

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
 Data File : BG041429.D
 Acq On : 24 Jun 2019 19:58
 Operator : HP/JU
 Sample : K3486-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-4

Quant Time: Jun 25 05:51:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

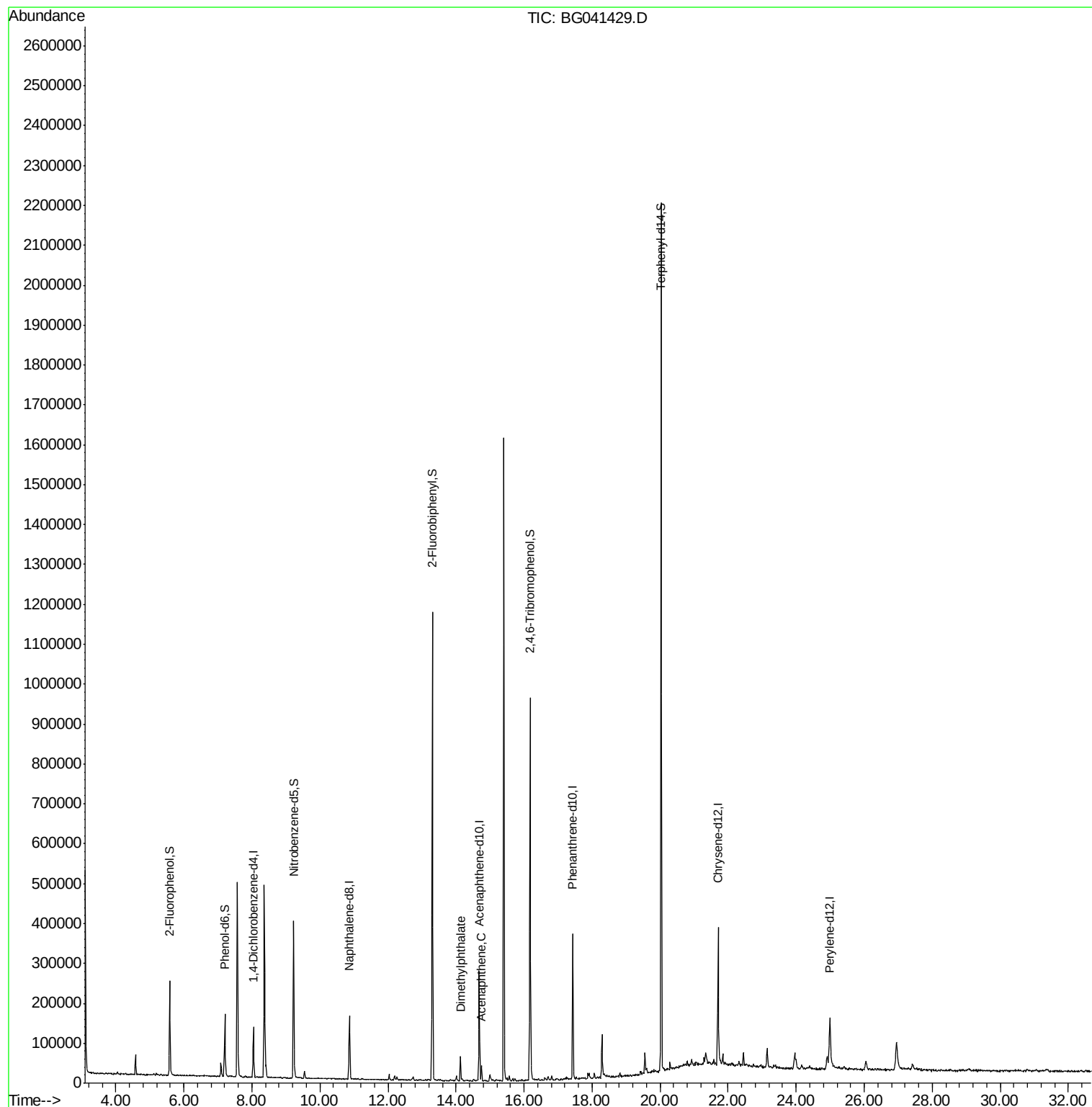
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	33968	20.00	ng	-0.04
21) Naphthalene-d8	10.87	136	132287	20.00	ng	-0.04
39) Acenaphthene-d10	14.68	164	93607	20.00	ng	-0.04
64) Phenanthrene-d10	17.43	188	230943	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	227272	20.00	ng	-0.04
87) Perylene-d12	24.99	264	174520	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	97993	53.01	ng	-0.04
7) Phenol-d6	7.20	99	89513	33.40	ng	-0.03
23) Nitrobenzene-d5	9.22	82	246831	78.47	ng	-0.04
42) 2,4,6-Tribromophenol	16.18	330	186034	129.45	ng	-0.03
45) 2-Fluorobiphenyl	13.31	172	601276	87.30	ng	-0.03
79) Terphenyl-d14	20.03	244	1026187	89.48	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.13	163	38684	4.645	ng	96
52) Acenaphthene	14.75	154	12765	2.351	ng	94

