

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
 Data File : BG043226.D
 Acq On : 15 Oct 2019 19:49
 Operator : JU
 Sample : K5350-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-11935

Quant Time: Oct 16 01:55:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

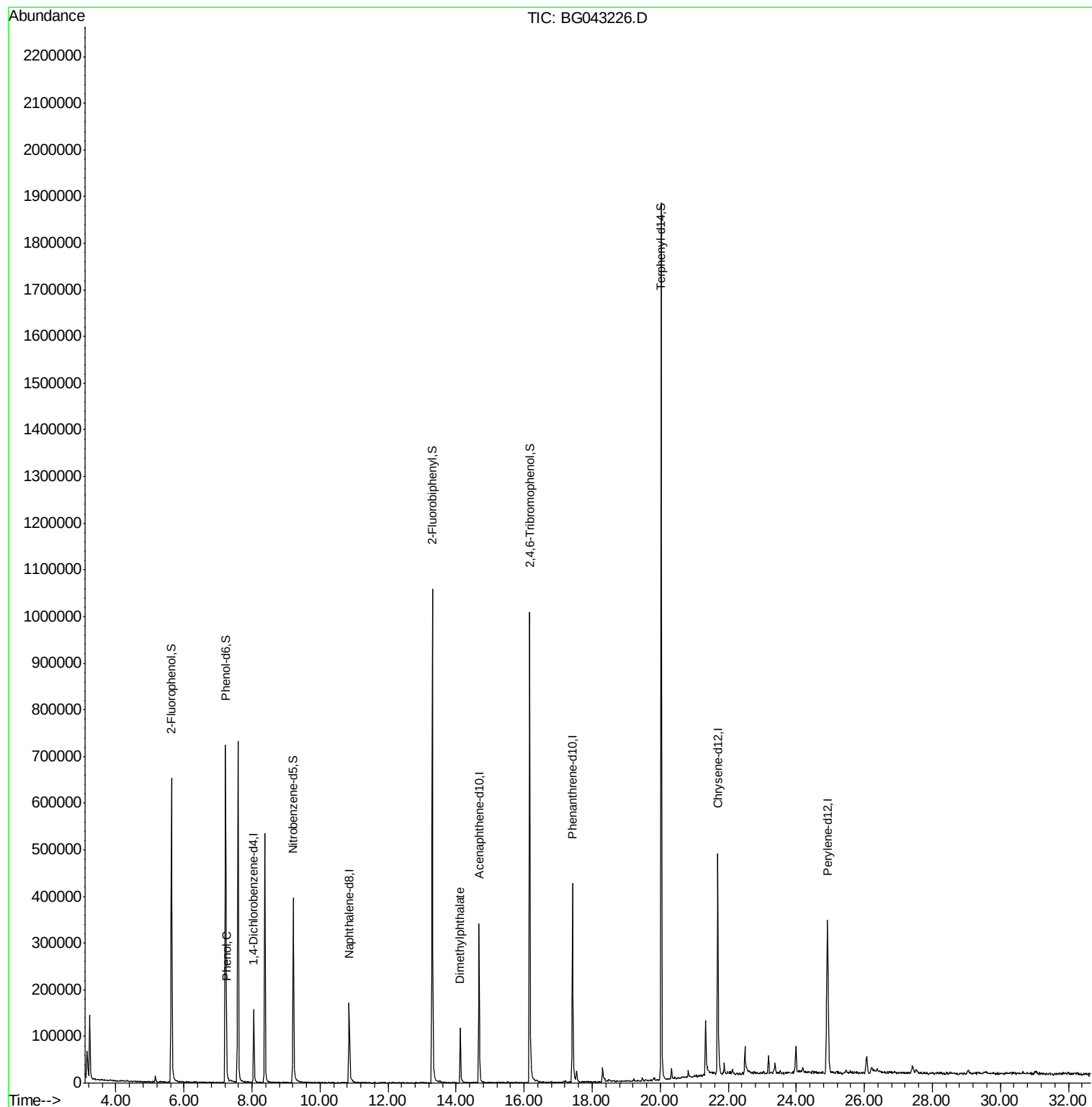
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	46814	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	172936	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	134727	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	317091	20.00	ng	0.00
76) Chrysene-d12	21.69	240	335732	20.00	ng	0.00
87) Perylene-d12	24.91	264	394085	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	304043	115.91	ng	0.00
7) Phenol-d6	7.22	99	440195	116.53	ng	0.00
23) Nitrobenzene-d5	9.21	82	280064	78.71	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	258265	111.48	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	624059	67.15	ng	0.00
79) Terphenyl-d14	20.03	244	1058633	67.19	ng	0.00
Target Compounds						
10) Phenol	7.25	94	9260	2.672	ng	83
50) Dimethylphthalate	14.12	163	94887	9.400	ng	99

