

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
 Data File : BG044223.D
 Acq On : 27 Jan 2020 20:07
 Operator : CG/JU
 Sample : L1255-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0074-COMPOSITE

Quant Time: Jan 28 02:05:51 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

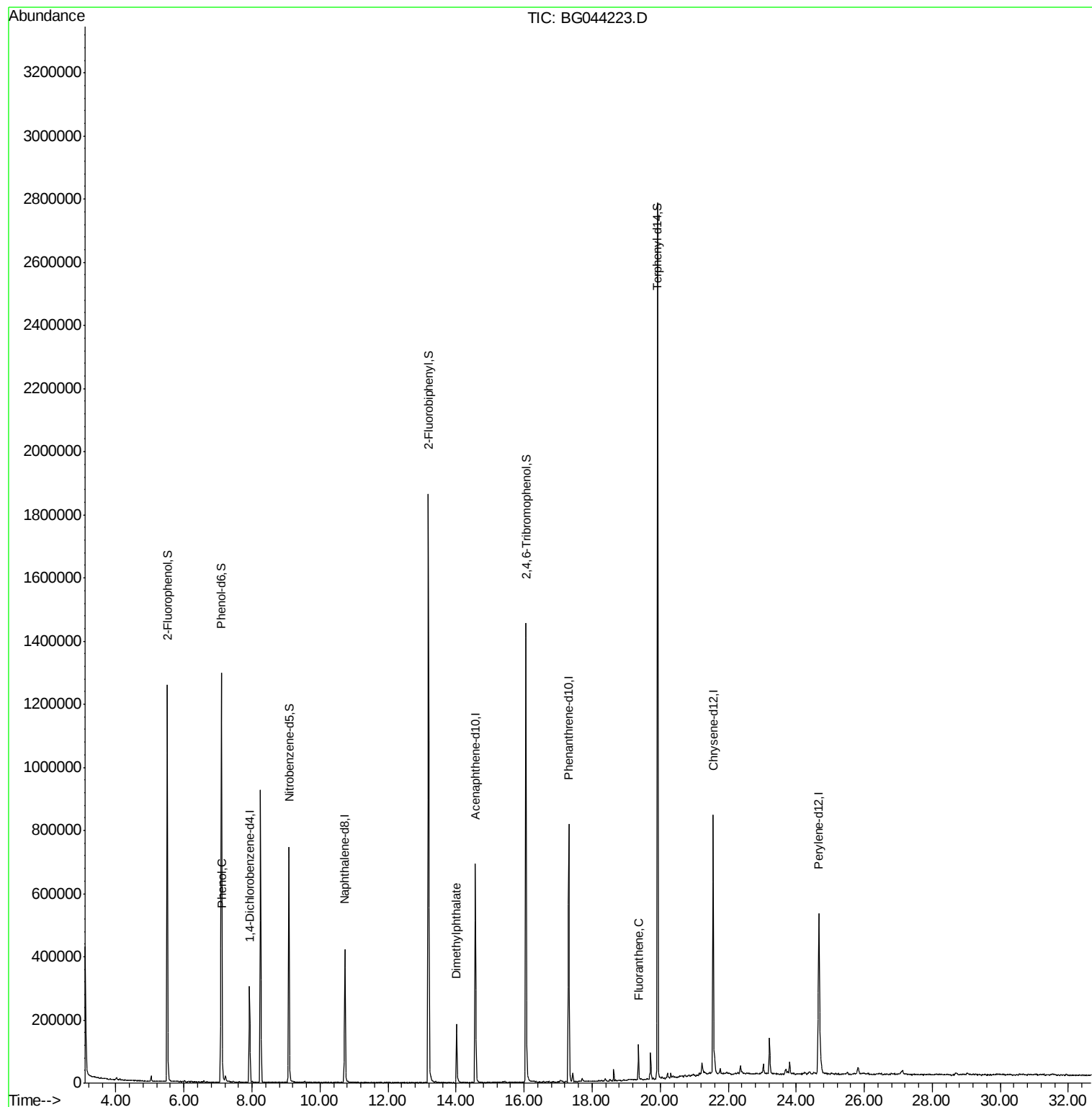
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	91051	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	408208	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	275297	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	542907	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	480596	20.00	ng	-0.03
87) Perylene-d12	24.66	264	537118	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	609411	122.89	ng	-0.03
7) Phenol-d6	7.10	99	834111	120.33	ng	-0.02
23) Nitrobenzene-d5	9.09	82	486526	63.76	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	292934	101.68	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1044378	68.73	ng	-0.03
79) Terphenyl-d14	19.92	244	1331695	61.70	ng	-0.03
Target Compounds						
10) Phenol	7.12	94	26855	3.760	ng	87
50) Dimethylphthalate	14.02	163	149810	7.664	ng	98
75) Fluoranthene	19.36	202	70101	2.354	ng	91

