

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032020\
 Data File : BG044924.D
 Acq On : 20 Mar 2020 17:54
 Operator : CG/JU
 Sample : L1981-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-1-COMP-3-19-2020

Quant Time: Mar 21 02:10:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

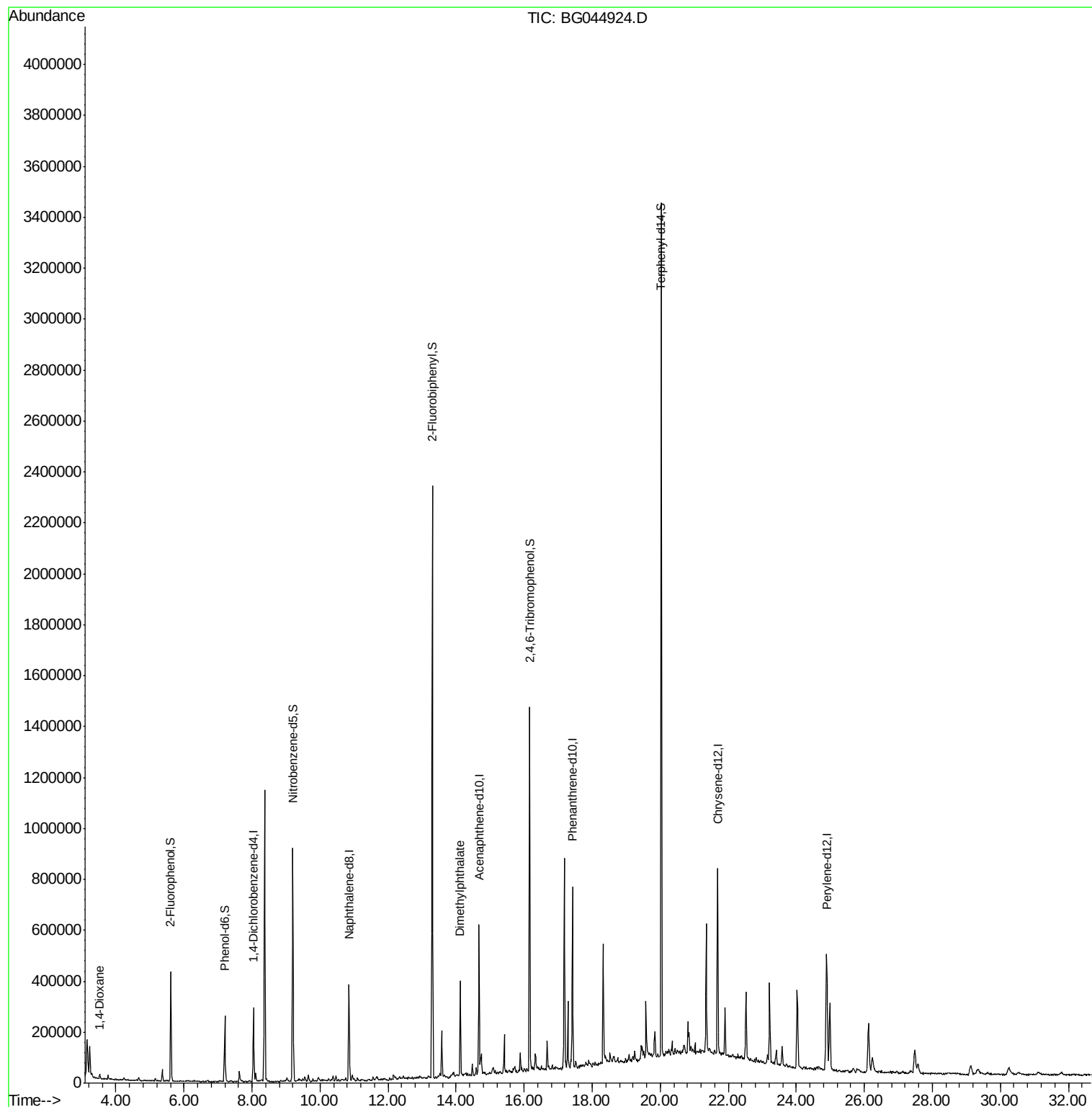
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	81739	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	321524	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	210550	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	457385	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	470624	20.00	ng	-0.01
87) Perylene-d12	24.89	264	524870	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	189653	36.12	ng	0.00
7) Phenol-d6	7.20	99	165435	21.68	ng	0.00
23) Nitrobenzene-d5	9.20	82	593767	81.04	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	251426	91.20	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1219475	82.94	ng	0.00
79) Terphenyl-d14	20.03	244	1570319	62.41	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.52	88	12883	5.095	ng	93
50) Dimethylphthalate	14.12	163	231563	13.809	ng	98

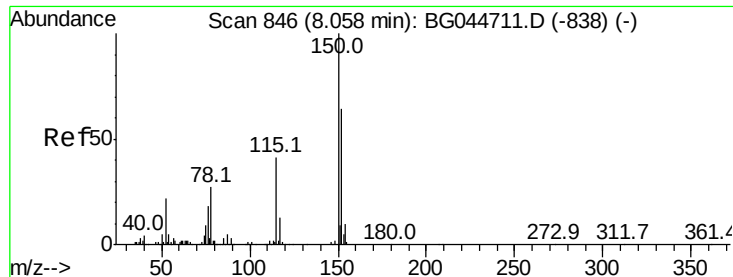
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032020\
Data File : BG044924.D
Acq On : 20 Mar 2020 17:54
Operator : CG/JU
Sample : L1981-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-1-COMP-3-19-2020

