

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042856.D
 Acq On : 16 Sep 2019 19:50
 Operator : HP/JU
 Sample : K4866-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 N48987

Quant Time: Sep 17 04:18:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

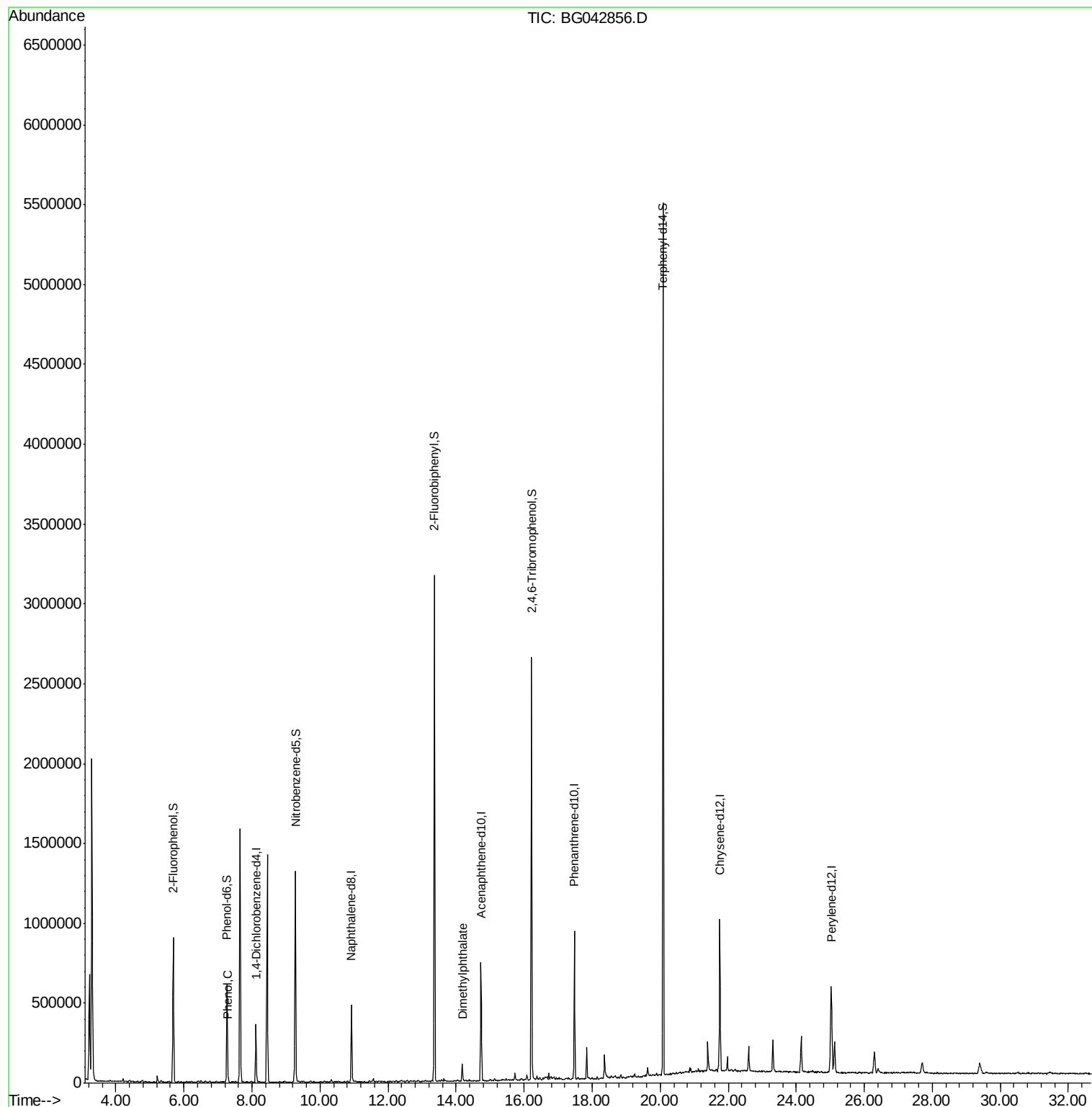
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	106565	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	392690	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	260077	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	576941	20.00	ng	0.00
76) Chrysene-d12	21.75	240	570161	20.00	ng	0.00
87) Perylene-d12	25.03	264	632830	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	366225	59.75	ng	0.00
7) Phenol-d6	7.27	99	330857	37.61	ng	0.00
23) Nitrobenzene-d5	9.27	82	804673	106.68	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	528802	152.83	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1649889	100.42	ng	0.00
79) Terphenyl-d14	20.09	244	2440324	94.86	ng	0.00
Target Compounds						
10) Phenol	7.29	94	20327	2.253	ng	95
50) Dimethylphthalate	14.18	163	70370	3.612	ng	99

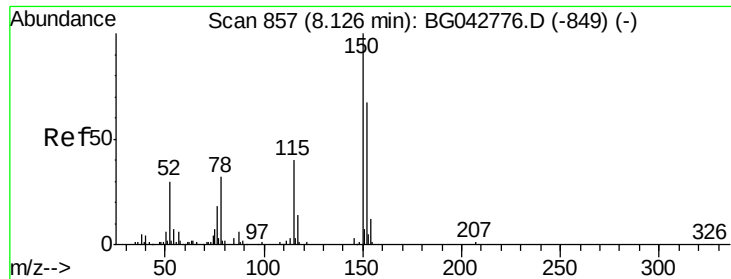
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 12 14:06:09 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.01 min