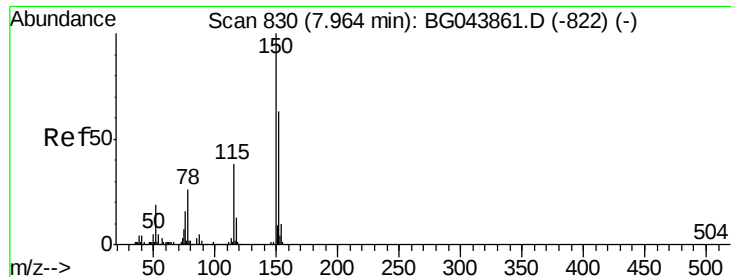
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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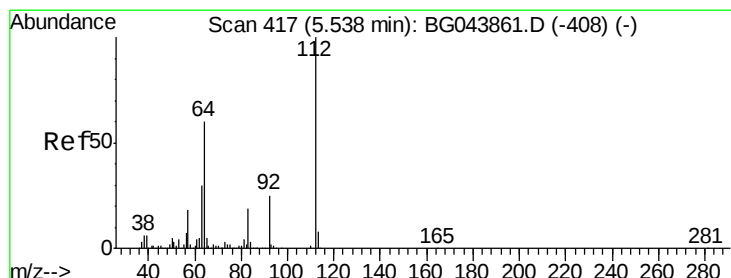
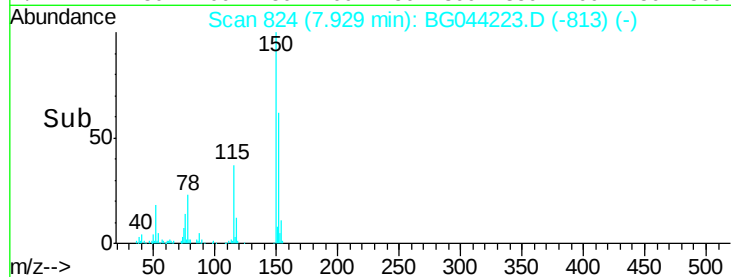
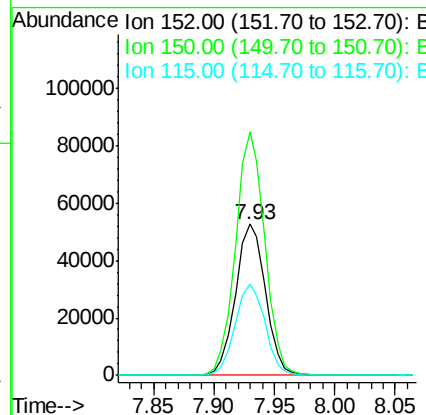
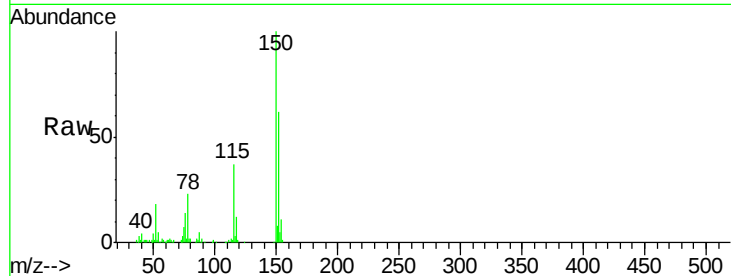


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044223.D
Acq: 27 Jan 2020 20:07

Instrument :
BNA_G
ClientSampleId :
0074-COMPOSITE

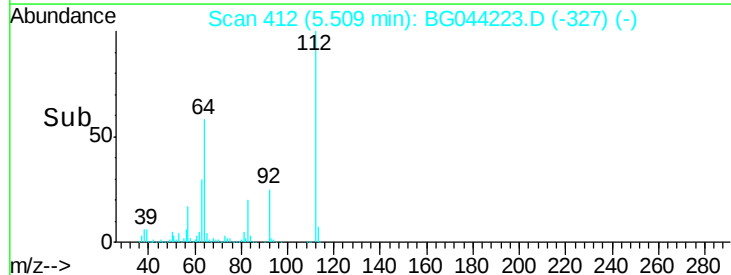
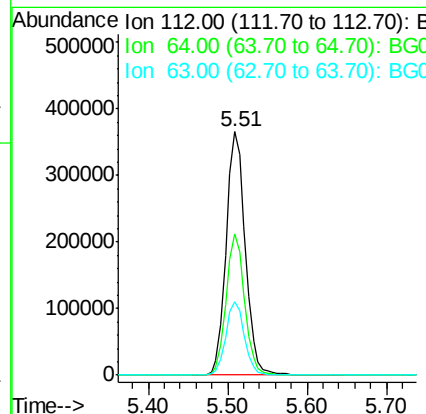
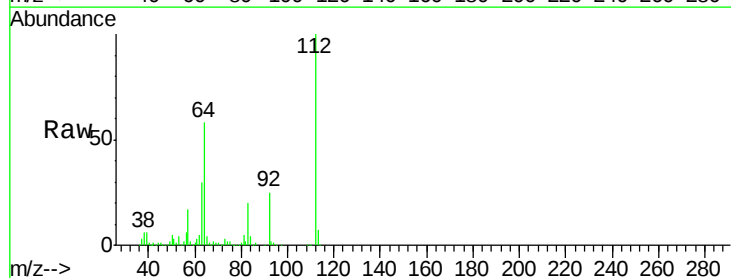
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	127.0	190.4
115	60.1	47.8	71.8

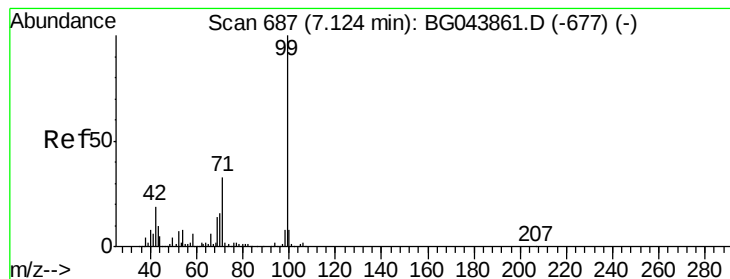


#5

2-Fluorophenol
Concen: 122.893 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044223.D
Acq: 27 Jan 2020 20:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.8	71.6
63	30.3	24.3	36.5





#7

Phenol-d6

Concen: 120.334 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044223.D

Acq: 27 Jan 2020 20:07

Instrument :

BNA_G

ClientSampleId :