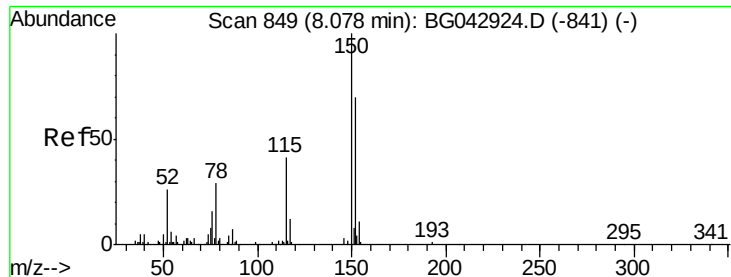
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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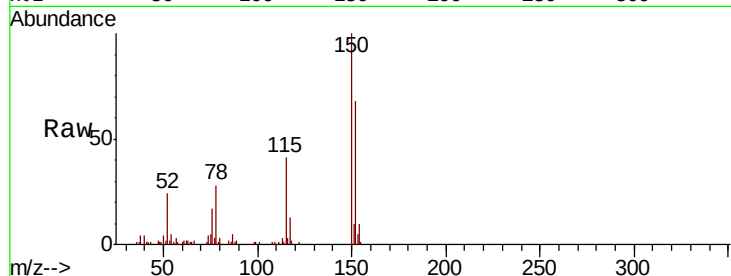


#1

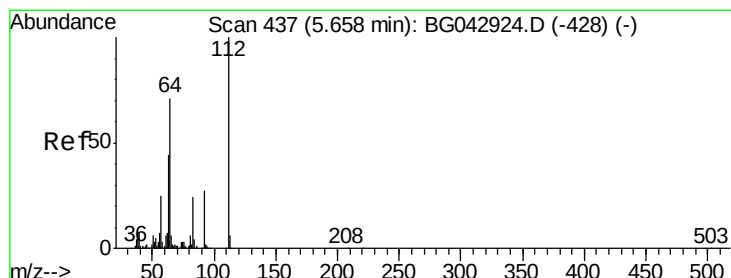
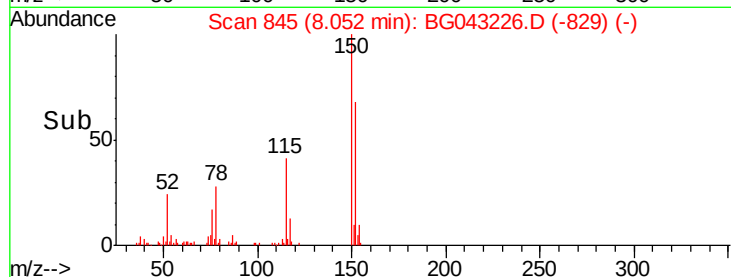
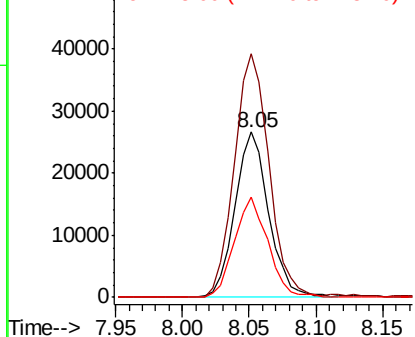
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG043226.D
Acq: 15 Oct 2019 19:49

Instrument :
BNA_G
ClientSampleId :
VNJ-11935

Tot Ion:152 Resp: 46814
Ion Ratio Lower Upper
152 100
150 147.5 115.0 172.4
115 60.7 47.0 70.6



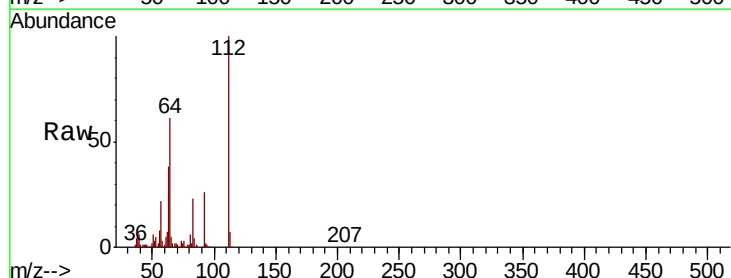
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



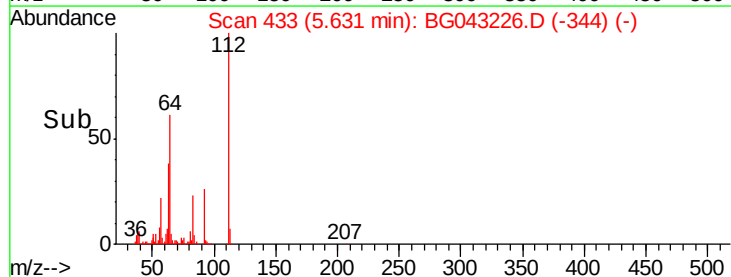
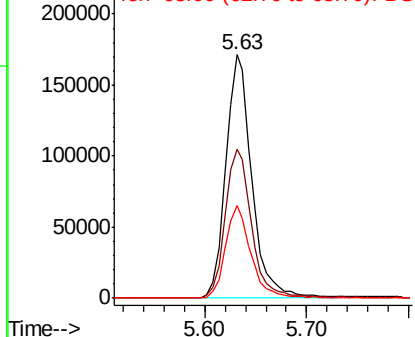
#5

