

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081919\
 Data File : BG042330.D
 Acq On : 19 Aug 2019 17:18
 Operator : HP/JU
 Sample : K4277-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-19

Quant Time: Aug 20 05:49:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

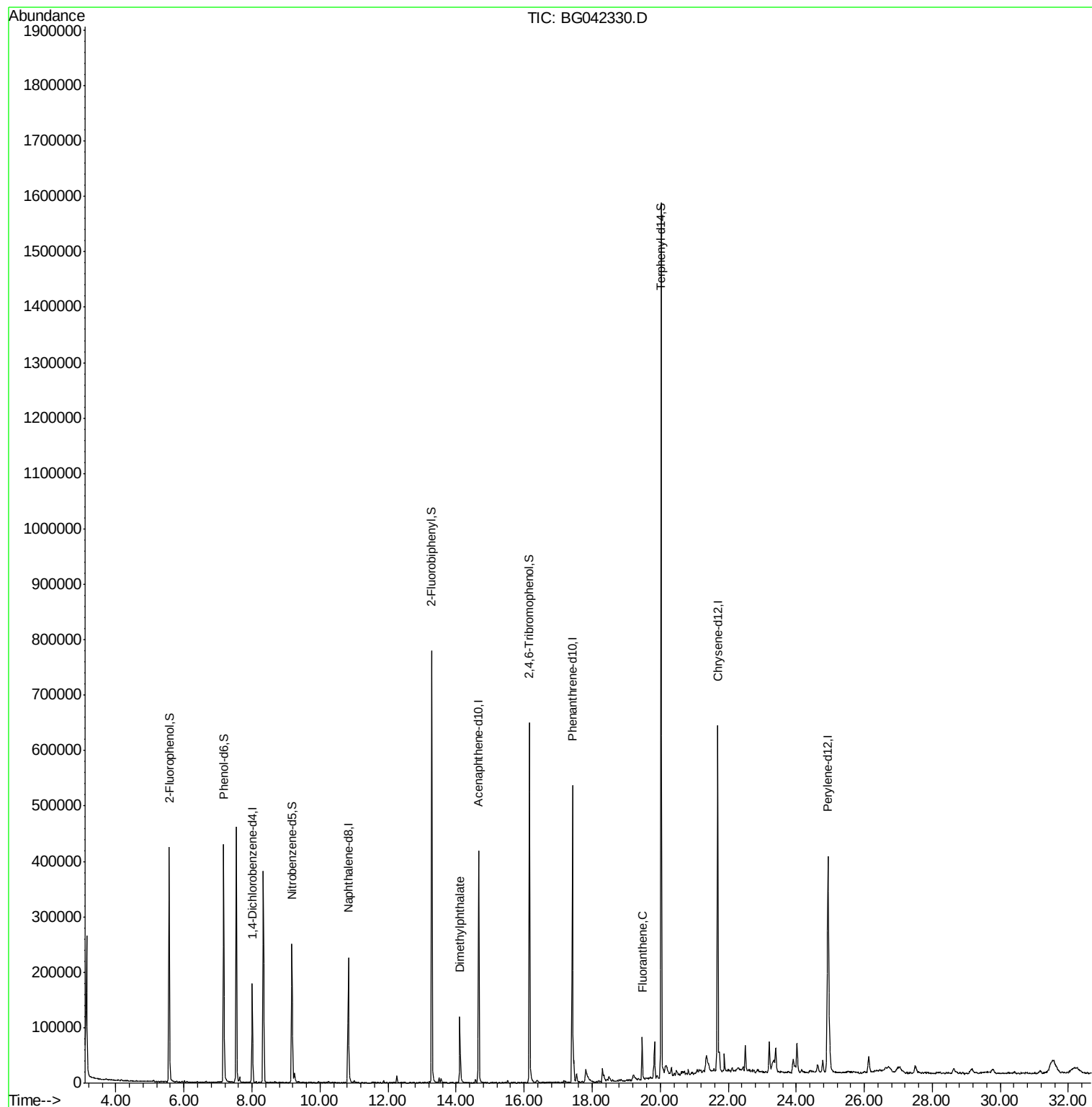
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	60931	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	231370	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	169673	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	382675	20.00	ng	0.00
76) Chrysene-d12	21.69	240	397576	20.00	ng	0.00
87) Perylene-d12	24.93	264	463824	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	225306	74.92	ng	0.00
7) Phenol-d6	7.17	99	303020	74.19	ng	0.00
23) Nitrobenzene-d5	9.17	82	171056	52.00	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	168174	72.77	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	491470	49.01	ng	0.00
79) Terphenyl-d14	20.03	244	809539	44.60	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	117412	9.738	ng	99
75) Fluoranthene	19.47	202	52049	2.265	ng	97

