

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
 Data File : BG042578.D
 Acq On : 29 Aug 2019 23:23
 Operator : HP/JU
 Sample : K4562-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-30-32

Quant Time: Aug 30 06:03:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

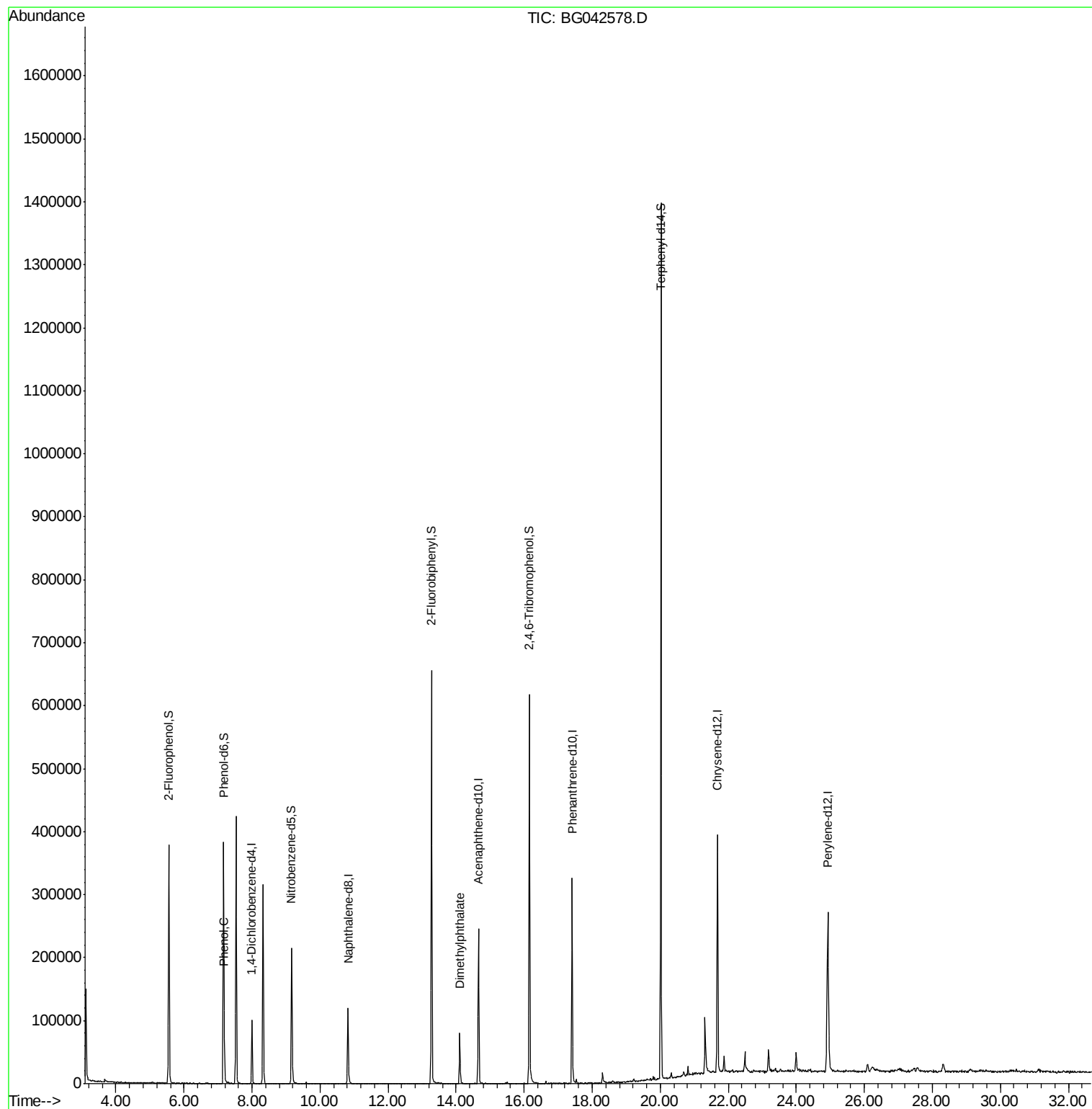
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	33069	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	129962	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	97925	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	239986	20.00	ng	0.00
76) Chrysene-d12	21.68	240	254884	20.00	ng	-0.01
87) Perylene-d12	24.93	264	298602	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	192312	117.78	ng	0.00
7) Phenol-d6	7.17	99	257701	116.84	ng	0.00
23) Nitrobenzene-d5	9.16	82	144480	76.82	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	170340	122.38	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	403743	69.73	ng	0.00
79) Terphenyl-d14	20.02	244	747071	63.37	ng	0.00
Target Compounds						
10) Phenol	7.19	94	17676	7.882	ng	86
50) Dimethylphthalate	14.10	163	77533	10.973	ng	# 98

