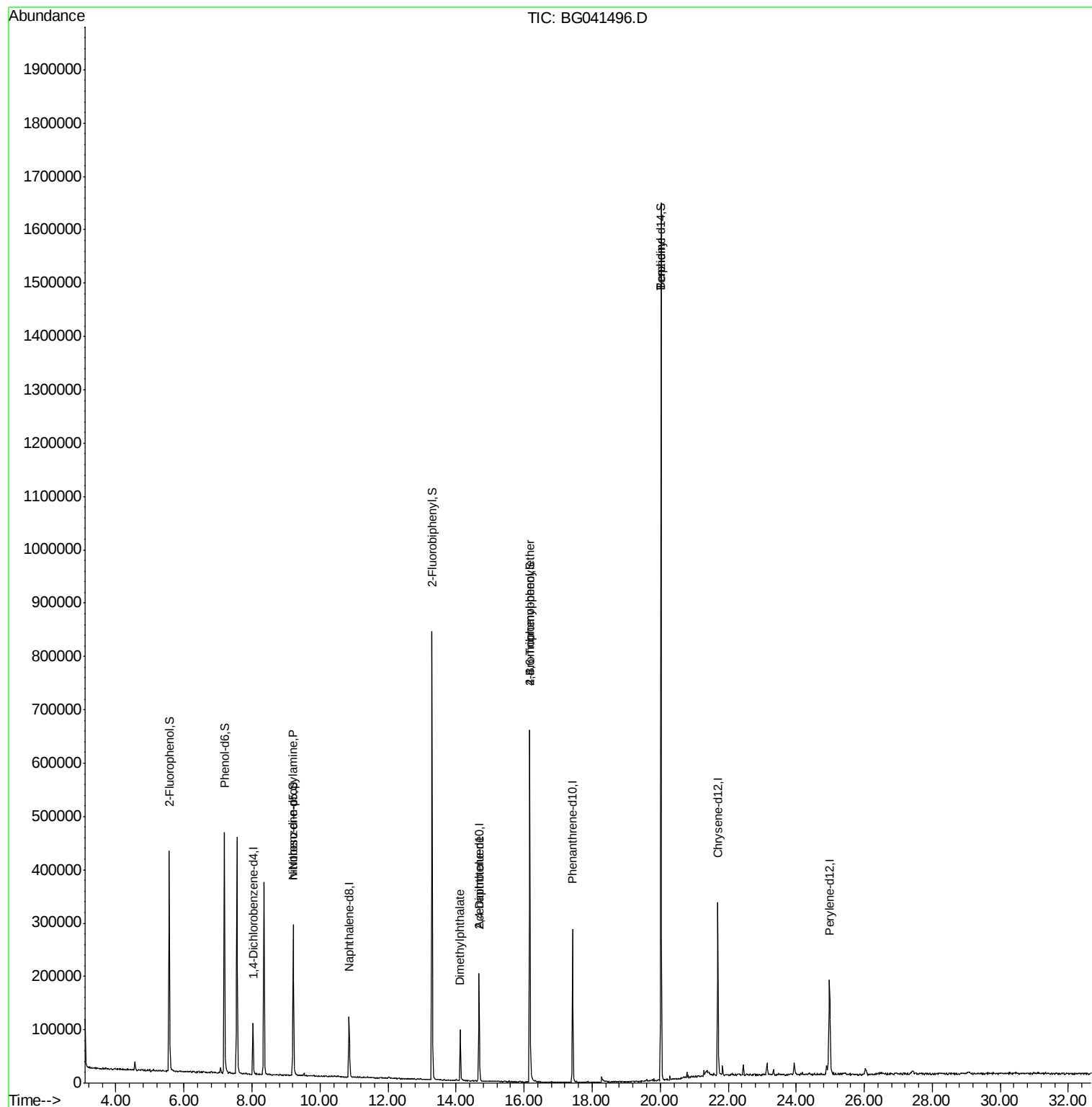
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	27310	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	99650	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	72348	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	190843	20.00	ng	0.00
76) Chrysene-d12	21.70	240	203028	20.00	ng	0.00
87) Perylene-d12	24.98	264	214447	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	171472	111.94	ng	0.00
7) Phenol-d6	7.19	99	249458	115.68	ng	0.00
23) Nitrobenzene-d5	9.21	82	179081	74.95	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	135144	109.40	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	426092	75.58	ng	0.00
79) Terphenyl-d14	20.02	244	799194	83.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	24113	14.991	ng	Qvalue # 75
50) Dimethylphthalate	14.12	163	69255	10.519	ng	99
57) 2,4-Dinitrotoluene	14.67	165	9298	4.587	ng	# 22
67) 4-Bromophenyl-phenylether	16.17	248	9495	3.641	ng	# 1
77) Benzidine	20.02	184	12876	2.858	ng	95

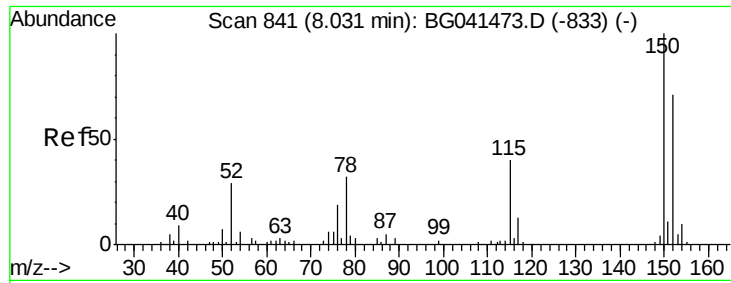
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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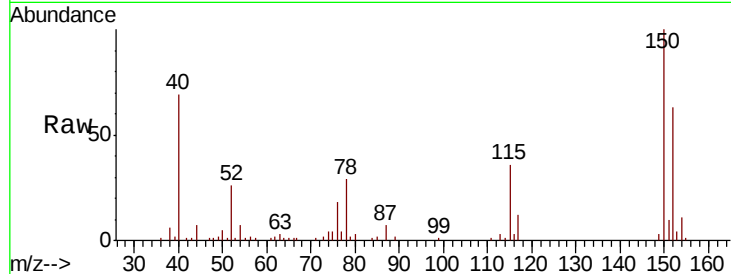


