

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
 Data File : BG042562.D
 Acq On : 29 Aug 2019 13:03
 Operator : HP/JU
 Sample : K4441-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S700-N-2.0-2.5-082019

Quant Time: Aug 29 14:20:38 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

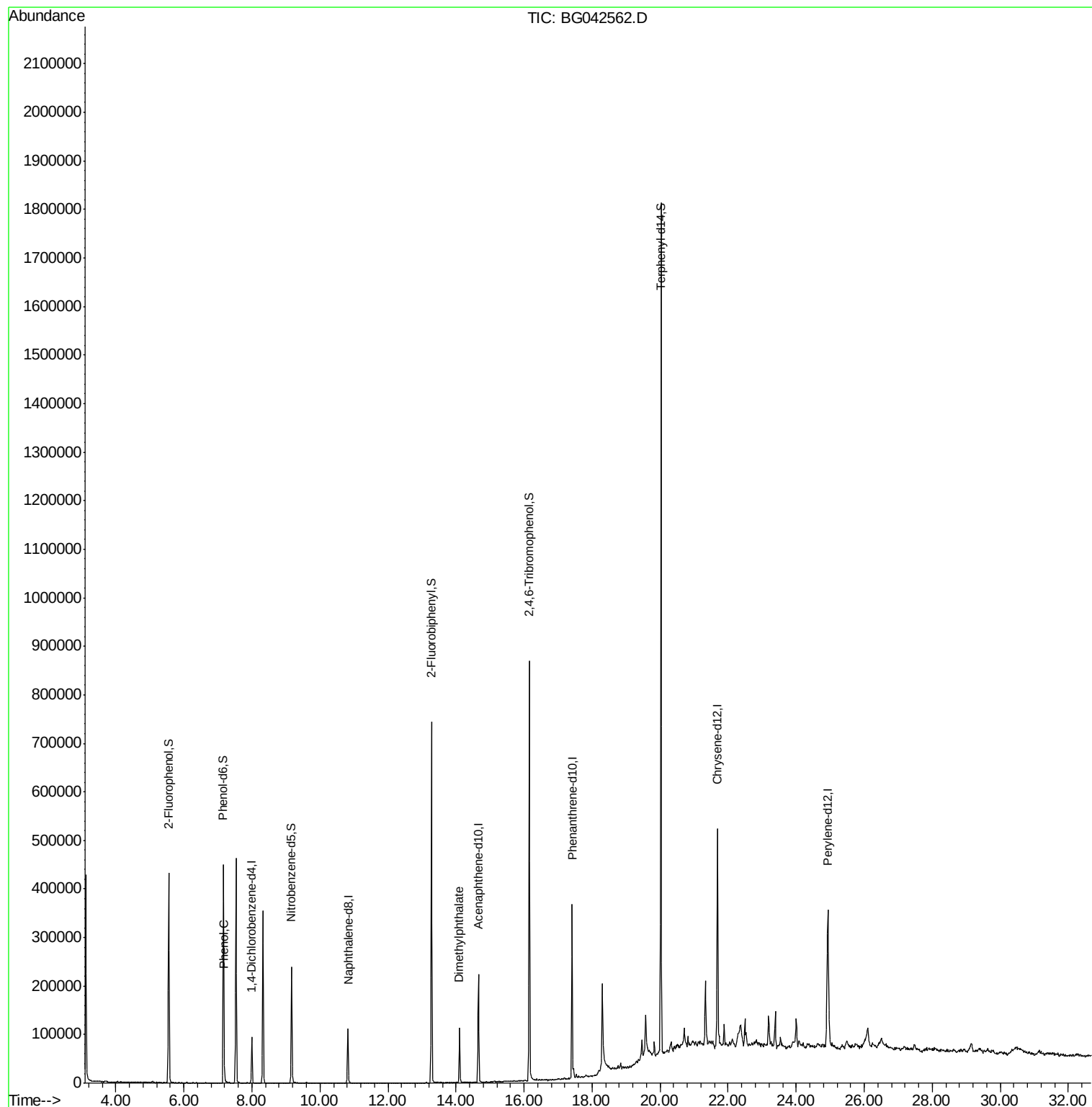
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	30012	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	116042	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	91683	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	239691	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	278314	20.00	ng	-0.01
87) Perylene-d12	24.93	264	340073	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	220598	148.87	ng	-0.01
7) Phenol-d6	7.16	99	290875	145.32	ng	-0.01
23) Nitrobenzene-d5	9.16	82	157259	93.65	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	216350	166.02	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	440208	81.21	ng	0.00
79) Terphenyl-d14	20.02	244	922666	71.67	ng	0.00
Target Compounds						
10) Phenol	7.18	94	6879	3.380	ng	Qvalue # 65
50) Dimethylphthalate	14.10	163	95503	14.437	ng	98

