

Data File : BG044159.D
Acq On : 22 Jan 2020 15:42
Operator : JU
Sample : L1216-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

Quant Time: Jan 23 07:51:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

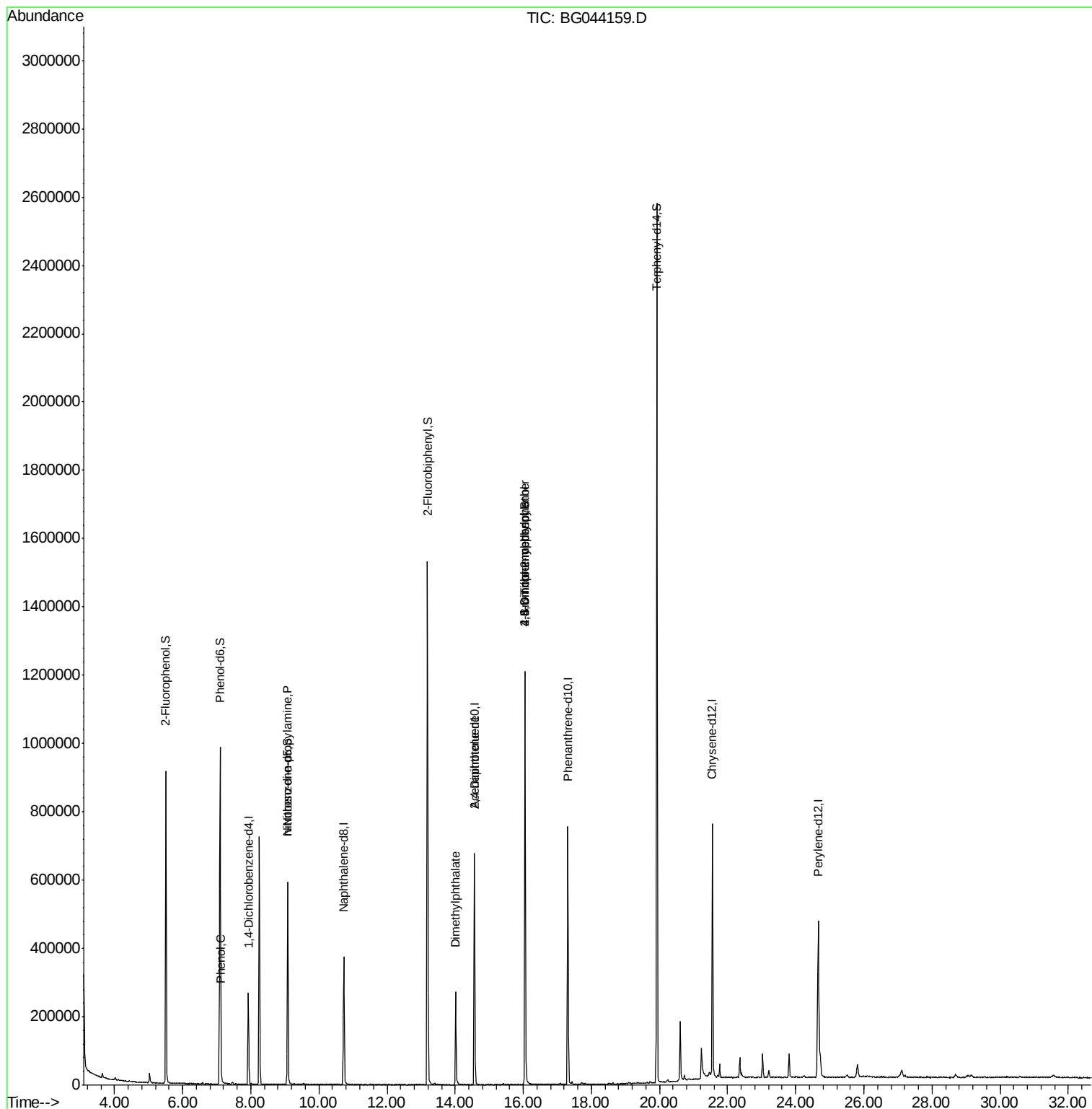
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	79685	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	362455	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	247992	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	496663	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	433636	20.00	ng	-0.04
87) Perylene-d12	24.66	264	478698	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	444551	102.43	ng	-0.03
7) Phenol-d6	7.10	99	624401	102.93	ng	-0.03
23) Nitrobenzene-d5	9.08	82	378551	55.87	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	232294	89.51	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	888441	64.91	ng	-0.03
79) Terphenyl-d14	19.92	244	1245061	64.65	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	20709	3.313	ng	96
19) n-Nitroso-di-n-propylamine	9.08	70	48645	10.768	ng	# 81
50) Dimethylphthalate	14.01	163	214336	12.172	ng	# 96
57) 2,4-Dinitrotoluene	14.57	165	31012	5.727	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.05	198	862	4.696	ng	# 1
67) 4-Bromophenyl-phenylether	16.05	248	16387	2.934	ng	# 1

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

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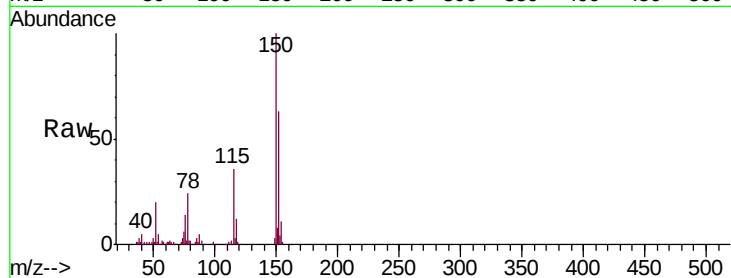


#1

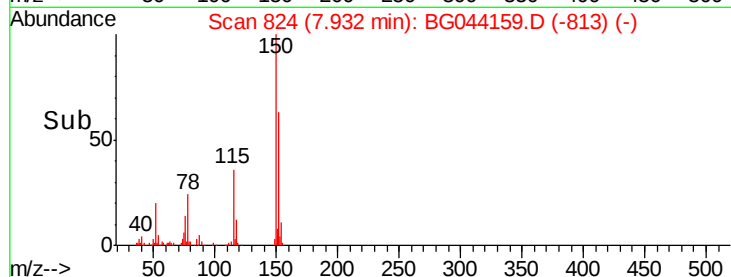
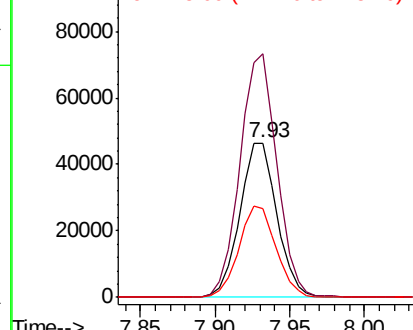
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044159.D
Acq: 22 Jan 2020 15:42

Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.8	127.0	190.4
115	57.2	47.8	71.8



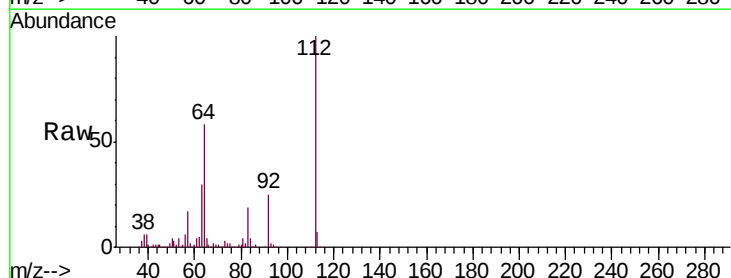
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



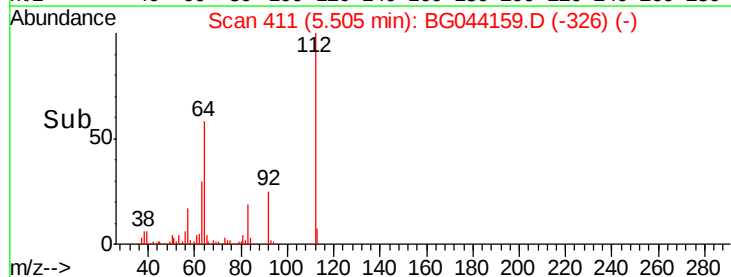
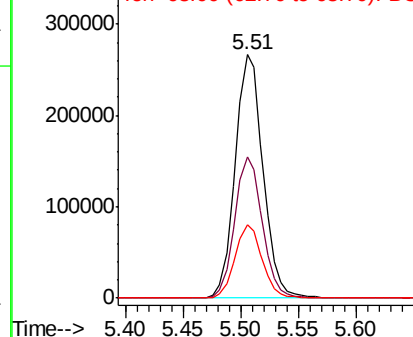
#5

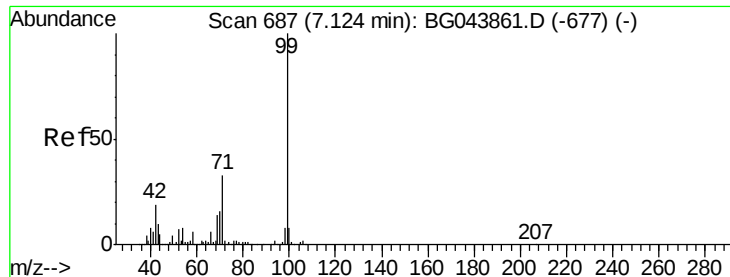
2-Fluorophenol
Concen: 102.434 ng
RT: 5.51 min Scan# 411
Delta R.T. -0.03 min
Lab File: BG044159.D
Acq: 22 Jan 2020 15:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.8	71.6
63	30.0	24.3	36.5



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: 102.929 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.03 min

Lab File: BG044159.D

Acq: 22 Jan 2020 15:42

Instrument :

BNA_G

ClientSampleId :

SB-03-COMP

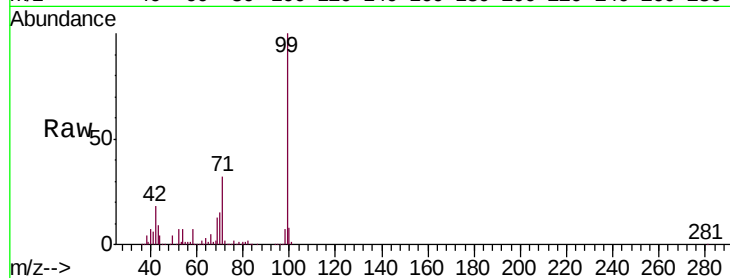
Tgt Ion: 99 Resp: 624401

Ion Ratio Lower Upper

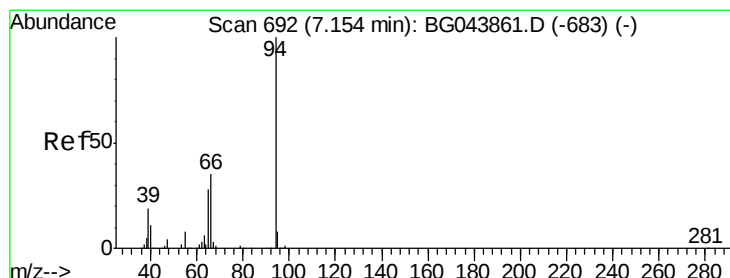
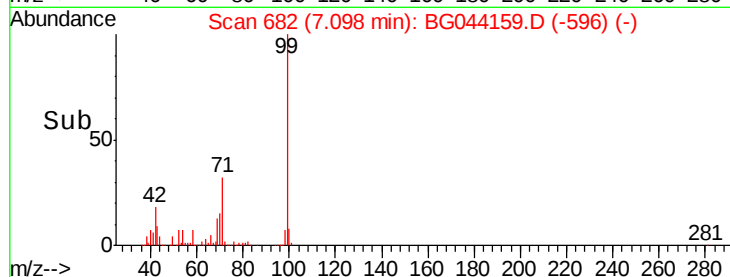
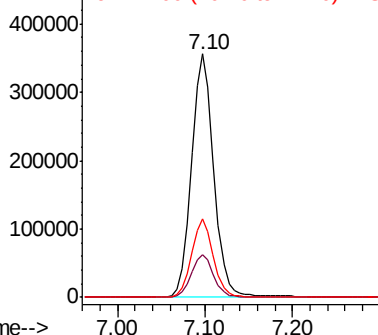
99 100