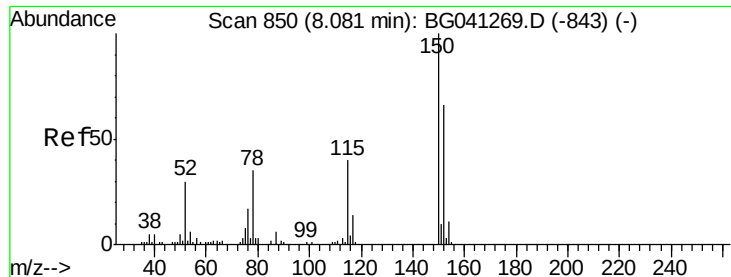
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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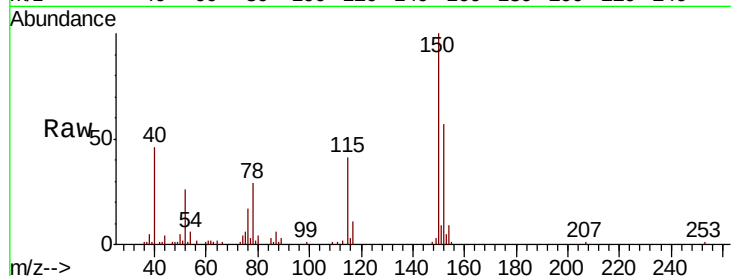


#1

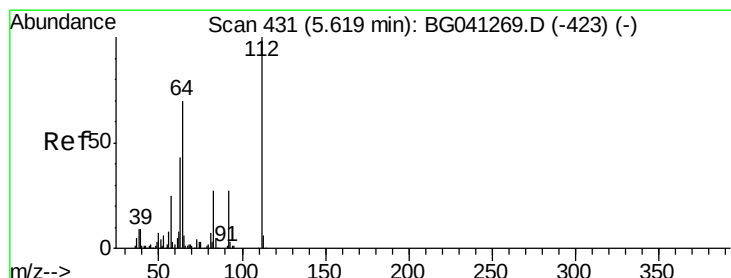
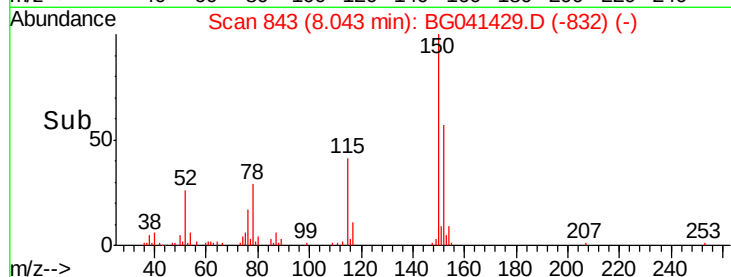
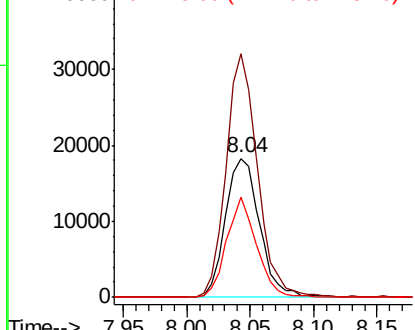
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.04 min
Lab File: BG041429.D
Acq: 24 Jun 2019 19:58

Instrument :
BNA_G
ClientSampleId :
W-4

Tot Ion:152 Resp: 33968
Ion Ratio Lower Upper
152 100
150 175.4 120.6 181.0
115 72.3 47.9 71.9#



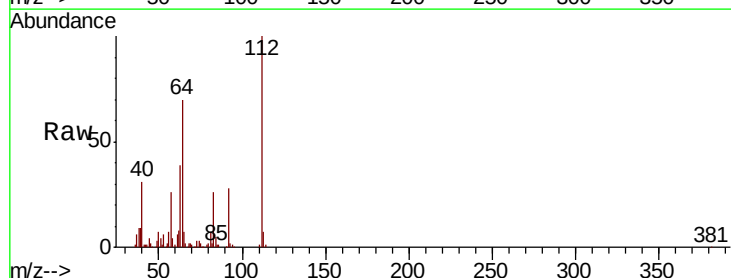
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



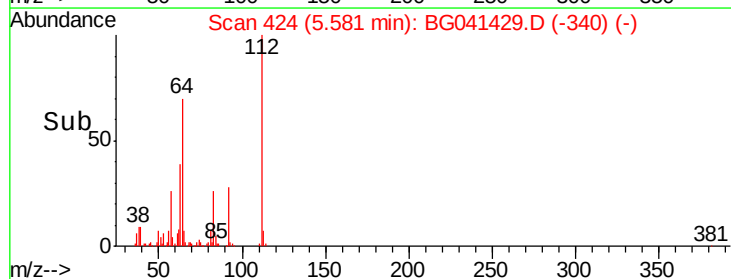
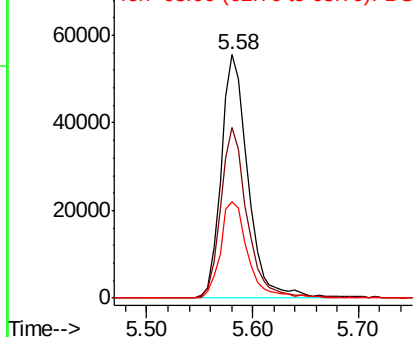
#5