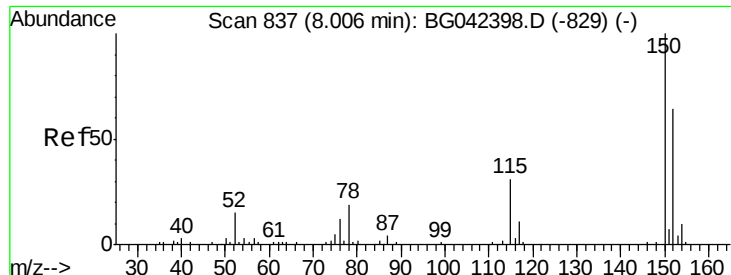
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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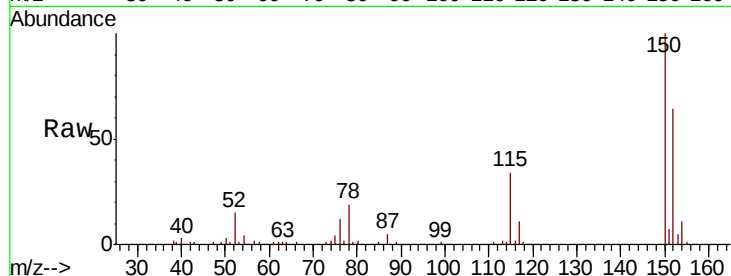


#1

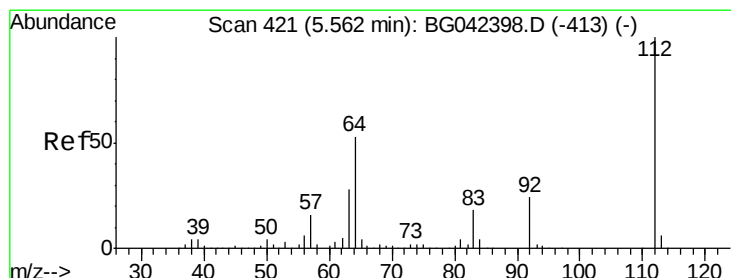
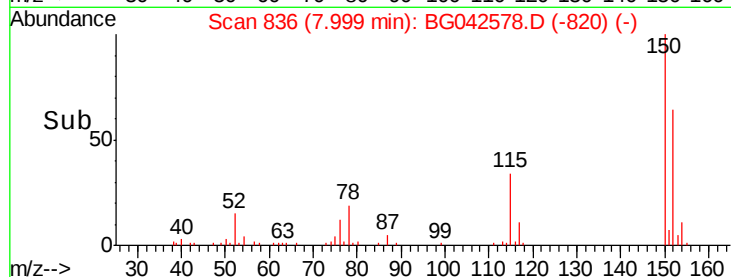
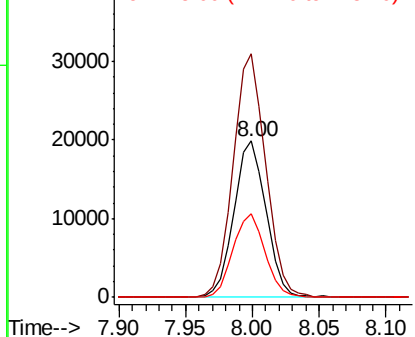
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042578.D
Acq: 29 Aug 2019 23:23

Instrument :
BNA_G
ClientSampleId :
SB-02-30-32

Tot Ion:152 Resp: 33069
Ion Ratio Lower Upper
152 100
150 156.0 125.4 188.0
115 53.7 38.5 57.7



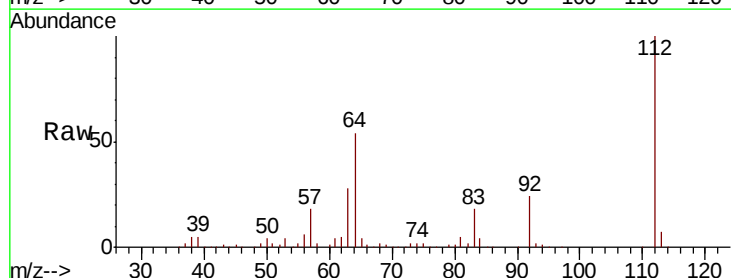
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



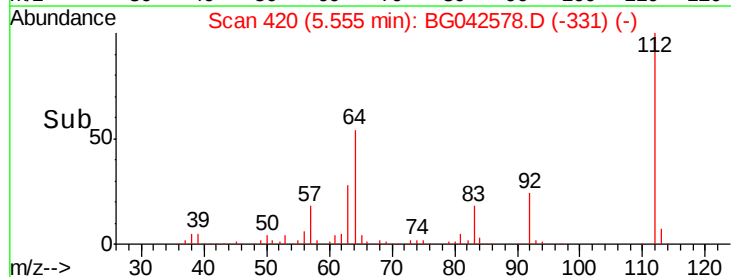
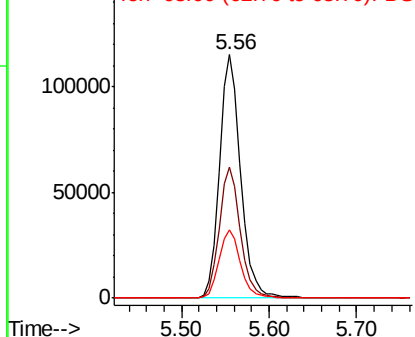
#5

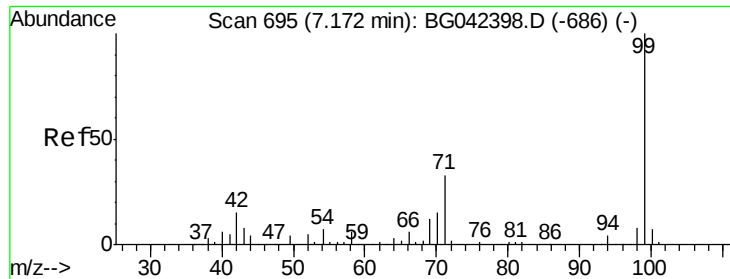
2-Fluorophenol
Concen: 117.780 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042578.D
Acq: 29 Aug 2019 23:23