#1

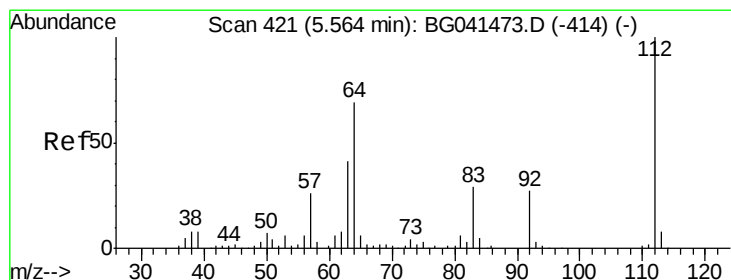
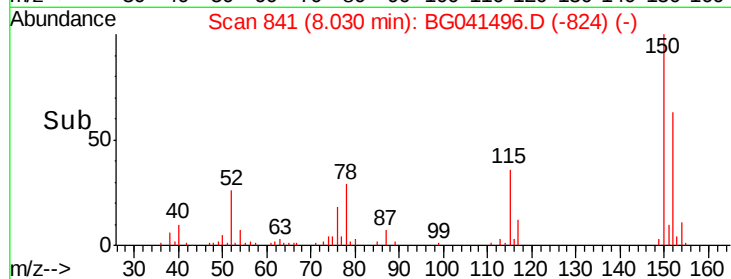
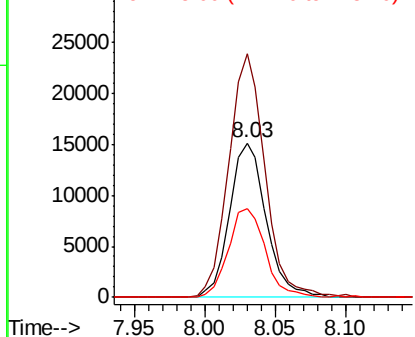
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041496.D
Acq: 27 Jun 2019 20:13

Instrument :
BNA_G
ClientSampleId :
M-3

Tgt Ion:152 Resp: 27310
Ion Ratio Lower Upper
152 100
150 157.6 112.4 168.6
115 57.1 44.6 66.8



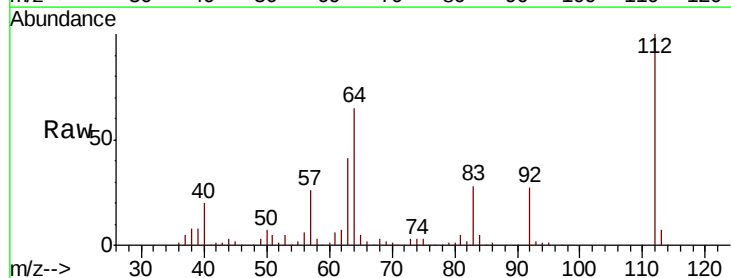
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



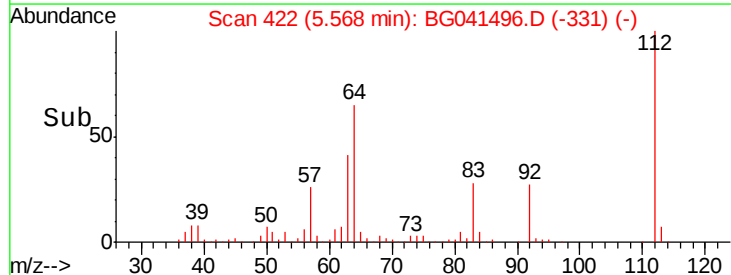
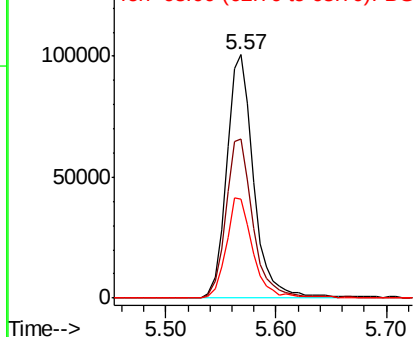
#5

2-Fluorophenol
Concen: 111.940 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041496.D
Acq: 27 Jun 2019 20:13

Tgt Ion:112 Resp: 171472
Ion Ratio Lower Upper
112 100
64 65.1 55.1 82.7
63 40.5 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: 115.683 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041496.D

Acq: 27 Jun 2019 20:13

Instrument :

BNA_G

ClientSampleId :

M-3

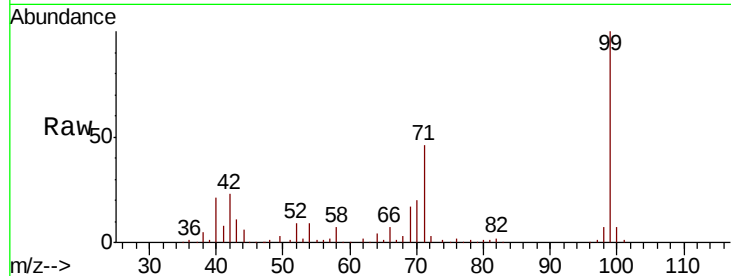
Tgt Ion: 99 Resp: 249458

Ion Ratio Lower Upper

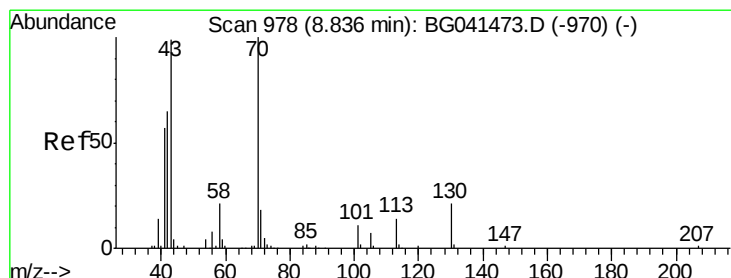
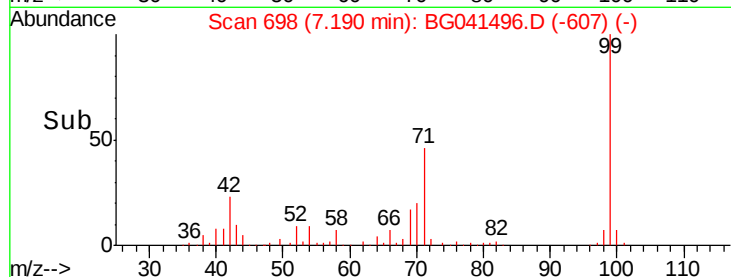
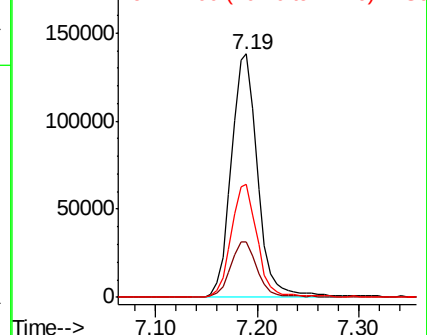
99 100