42 17.7 14.9 22.3

71 32.1 26.4 39.6



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



#10

Phenol

Concen: 3.313 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044159.D

Acq: 22 Jan 2020 15:42

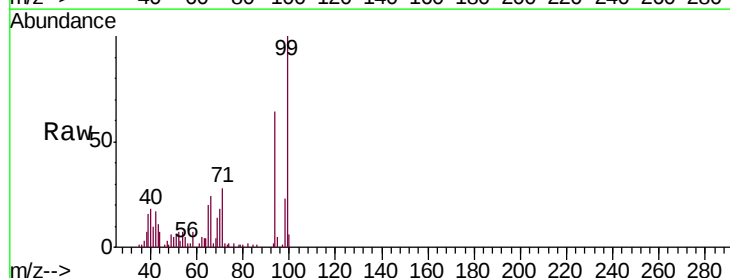
Tgt Ion: 94 Resp: 20709

Ion Ratio Lower Upper

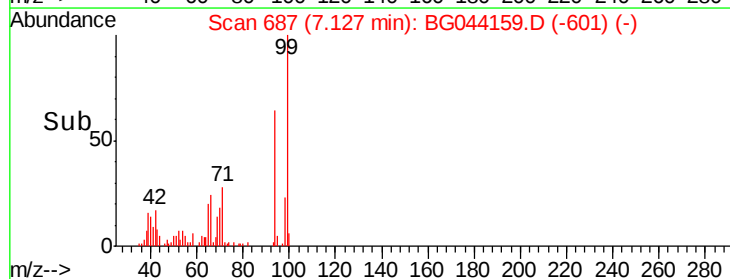
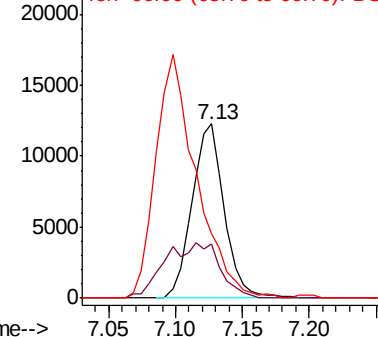
94 100

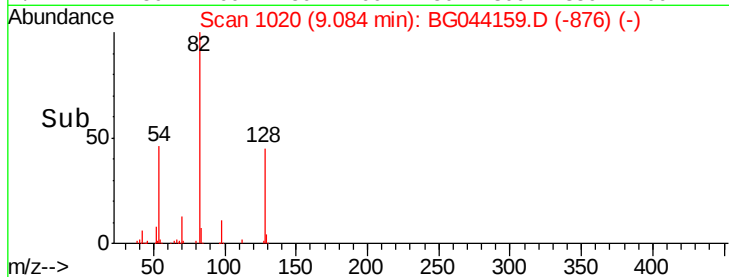
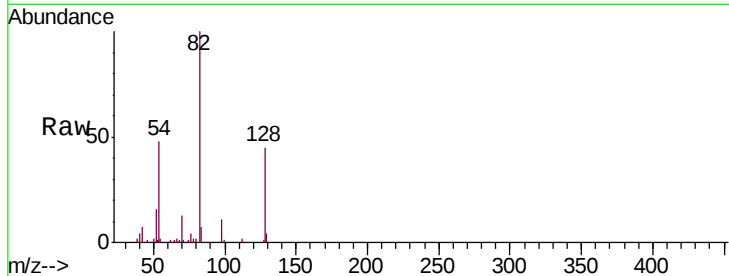
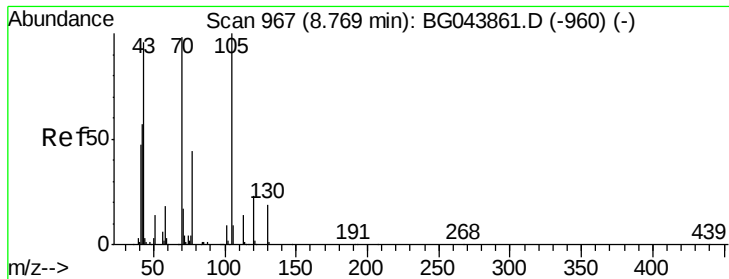
65 31.0 8.1 48.1

66 37.1 15.6 55.6



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

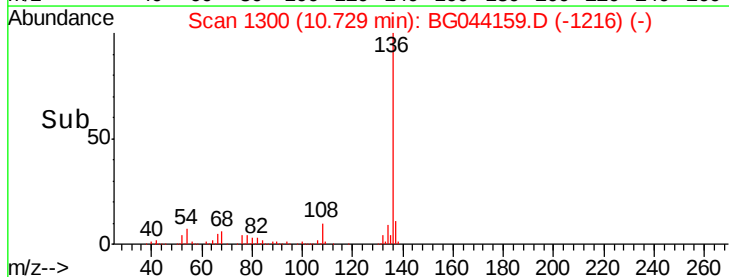
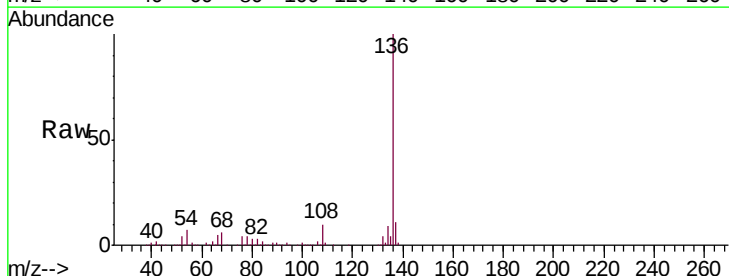
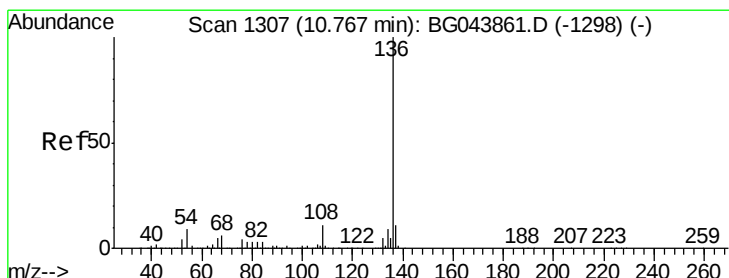
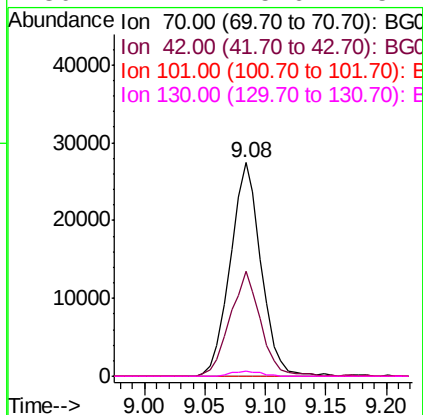




#19
n-Nitroso-di-n-propylamine
Concen: 10.768 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.31 min
Lab File: BG044159.D
Acq: 22 Jan 2020 15:42

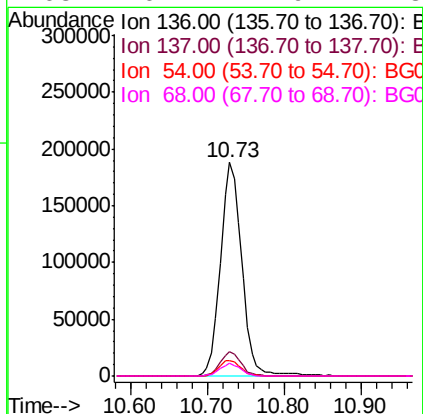
Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