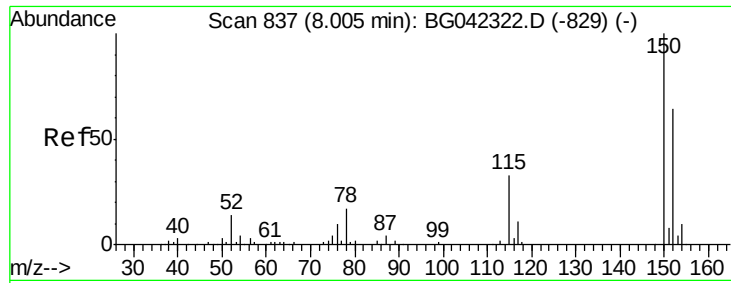
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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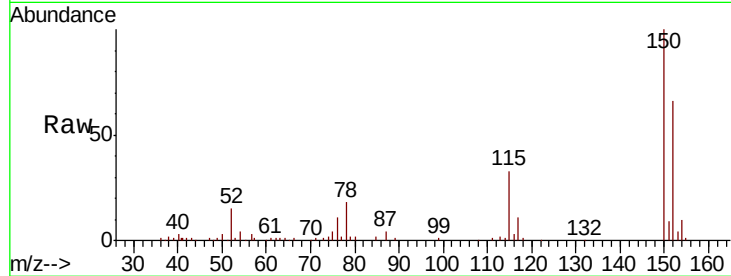


#1

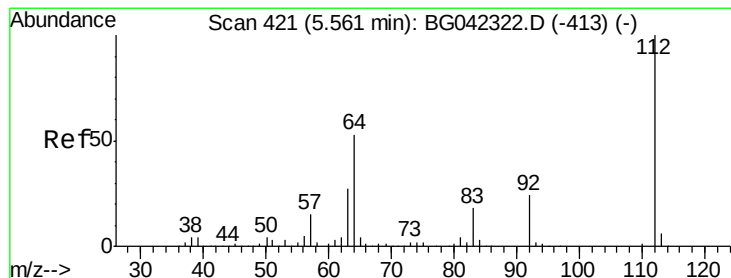
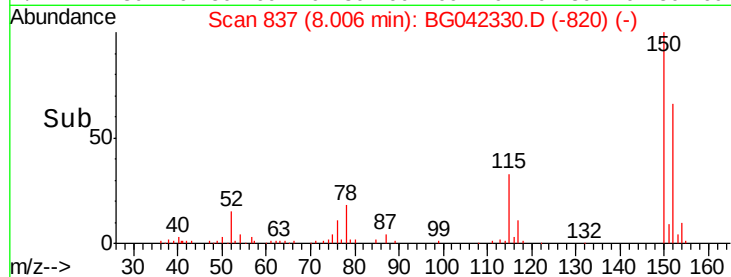
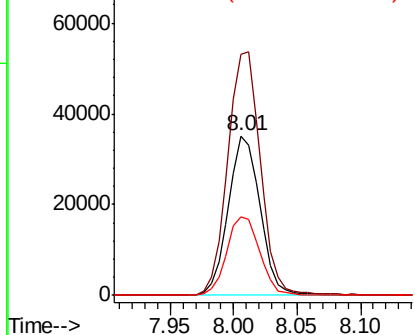
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042330.D
Acq: 19 Aug 2019 17:18

Instrument :
BNA_F
ClientSampleId :
TP-19

Tgt Ion:152 Resp: 60931
Ion Ratio Lower Upper
152 100
150 151.4 124.3 186.5
115 49.6 40.5 60.7



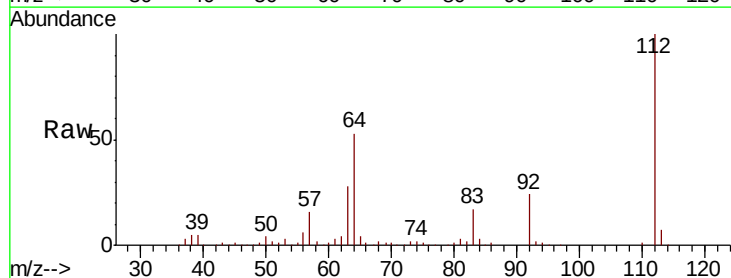
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



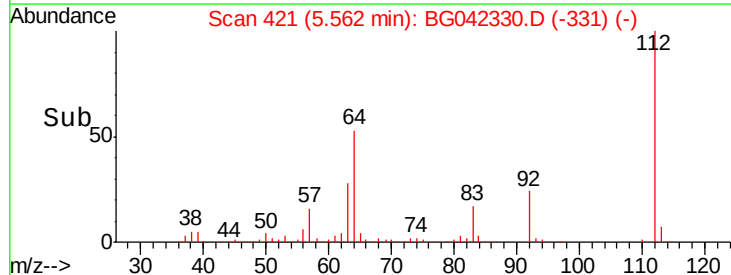
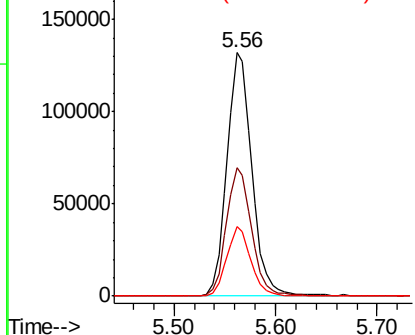
#5

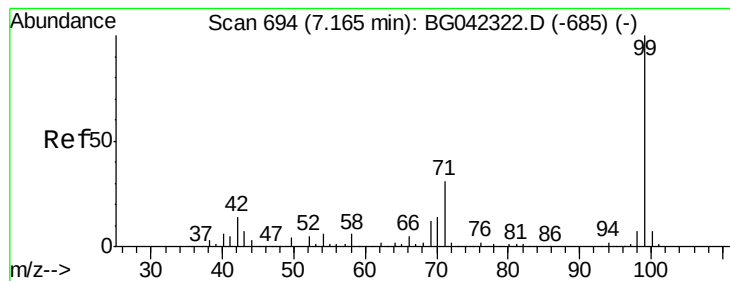
2-Fluorophenol
Concen: 74.919 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042330.D
Acq: 19 Aug 2019 17:18

