

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
 Data File : BG042375.D
 Acq On : 21 Aug 2019 2:21
 Operator : HP/JU
 Sample : K4383-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1359

Quant Time: Aug 21 05:56:16 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

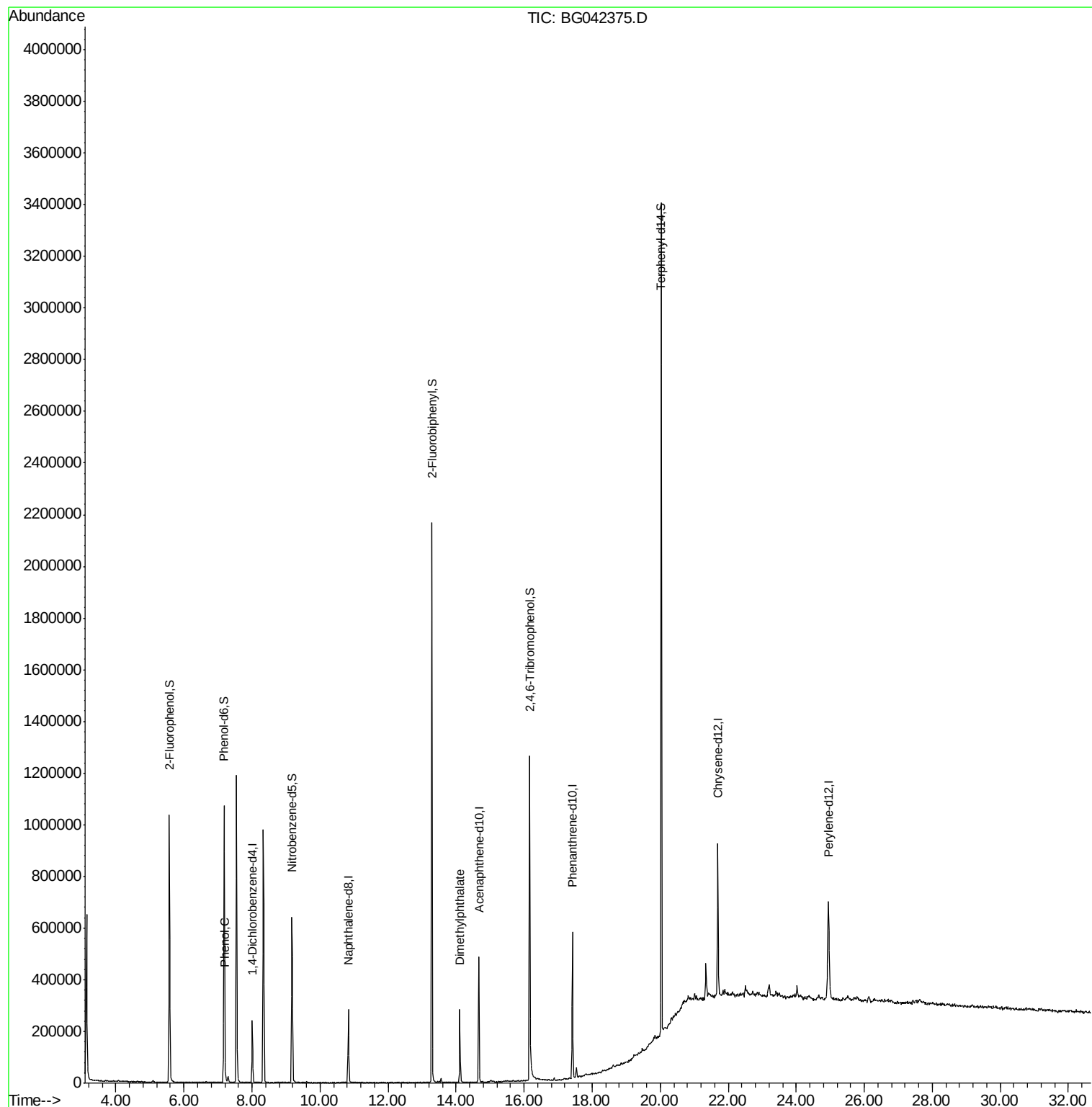
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	78399	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	292071	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	196629	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	392120	20.00	ng	0.00
76) Chrysene-d12	21.70	240	383182	20.00	ng	0.00
87) Perylene-d12	24.95	264	474075	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	544972	140.84	ng	0.01
7) Phenol-d6	7.18	99	729579	138.83	ng	0.02
23) Nitrobenzene-d5	9.18	82	420247	101.20	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	369502	137.97	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1205939	103.78	ng	0.00
79) Terphenyl-d14	20.03	244	1606670	91.84	ng	0.00
Target Compounds						
10) Phenol	7.21	94	19389	3.629	ng	80
50) Dimethylphthalate	14.11	163	226184	16.188	ng	99