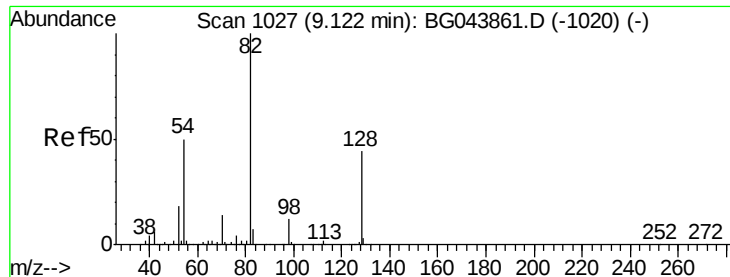
Tgt Ion:	70	Resp:	48645
Ion	Ratio	Lower	Upper
70	100		
42	49.3	47.0	70.4
101	0.0	7.2	10.8#
130	2.4	15.6	23.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BG044159.D
Acq: 22 Jan 2020 15:42

Tgt Ion:	136	Resp:	362455
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	7.2	7.0	10.4
68	6.1	4.9	7.3





#23

Nitrobenzene-d5

Concen: 55.872 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.04 min

Lab File: BG044159.D

Acq: 22 Jan 2020 15:42

Instrument :

BNA_G

ClientSampleId :

SB-03-COMP

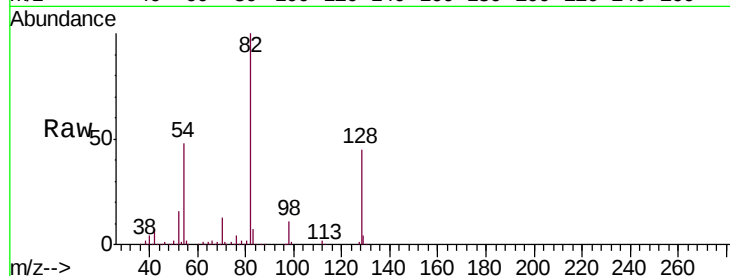
Tgt Ion: 82 Resp: 378551

Ion Ratio Lower Upper

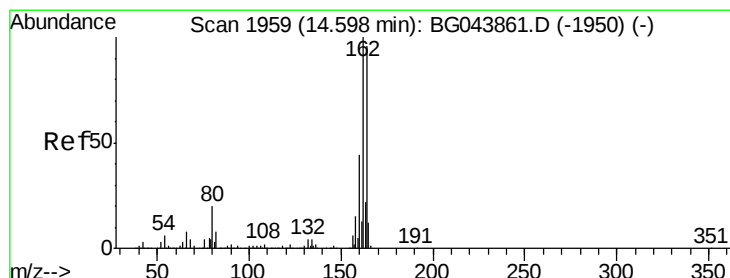
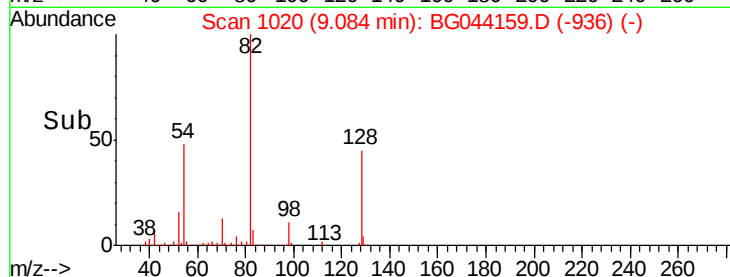
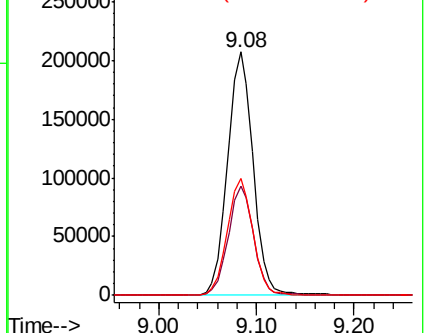
82 100

128 44.6 35.1 52.7

54 47.8 40.1 60.1



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: 14.57 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG044159.D

Acq: 22 Jan 2020 15:42

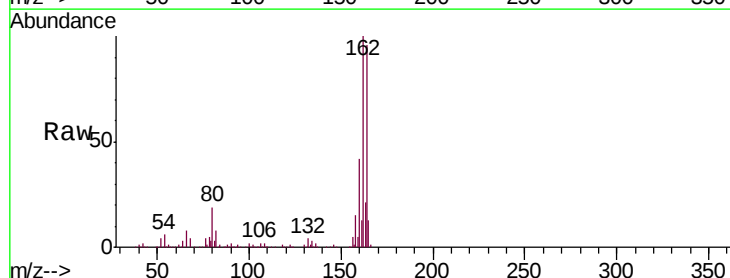
Tgt Ion: 164 Resp: 247992

Ion Ratio Lower Upper

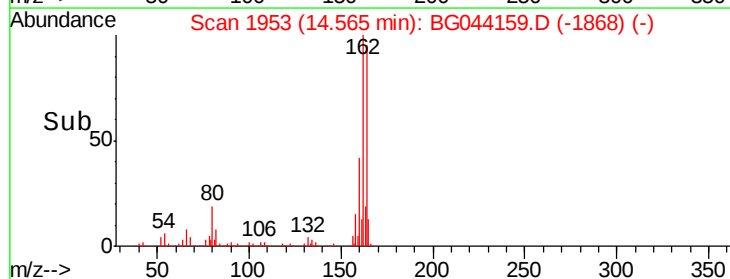
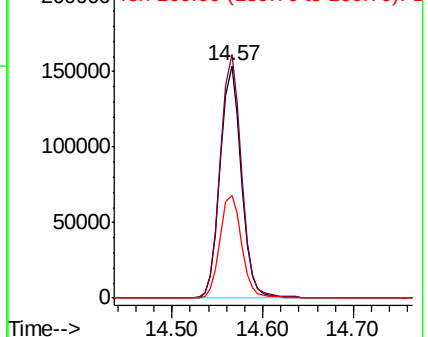
164 100