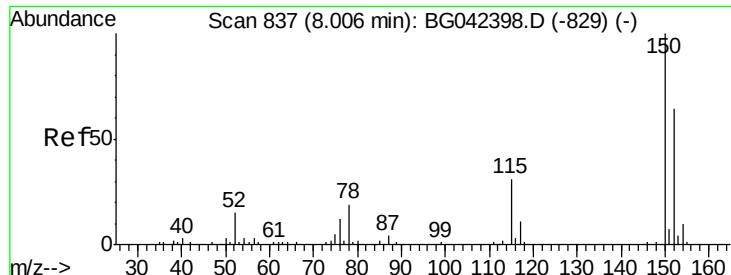
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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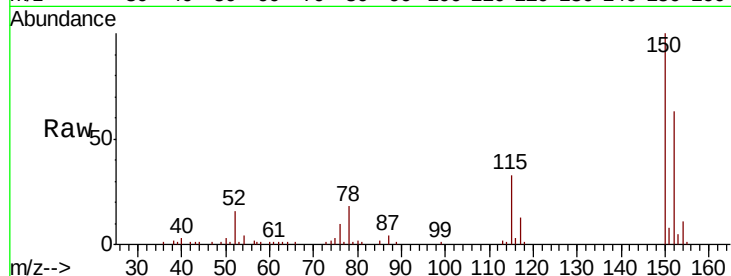


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042562.D
Acq: 29 Aug 2019 13:03

Instrument :
BNA_G
ClientSampleId :
S700-N-2.0-2.5-082019

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.4	188.0
115	52.0	38.5	57.7

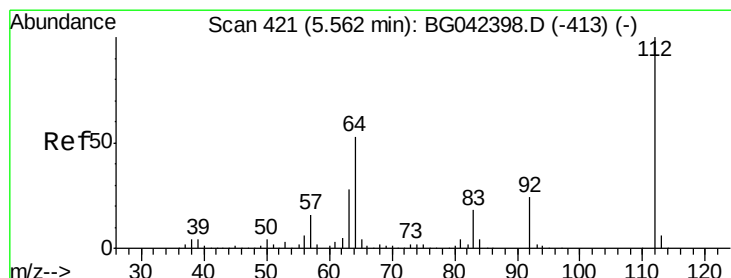
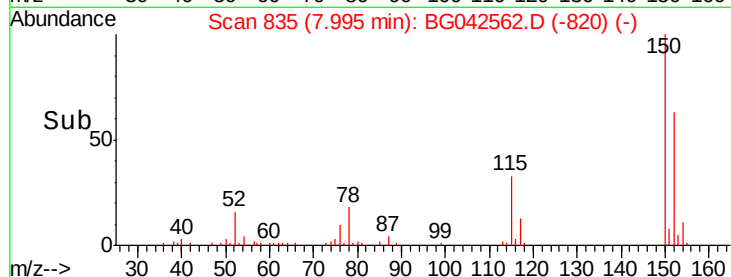
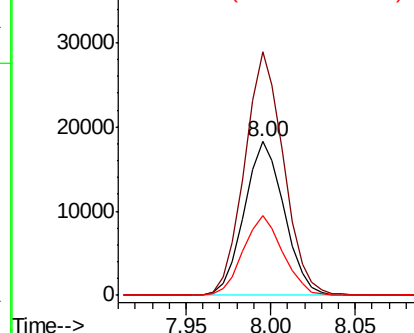


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

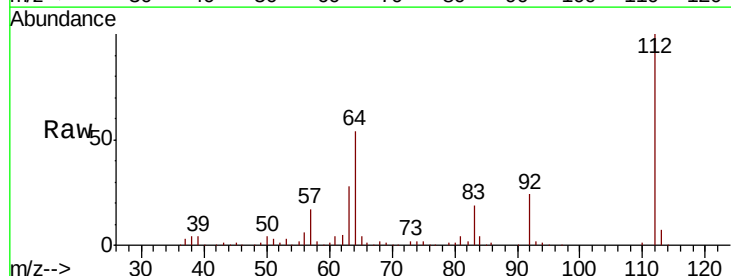
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 148.866 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042562.D
Acq: 29 Aug 2019 13:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	42.8	64.2
63	28.4	22.7	34.1

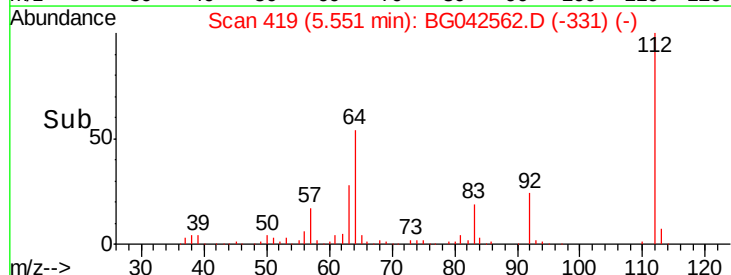
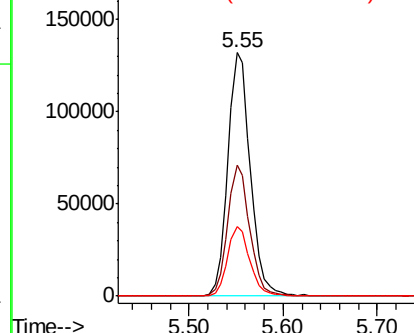


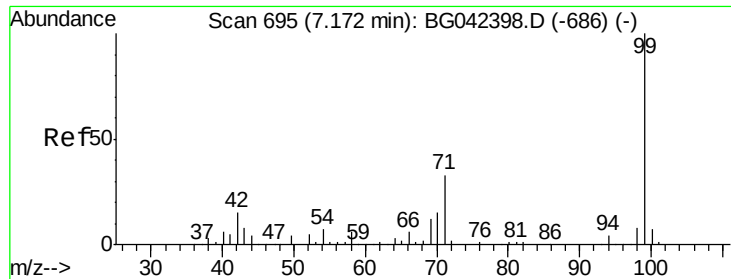
Abundance

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: 145.317 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042562.D