Tgt Ion:112 Resp: 192312
Ion Ratio Lower Upper
112 100
64 53.8 42.8 64.2
63 28.2 22.7 34.1



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: 116.842 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042578.D

Acq: 29 Aug 2019 23:23

Instrument :

BNA_G

ClientSampleId :

SB-02-30-32

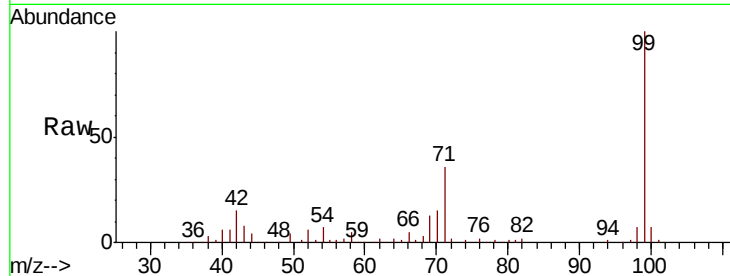
Tot Ion: 99 Resp: 257701

Ion Ratio Lower Upper

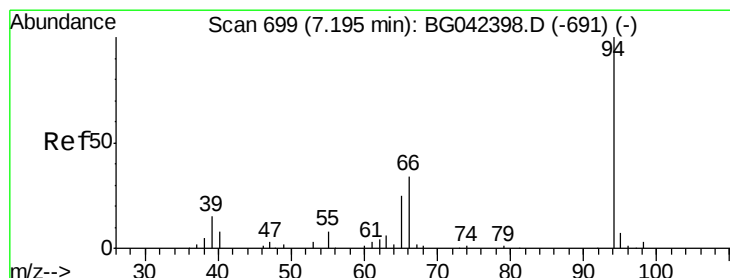
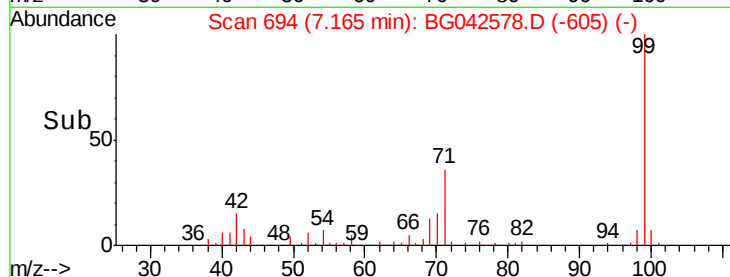
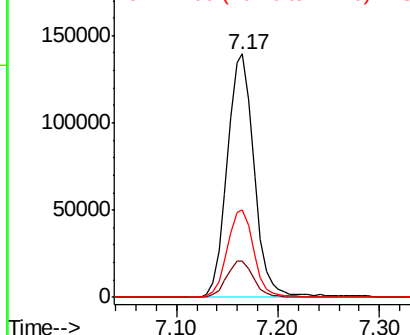
99 100

42 15.0 12.0 18.0

71 36.0 26.3 39.5



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: 7.882 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042578.D

Acq: 29 Aug 2019 23:23

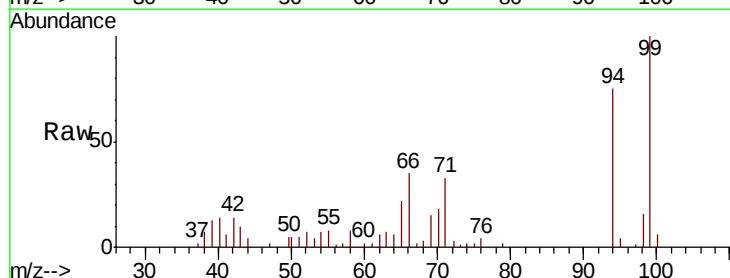
Tgt Ion: 94 Resp: 17676

Ion Ratio Lower Upper

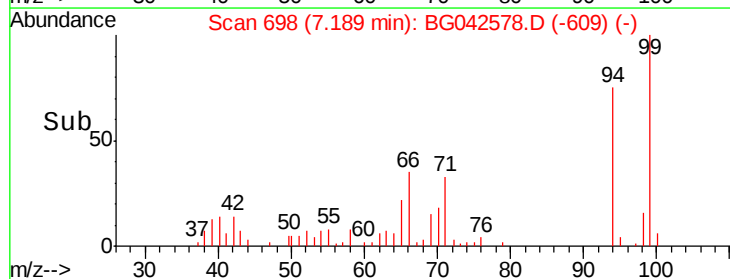
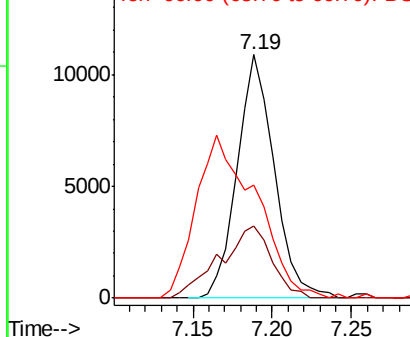
94 100