Quant Time: Mar 21 02:10:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BG044924.D

Acq: 20 Mar 2020 17:54

Instrument :

BNA_G

ClientSampleId :

MH-1-COMP-3-19-2020

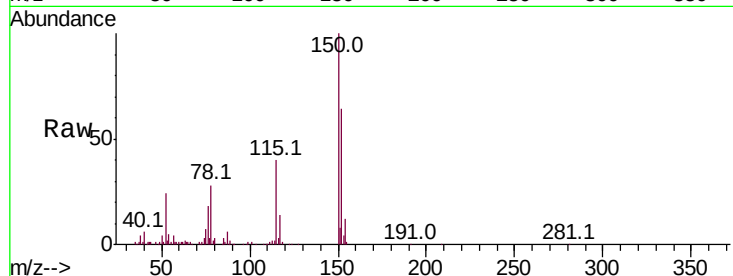
Tot Ion:152 Resp: 81739

Ion Ratio Lower Upper

152 100

150 155.3 128.8 193.2

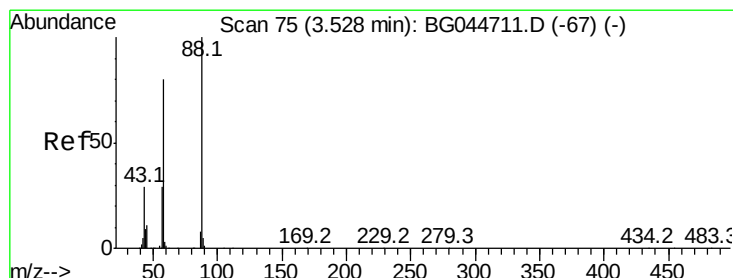
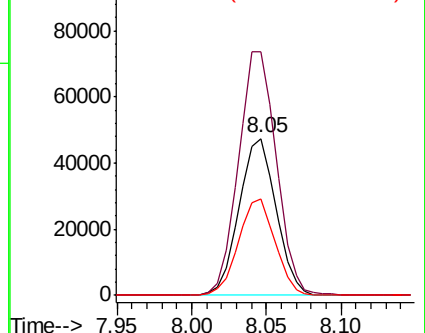
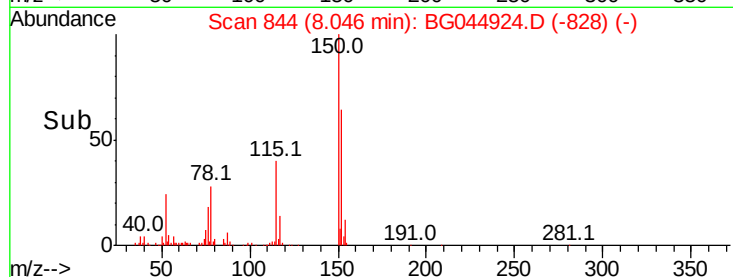
115 61.6 52.6 79.0



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



#2

1,4-Dioxane

Concen: 5.095 ng

RT: 3.52 min Scan# 74

Delta R.T. -0.01 min

Lab File: BG044924.D

Acq: 20 Mar 2020 17:54

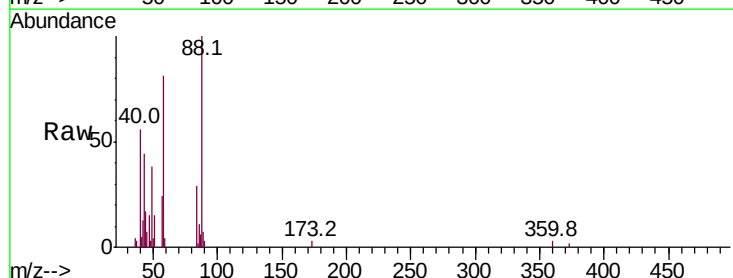
Tgt Ion: 88 Resp: 12883

Ion Ratio Lower Upper

88 100

58 71.0 63.0 94.4

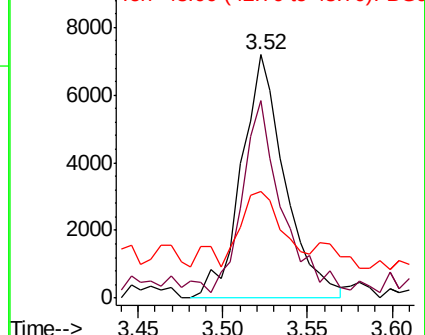
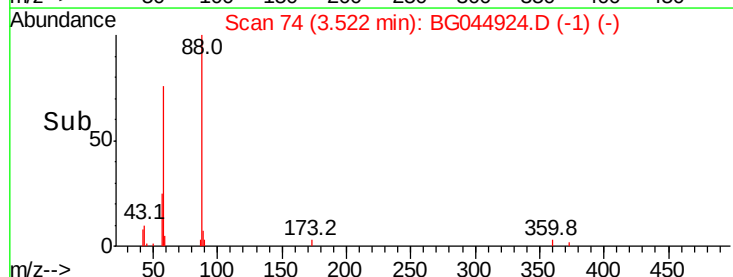
43 29.3 24.8 37.2

