

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062819\
 Data File : BG041514.D
 Acq On : 28 Jun 2019 15:48
 Operator : HP/JU
 Sample : K3580-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-15-COMP

Quant Time: Jun 29 01:49:47 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

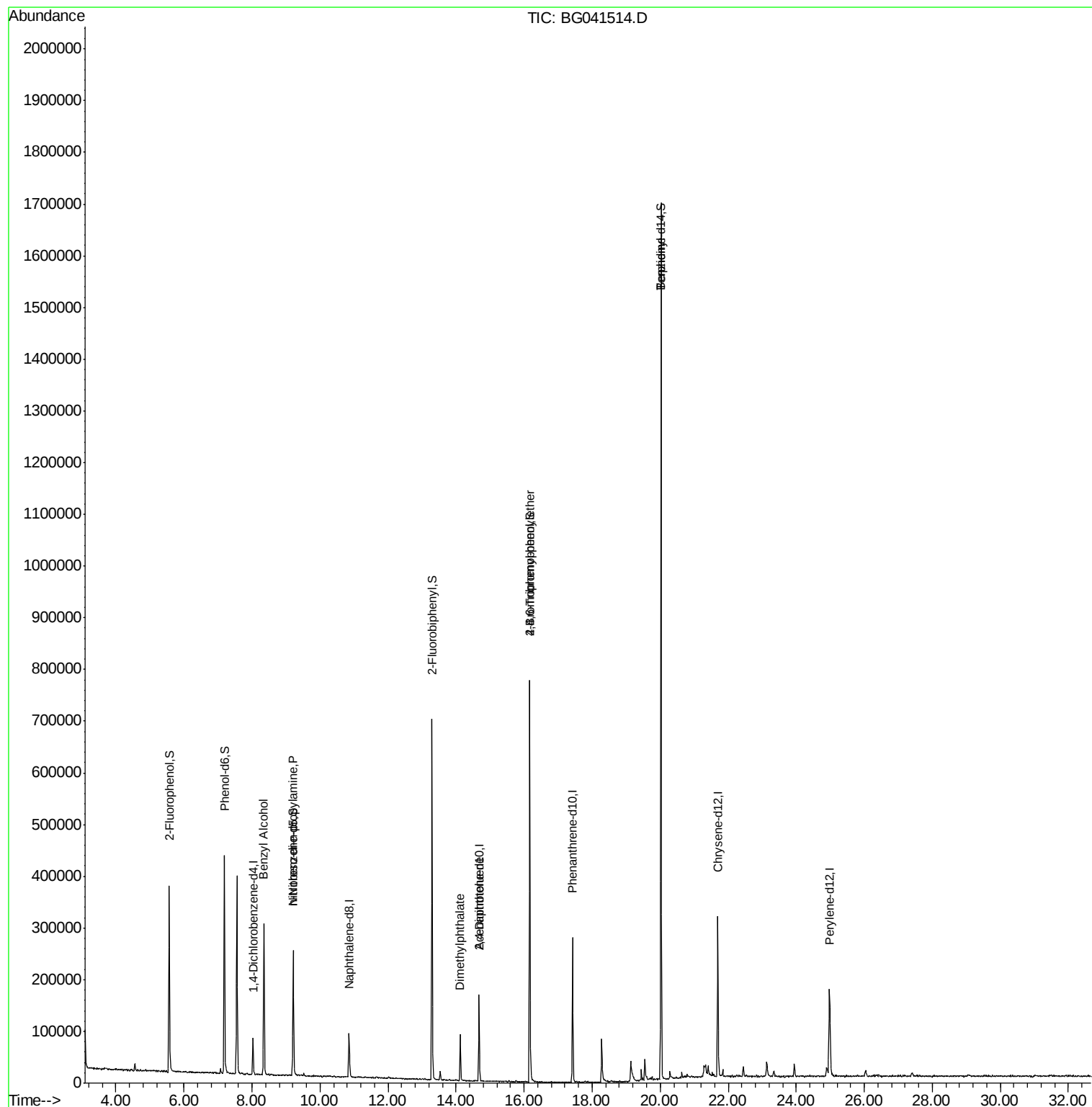
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	19636	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	73569	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	59414	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	183055	20.00	ng	0.00
76) Chrysene-d12	21.70	240	201103	20.00	ng	0.00
87) Perylene-d12	24.98	264	212204	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	149330	135.58	ng	0.00
7) Phenol-d6	7.19	99	223702	144.28	ng	0.00
23) Nitrobenzene-d5	9.21	82	152405	86.40	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	150377	148.23	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	347065	74.96	ng	0.00
79) Terphenyl-d14	20.02	244	842952	89.08	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.35	79	2584	2.093	ng	# 55
19) n-Nitroso-di-n-propylamine	9.21	70	21734	18.793	ng	# 73
50) Dimethylphthalate	14.12	163	64465	11.923	ng	# 99
57) 2,4-Dinitrotoluene	14.67	165	6880	4.133	ng	# 23
67) 4-Bromophenyl-phenylether	16.17	248	10312	4.122	ng	# 1
77) Benzidine	20.02	184	14293	3.203	ng	# 92

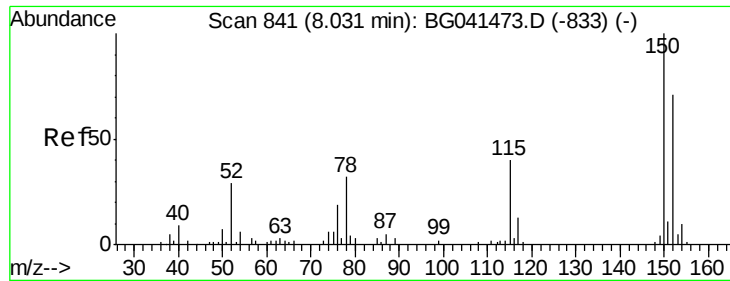
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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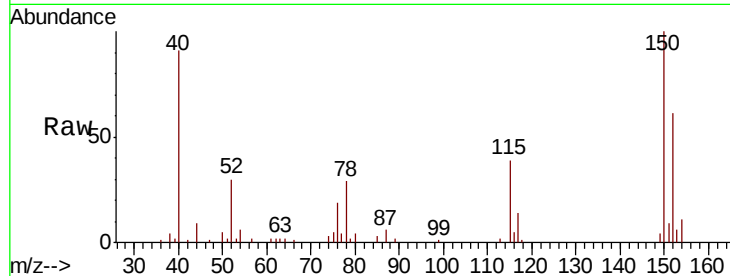