Tgt Ion:112 Resp: 225306
Ion Ratio Lower Upper
112 100
64 52.9 42.5 63.7
63 28.5 21.7 32.5



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: 74.192 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG042330.D

Acq: 19 Aug 2019 17:18

Instrument :

BNA_F

ClientSampleId :

TP-19

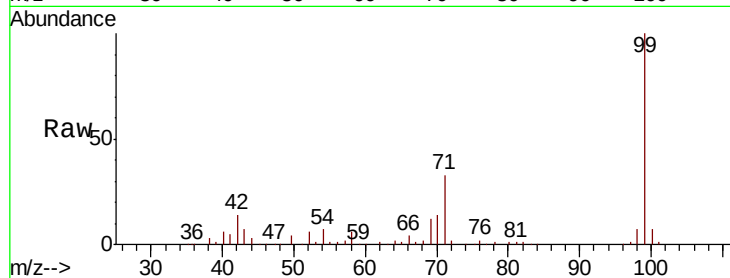
Tgt Ion: 99 Resp: 303020

Ion Ratio Lower Upper

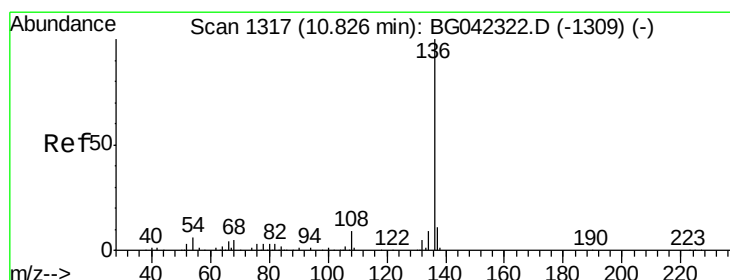
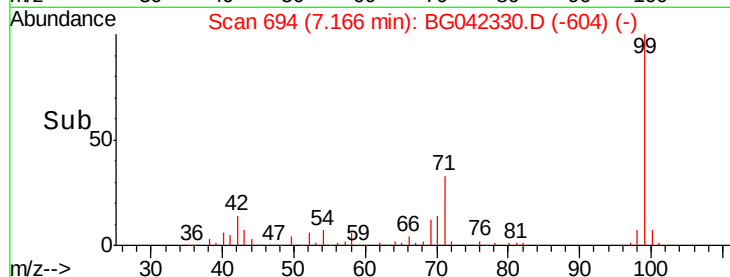
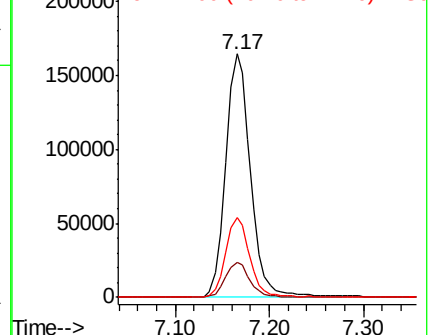
99 100

42 14.2 11.4 17.0

71 32.8 25.1 37.7



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: 10.83 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BG042330.D

Acq: 19 Aug 2019 17:18

Tgt Ion: 136 Resp: 231370

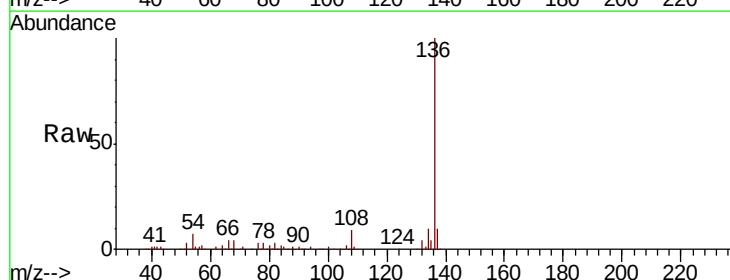
Ion Ratio Lower Upper

136 100

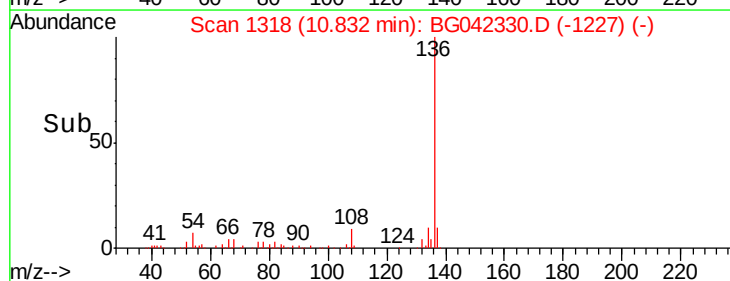
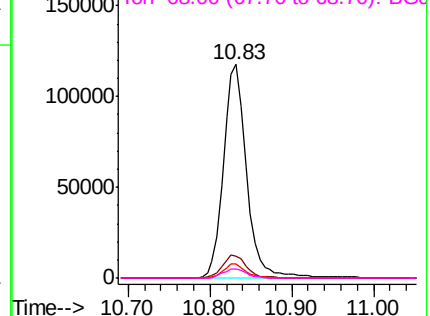
137 10.1 8.4 12.6