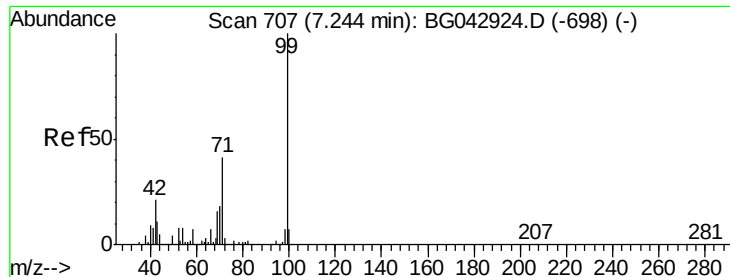
2-Fluorophenol
Concen: 115.906 ng
RT: 5.63 min Scan# 433
Delta R.T. -0.01 min
Lab File: BG043226.D
Acq: 15 Oct 2019 19:49

Tgt Ion:112 Resp: 304043
Ion Ratio Lower Upper
112 100
64 60.9 56.6 84.8
63 37.8 35.1 52.7



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: 116.529 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043226.D

Acq: 15 Oct 2019 19:49

Instrument :

BNA_G

ClientSampleId :

VNJ-11935

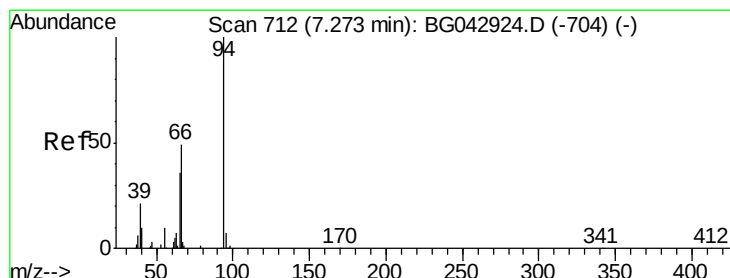
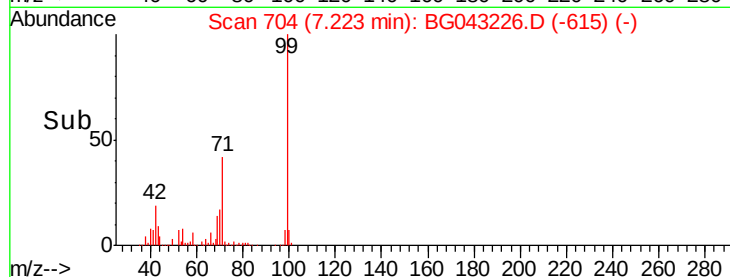
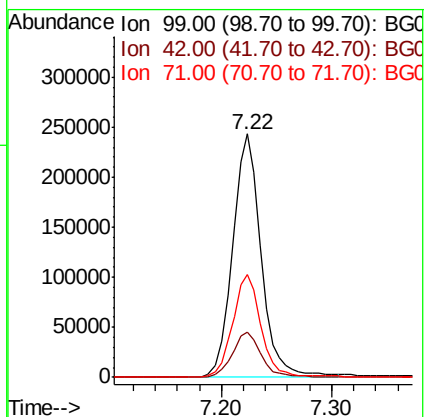
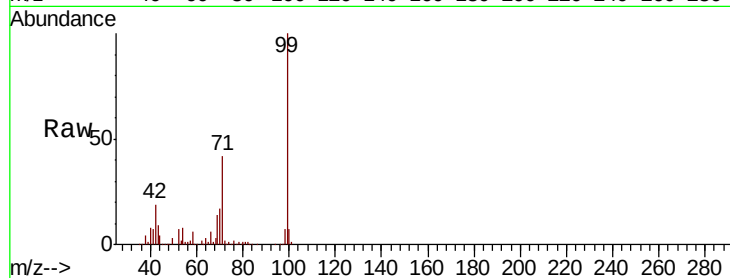
Tot Ion: 99 Resp: 440195