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Acq: 16 Sep 2019 19:50

Instrument :

BNA_G

ClientSampleId :

N48987

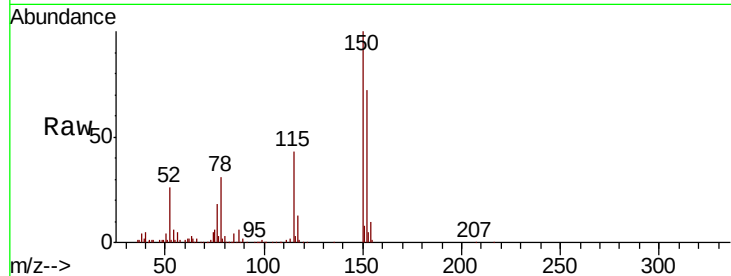
Tot Ion:152 Resp: 106565

Ion Ratio Lower Upper

152 100

150 139.2 118.9 178.3

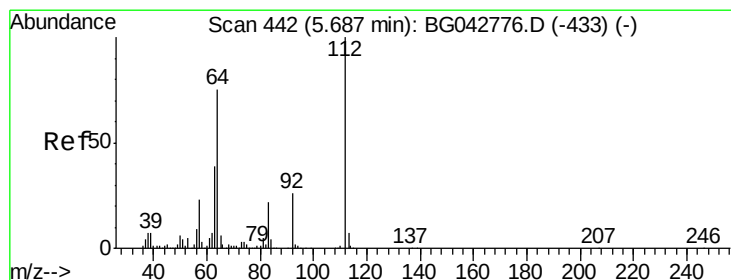
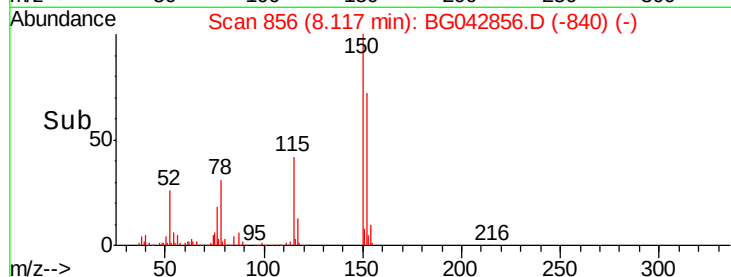
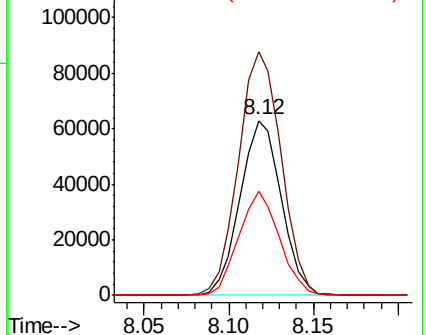
115 59.3 47.4 71.2



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: 59.748 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042856.D

Acq: 16 Sep 2019 19:50

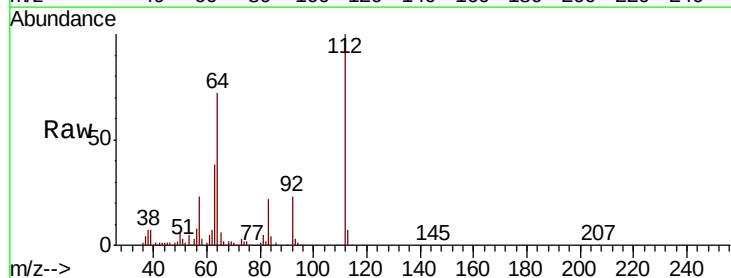
Tgt Ion:112 Resp: 366225

Ion Ratio Lower Upper

112 100

64 71.7 60.2 90.2

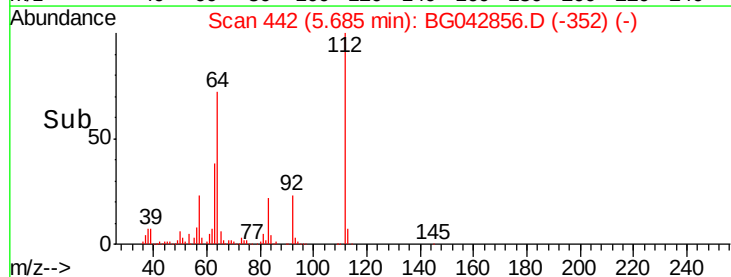
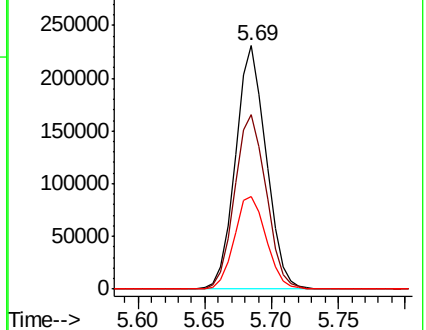
63 38.1 31.2 46.8

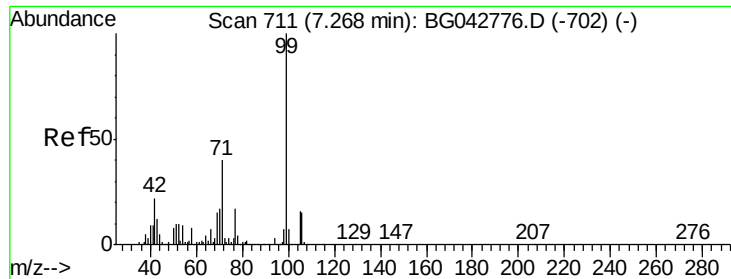


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 37.606 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042856.D

