

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
 Data File : BG044207.D
 Acq On : 25 Jan 2020 8:20
 Operator : CG/JU
 Sample : L1242-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20200057-COMP-3

Quant Time: Jan 27 05:33:21 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

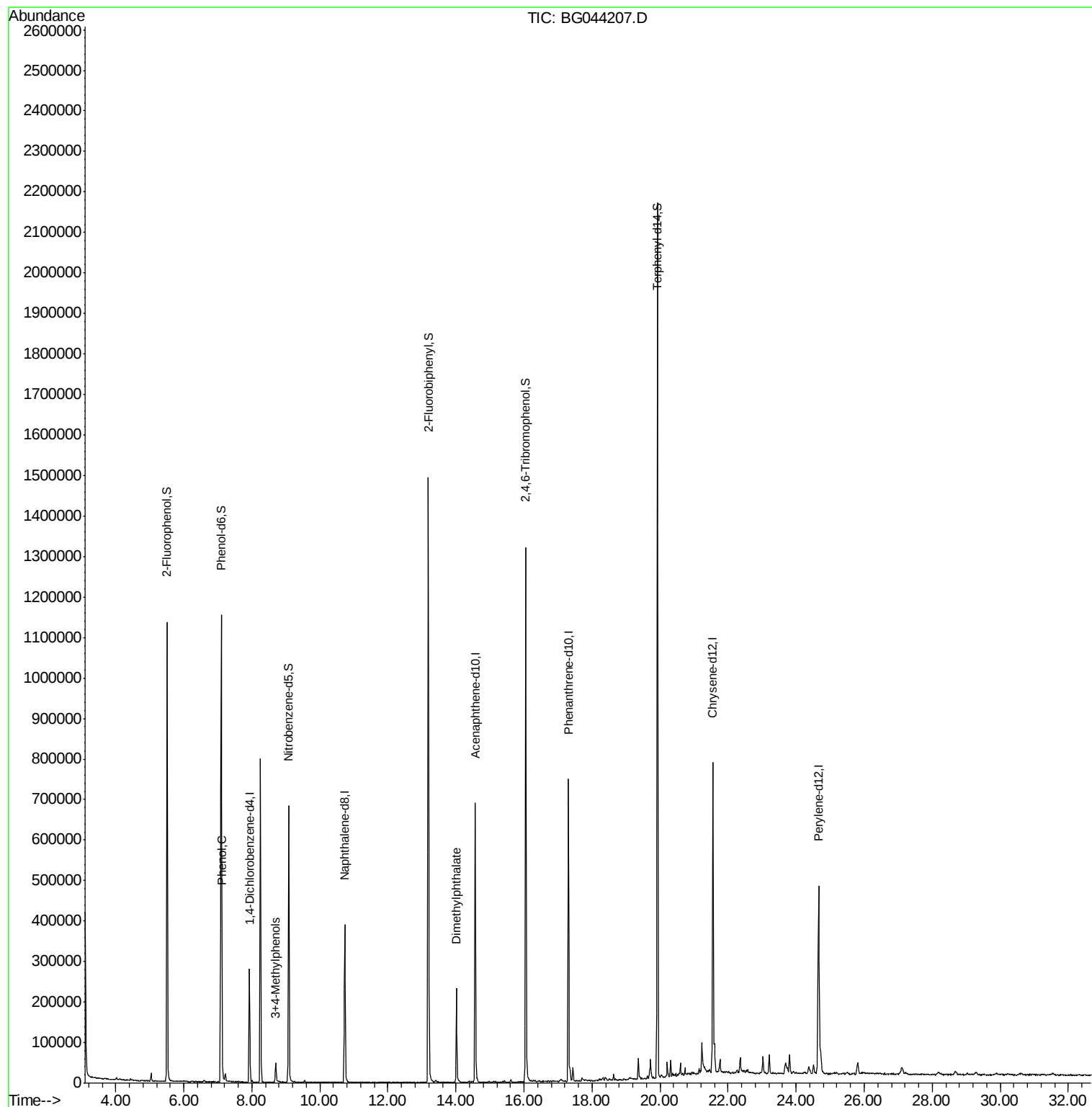
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	81917	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	369516	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	250354	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	497501	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	424888	20.00	ng	-0.04
87) Perylene-d12	24.66	264	471787	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	540808	121.22	ng	-0.03
7) Phenol-d6	7.10	99	736100	118.04	ng	-0.03
23) Nitrobenzene-d5	9.08	82	441966	63.98	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	254584	97.17	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	888067	64.27	ng	-0.04
79) Terphenyl-d14	19.92	244	1070487	54.48	ng	-0.03
Target Compounds						
10) Phenol	7.12	94	36469	5.676	ng	86
20) 3+4-Methylphenols	8.70	107	29523	4.551	ng	82
50) Dimethylphthalate	14.01	163	182859	10.287	ng	96

