

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
 Data File : BG042515.D
 Acq On : 27 Aug 2019 22:04
 Operator : HP/JU
 Sample : K4551-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S400-K1-1.0-1.5-082619

Quant Time: Aug 28 03:21:41 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

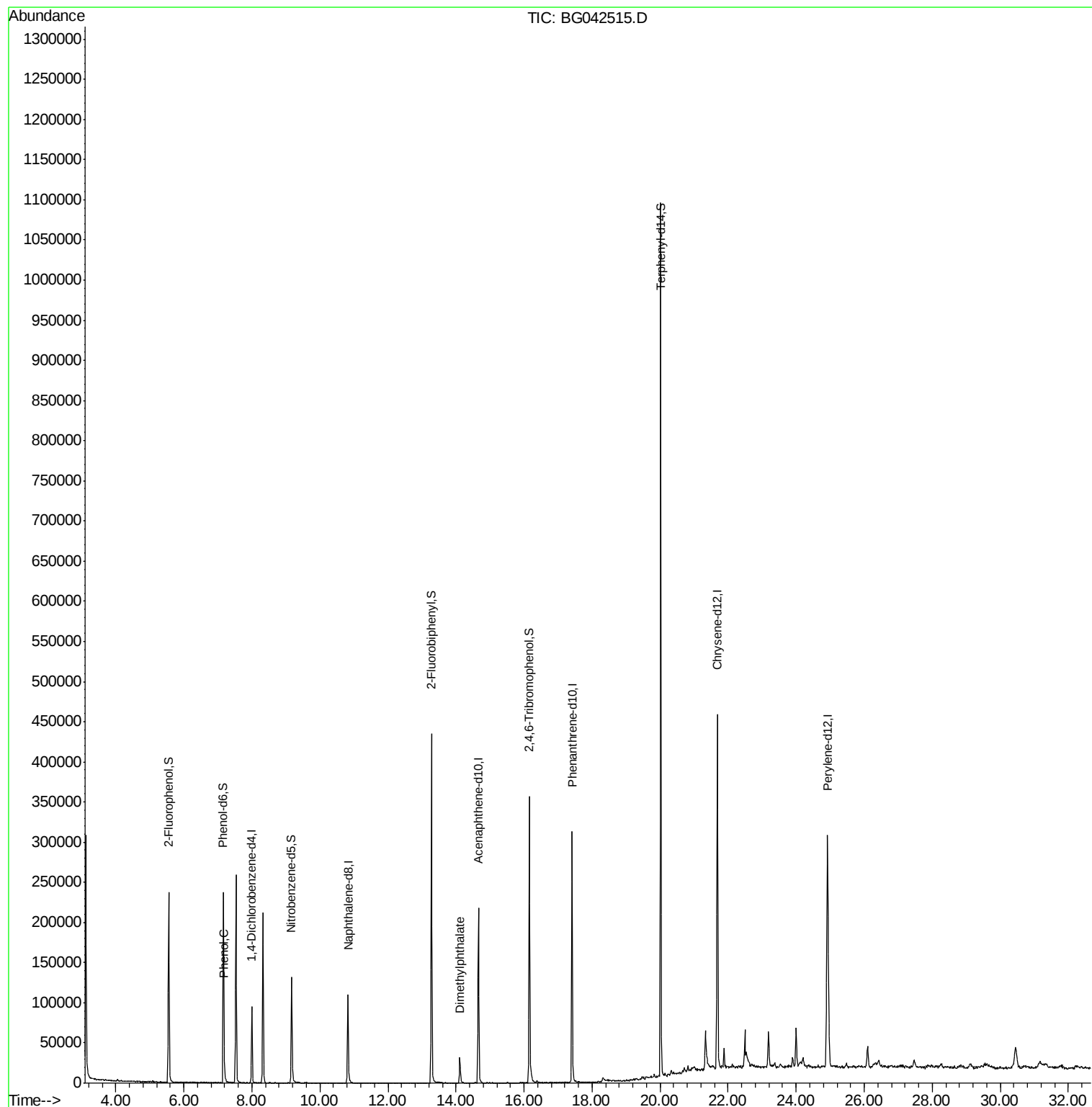
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	32013	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	122544	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	92878	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	233173	20.00	ng	0.00
76) Chrysene-d12	21.68	240	295308	20.00	ng	-0.02
87) Perylene-d12	24.92	264	349825	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	127389	80.59	ng	0.00
7) Phenol-d6	7.16	99	171400	80.28	ng	0.00
23) Nitrobenzene-d5	9.17	82	95770	54.01	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	107202	81.21	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	283162	51.56	ng	0.00
79) Terphenyl-d14	20.02	244	594766	43.54	ng	0.00
Target Compounds						
10) Phenol	7.19	94	4999	2.303	ng	Qvalue # 61
50) Dimethylphthalate	14.11	163	41458	6.186	ng	98

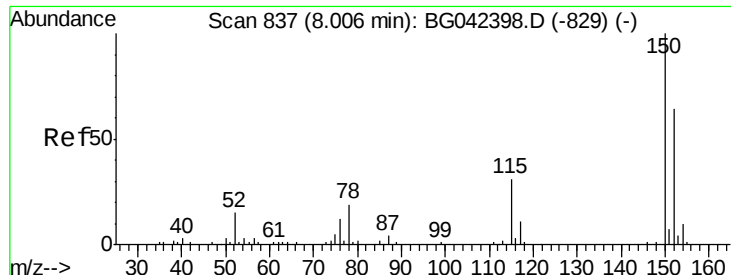
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG042515.D