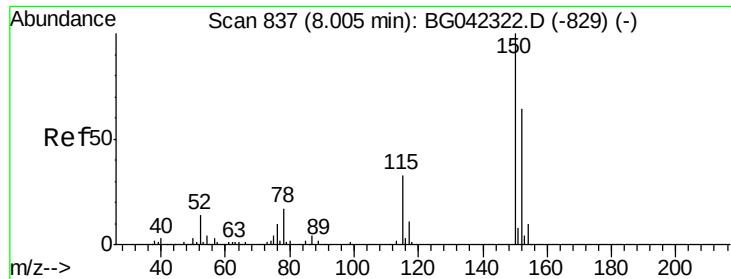
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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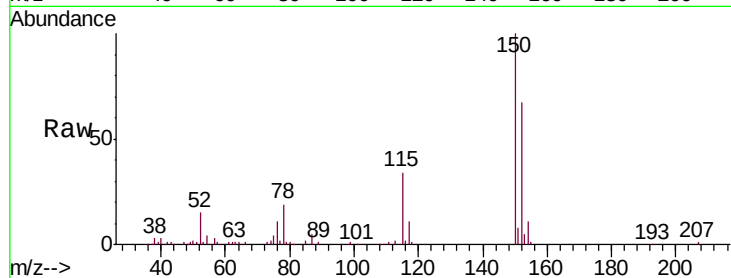


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 838
 Delta R.T. 0.01 min
 Lab File: BG042375.D
 Acq: 21 Aug 2019 2:21

Instrument :
 BNA_G
 ClientSampleId :
 TP-1359

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.8	124.3	186.5
115	51.3	40.5	60.7

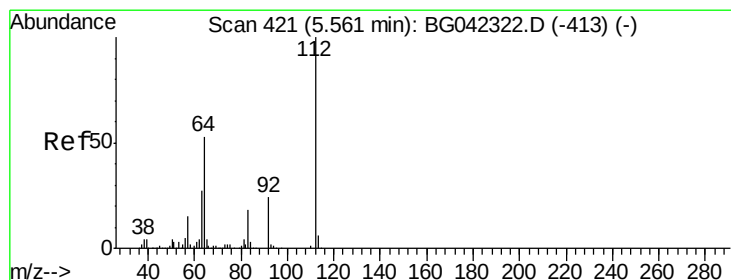
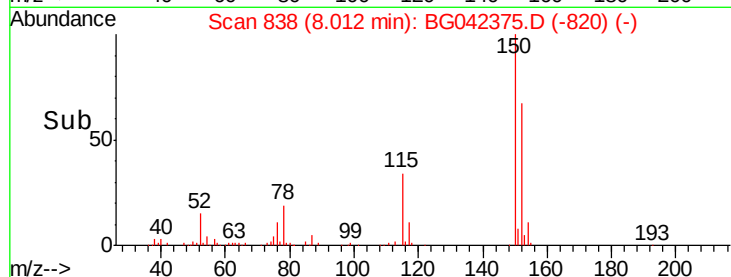
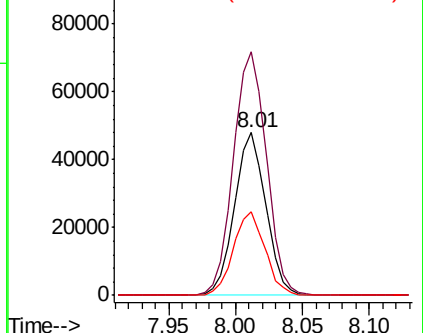


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

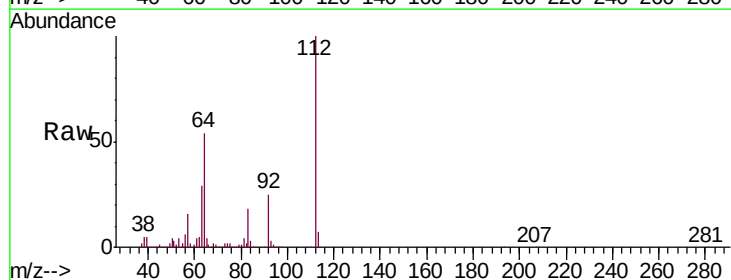
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 140.839 ng
 RT: 5.57 min Scan# 423
 Delta R.T. 0.01 min
 Lab File: BG042375.D
 Acq: 21 Aug 2019 2:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	42.5	63.7
63	29.0	21.7	32.5

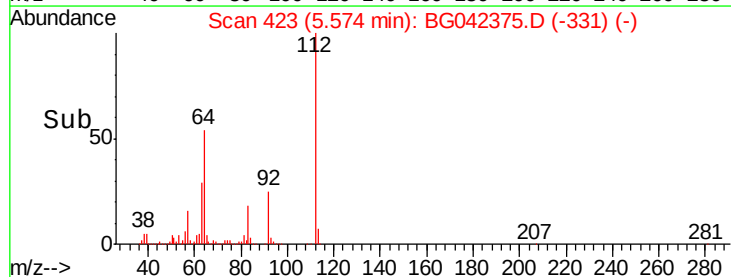
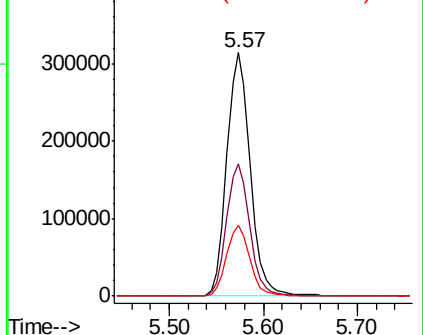


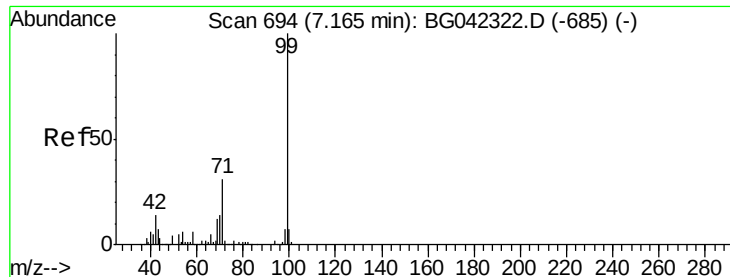
Abundance

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: 138.830 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.02 min