0074-COMPOSITE

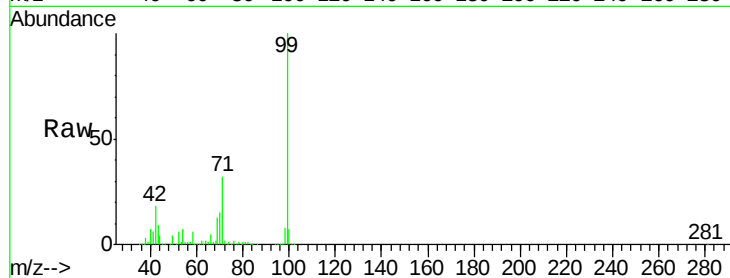
Tot Ion: 99 Resp: 834111

Ion Ratio Lower Upper

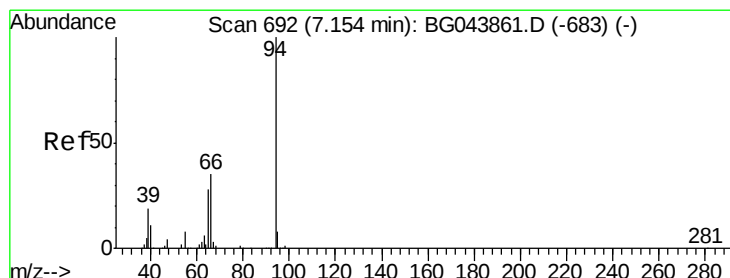
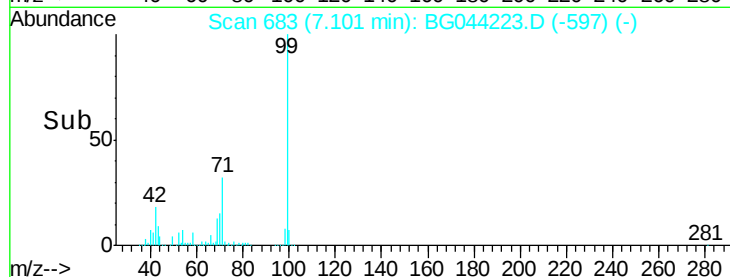
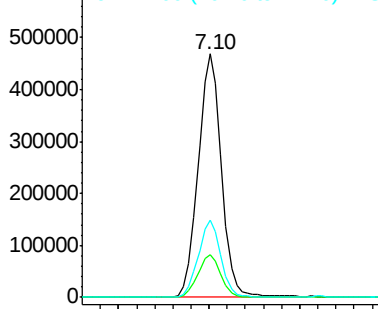
99 100

42 17.5 14.9 22.3

71 32.0 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: 3.760 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044223.D

Acq: 27 Jan 2020 20:07

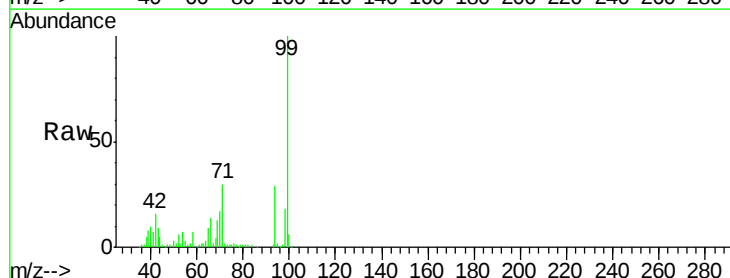
Tgt Ion: 94 Resp: 26855

Ion Ratio Lower Upper

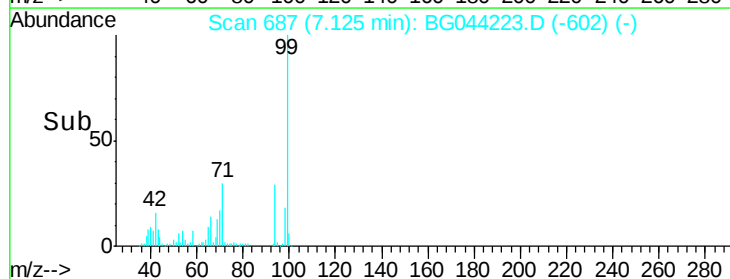
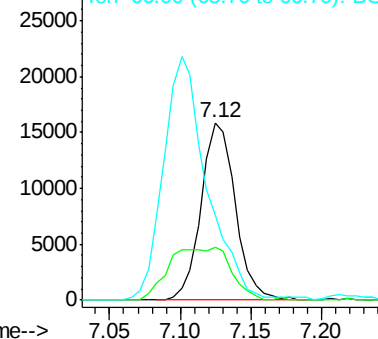
94 100