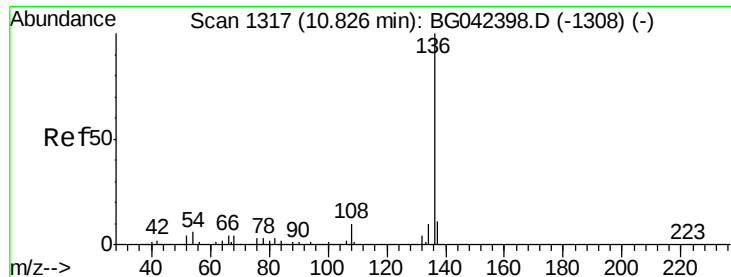
65 29.5 5.6 45.6

66 46.5 16.0 56.0



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: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042578.D

Acq: 29 Aug 2019 23:23

Instrument :

BNA_G

ClientSampleId :

SB-02-30-32

Tot Ion:136 Resp: 129962

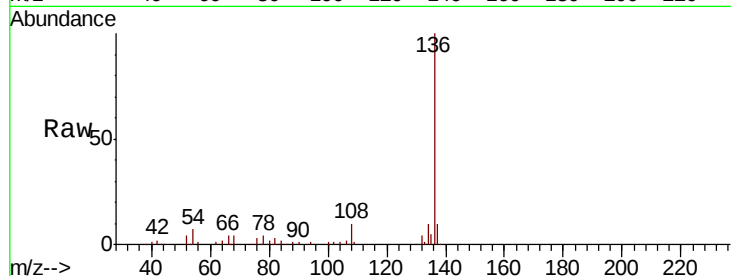
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 6.9 4.9 7.3

68 4.0 3.6 5.4

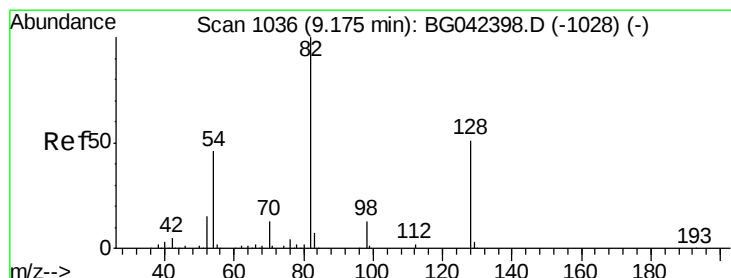
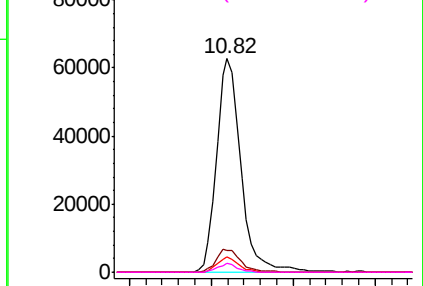
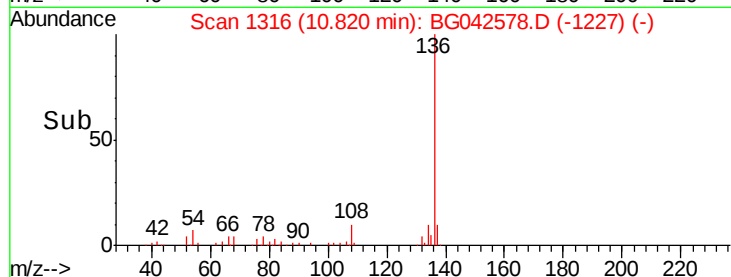


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.824 ng

RT: 9.16 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BG042578.D

Acq: 29 Aug 2019 23:23

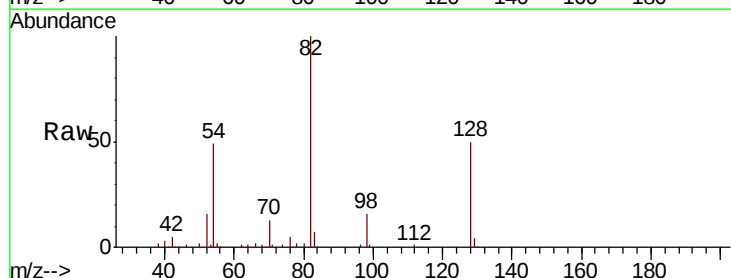
Tgt Ion: 82 Resp: 144480

Ion Ratio Lower Upper

82 100

128 49.6 40.7 61.1

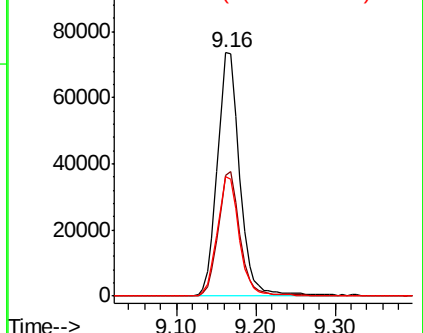
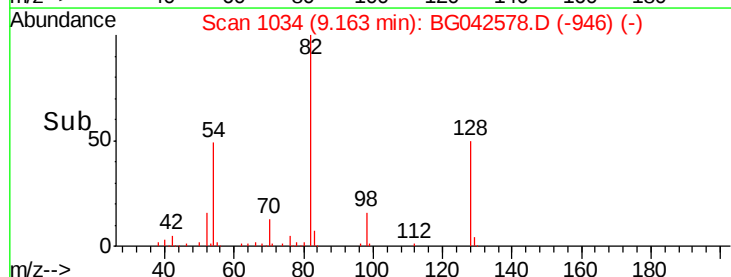
54 49.0 36.3 54.5