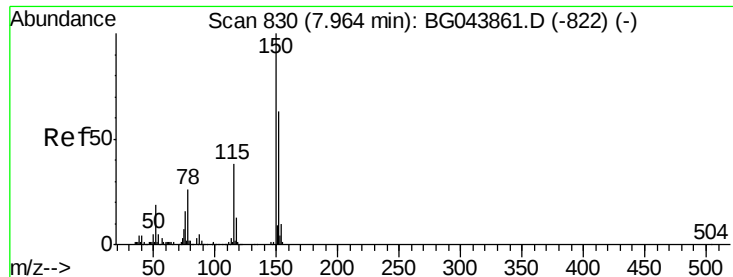
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
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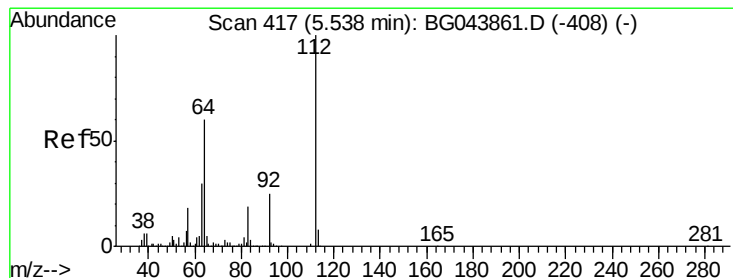
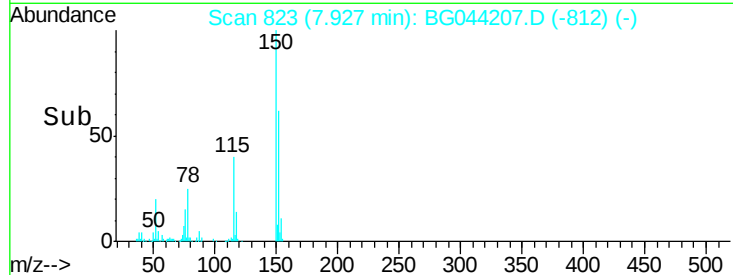
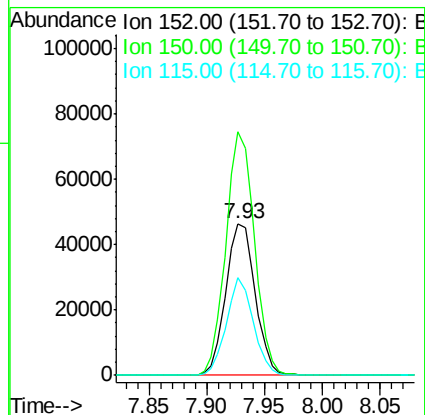
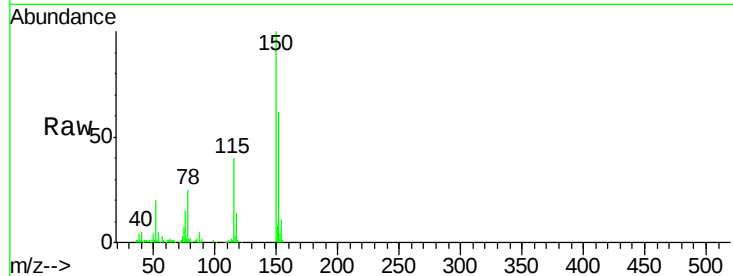


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.04 min
Lab File: BG044207.D
Acq: 25 Jan 2020 8:20

Instrument :
BNA_G
ClientSampleId :
20200057-COMP-3

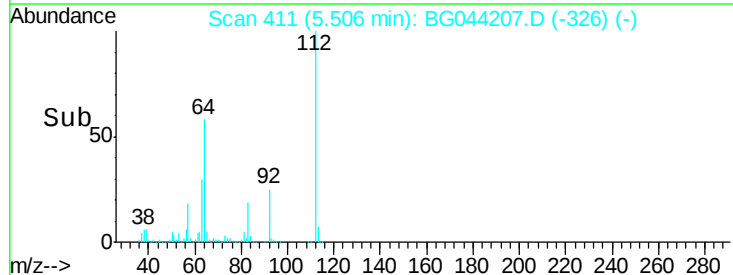
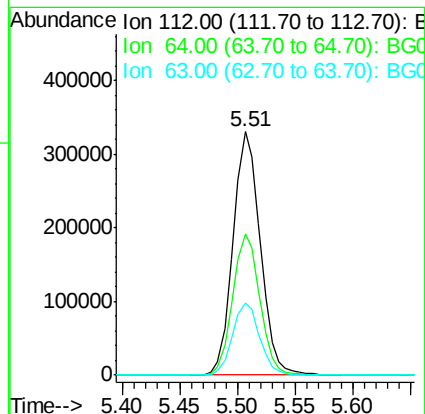
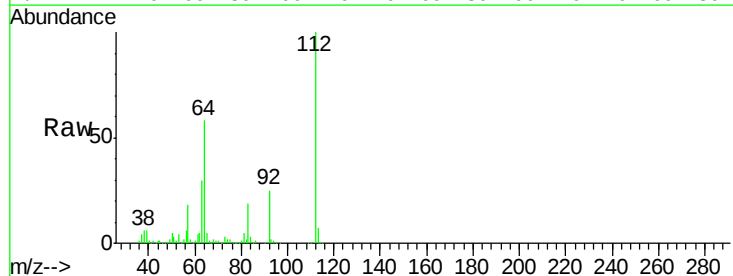
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	127.0	190.4
115	63.9	47.8	71.8

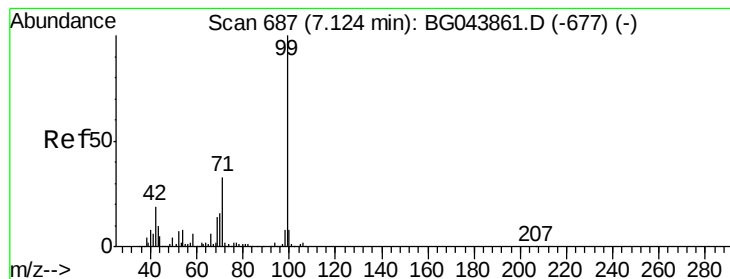


#5

2-Fluorophenol
Concen: 121.219 ng
RT: 5.51 min Scan# 411
Delta R.T. -0.03 min
Lab File: BG044207.D
Acq: 25 Jan 2020 8:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.8	71.6
63	29.8	24.3	36.5





#7

Phenol-d6

Concen: 118.036 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.03 min

Lab File: BG044207.D

Acq: 25 Jan 2020 8:20

Instrument :