Acq: 16 Sep 2019 19:50

Instrument :

BNA_G

ClientSampleId :

N48987

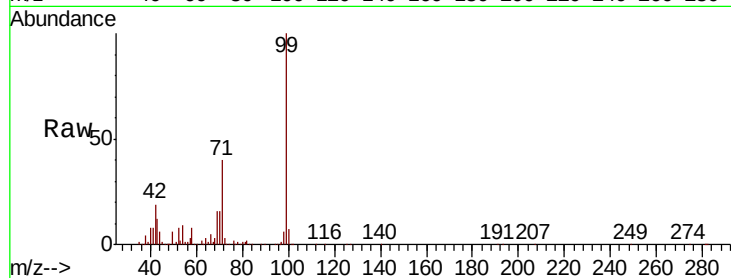
Tot Ion: 99 Resp: 330857

Ion Ratio Lower Upper

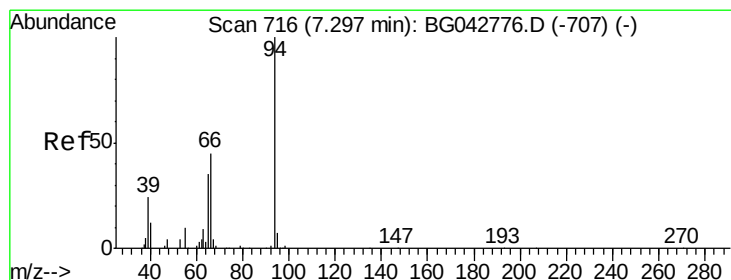
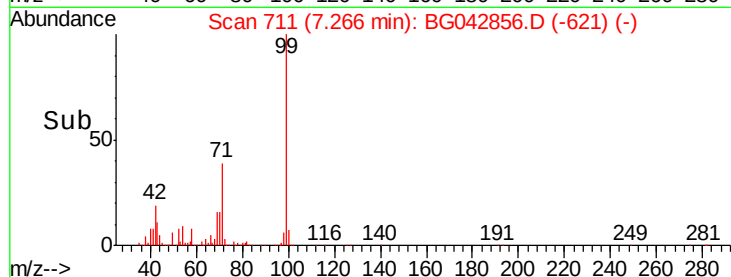
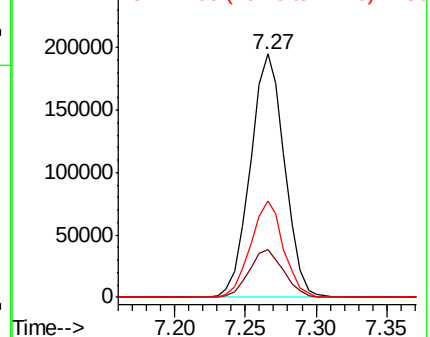
99 100

42 19.4 17.5 26.3

71 39.6 32.0 48.0



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: 2.253 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG042856.D

Acq: 16 Sep 2019 19:50

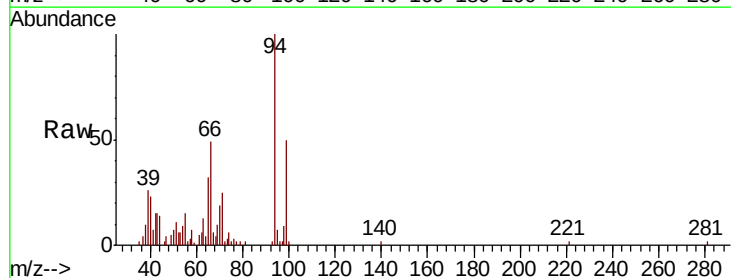
Tgt Ion: 94 Resp: 20327

Ion Ratio Lower Upper

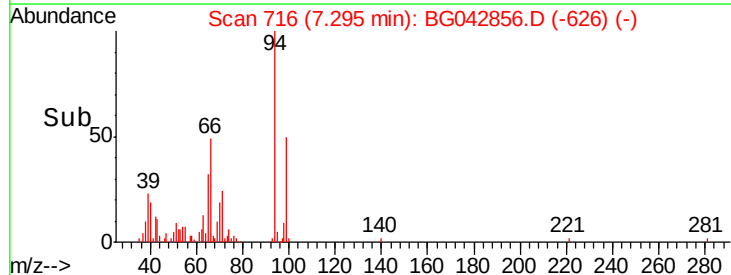
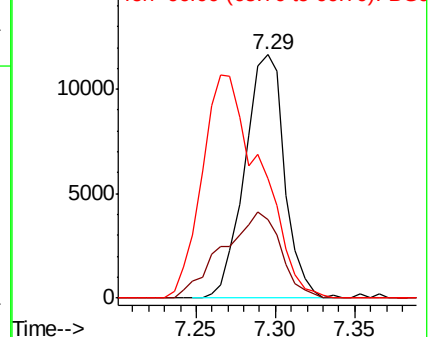
94 100