Acq: 29 Aug 2019 13:03

Instrument :

BNA_G

ClientSampleId :

S700-N-2.0-2.5-082019

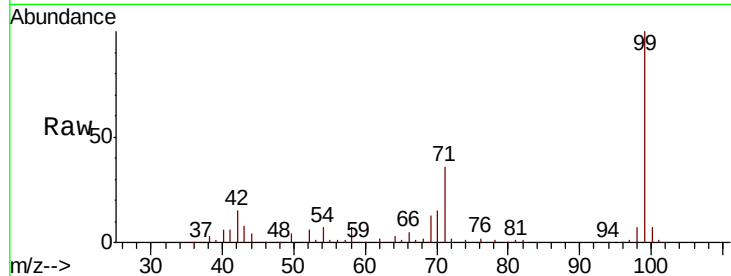
Tot Ion: 99 Resp: 290875

Ion Ratio Lower Upper

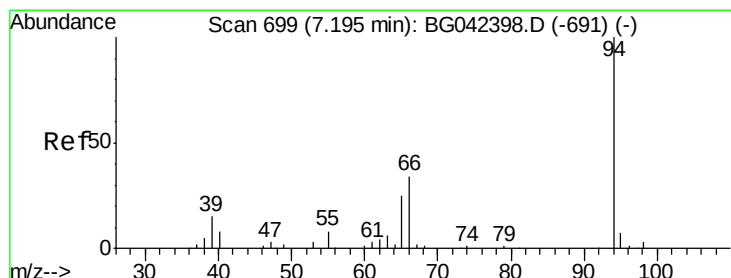
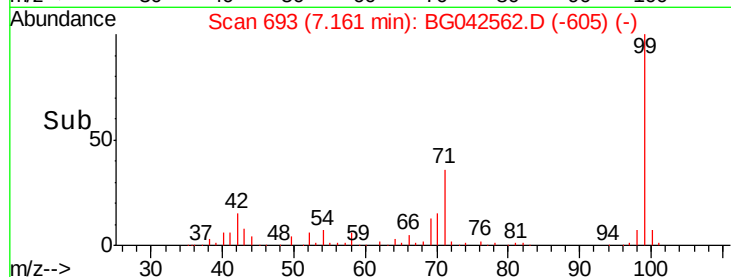
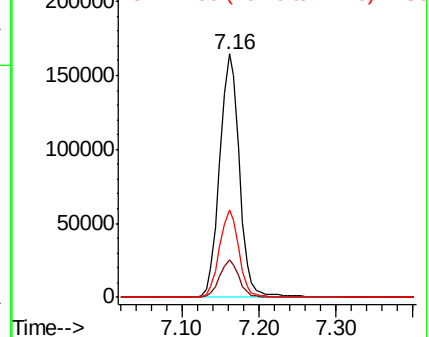
99 100

42 15.4 12.0 18.0

71 36.1 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: 3.380 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG042562.D

Acq: 29 Aug 2019 13:03

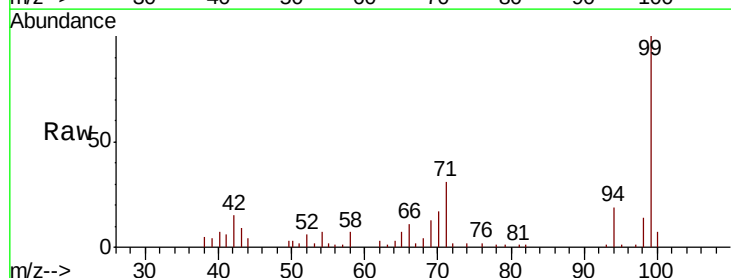
Tgt Ion: 94 Resp: 6879

Ion Ratio Lower Upper

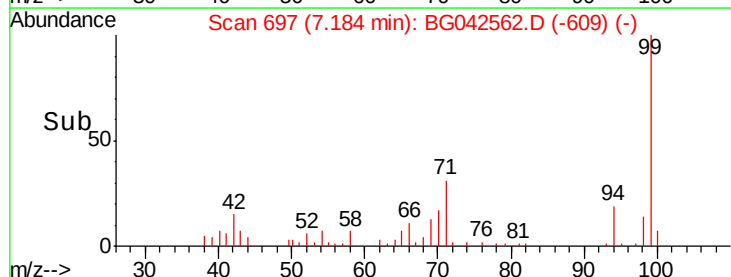
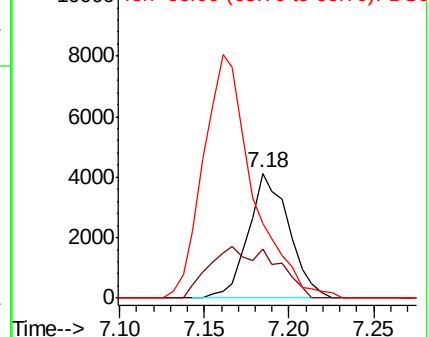
94 100

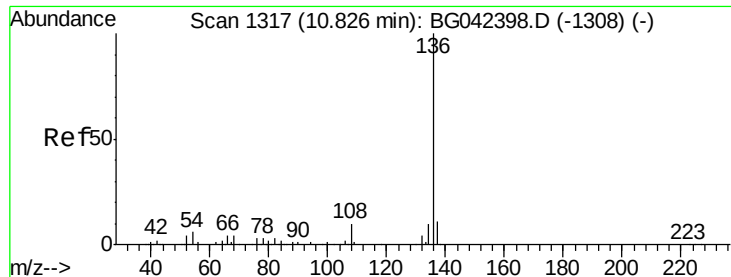
65 39.6 5.6 45.6

66 59.3 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. -0.00 min

Lab File: BG042562.D

Acq: 29 Aug 2019 13:03

Instrument :

