

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062819\
 Data File : BG041522.D
 Acq On : 28 Jun 2019 21:04
 Operator : HP/JU
 Sample : K3580-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-12-COMP

Quant Time: Jun 29 01:51:18 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

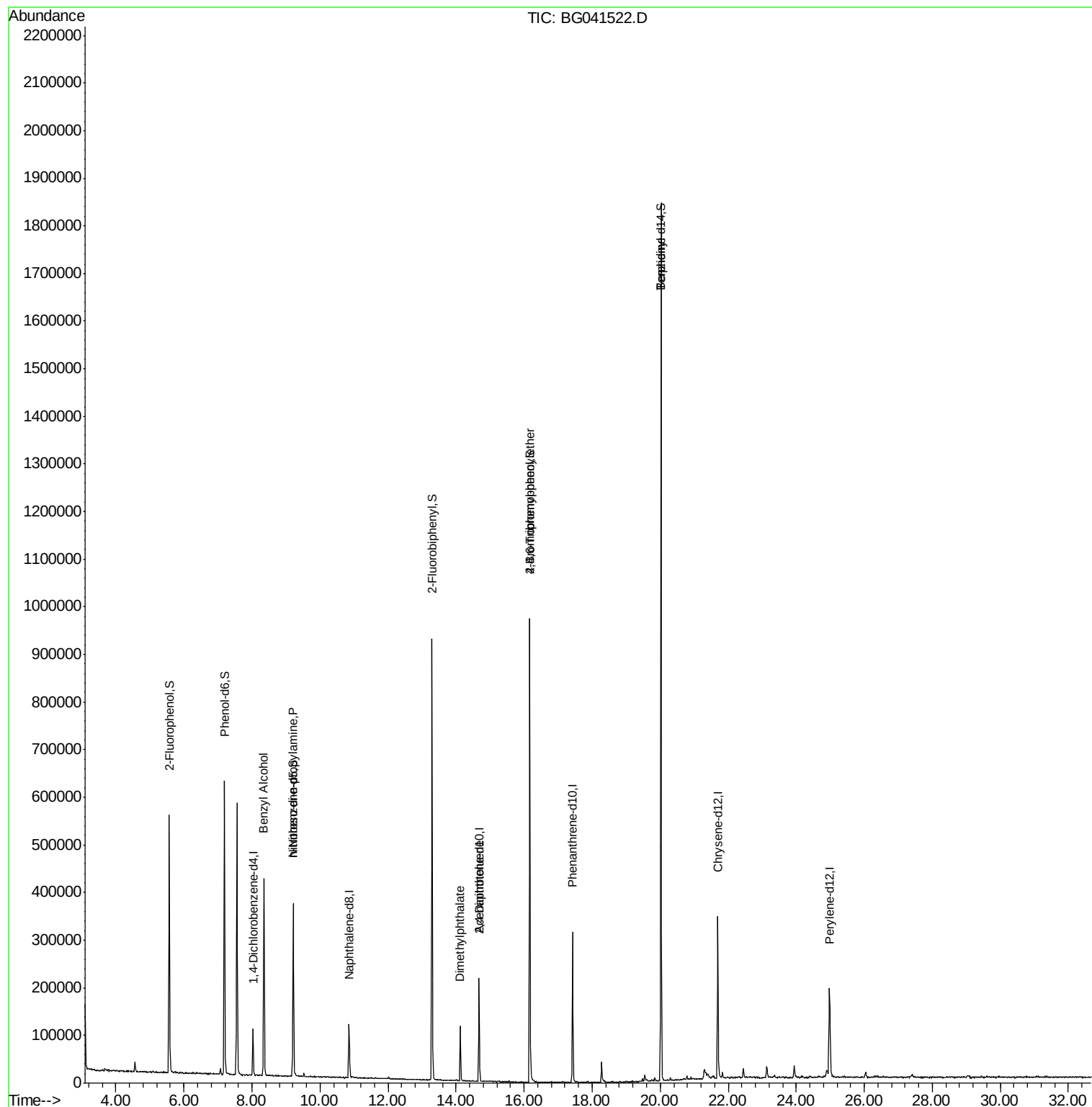
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	27605	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	99635	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	75857	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	203272	20.00	ng	0.00
76) Chrysene-d12	21.70	240	213675	20.00	ng	0.00
87) Perylene-d12	24.98	264	226329	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	212112	136.99	ng	0.00
7) Phenol-d6	7.19	99	315471	144.73	ng	0.00
23) Nitrobenzene-d5	9.21	82	221061	92.54	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	185465	143.19	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	470473	79.59	ng	0.00
79) Terphenyl-d14	20.02	244	922959	91.79	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.35	79	3714	2.140	ng	# 51
19) n-Nitroso-di-n-propylamine	9.21	70	31894	19.617	ng	# 70
50) Dimethylphthalate	14.12	163	80686	11.688	ng	# 99
57) 2,4-Dinitrotoluene	14.67	165	9687	4.558	ng	# 20
67) 4-Bromophenyl-phenylether	16.17	248	13245	4.768	ng	# 1
77) Benzidine	20.02	184	15126	3.190	ng	# 95

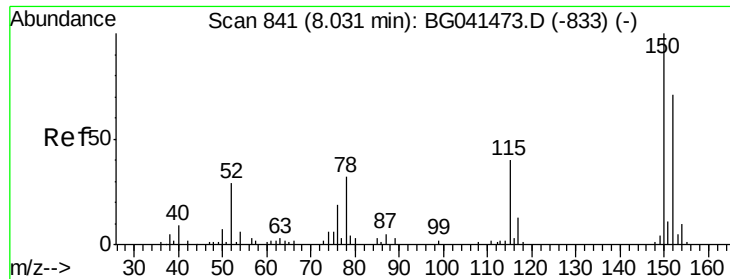
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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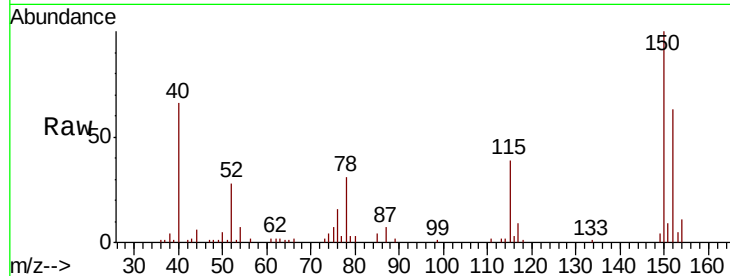