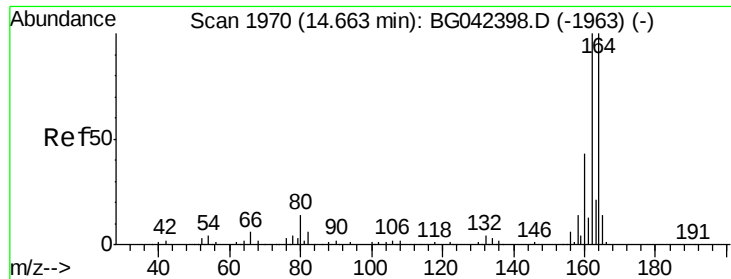


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042578.D

Acq: 29 Aug 2019 23:23

Instrument :

BNA_G

ClientSampleId :

SB-02-30-32

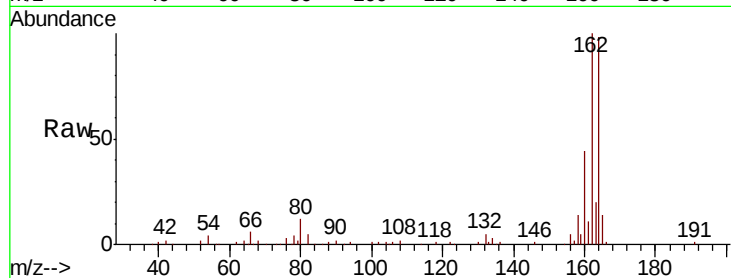
Tot Ion:164 Resp: 97925

Ion Ratio Lower Upper

164 100

162 101.5 79.9 119.9

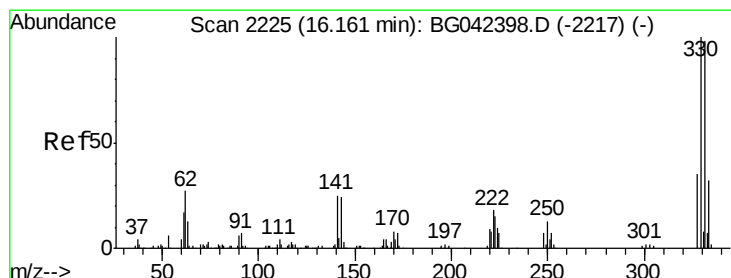
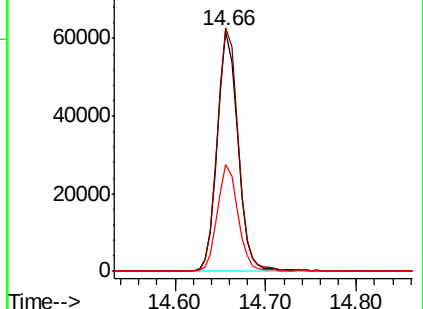
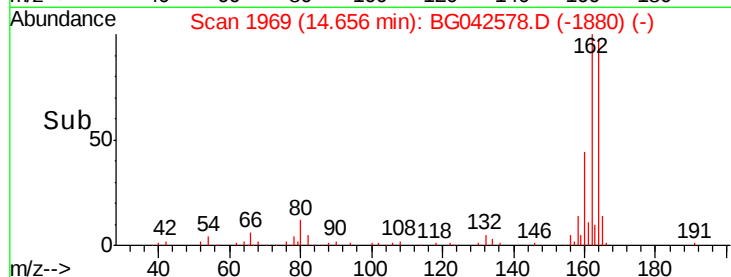
160 44.7 34.3 51.5



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: 122.384 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042578.D

Acq: 29 Aug 2019 23:23

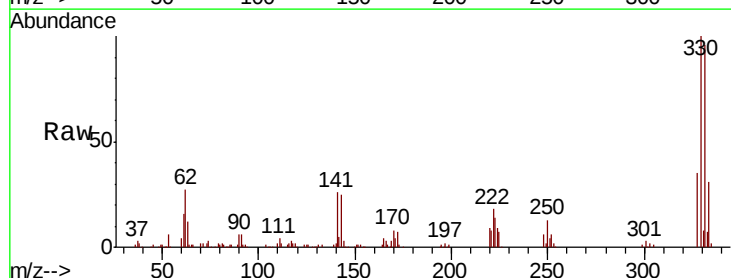
Tgt Ion:330 Resp: 170340

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.0

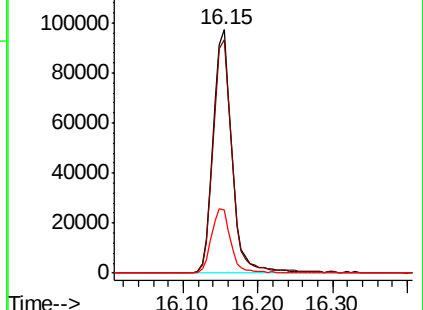
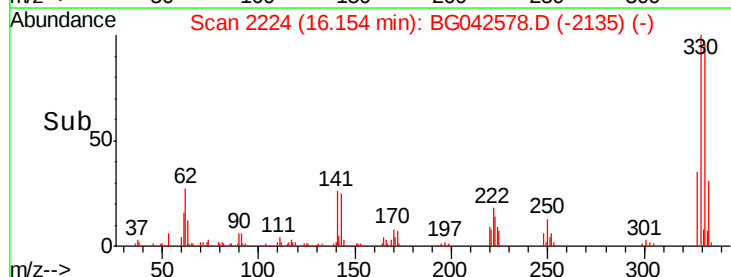
141 27.4 21.4 32.0