Acq: 27 Aug 2019 22:04

Instrument :

BNA_G

ClientSampleId :

S400-K1-1.0-1.5-082619

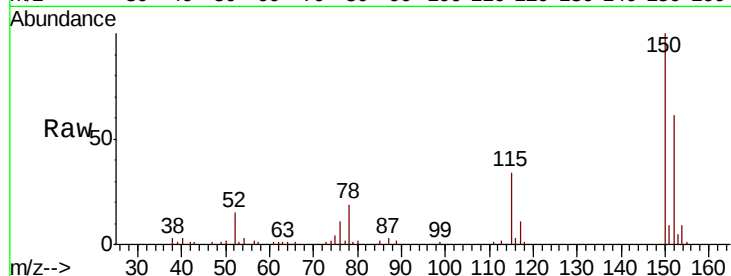
Tot Ion:152 Resp: 32013

Ion Ratio Lower Upper

152 100

150 164.6 125.4 188.0

115 56.1 38.5 57.7

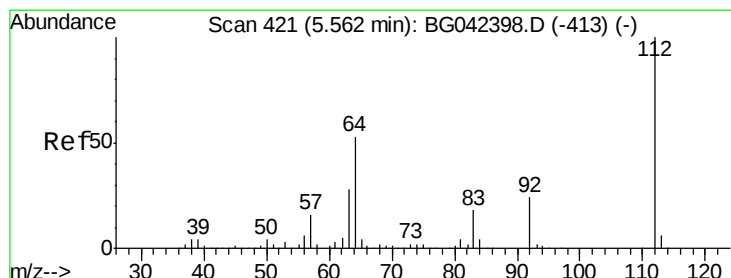
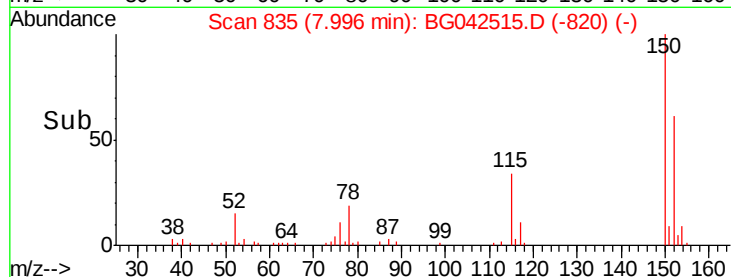
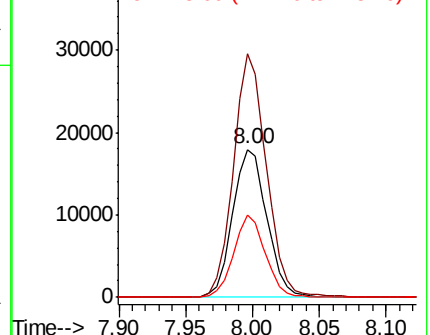


Abundance

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: 80.592 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG042515.D

Acq: 27 Aug 2019 22:04

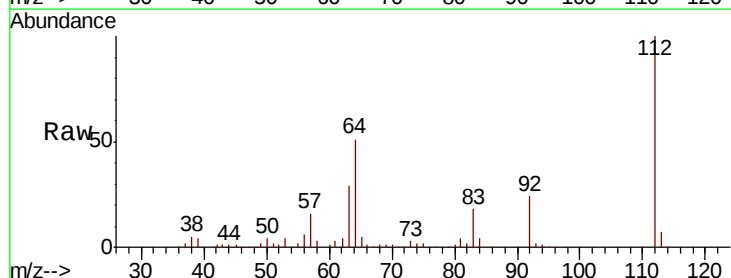
Tgt Ion:112 Resp: 127389

Ion Ratio Lower Upper

112 100

64 51.4 42.8 64.2

63 28.7 22.7 34.1

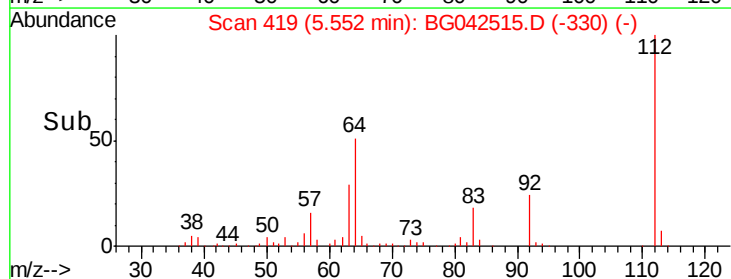
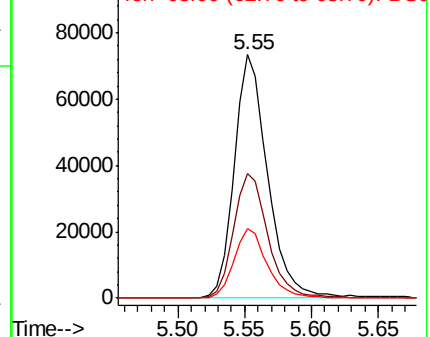


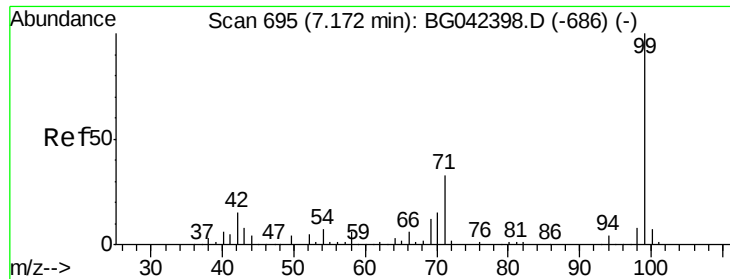
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 80.277 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042515.D