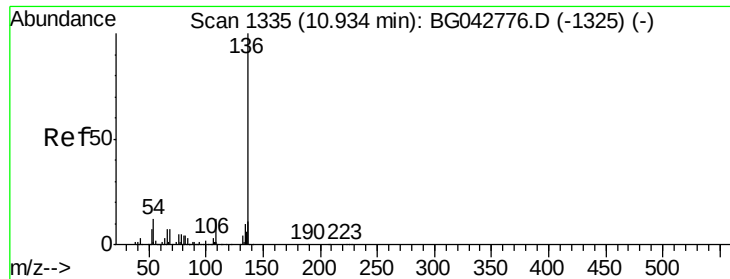
65 32.1 15.0 55.0

66 48.9 26.1 66.1



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

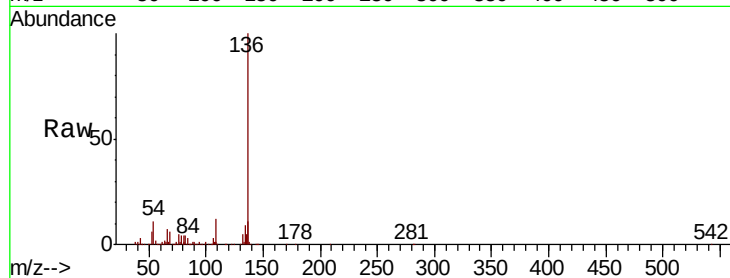




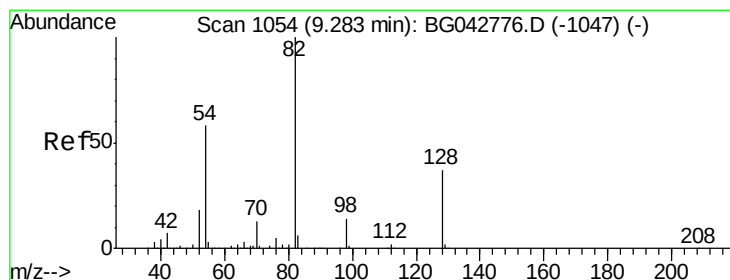
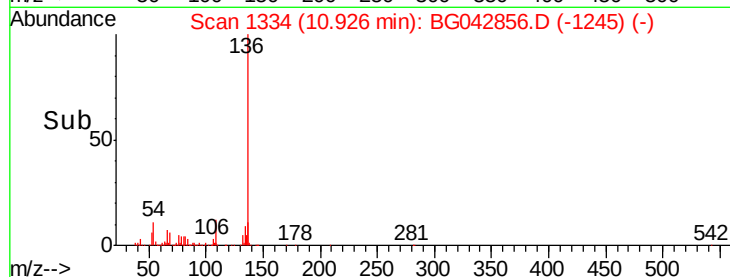
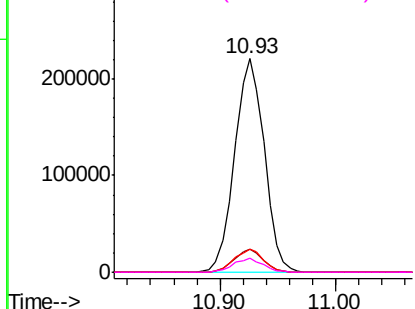
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042856.D
Acq: 16 Sep 2019 19:50

Instrument :
BNA_G
ClientSampleId :
N48987

Tot Ion:136	Resp:	392690	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	9.0	13.6	
54 11.0	9.4	14.0	
68 6.4	5.4	8.2	

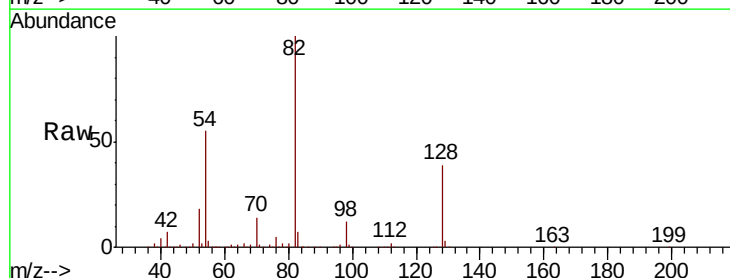


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

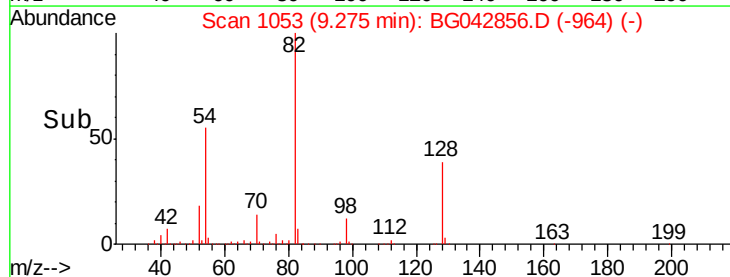
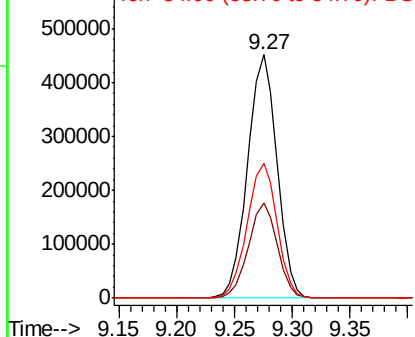