42 22.7 19.0 28.6

71 46.3 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: 14.991 ng

RT: 9.21 min Scan# 1042

Delta R.T. 0.37 min

Lab File: BG041496.D

Acq: 27 Jun 2019 20:13

Tgt Ion: 70 Resp: 24113

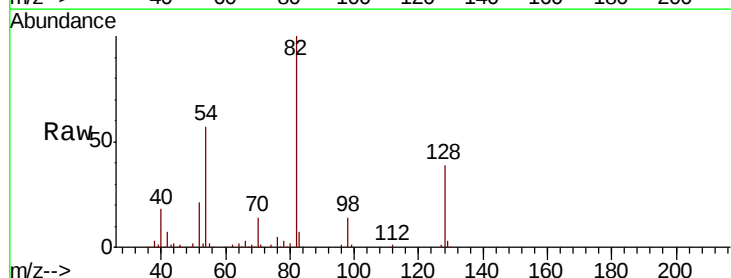
Ion Ratio Lower Upper

70 100

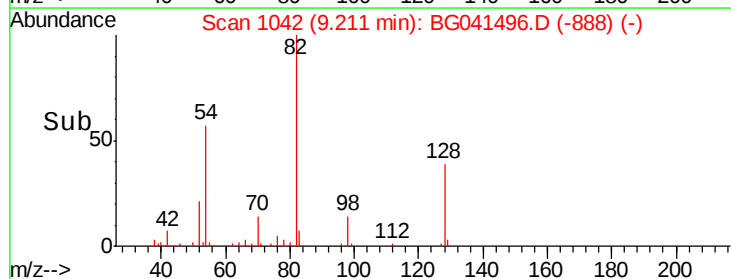
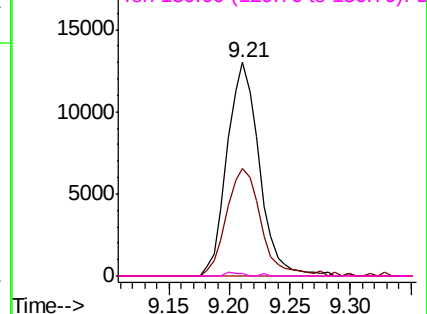
42 50.6 52.6 78.8#

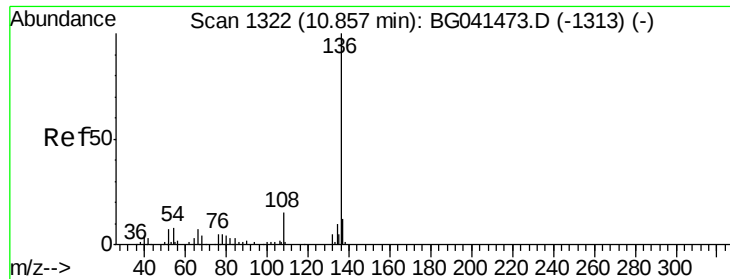
101 0.0 8.6 13.0#

130 1.2 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

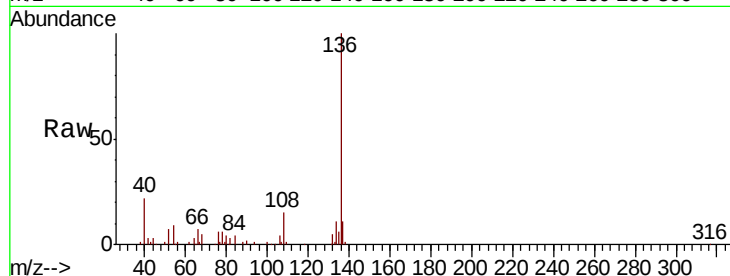




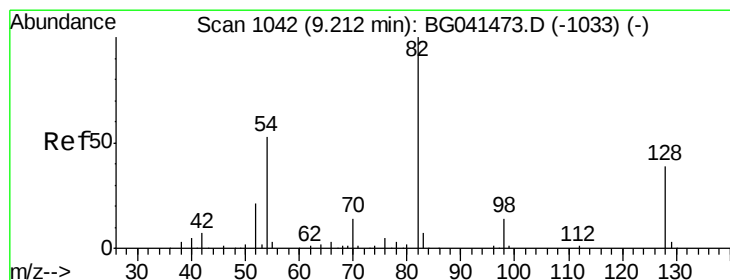
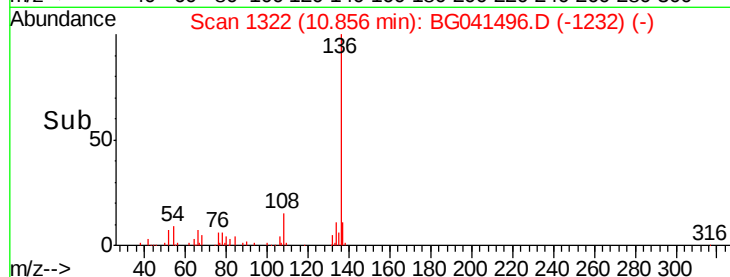
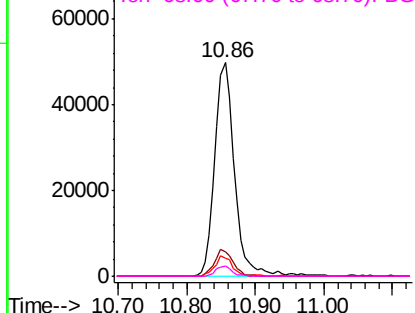
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041496.D
Acq: 27 Jun 2019 20:13