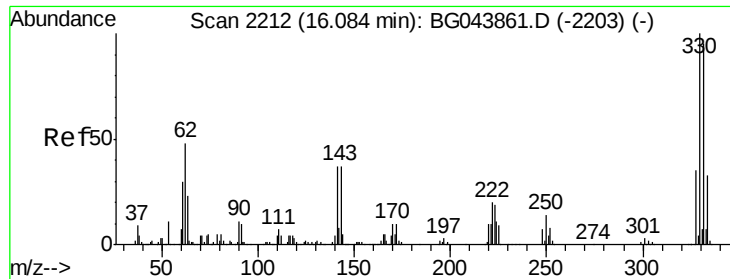
162 104.6 83.0 124.4

160 43.9 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

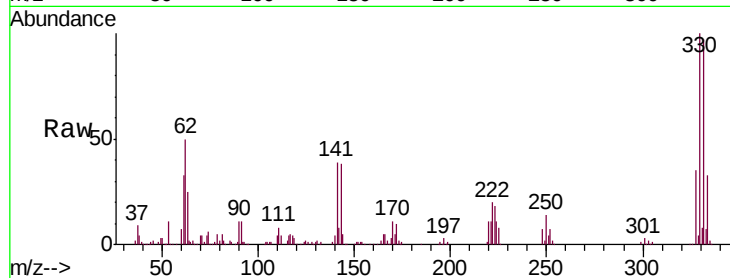




#42
 2,4,6-Tribromophenol
 Concen: 89.510 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.03 min
 Lab File: BG044159.D
 Acq: 22 Jan 2020 15:42

Instrument :
 BNA_G
 ClientSampleId :
 SB-03-COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.2	115.8
141	38.7	33.1	49.7

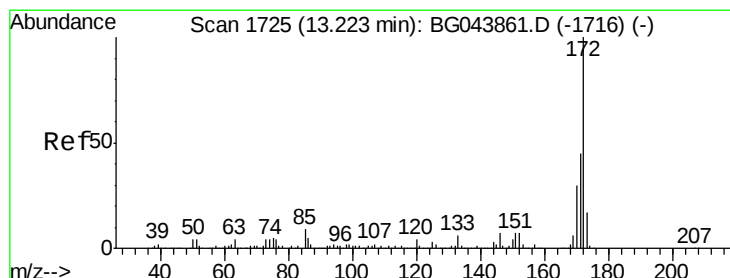
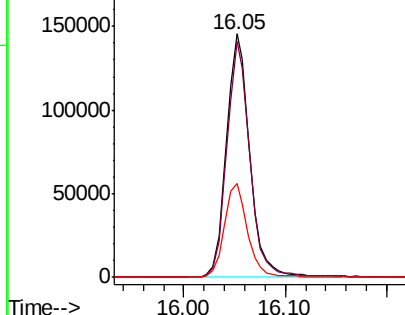
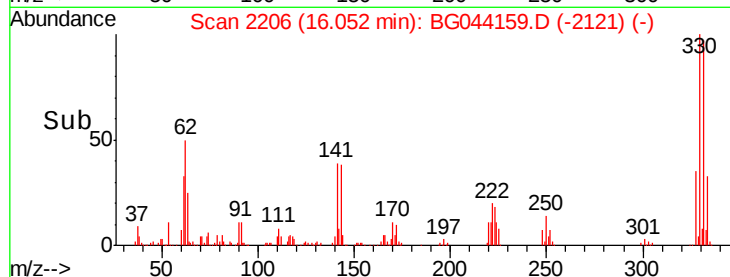


Abundance

Ion 329.80 (329.50 to 330.50): E

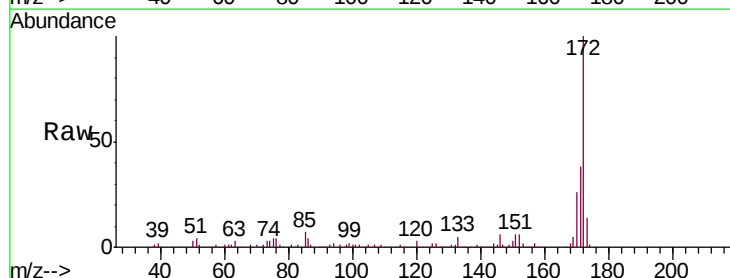
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 64.907 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.03 min
 Lab File: BG044159.D
 Acq: 22 Jan 2020 15:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	35.8	53.8
170	25.8	24.2	36.4

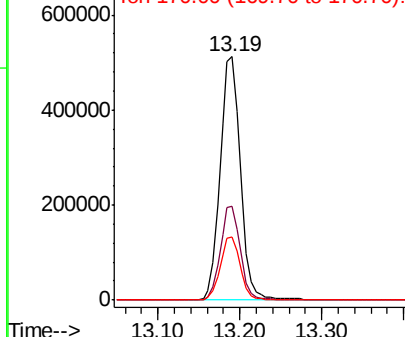
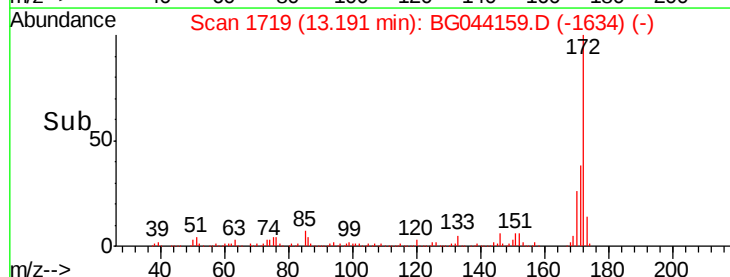


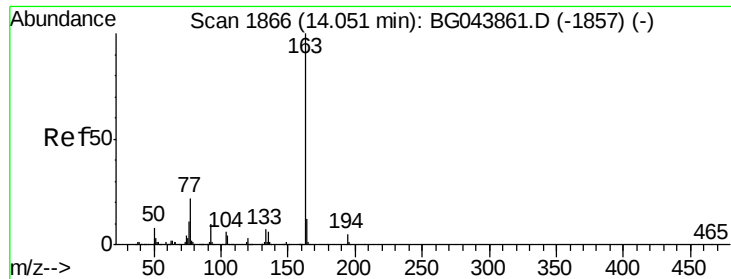
Abundance

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: 12.172 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.04 min

Lab File: BG044159.D

Acq: 22 Jan 2020 15:42

Instrument :

BNA_G

ClientSampleId :