Acq: 27 Aug 2019 22:04

Instrument :

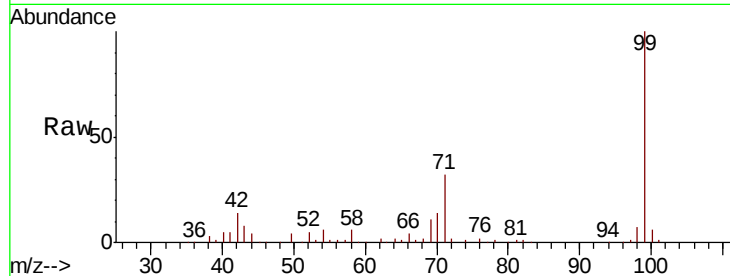
BNA_G

ClientSampleId :

S400-K1-1.0-1.5-082619

Tot Ion: 99 Resp: 171400

Ion	Ratio	Lower	Upper
99	100		
42	13.6	12.0	18.0
71	31.9	26.3	39.5

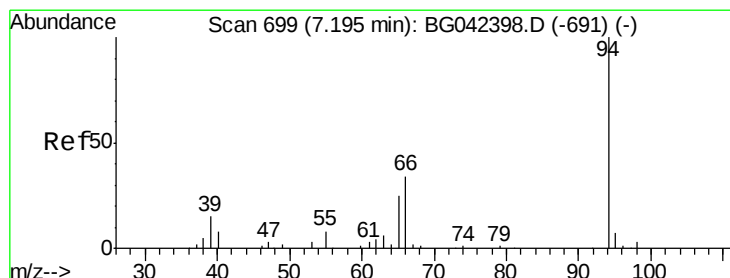
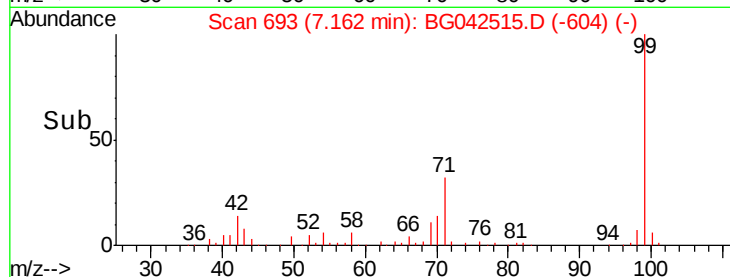
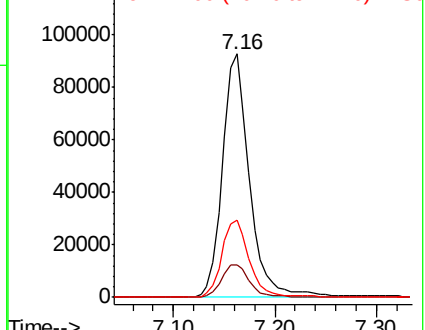


Abundance

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: 2.303 ng

RT: 7.19 min Scan# 697

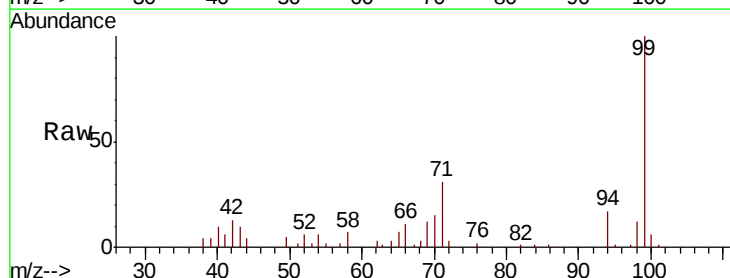
Delta R.T. -0.01 min

Lab File: BG042515.D

Acq: 27 Aug 2019 22:04

Tgt Ion: 94 Resp: 4999

Ion	Ratio	Lower	Upper
94	100		
65	41.7	5.6	45.6
66	61.7	16.0	56.0#

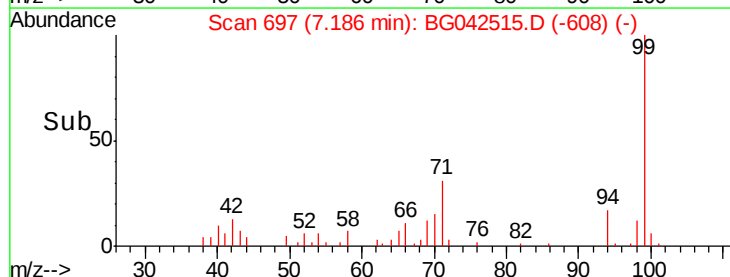
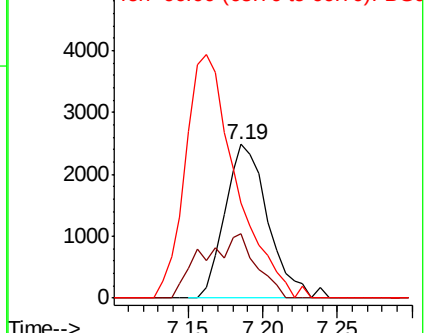