BNA_G

ClientSampleId :

20200057-COMP-3

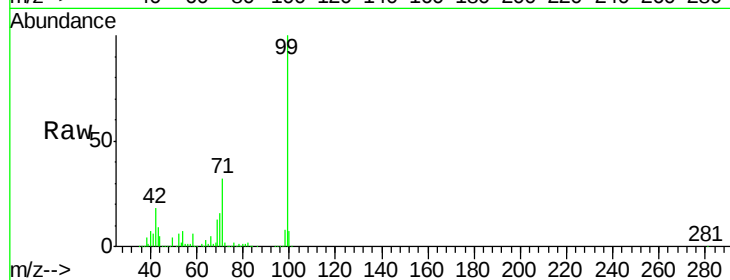
Tot Ion: 99 Resp: 736100

Ion Ratio Lower Upper

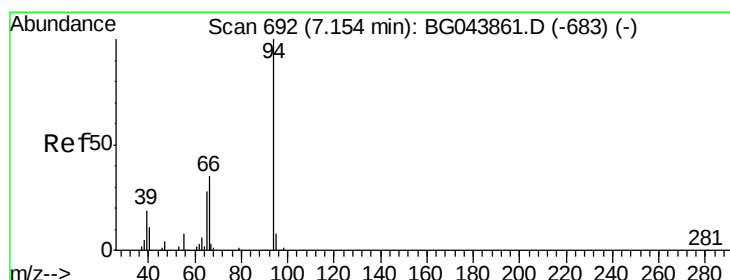
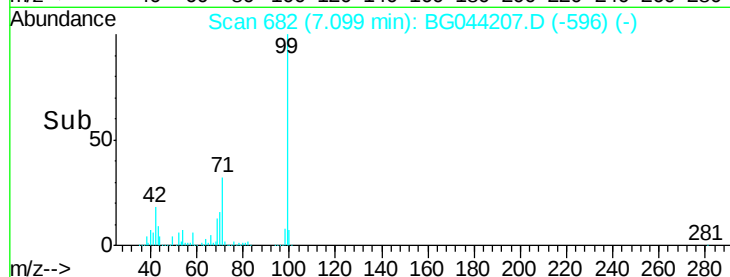
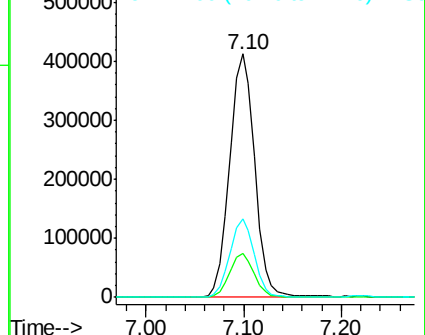
99 100

42 18.0 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: 5.676 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.03 min

Lab File: BG044207.D

Acq: 25 Jan 2020 8:20

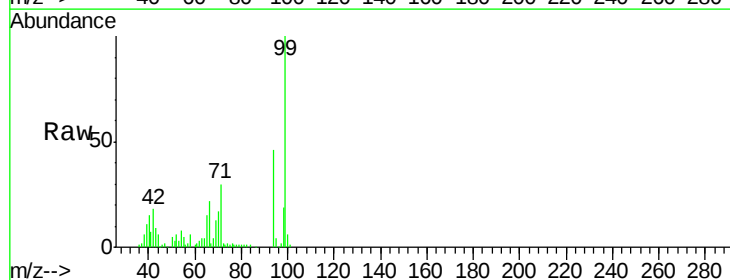
Tgt Ion: 94 Resp: 36469

Ion Ratio Lower Upper

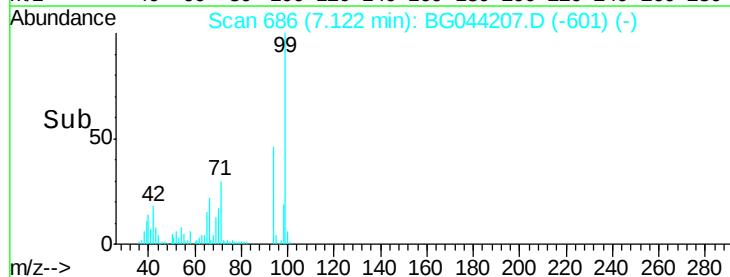
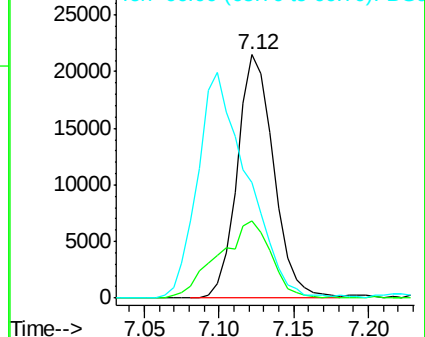
94 100

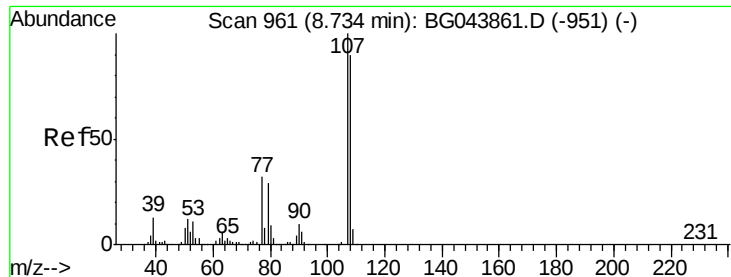
65 31.8 8.1 48.1

66 47.2 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





#20

3+4-Methylphenols

Concen: 4.551 ng

RT: 8.70 min Scan# 954

Delta R.T. -0.04 min

Lab File: BG044207.D

Acq: 25 Jan 2020 8:20

Instrument :