#1

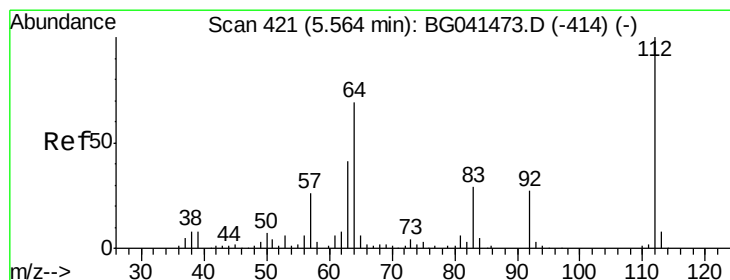
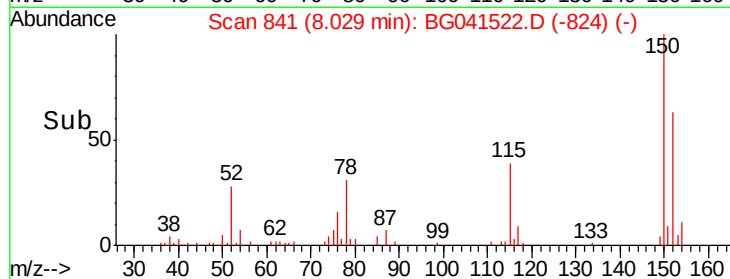
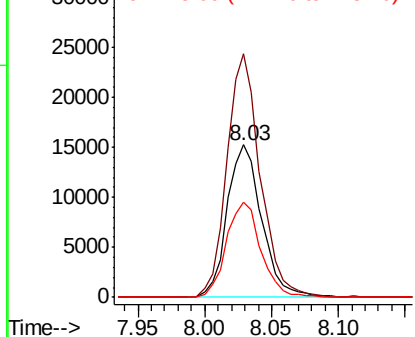
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041522.D
Acq: 28 Jun 2019 21:04

Instrument :
BNA_G
ClientSampleId :
SB-12-COMP

Tgt Ion:152 Resp: 27605
Ion Ratio Lower Upper
152 100
150 159.9 112.4 168.6
115 62.5 44.6 66.8



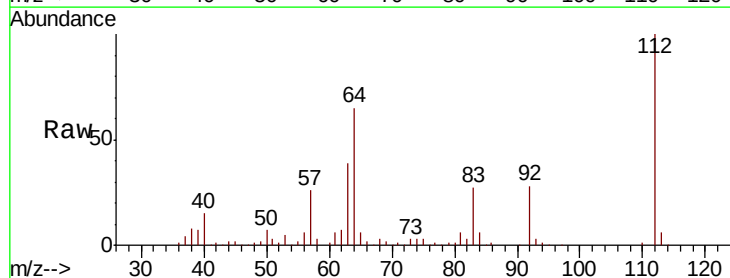
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



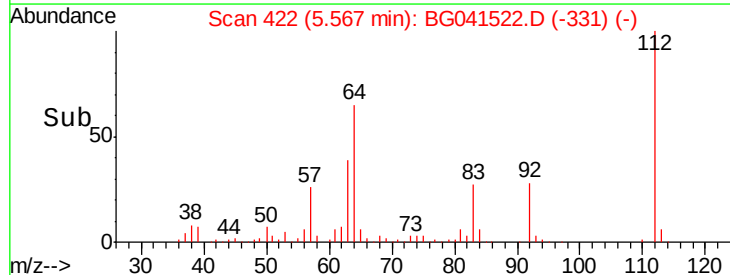
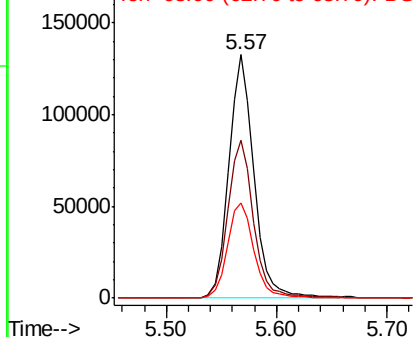
#5

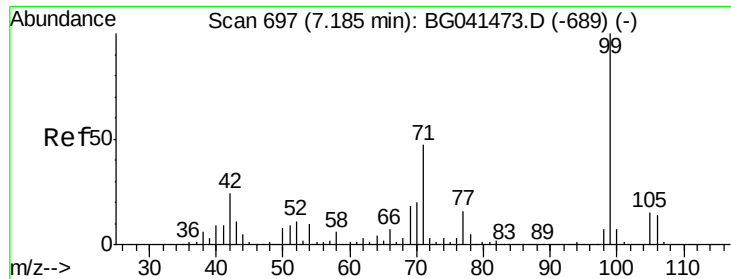
2-Fluorophenol
Concen: 136.991 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041522.D
Acq: 28 Jun 2019 21:04

Tgt Ion:112 Resp: 212112
Ion Ratio Lower Upper
112 100
64 65.1 55.1 82.7
63 38.8 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: 144.732 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041522.D

Acq: 28 Jun 2019 21:04

Instrument :

BNA_G

ClientSampleId :

SB-12-COMP

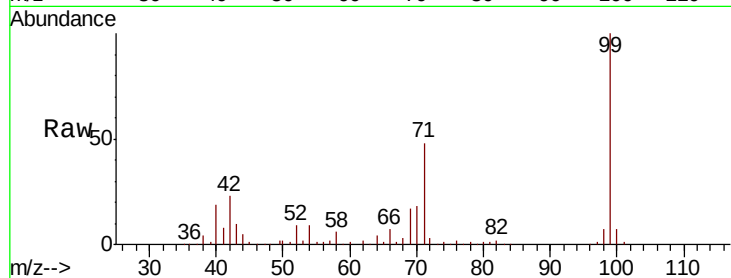
Tgt Ion: 99 Resp: 315471

Ion Ratio Lower Upper

99 100

42 23.1 19.0 28.6

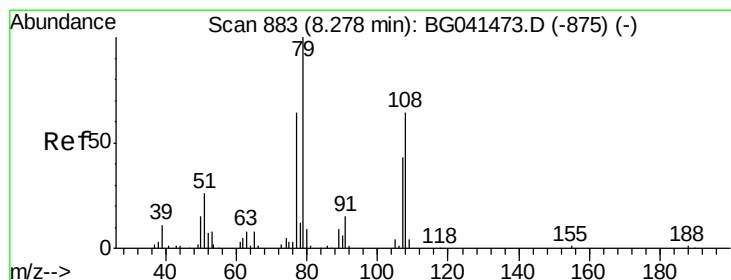
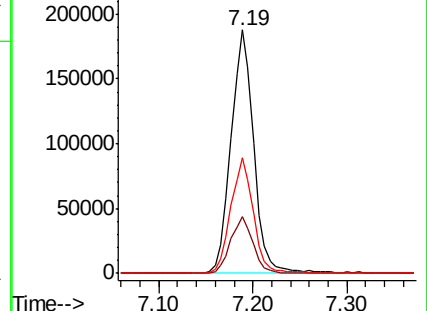
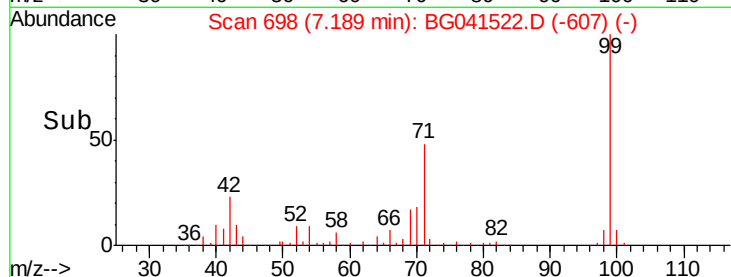
71 47.5 37.4 56.2