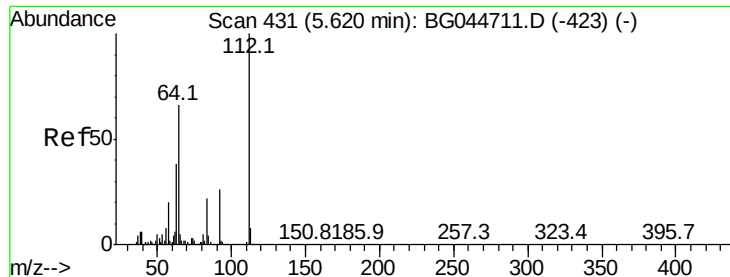


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 36.119 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044924.D

Acq: 20 Mar 2020 17:54

Instrument :

BNA_G

ClientSampleId :

MH-1-COMP-3-19-2020

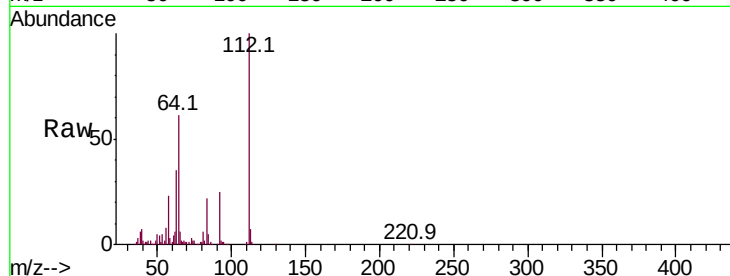
Tot Ion:112 Resp: 189653

Ion Ratio Lower Upper

112 100

64 60.8 53.4 80.2

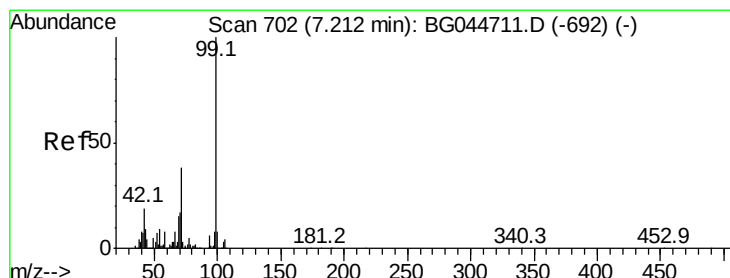
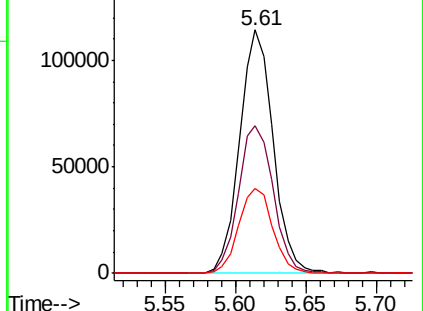
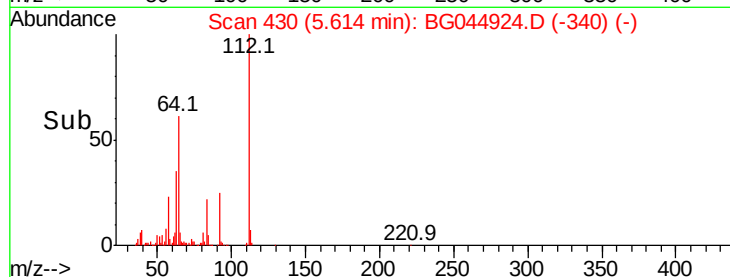
63 35.0 29.4 44.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 21.685 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044924.D

Acq: 20 Mar 2020 17:54

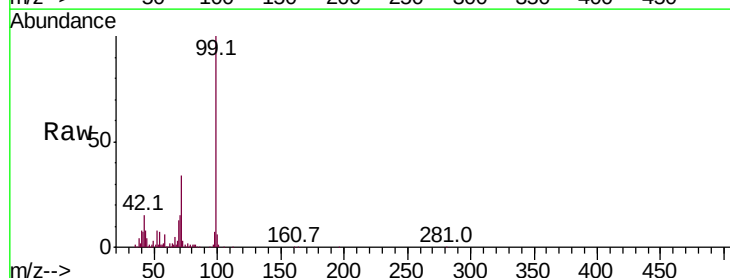
Tgt Ion: 99 Resp: 165435

Ion Ratio Lower Upper

99 100

42 15.0 12.6 19.0

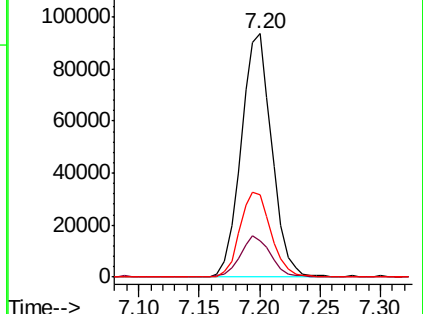
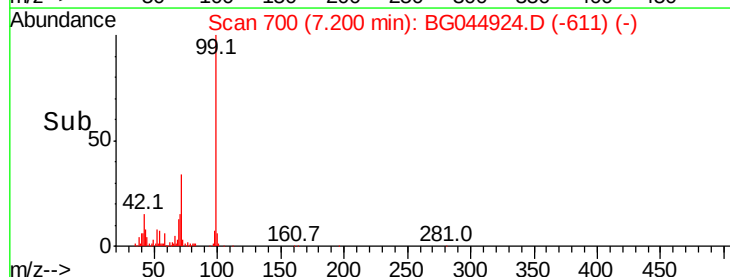
71 33.9 29.0 43.4