Lab File: BG042375.D

Acq: 21 Aug 2019 2:21

Instrument :

BNA_G

ClientSampleId :

TP-1359

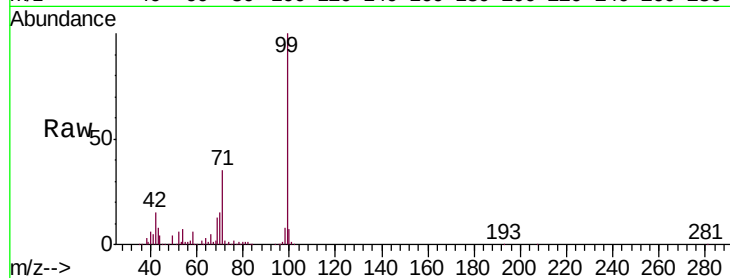
Tot Ion: 99 Resp: 729579

Ion Ratio Lower Upper

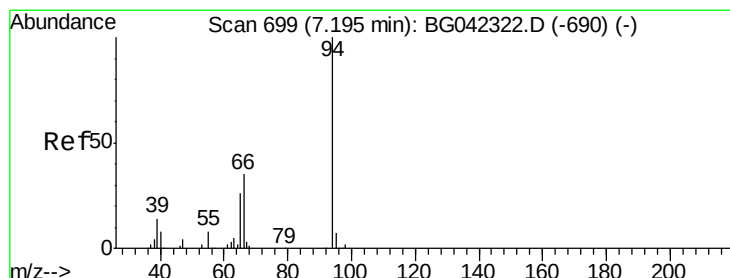
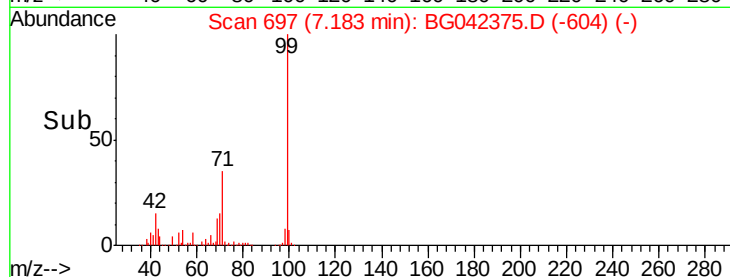
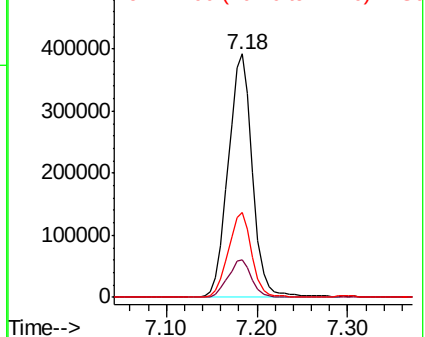
99 100

42 15.2 11.4 17.0

71 34.6 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



#10

Phenol

Concen: 3.629 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG042375.D

Acq: 21 Aug 2019 2:21

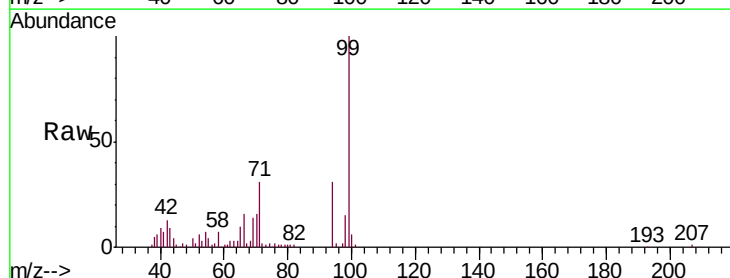
Tgt Ion: 94 Resp: 19389

Ion Ratio Lower Upper

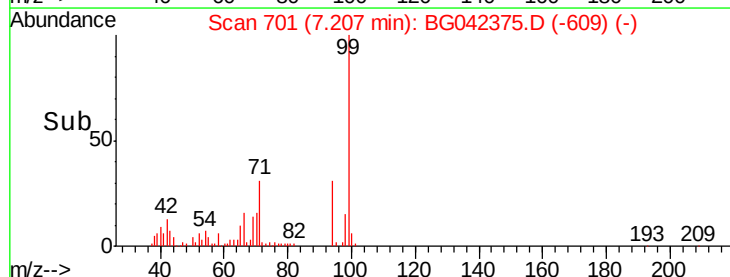
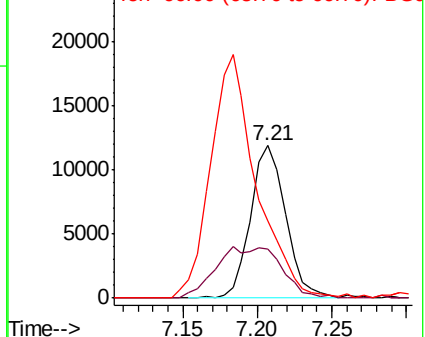
94 100