#1

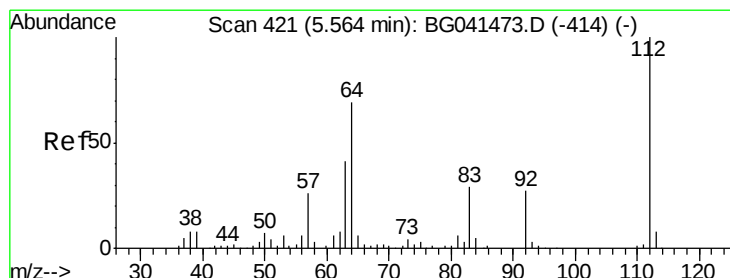
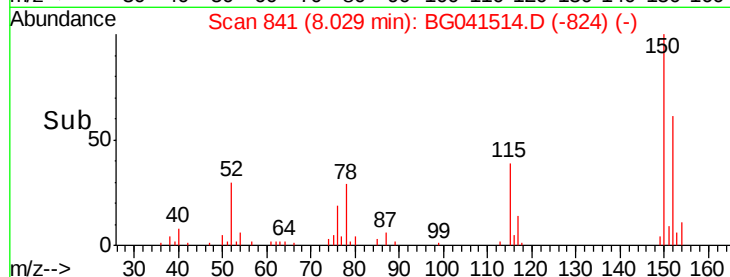
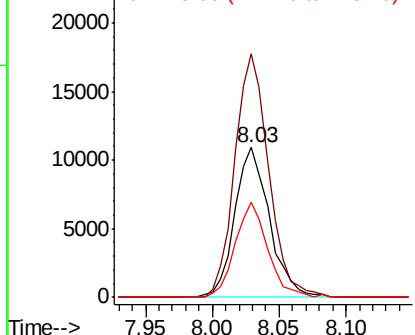
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041514.D
Acq: 28 Jun 2019 15:48

Instrument :
BNA_G
ClientSampleId :
SB-15-COMP

Tgt Ion:152 Resp: 19636
Ion Ratio Lower Upper
152 100
150 162.7 112.4 168.6
115 63.5 44.6 66.8



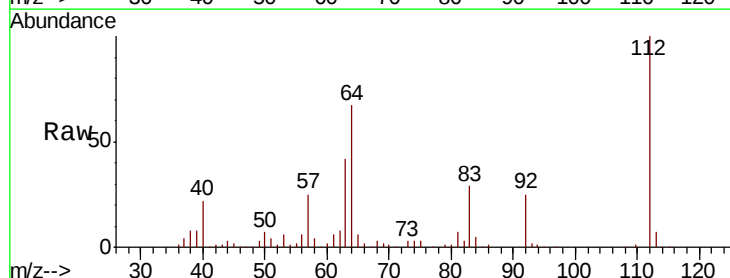
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



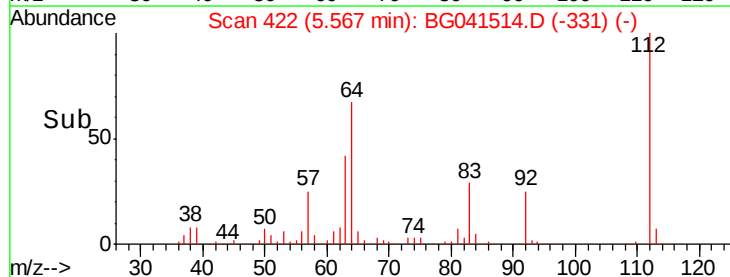
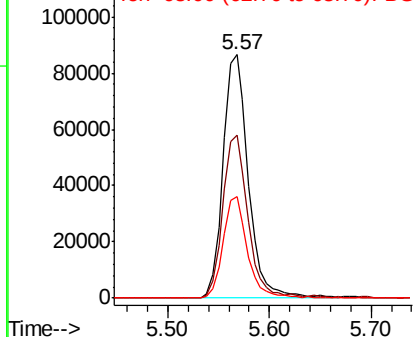
#5

2-Fluorophenol
Concen: 135.584 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041514.D
Acq: 28 Jun 2019 15:48

Tgt Ion:112 Resp: 149330
Ion Ratio Lower Upper
112 100
64 67.2 55.1 82.7
63 41.7 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: 144.281 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041514.D

Acq: 28 Jun 2019 15:48

Instrument :

BNA_G

ClientSampleId :

SB-15-COMP

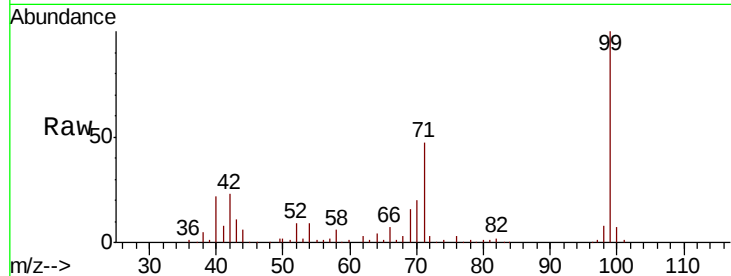
Tgt Ion: 99 Resp: 223702

Ion Ratio Lower Upper

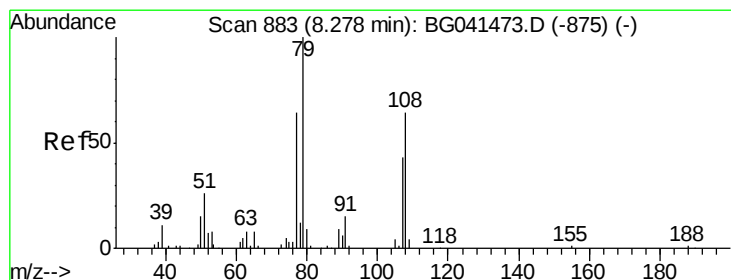
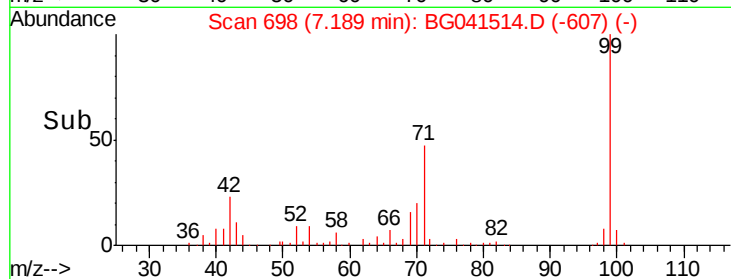
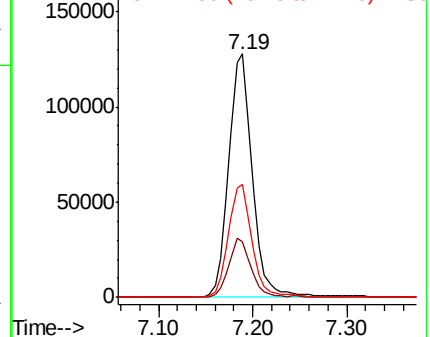
99 100