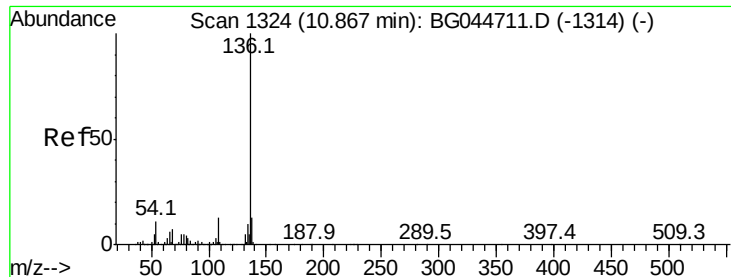


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

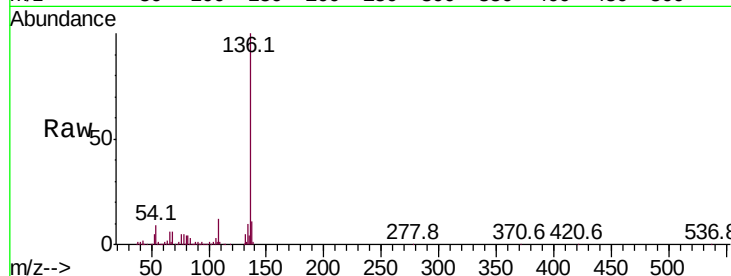




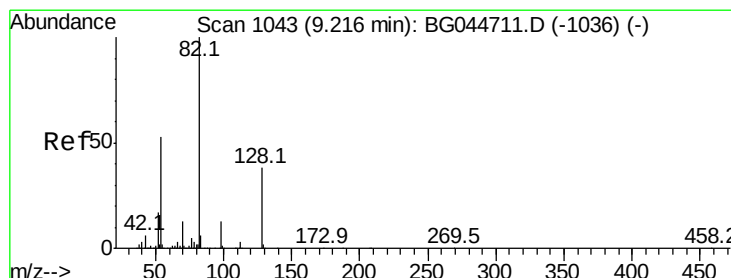
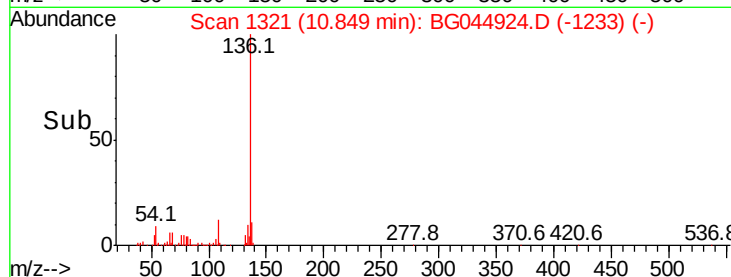
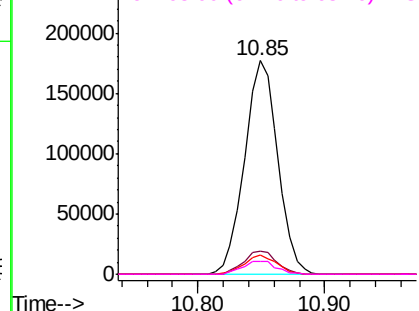
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044924.D
Acq: 20 Mar 2020 17:54

Instrument :
BNA_G
ClientSampleId :
MH-1-COMP-3-19-2020

Tot Ion:136	Resp:	321524
Ion Ratio	Lower	Upper
136 100		
137 11.0	9.8	14.6
54 9.1	7.9	11.9
68 5.8	5.4	8.0

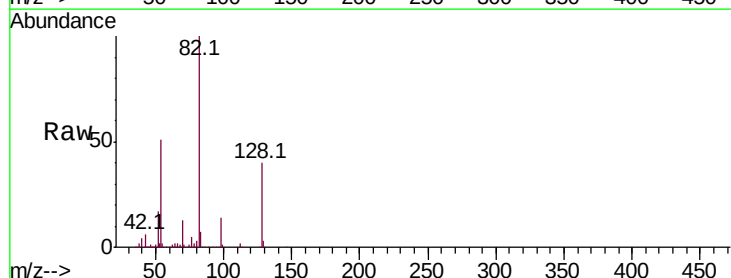


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

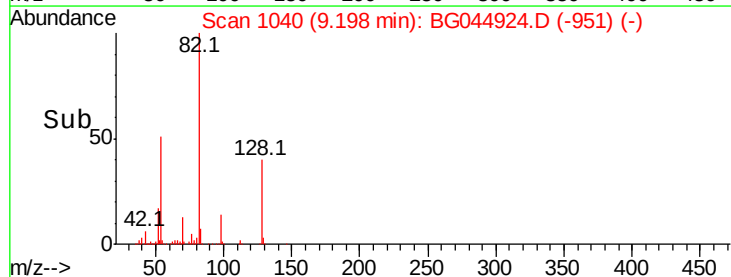
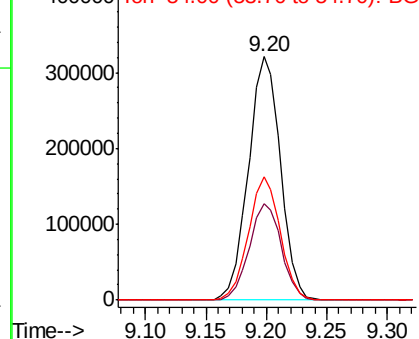