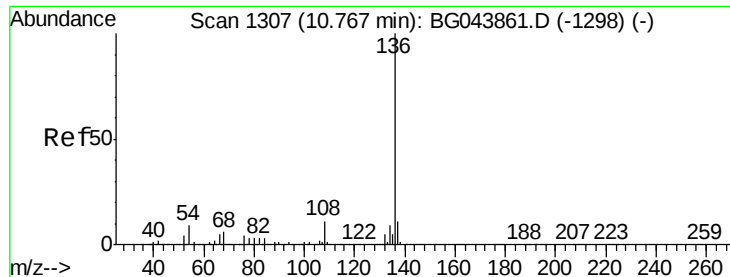
65 29.6 8.1 48.1

66 48.1 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

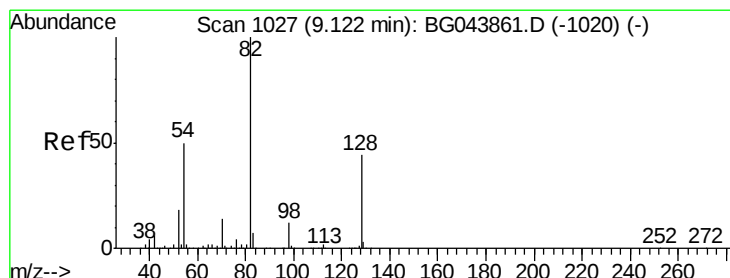
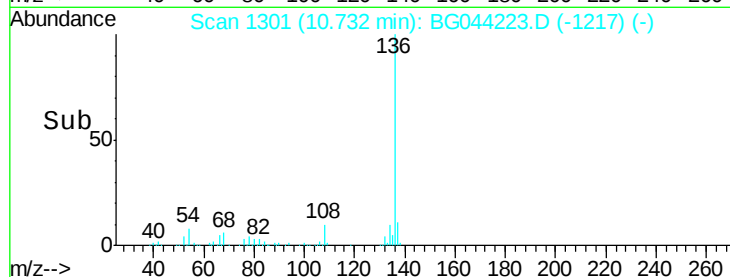
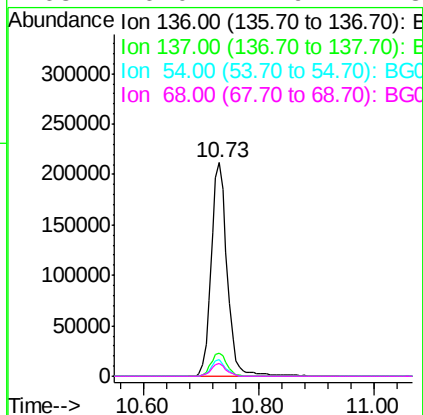
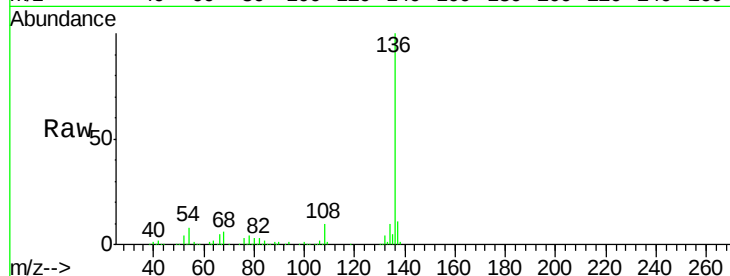




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044223.D
Acq: 27 Jan 2020 20:07

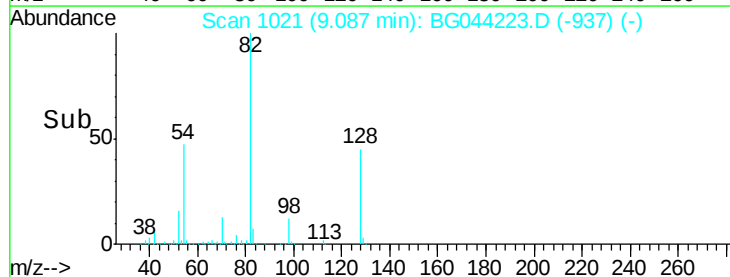
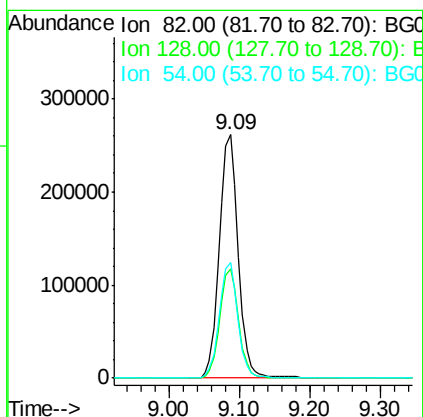
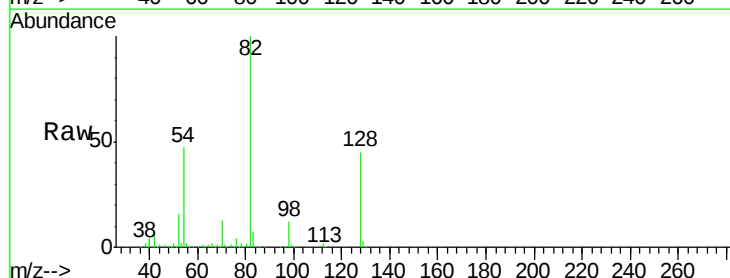
Instrument :
BNA_G
ClientSampleId :
0074-COMPOSITE

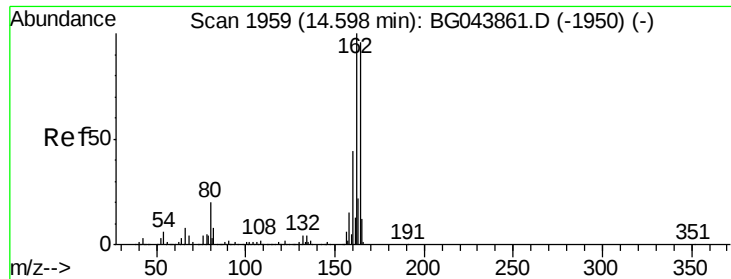
Tot Ion:136	Resp: 408208
Ion Ratio	Lower Upper
136 100	
137 10.6	8.8 13.2
54 7.5	7.0 10.4
68 6.0	4.9 7.3



#23
Nitrobenzene-d5
Concen: 63.759 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044223.D
Acq: 27 Jan 2020 20:07

Tgt Ion: 82	Resp: 486526
Ion Ratio	Lower Upper
82 100	
128 45.1	35.1 52.7
54 47.3	40.1 60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044223.D

Acq: 27 Jan 2020 20:07

Instrument :

BNA_G

ClientSampleId :