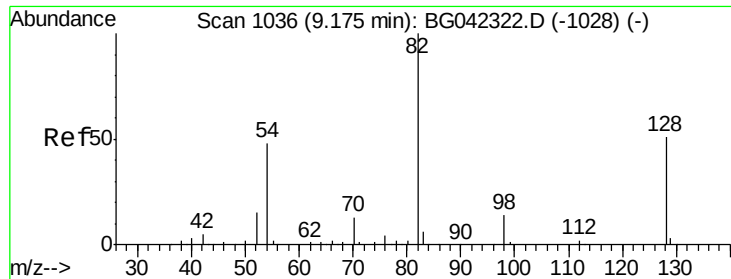
54 6.6 5.0 7.4

68 4.4 3.8 5.8



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

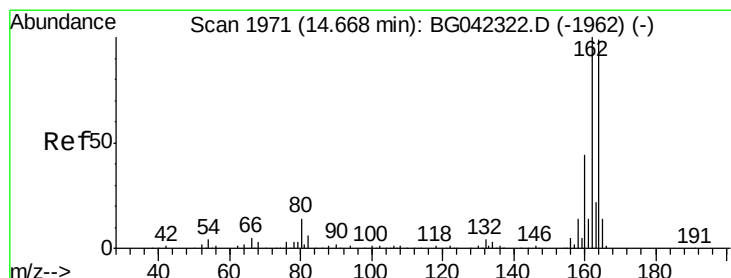
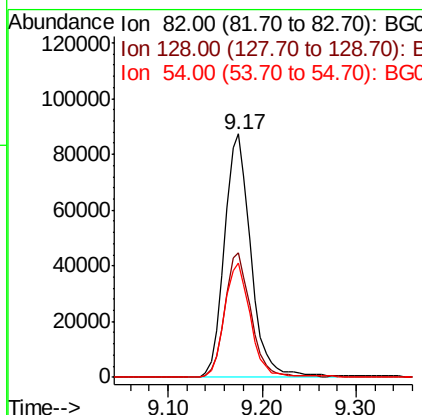
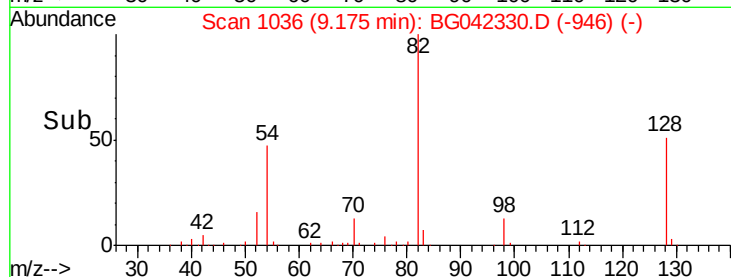
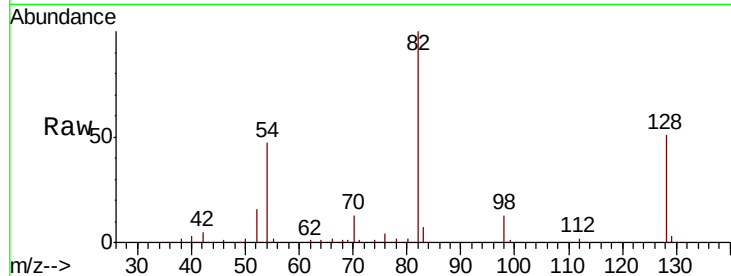




#23
Nitrobenzene-d5
Concen: 51.998 ng
RT: 9.17 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG042330.D
Acq: 19 Aug 2019 17:18

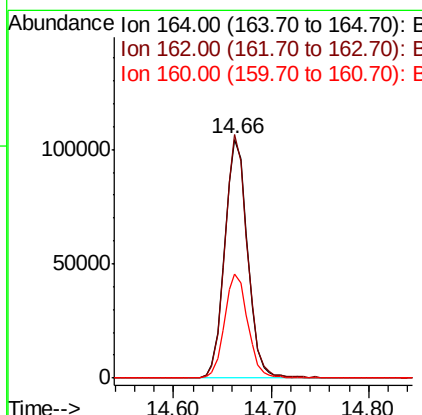
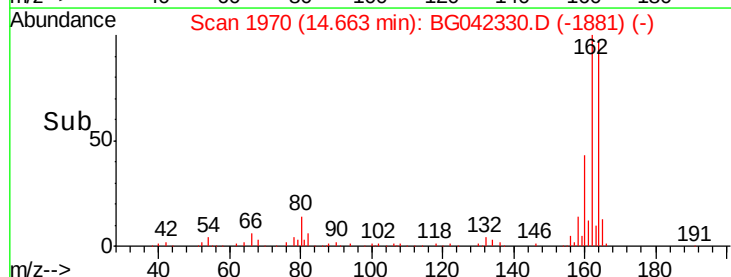
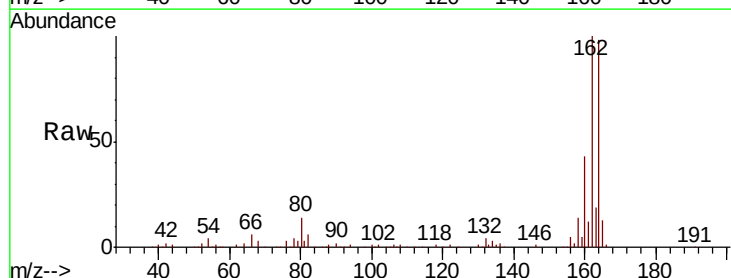
Instrument :
BNA_F
ClientSampleId :
TP-19