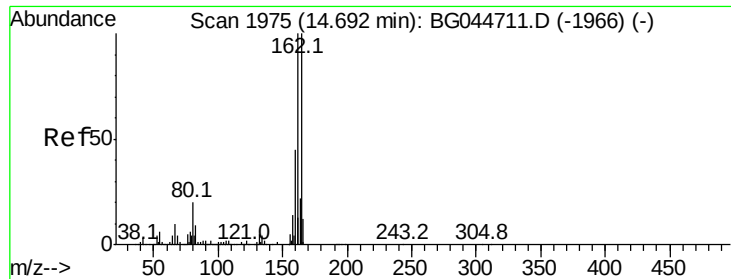
#23
Nitrobenzene-d5
Concen: 81.037 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG044924.D
Acq: 20 Mar 2020 17:54

Tgt Ion: 82	Resp: 593767
Ion Ratio	Lower Upper
82 100	
128 39.8	30.6 46.0
54 50.8	37.1 55.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG044924.D

Acq: 20 Mar 2020 17:54

Instrument :

BNA_G

ClientSampleId :

MH-1-COMP-3-19-2020

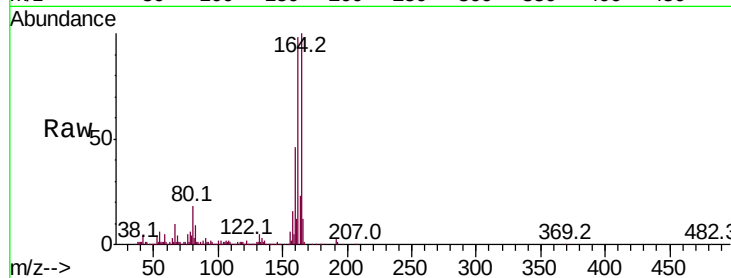
Tot Ion:164 Resp: 210550

Ion Ratio Lower Upper

164 100

162 97.8 76.7 115.1

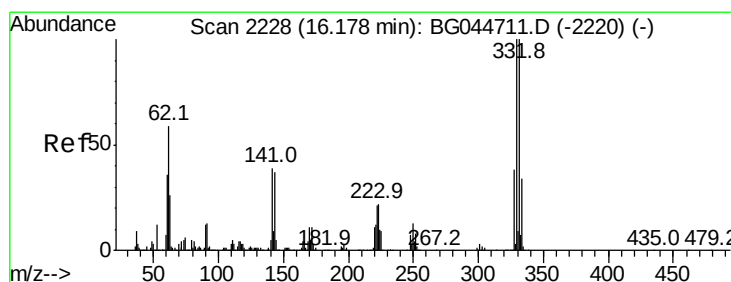
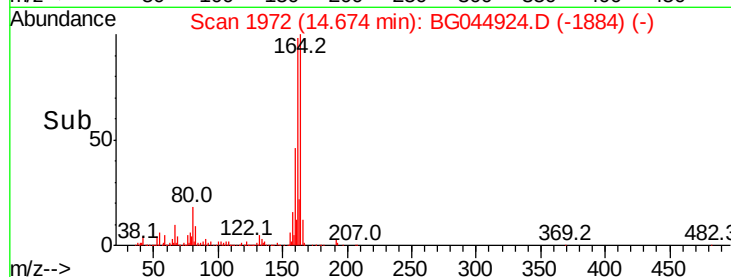
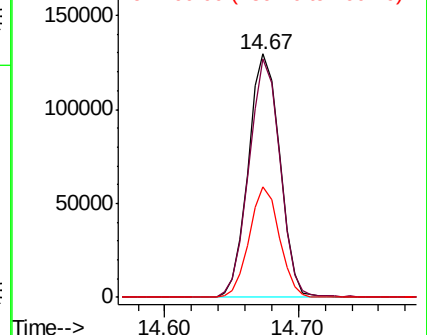
160 45.6 35.0 52.4



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: 91.201 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG044924.D

Acq: 20 Mar 2020 17:54

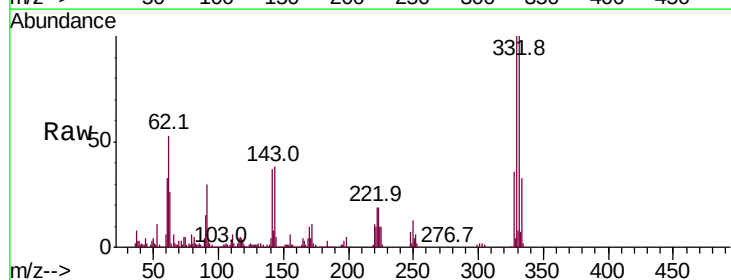
Tgt Ion:330 Resp: 251426

Ion Ratio Lower Upper

330 100

332 97.3 77.8 116.6

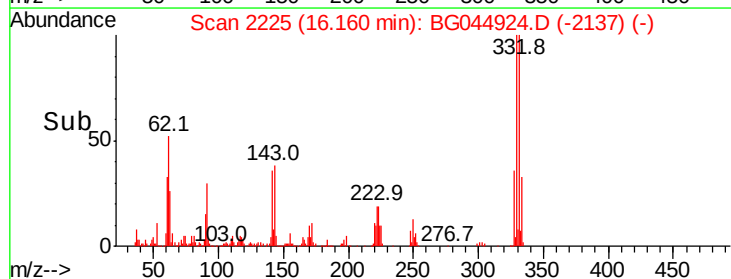
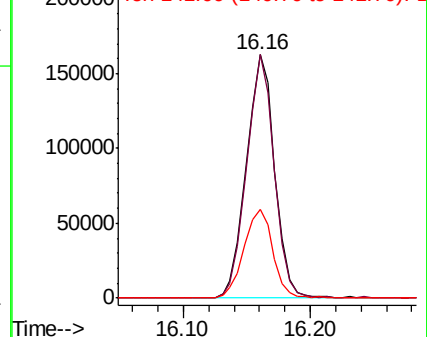
141 37.0 29.5 44.3