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



#15

Benzyl Alcohol

Concen: 2.140 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.07 min

Lab File: BG041522.D

Acq: 28 Jun 2019 21:04

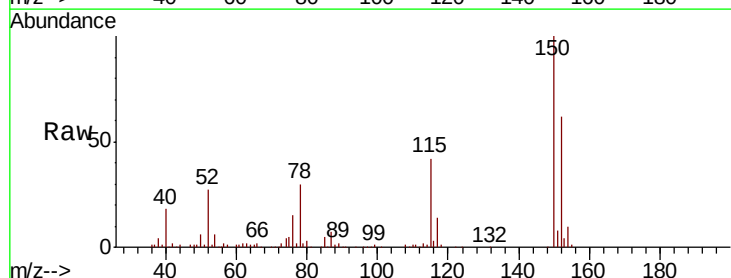
Tgt Ion: 79 Resp: 3714

Ion Ratio Lower Upper

79 100

108 30.2 51.4 77.0#

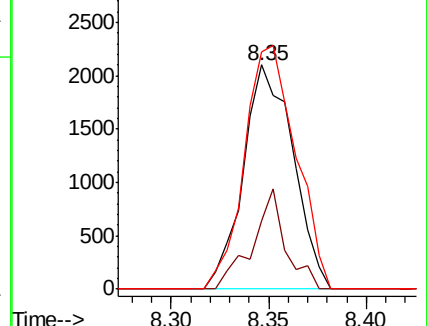
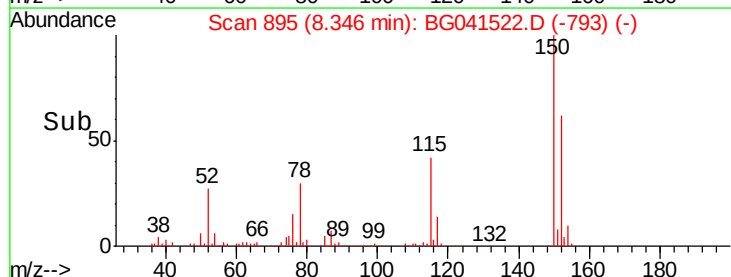
77 105.7 50.8 76.2#

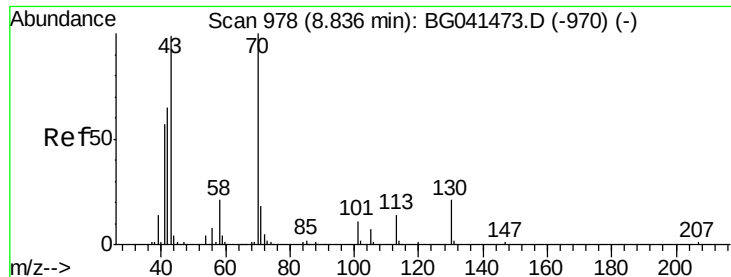


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

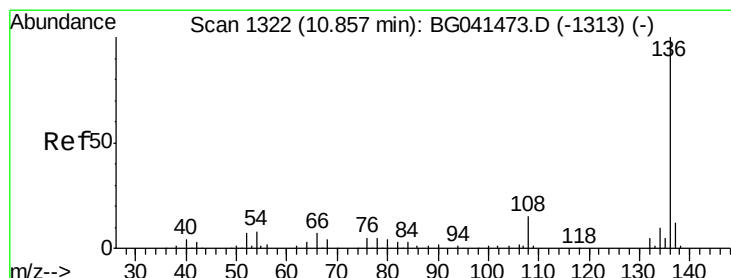
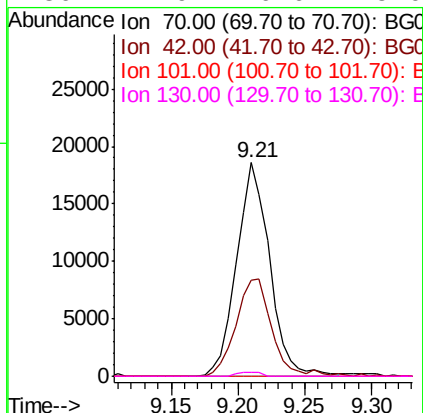
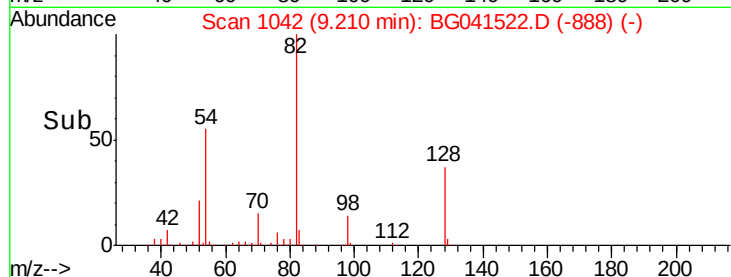
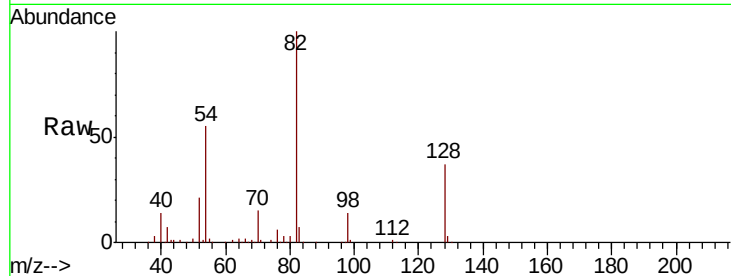




#19
n-Nitroso-di-n-propylamine
Concen: 19.617 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.37 min
Lab File: BG041522.D
Acq: 28 Jun 2019 21:04