Instrument :
BNA_G
ClientSampleId :
M-3

Tgt Ion:	136	Resp:	99650
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.5	7.1	10.7
68	4.7	3.3	4.9

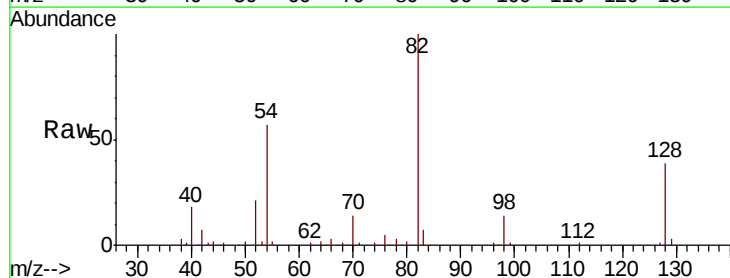


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

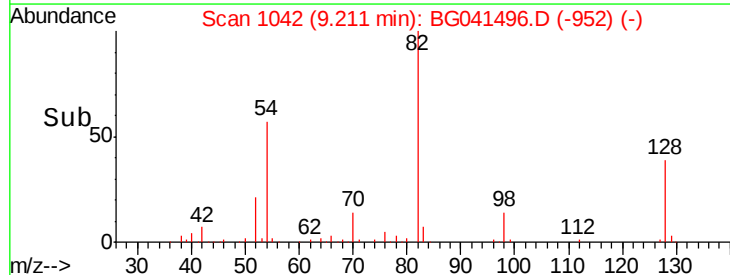
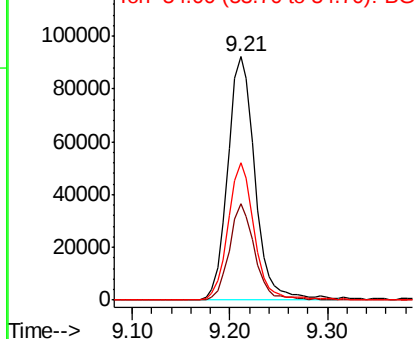


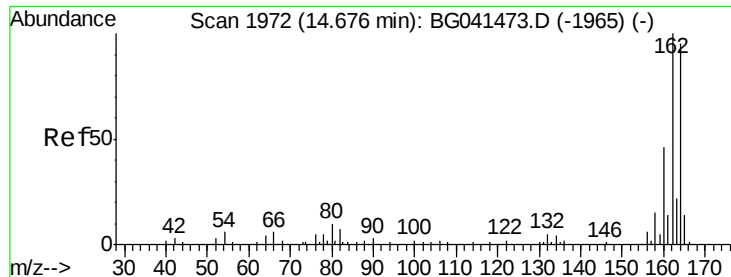
#23
Nitrobenzene-d5
Concen: 74.952 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041496.D
Acq: 27 Jun 2019 20:13

Tgt Ion:	82	Resp:	179081
Ion	Ratio	Lower	Upper
82	100		
128	39.4	30.9	46.3
54	56.7	42.2	63.2



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: 14.67 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG041496.D

Acq: 27 Jun 2019 20:13

Instrument :

BNA_G

ClientSampleId :

M-3

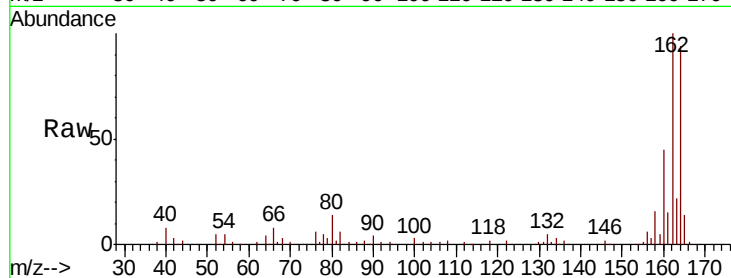
Tgt Ion:164 Resp: 72348

Ion Ratio Lower Upper

164 100

162 105.9 84.4 126.6

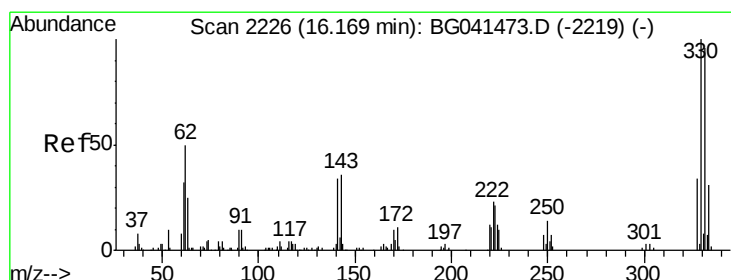
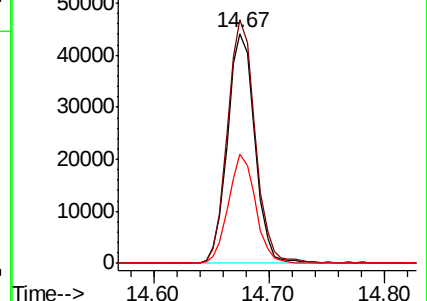
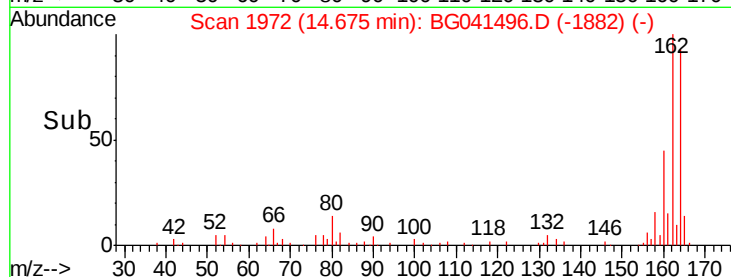
160 47.4 38.8 58.2



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: 109.402 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG041496.D