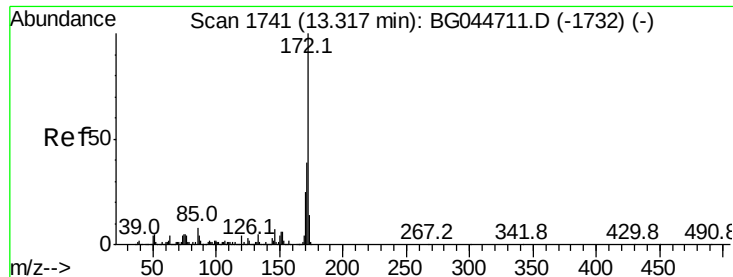


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 82.941 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.01 min

Lab File: BG044924.D

Acq: 20 Mar 2020 17:54

Instrument :

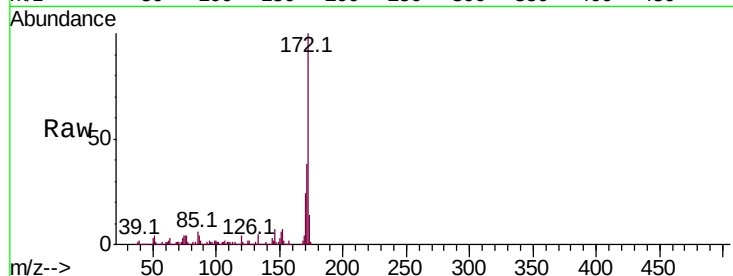
BNA_G

ClientSampleId :

MH-1-COMP-3-19-2020

Tot Ion:172 Resp: 1219475

Ion	Ratio	Lower	Upper
172	100		
171	37.7	28.7	43.1
170	24.2	19.0	28.6

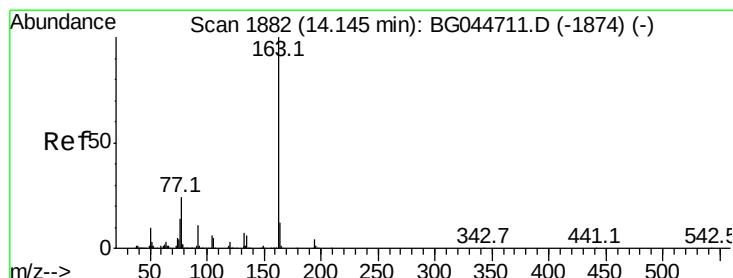
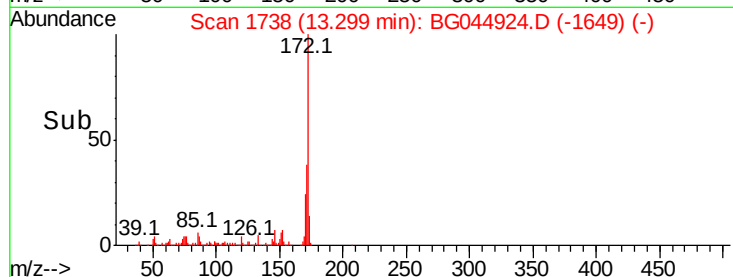
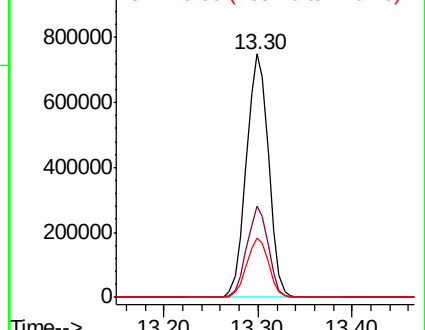


Abundance

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: 13.809 ng

RT: 14.12 min Scan# 1878

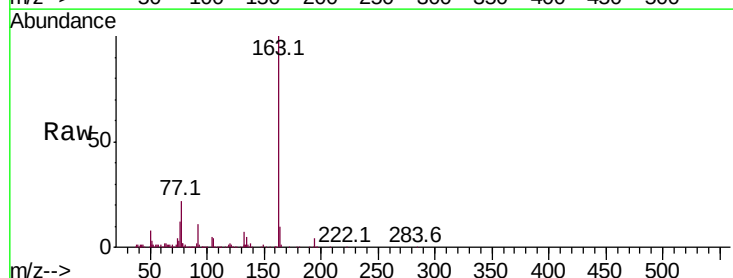
Delta R.T. -0.01 min

Lab File: BG044924.D

Acq: 20 Mar 2020 17:54

Tgt Ion:163 Resp: 231563

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.7	5.5
164	10.3	9.1	13.7

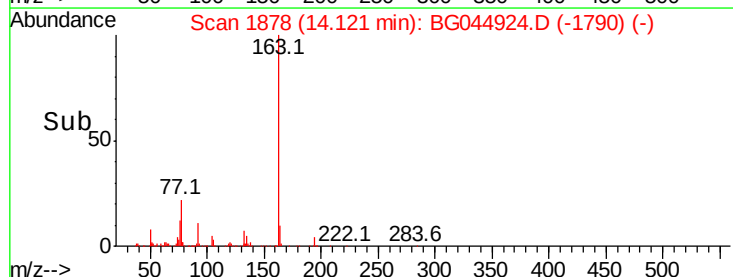
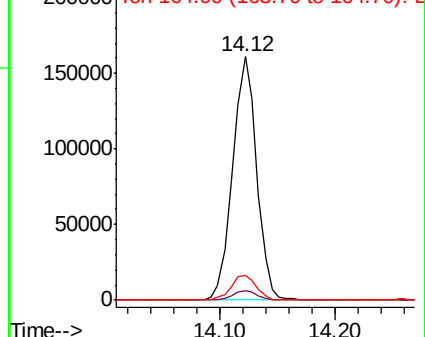