Ion Ratio Lower Upper

99 100

42 18.6 17.2 25.8

71 42.2 33.1 49.7



#10

Phenol

Concen: 2.672 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG043226.D

Acq: 15 Oct 2019 19:49

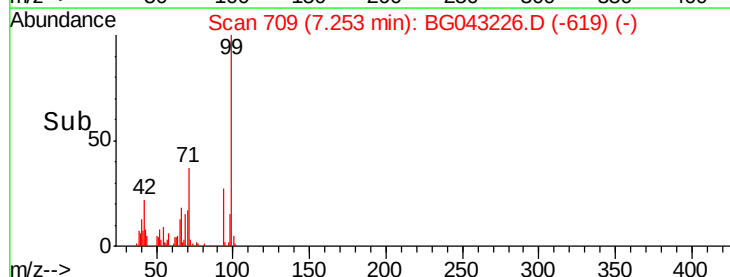
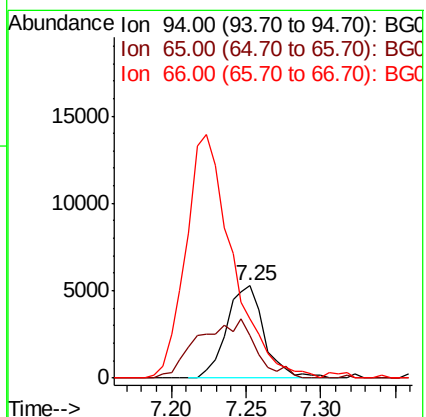
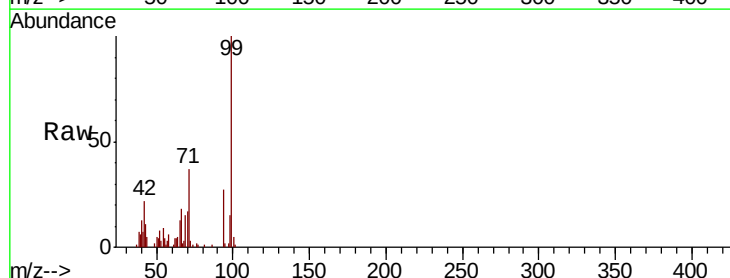
Tgt Ion: 94 Resp: 9260

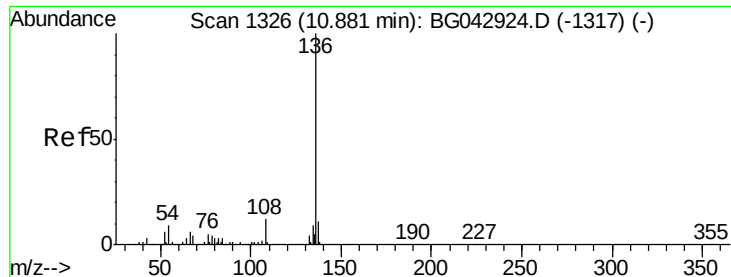
Ion Ratio Lower Upper

94 100

65 46.5 16.6 56.6

66 64.3 32.4 72.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BG043226.D

Acq: 15 Oct 2019 19:49

Instrument :

BNA_G

ClientSampleId :

VNJ-11935

Tot Ion:136 Resp: 172936

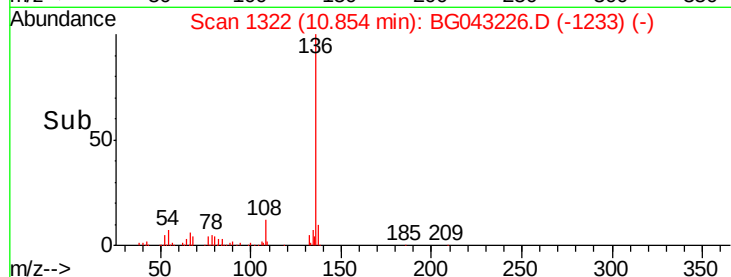
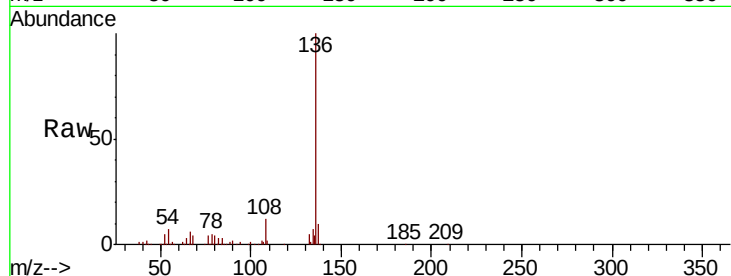
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 7.4 7.4 11.2#

68 4.4 3.6 5.4

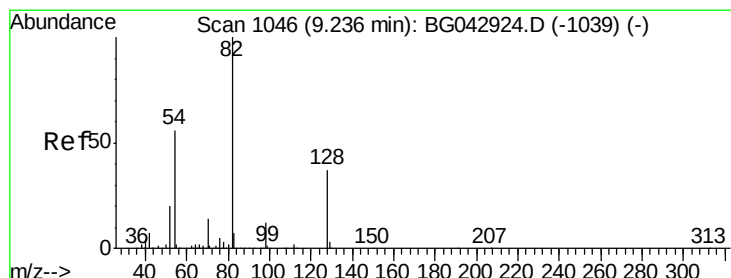
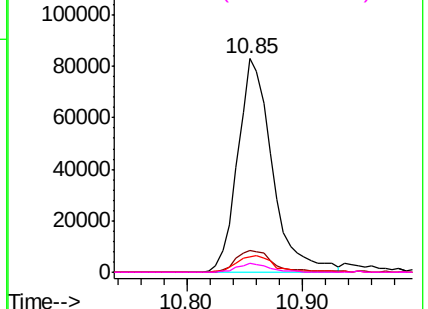