42 22.7 19.0 28.6

71 46.6 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: 2.093 ng

RT: 8.35 min Scan# 896

Delta R.T. 0.07 min

Lab File: BG041514.D

Acq: 28 Jun 2019 15:48

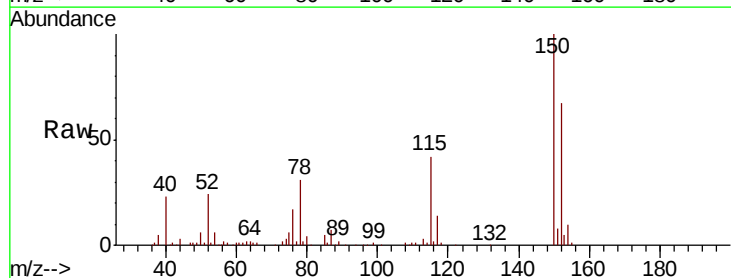
Tgt Ion: 79 Resp: 2584

Ion Ratio Lower Upper

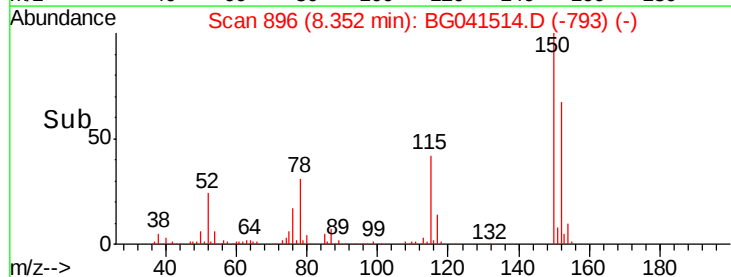
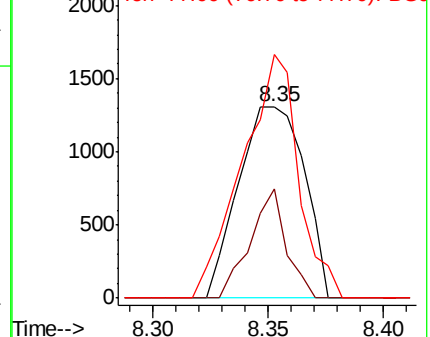
79 100

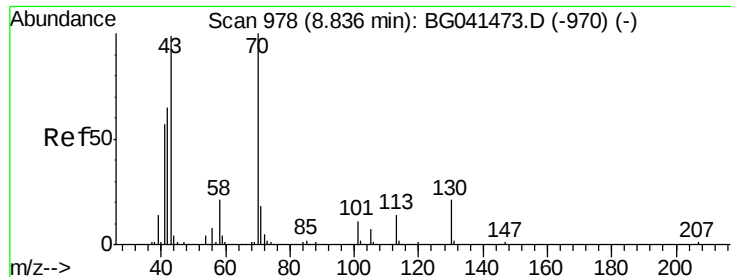
108 57.1 51.4 77.0

77 127.1 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

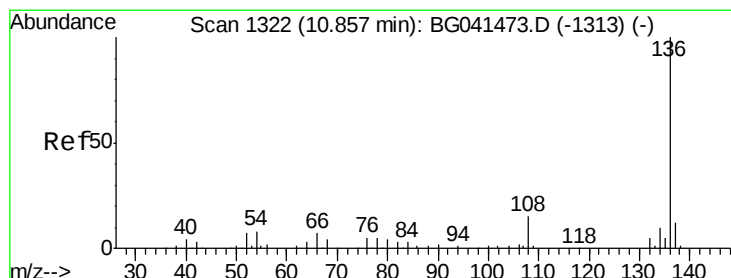
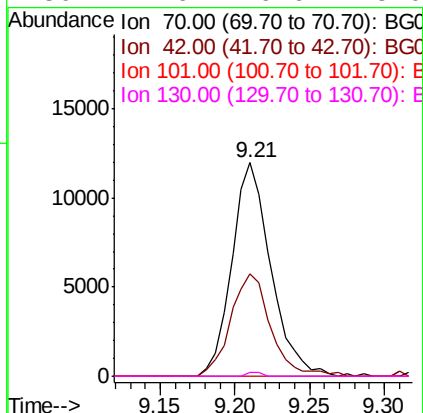
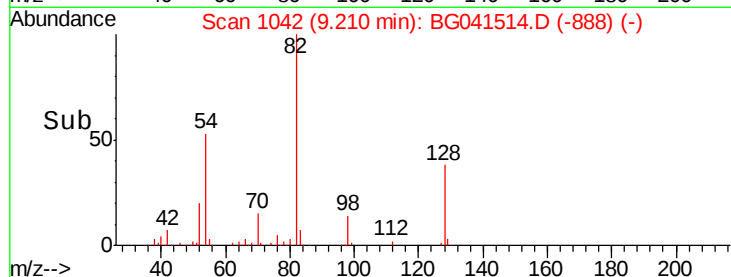
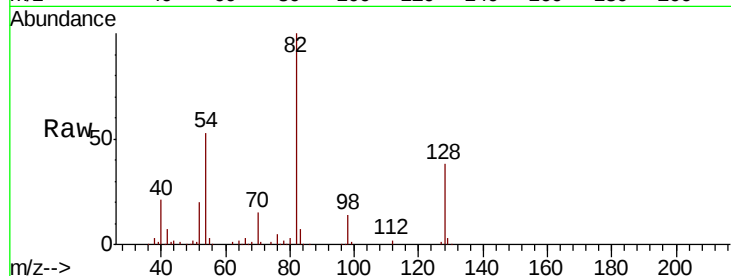




#19
n-Nitroso-di-n-propylamine
Concen: 18.793 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.37 min
Lab File: BG041514.D
Acq: 28 Jun 2019 15:48

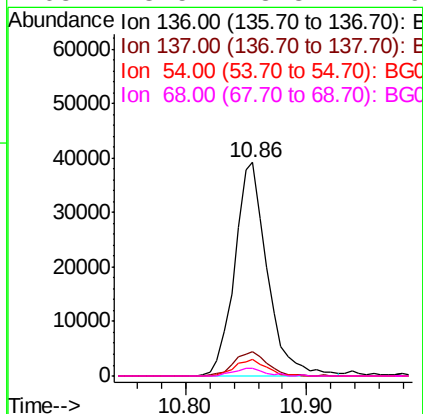
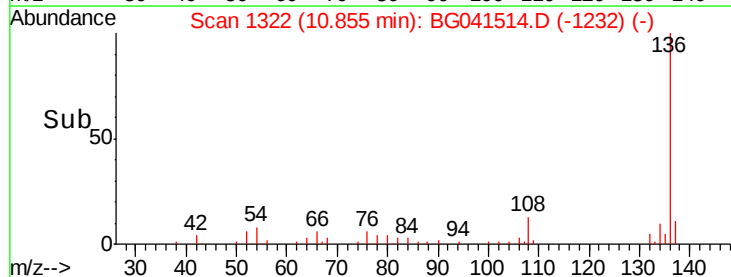
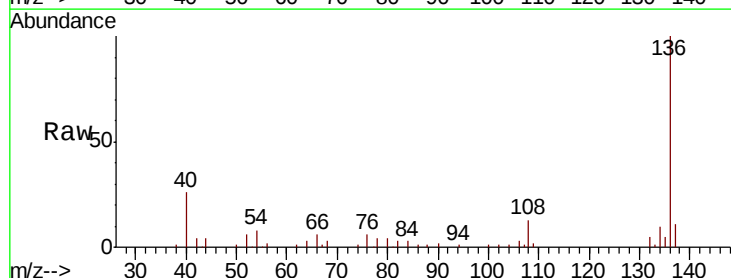
Instrument :
BNA_G
ClientSampleId :
SB-15-COMP