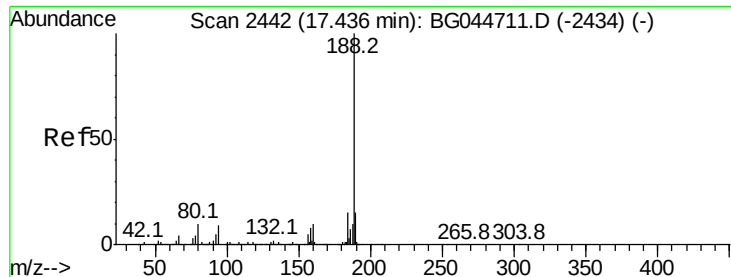
Abundance

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: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044924.D

Acq: 20 Mar 2020 17:54

Instrument :

BNA_G

ClientSampleId :

MH-1-COMP-3-19-2020

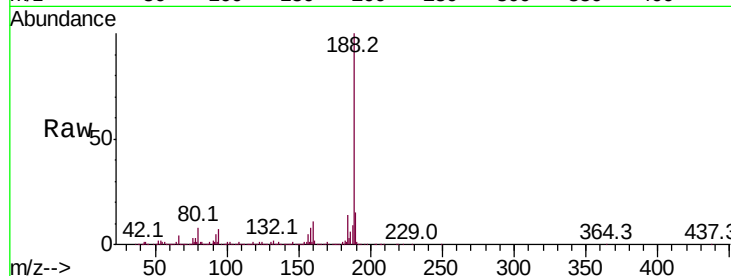
Tot Ion:188 Resp: 457385

Ion Ratio Lower Upper

188 100

94 6.8 7.3 10.9#

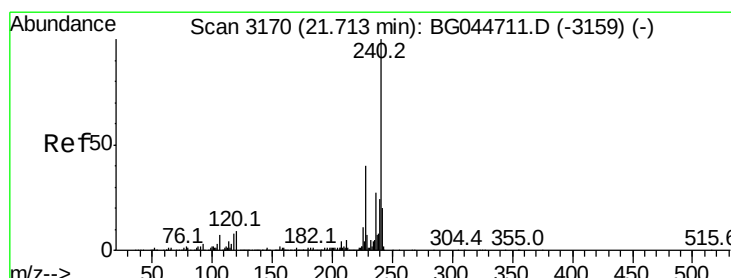
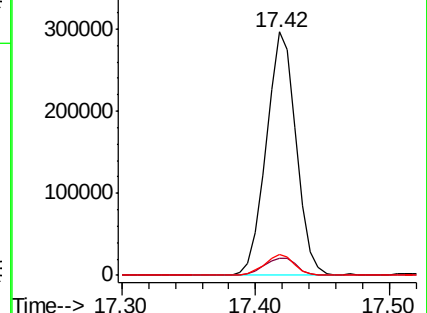
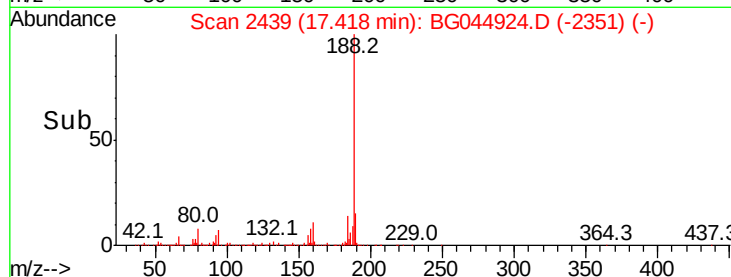
80 8.5 8.0 12.0



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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG044924.D