BNA_G

ClientSampleId :

20200057-COMP-3

Tot Ion:107 Resp: 29523

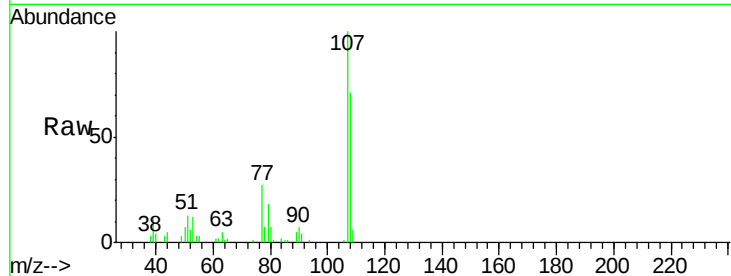
Ion Ratio Lower Upper

107 100

108 70.9 70.3 110.3

77 27.2 12.4 52.4

79 17.8 8.6 48.6

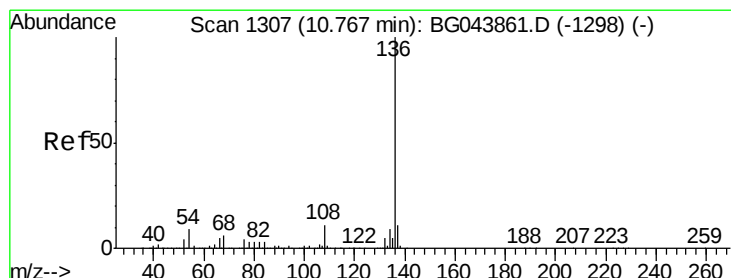
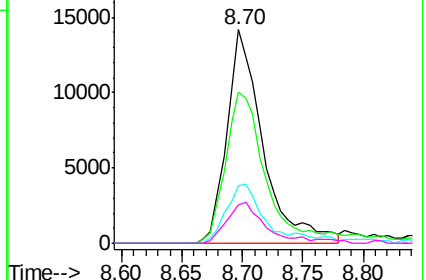
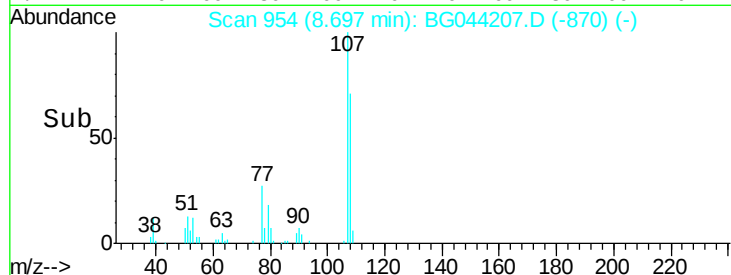


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1300

Delta R.T. -0.04 min

Lab File: BG044207.D

Acq: 25 Jan 2020 8:20

Tgt Ion:136 Resp: 369516

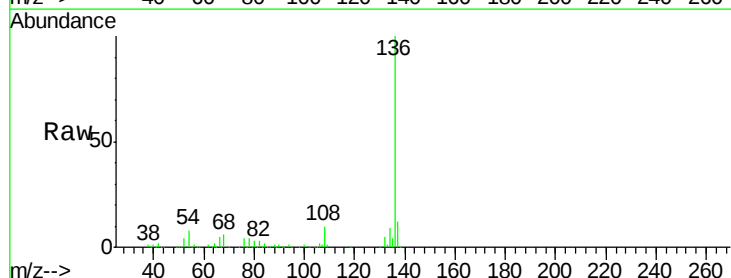
Ion Ratio Lower Upper

136 100

137 11.6 8.8 13.2

54 7.6 7.0 10.4

68 5.7 4.9 7.3

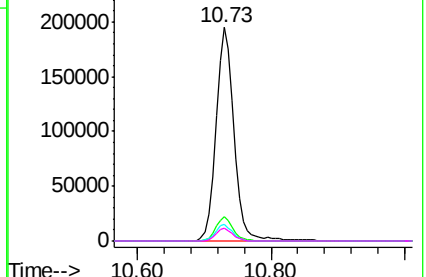
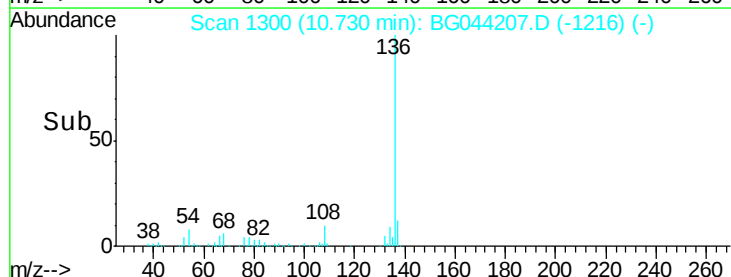


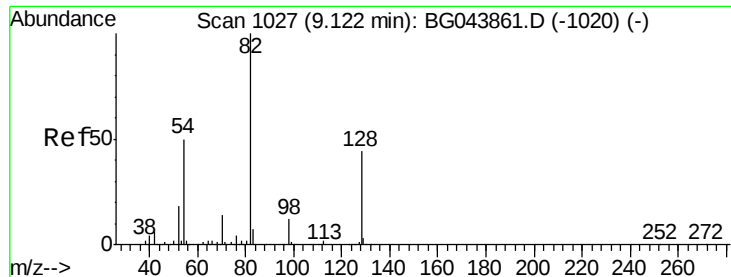
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 63.985 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.04 min

Lab File: BG044207.D

Acq: 25 Jan 2020 8:20

Instrument :

BNA_G

ClientSampleId :

