

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062220\
 Data File : BG045825.D
 Acq On : 22 Jun 2020 13:16
 Operator : CG/JU
 Sample : L3033-08DL2 50X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW009-200616DL2

Quant Time: Jun 22 13:57:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

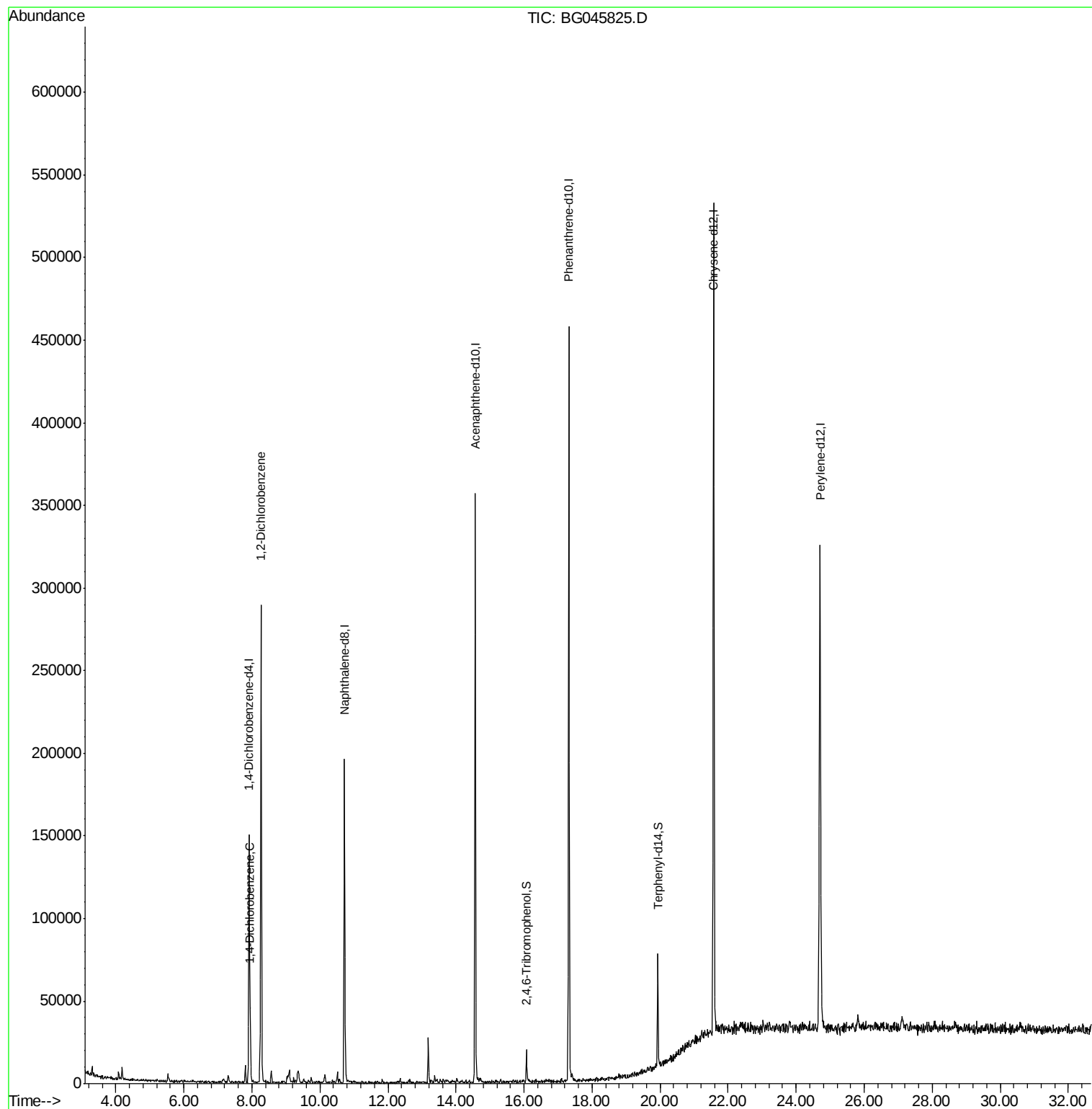
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	44692	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	177936	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	133090	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	326841	20.00	ng	0.00
76) Chrysene-d12	21.57	240	330191	20.00	ng	0.00
86) Perylene-d12	24.70	264	354223	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	2795	1.06	ng	0.00
7) Phenol-d6	7.16	99	1734	0.43	ng	0.00
23) Nitrobenzene-d5	9.10	82	5136	1.32	ng	0.01
42) 2,4,6-Tribromophenol	16.07	330	5193	2.58	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	17280	1.91	ng	0.00
79) Terphenyl-d14	19.93	244	34606	2.12	ng	0.00
Target Compounds						
13) 1,4-Dichlorobenzene	7.95	146	18261	5.417	ng	94
14) 1,2-Dichlorobenzene	8.27	146	127426	39.486	ng	98