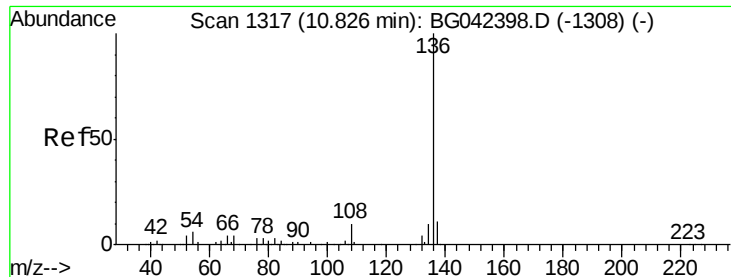
Abundance

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: BG042515.D

Acq: 27 Aug 2019 22:04

Instrument :

BNA_G

ClientSampleId :

S400-K1-1.0-1.5-082619

Tot Ion:136 Resp: 122544

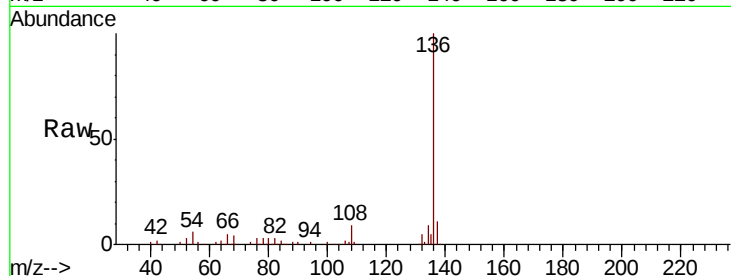
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 5.9 4.9 7.3

68 4.5 3.6 5.4

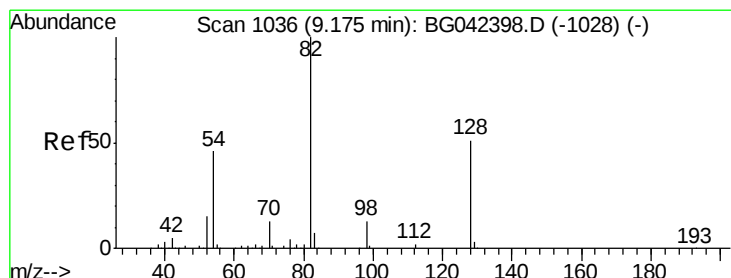
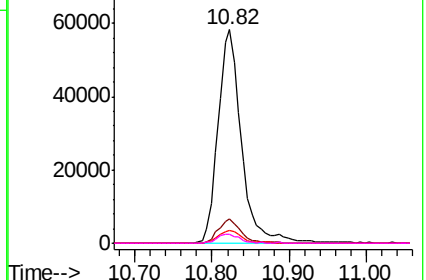
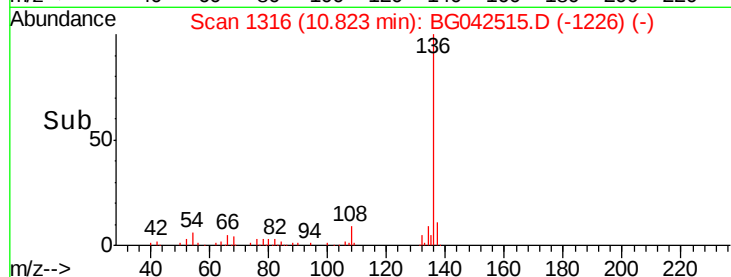


Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.006 ng

RT: 9.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BG042515.D

Acq: 27 Aug 2019 22:04

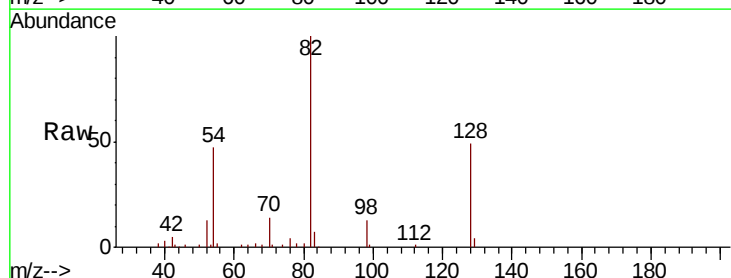
Tgt Ion: 82 Resp: 95770

Ion Ratio Lower Upper

82 100

128 48.7 40.7 61.1

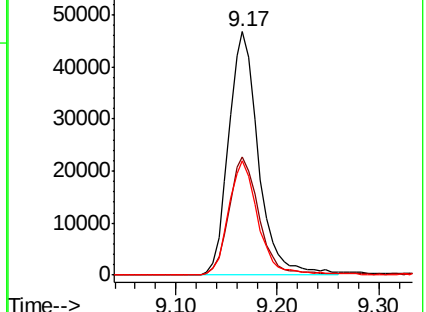
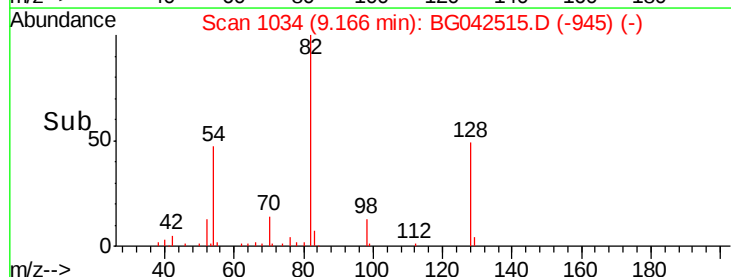
54 47.0 36.3 54.5