0074-COMPOSITE

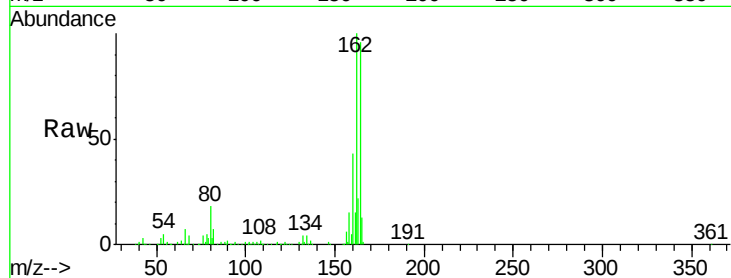
Tot Ion:164 Resp: 275297

Ion Ratio Lower Upper

164 100

162 104.3 83.0 124.4

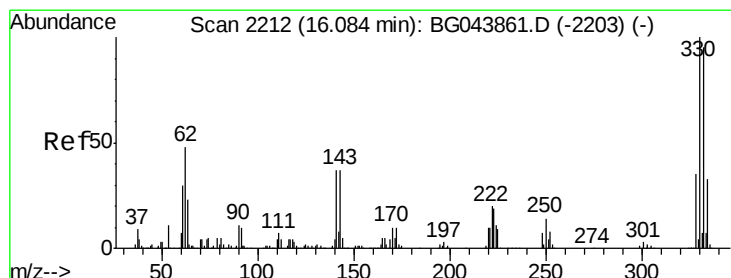
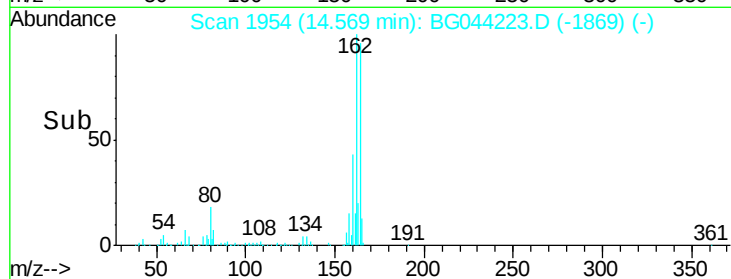
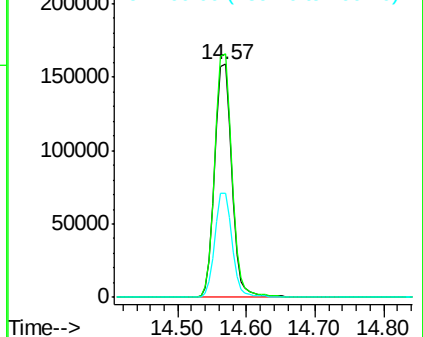
160 44.6 36.1 54.1



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: 101.680 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044223.D

Acq: 27 Jan 2020 20:07

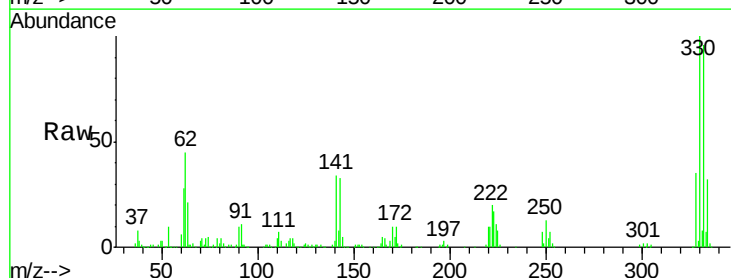
Tgt Ion:330 Resp: 292934

Ion Ratio Lower Upper

330 100

332 97.4 77.2 115.8

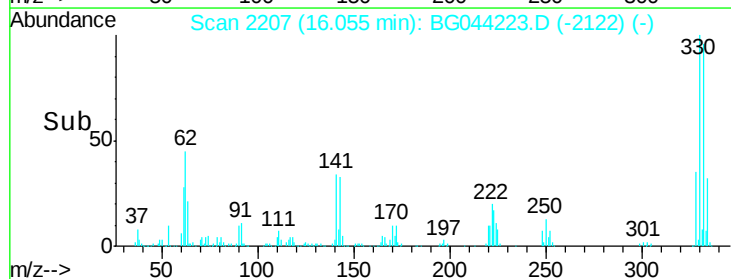
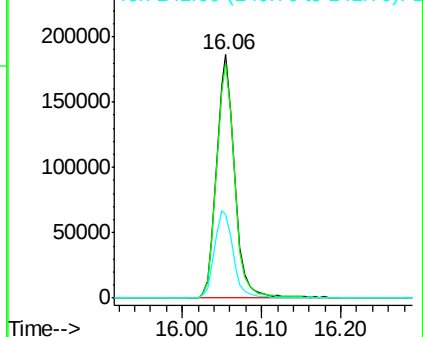
141 37.2 33.1 49.7

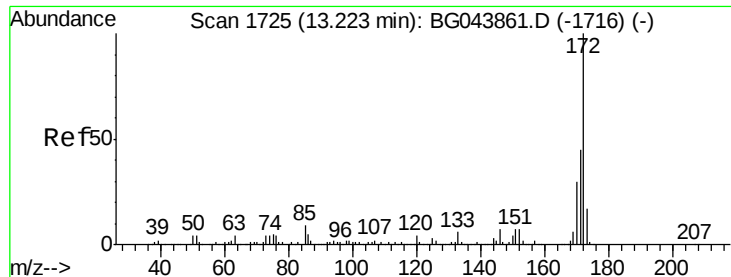


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 68.732 ng

RT: 13.19 min Scan# 1719

Delta R.T. -0.03 min

Lab File: BG044223.D

Acq: 27 Jan 2020 20:07

Instrument :

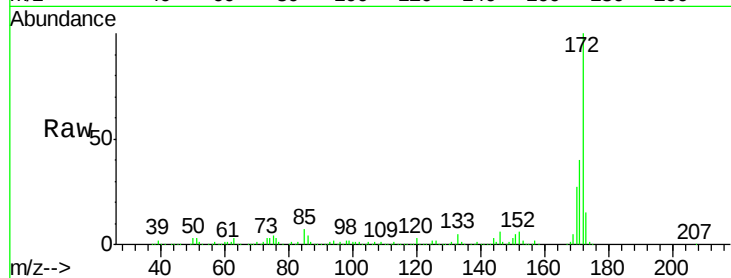
BNA_G

ClientSampleId :