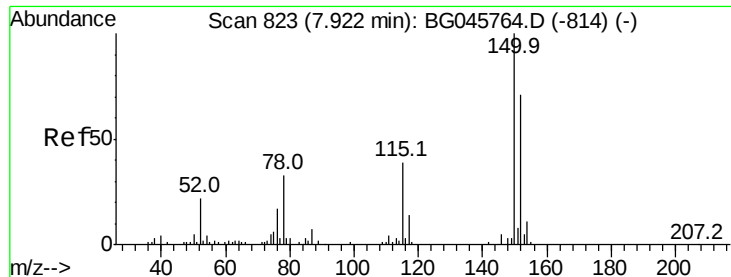
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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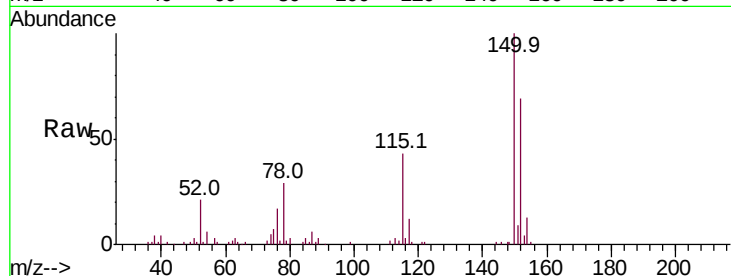


#1

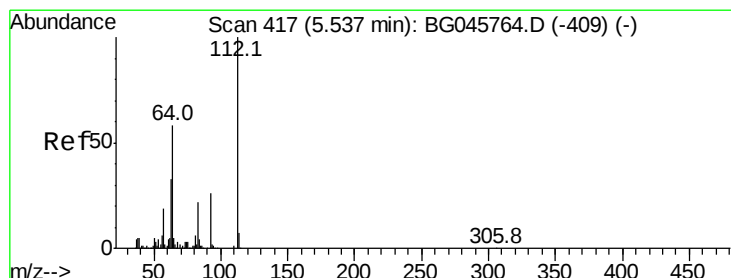
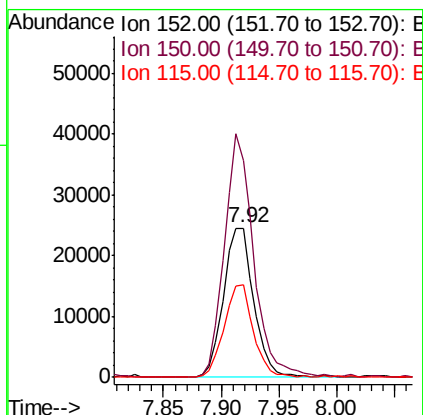
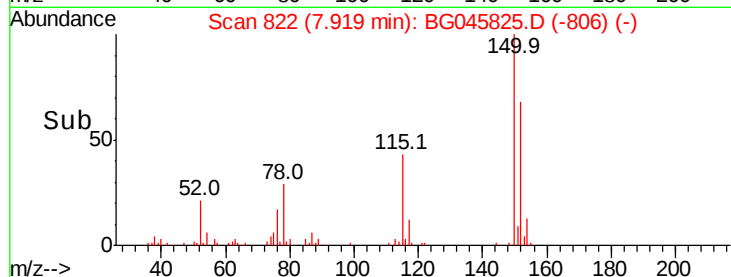
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG045825.D
Acq: 22 Jun 2020 13:16

Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616DL2

Tot Ion:152 Resp: 44692
Ion Ratio Lower Upper
152 100
150 145.2 113.1 169.7
115 62.3 43.8 65.6



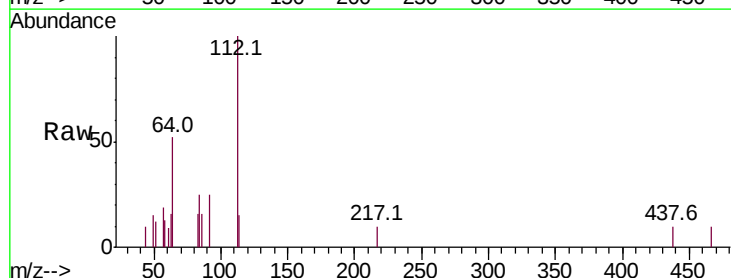
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



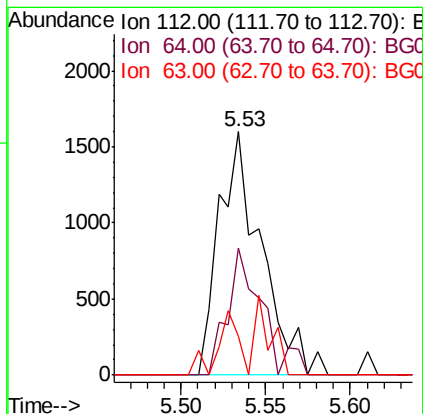
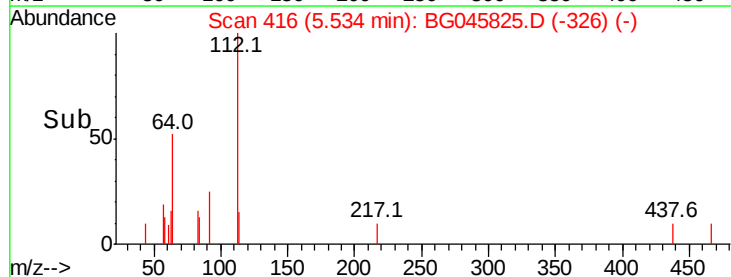
#5

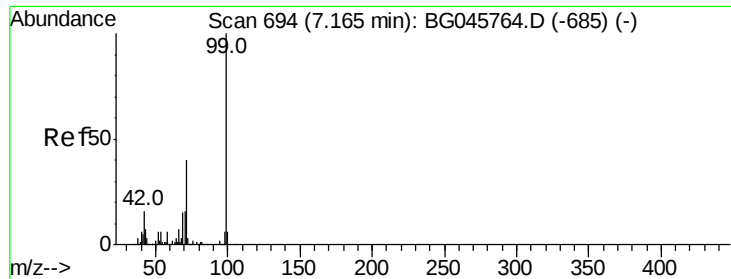
2-Fluorophenol
Concen: 1.056 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG045825.D
Acq: 22 Jun 2020 13:16