BNA_G

ClientSampleId :

S700-N-2.0-2.5-082019

Tot Ion:136 Resp: 116042

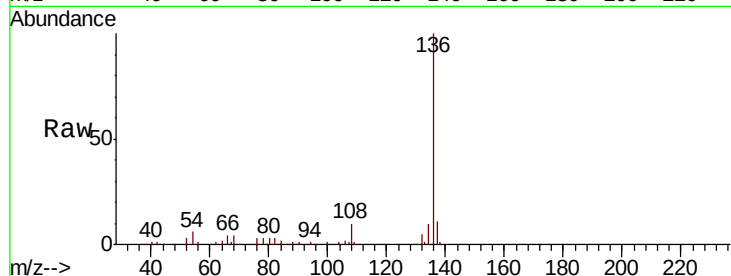
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.3 4.9 7.3

68 4.2 3.6 5.4

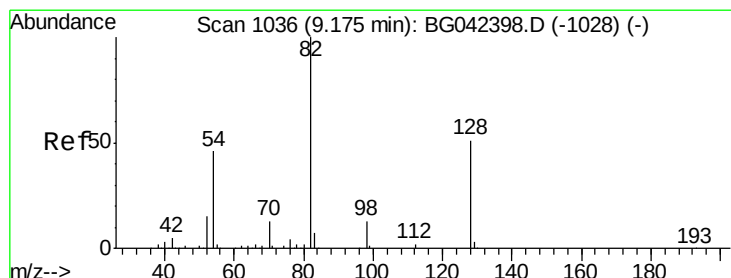
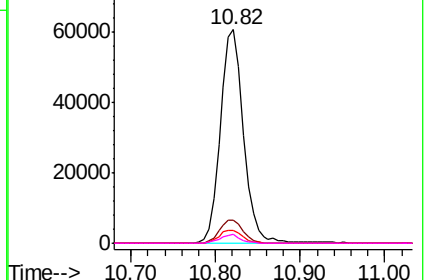
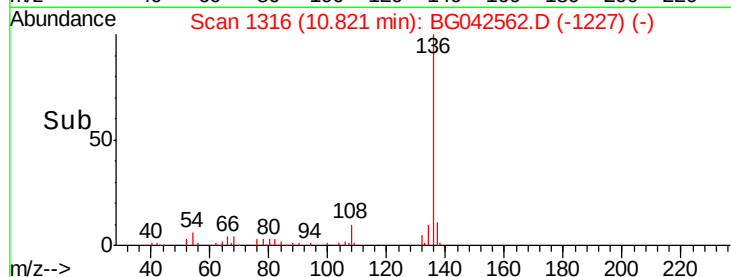


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.649 ng

RT: 9.16 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BG042562.D

Acq: 29 Aug 2019 13:03

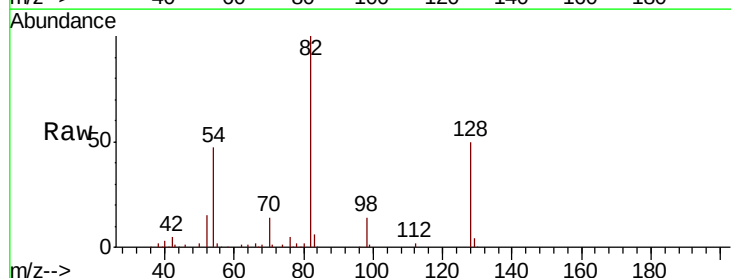
Tgt Ion: 82 Resp: 157259

Ion Ratio Lower Upper

82 100

128 49.9 40.7 61.1

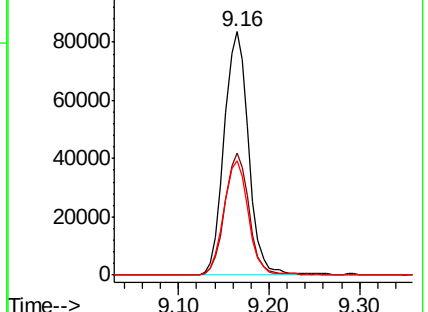
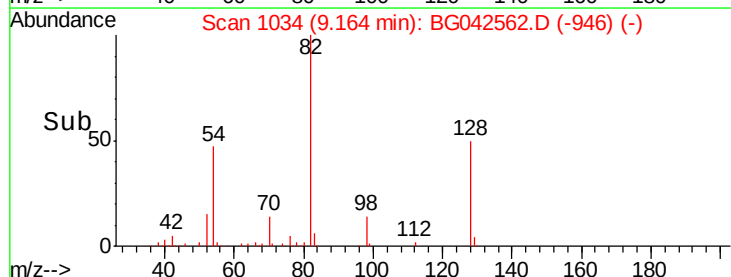
54 47.1 36.3 54.5