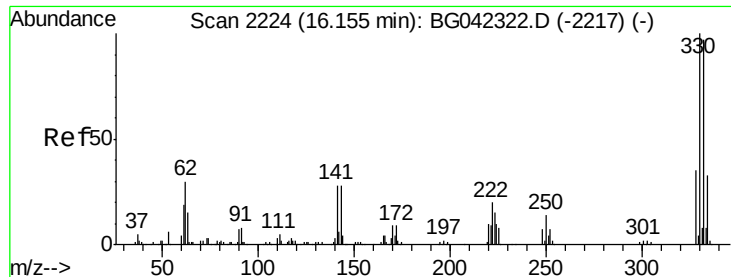
Tgt Ion: 82 Resp: 171056
Ion Ratio Lower Upper
82 100
128 51.3 41.0 61.4
54 47.1 38.0 57.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG042330.D
Acq: 19 Aug 2019 17:18

Tgt Ion: 164 Resp: 169673
Ion Ratio Lower Upper
164 100
162 102.0 80.6 120.8
160 43.5 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 72.774 ng

RT: 16.16 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BG042330.D

Acq: 19 Aug 2019 17:18

Instrument :

BNA_F

ClientSampleId :

TP-19

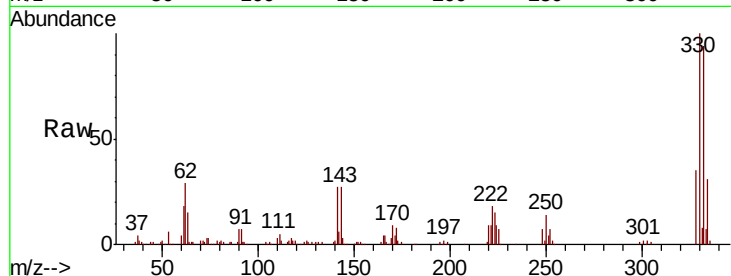
Tgt Ion:330 Resp: 168174

Ion Ratio Lower Upper

330 100

332 95.4 76.9 115.3

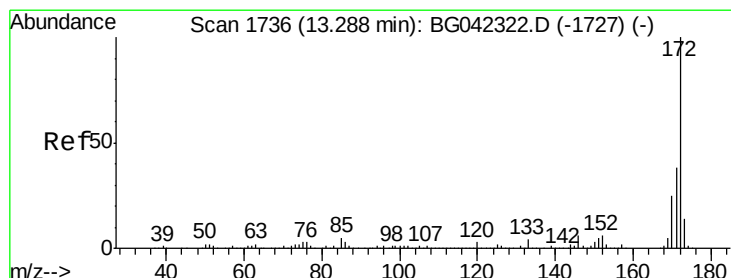
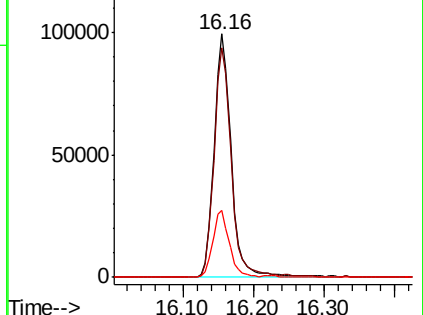
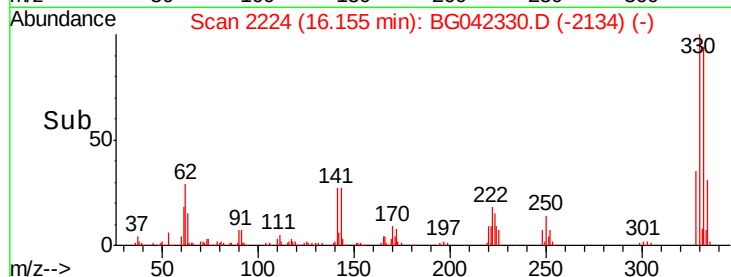
141 27.2 21.8 32.6



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: 49.015 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG042330.D

Acq: 19 Aug 2019 17:18

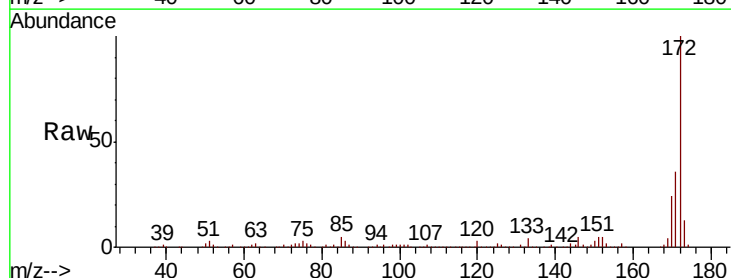
Tgt Ion:172 Resp: 491470

Ion Ratio Lower Upper

172 100

171 36.0 30.3 45.5

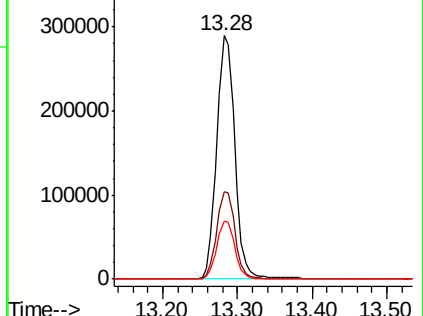
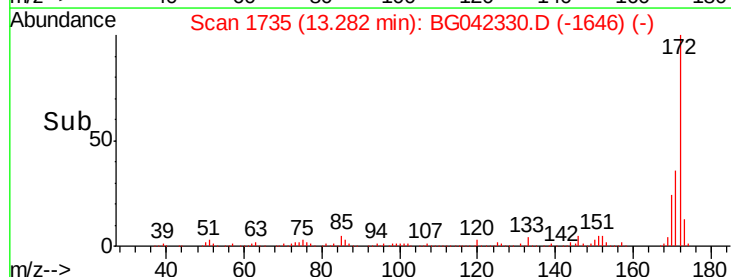
170 23.6 20.0 30.0