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.714 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BG043226.D

Acq: 15 Oct 2019 19:49

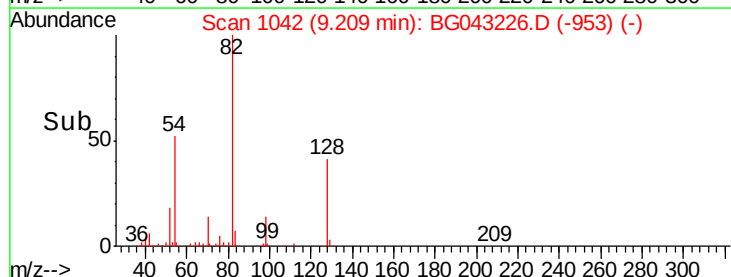
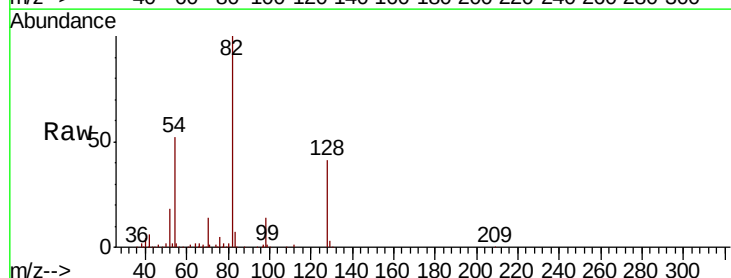
Tgt Ion: 82 Resp: 280064

Ion Ratio Lower Upper

82 100

128 40.9 29.5 44.3

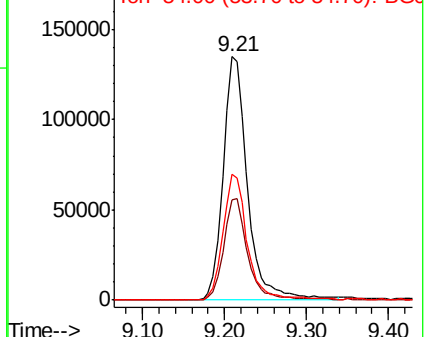
54 51.9 44.6 67.0

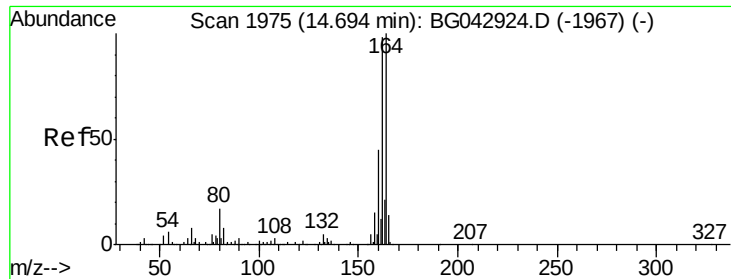


Abundance Ion 82.00 (81.70 to 82.70): BG

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# 1972

Delta R.T. -0.01 min

Lab File: BG043226.D

Acq: 15 Oct 2019 19:49

Instrument :

BNA_G

ClientSampleId :