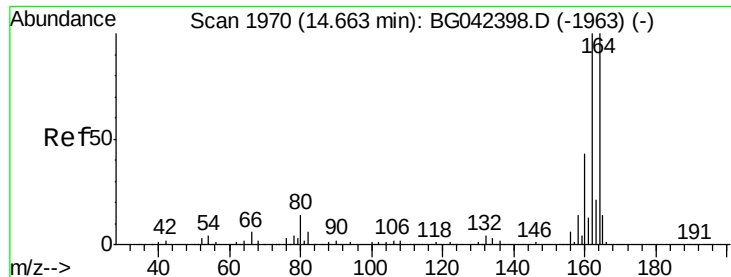


Abundance Ion 82.00 (81.70 to 82.70): BGC

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. -0.00 min

Lab File: BG042562.D

Acq: 29 Aug 2019 13:03

Instrument :

BNA_G

ClientSampleId :

S700-N-2.0-2.5-082019

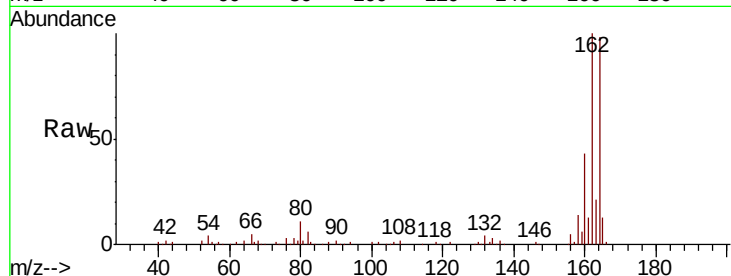
Tot Ion:164 Resp: 91683

Ion	Ratio	Lower	Upper
164	100		
162	102.0	79.9	119.9
160	43.6	34.3	51.5

164 100

162 102.0 79.9 119.9

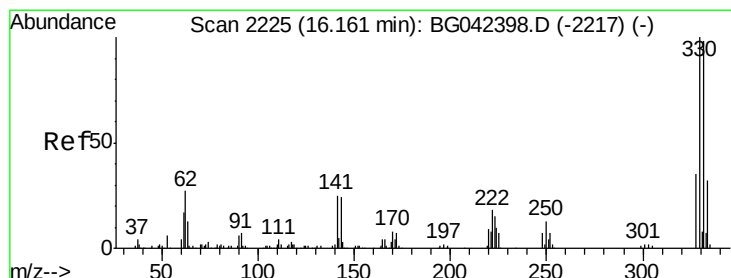
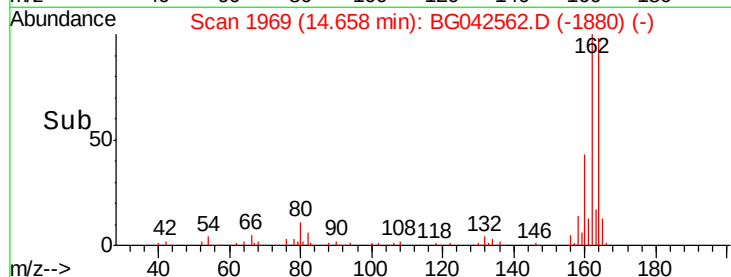
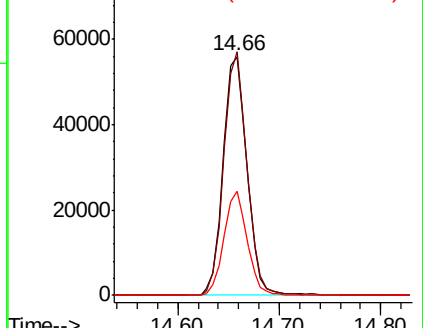
160 43.6 34.3 51.5



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: 166.024 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042562.D

Acq: 29 Aug 2019 13:03

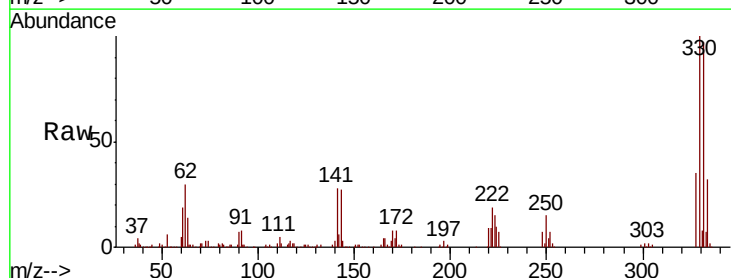
Tgt Ion:330 Resp: 216350

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.0
141	26.8	21.4	32.0

330 100

332 95.7 77.4 116.0

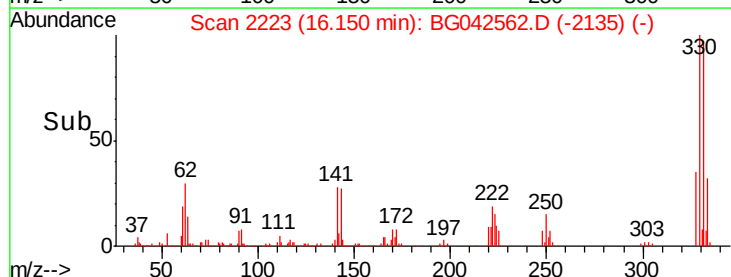
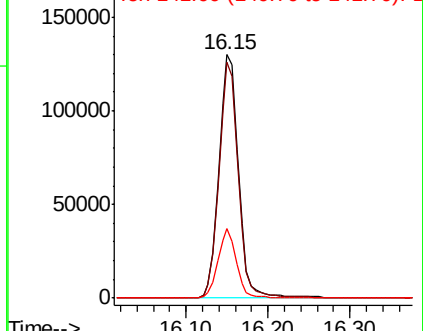
141 26.8 21.4 32.0