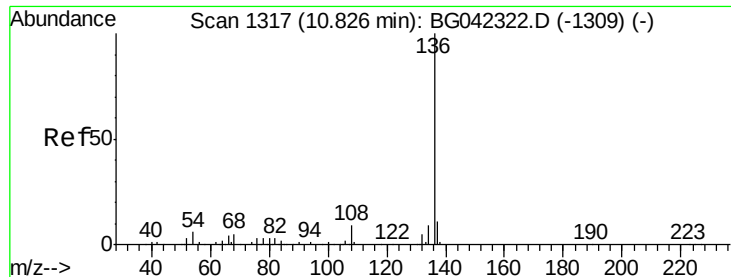
65 32.2 6.1 46.1

66 50.8 15.7 55.7



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: 10.83 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BG042375.D

Acq: 21 Aug 2019 2:21

Instrument :

BNA_G

ClientSampleId :

TP-1359

Tot Ion:136 Resp: 292071

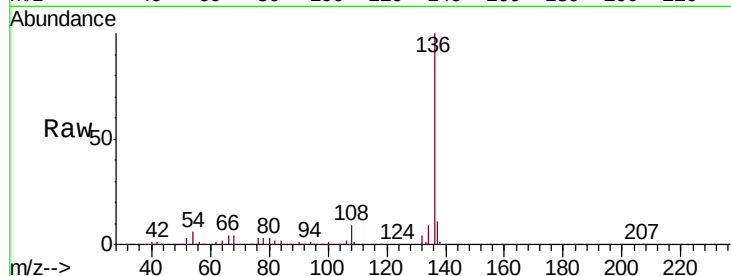
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 6.2 5.0 7.4

68 4.3 3.8 5.8

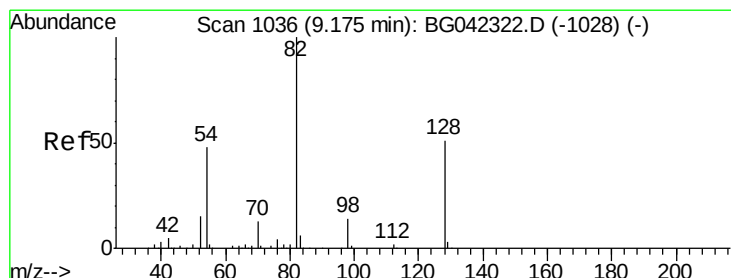
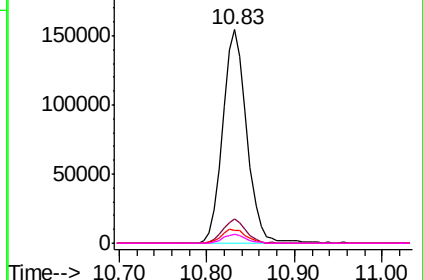
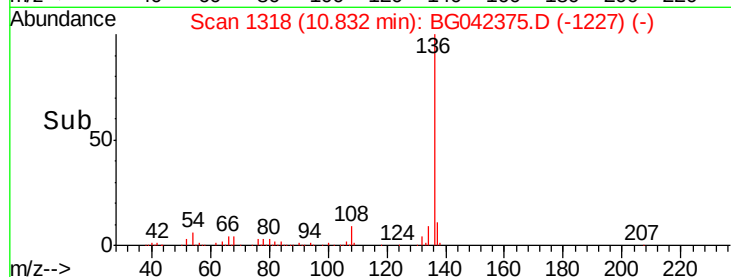


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#23

Nitrobenzene-d5

Concen: 101.199 ng

RT: 9.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BG042375.D

Acq: 21 Aug 2019 2:21

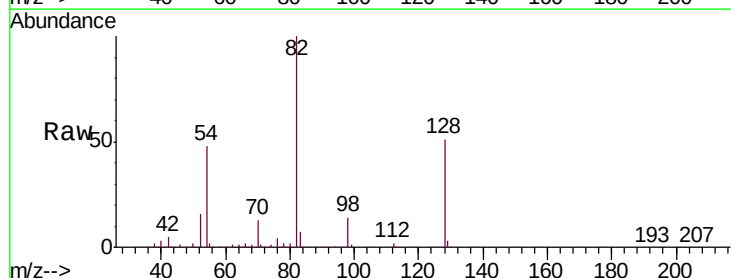
Tgt Ion: 82 Resp: 420247

Ion Ratio Lower Upper

82 100

128 50.7 41.0 61.4

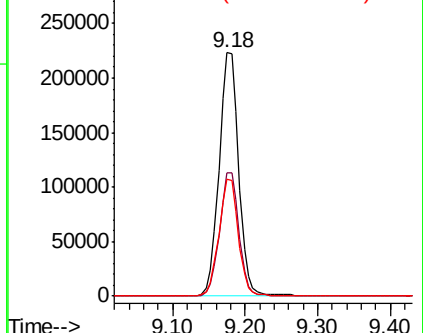
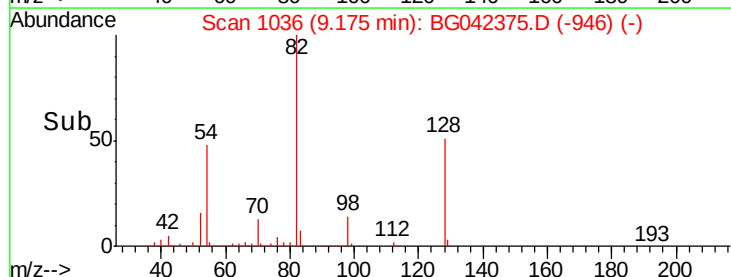
54 47.9 38.0 57.0