0074-COMPOSITE

Tot Ion:172 Resp: 1044378

Ion	Ratio	Lower	Upper
172	100		
171	39.6	35.8	53.8
170	26.9	24.2	36.4

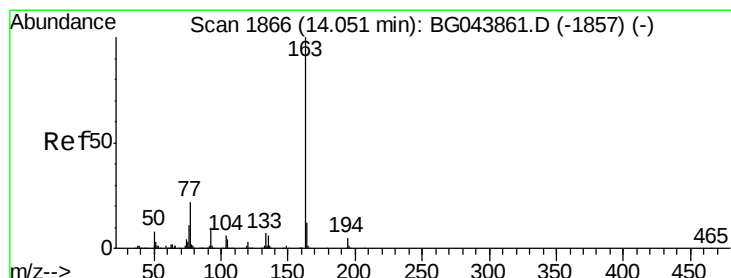
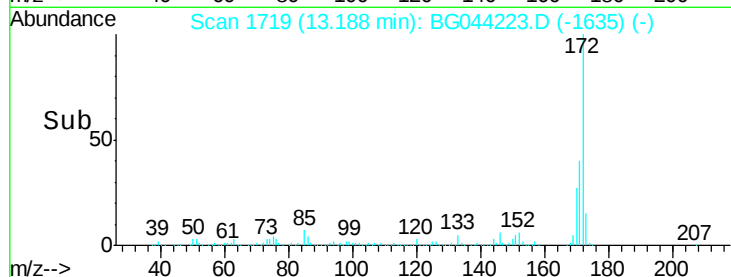
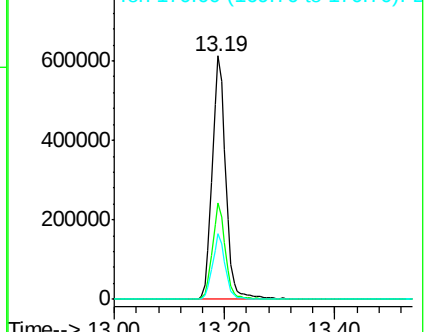


Abundance

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: 7.664 ng

RT: 14.02 min Scan# 1860

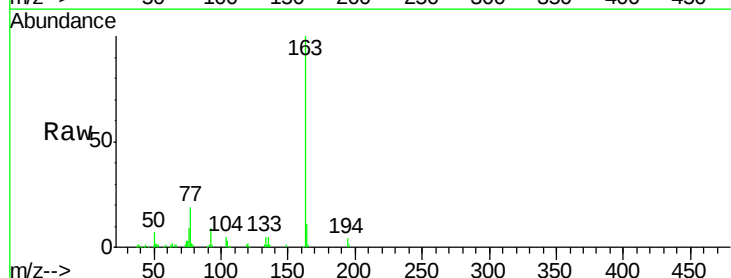
Delta R.T. -0.03 min

Lab File: BG044223.D

Acq: 27 Jan 2020 20:07

Tgt Ion:163 Resp: 149810

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.7	5.5
164	10.7	9.3	13.9

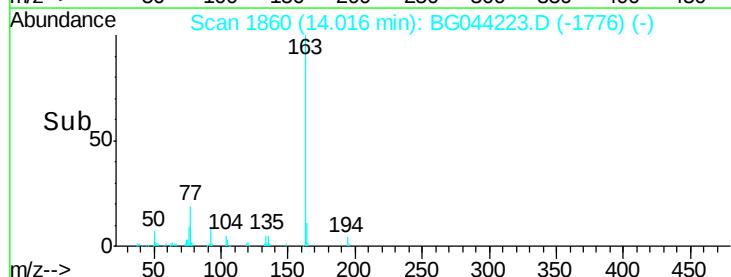
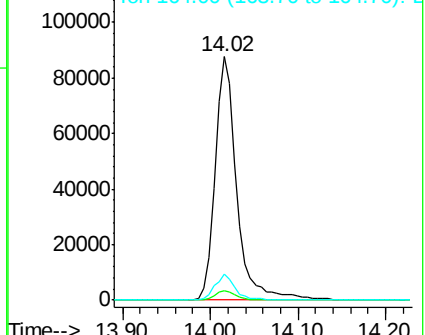


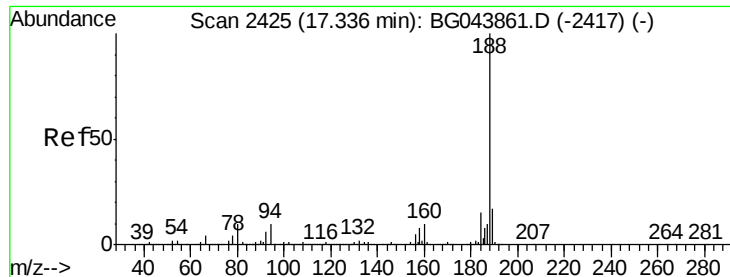
Abundance

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

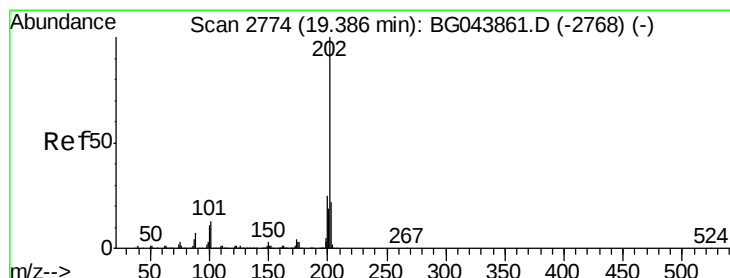
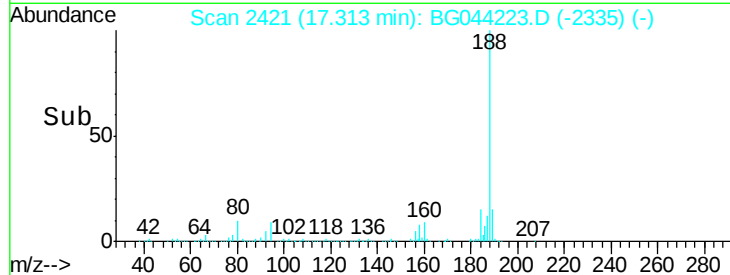
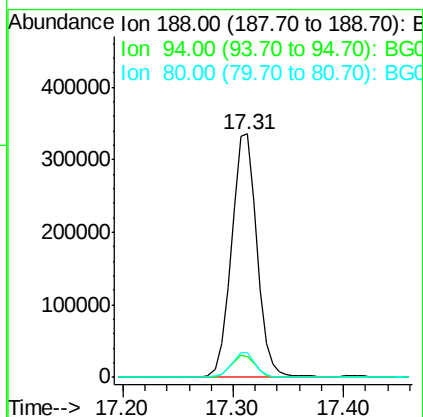
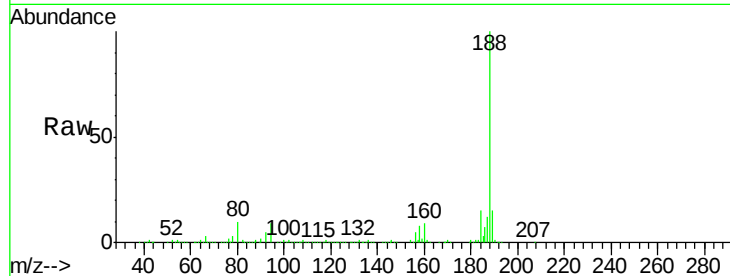