Acq: 27 Jun 2019 20:13

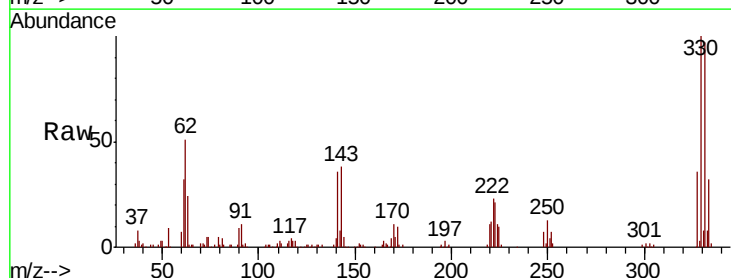
Tgt Ion:330 Resp: 135144

Ion Ratio Lower Upper

330 100

332 95.9 75.5 113.3

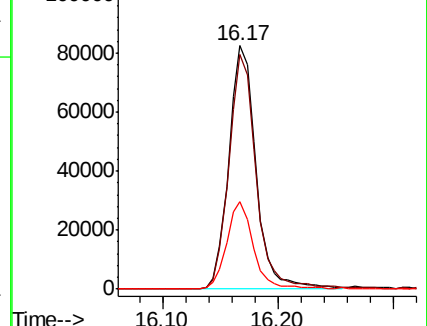
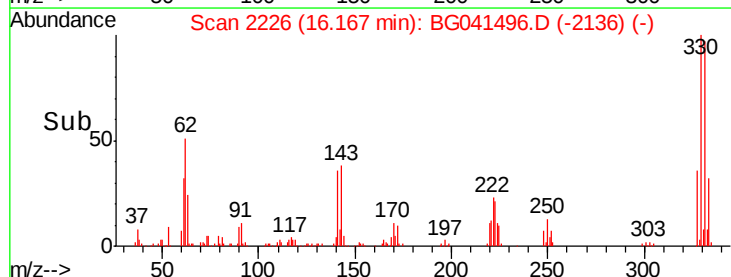
141 34.9 27.8 41.6

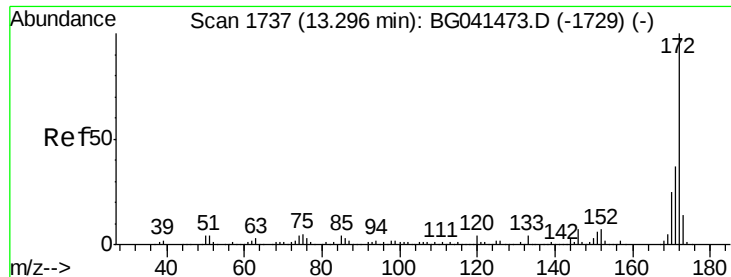


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

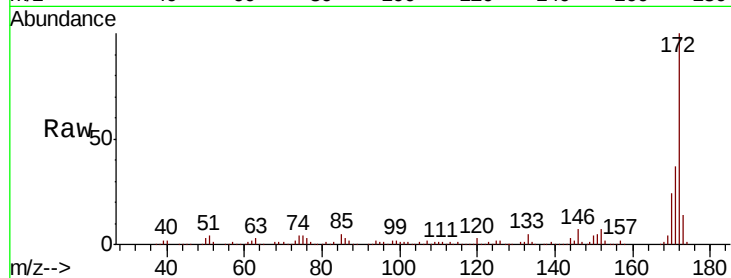




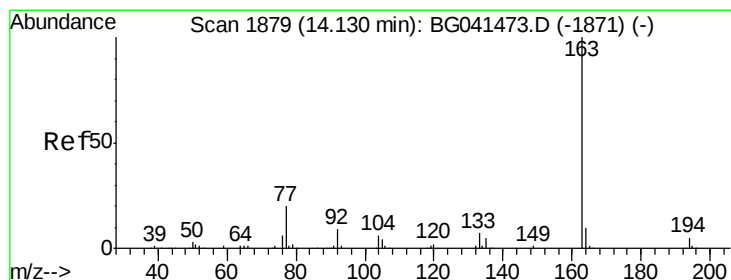
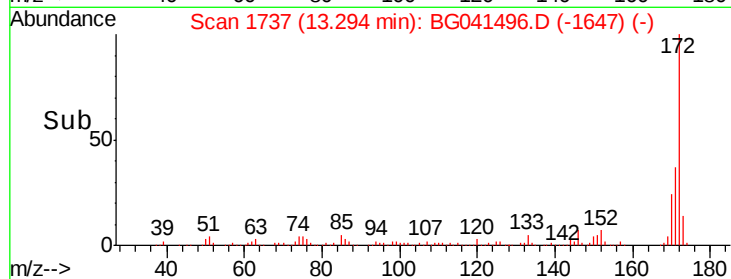
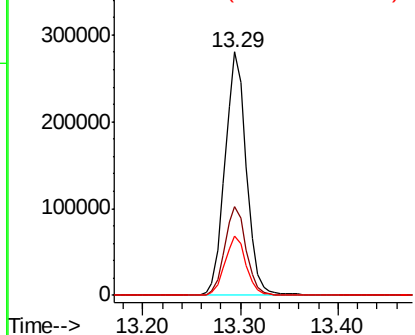
#45
 2-Fluorobiphenyl
 Concen: 75.577 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041496.D
 Acq: 27 Jun 2019 20:13

Instrument :
 BNA_G
 ClientSampleId :
 M-3

Tgt Ion:172 Resp: 426092
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.5 20.0 30.0

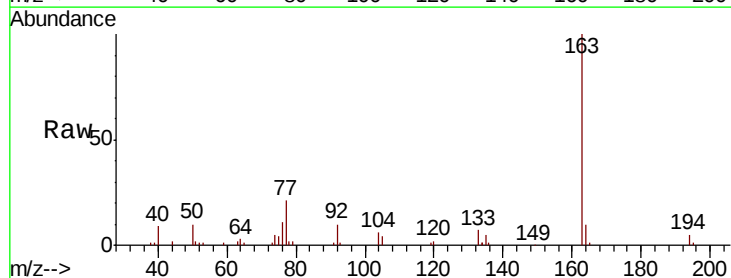


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

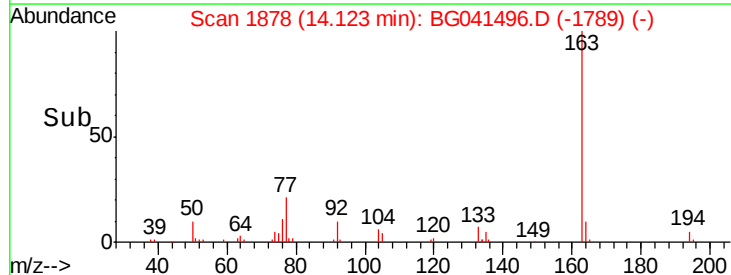
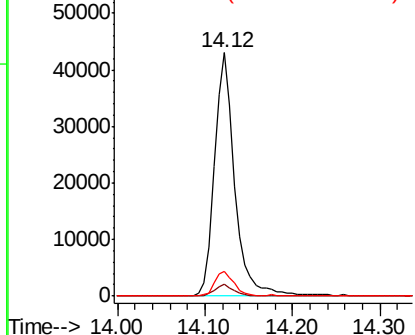