SB-03-COMP

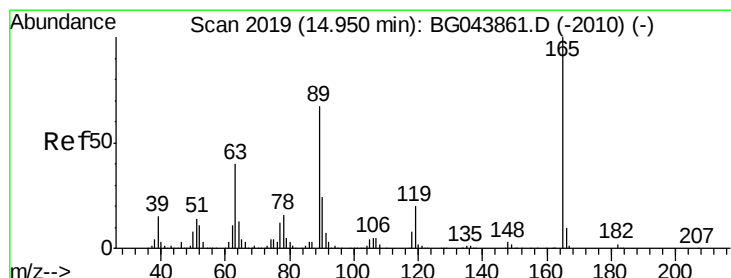
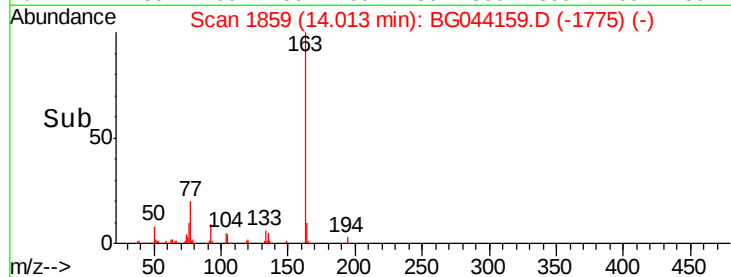
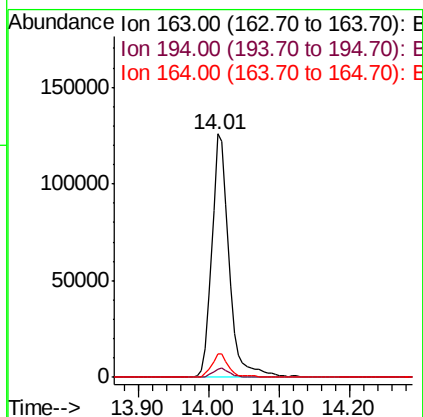
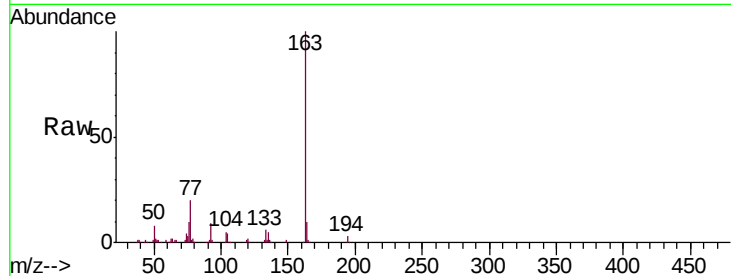
Tgt Ion:163 Resp: 214336

Ion Ratio Lower Upper

163 100

194 3.4 3.7 5.5#

164 9.9 9.3 13.9



#57

2,4-Dinitrotoluene

Concen: 5.727 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.38 min

Lab File: BG044159.D

Acq: 22 Jan 2020 15:42

Tgt Ion:165 Resp: 31012

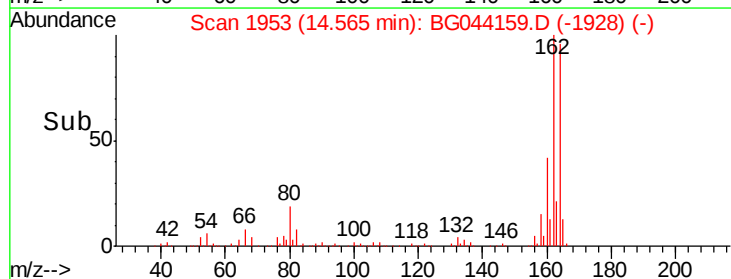
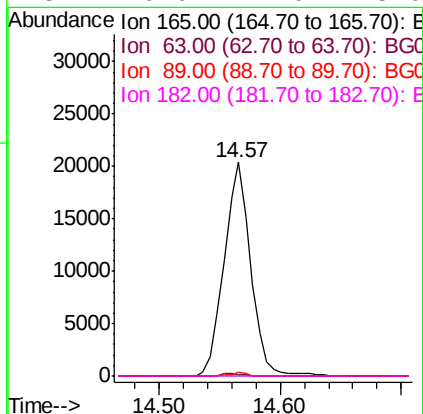
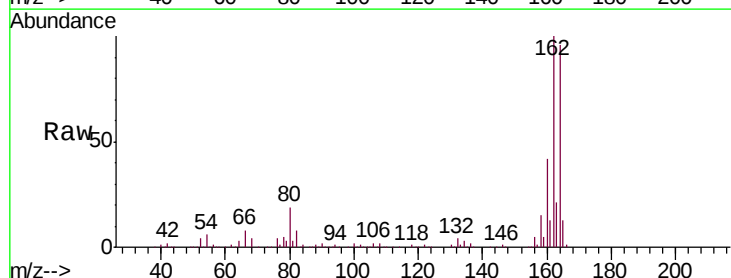
Ion Ratio Lower Upper

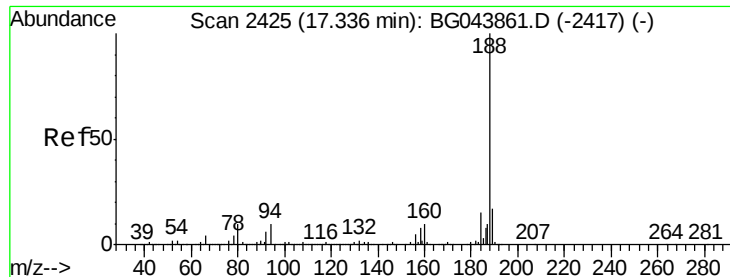
165 100

63 0.9 31.9 47.9#

89 2.1 53.8 80.6#

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BG044159.D

Acq: 22 Jan 2020 15:42

Instrument :

BNA_G

ClientSampleId :