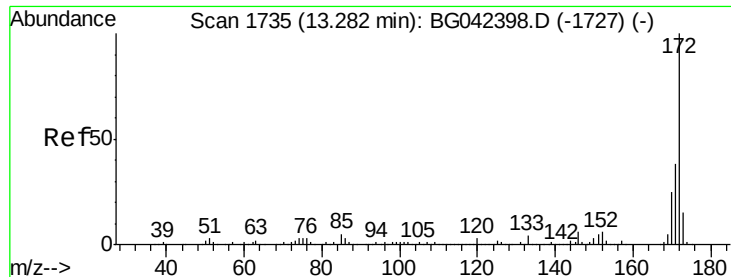


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

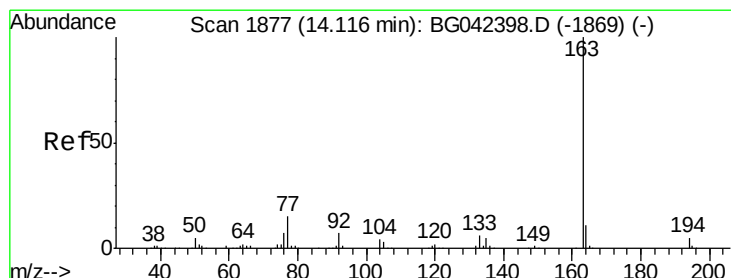
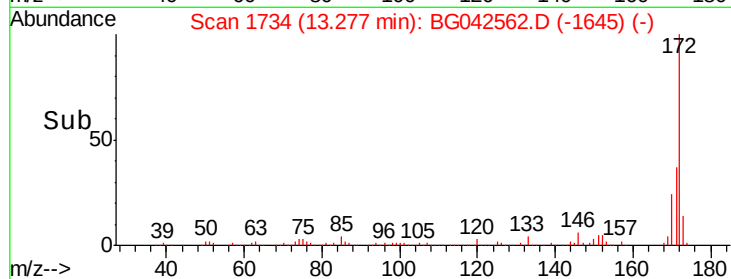
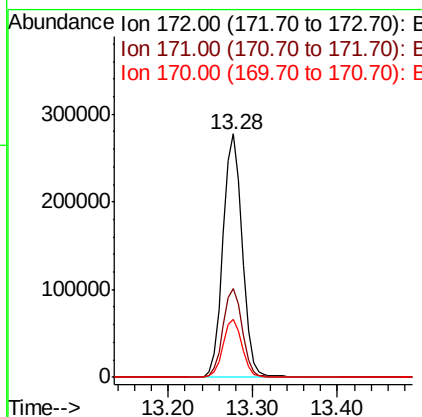
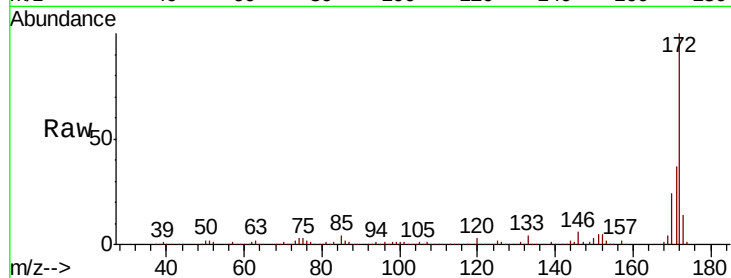




#45
2-Fluorobiphenyl
Concen: 81.206 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042562.D
Acq: 29 Aug 2019 13:03

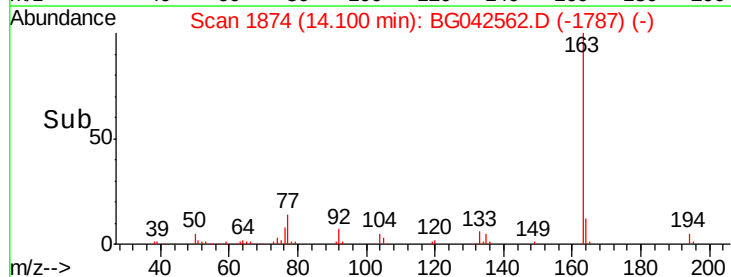
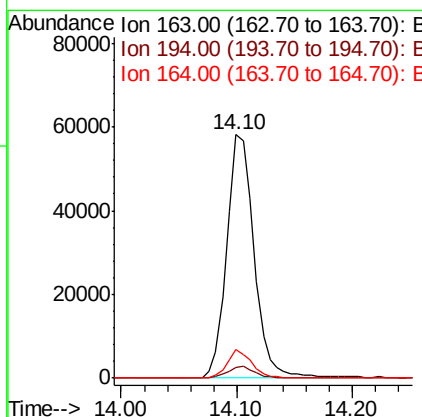
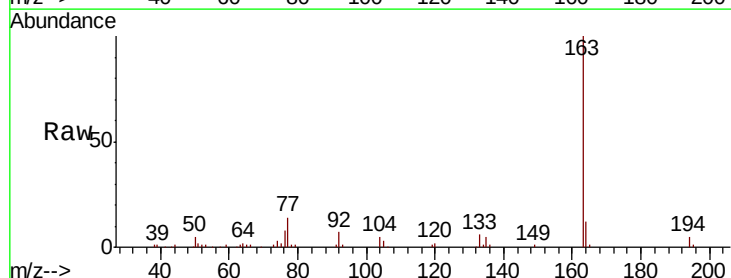
Instrument :
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S700-N-2.0-2.5-082019