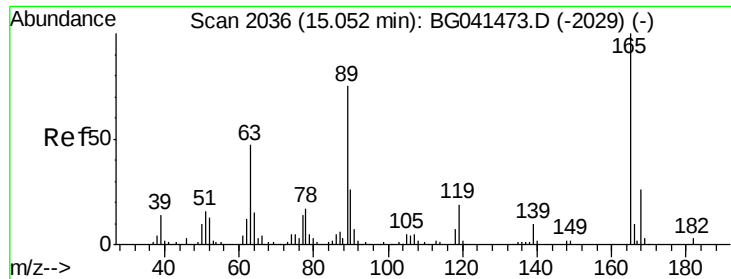
#50
 Dimethylphthalate
 Concen: 10.519 ng
 RT: 14.12 min Scan# 1878
 Delta R.T. -0.01 min
 Lab File: BG041496.D
 Acq: 27 Jun 2019 20:13

Tgt Ion:163 Resp: 69255
 Ion Ratio Lower Upper
 163 100
 194 5.1 3.7 5.5
 164 10.0 7.8 11.6



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

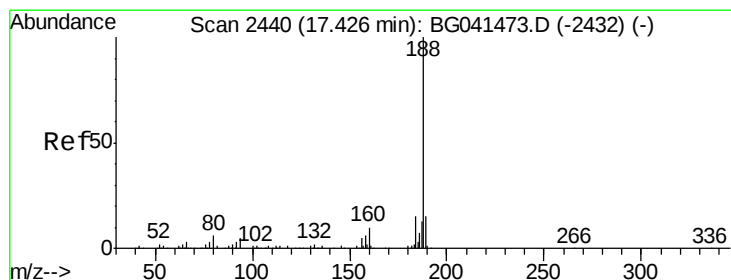
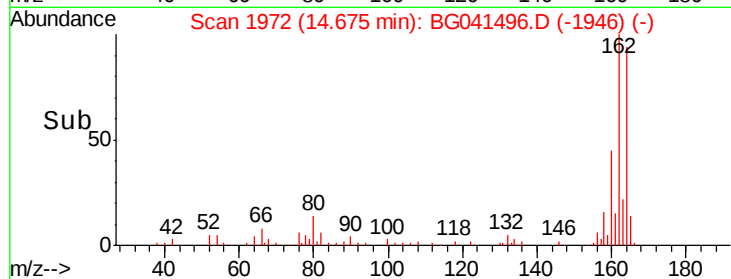
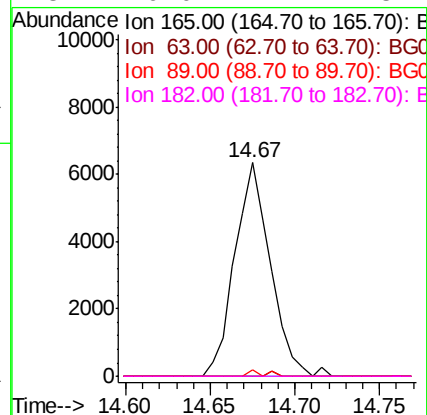
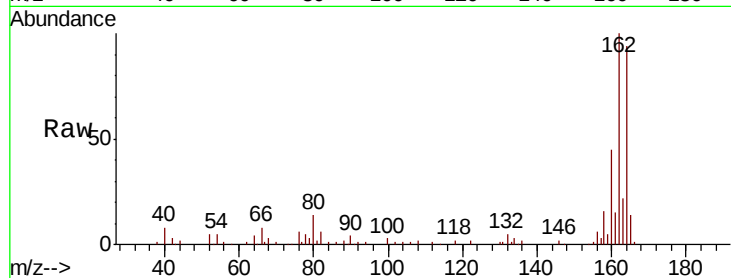




#57
 2,4-Dinitrotoluene
 Concen: 4.587 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.38 min
 Lab File: BG041496.D
 Acq: 27 Jun 2019 20:13

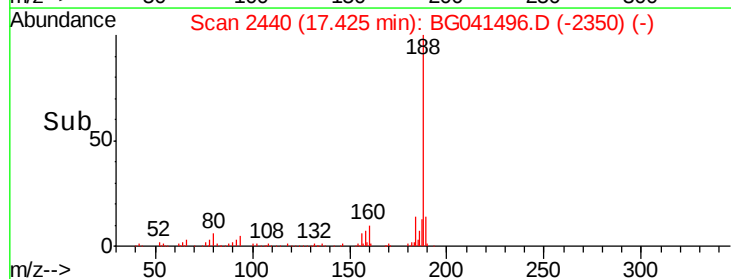
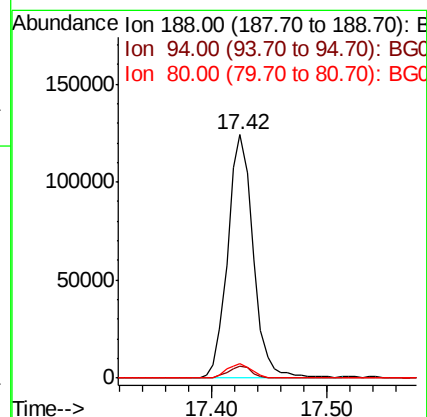
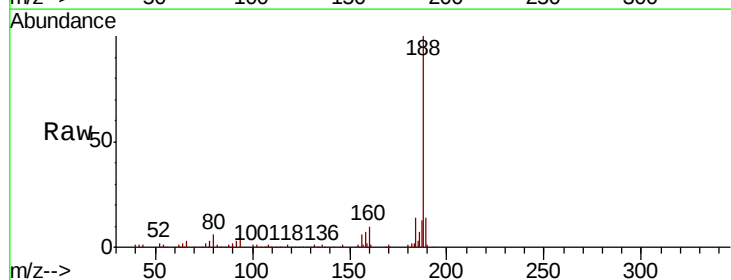
Instrument :
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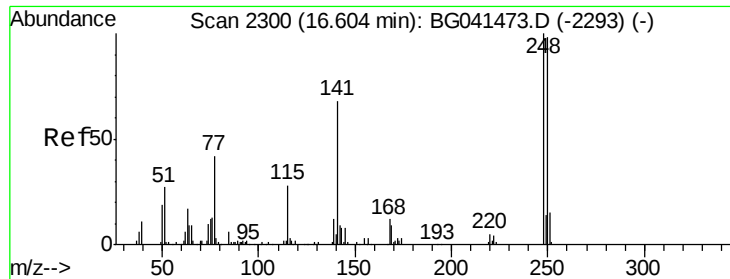
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.8	58.2#
89	2.9	60.1	90.1#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.00 min
 Lab File: BG041496.D
 Acq: 27 Jun 2019 20:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.0	3.8	5.8
80	5.9	4.8	7.2