VNJ-11935

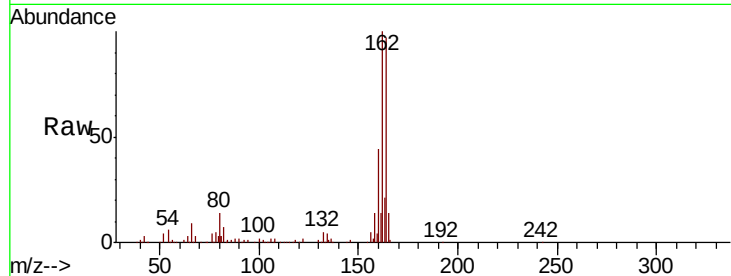
Tot Ion:164 Resp: 134727

Ion Ratio Lower Upper

164 100

162 102.7 78.5 117.7

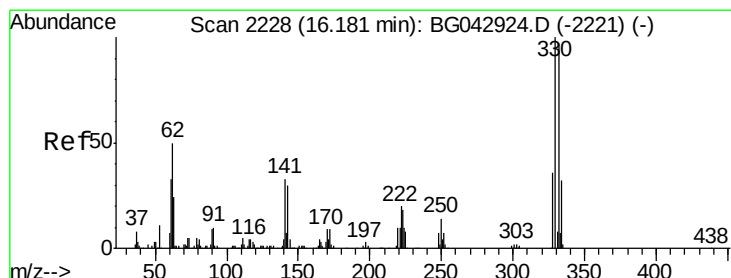
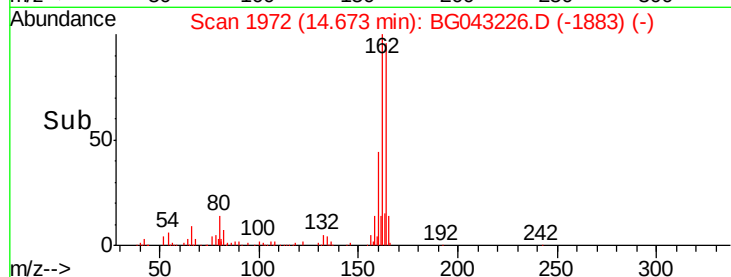
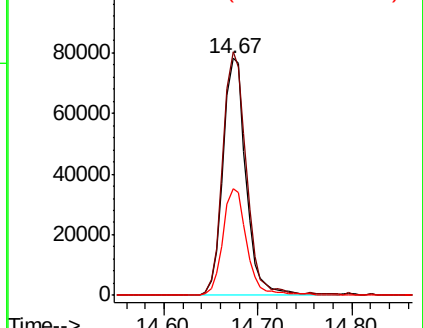
160 44.9 35.9 53.9



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: 111.479 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG043226.D

Acq: 15 Oct 2019 19:49

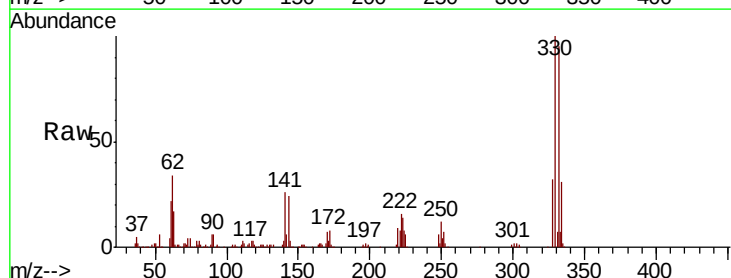
Tgt Ion:330 Resp: 258265

Ion Ratio Lower Upper

330 100

332 96.2 78.2 117.2

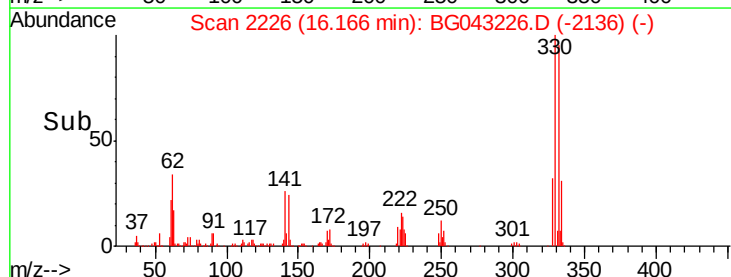
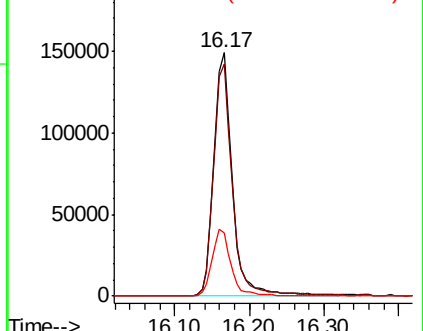
141 27.6 26.0 39.0

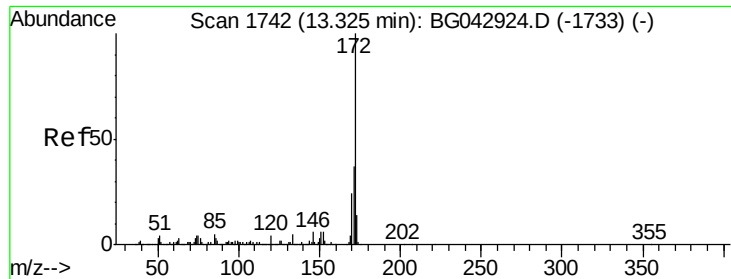


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 67.150 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.01 min

Lab File: BG043226.D

Acq: 15 Oct 2019 19:49

Instrument :

BNA_G

ClientSampleId :