Tgt Ion:112 Resp: 2795
Ion Ratio Lower Upper
112 100
64 52.3 46.6 69.8
63 15.9 26.3 39.5#



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: 0.431 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045825.D

Acq: 22 Jun 2020 13:16

Instrument :

BNA_G

ClientSampleId :

SS043MW009-200616DL2

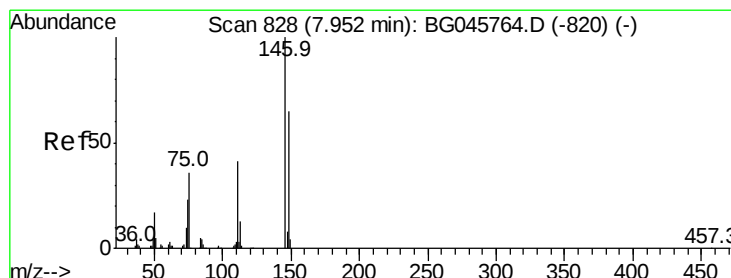
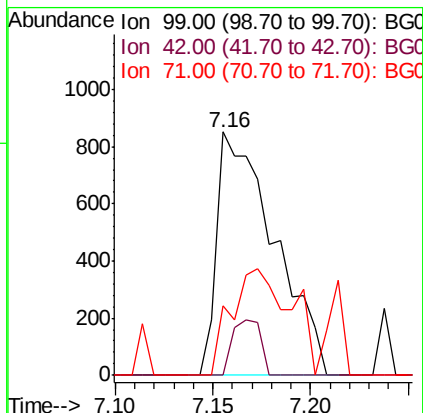
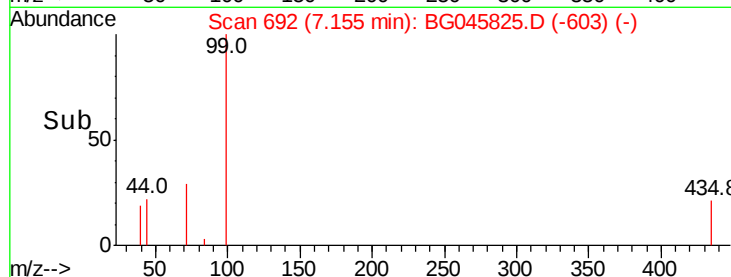
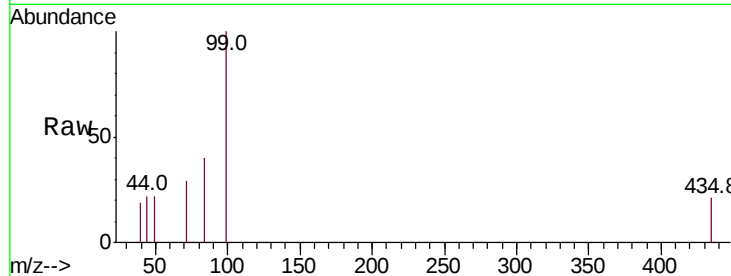
Tot Ion: 99 Resp: 1734

Ion Ratio Lower Upper

99 100

42 0.0 12.4 18.6#

71 28.6 32.1 48.1#



#13

1,4-Dichlorobenzene

Concen: 5.417 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG045825.D

Acq: 22 Jun 2020 13:16

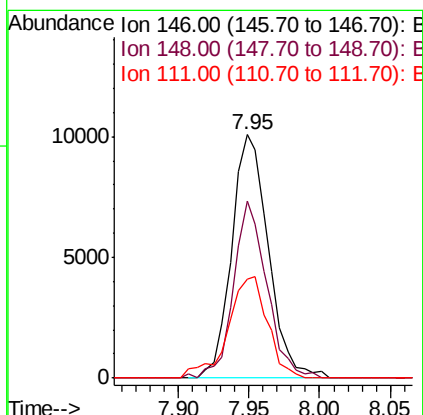
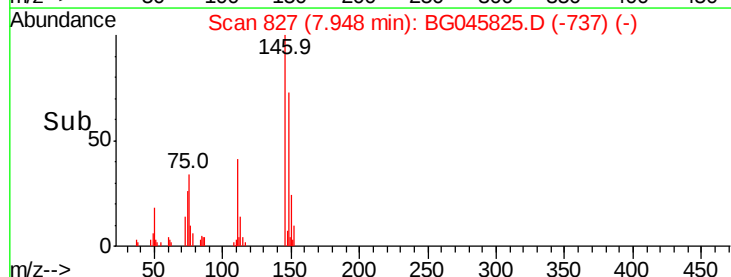
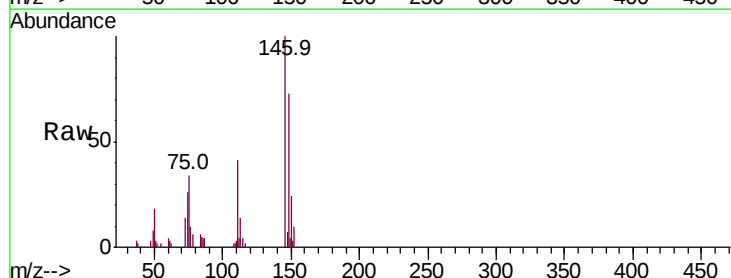
Tgt Ion: 146 Resp: 18261