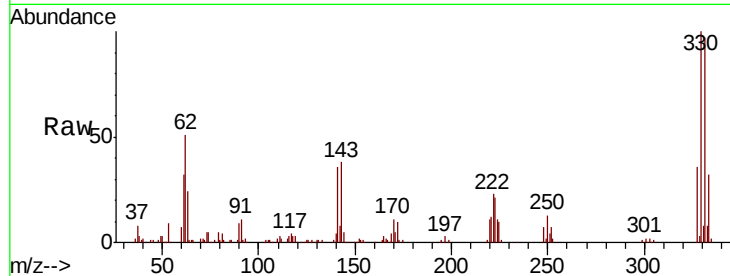




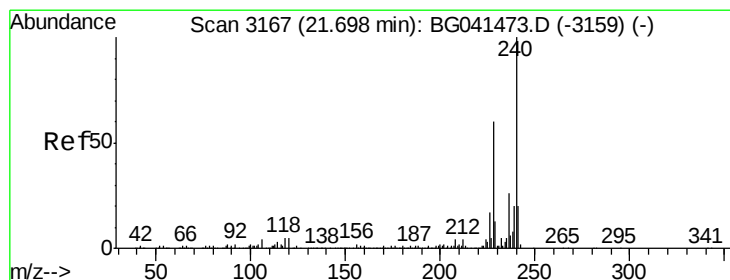
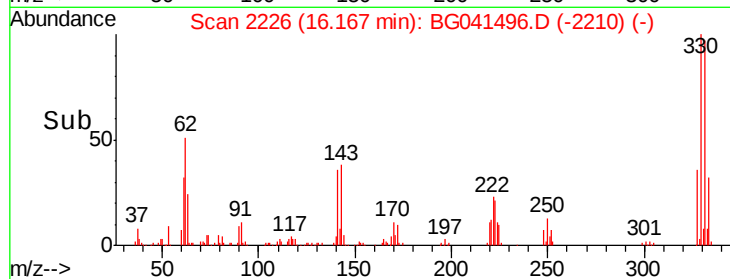
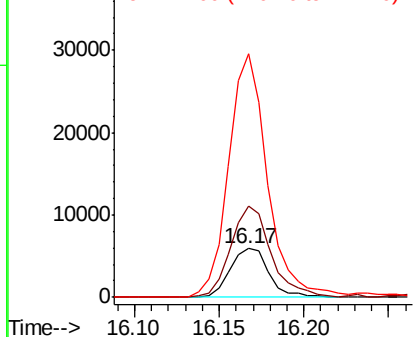
#67
 4-Bromophenyl-phenylether
 Concen: 3.641 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.44 min
 Lab File: BG041496.D
 Acq: 27 Jun 2019 20:13

Instrument :
 BNA_G
 ClientSampleId :
 M-3

Tgt Ion:248 Resp: 9495
 Ion Ratio Lower Upper
 248 100
 250 187.1 78.1 117.1#
 141 498.9 54.1 81.1#

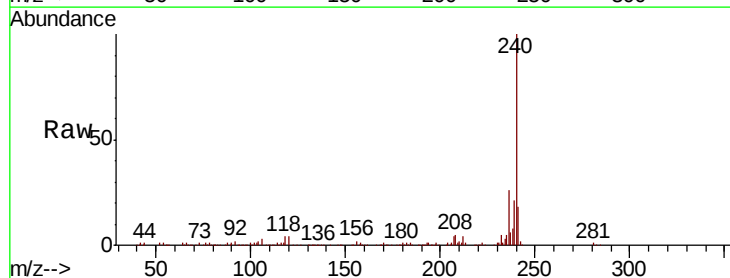


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

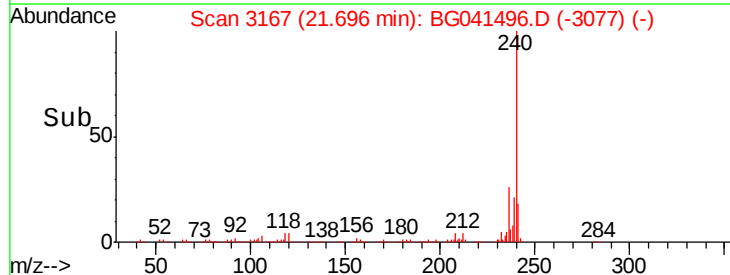
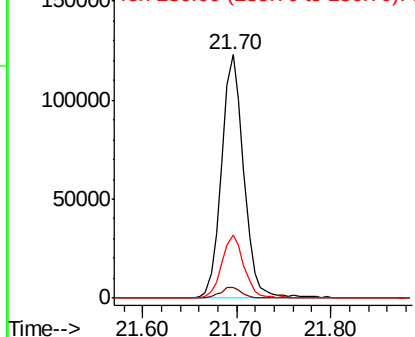


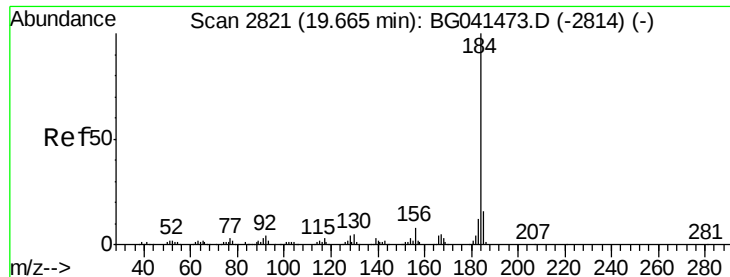
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG041496.D
 Acq: 27 Jun 2019 20:13