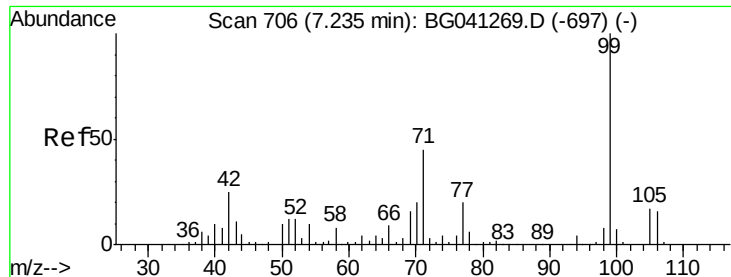
2-Fluorophenol
Concen: 53.007 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.04 min
Lab File: BG041429.D
Acq: 24 Jun 2019 19:58

Tgt Ion:112 Resp: 97993
Ion Ratio Lower Upper
112 100
64 70.0 55.9 83.9
63 39.5 34.6 51.8



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: 33.404 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.03 min

Lab File: BG041429.D

Acq: 24 Jun 2019 19:58

Instrument :

BNA_G

ClientSampleId :

W-4

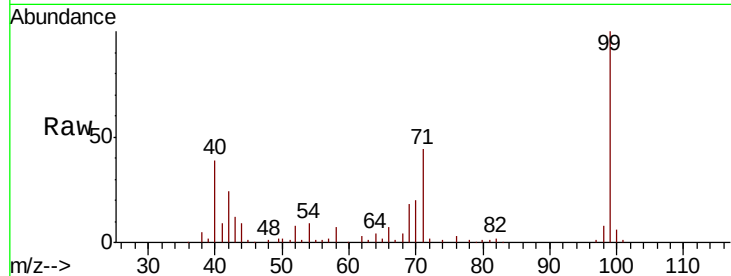
Tot Ion: 99 Resp: 89513

Ion Ratio Lower Upper

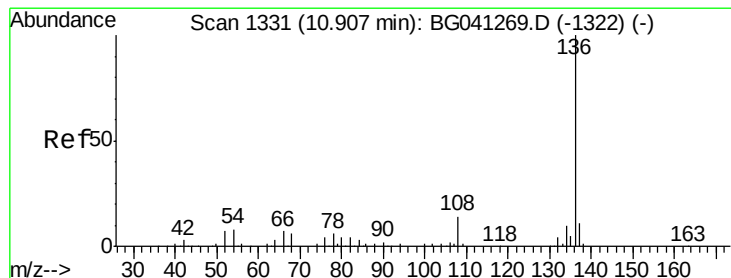
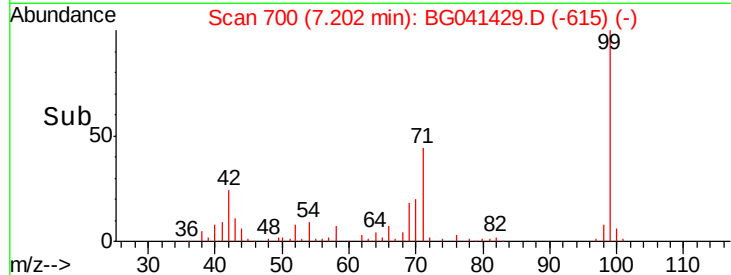
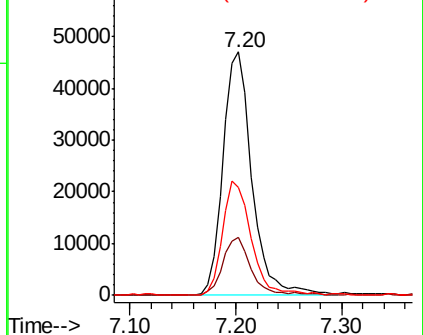
99 100

42 23.6 19.9 29.9

71 44.4 36.4 54.6



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: 10.87 min Scan# 1324

Delta R.T. -0.04 min

Lab File: BG041429.D

Acq: 24 Jun 2019 19:58

Tgt Ion: 136 Resp: 132287

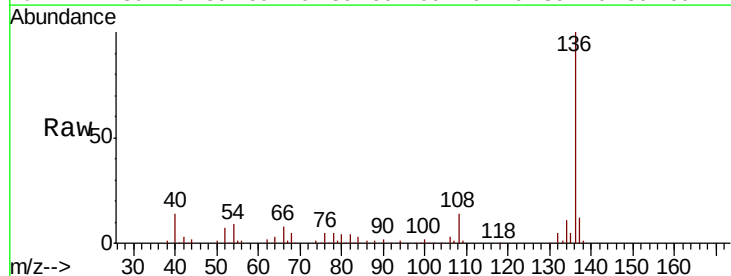
Ion Ratio Lower Upper

136 100

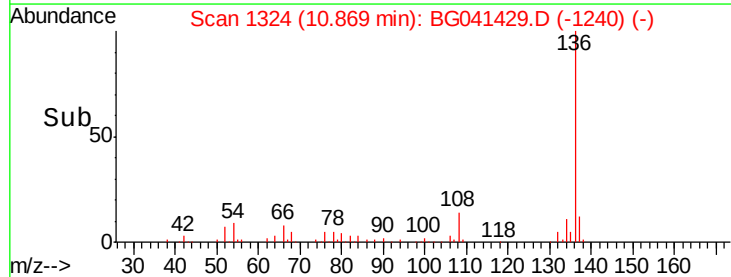
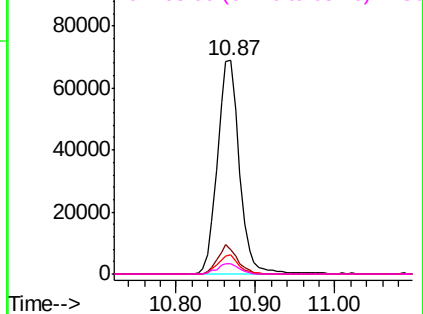
137 11.6 8.8 13.2