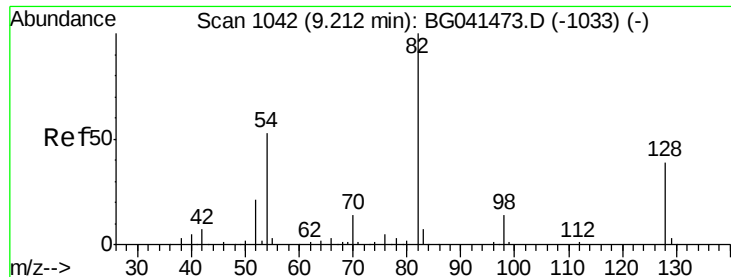
Tgt Ion: 70 Resp: 21734
Ion Ratio Lower Upper
70 100
42 47.9 52.6 78.8#
101 0.0 8.6 13.0#
130 1.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041514.D
Acq: 28 Jun 2019 15:48

Tgt Ion: 136 Resp: 73569
Ion Ratio Lower Upper
136 100
137 11.2 9.3 13.9
54 8.0 7.1 10.7
68 3.5 3.3 4.9

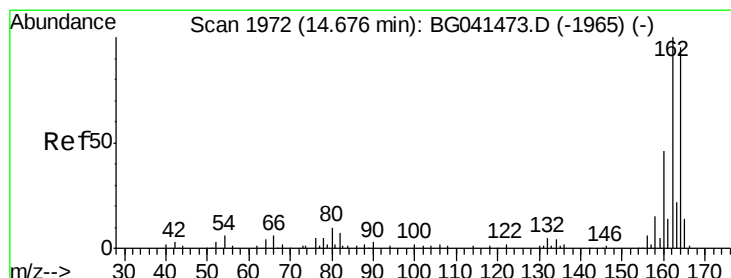
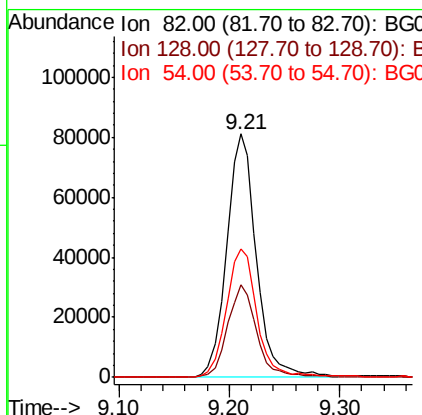
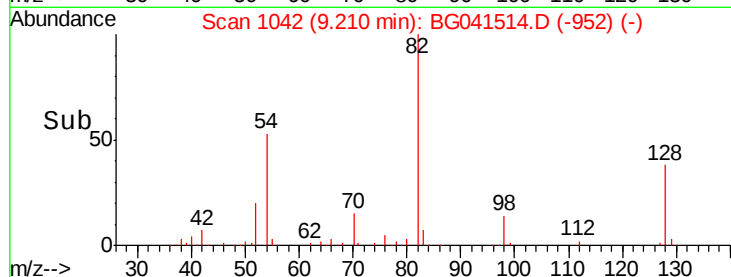
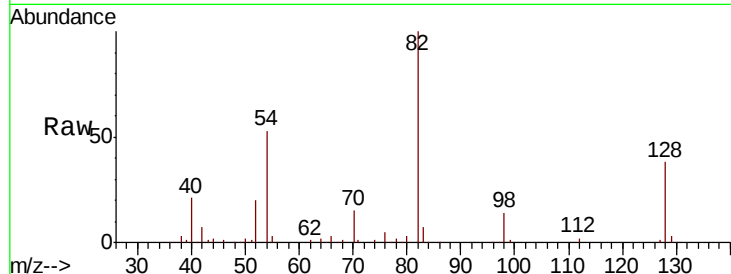




#23
 Nitrobenzene-d5
 Concen: 86.400 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041514.D
 Acq: 28 Jun 2019 15:48

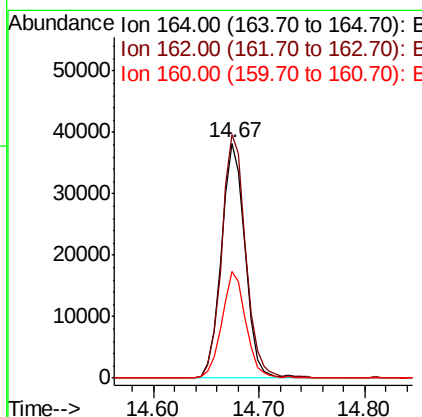
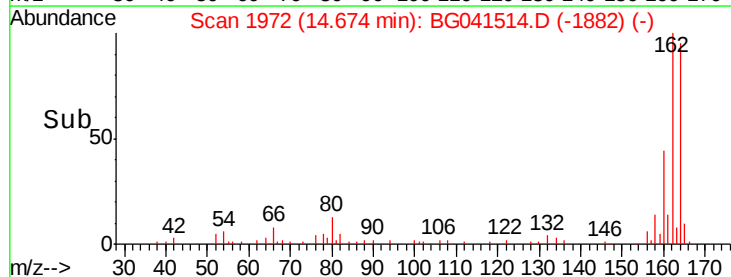
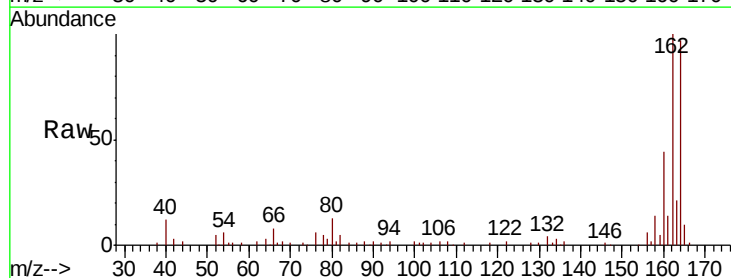
Instrument :
 BNA_G
 ClientSampleId :
 SB-15-COMP