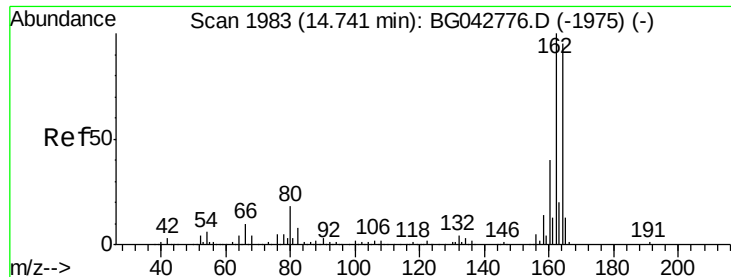
#23
Nitrobenzene-d5
Concen: 106.683 ng
RT: 9.27 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042856.D
Acq: 16 Sep 2019 19:50

Tgt	Ion: 82	Resp:	804673
Ion	Ratio	Lower	Upper
82	100		
128	39.0	29.8	44.8
54	55.3	46.1	69.1



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: 14.73 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042856.D

Acq: 16 Sep 2019 19:50

Instrument :

BNA_G

ClientSampleId :

N48987

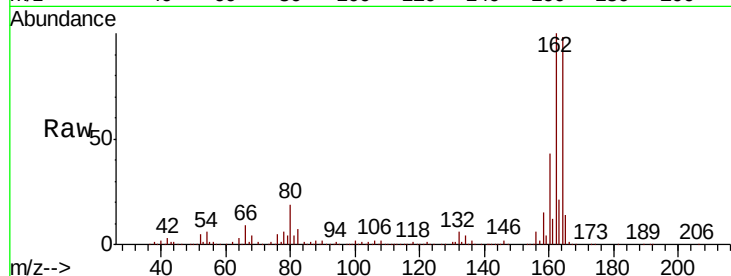
Tot Ion:164 Resp: 260077

Ion Ratio Lower Upper

164 100

162 102.5 84.6 126.8

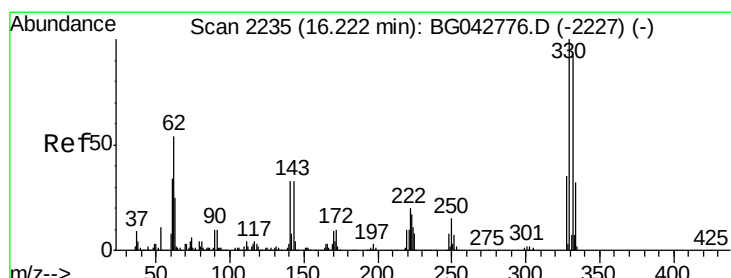
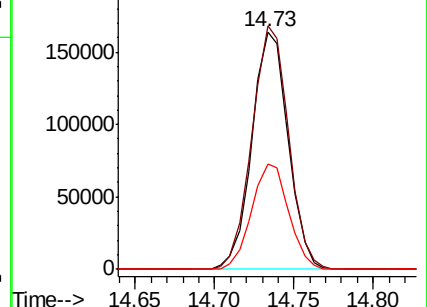
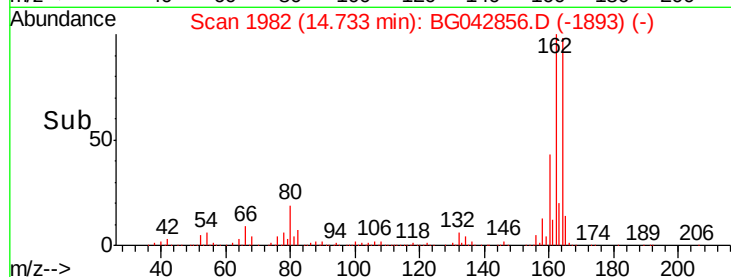
160 44.4 34.2 51.2



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: 152.828 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042856.D

Acq: 16 Sep 2019 19:50

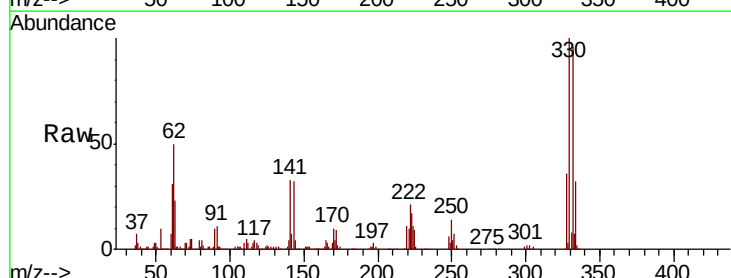
Tgt Ion:330 Resp: 528802

Ion Ratio Lower Upper

330 100

332 95.4 76.7 115.1

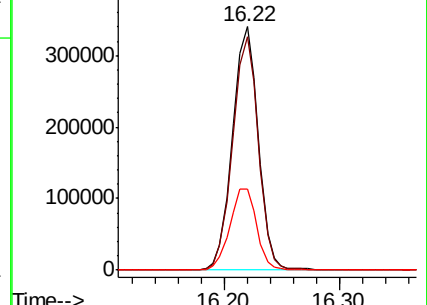
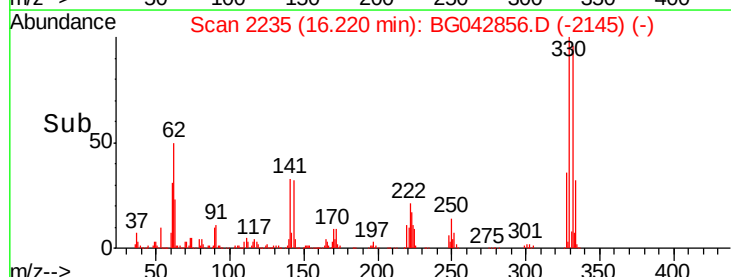
141 34.7 27.0 40.6