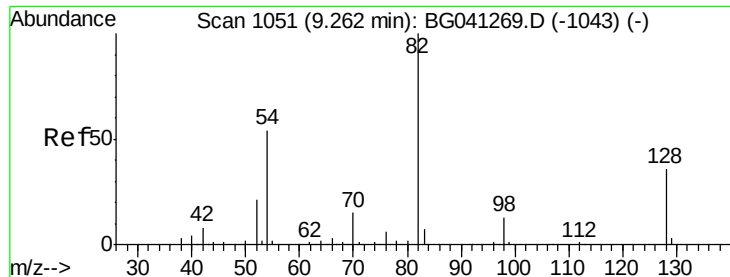
54 8.9 6.4 9.6

68 5.0 4.8 7.2



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

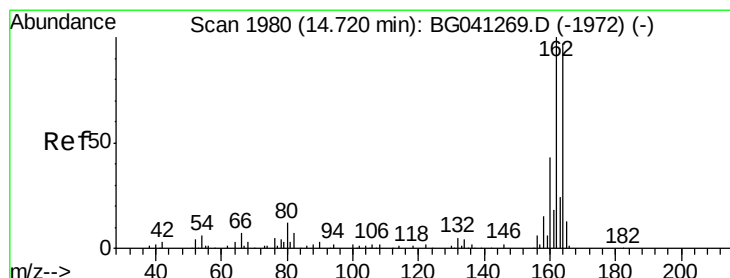
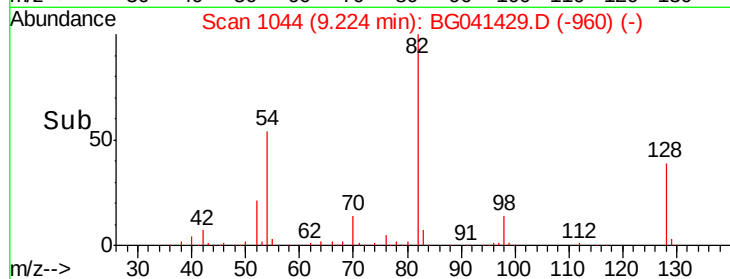
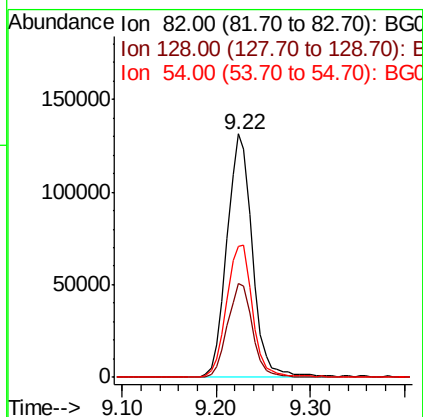
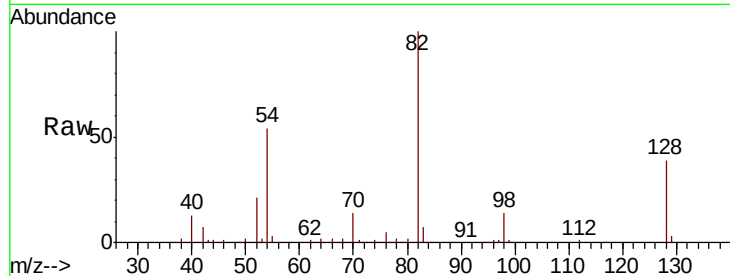




#23
 Nitrobenzene-d5
 Concen: 78.472 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.04 min
 Lab File: BG041429.D
 Acq: 24 Jun 2019 19:58

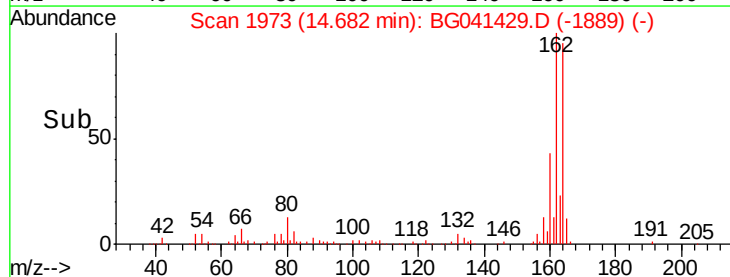
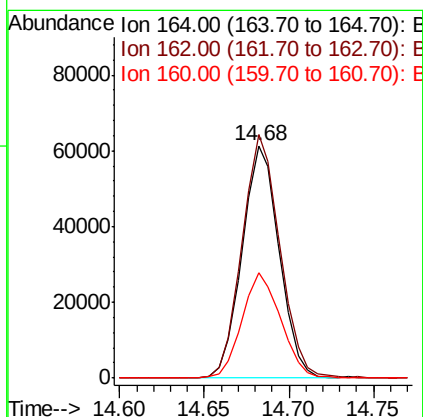
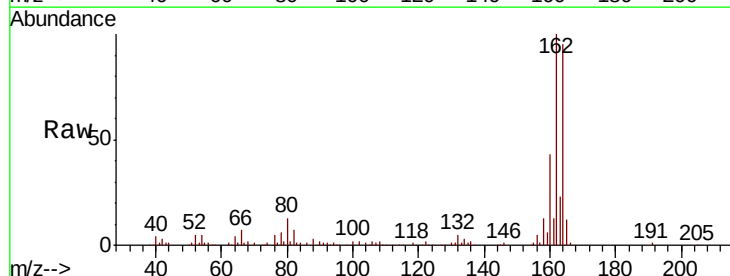
Instrument :
 BNA_G
 ClientSampleId :
 W-4