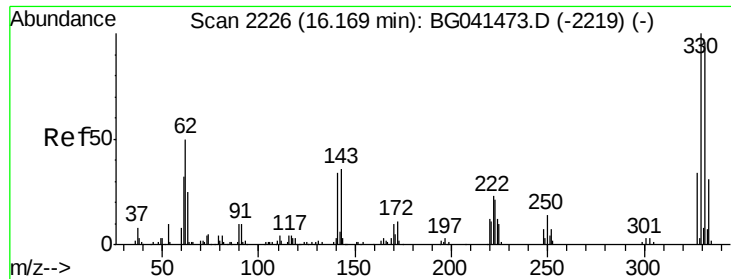
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.9	46.3
54	52.7	42.2	63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG041514.D
 Acq: 28 Jun 2019 15:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	84.4	126.6
160	45.3	38.8	58.2





#42

2,4,6-Tribromophenol

Concen: 148.234 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG041514.D

Acq: 28 Jun 2019 15:48

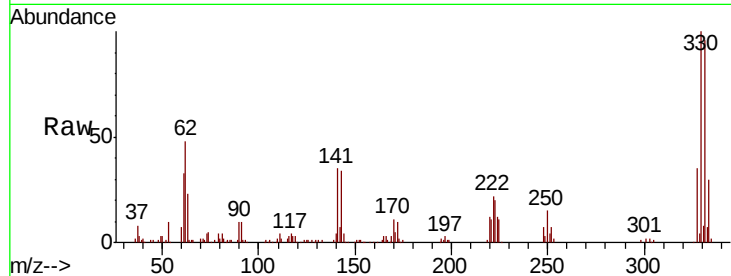
Instrument :

BNA_G

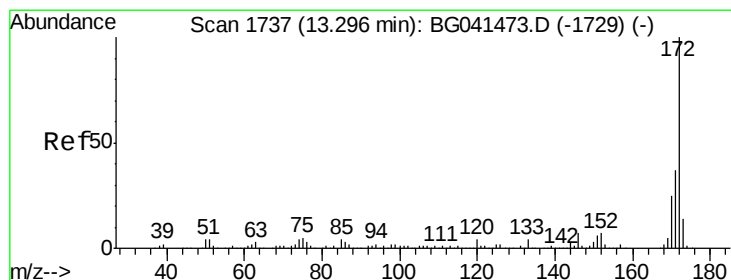
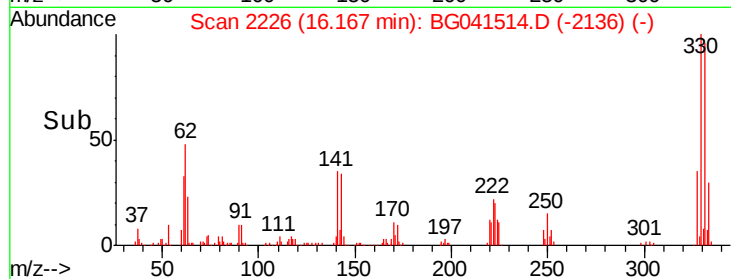
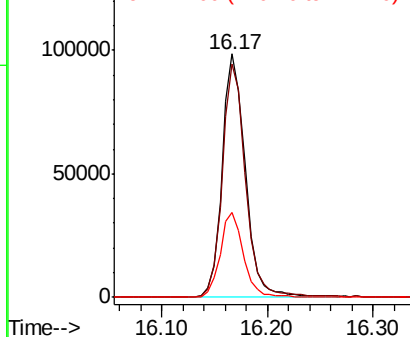
ClientSampleId :

SB-15-COMP

Tgt Ion:	330	Resp:	150377
Ion Ratio	Lower	Upper	
330	100		
332	95.7	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: 74.961 ng

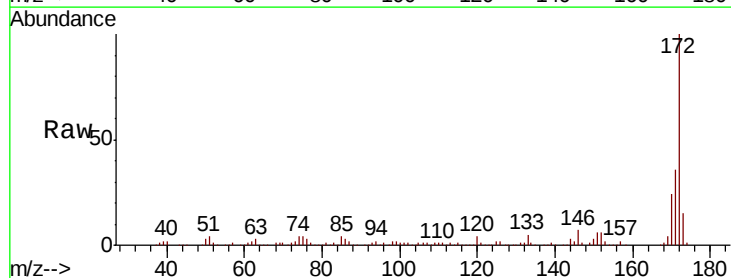
RT: 13.29 min Scan# 1737

Delta R.T. -0.00 min

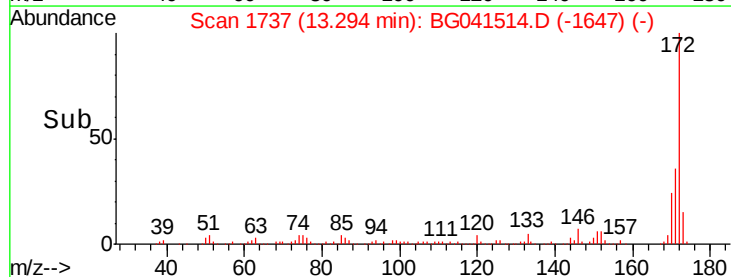
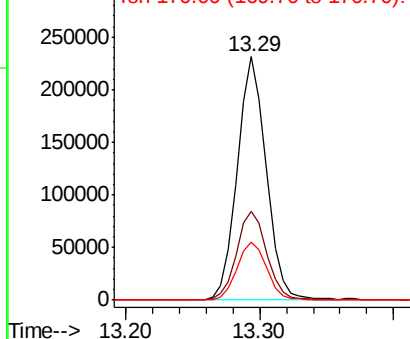
Lab File: BG041514.D

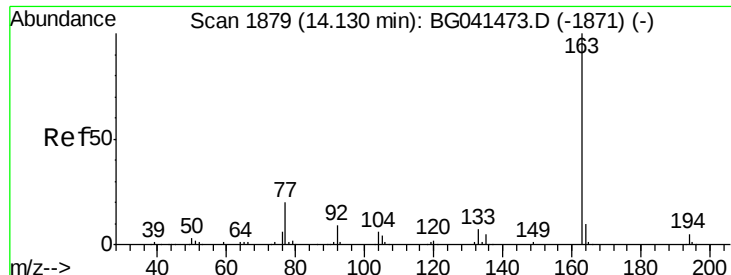
Acq: 28 Jun 2019 15:48

Tgt Ion:	172	Resp:	347065
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.6	44.4
170	24.0	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: 11.923 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG041514.D

Acq: 28 Jun 2019 15:48

Instrument :

BNA_G

ClientSampleId :