VNJ-11935

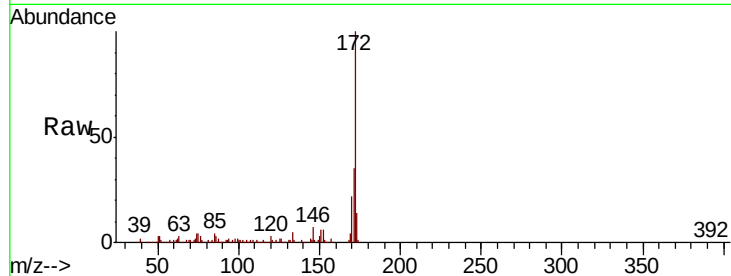
Tot Ion:172 Resp: 624059

Ion Ratio Lower Upper

172 100

171 34.6 29.6 44.4

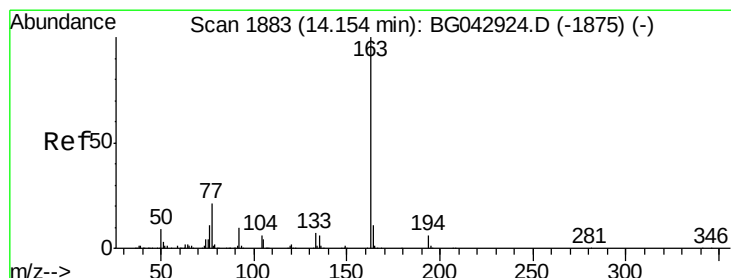
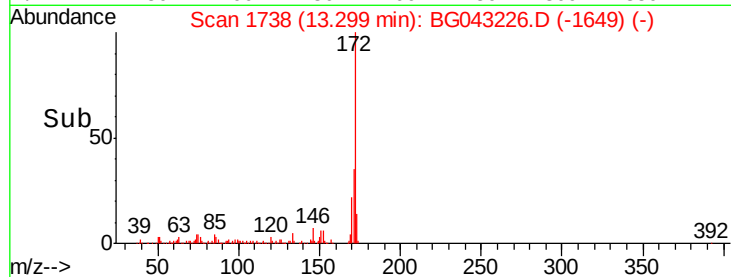
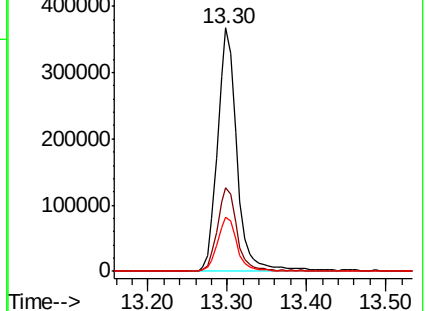
170 22.3 19.6 29.4



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: 9.400 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG043226.D

Acq: 15 Oct 2019 19:49

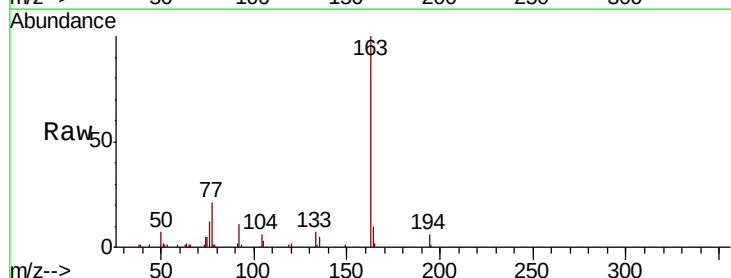
Tgt Ion:163 Resp: 94887

Ion Ratio Lower Upper

163 100

194 5.6 4.4 6.6

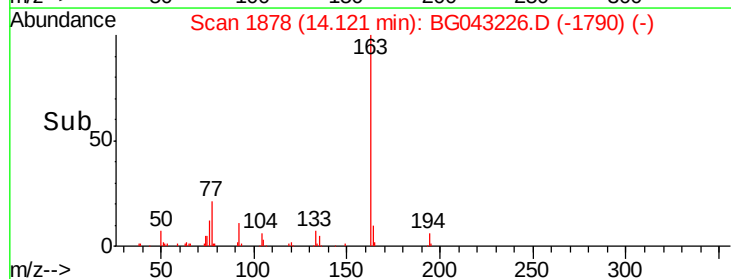
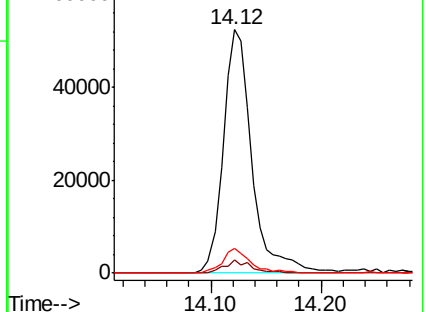
164 10.3 8.6 12.8

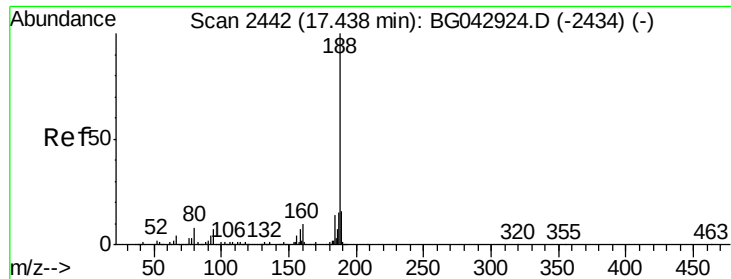


Abundance Ion 163.00 (162.70 to 163.70): E

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# 2440

Delta R.T. 0.00 min

Lab File: BG043226.D

Acq: 15 Oct 2019 19:49

Instrument :

