

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
 Data File : BG041482.D
 Acq On : 27 Jun 2019 9:18
 Operator : HP/JU
 Sample : K3484-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 11:33:43 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 06:49:14 2019
 Response via : Initial Calibration

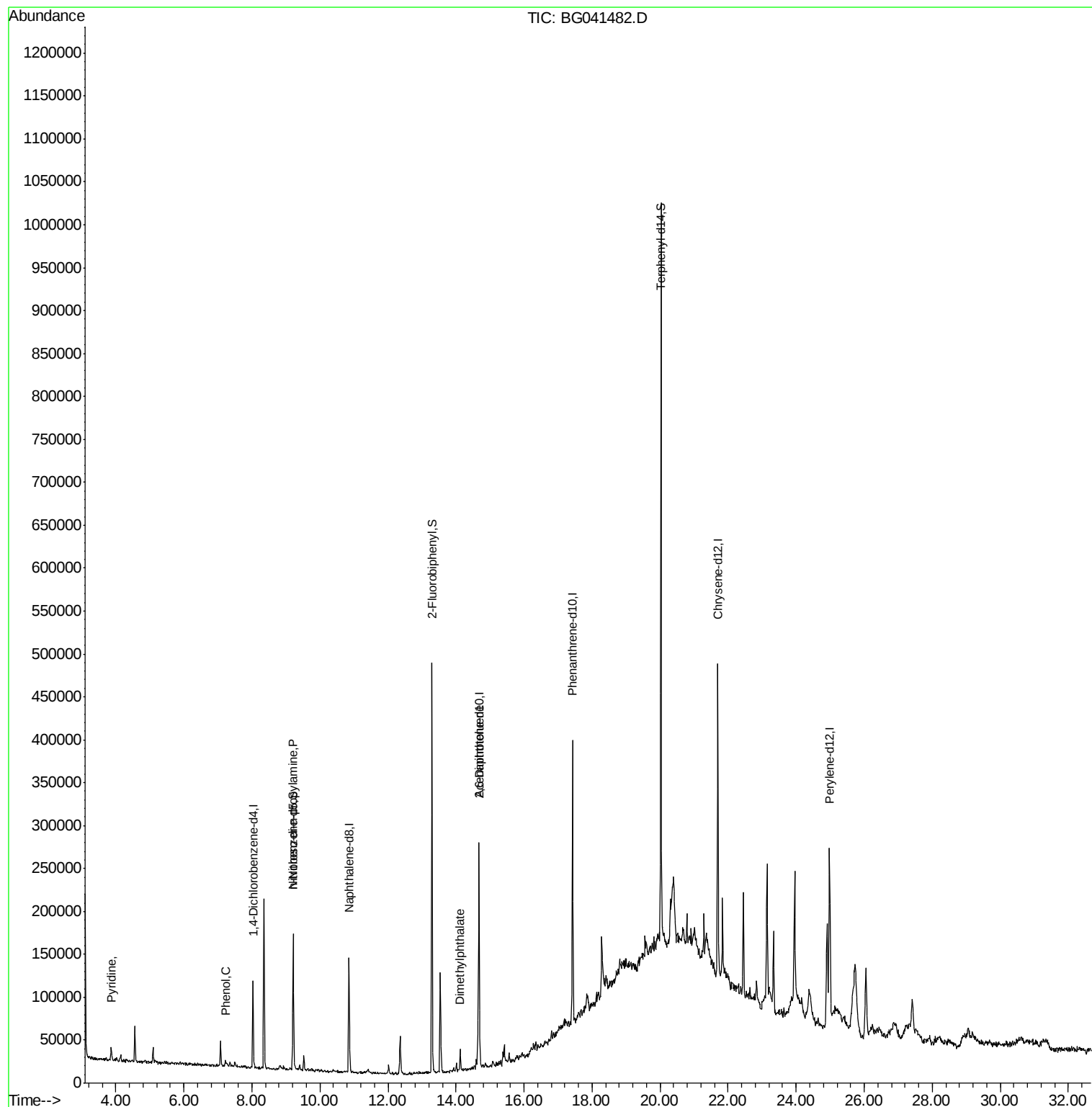
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	28165	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	111989	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	84437	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	212335	20.00	ng	0.00
76) Chrysene-d12	21.70	240	225507	20.00	ng	0.00
87) Perylene-d12	24.98	264	251362	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	7.20	99	277	0.12	ng	0.02
23) Nitrobenzene-d5	9.21	82	103965	38.72	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	199	0.14	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	244067	37.09	ng	0.00
79) Terphenyl-d14	20.02	244	400875	37.78	ng	0.00
Target Compounds						
3) Pyridine	3.87	79	4523	2.493	ng	Qvalue # 25
10) Phenol	7.23	94	4618	2.060	ng	# 94
19) n-Nitroso-di-n-propylamine	9.21	70	14459	8.716	ng	# 76
50) Dimethylphthalate	14.12	163	16311	2.123	ng	# 97
51) 2,6-Dinitrotoluene	14.68	165	11669	7.156	ng	# 20

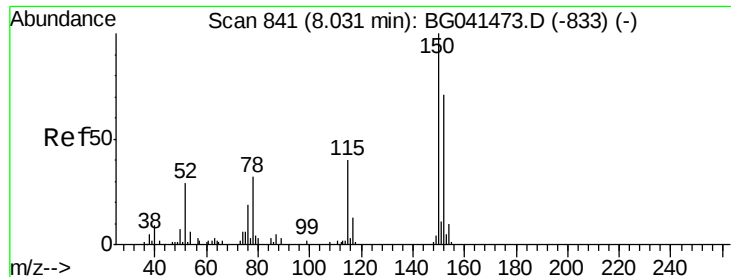
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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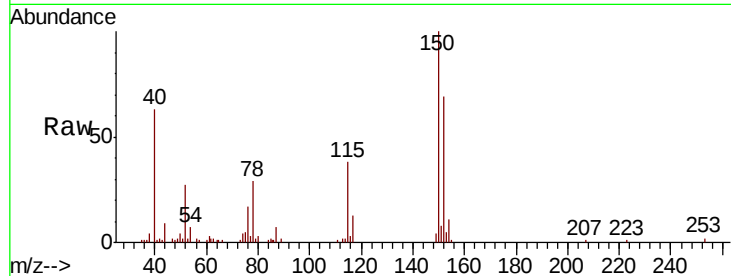