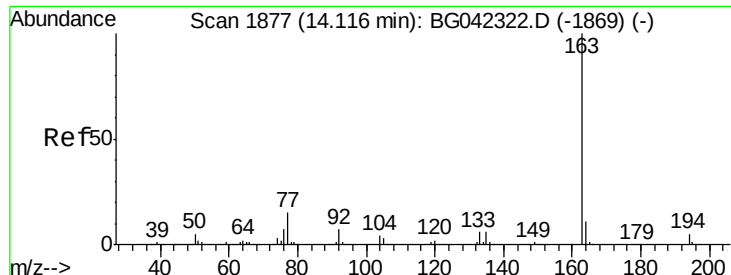


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 9.738 ng

RT: 14.12 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BG042330.D

Acq: 19 Aug 2019 17:18

Instrument :

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ClientSampleId :

TP-19

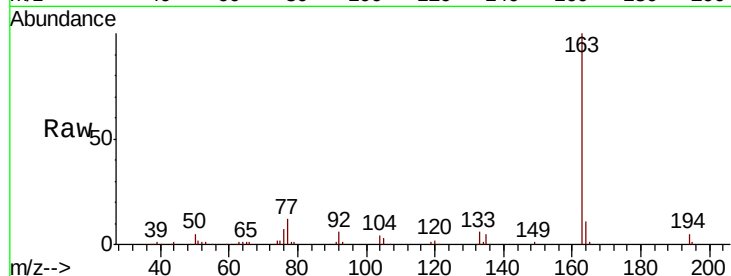
Tgt Ion:163 Resp: 117412

Ion Ratio Lower Upper

163 100

194 5.0 4.2 6.2

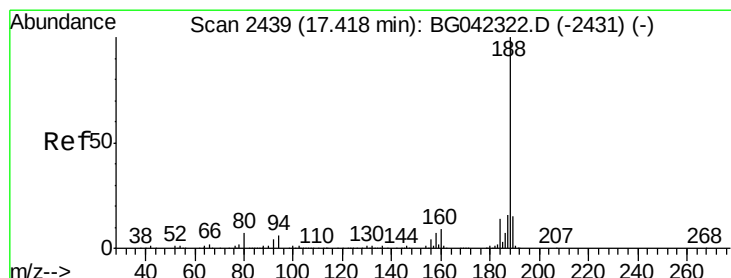
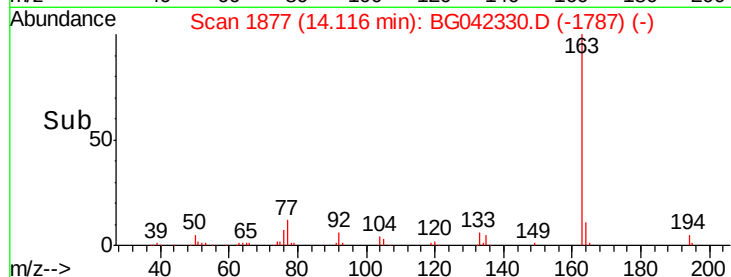
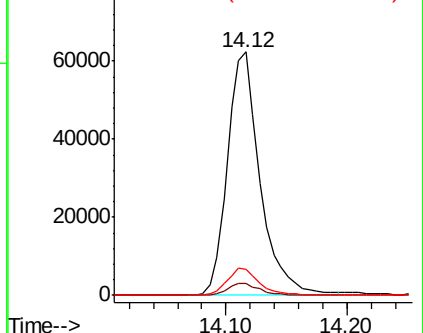
164 10.8 8.8 13.2



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: 17.42 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG042330.D