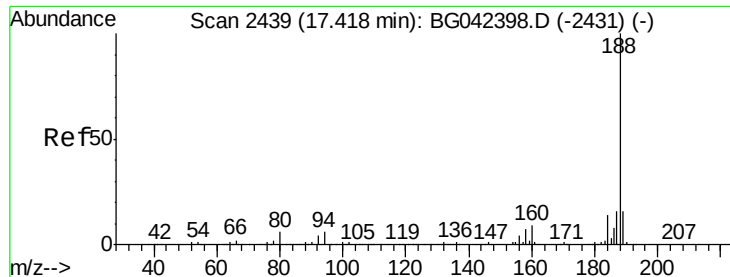
Tot Ion:172 Resp: 440208
Ion Ratio Lower Upper
172 100
171 36.6 30.5 45.7
170 23.8 20.2 30.2



#50
Dimethylphthalate
Concen: 14.437 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.02 min
Lab File: BG042562.D
Acq: 29 Aug 2019 13:03

Tgt Ion:163 Resp: 95503
Ion Ratio Lower Upper
163 100
194 4.5 4.2 6.2
164 11.8 8.8 13.2

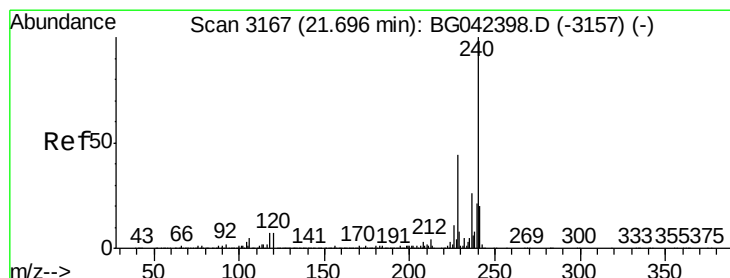
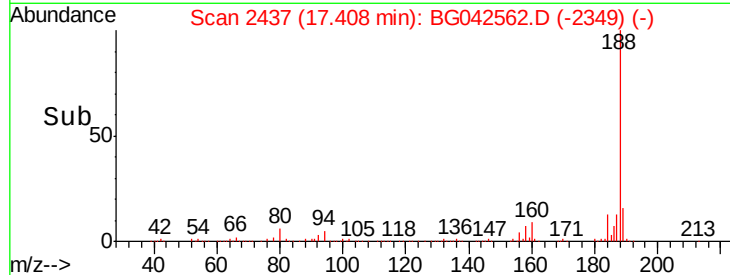
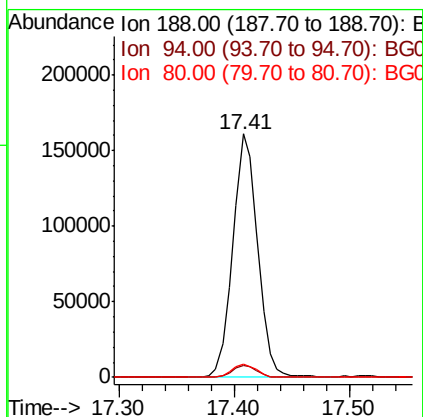
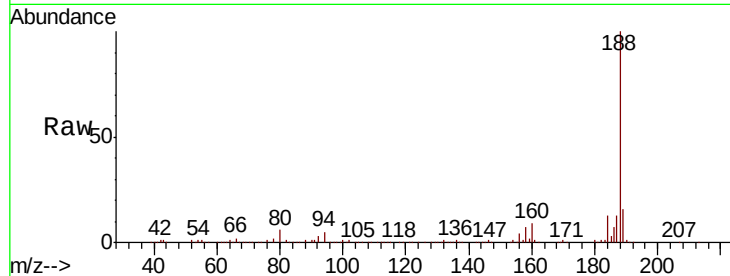




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042562.D
Acq: 29 Aug 2019 13:03

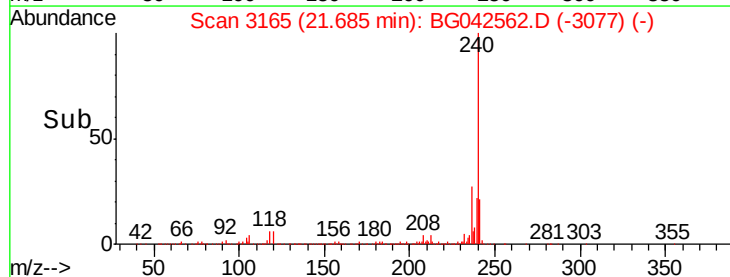
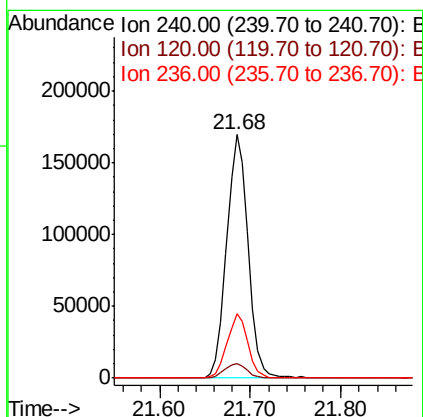
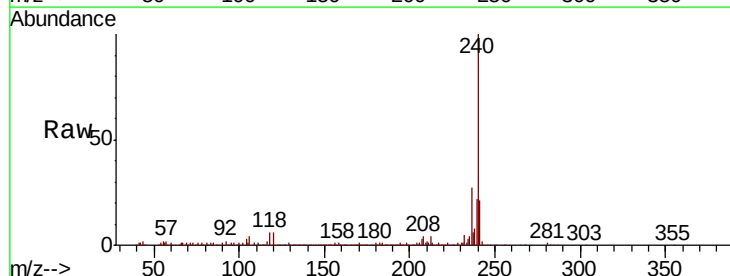
Instrument :
BNA_G
ClientSampleId :
S700-N-2.0-2.5-082019