#1

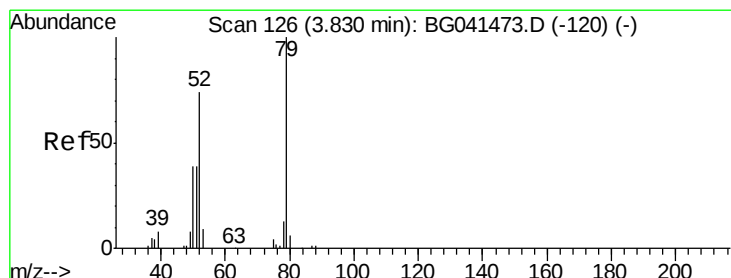
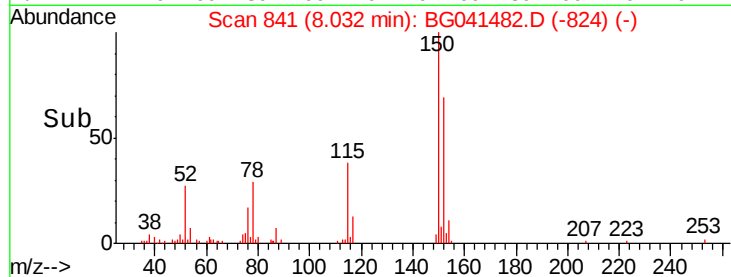
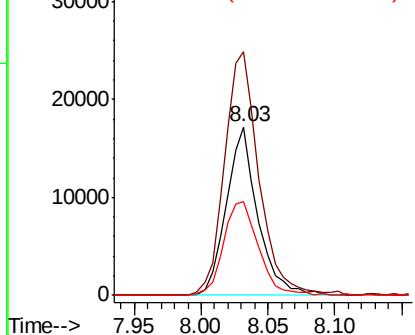
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BG041482.D
Acq: 27 Jun 2019 9:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 28165
Ion Ratio Lower Upper
152 100
150 144.7 112.4 168.6
115 55.4 44.6 66.8



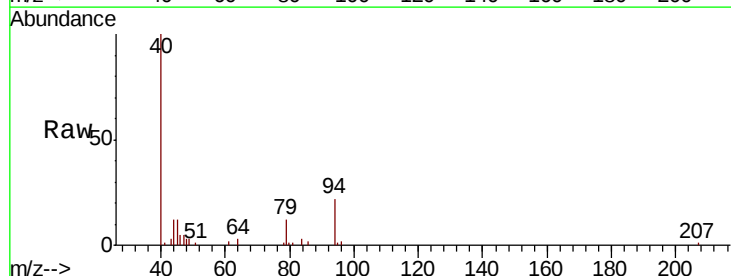
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



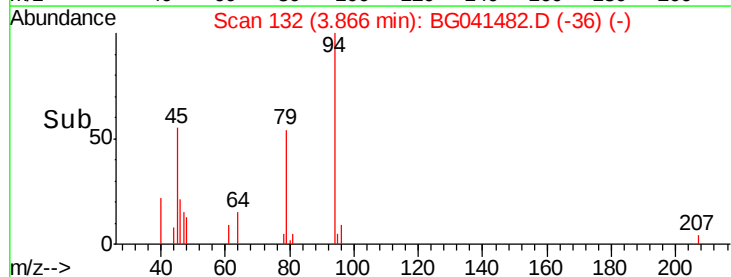
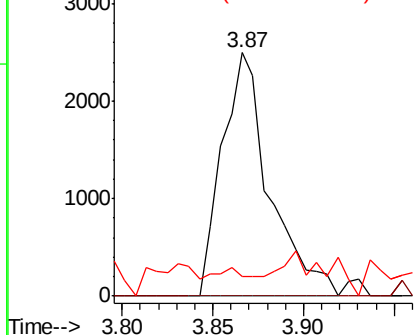
#3

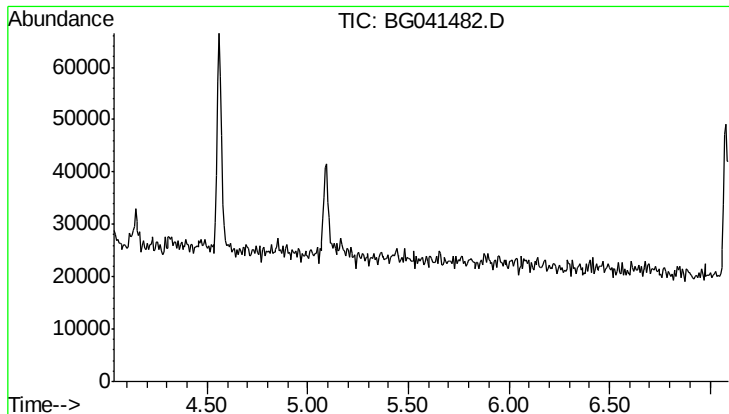
Pyridine
Concen: 2.493 ng
RT: 3.87 min Scan# 132
Delta R.T. 0.04 min
Lab File: BG041482.D
Acq: 27 Jun 2019 9:18

Tgt Ion: 79 Resp: 4523
Ion Ratio Lower Upper
79 100
52 0.0 59.4 89.0#
51 8.1 32.3 48.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC





#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.56 min

Lab File: BG041482.D

Acq: 27 Jun 2019 9:18

Instrument :

BNA_G

ClientSampleId :

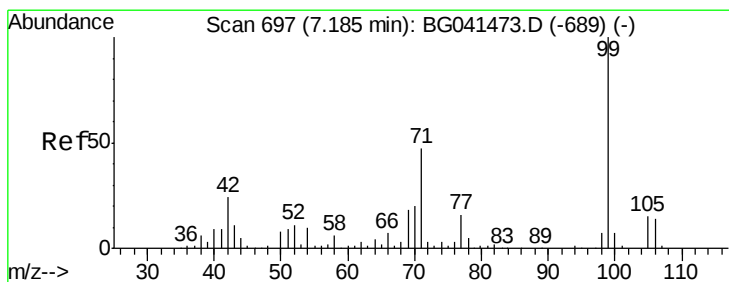
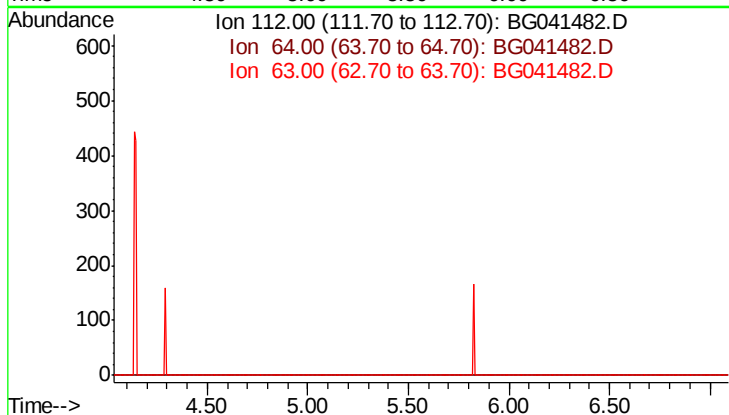
Tot Ion: 112