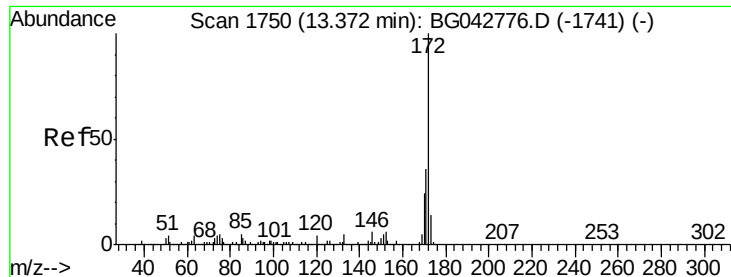


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

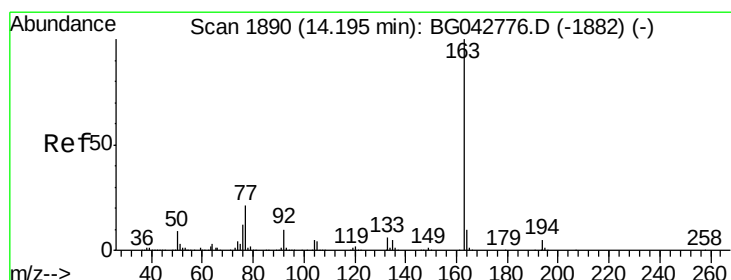
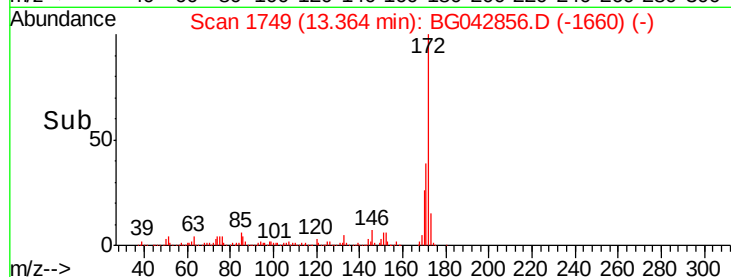
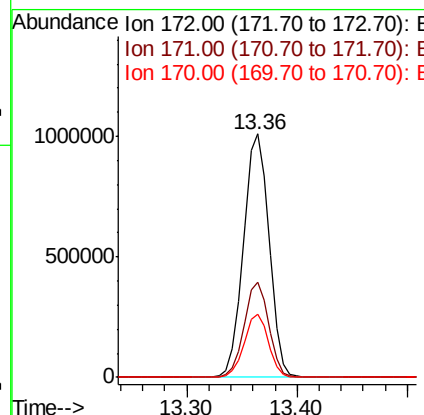
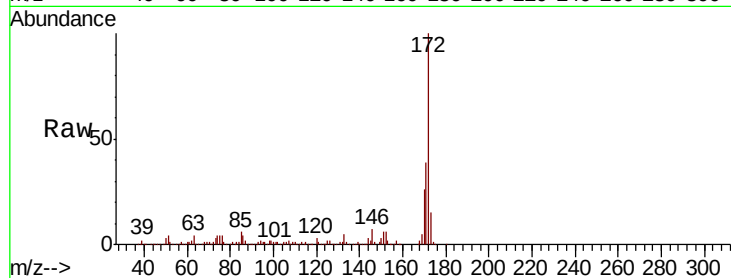




#45
2-Fluorobiphenyl
Concen: 100.419 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042856.D
Acq: 16 Sep 2019 19:50

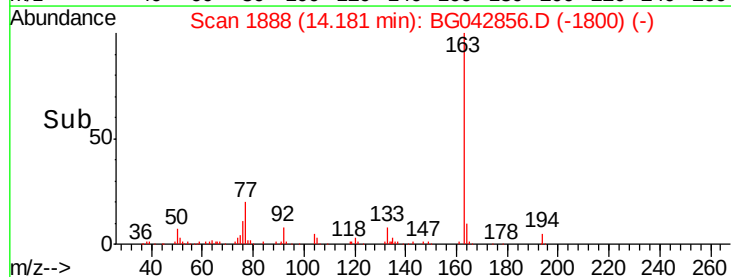
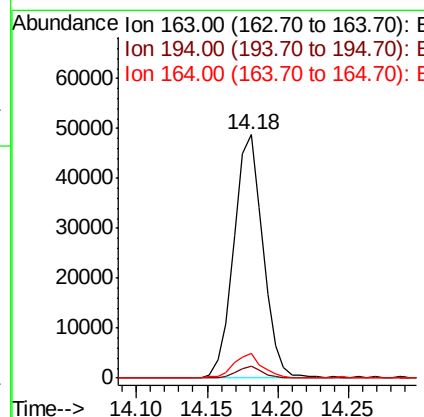
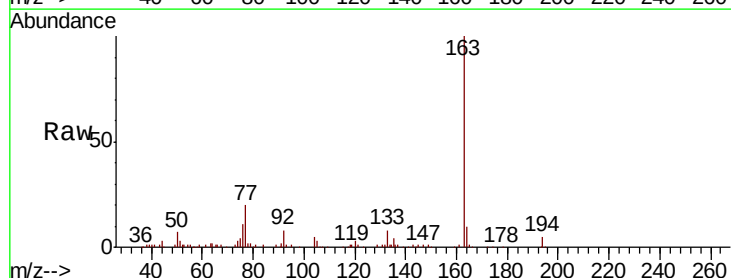
Instrument :
BNA_G
ClientSampleId :
N48987