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044223.D
Acq: 27 Jan 2020 20:07

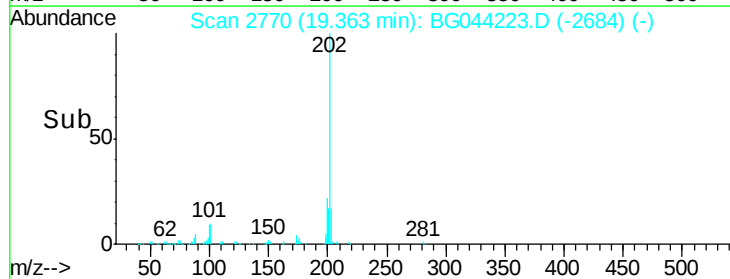
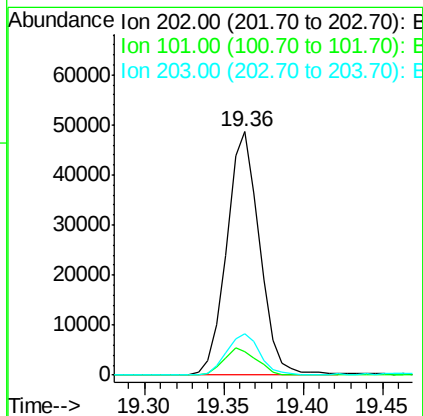
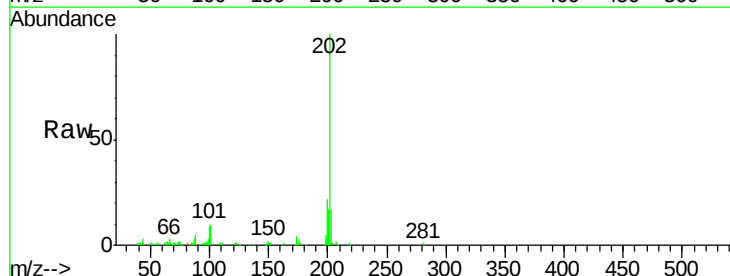
Instrument :
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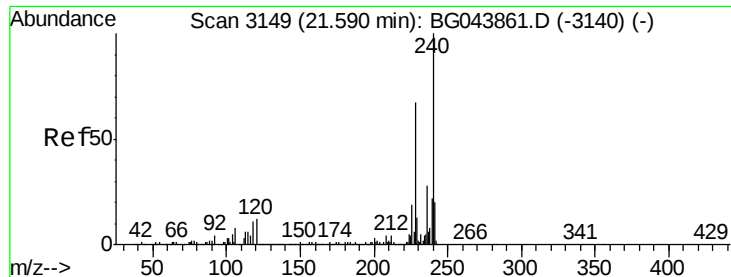
Tot Ion:188 Resp: 542907
Ion Ratio Lower Upper
188 100
94 8.5 7.9 11.9
80 10.0 8.2 12.4



#75
Fluoranthene
Concen: 2.354 ng
RT: 19.36 min Scan# 2770
Delta R.T. -0.02 min
Lab File: BG044223.D
Acq: 27 Jan 2020 20:07

Tgt Ion:202 Resp: 70101
Ion Ratio Lower Upper
202 100
101 9.6 0.0 33.3
203 17.1 1.6 41.6

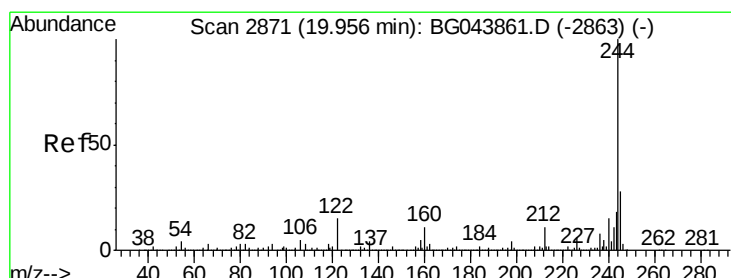
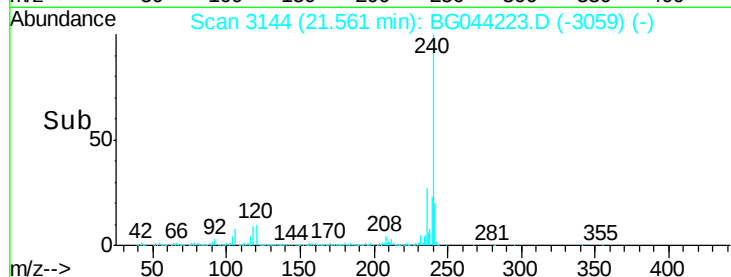
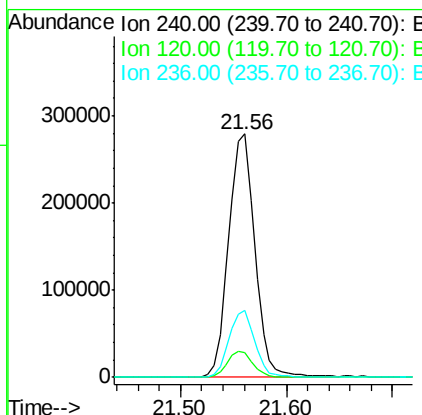
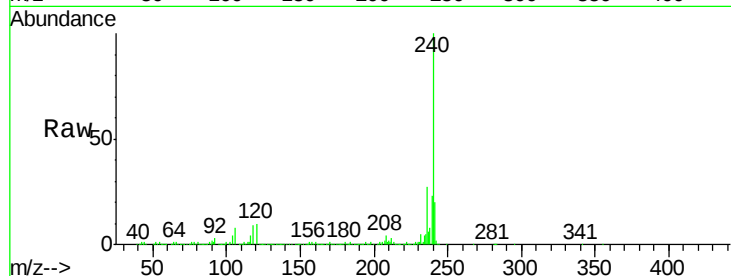