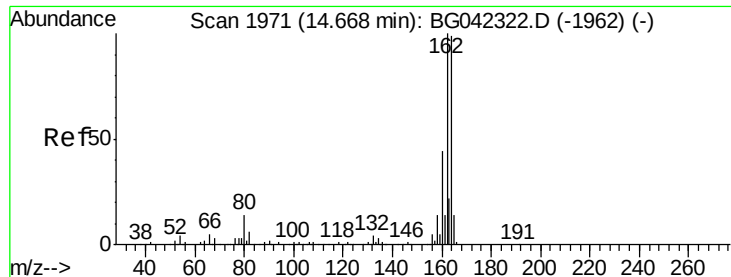


Abundance Ion 82.00 (81.70 to 82.70): BG

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BG

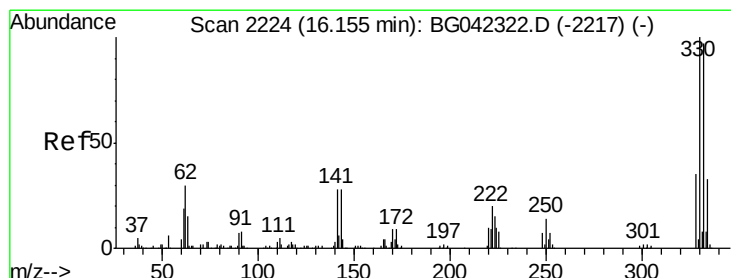
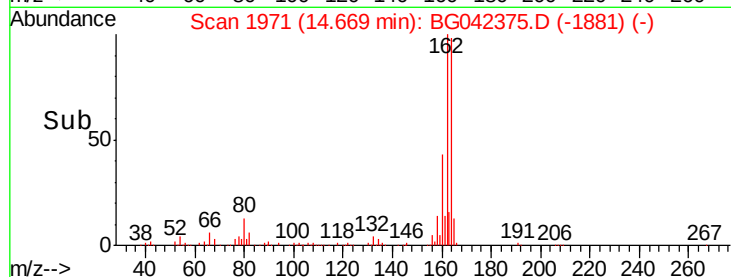
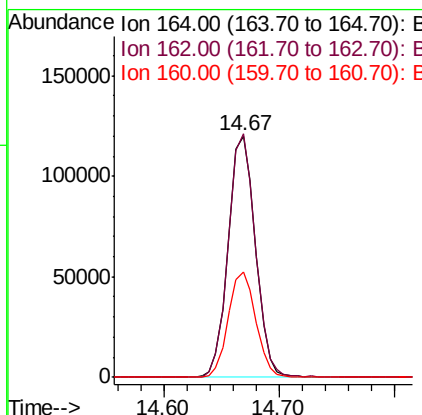
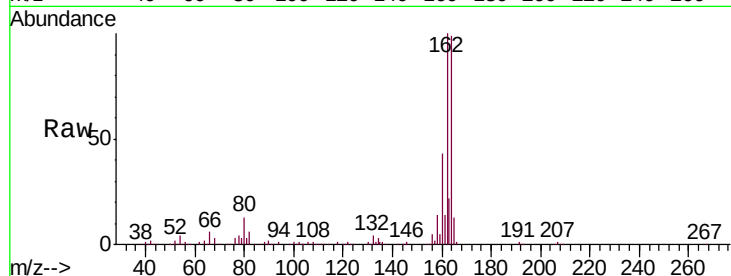




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG042375.D
Acq: 21 Aug 2019 2:21

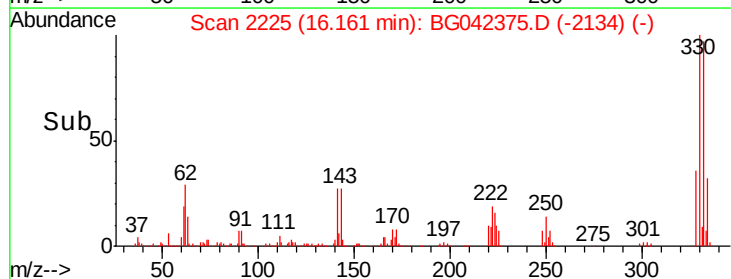
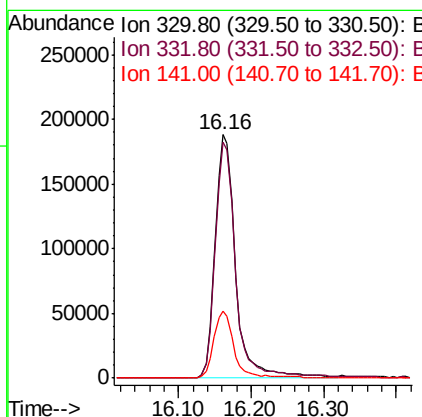
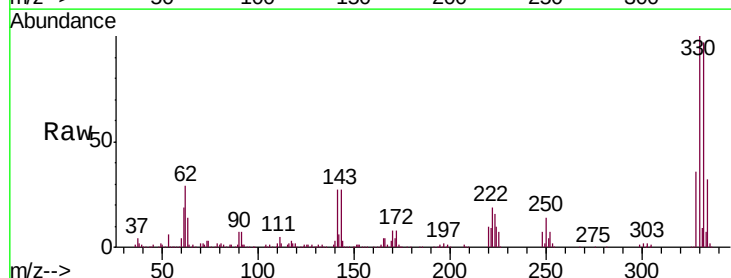
Instrument :
BNA_G
ClientSampleId :
TP-1359