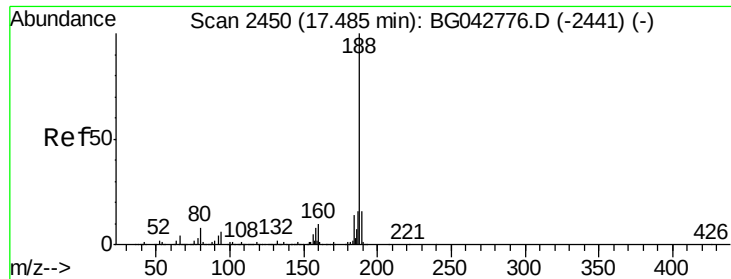
Tot Ion:172 Resp: 1649889
Ion Ratio Lower Upper
172 100
171 38.8 28.9 43.3
170 25.9 19.1 28.7



#50
Dimethylphthalate
Concen: 3.612 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG042856.D
Acq: 16 Sep 2019 19:50

Tgt Ion:163 Resp: 70370
Ion Ratio Lower Upper
163 100
194 4.7 4.2 6.4
164 10.1 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042856.D

Acq: 16 Sep 2019 19:50

Instrument :

BNA_G

ClientSampleId :

N48987

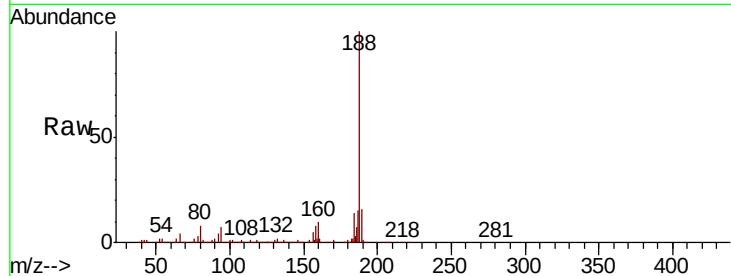
Tot Ion:188 Resp: 576941

Ion Ratio Lower Upper

188 100

94 7.0 4.8 7.2

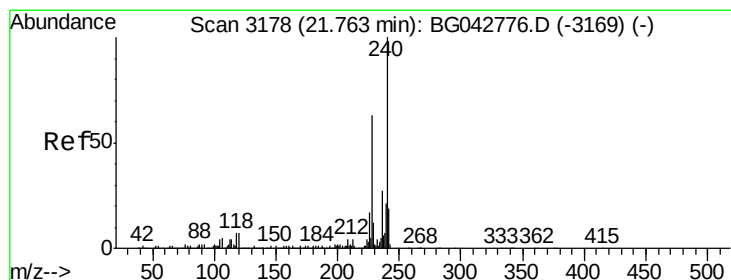
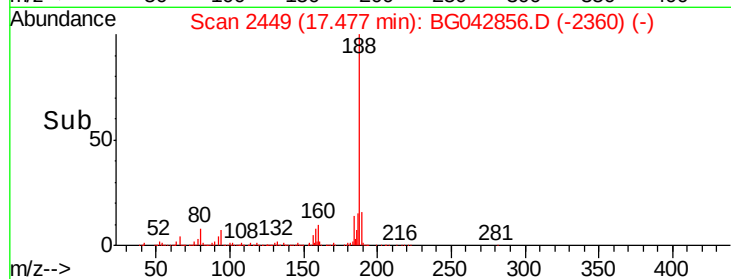
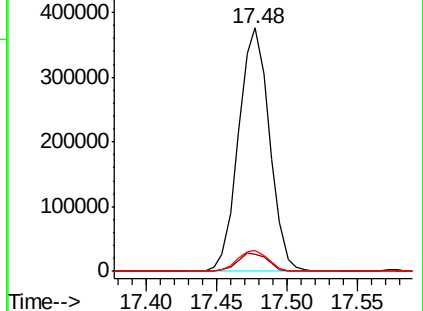
80 8.4 6.6 9.8



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: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG042856.D