Acq: 19 Aug 2019 17:18

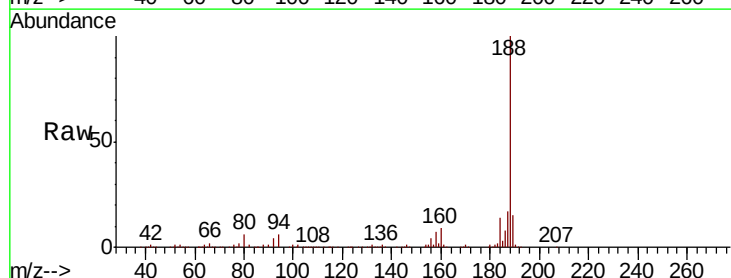
Tgt Ion:188 Resp: 382675

Ion Ratio Lower Upper

188 100

94 5.6 4.9 7.3

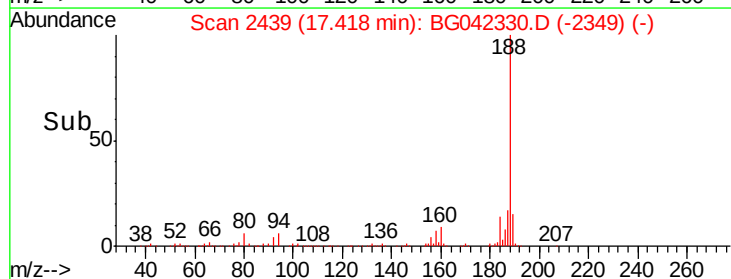
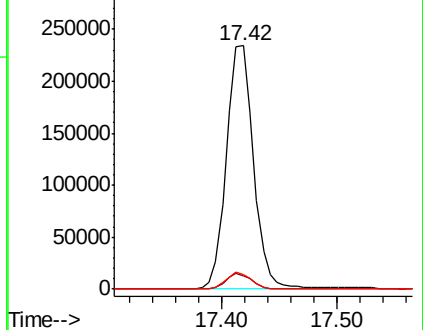
80 6.1 5.4 8.0

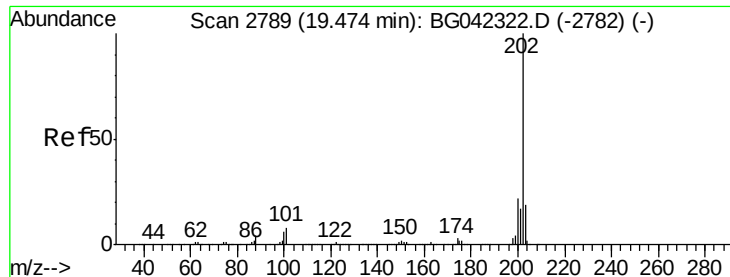


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Fluoranthene

Concen: 2.265 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG042330.D

Acq: 19 Aug 2019 17:18

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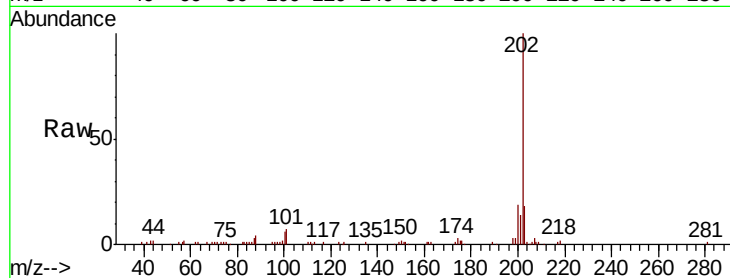
Tgt Ion:202 Resp: 52049

Ion Ratio Lower Upper

202 100

101 6.7 0.0 28.0

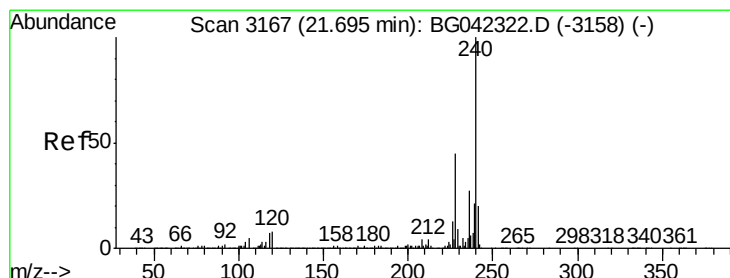
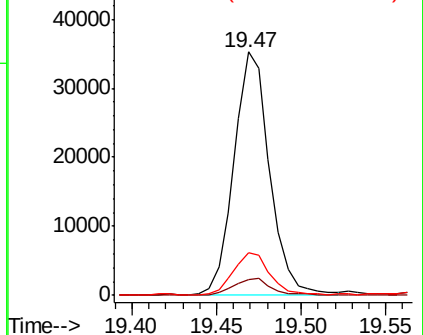
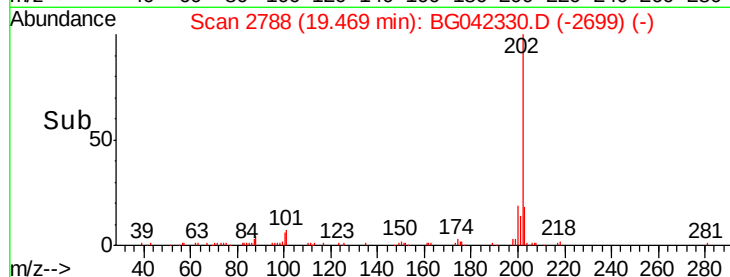
203 17.7 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042330.D