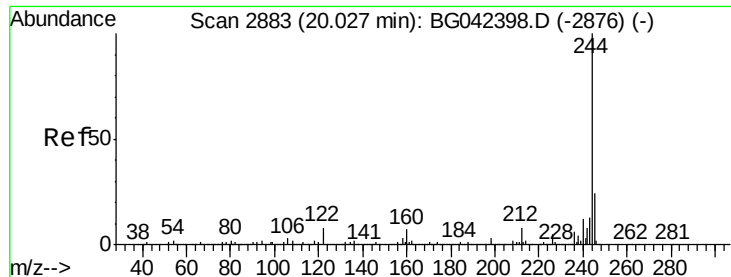
Tot Ion:188 Resp: 239691
Ion Ratio Lower Upper
188 100
94 5.1 4.5 6.7
80 5.6 4.9 7.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042562.D
Acq: 29 Aug 2019 13:03

Tgt Ion:240 Resp: 278314
Ion Ratio Lower Upper
240 100
120 6.0 5.7 8.5
236 26.6 21.0 31.4





#79

Terphenyl-d14

Concen: 71.672 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042562.D

Acq: 29 Aug 2019 13:03

Instrument :

BNA_G

ClientSampleId :

S700-N-2.0-2.5-082019

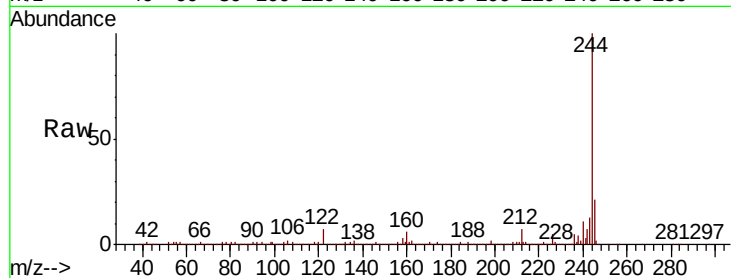
Tot Ion:244 Resp: 922666

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

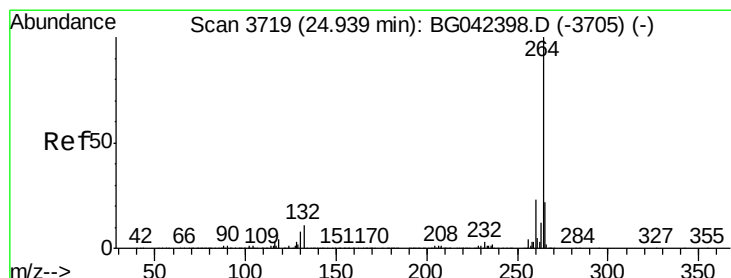
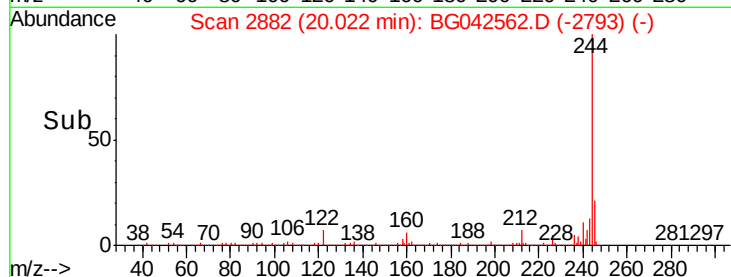
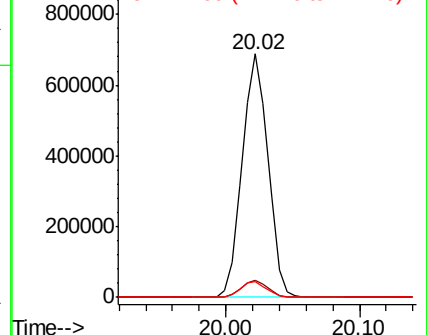
122 6.7 6.7 10.1



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: BG042562.D

Acq: 29 Aug 2019 13:03

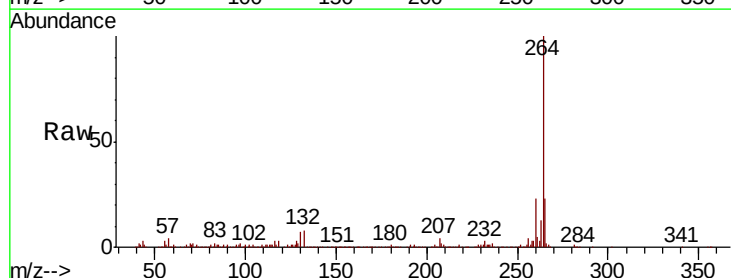
Tgt Ion:264 Resp: 340073

Ion Ratio Lower Upper

264 100

260 22.5 18.5 27.7

265 23.0 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