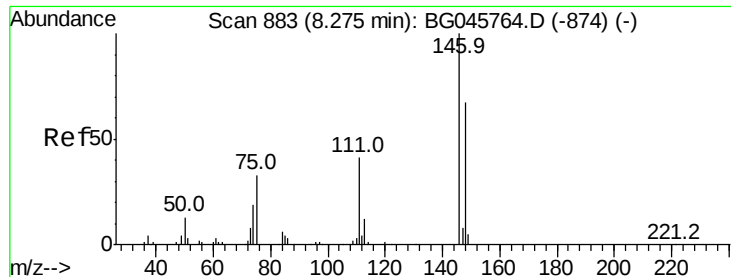
Ion Ratio Lower Upper

146 100

148 72.6 51.8 77.6

111 40.9 32.8 49.2





#14

1,2-Dichlorobenzene

Concen: 39.486 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG045825.D

Acq: 22 Jun 2020 13:16

Instrument :

BNA_G

ClientSampleId :

SS043MW009-200616DL2

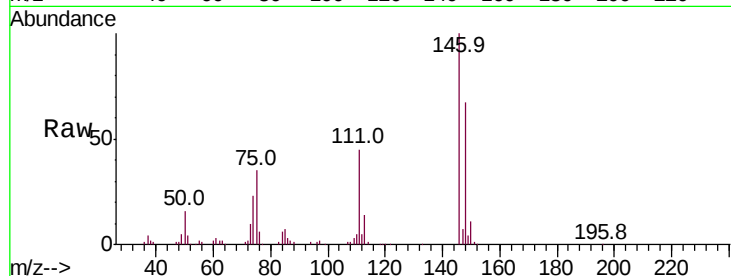
Tot Ion:146 Resp: 127426

Ion Ratio Lower Upper

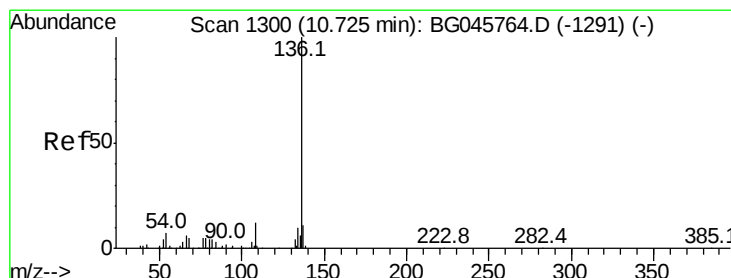
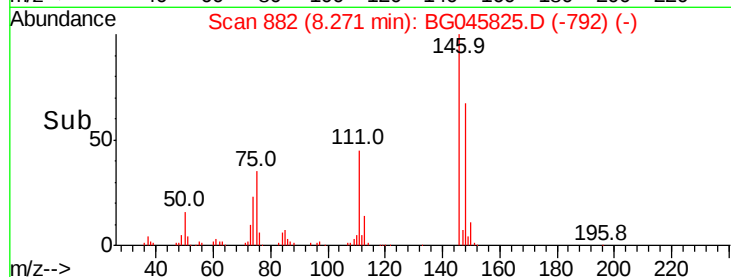
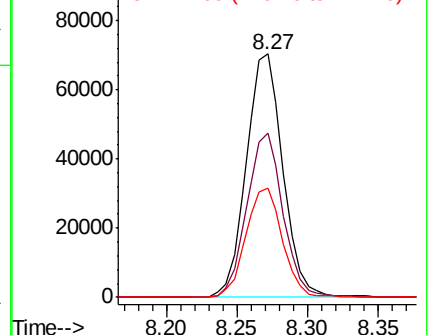
146 100

148 67.4 54.1 81.1

111 44.8 32.9 49.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG045825.D

Acq: 22 Jun 2020 13:16

Tgt Ion:136 Resp: 177936

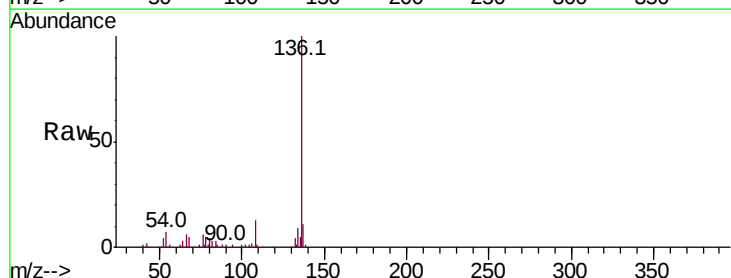
Ion Ratio Lower Upper

136 100

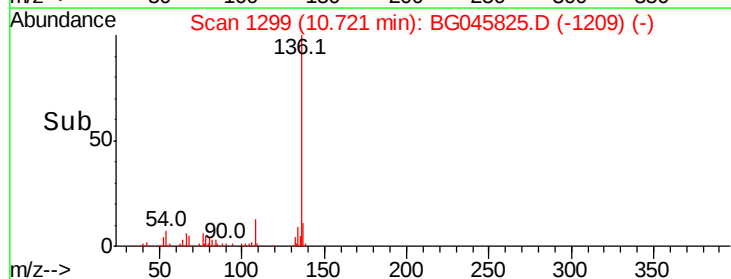
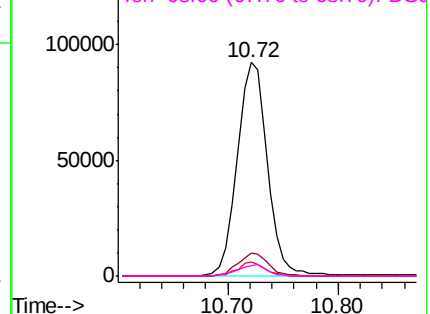
137 10.9 8.7 13.1