20200057-COMP-3

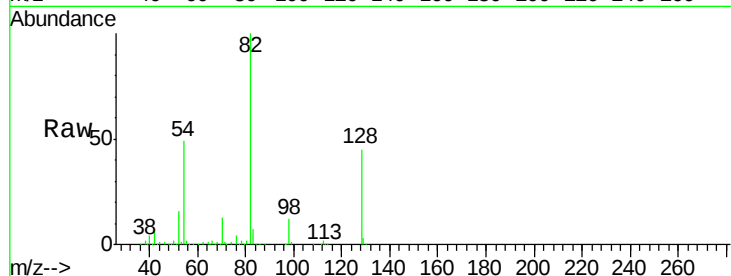
Tot Ion: 82 Resp: 441966

Ion Ratio Lower Upper

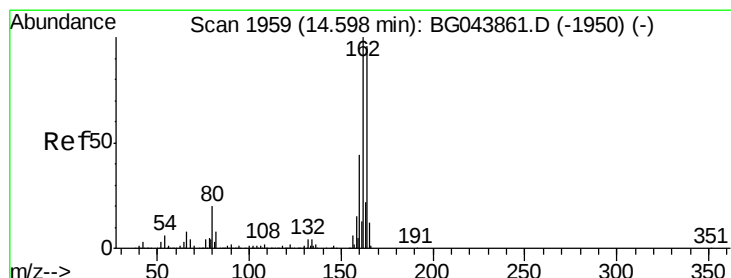
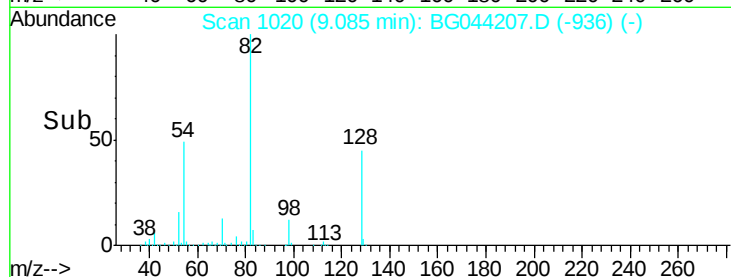
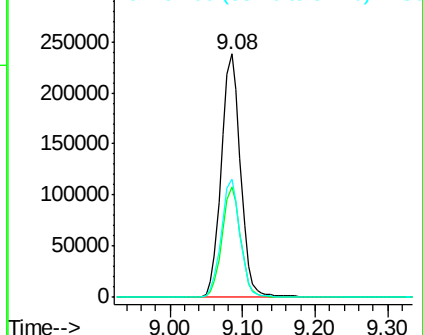
82 100

128 45.3 35.1 52.7

54 48.6 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: BG044207.D

Acq: 25 Jan 2020 8:20

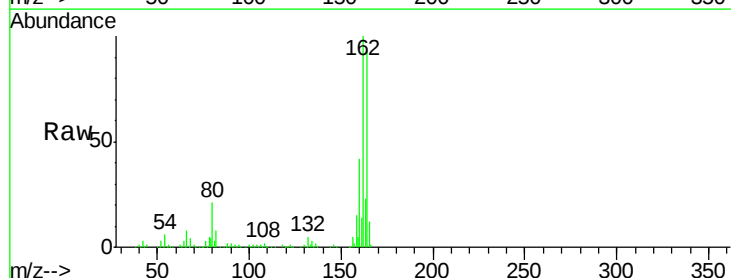
Tgt Ion: 164 Resp: 250354

Ion Ratio Lower Upper

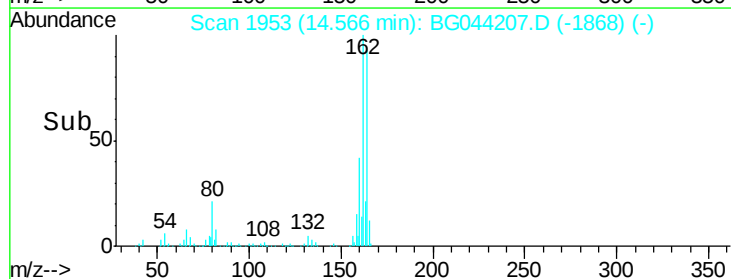
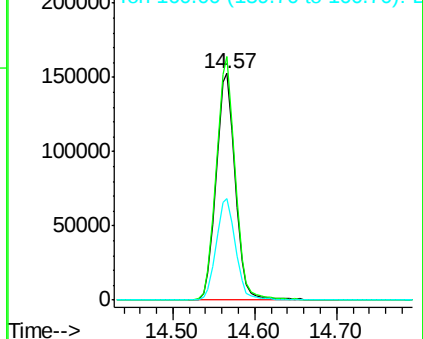
164 100

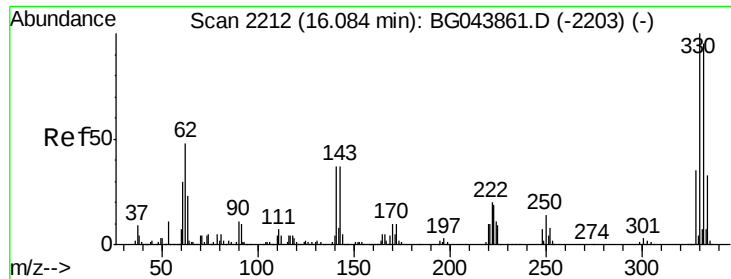
162 107.3 83.0 124.4

160 45.0 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: 97.173 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.03 min

Lab File: BG044207.D

Acq: 25 Jan 2020 8:20

Instrument :

BNA_G

ClientSampleId :