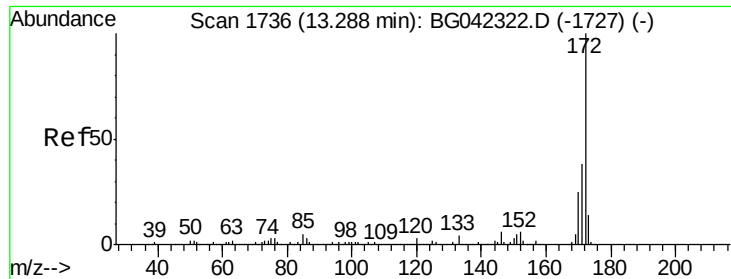
Tot Ion:164 Resp: 196629
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 43.7 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 137.975 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BG042375.D
Acq: 21 Aug 2019 2:21

Tgt Ion:330 Resp: 369502
Ion Ratio Lower Upper
330 100
332 98.5 76.9 115.3
141 27.3 21.8 32.6

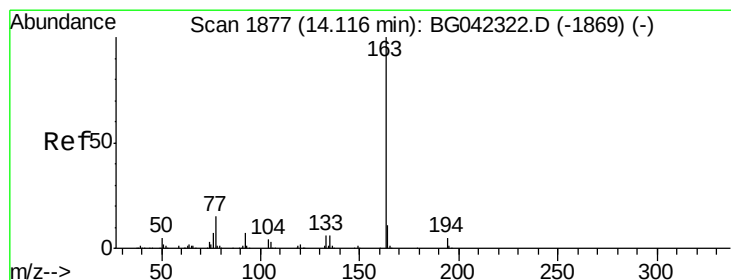
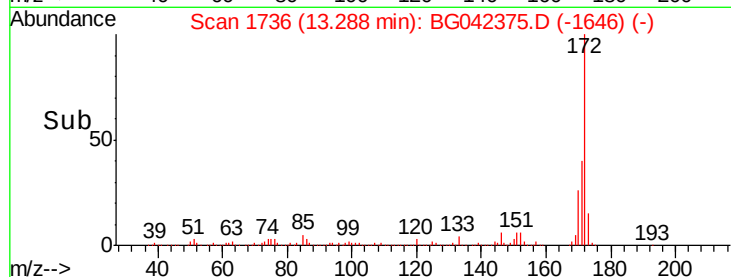
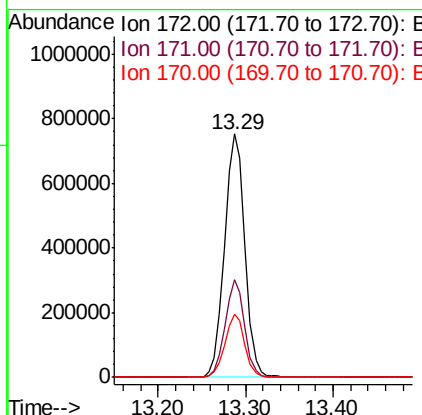
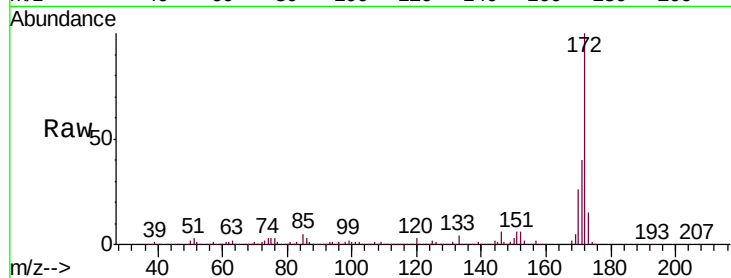




#45
2-Fluorobiphenyl
Concen: 103.781 ng
RT: 13.29 min Scan# 1736
Delta R.T. 0.00 min
Lab File: BG042375.D
Acq: 21 Aug 2019 2:21

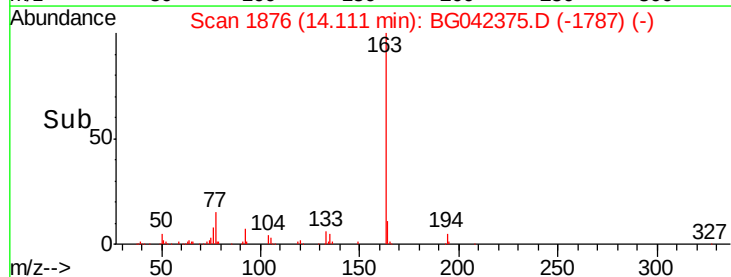
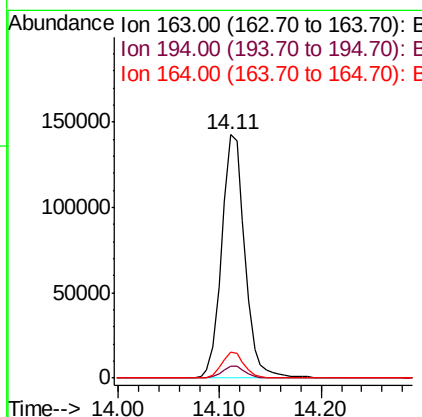
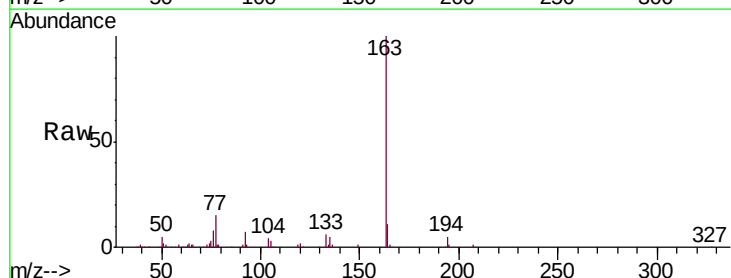
Instrument :
BNA_G
ClientSampleId :
TP-1359