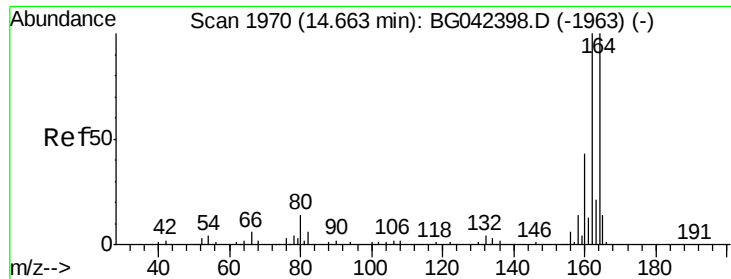


Abundance Ion 82.00 (81.70 to 82.70): BGC

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. -0.00 min

Lab File: BG042515.D

Acq: 27 Aug 2019 22:04

Instrument :

BNA_G

ClientSampleId :

S400-K1-1.0-1.5-082619

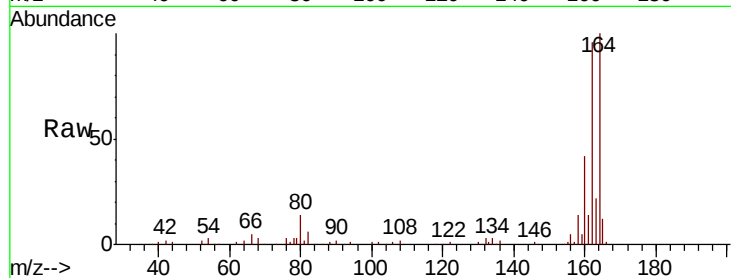
Tot Ion:164 Resp: 92878

Ion Ratio Lower Upper

164 100

162 95.9 79.9 119.9

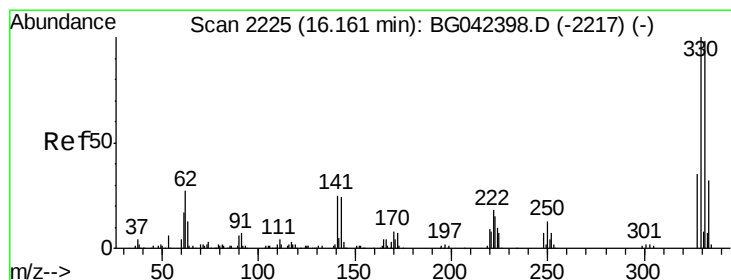
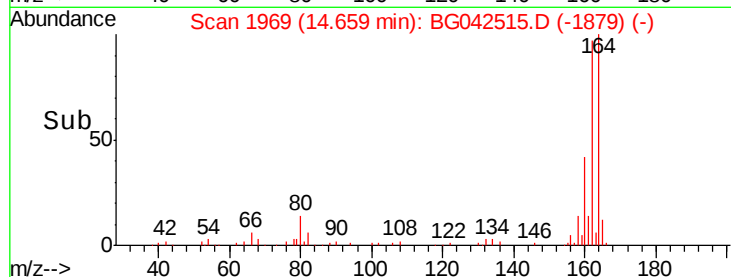
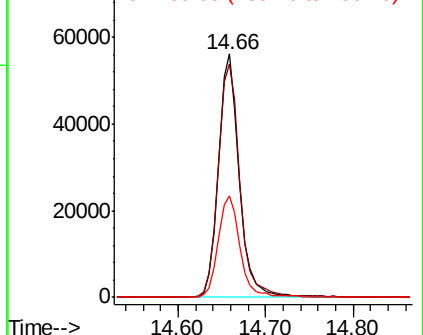
160 41.8 34.3 51.5



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: 81.207 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042515.D

Acq: 27 Aug 2019 22:04

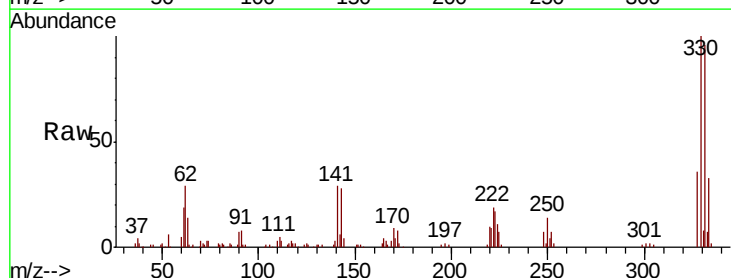
Tgt Ion:330 Resp: 107202

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.0

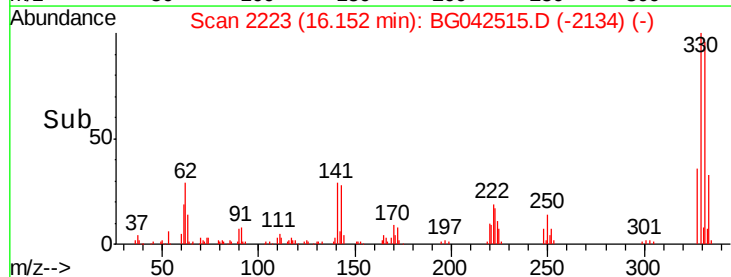
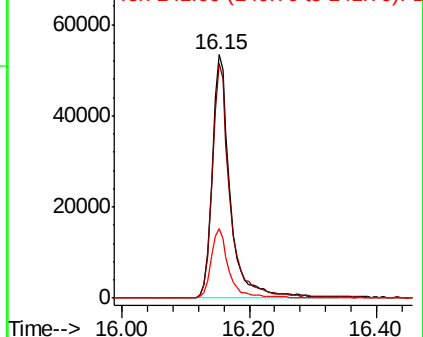
141 27.1 21.4 32.0