SB-03-COMP

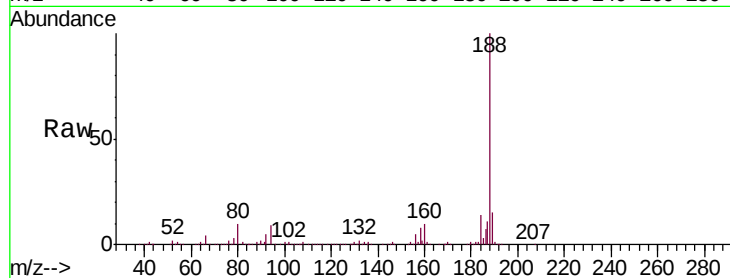
Tgt Ion:188 Resp: 496663

Ion Ratio Lower Upper

188 100

94 8.9 7.9 11.9

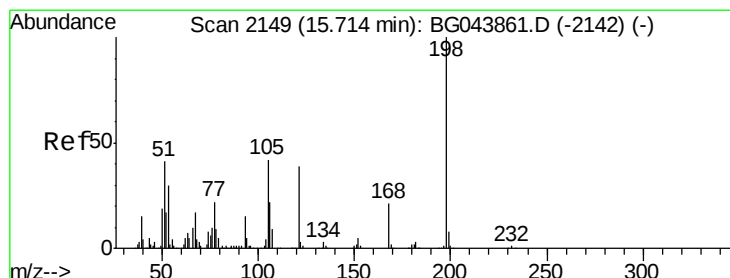
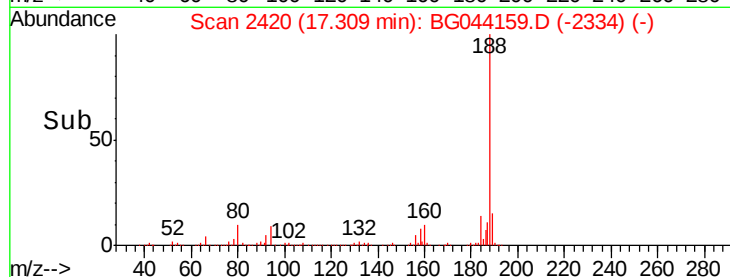
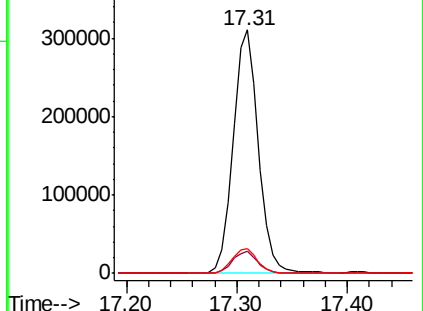
80 10.1 8.2 12.4



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



#65

4,6-Dinitro-2-methylphenol

Concen: 4.696 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.34 min

Lab File: BG044159.D

Acq: 22 Jan 2020 15:42

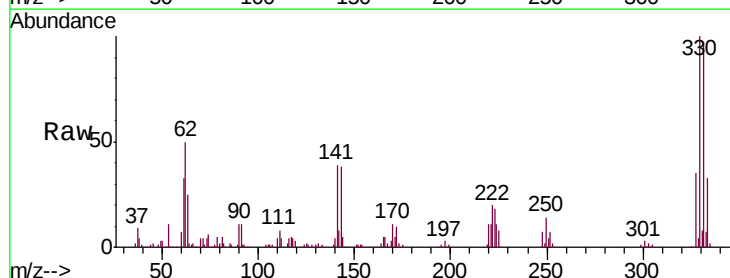
Tgt Ion:198 Resp: 862

Ion Ratio Lower Upper

198 100

51 86.1 22.5 62.5#

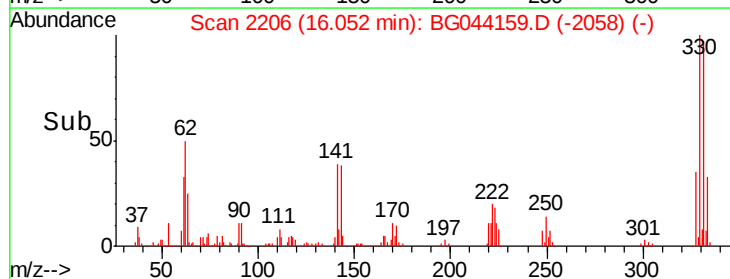
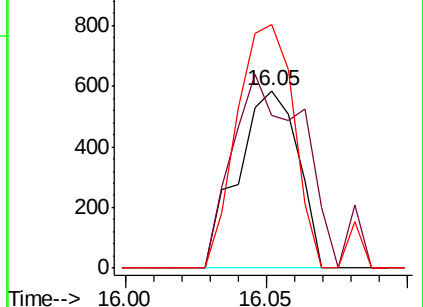
105 137.5 22.3 62.3#

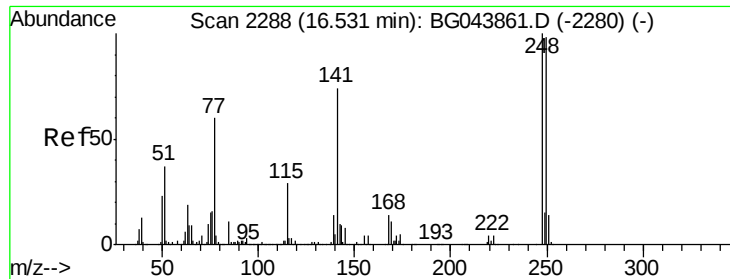


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

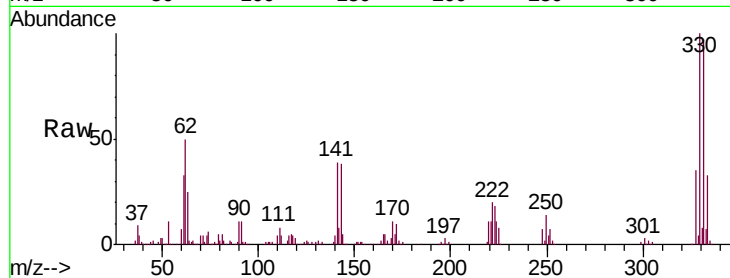




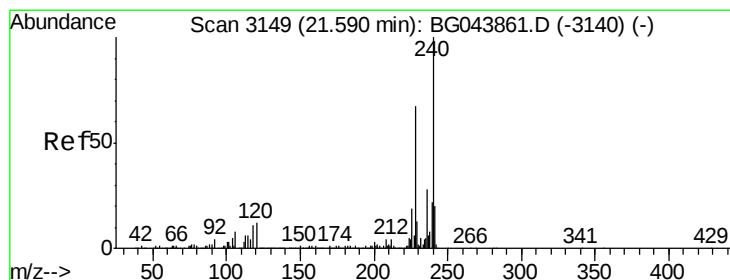
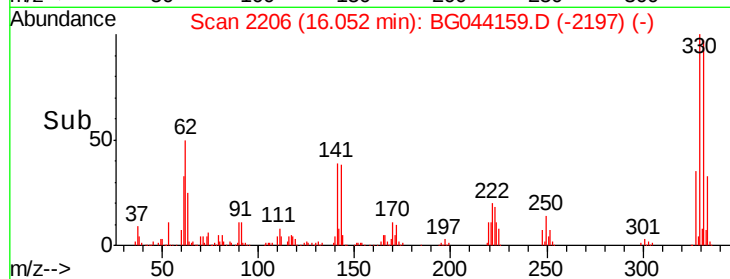
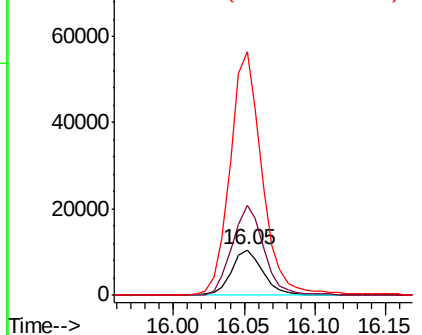
#67
 4-Bromophenyl-phenylether
 Concen: 2.934 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.48 min
 Lab File: BG044159.D
 Acq: 22 Jan 2020 15:42