Sig Exp Ratio

112 100

64 68.9

63 40.5



#7

Phenol-d6

Concen: 0.125 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.02 min

Lab File: BG041482.D

Acq: 27 Jun 2019 9:18

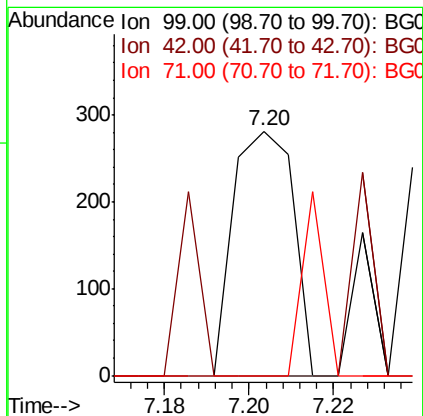
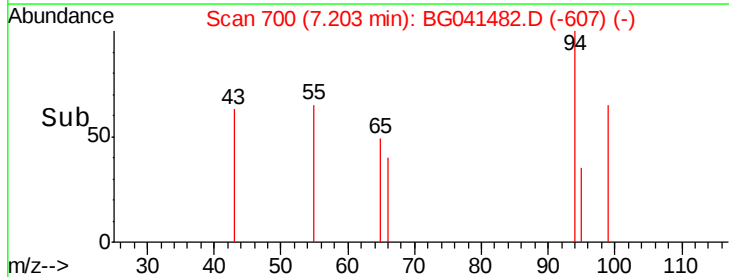
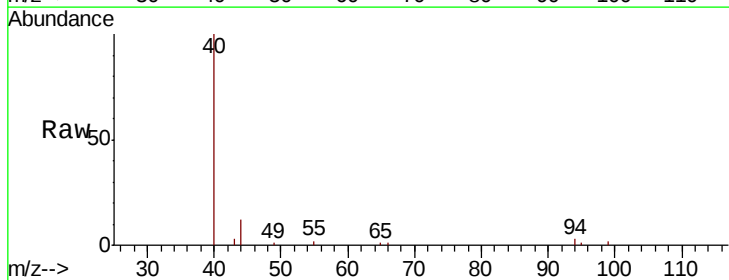
Tgt Ion: 99 Resp: 277

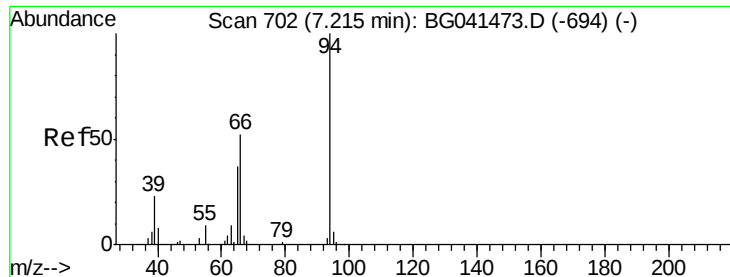
Ion Ratio Lower Upper

99 100

42 0.0 19.0 28.6#

71 0.0 37.4 56.2#





#10

Phenol

Concen: 2.060 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.02 min

Lab File: BG041482.D

Acq: 27 Jun 2019 9:18

Instrument :

BNA_G

ClientSampled :

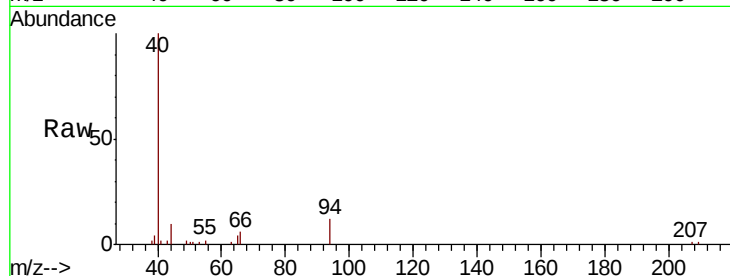
Tot Ion: 94 Resp: 4618

Ion Ratio Lower Upper

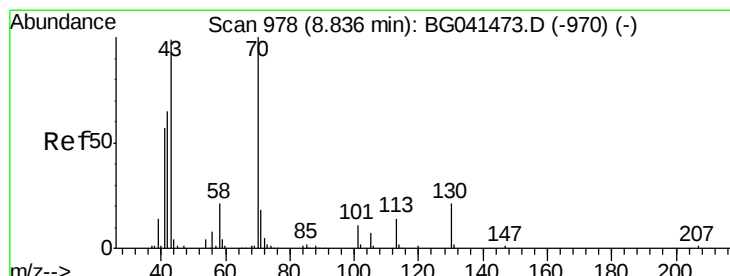
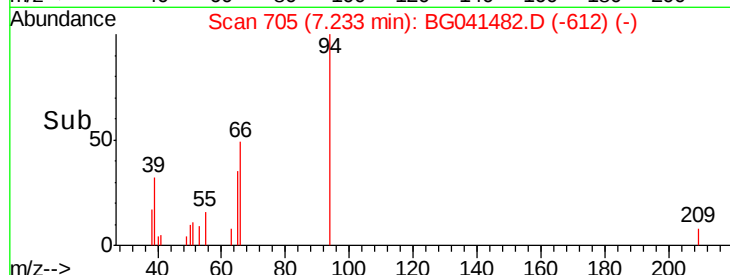
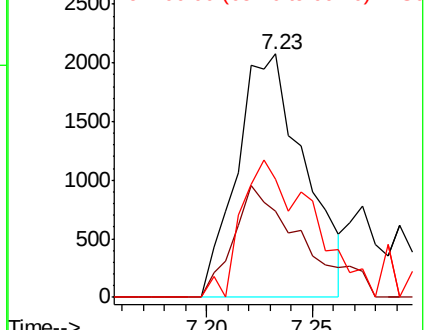
94 100