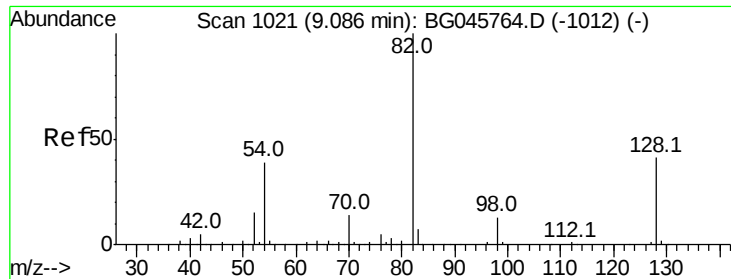
54 6.8 5.8 8.6

68 5.0 4.0 6.0



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

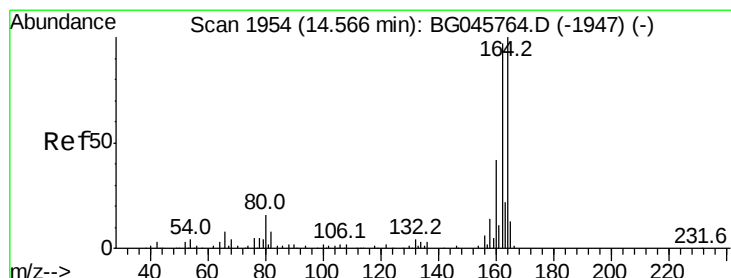
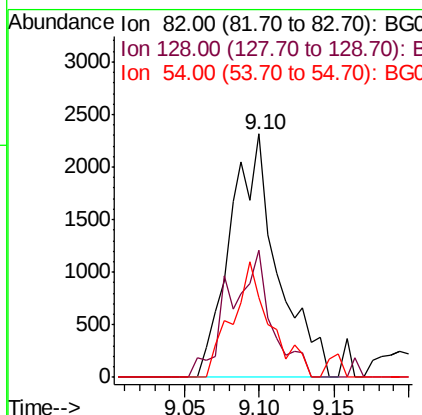
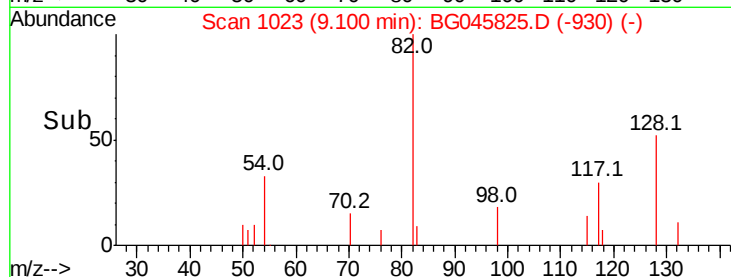
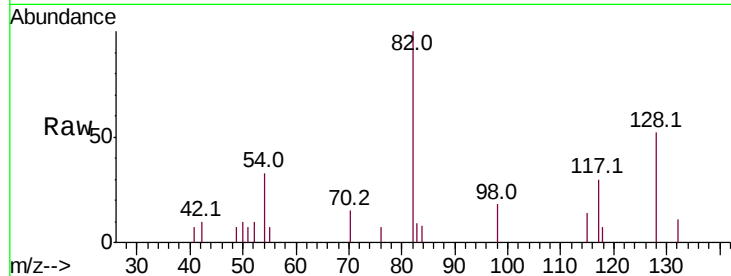




#23
 Nitrobenzene-d5
 Concen: 1.319 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. 0.01 min
 Lab File: BG045825.D
 Acq: 22 Jun 2020 13:16

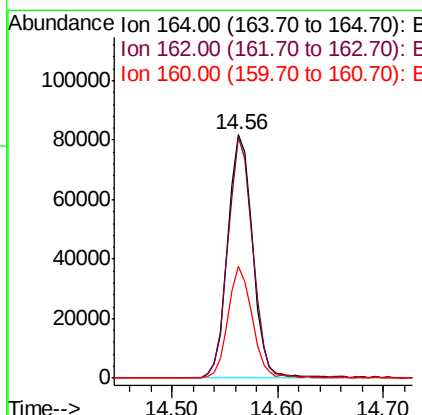
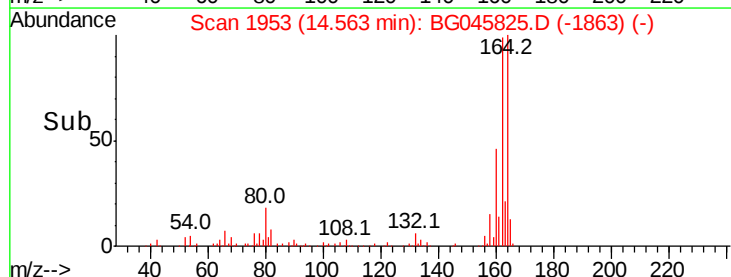
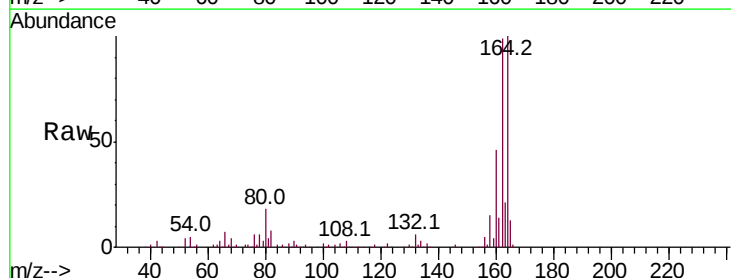
Instrument :
 BNA_G
 ClientSampleId :
 SS043MW009-200616DL2