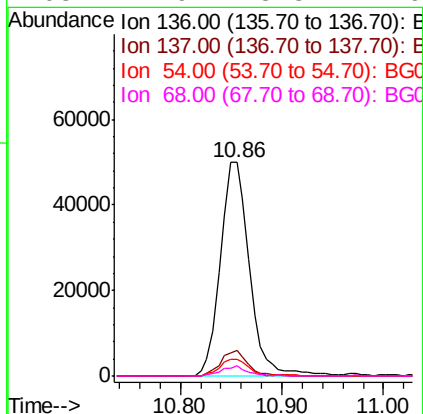
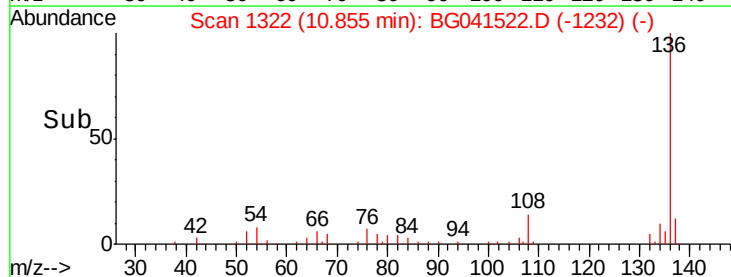
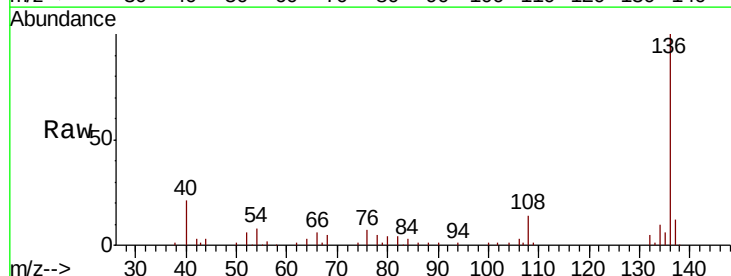
Instrument :
BNA_G
ClientSampleId :
SB-12-COMP

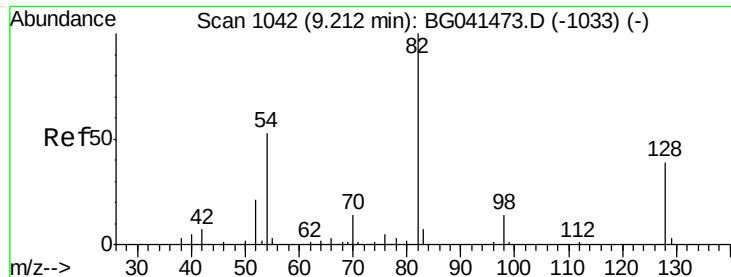
Tgt Ion: 70 Resp: 31894
Ion Ratio Lower Upper
70 100
42 44.9 52.6 78.8#
101 0.0 8.6 13.0#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041522.D
Acq: 28 Jun 2019 21:04

Tgt Ion: 136 Resp: 99635
Ion Ratio Lower Upper
136 100
137 11.9 9.3 13.9
54 8.0 7.1 10.7
68 4.9 3.3 4.9#

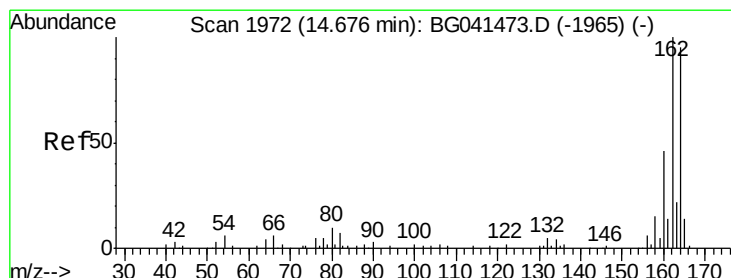
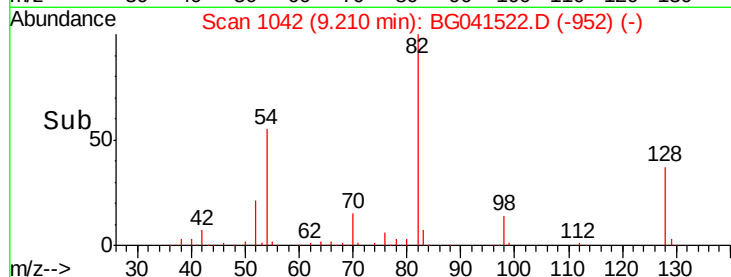
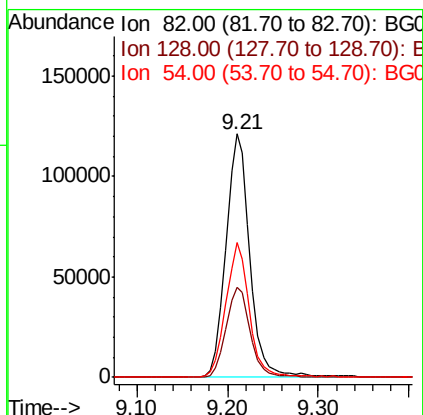
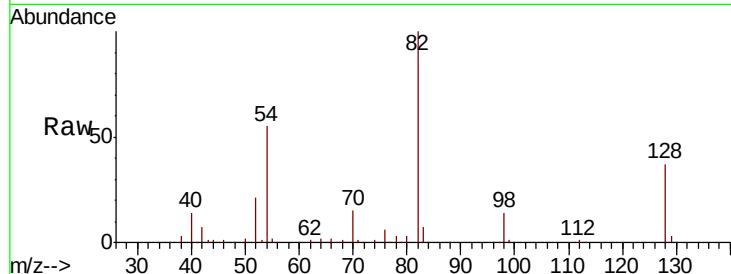




#23
 Nitrobenzene-d5
 Concen: 92.536 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041522.D
 Acq: 28 Jun 2019 21:04

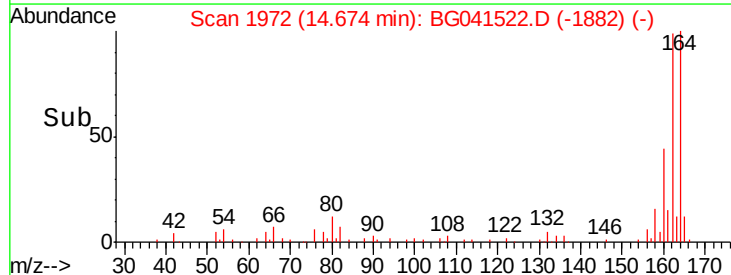
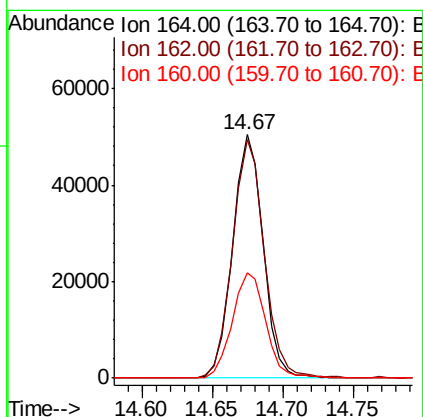
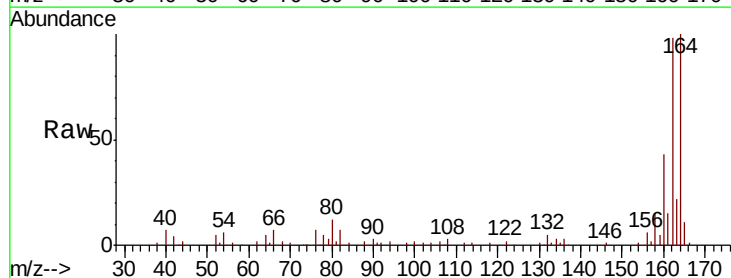
Instrument :
 BNA_G
 ClientSampleId :
 SB-12-COMP