65 35.4 17.9 57.9

66 48.7 34.4 74.4



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: 8.716 ng

RT: 9.21 min Scan# 1042

Delta R.T. 0.38 min

Lab File: BG041482.D

Acq: 27 Jun 2019 9:18

Tgt Ion: 70 Resp: 14459

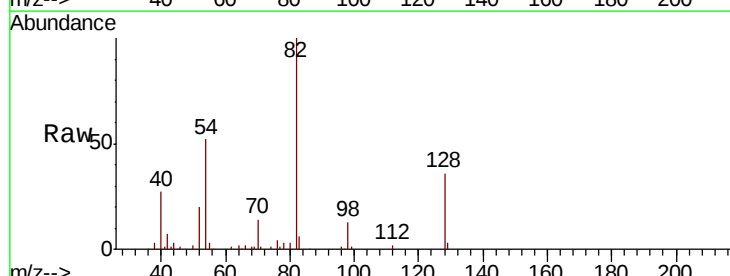
Ion Ratio Lower Upper

70 100

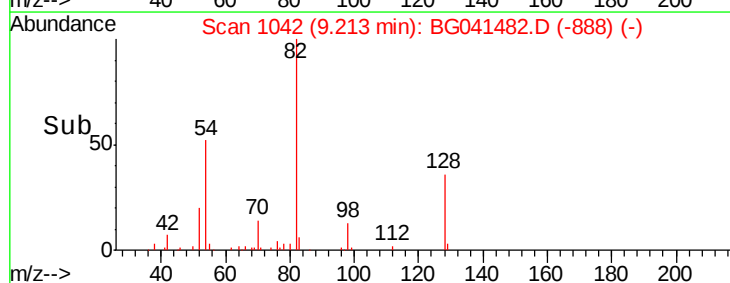
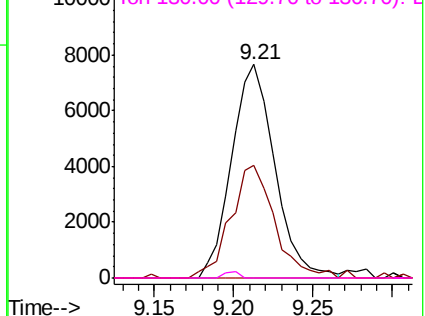
42 52.6 52.6 78.8

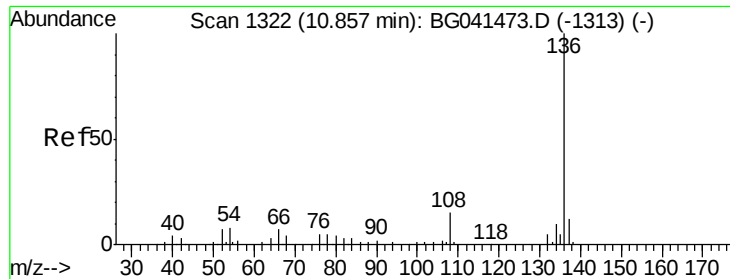
101 0.0 8.6 13.0#

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

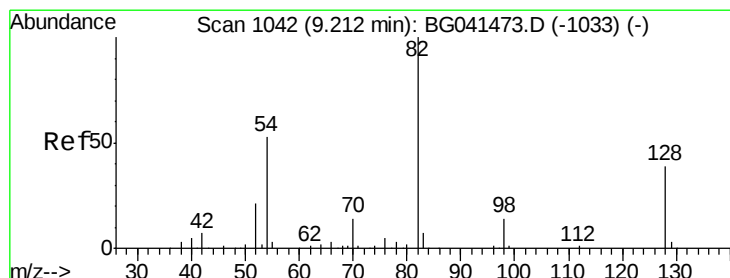
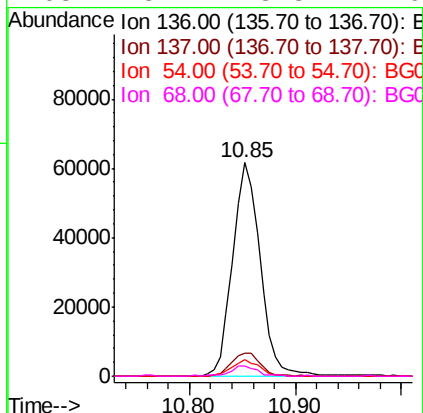
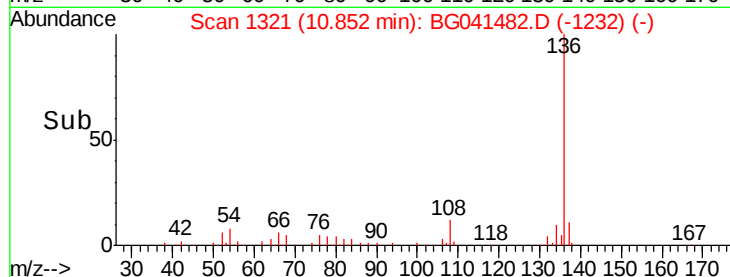
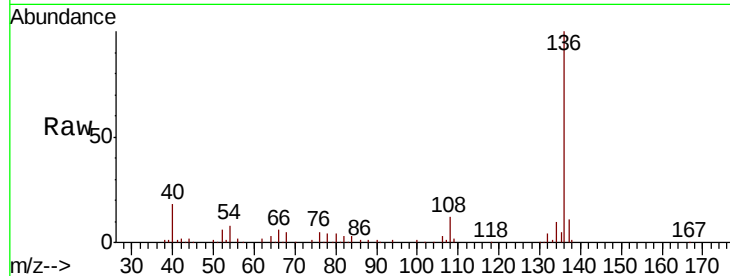




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041482.D
Acq: 27 Jun 2019 9:18