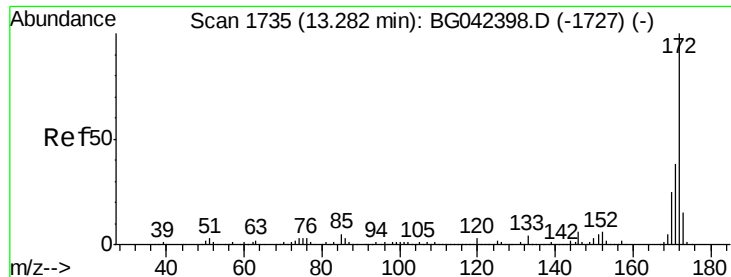


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

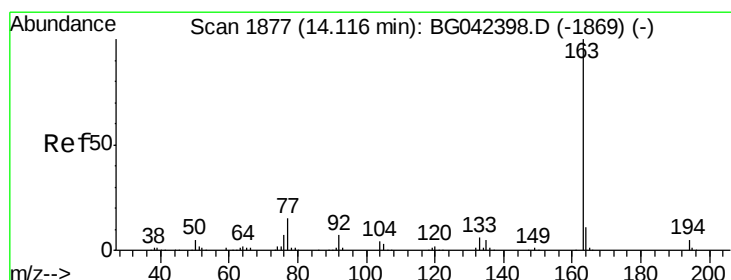
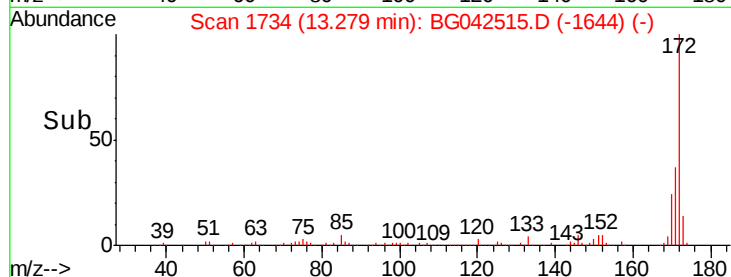
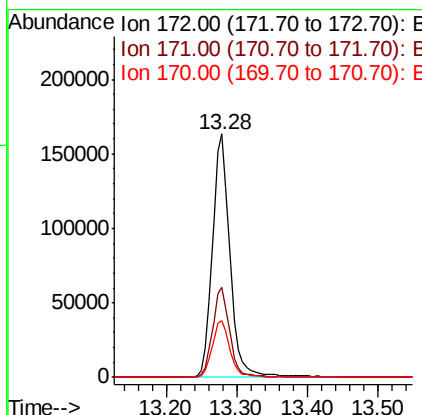
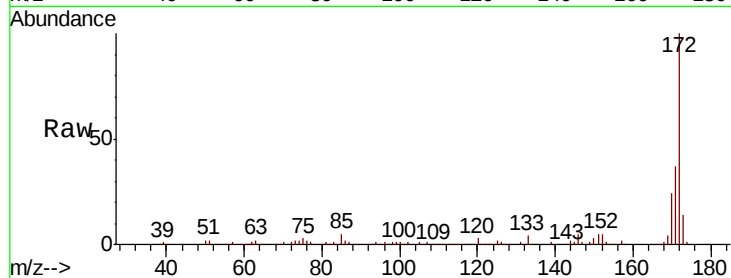




#45
2-Fluorobiphenyl
Concen: 51.563 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042515.D
Acq: 27 Aug 2019 22:04

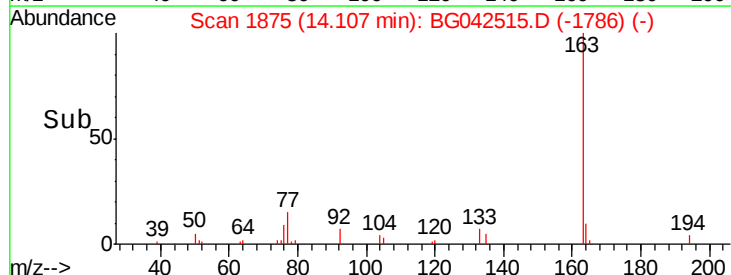
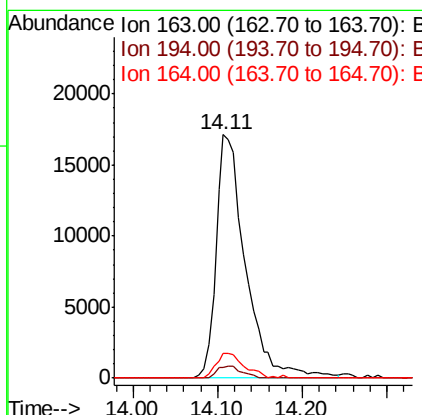
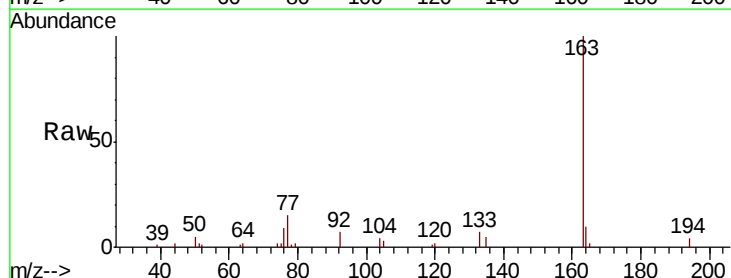
Instrument :
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S400-K1-1.0-1.5-082619