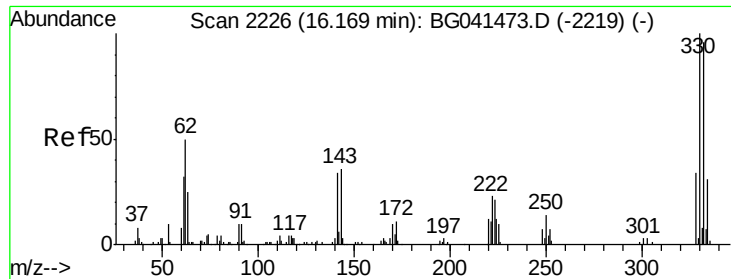
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.8	30.9	46.3
54	55.3	42.2	63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG041522.D
 Acq: 28 Jun 2019 21:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.8	84.4	126.6
160	43.4	38.8	58.2





#42

2,4,6-Tribromophenol

Concen: 143.193 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG041522.D

Acq: 28 Jun 2019 21:04

Instrument :

BNA_G

ClientSampleId :

SB-12-COMP

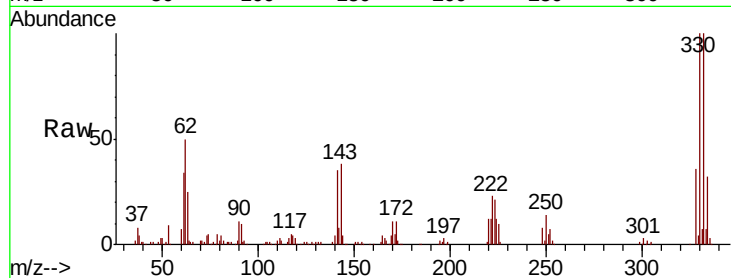
Tgt Ion:330 Resp: 185465

Ion Ratio Lower Upper

330 100

332 95.6 75.5 113.3

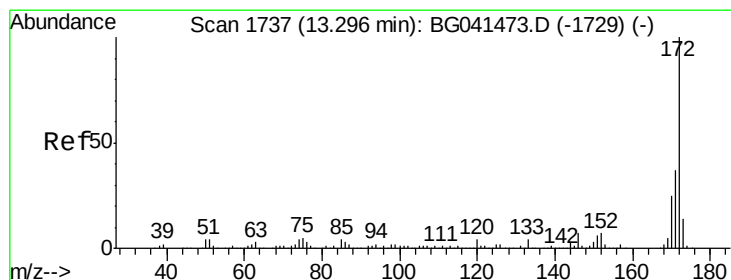
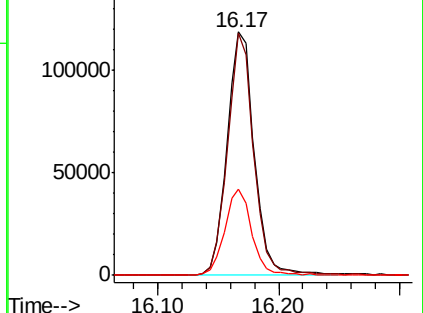
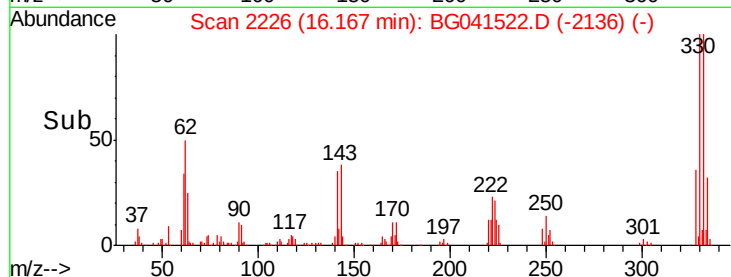
141 35.4 27.8 41.6



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: 79.589 ng

RT: 13.29 min Scan# 1737

Delta R.T. -0.00 min

Lab File: BG041522.D

Acq: 28 Jun 2019 21:04

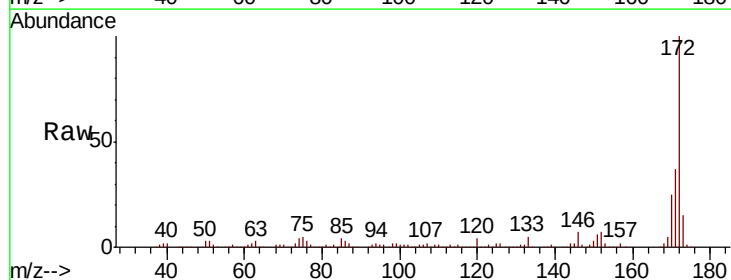
Tgt Ion:172 Resp: 470473

Ion Ratio Lower Upper

172 100

171 37.1 29.6 44.4

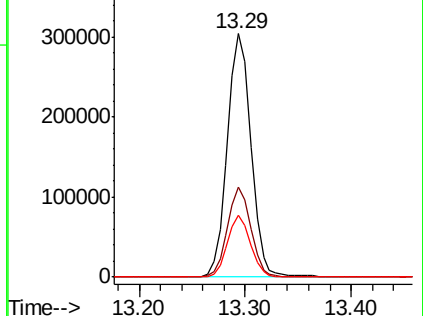
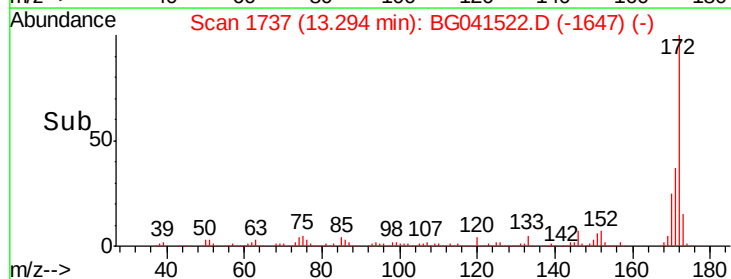
170 25.3 20.0 30.0

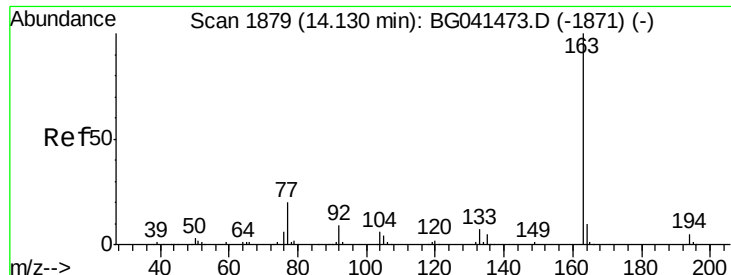


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 11.688 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG041522.D

Acq: 28 Jun 2019 21:04

Instrument :

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ClientSampleId :