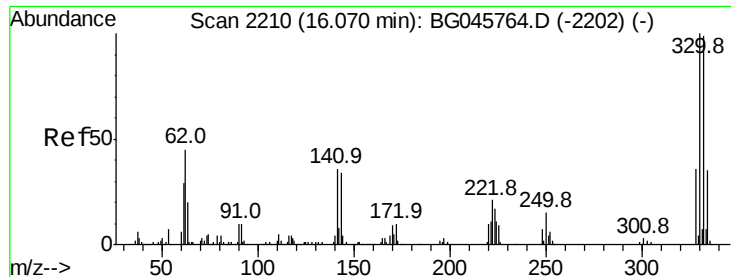
Tot Ion: 82 Resp: 5136
 Ion Ratio Lower Upper
 82 100
 128 52.2 32.5 48.7#
 54 32.9 31.2 46.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BG045825.D
 Acq: 22 Jun 2020 13:16

Tgt Ion:164 Resp: 133090
 Ion Ratio Lower Upper
 164 100
 162 99.1 77.4 116.0
 160 45.7 33.3 49.9

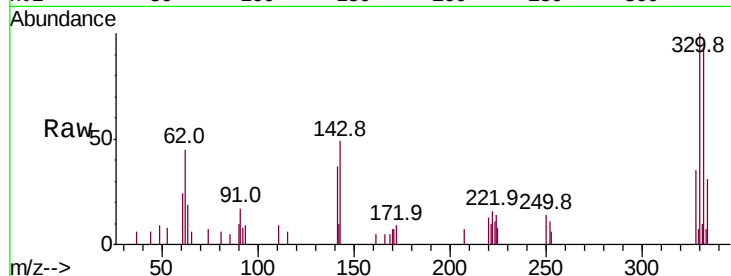




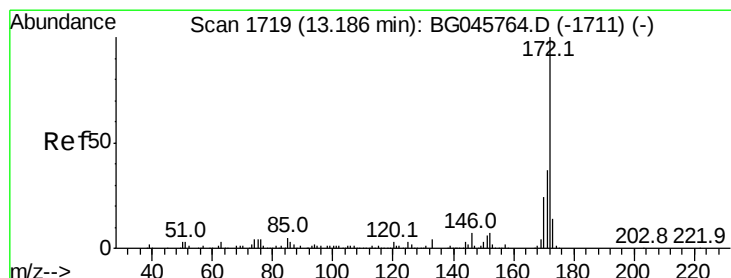
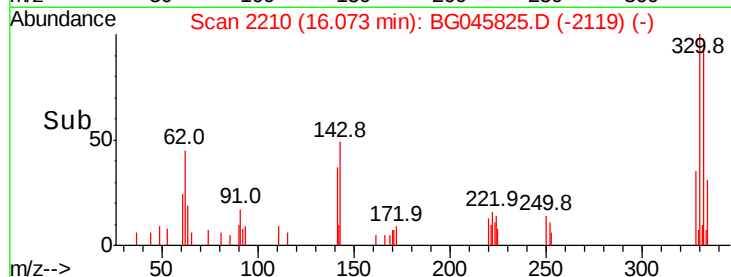
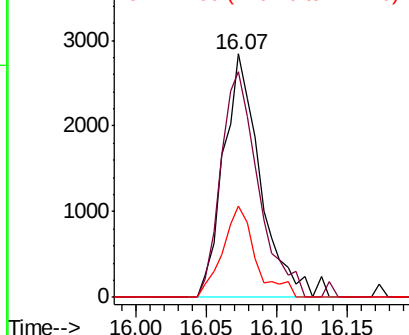
#42
 2,4,6-Tribromophenol
 Concen: 2.584 ng
 RT: 16.07 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: BG045825.D
 Acq: 22 Jun 2020 13:16

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW009-200616DL2

Tot Ion:330 Resp: 5193
 Ion Ratio Lower Upper
 330 100
 332 93.3 78.6 117.8
 141 33.1 28.2 42.4

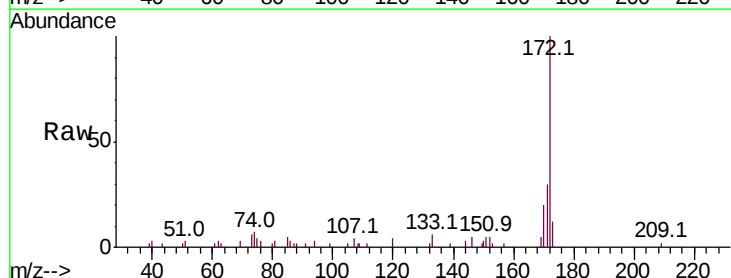


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

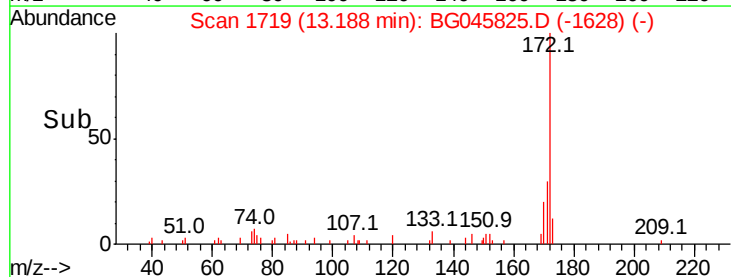
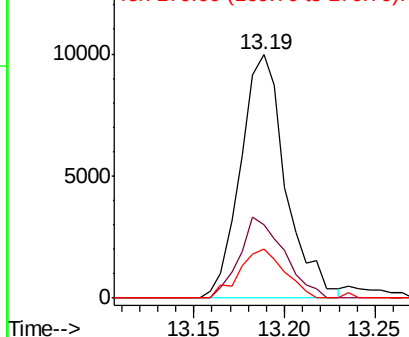