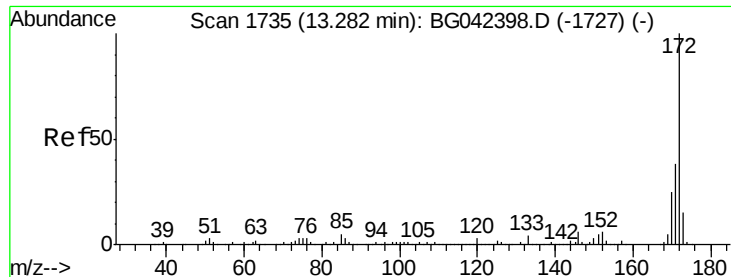


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 69.731 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG042578.D

Acq: 29 Aug 2019 23:23

Instrument :

BNA_G

ClientSampleId :

SB-02-30-32

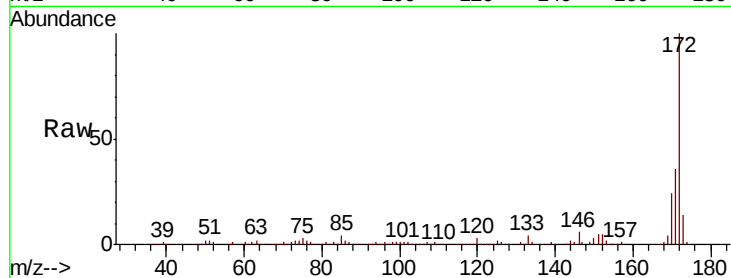
Tot Ion:172 Resp: 403743

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.5	45.7
170	23.9	20.2	30.2

172 100

171 36.2 30.5 45.7

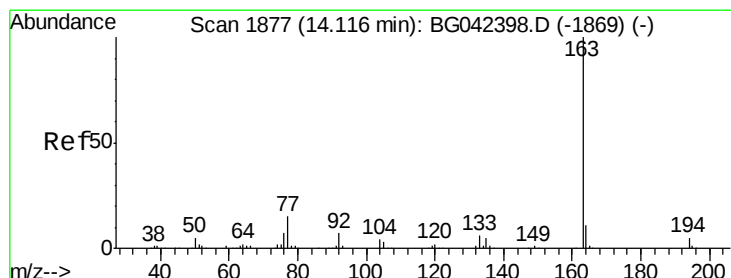
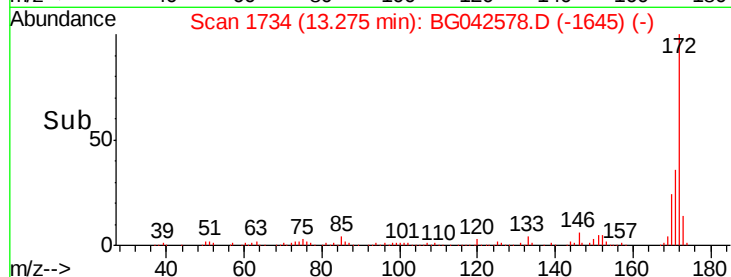
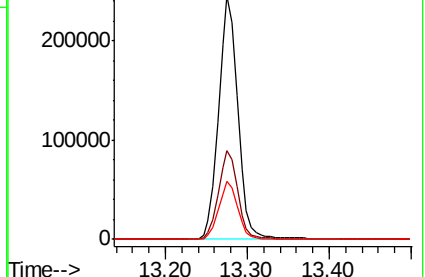
170 23.9 20.2 30.2



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: 10.973 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042578.D

Acq: 29 Aug 2019 23:23

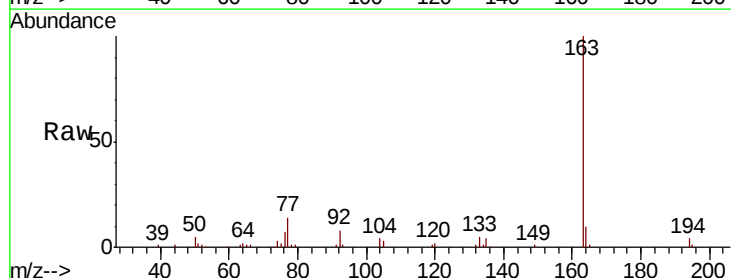
Tgt Ion:163 Resp: 77533

Ion	Ratio	Lower	Upper
163	100		
194	4.0	4.2	6.2#
164	10.3	8.8	13.2

163 100

194 4.0 4.2 6.2#

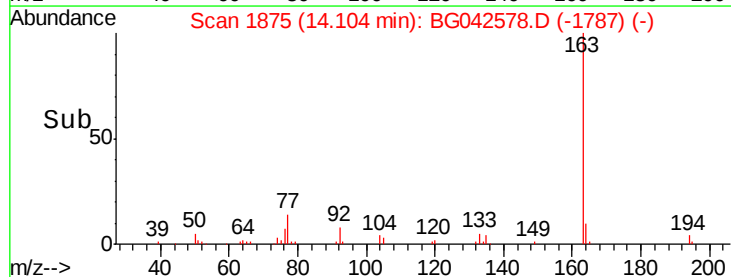
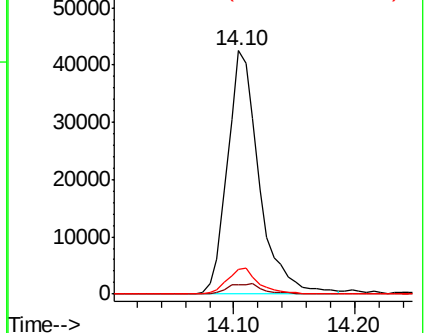
164 10.3 8.8 13.2