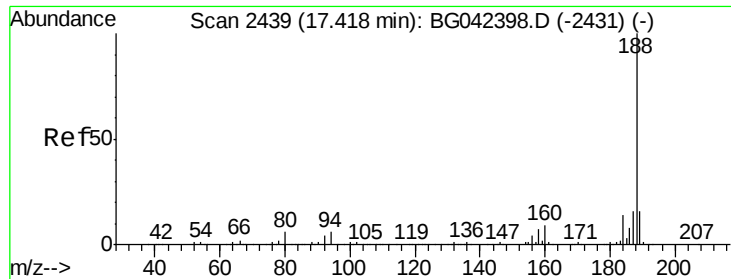
Tot Ion:172 Resp: 283162
Ion Ratio Lower Upper
172 100
171 36.9 30.5 45.7
170 23.5 20.2 30.2



#50
Dimethylphthalate
Concen: 6.186 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042515.D
Acq: 27 Aug 2019 22:04

Tgt Ion:163 Resp: 41458
Ion Ratio Lower Upper
163 100
194 4.2 4.2 6.2
164 10.4 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: BG042515.D

Acq: 27 Aug 2019 22:04

Instrument :

BNA_G

ClientSampleId :

S400-K1-1.0-1.5-082619

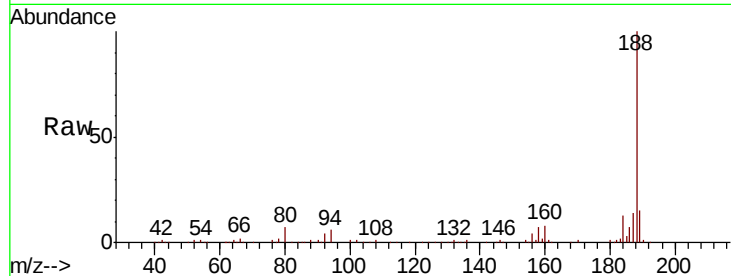
Tot Ion:188 Resp: 233173

Ion Ratio Lower Upper

188 100

94 5.7 4.5 6.7

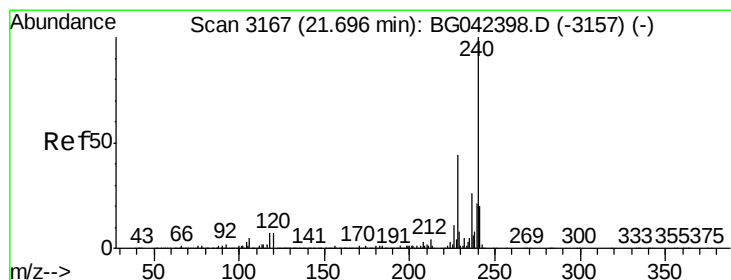
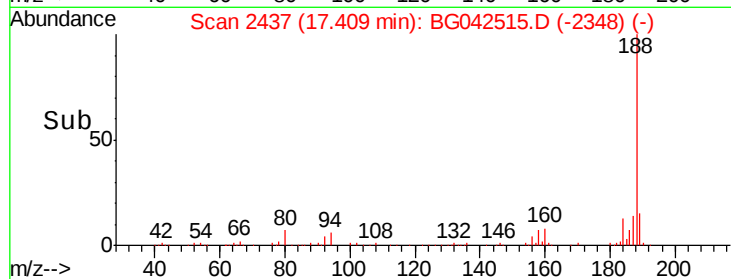
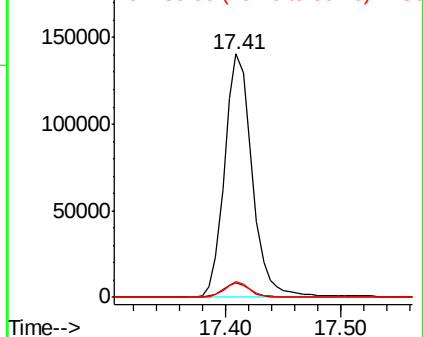
80 6.7 4.9 7.3