20200057-COMP-3

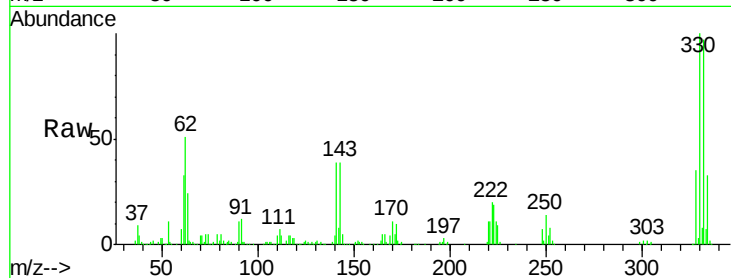
Tot Ion:330 Resp: 254584

Ion Ratio Lower Upper

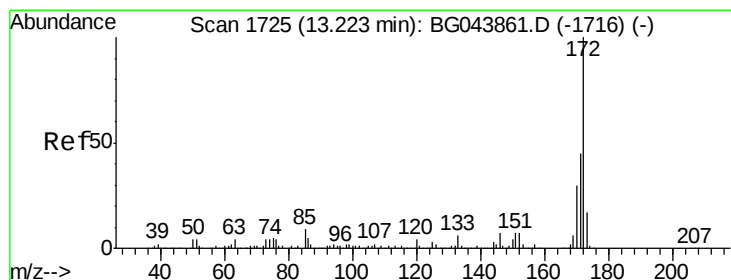
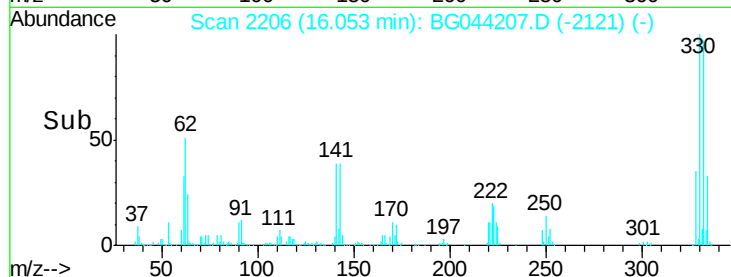
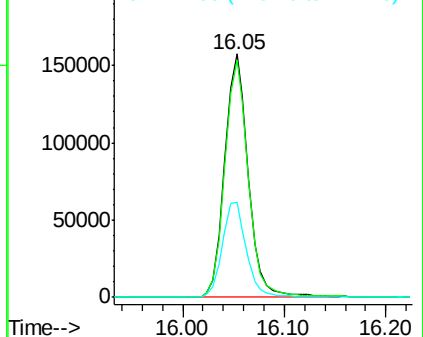
330 100

332 97.8 77.2 115.8

141 40.0 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: 64.268 ng

RT: 13.19 min Scan# 1718

Delta R.T. -0.04 min

Lab File: BG044207.D

Acq: 25 Jan 2020 8:20

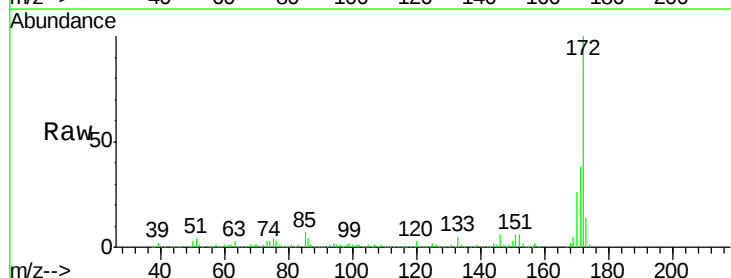
Tgt Ion:172 Resp: 888067

Ion Ratio Lower Upper

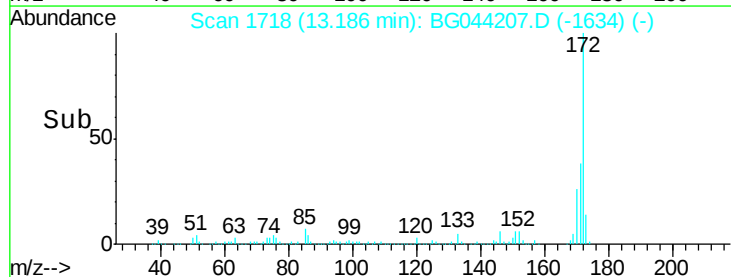
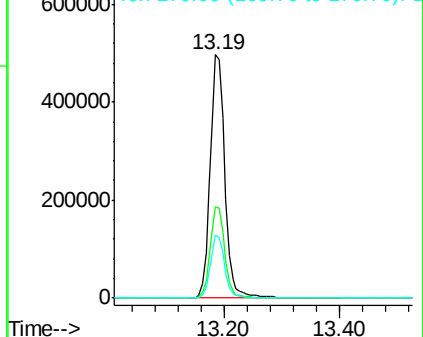
172 100

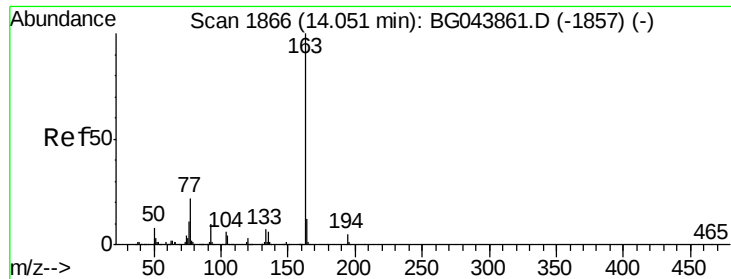
171 37.5 35.8 53.8

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: 10.287 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.04 min

Lab File: BG044207.D

Acq: 25 Jan 2020 8:20

Instrument :

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ClientSampleId :