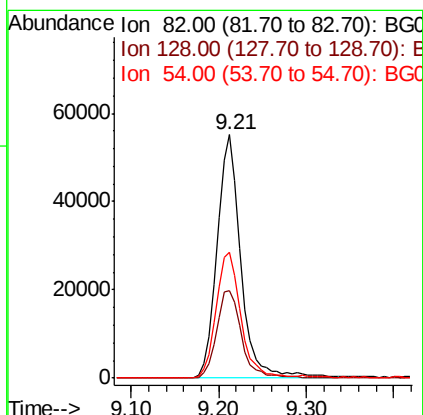
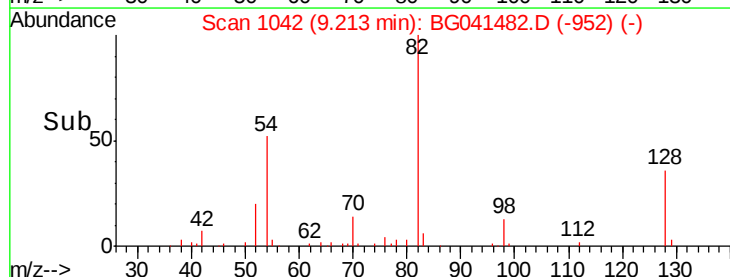
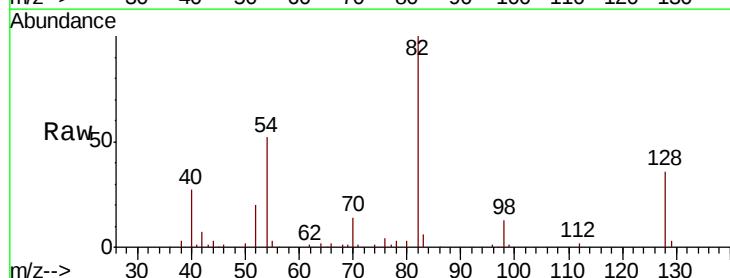
Instrument :
BNA_G
ClientSampleId :

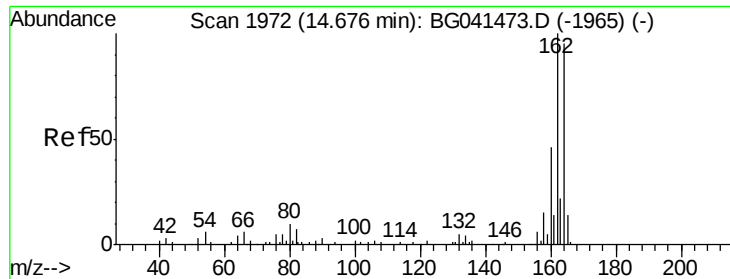
Tot Ion:136	Resp:	111989
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.3 13.9
54	7.8	7.1 10.7
68	5.1	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 38.719 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG041482.D
Acq: 27 Jun 2019 9:18

Tgt Ion: 82	Resp:	103965
Ion Ratio	Lower	Upper
82	100	
128	35.7	30.9 46.3
54	51.9	42.2 63.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG041482.D

Acq: 27 Jun 2019 9:18

Instrument :

BNA_G

ClientSampleId :

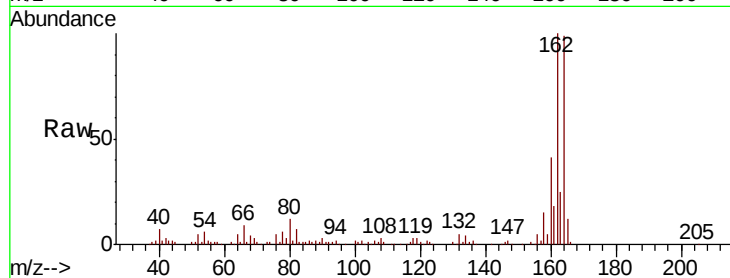
Tot Ion:164 Resp: 84437

Ion Ratio Lower Upper

164 100

162 101.1 84.4 126.6

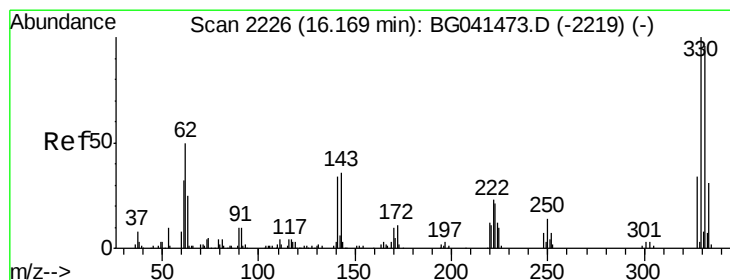
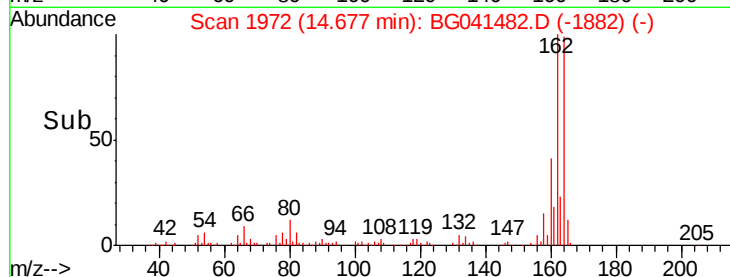
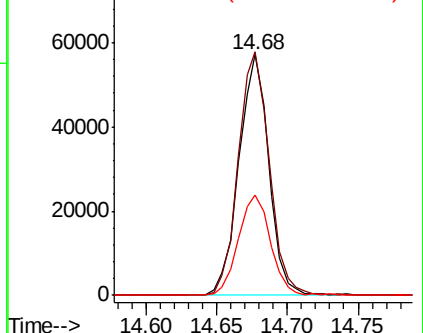
160 41.5 38.8 58.2



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: 0.138 ng

RT: 16.18 min Scan# 2227

Delta R.T. 0.01 min

Lab File: BG041482.D

Acq: 27 Jun 2019 9:18

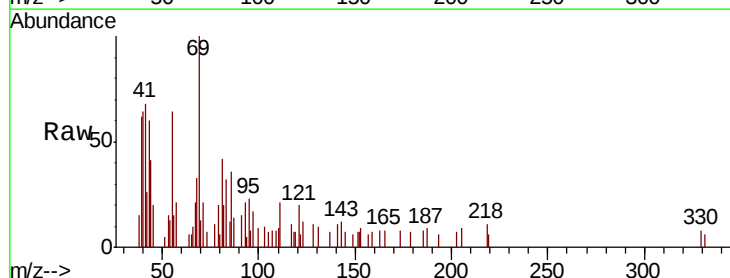
Tgt Ion:330 Resp: 199

Ion Ratio Lower Upper

330 100

332 75.4 75.5 113.3#

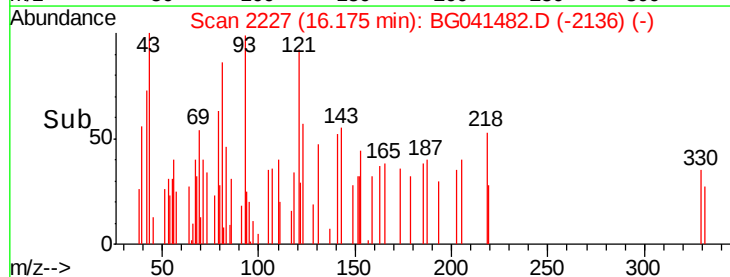
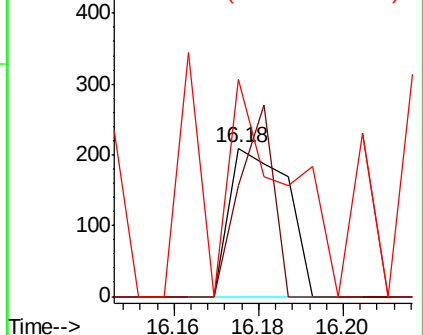
141 144.2 27.8 41.6#