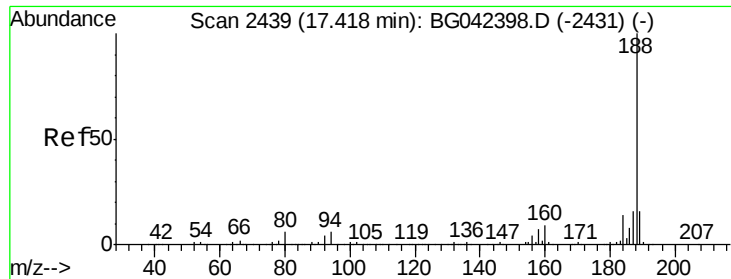


Abundance Ion 163.00 (162.70 to 163.70): E

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: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042578.D

Acq: 29 Aug 2019 23:23

Instrument :

BNA_G

ClientSampleId :

SB-02-30-32

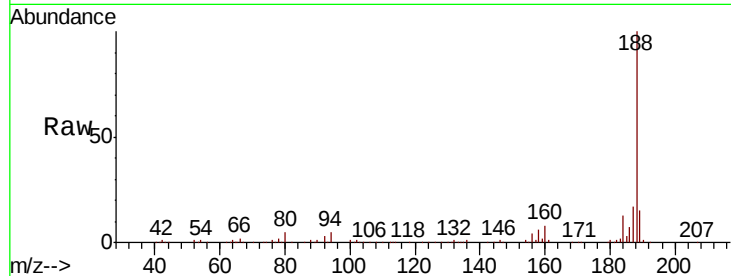
Tot Ion:188 Resp: 239986

Ion Ratio Lower Upper

188 100

94 5.1 4.5 6.7

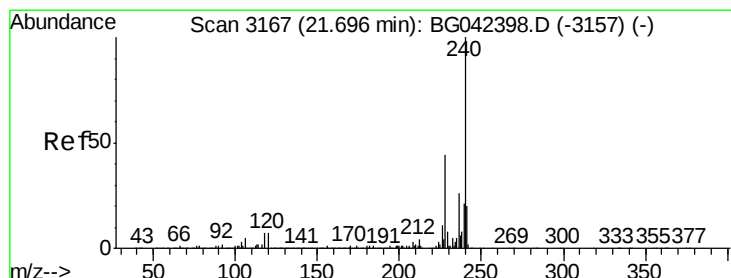
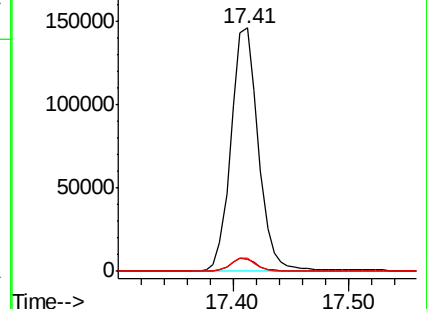
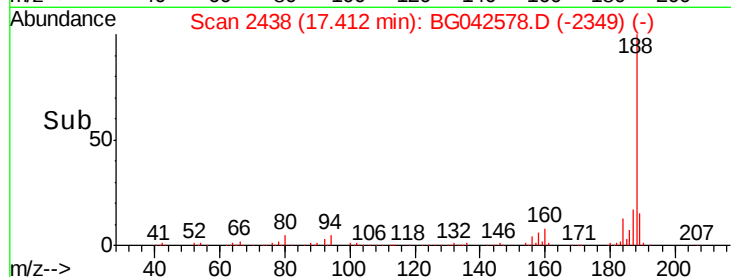
80 5.5 4.9 7.3



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: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042578.D