SB-15-COMP

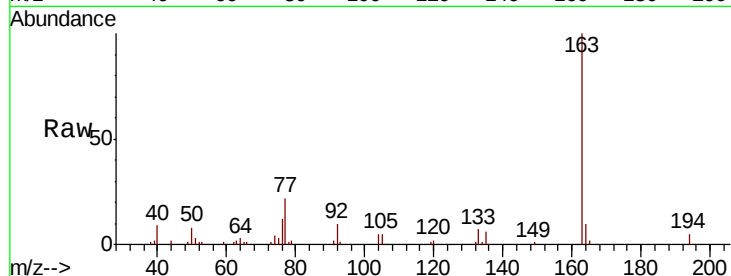
Tgt Ion:163 Resp: 64465

Ion Ratio Lower Upper

163 100

194 5.3 3.7 5.5

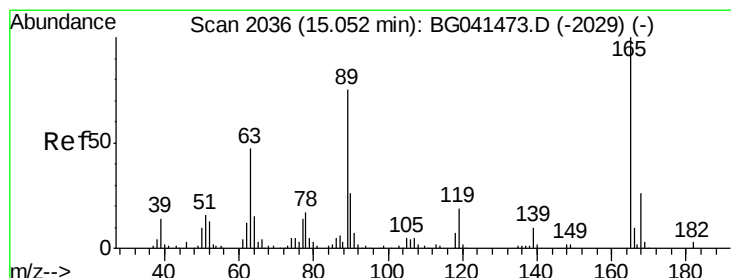
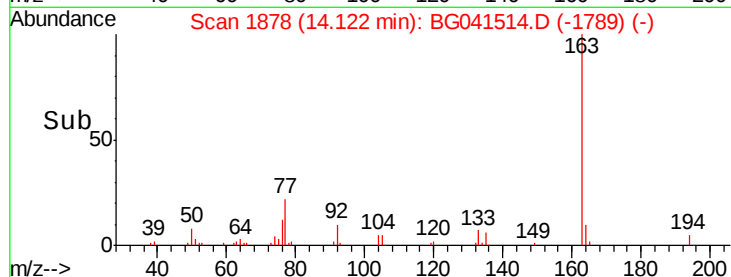
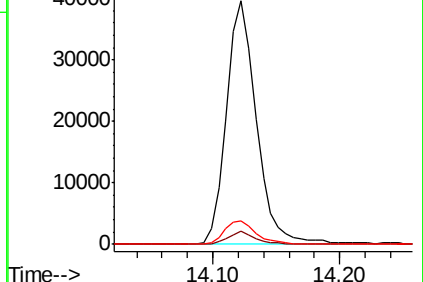
164 9.8 7.8 11.6



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: 4.133 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.38 min

Lab File: BG041514.D

Acq: 28 Jun 2019 15:48

Tgt Ion:165 Resp: 6880

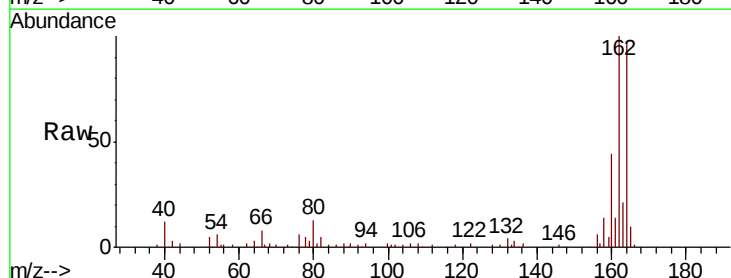
Ion Ratio Lower Upper

165 100

63 0.0 38.8 58.2#

89 4.7 60.1 90.1#

182 0.0 2.2 3.2#

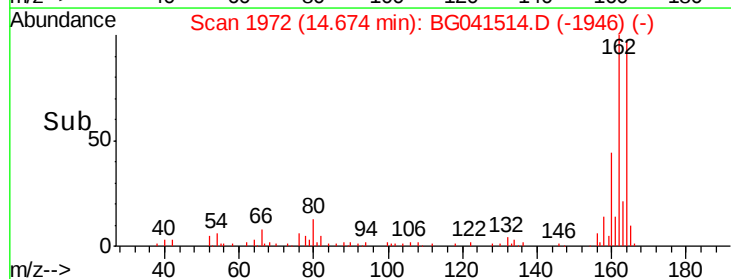
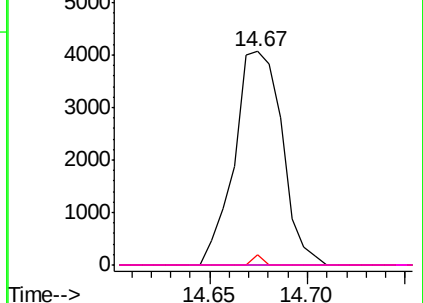


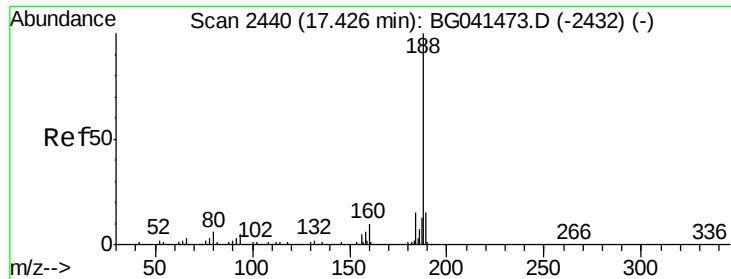
Abundance Ion 165.00 (164.70 to 165.70): E

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: BG041514.D

Acq: 28 Jun 2019 15:48

Instrument :

BNA_G

ClientSampleId :