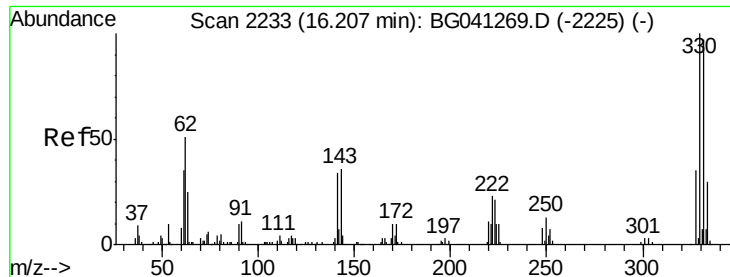
Tot Ion: 82 Resp: 246831
 Ion Ratio Lower Upper
 82 100
 128 38.5 29.2 43.8
 54 53.7 43.4 65.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.04 min
 Lab File: BG041429.D
 Acq: 24 Jun 2019 19:58

Tgt Ion:164 Resp: 93607
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.8 124.2
 160 45.3 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 129.453 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.03 min

Lab File: BG041429.D

Acq: 24 Jun 2019 19:58

Instrument :

BNA_G

ClientSampleId :

W-4

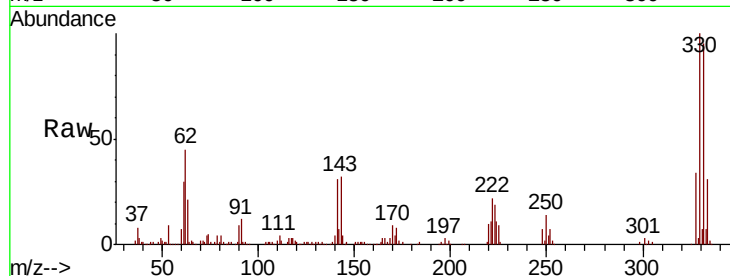
Tot Ion:330 Resp: 186034

Ion Ratio Lower Upper

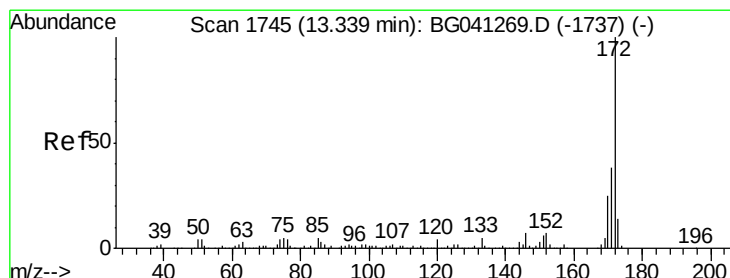
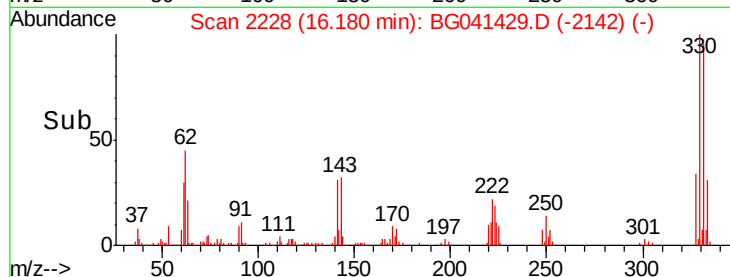
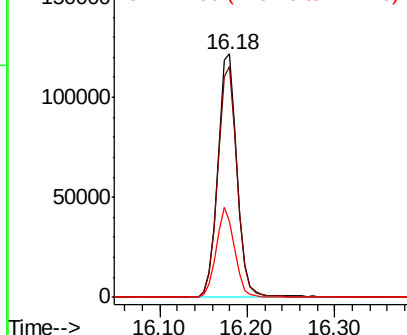
330 100