Acq: 20 Mar 2020 17:54

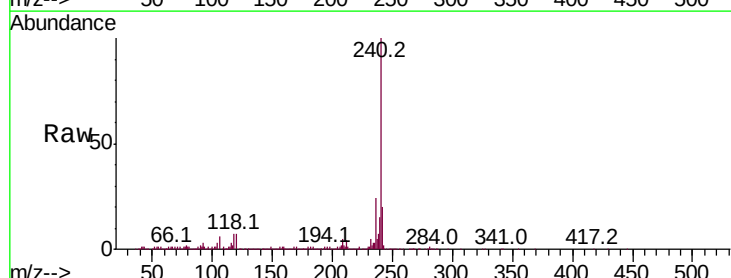
Tgt Ion:240 Resp: 470624

Ion Ratio Lower Upper

240 100

120 6.8 6.7 10.1

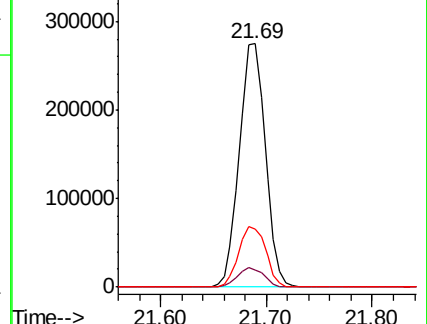
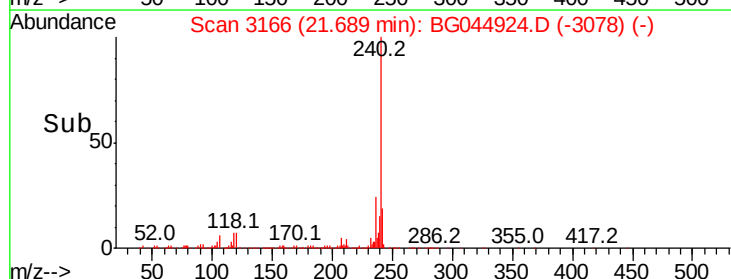
236 24.0 21.5 32.3

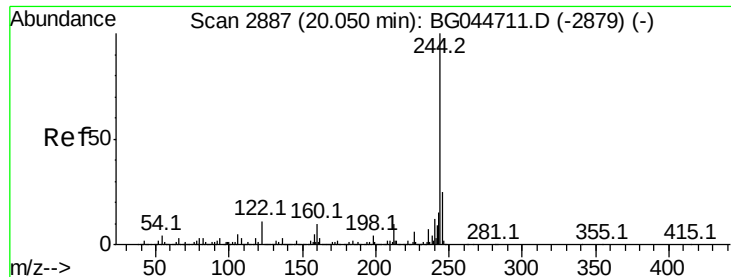


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 62.414 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044924.D

Acq: 20 Mar 2020 17:54

Instrument :

BNA_G

ClientSampleId :

MH-1-COMP-3-19-2020

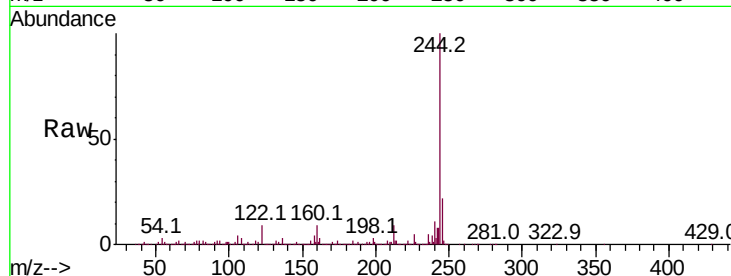
Tot Ion:244 Resp: 1570319

Ion Ratio Lower Upper

244 100

212 9.2 7.7 11.5

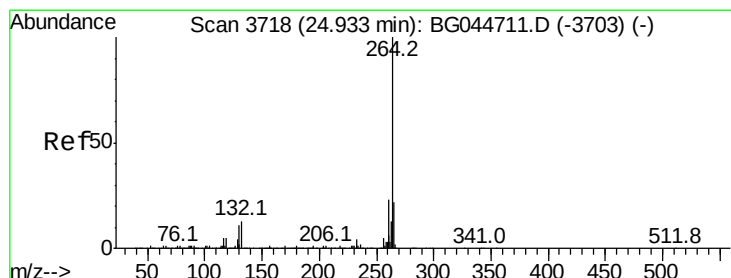
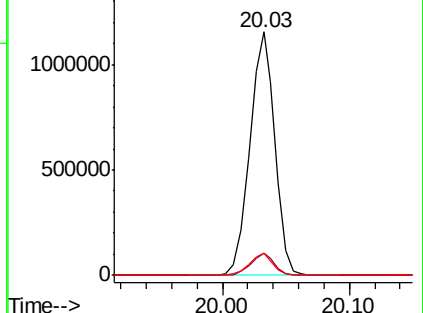
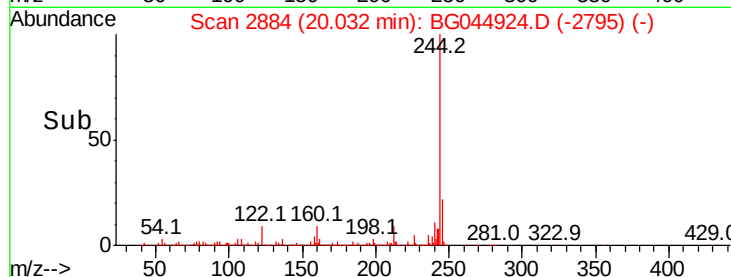
122 8.9 8.6 12.8



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: 24.89 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG044924.D

Acq: 20 Mar 2020 17:54

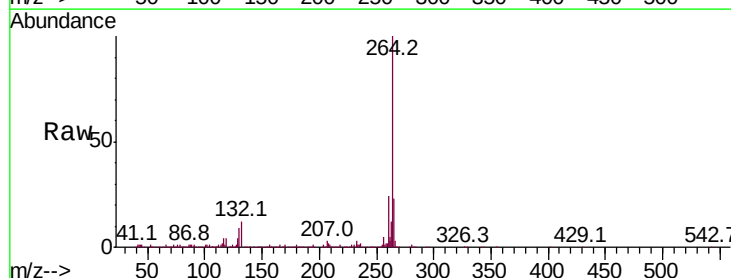
Tgt Ion:264 Resp: 524870

Ion Ratio Lower Upper

264 100

260 23.7 18.1 27.1

265 22.8 17.1 25.7



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