SB-12-COMP

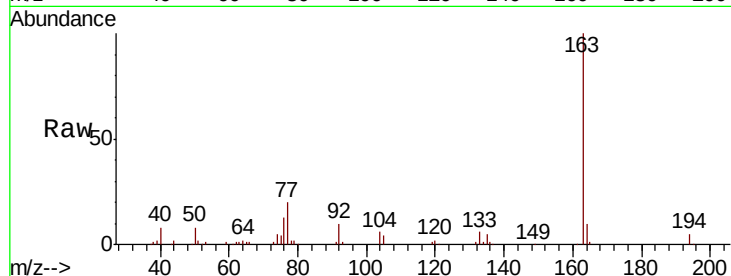
Tgt Ion:163 Resp: 80686

Ion Ratio Lower Upper

163 100

194 4.6 3.7 5.5

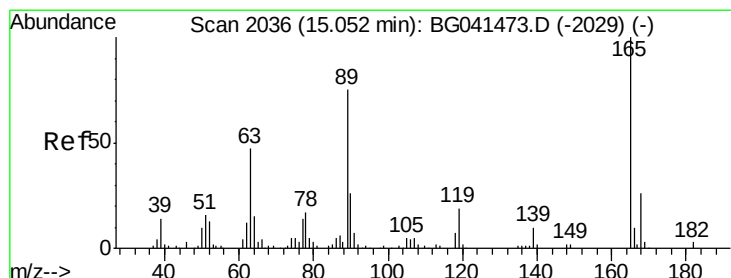
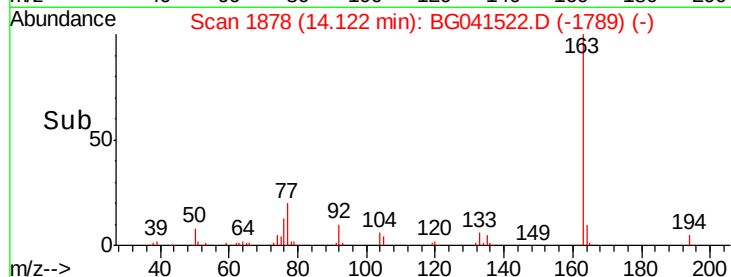
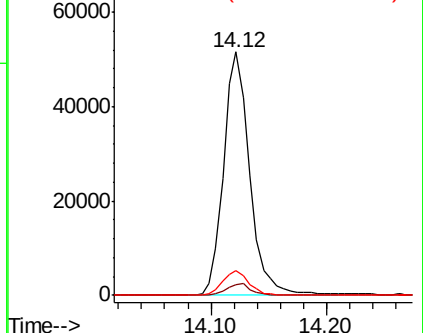
164 10.4 7.8 11.6



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: 4.558 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.38 min

Lab File: BG041522.D

Acq: 28 Jun 2019 21:04

Tgt Ion:165 Resp: 9687

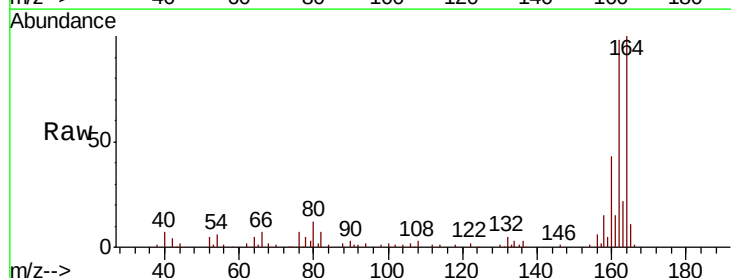
Ion Ratio Lower Upper

165 100

63 0.0 38.8 58.2#

89 0.0 60.1 90.1#

182 0.0 2.2 3.2#

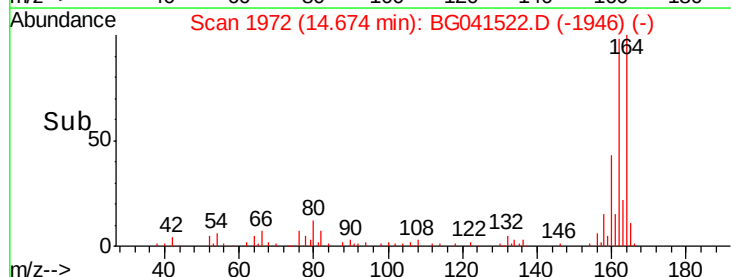
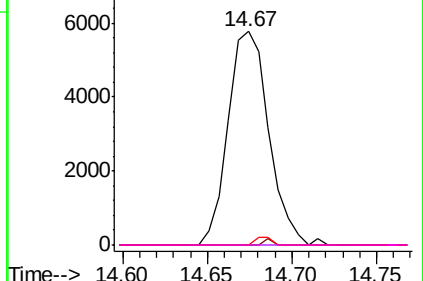


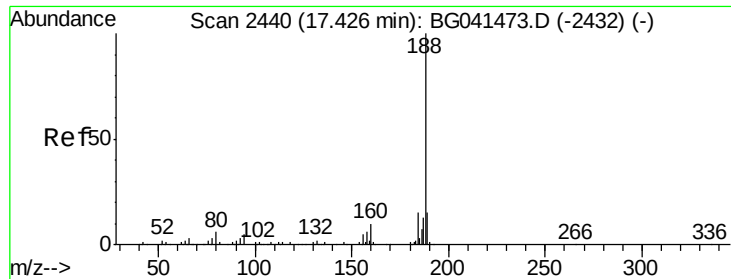
Abundance Ion 165.00 (164.70 to 165.70): E

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: BG041522.D

Acq: 28 Jun 2019 21:04

Instrument :

BNA_G

ClientSampleId :