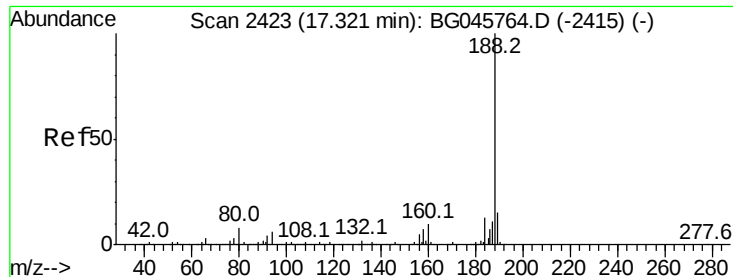
#45
 2-Fluorobiphenyl
 Concen: 1.908 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG045825.D
 Acq: 22 Jun 2020 13:16

Tgt Ion:172 Resp: 17280
 Ion Ratio Lower Upper
 172 100
 171 30.2 29.9 44.9
 170 20.0 19.3 28.9



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

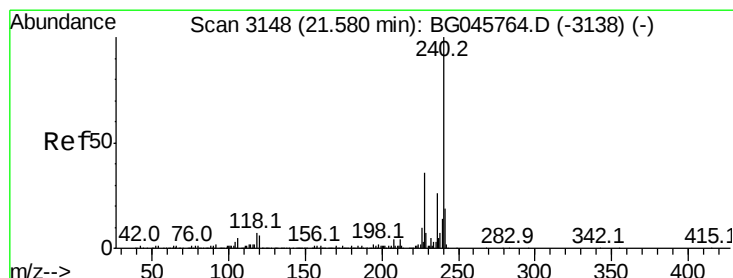
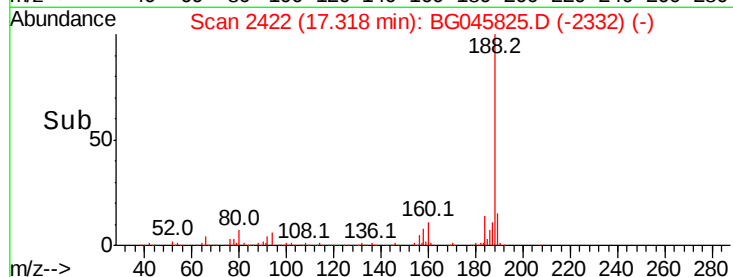
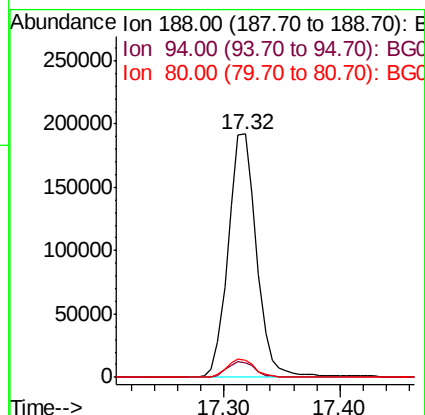
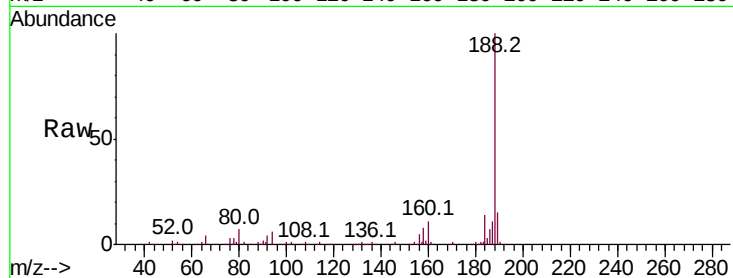




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BG045825.D
Acq: 22 Jun 2020 13:16