SB-15-COMP

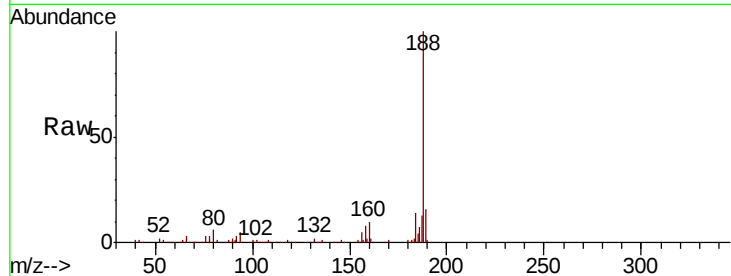
Tgt Ion:188 Resp: 183055

Ion Ratio Lower Upper

188 100

94 5.0 3.8 5.8

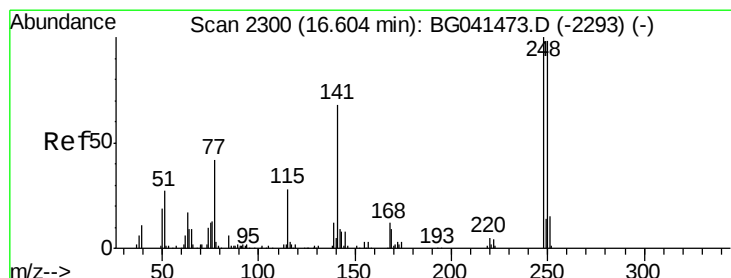
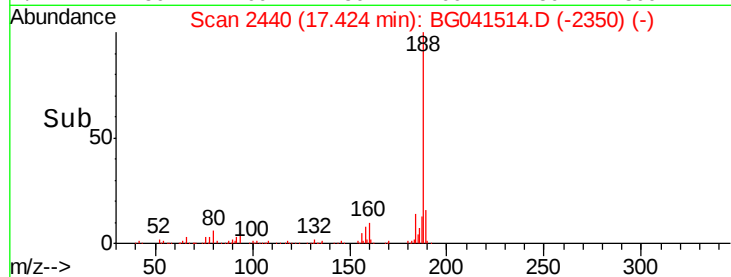
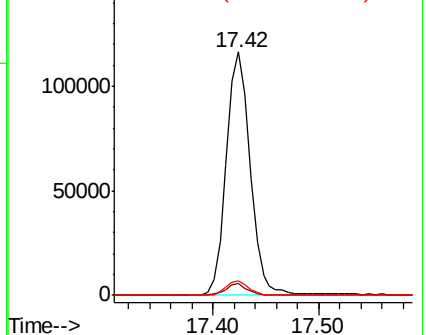
80 6.2 4.8 7.2



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: 4.122 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.44 min

Lab File: BG041514.D

Acq: 28 Jun 2019 15:48

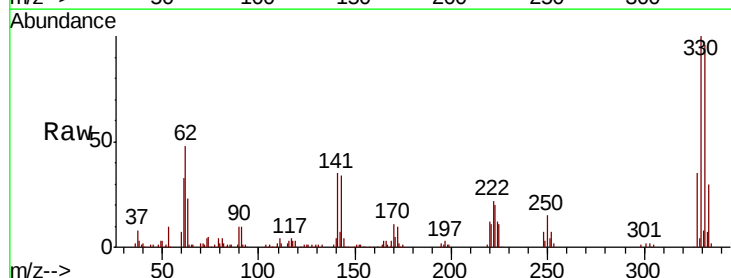
Tgt Ion:248 Resp: 10312

Ion Ratio Lower Upper

248 100

250 196.5 78.1 117.1#

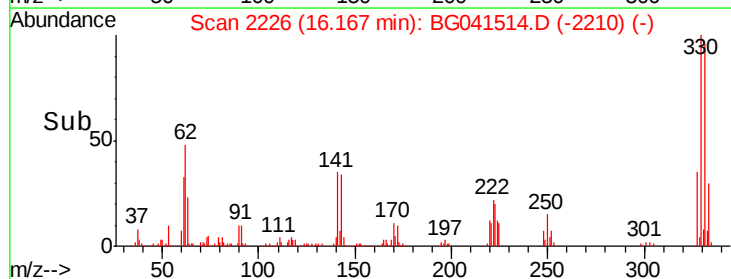
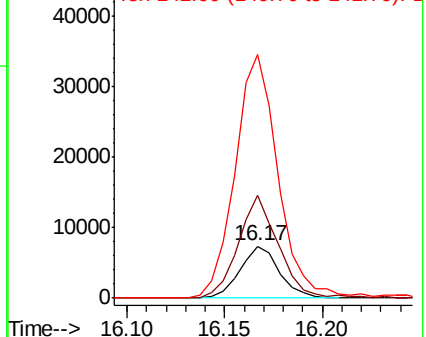
141 468.0 54.1 81.1#

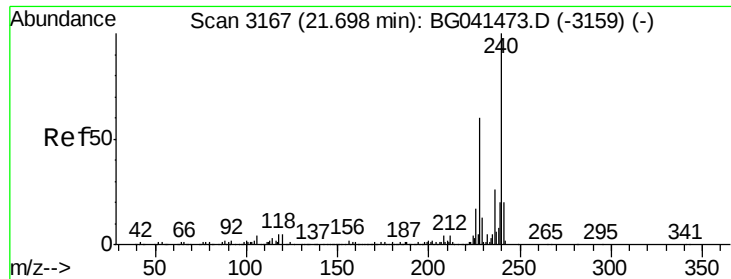


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

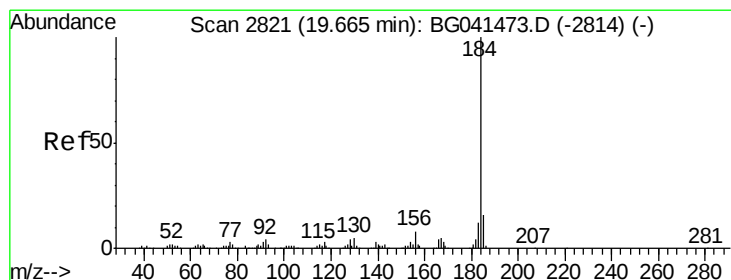
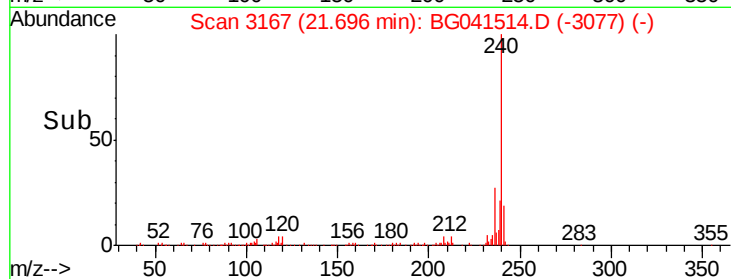
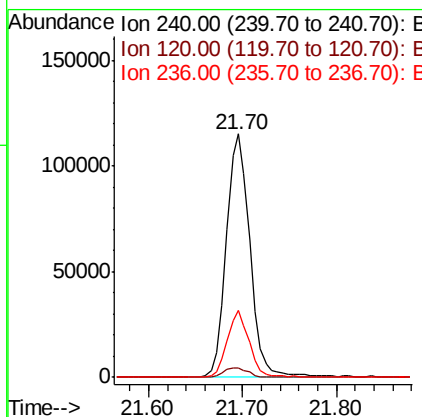
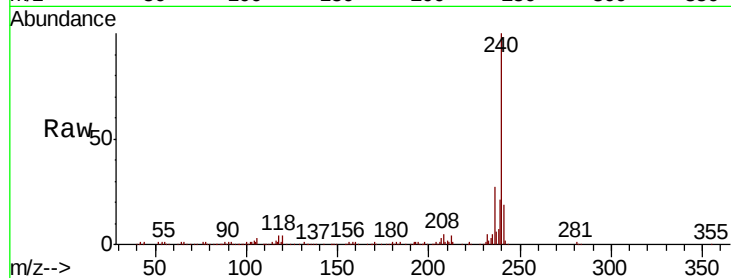




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG041514.D
Acq: 28 Jun 2019 15:48