Acq: 29 Aug 2019 23:23

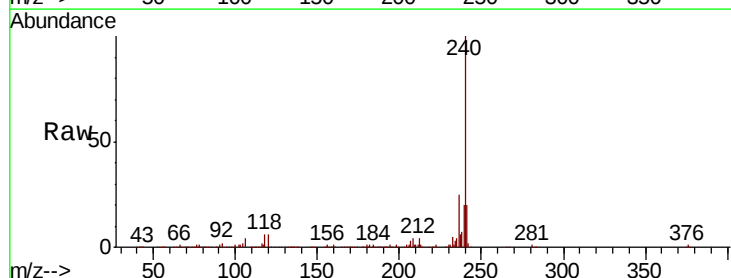
Tgt Ion:240 Resp: 254884

Ion Ratio Lower Upper

240 100

120 6.1 5.7 8.5

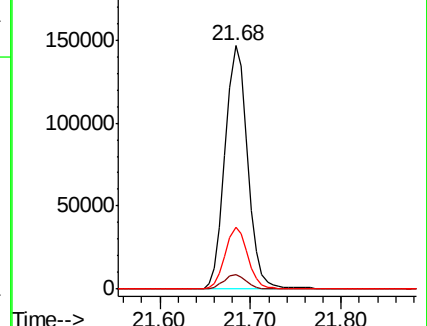
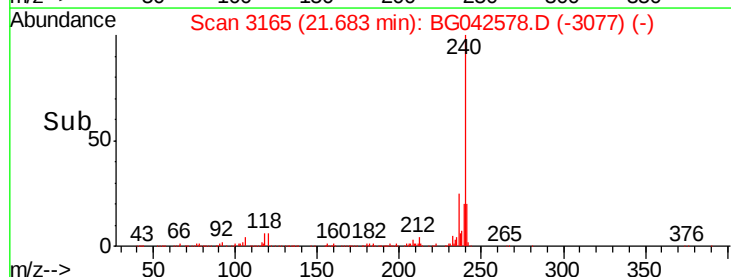
236 25.2 21.0 31.4

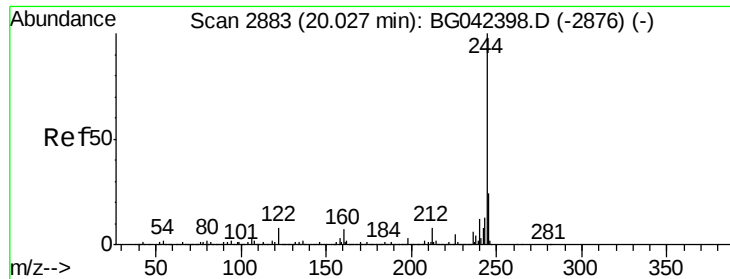


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 63.366 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042578.D

Acq: 29 Aug 2019 23:23

Instrument :

BNA_G

ClientSampleId :

SB-02-30-32

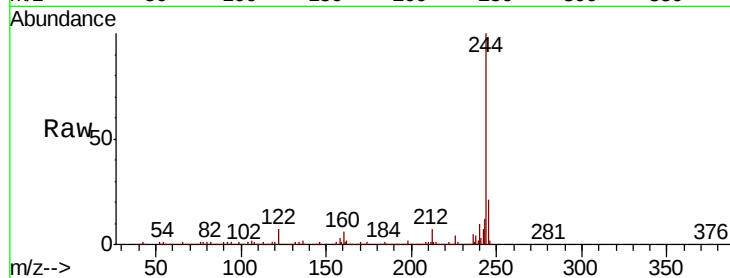
Tot Ion:244 Resp: 747071

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

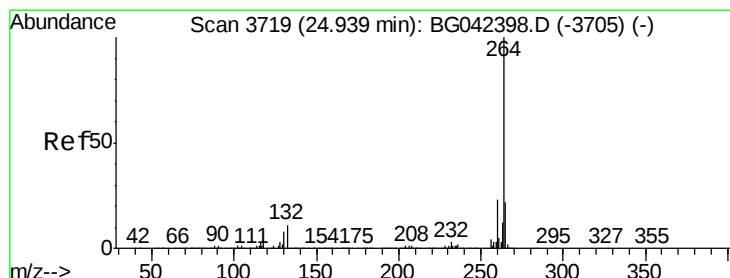
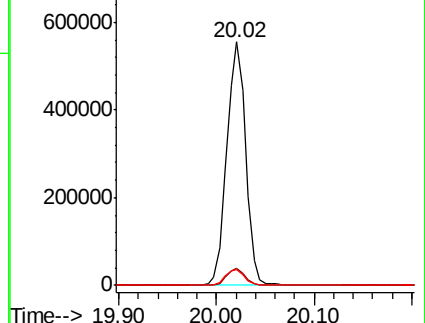
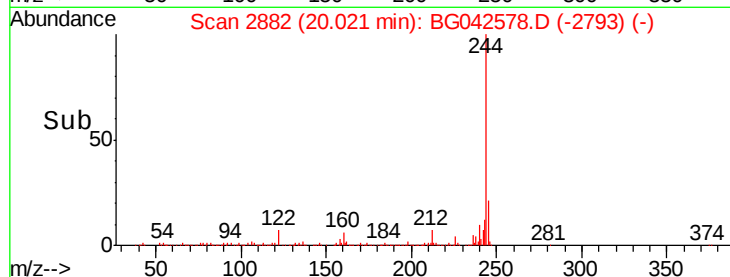
122 6.6 6.7 10.1#



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: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042578.D

Acq: 29 Aug 2019 23:23

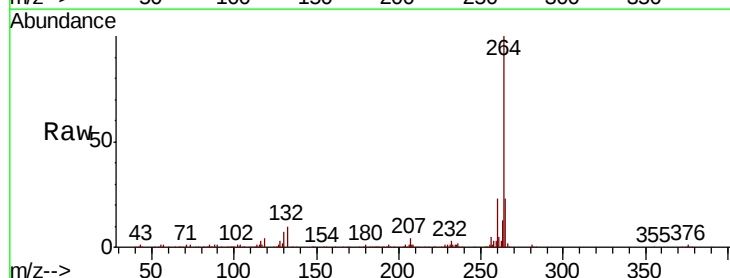
Tgt Ion:264 Resp: 298602

Ion Ratio Lower Upper

264 100

260 22.6 18.5 27.7

265 22.7 17.6 26.4



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