Tgt Ion:240 Resp: 203028
 Ion Ratio Lower Upper
 240 100
 120 4.2 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: 2.858 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.36 min

Lab File: BG041496.D

Acq: 27 Jun 2019 20:13

Instrument :

BNA_G

ClientSampleId :

M-3

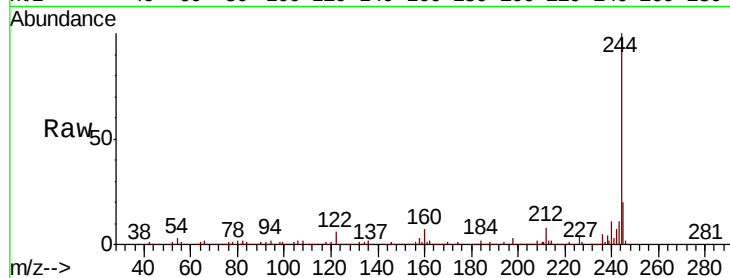
Tgt Ion:184 Resp: 12876

Ion Ratio Lower Upper

184 100

185 18.5 12.7 19.1

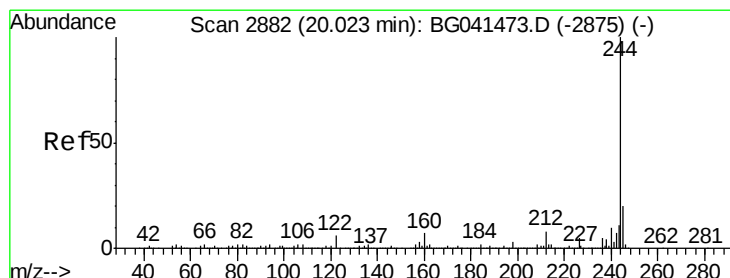
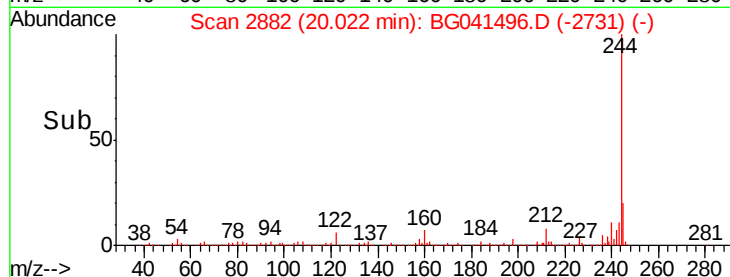
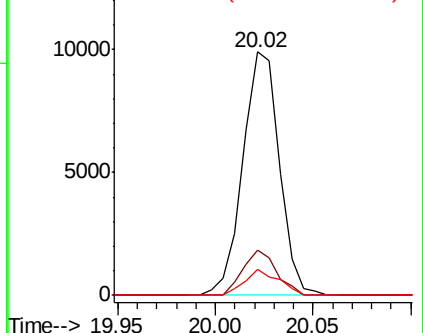
183 10.8 9.4 14.2



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: 83.651 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG041496.D

Acq: 27 Jun 2019 20:13

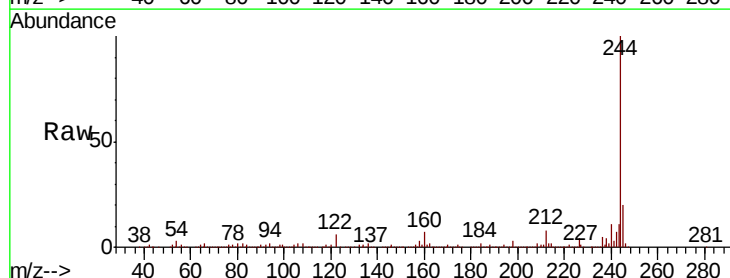
Tgt Ion:244 Resp: 799194

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.4

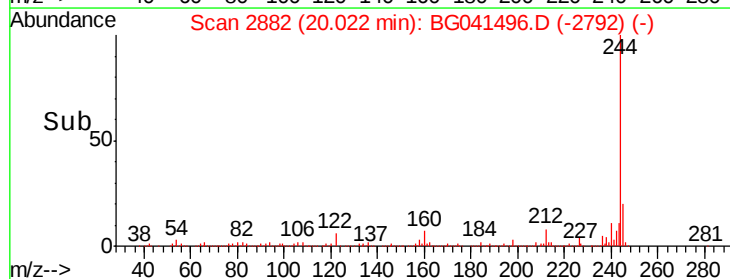
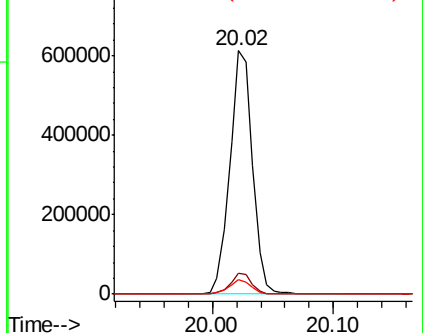
122 5.9 4.8 7.2

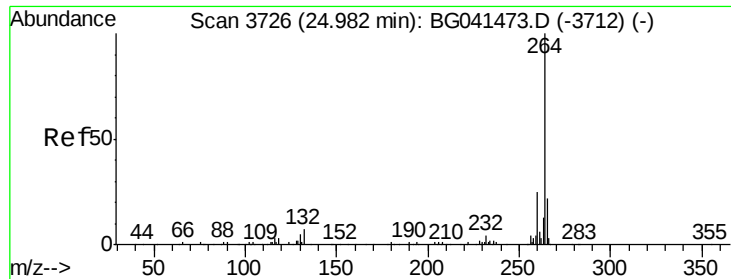


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG041496.D
Acq: 27 Jun 2019 20:13

Instrument :
BNA_G
ClientSampleId :
M-3

Tgt Ion: 264 Resp: 214447

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.7	29.5
265	20.5	17.4	26.2