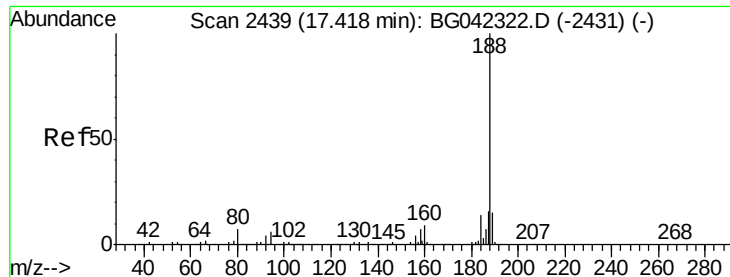
Tot Ion:172 Resp: 1205939
Ion Ratio Lower Upper
172 100
171 39.9 30.3 45.5
170 25.8 20.0 30.0



#50
Dimethylphthalate
Concen: 16.188 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042375.D
Acq: 21 Aug 2019 2:21

Tgt Ion:163 Resp: 226184
Ion Ratio Lower Upper
163 100
194 5.1 4.2 6.2
164 10.7 8.8 13.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG042375.D

Acq: 21 Aug 2019 2:21

Instrument :

BNA_G

ClientSampleId :

TP-1359

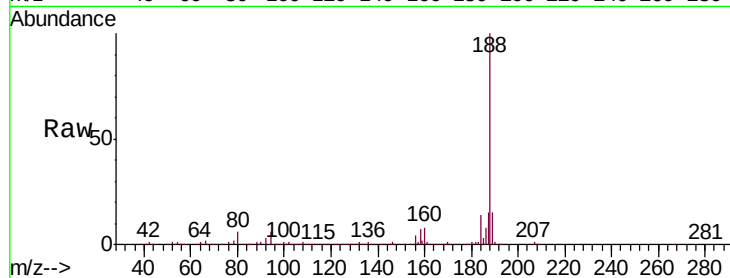
Tot Ion:188 Resp: 392120

Ion Ratio Lower Upper

188 100

94 5.9 4.9 7.3

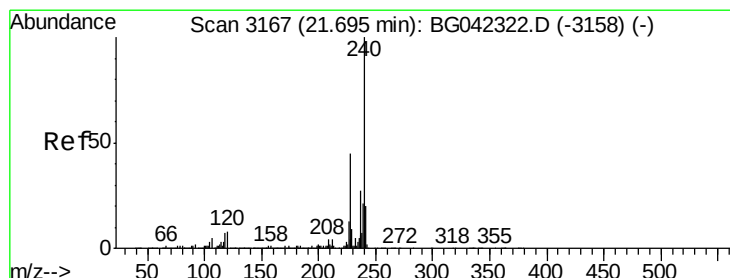
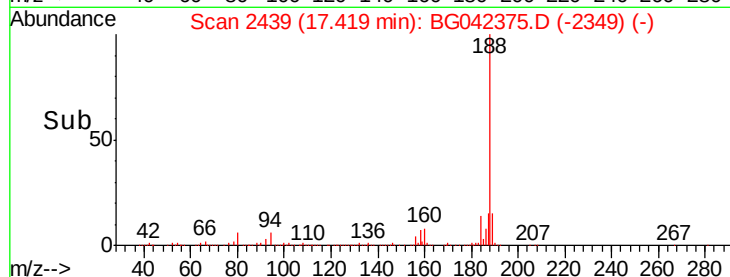
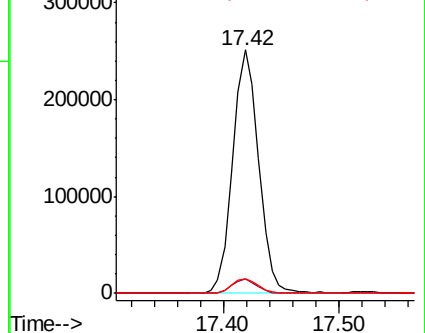
80 6.1 5.4 8.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG042375.D