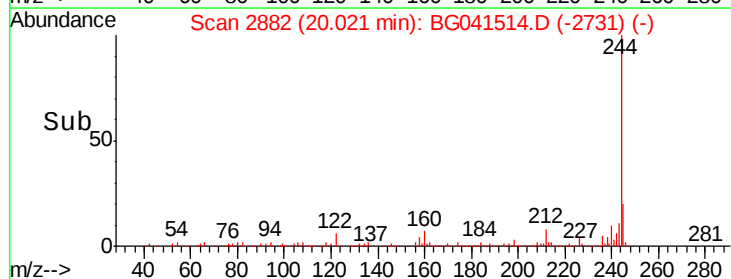
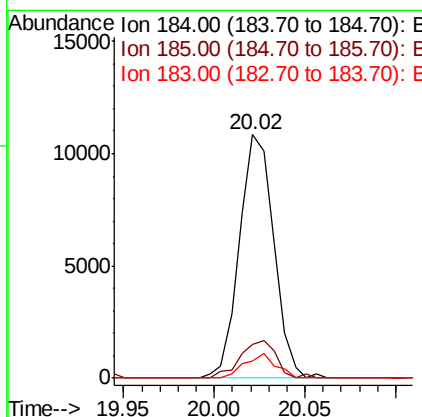
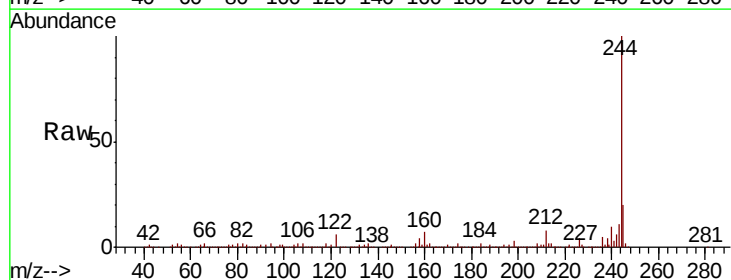
Instrument :
BNA_G
ClientSampleId :
SB-15-COMP

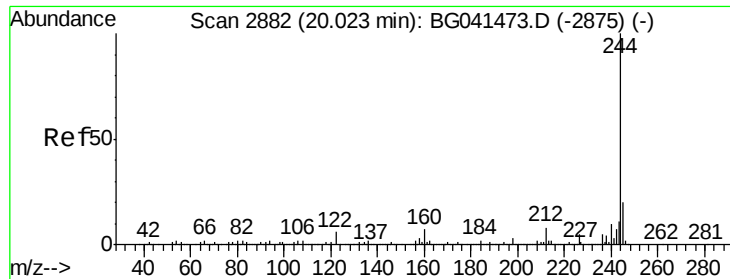
Tgt Ion:240 Resp: 201103
Ion Ratio Lower Upper
240 100
120 4.1 3.7 5.5
236 27.3 20.8 31.2



#77
Benzidine
Concen: 3.203 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.36 min
Lab File: BG041514.D
Acq: 28 Jun 2019 15:48

Tgt Ion:184 Resp: 14293
Ion Ratio Lower Upper
184 100
185 14.0 12.7 19.1
183 7.0 9.4 14.2#





#79

Terphenyl-d14

Concen: 89.076 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG041514.D

Acq: 28 Jun 2019 15:48

Instrument :

BNA_G

ClientSampleId :

SB-15-COMP

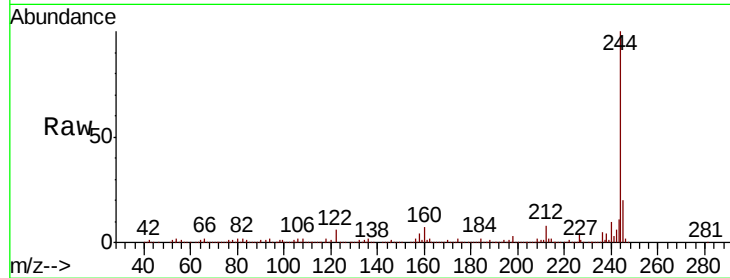
Tgt Ion:244 Resp: 842952

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.4

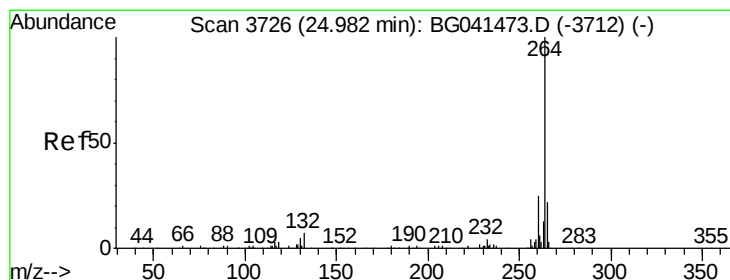
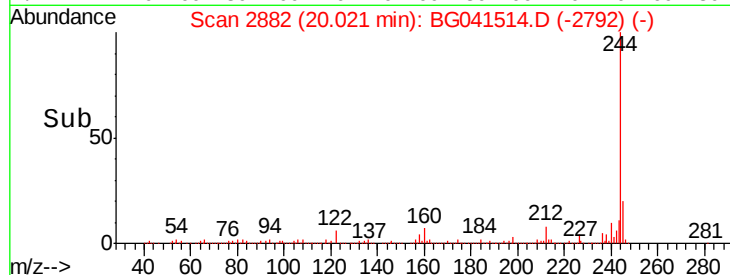
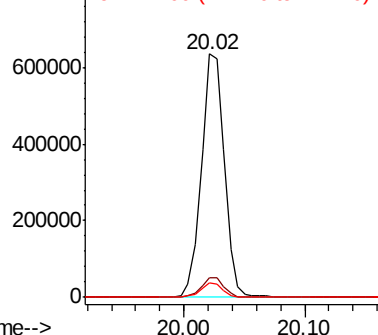
122 5.9 4.8 7.2



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: BG041514.D

Acq: 28 Jun 2019 15:48

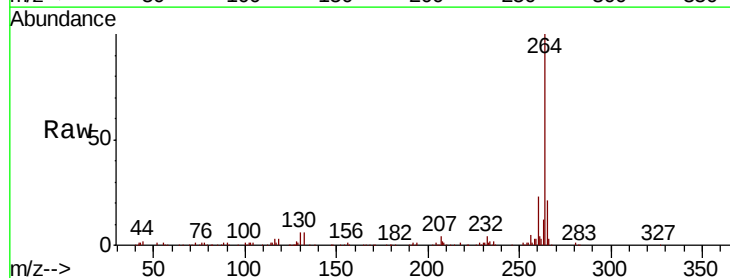
Tgt Ion:264 Resp: 212204

Ion Ratio Lower Upper

264 100

260 22.9 19.7 29.5

265 21.0 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