Acq: 16 Sep 2019 19:50

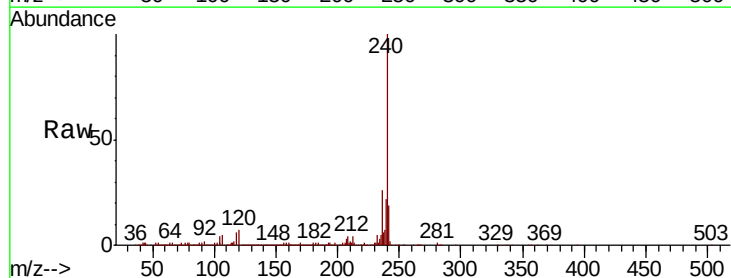
Tgt Ion:240 Resp: 570161

Ion Ratio Lower Upper

240 100

120 6.5 5.4 8.2

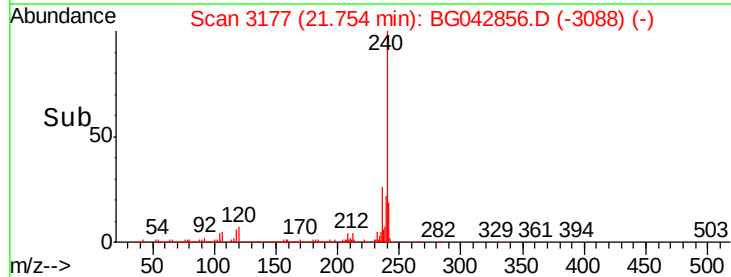
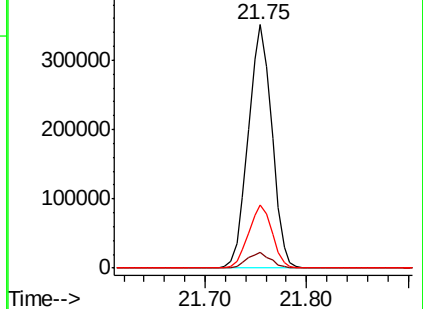
236 25.7 21.7 32.5

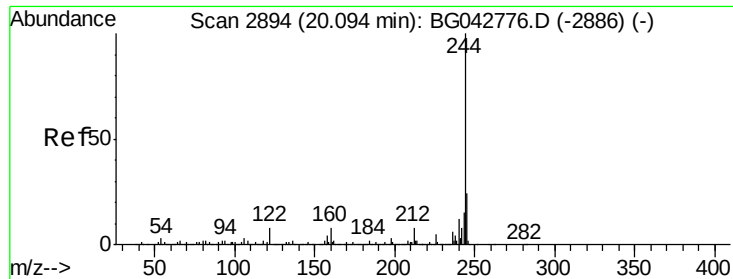


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.858 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042856.D

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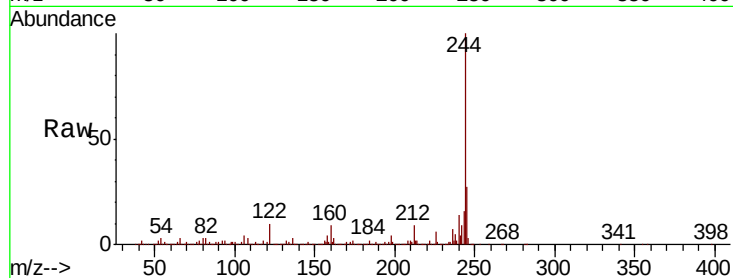
Tot Ion:244 Resp: 2440324

Ion Ratio Lower Upper

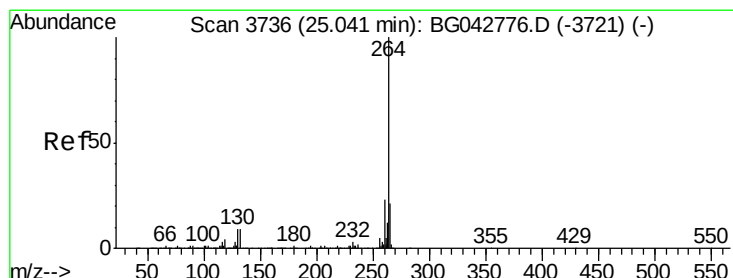
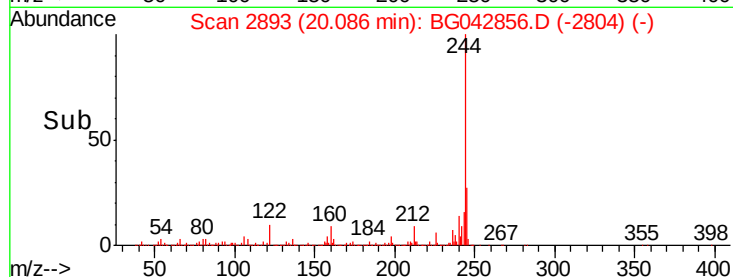
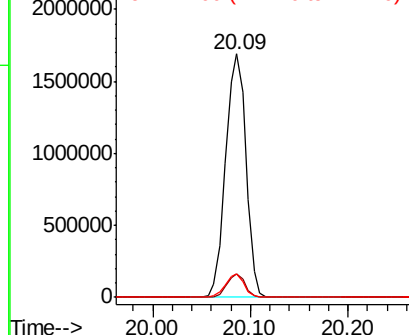
244 100

212 9.5 6.6 10.0

122 9.6 6.2 9.4#



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: 25.03 min Scan# 3734

Delta R.T. -0.01 min

Lab File: BG042856.D

Acq: 16 Sep 2019 19:50

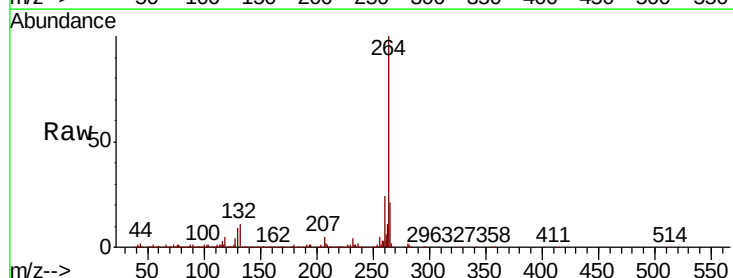
Tgt Ion:264 Resp: 632830

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.2

265 21.5 16.9 25.3



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