Acq: 21 Aug 2019 2:21

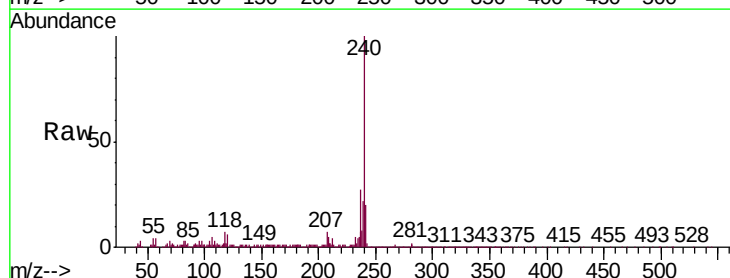
Tgt Ion:240 Resp: 383182

Ion Ratio Lower Upper

240 100

120 6.4 6.0 9.0

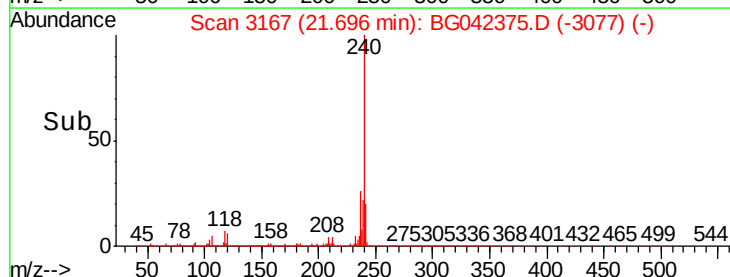
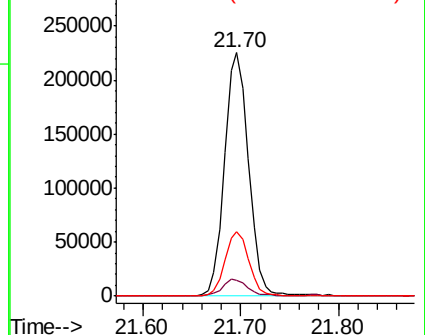
236 26.7 21.6 32.4

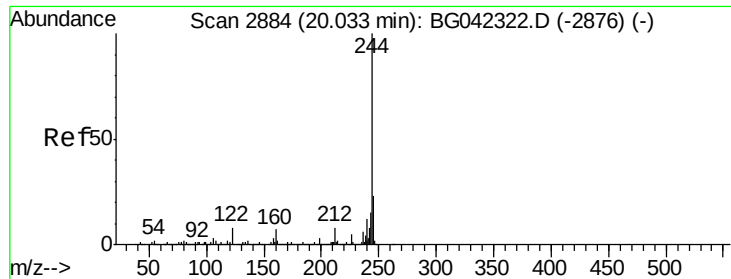


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.838 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG042375.D

Acq: 21 Aug 2019 2:21

Instrument :

BNA_G

ClientSampled :

TP-1359

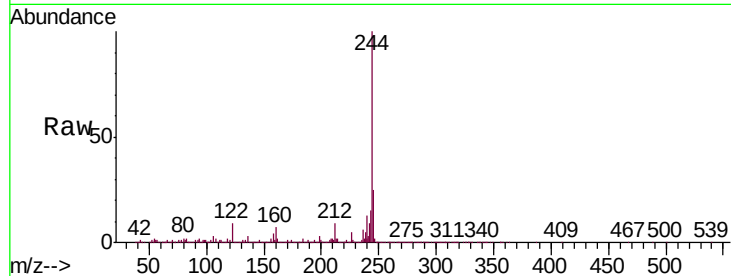
Tot Ion:244 Resp: 1606670

Ion Ratio Lower Upper

244 100

212 8.6 6.4 9.6

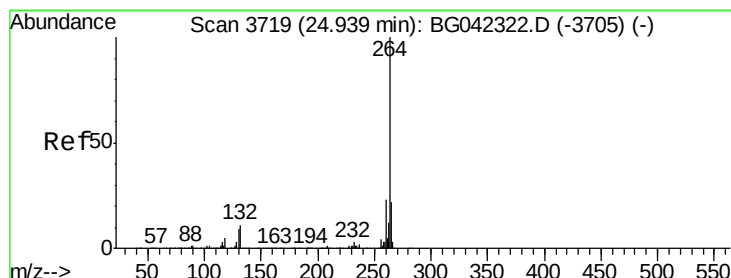
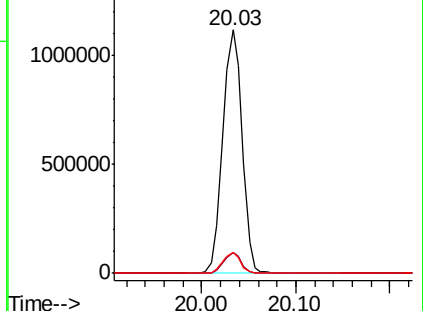
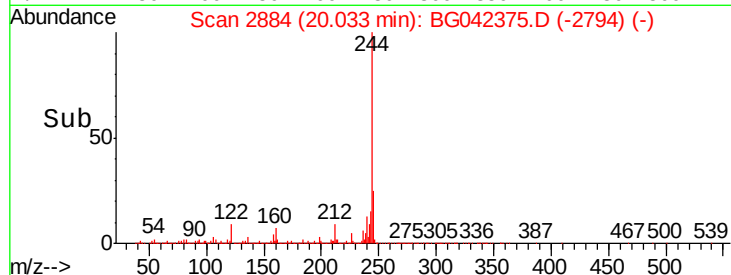
122 8.7 6.6 10.0



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: 24.95 min Scan# 3720

Delta R.T. 0.01 min

Lab File: BG042375.D

Acq: 21 Aug 2019 2:21

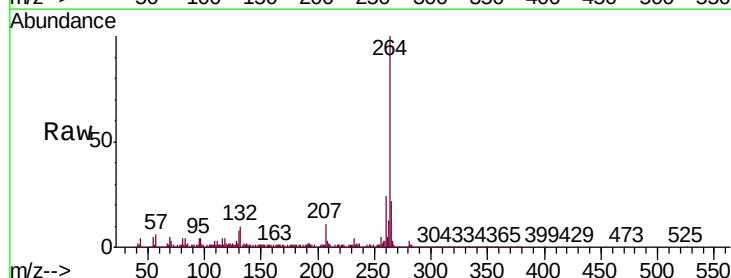
Tgt Ion:264 Resp: 474075

Ion Ratio Lower Upper

264 100

260 24.4 18.4 27.6

265 22.5 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