SB-12-COMP

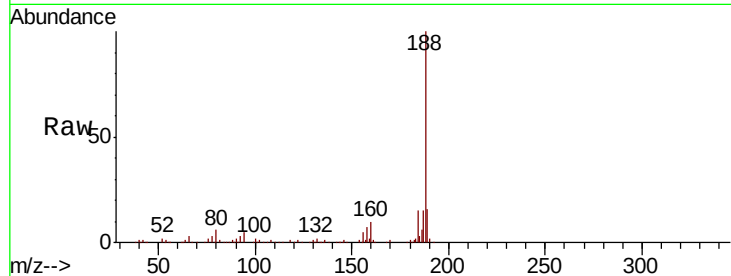
Tgt Ion:188 Resp: 203272

Ion Ratio Lower Upper

188 100

94 4.9 3.8 5.8

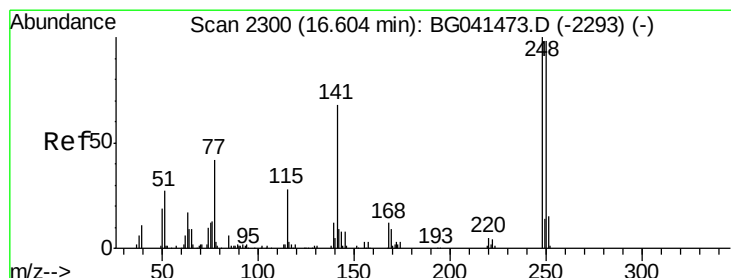
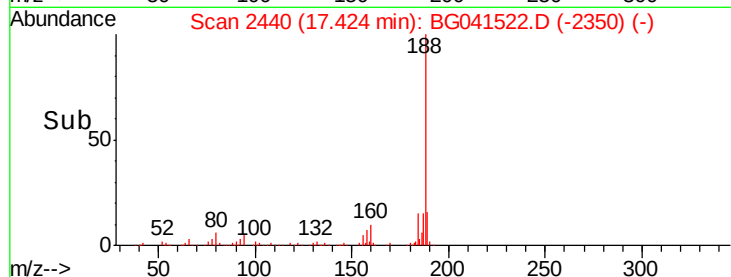
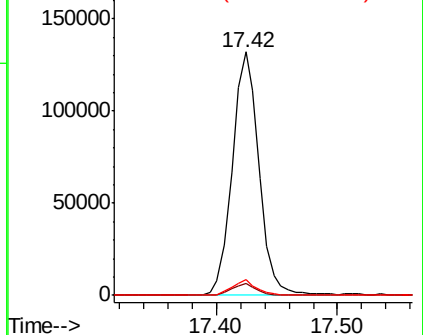
80 6.3 4.8 7.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 4.768 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.44 min

Lab File: BG041522.D

Acq: 28 Jun 2019 21:04

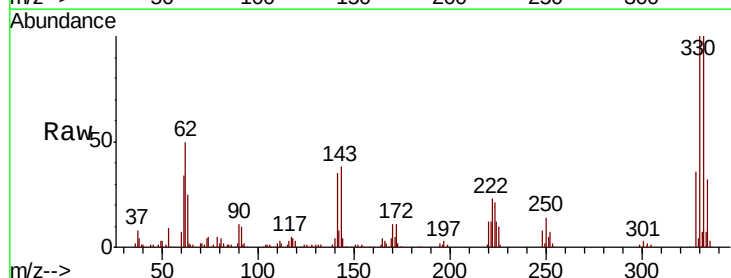
Tgt Ion:248 Resp: 13245

Ion Ratio Lower Upper

248 100

250 167.6 78.1 117.1#

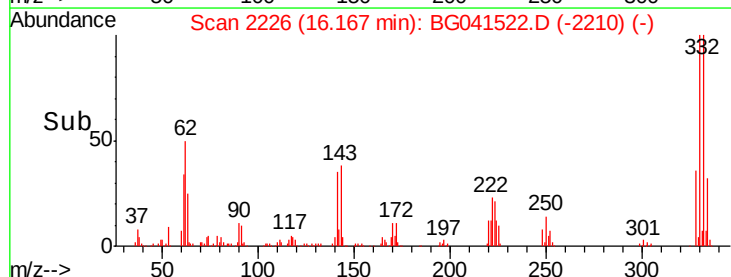
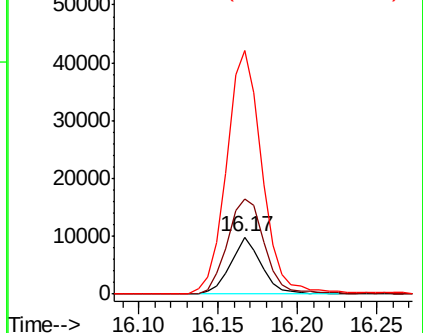
141 426.5 54.1 81.1#

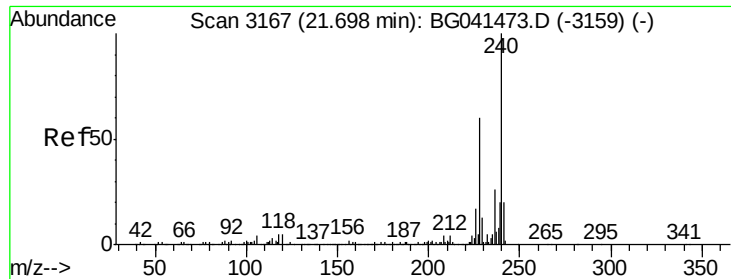


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

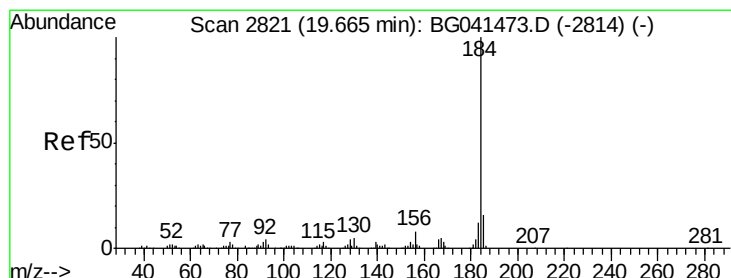
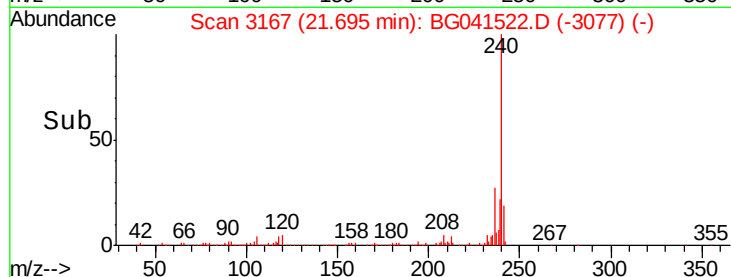
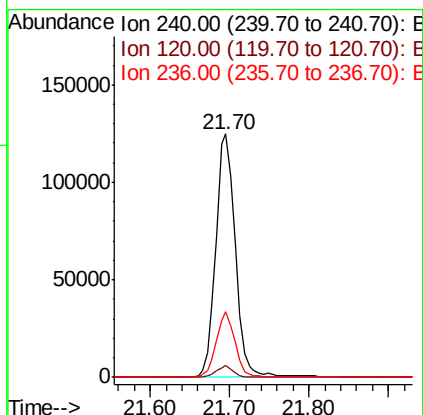
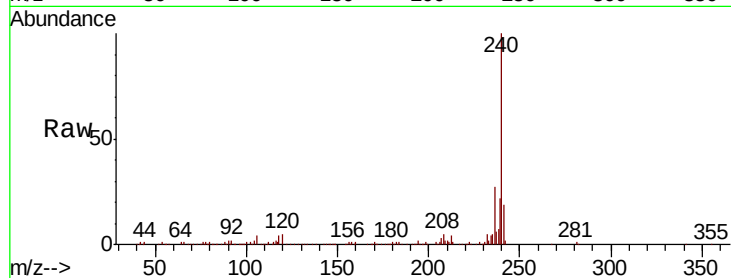




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG041522.D
 Acq: 28 Jun 2019 21:04