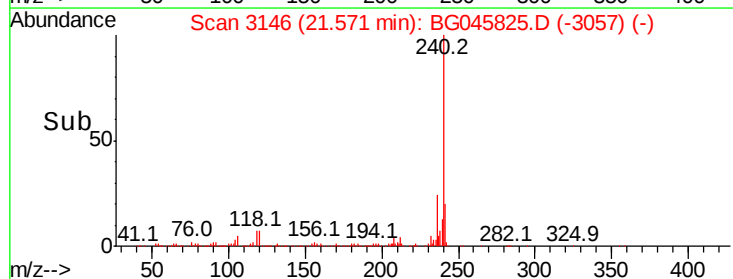
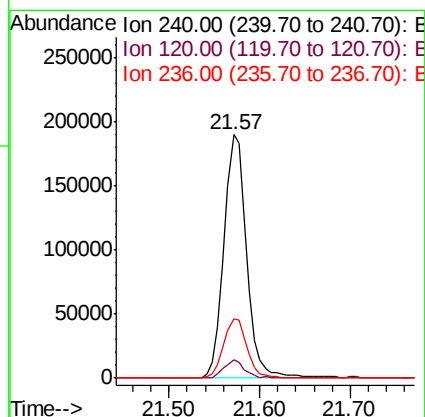
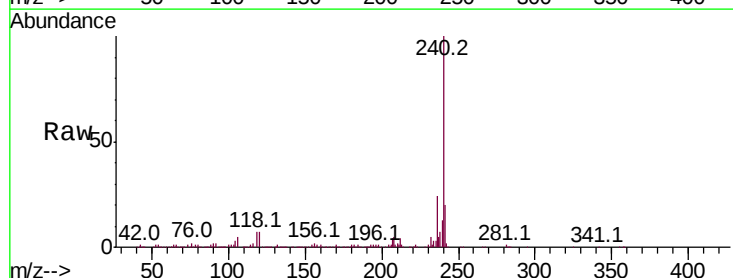
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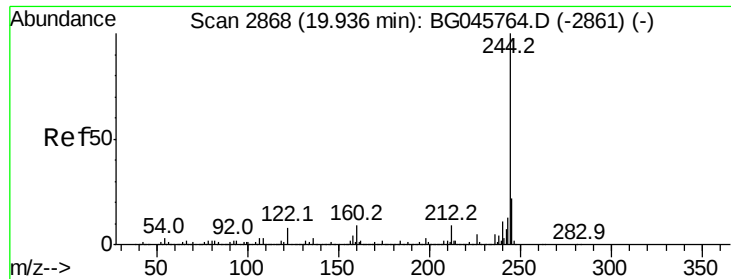
Tot Ion:188 Resp: 326841
Ion Ratio Lower Upper
188 100
94 5.9 5.1 7.7
80 7.0 6.2 9.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG045825.D
Acq: 22 Jun 2020 13:16

Tgt Ion:240 Resp: 330191
Ion Ratio Lower Upper
240 100
120 7.5 5.0 7.4#
236 24.4 20.6 30.8





#79

Terphenyl-d14

Concen: 2.124 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG045825.D

Acq: 22 Jun 2020 13:16

Instrument :

BNA_G

ClientSampleId :

SS043MW009-200616DL2

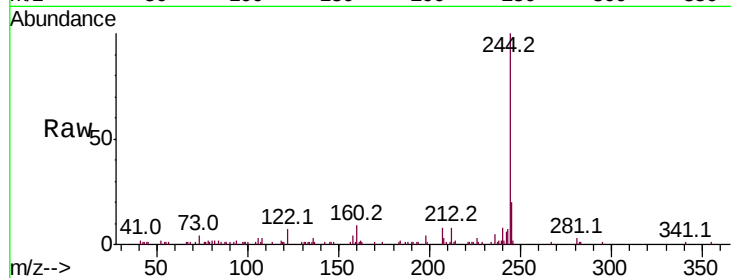
Tot Ion:244 Resp: 34606

Ion Ratio Lower Upper

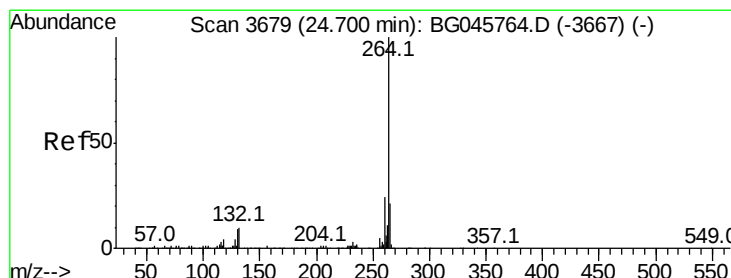
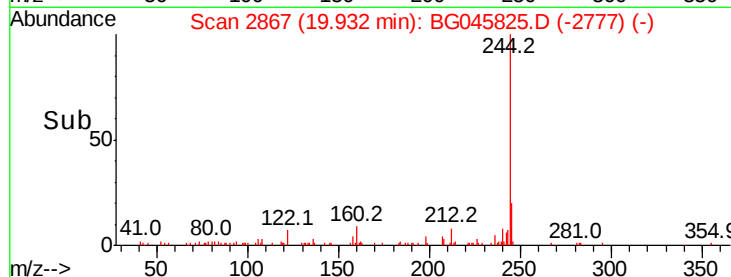
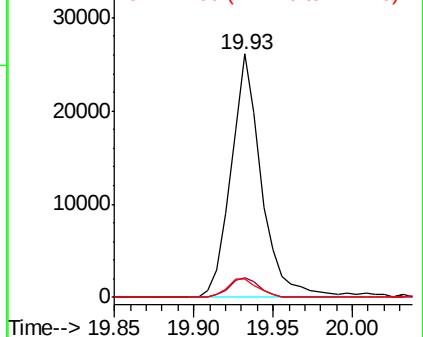
244 100

212 8.2 7.2 10.8

122 7.3 6.4 9.6



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.70 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BG045825.D

Acq: 22 Jun 2020 13:16

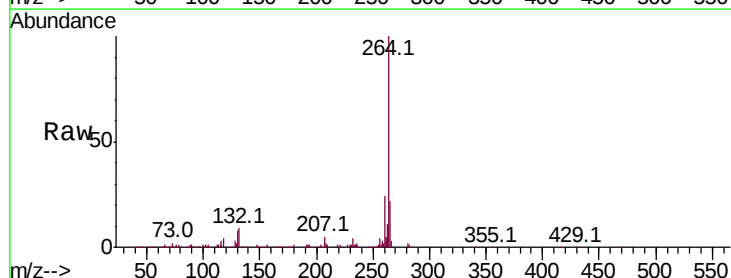
Tgt Ion:264 Resp: 354223

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.4

265 21.8 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