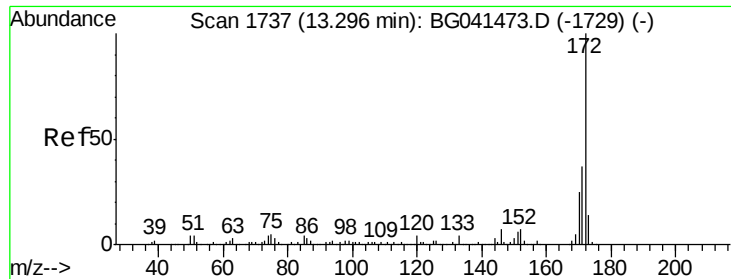


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

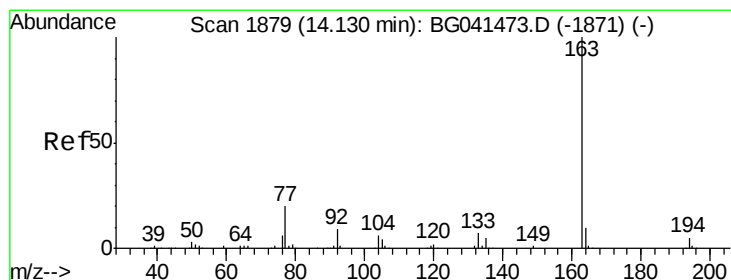
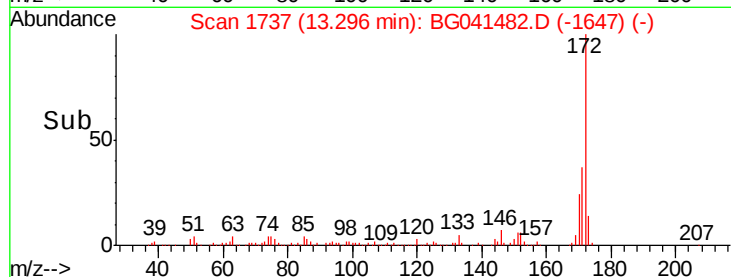
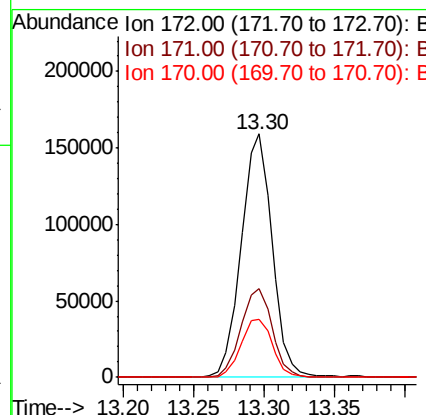
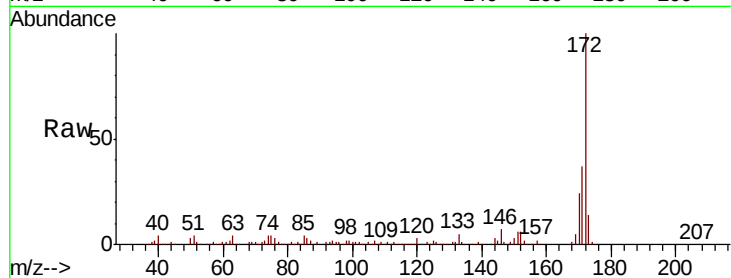




#45
2-Fluorobiphenyl
Concen: 37.093 ng
RT: 13.30 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BG041482.D
Acq: 27 Jun 2019 9:18

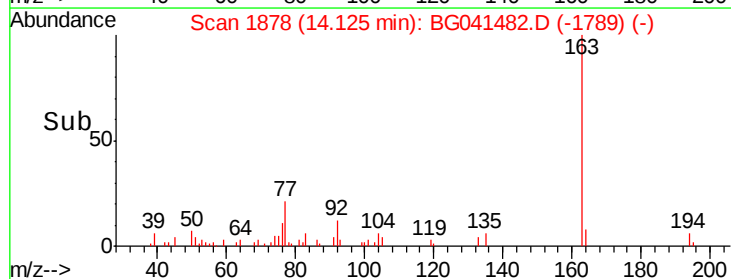
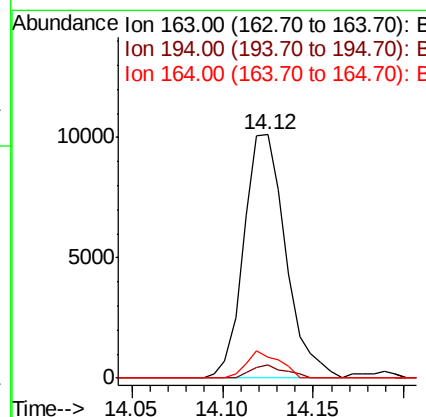
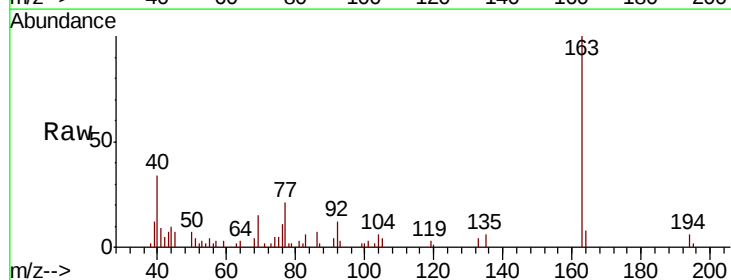
Instrument :
BNA_G
ClientSampleId :

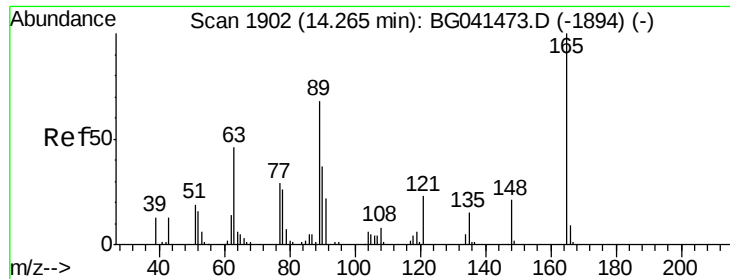
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.8	20.0	30.0