Acq: 19 Aug 2019 17:18

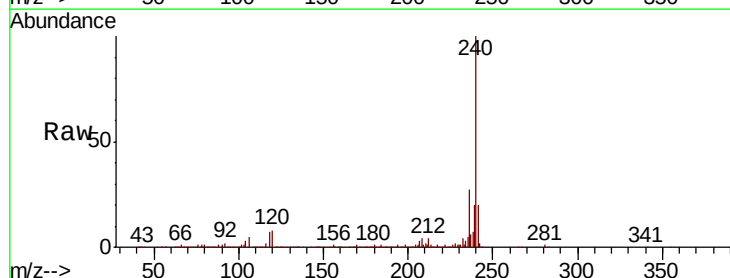
Tgt Ion:240 Resp: 397576

Ion Ratio Lower Upper

240 100

120 7.7 6.0 9.0

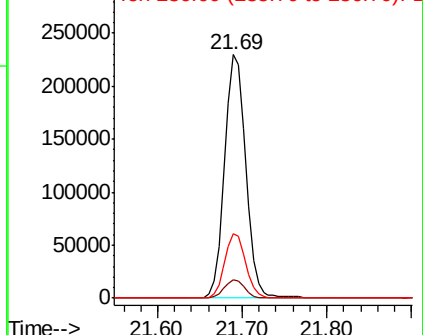
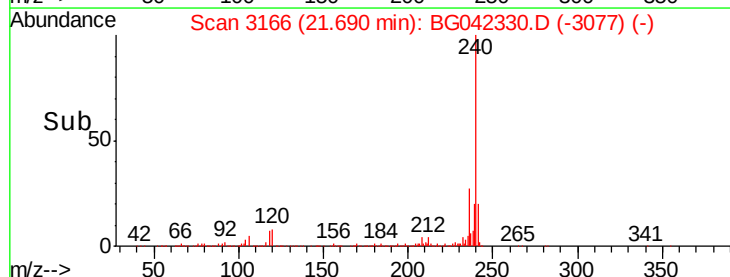
236 26.5 21.6 32.4

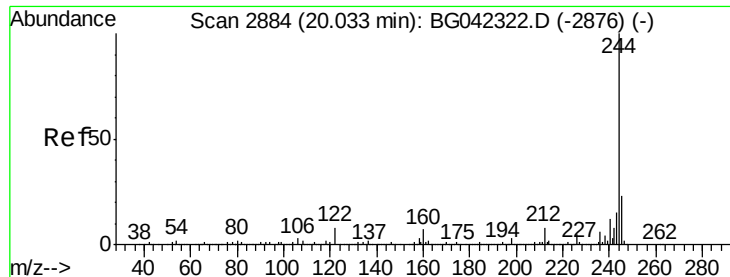


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 44.598 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG042330.D

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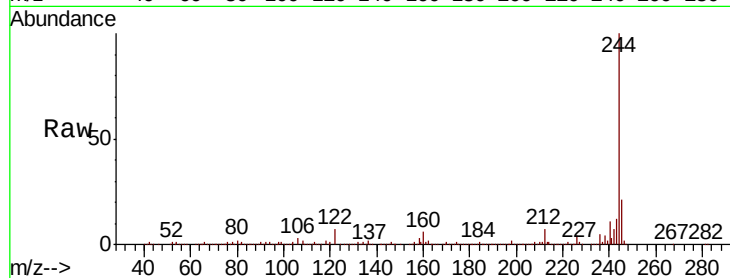
Tgt Ion:244 Resp: 809539

Ion Ratio Lower Upper

244 100

212 7.0 6.4 9.6

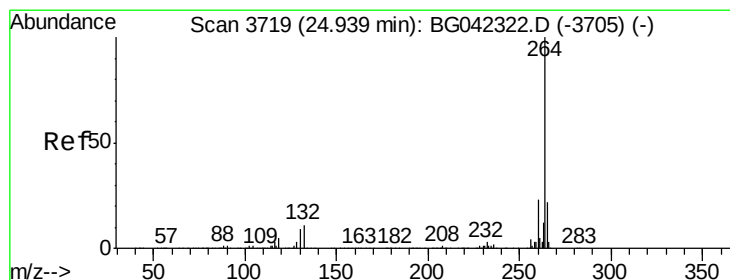
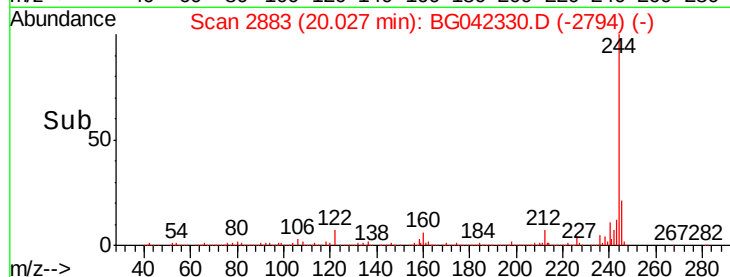
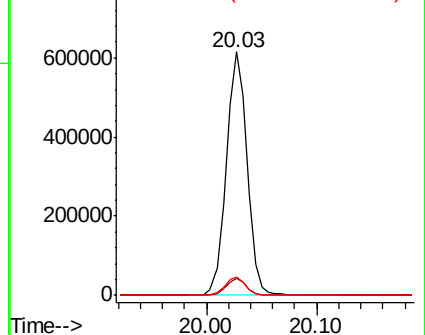
122 7.5 6.6 10.0



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# 3718

Delta R.T. -0.01 min

Lab File: BG042330.D

Acq: 19 Aug 2019 17:18

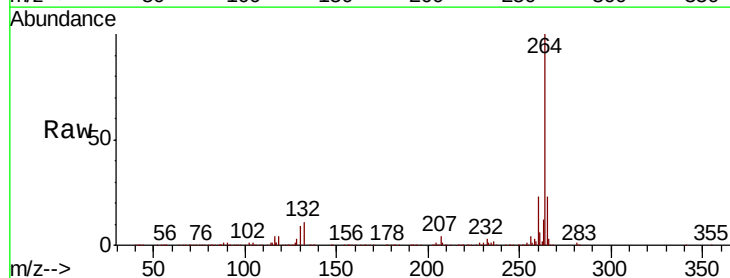
Tgt Ion:264 Resp: 463824

Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 22.9 17.4 26.0



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