332 95.3 75.5 113.3

141 35.2 29.0 43.4



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: 87.304 ng

RT: 13.31 min Scan# 1739

Delta R.T. -0.03 min

Lab File: BG041429.D

Acq: 24 Jun 2019 19:58

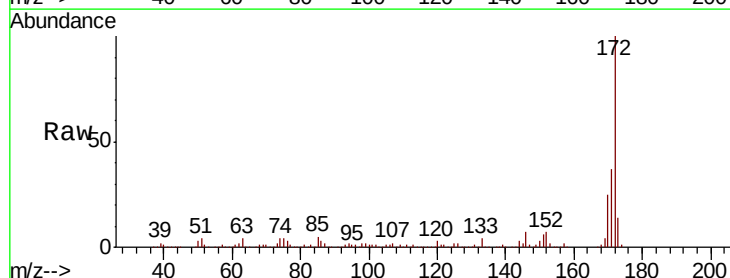
Tgt Ion:172 Resp: 601276

Ion Ratio Lower Upper

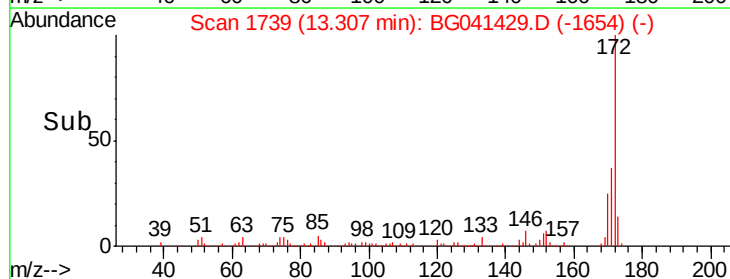
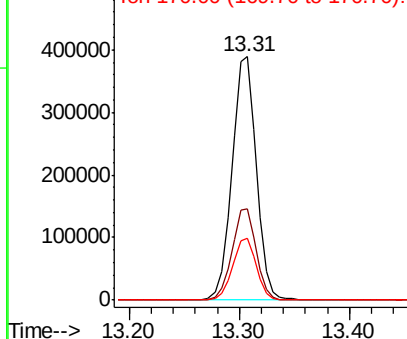
172 100

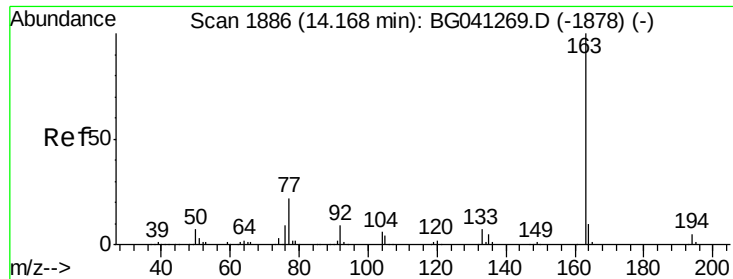
171 37.4 30.0 45.0

170 25.4 19.8 29.6



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: 4.645 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.04 min

Lab File: BG041429.D

Acq: 24 Jun 2019 19:58

Instrument :

BNA_G

ClientSampleId :

W-4

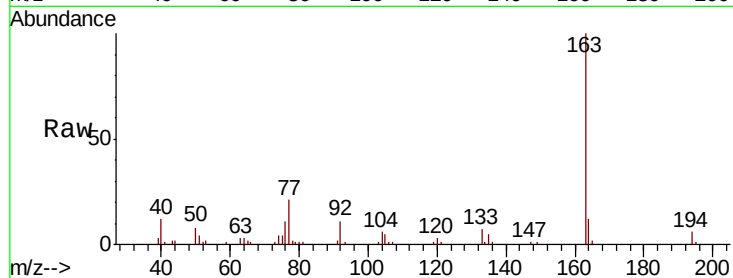
Tot Ion:163 Resp: 38684

Ion Ratio Lower Upper

163 100

194 5.8 3.9 5.9

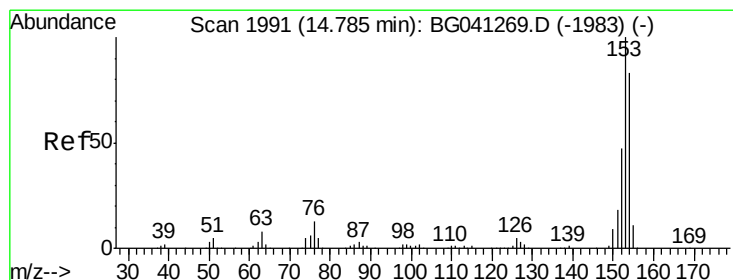
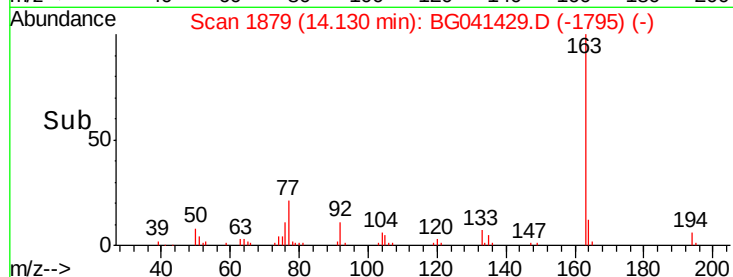
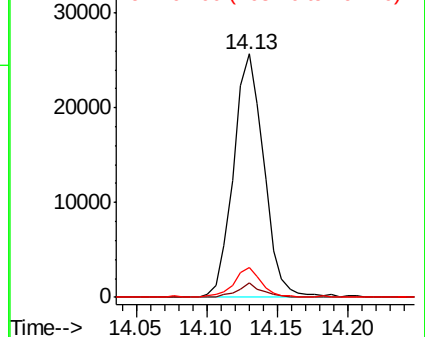
164 12.0 8.3 12.5