Instrument :
 BNA_G
 ClientSampleId :
 SB-03-COMP

Tgt Ion:248 Resp: 16387
 Ion Ratio Lower Upper
 248 100
 250 196.2 78.2 117.2#
 141 532.3 59.3 88.9#

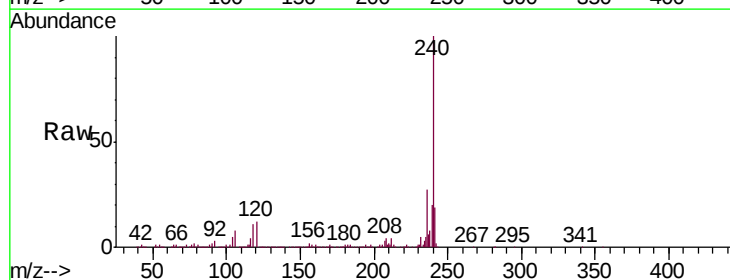


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

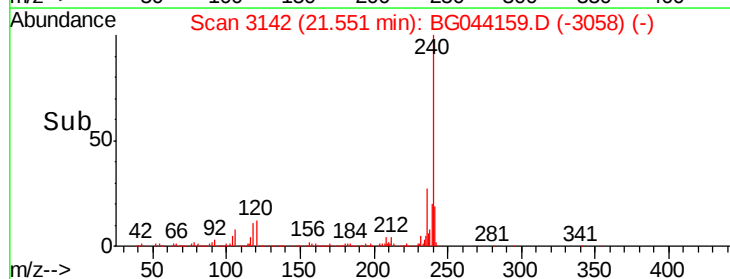
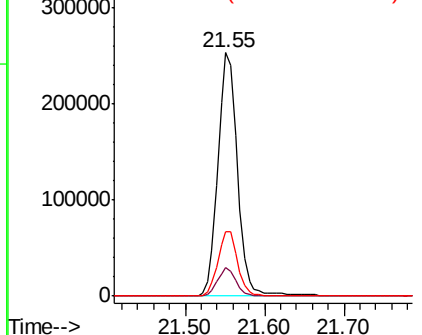


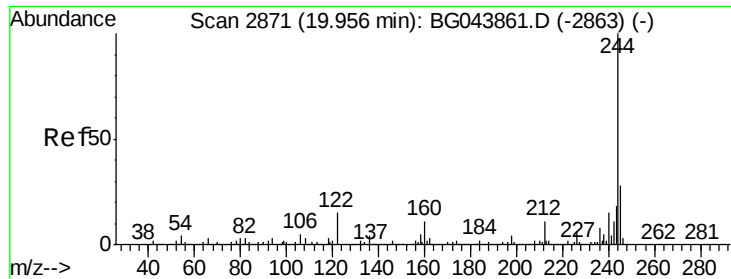
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.04 min
 Lab File: BG044159.D
 Acq: 22 Jan 2020 15:42

Tgt Ion:240 Resp: 433636
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.6 14.4
 236 26.7 22.2 33.2



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





#79

Terphenyl-d14

Concen: 64.646 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044159.D

Acq: 22 Jan 2020 15:42

Instrument :

BNA_G

ClientSampleId :

SB-03-COMP

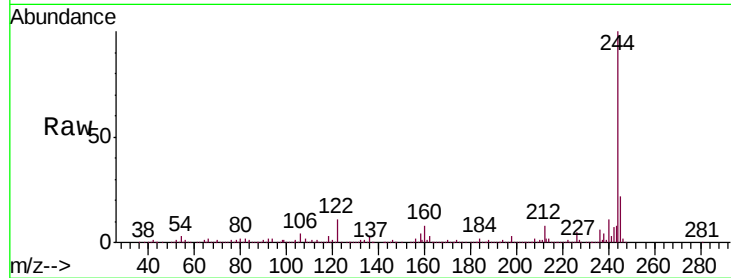
Tgt Ion:244 Resp: 1245061

Ion Ratio Lower Upper

244 100

212 8.4 8.6 13.0#

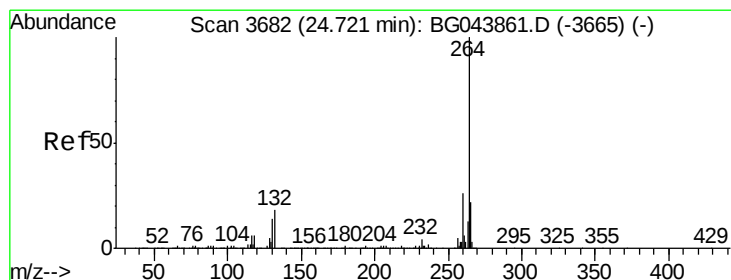
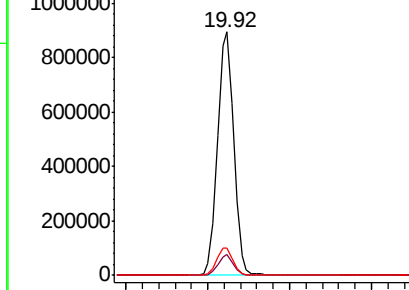
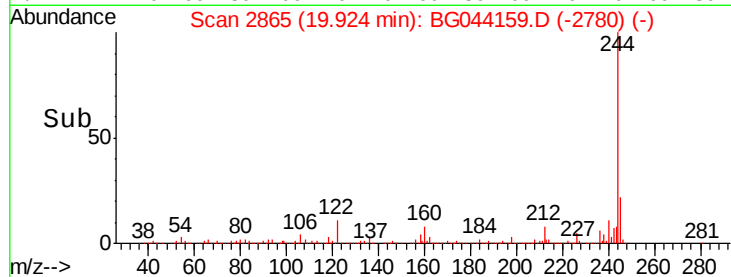
122 11.4 11.9 17.9#



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: 24.66 min Scan# 3671

Delta R.T. -0.06 min

Lab File: BG044159.D

Acq: 22 Jan 2020 15:42

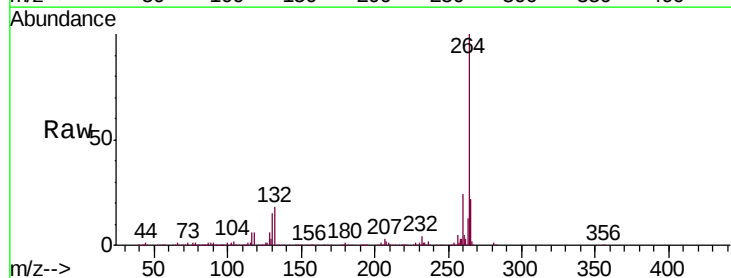
Tgt Ion:264 Resp: 478698

Ion Ratio Lower Upper

264 100

260 24.4 20.4 30.6

265 21.7 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