20200057-COMP-3

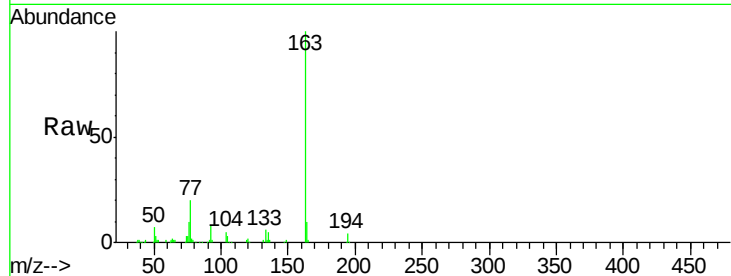
Tot Ion:163 Resp: 182859

Ion Ratio Lower Upper

163 100

194 4.0 3.7 5.5

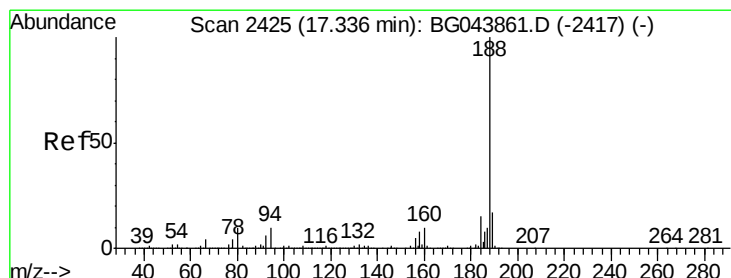
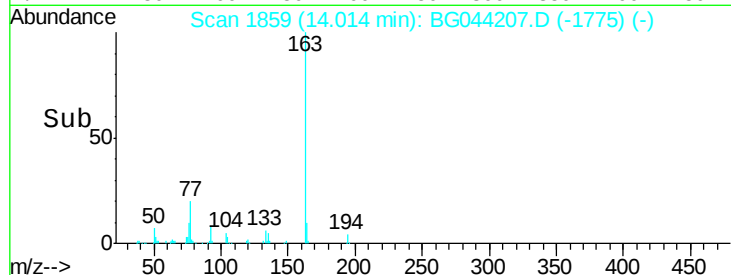
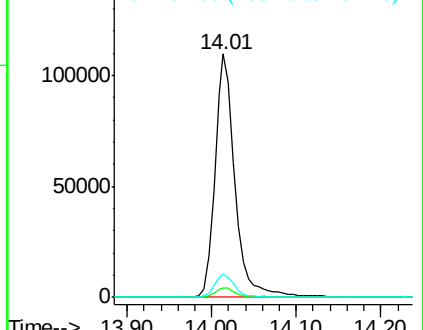
164 9.7 9.3 13.9



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BG044207.D

Acq: 25 Jan 2020 8:20

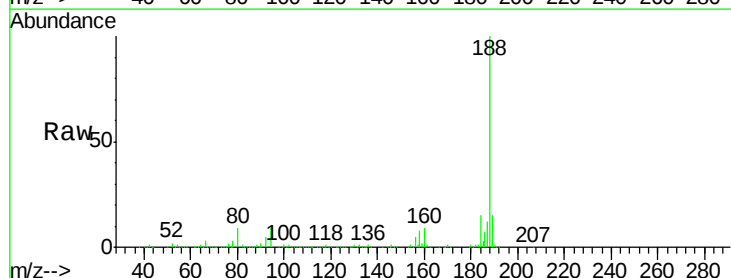
Tgt Ion:188 Resp: 497501

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

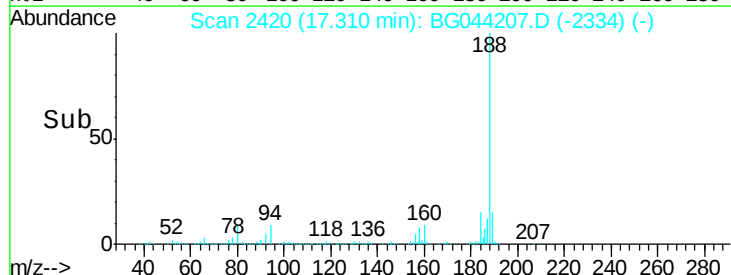
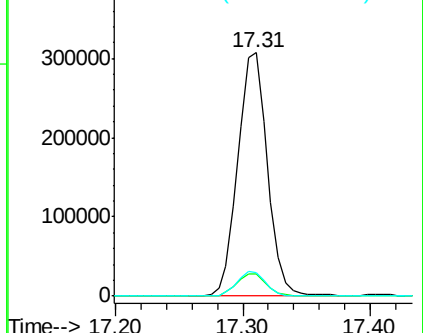
80 9.5 8.2 12.4

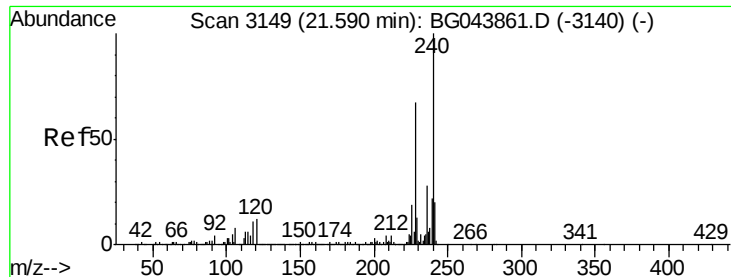


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.04 min

Lab File: BG044207.D

Acq: 25 Jan 2020 8:20

Instrument :