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



#52

Acenaphthene

Concen: 2.351 ng

RT: 14.75 min Scan# 1984

Delta R.T. -0.04 min

Lab File: BG041429.D

Acq: 24 Jun 2019 19:58

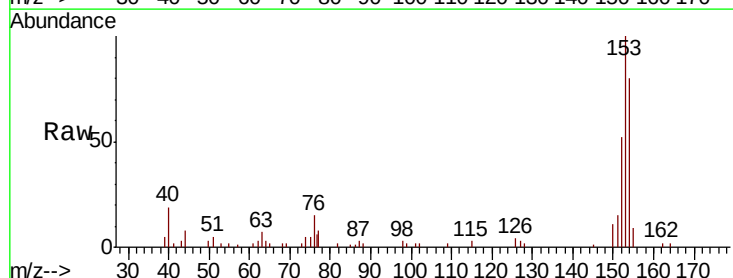
Tgt Ion:154 Resp: 12765

Ion Ratio Lower Upper

154 100

153 125.0 96.6 145.0

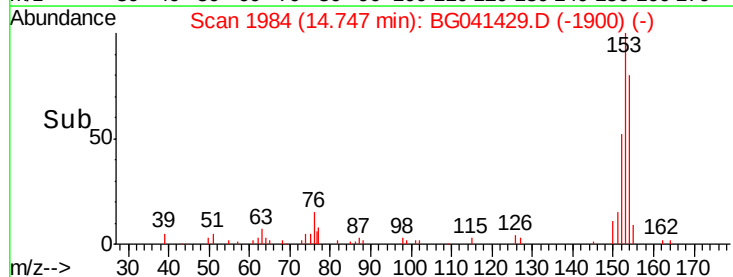
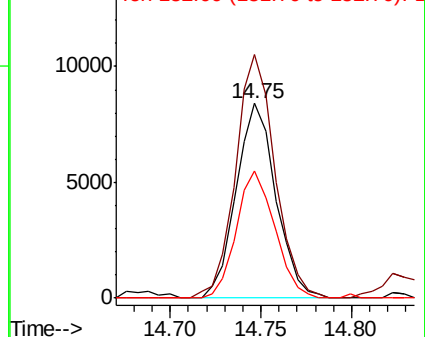
152 65.0 45.5 68.3

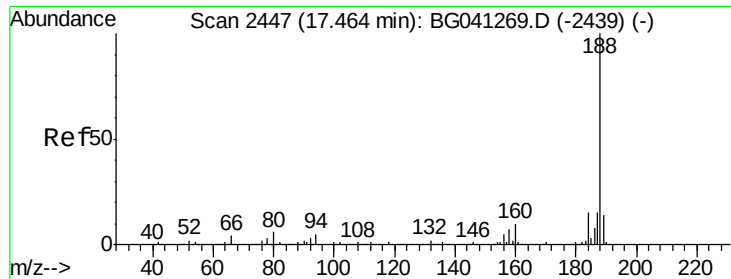


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.03 min

Lab File: BG041429.D

Acq: 24 Jun 2019 19:58

Instrument :

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ClientSampleId :

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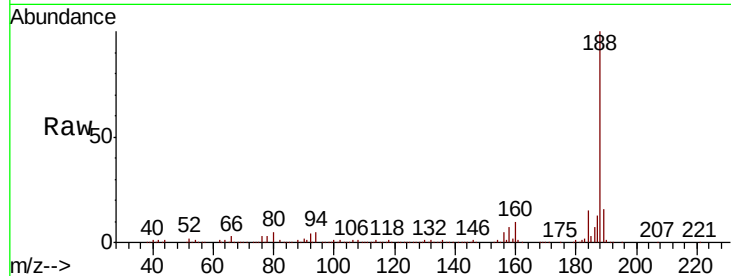
Tot Ion:188 Resp: 230943

Ion Ratio Lower Upper

188 100

94 5.1 3.6 5.4

80 5.5 4.8 7.2



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

200000

150000

100000

50000

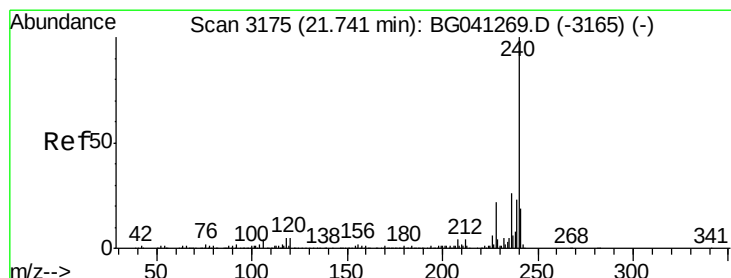
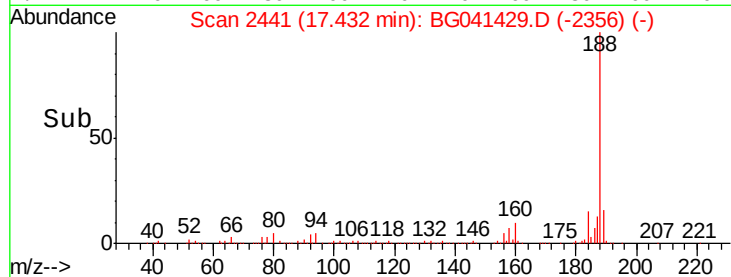
0