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# 3164

Delta R.T. -0.02 min

Lab File: BG042515.D

Acq: 27 Aug 2019 22:04

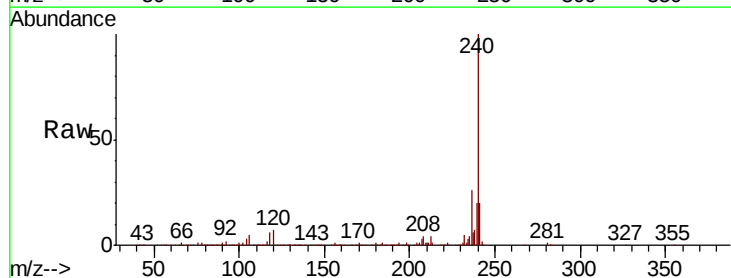
Tgt Ion:240 Resp: 295308

Ion Ratio Lower Upper

240 100

120 6.8 5.7 8.5

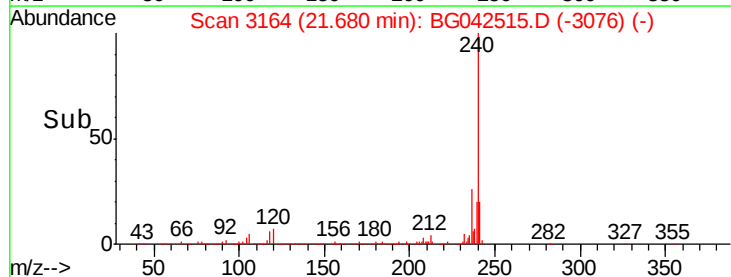
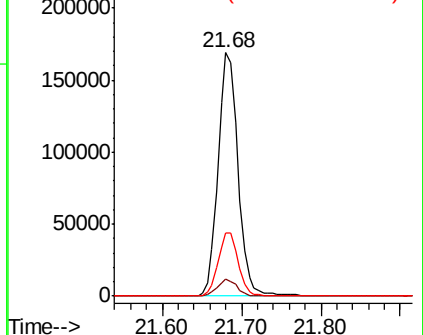
236 26.0 21.0 31.4

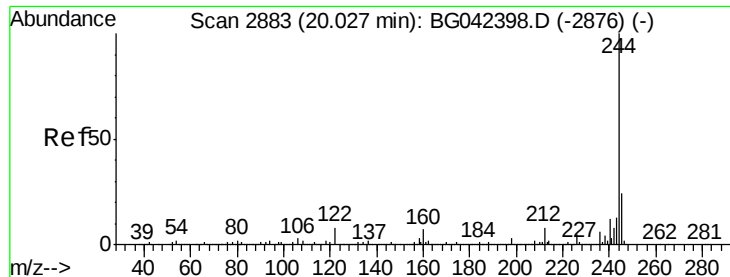


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 43.542 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042515.D

Acq: 27 Aug 2019 22:04

Instrument :

BNA_G

ClientSampleId :

S400-K1-1.0-1.5-082619

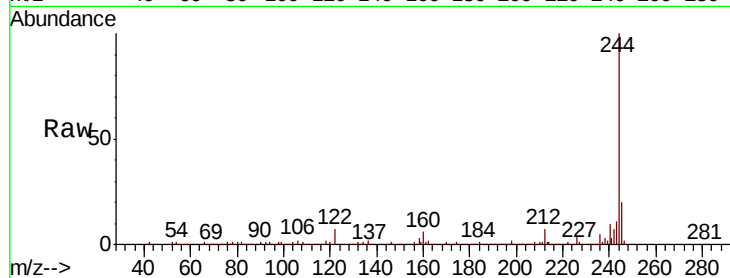
Tot Ion:244 Resp: 594766

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

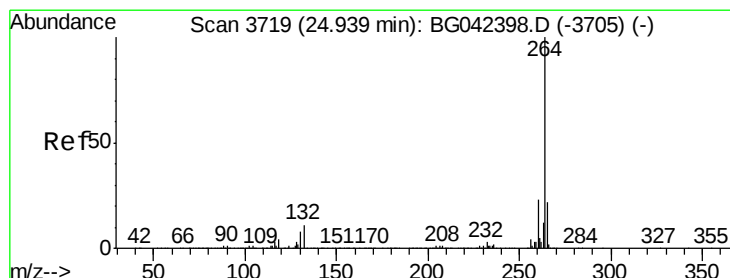
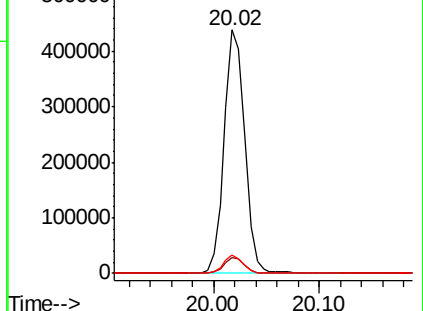
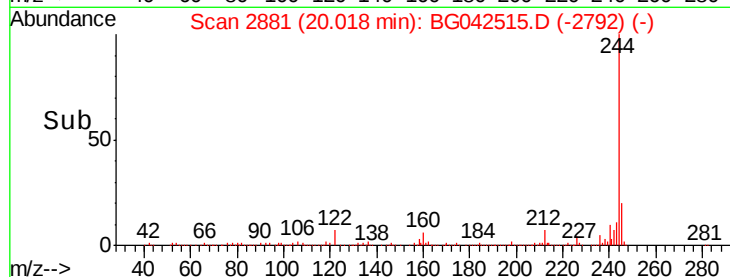
122 7.5 6.7 10.1



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: 24.92 min Scan# 3715

Delta R.T. -0.02 min

Lab File: BG042515.D

Acq: 27 Aug 2019 22:04

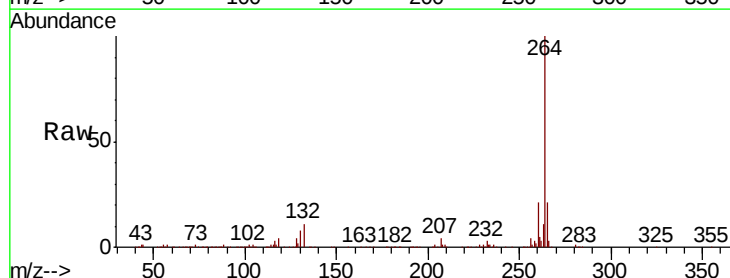
Tgt Ion:264 Resp: 349825

Ion Ratio Lower Upper

264 100

260 21.4 18.5 27.7

265 21.3 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