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.03 min
Lab File: BG044223.D
Acq: 27 Jan 2020 20:07

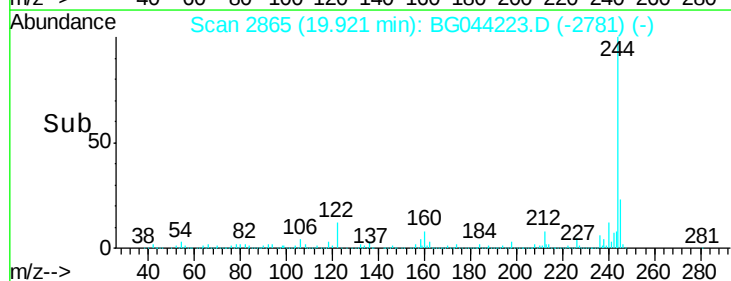
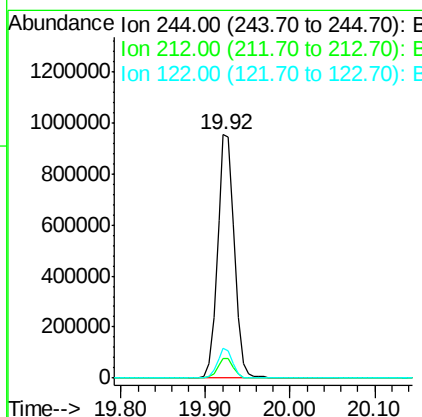
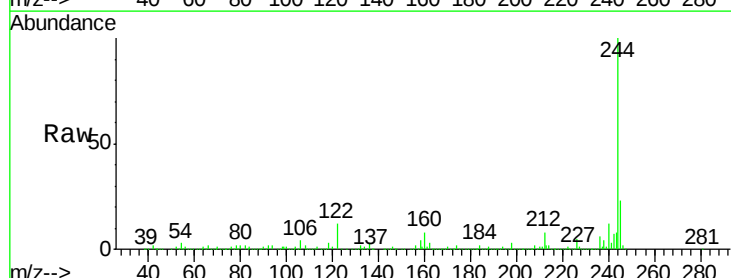
Instrument :
BNA_G
ClientSampleId :
0074-COMPOSITE

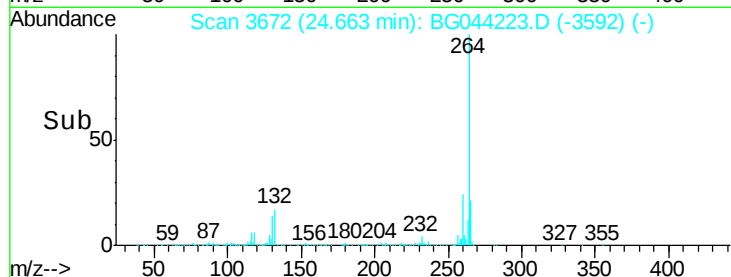
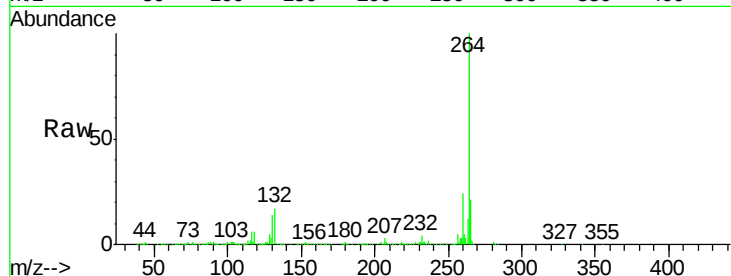
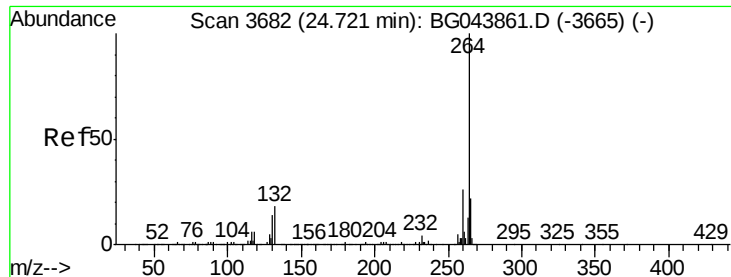
Tot Ion:240 Resp: 480596
Ion Ratio Lower Upper
240 100
120 10.2 9.6 14.4
236 27.3 22.2 33.2



#79
Terphenyl-d14
Concen: 61.698 ng
RT: 19.92 min Scan# 2865
Delta R.T. -0.03 min
Lab File: BG044223.D
Acq: 27 Jan 2020 20:07

Tgt Ion:244 Resp: 1331695
Ion Ratio Lower Upper
244 100
212 8.3 8.6 13.0#
122 12.0 11.9 17.9





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.66 min Scan# 3672
 Delta R.T. -0.06 min
 Lab File: BG044223.D
 Acq: 27 Jan 2020 20:07

Instrument :
 BNA_G
 ClientSampleId :
 0074-COMPOSITE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.4	30.6
265	21.2	17.4	26.2