17.43

17.40

17.50

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.04 min

Lab File: BG041429.D

Acq: 24 Jun 2019 19:58

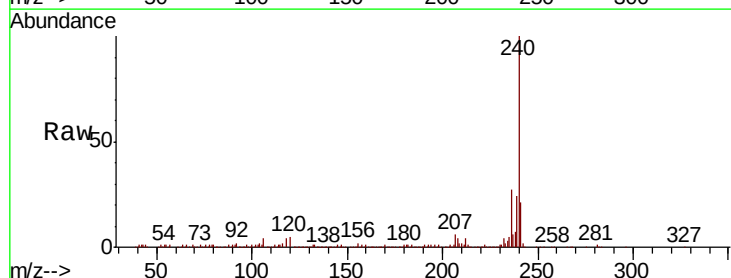
Tgt Ion:240 Resp: 227272

Ion Ratio Lower Upper

240 100

120 5.0 3.7 5.5

236 26.7 21.1 31.7



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

150000

100000

50000

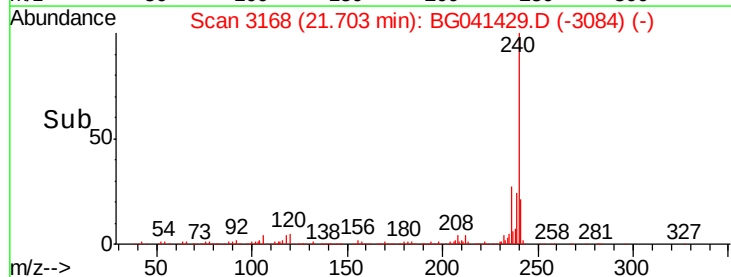
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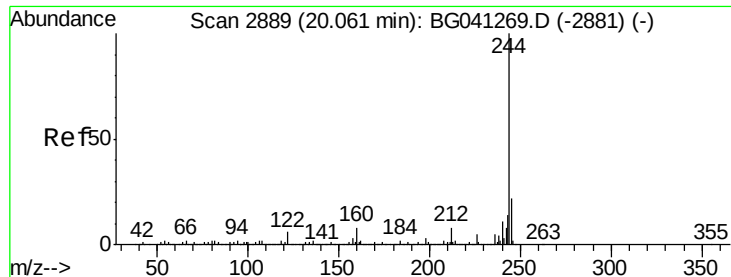
21.70

21.60

21.80

Time-->





#79

Terphenyl-d14

Concen: 89.483 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.03 min

Lab File: BG041429.D

Acq: 24 Jun 2019 19:58

Instrument :

BNA_G

ClientSampleId :

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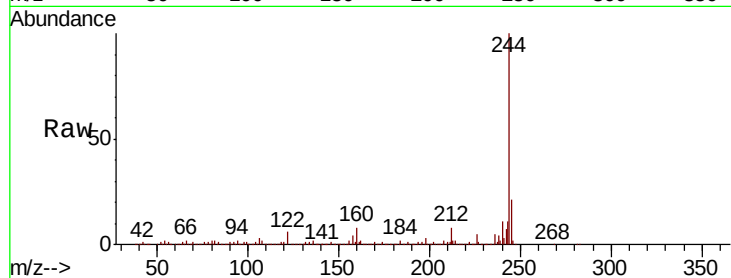
Tot Ion:244 Resp: 1026187

Ion Ratio Lower Upper

244 100

212 8.2 6.6 10.0

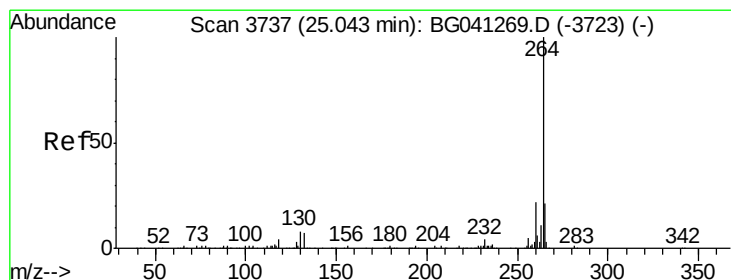
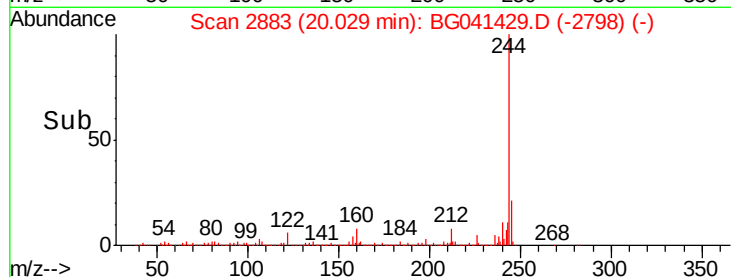
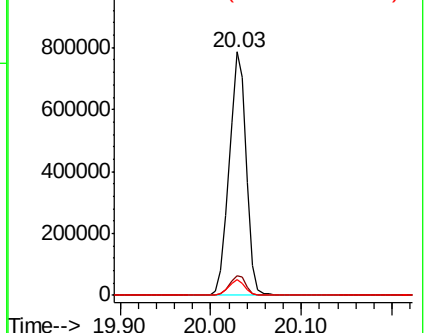
122 6.4 5.0 7.4



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: 24.99 min Scan# 3727

Delta R.T. -0.06 min

Lab File: BG041429.D

Acq: 24 Jun 2019 19:58

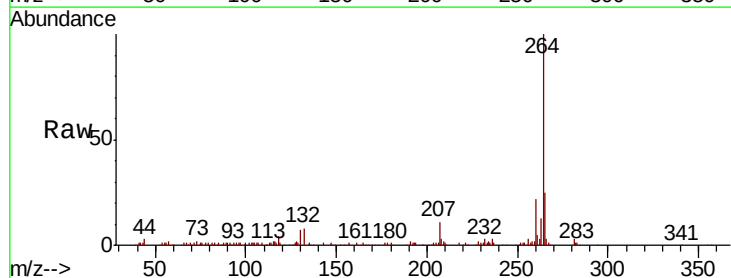
Tgt Ion:264 Resp: 174520

Ion Ratio Lower Upper

264 100

260 22.0 17.4 26.2

265 24.6 17.2 25.8



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