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20200057-COMP-3

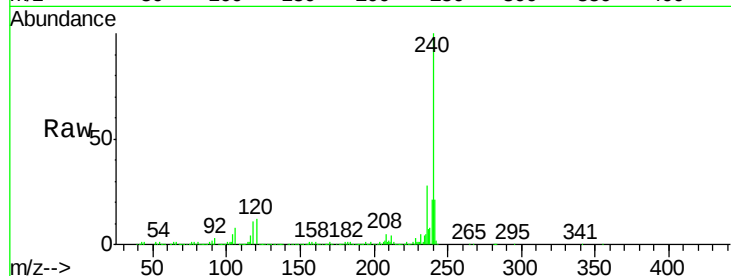
Tot Ion:240 Resp: 424888

Ion Ratio Lower Upper

240 100

120 11.7 9.6 14.4

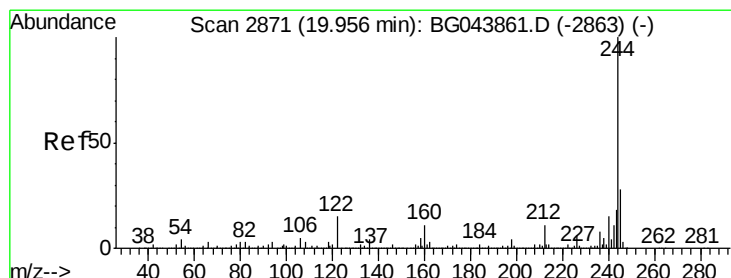
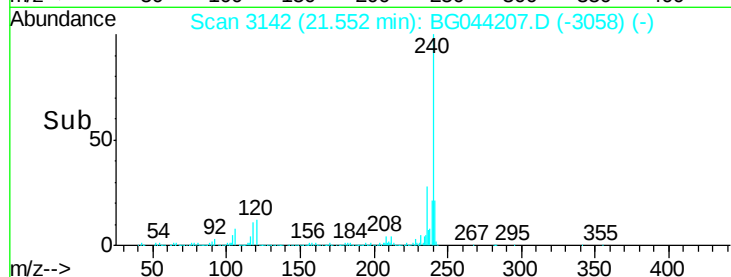
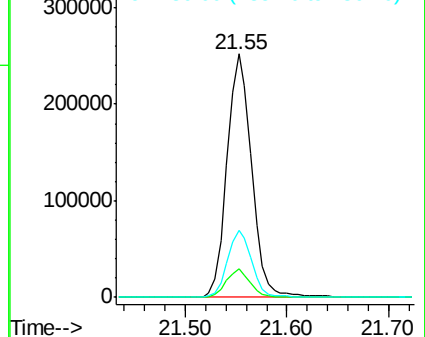
236 27.6 22.2 33.2



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: 54.480 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044207.D

Acq: 25 Jan 2020 8:20

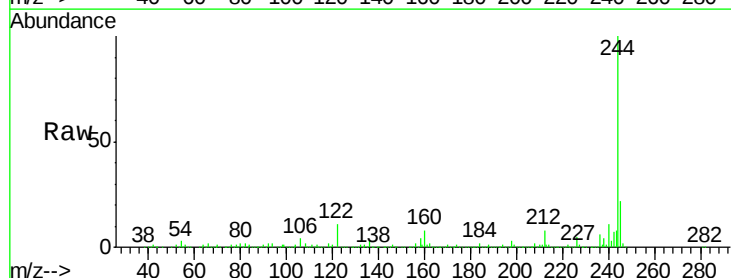
Tgt Ion:244 Resp: 1070487

Ion Ratio Lower Upper

244 100

212 7.9 8.6 13.0#

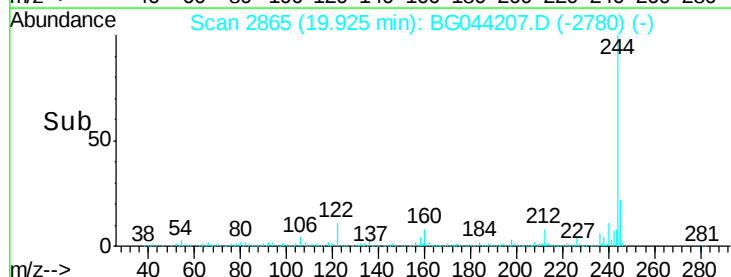
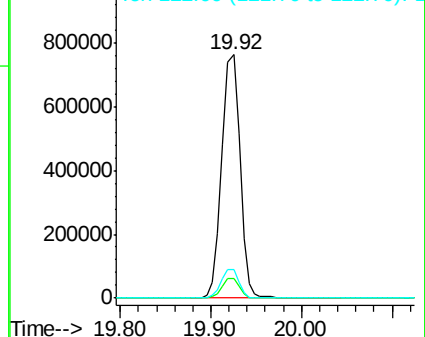
122 11.5 11.9 17.9#

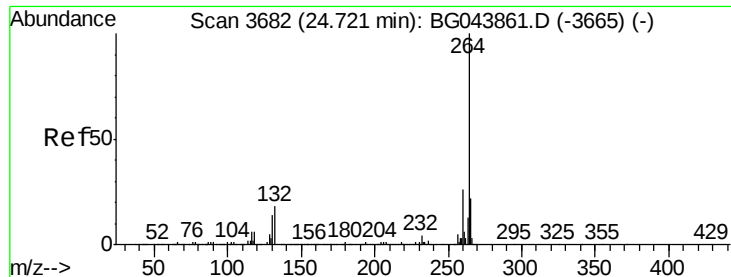


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.66 min Scan# 3671
 Delta R.T. -0.06 min
 Lab File: BG044207.D
 Acq: 25 Jan 2020 8:20

Instrument :
 BNA_G
 ClientSampleId :
 20200057-COMP-3

Tot Ion:264	Resp:	471787
Ion	Ratio	Lower Upper
264	100	
260	24.8	20.4 30.6
265	21.8	17.4 26.2