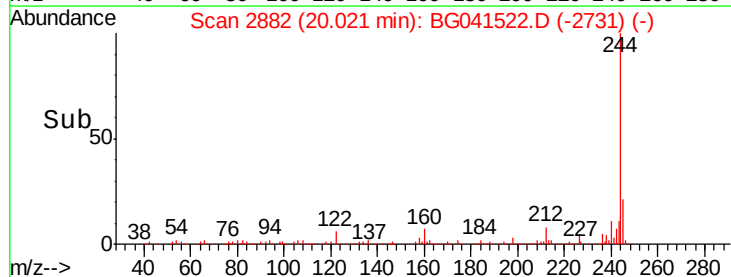
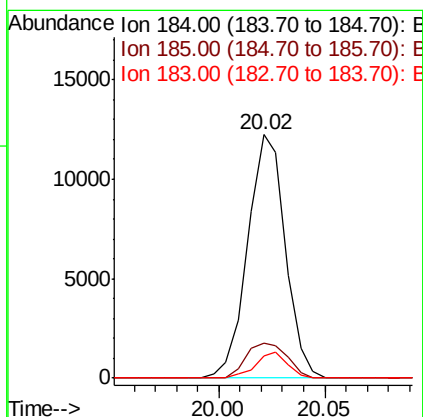
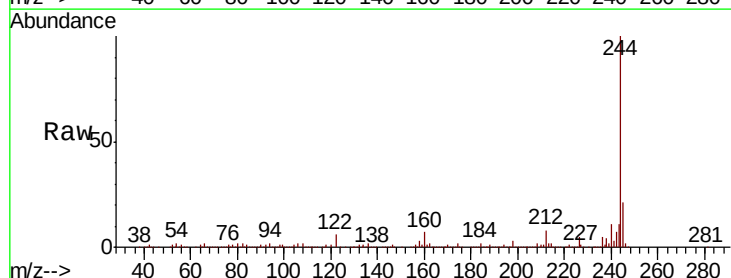
Instrument :
 BNA_G
 ClientSampleId :
 SB-12-COMP

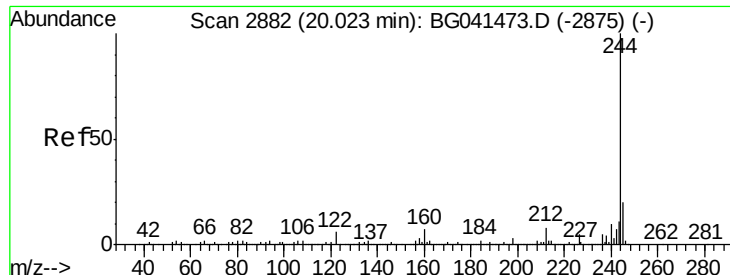
Tgt Ion:240 Resp: 213675
 Ion Ratio Lower Upper
 240 100
 120 4.7 3.7 5.5
 236 26.8 20.8 31.2



#77
 Benzidine
 Concen: 3.190 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. 0.36 min
 Lab File: BG041522.D
 Acq: 28 Jun 2019 21:04

Tgt Ion:184 Resp: 15126
 Ion Ratio Lower Upper
 184 100
 185 14.2 12.7 19.1
 183 9.2 9.4 14.2#





#79

Terphenyl-d14

Concen: 91.792 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG041522.D

Acq: 28 Jun 2019 21:04

Instrument :

BNA_G

ClientSampleId :

SB-12-COMP

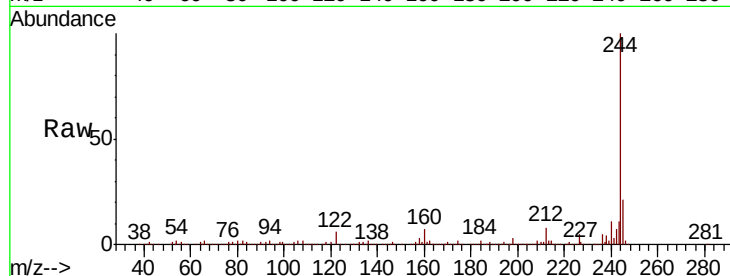
Tgt Ion:244 Resp: 922959

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.4

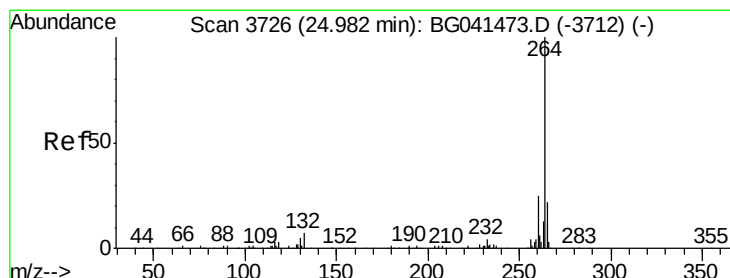
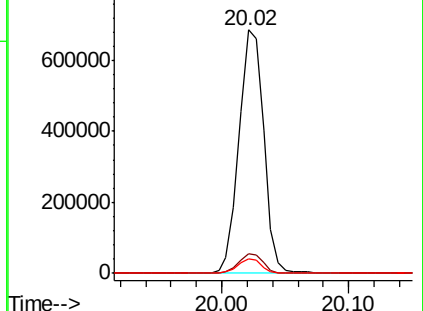
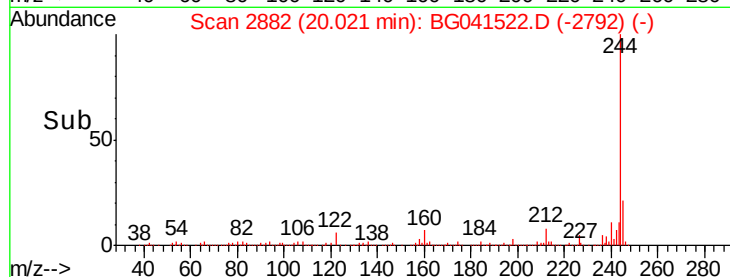
122 5.9 4.8 7.2



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: BG041522.D

Acq: 28 Jun 2019 21:04

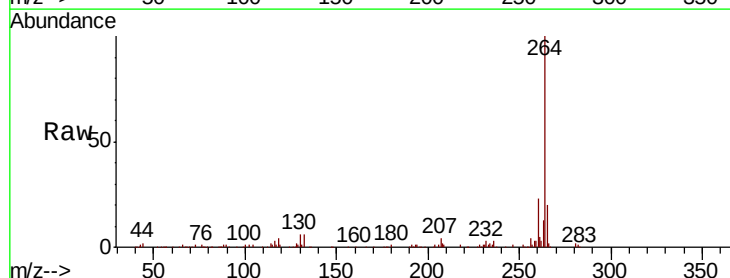
Tgt Ion:264 Resp: 226329

Ion Ratio Lower Upper

264 100

260 23.5 19.7 29.5

265 20.2 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