#50
Dimethylphthalate
Concen: 2.123 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG041482.D
Acq: 27 Jun 2019 9:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.6	3.7	5.5#
164	8.5	7.8	11.6





#51

2,6-Dinitrotoluene

Concen: 7.156 ng

RT: 14.68 min Scan# 1972

Delta R.T. 0.41 min

Lab File: BG041482.D

Acq: 27 Jun 2019 9:18

Instrument :

BNA_G

ClientSampleId :

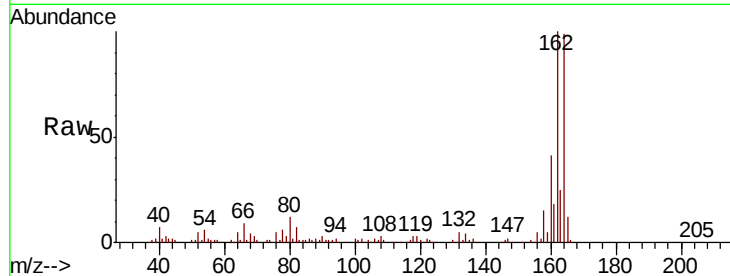
Tot Ion:165 Resp: 11669

Ion Ratio Lower Upper

165 100

63 3.9 56.4 84.6#

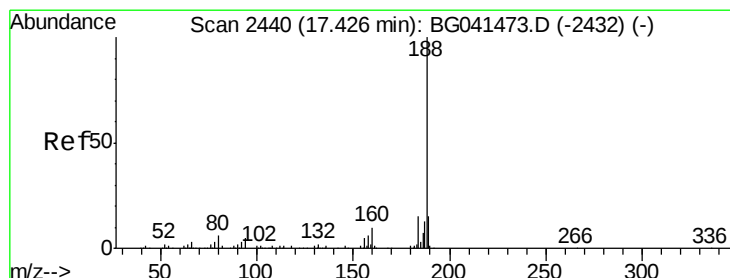
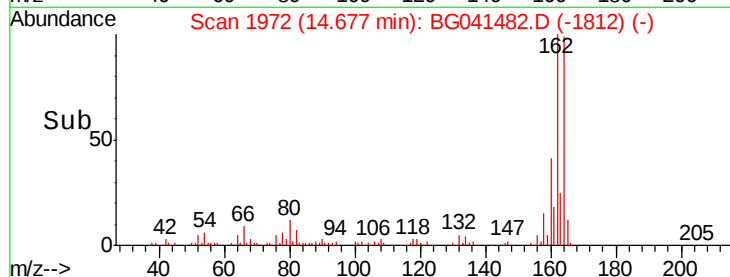
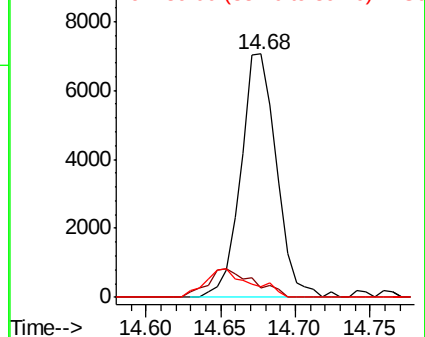
89 4.5 54.6 81.8#



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG041482.D

Acq: 27 Jun 2019 9:18

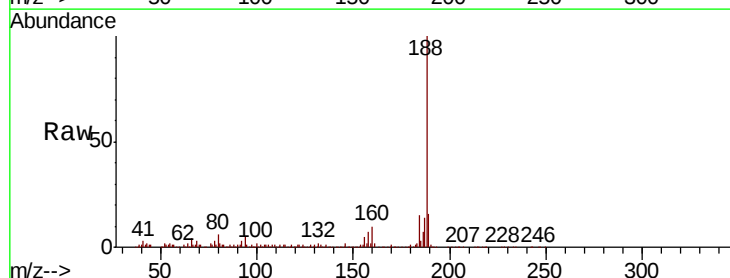
Tgt Ion:188 Resp: 212335

Ion Ratio Lower Upper

188 100

94 5.0 3.8 5.8

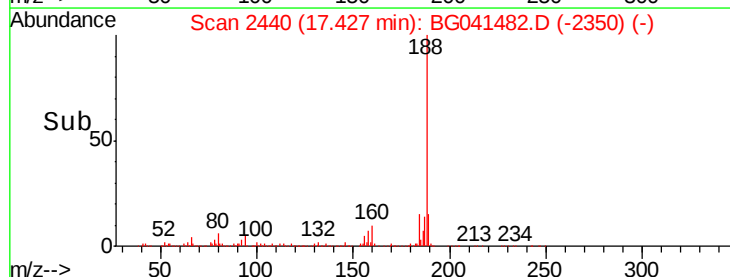
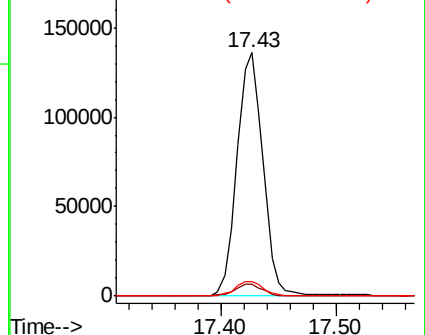
80 5.8 4.8 7.2

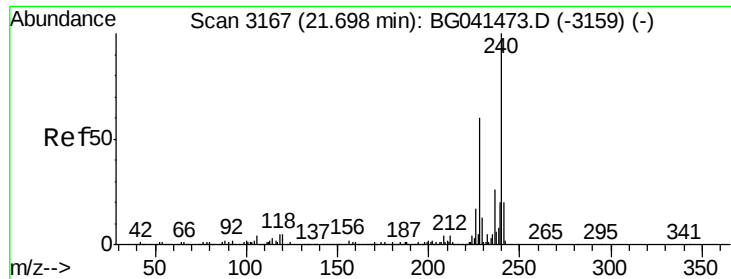


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

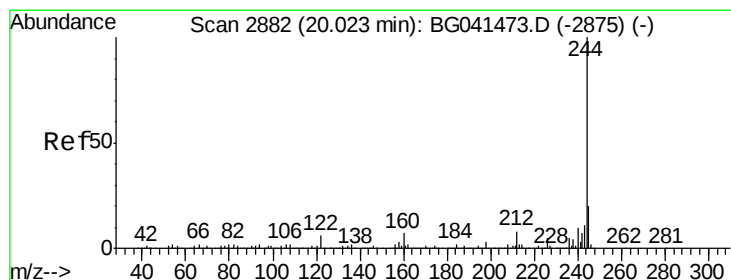
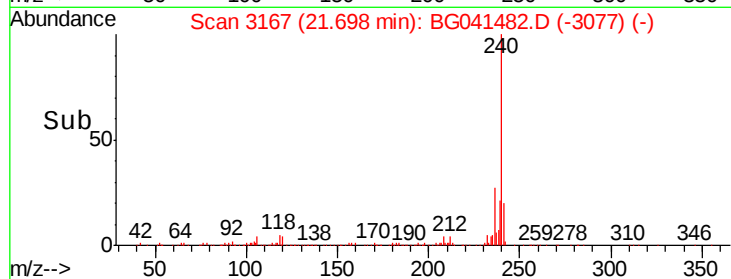
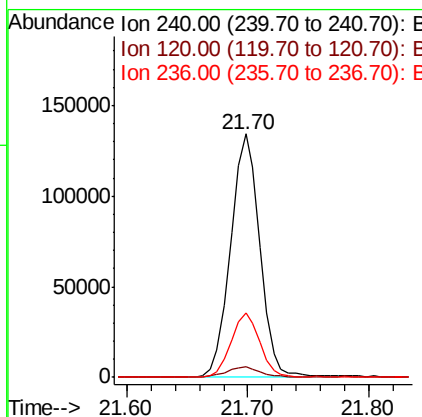
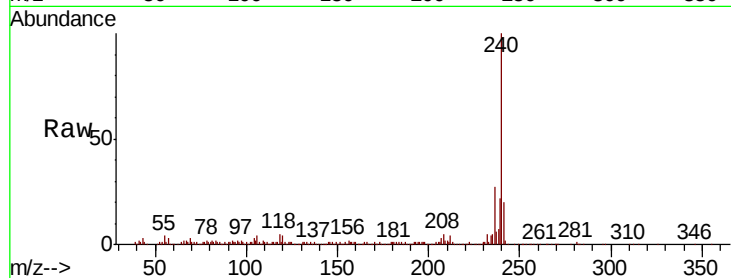




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. 0.00 min
 Lab File: BG041482.D
 Acq: 27 Jun 2019 9:18

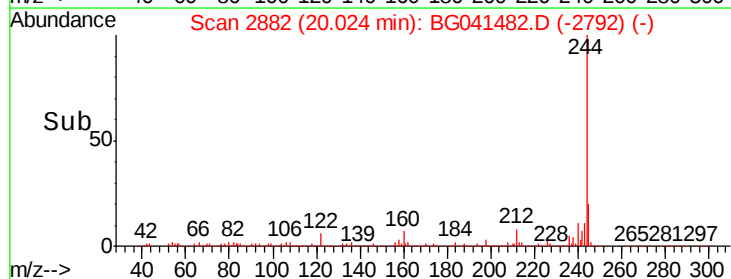
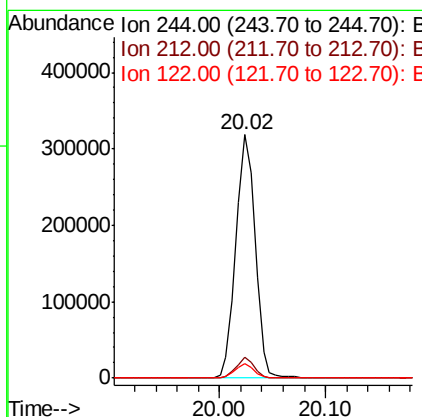
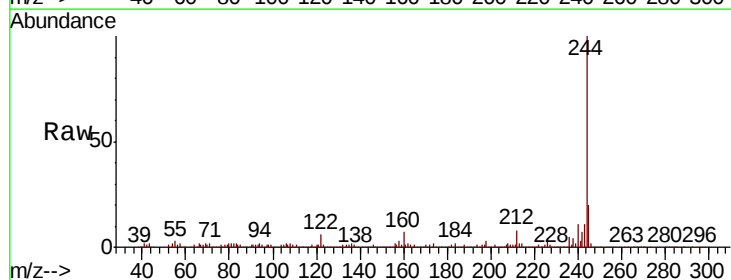
Instrument :
 BNA_G
 ClientSampleId :

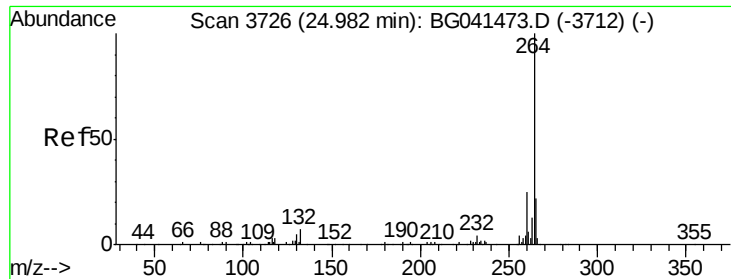
Tot Ion:240 Resp: 225507
 Ion Ratio Lower Upper
 240 100
 120 4.5 3.7 5.5
 236 26.7 20.8 31.2



#79
 Terphenyl-d14
 Concen: 37.777 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. 0.00 min
 Lab File: BG041482.D
 Acq: 27 Jun 2019 9:18

Tgt Ion:244 Resp: 400875
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.2 9.4
 122 5.7 4.8 7.2

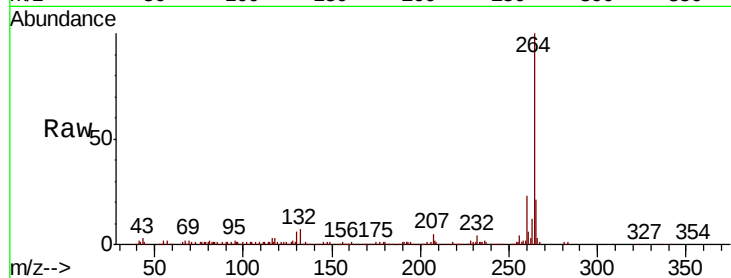




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. 0.00 min
Lab File: BG041482.D
Acq: 27 Jun 2019 9:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.7	29.5
265	20.7	17.4	26.2



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