BNA_G

ClientSampleId :

VNJ-11935

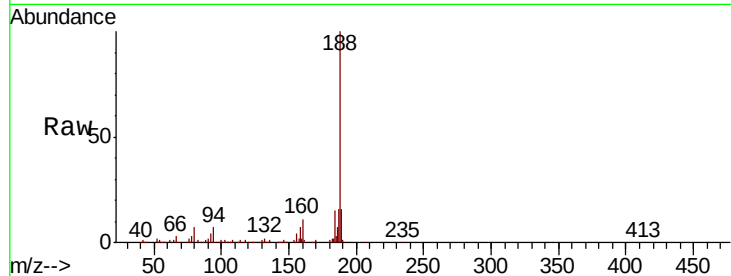
Tot Ion:188 Resp: 317091

Ion Ratio Lower Upper

188 100

94 6.9 5.7 8.5

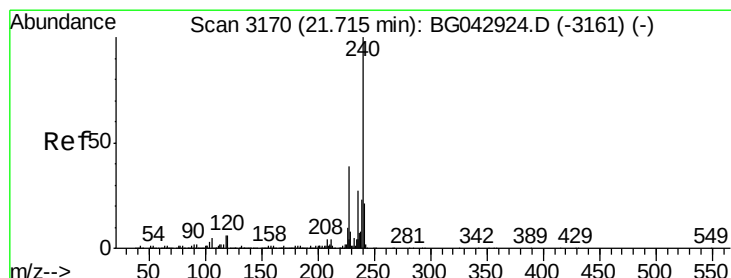
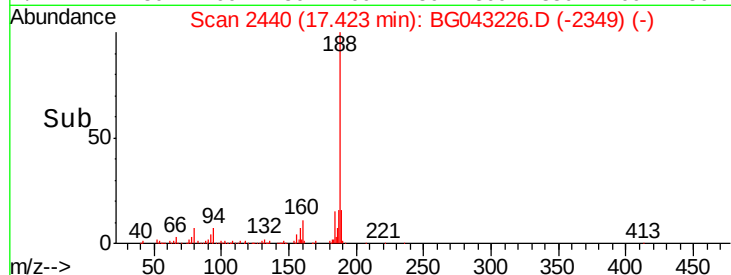
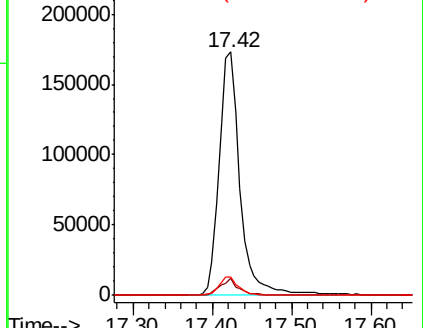
80 7.3 6.5 9.7



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: 21.69 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG043226.D

Acq: 15 Oct 2019 19:49

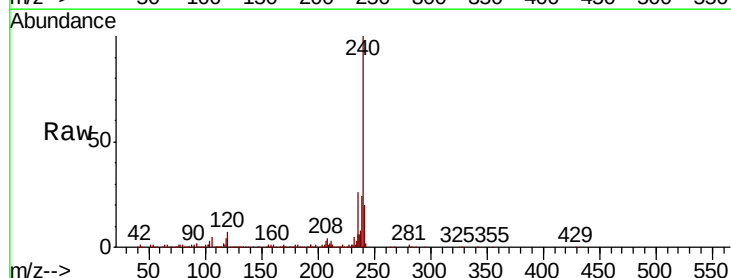
Tgt Ion:240 Resp: 335732

Ion Ratio Lower Upper

240 100

120 6.6 4.8 7.2

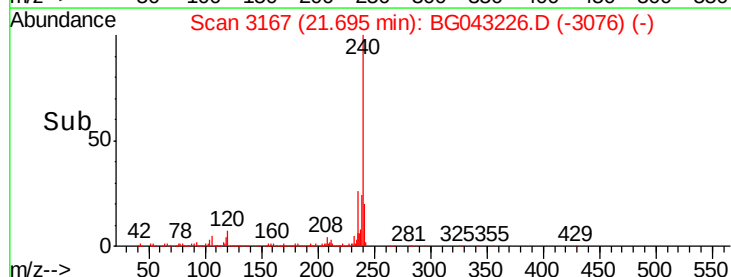
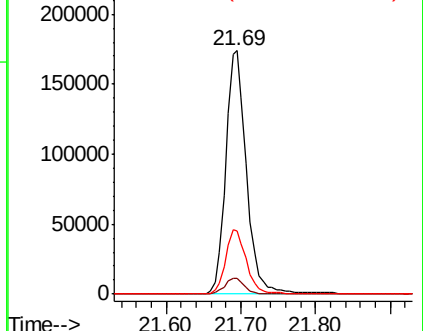
236 26.1 21.4 32.0

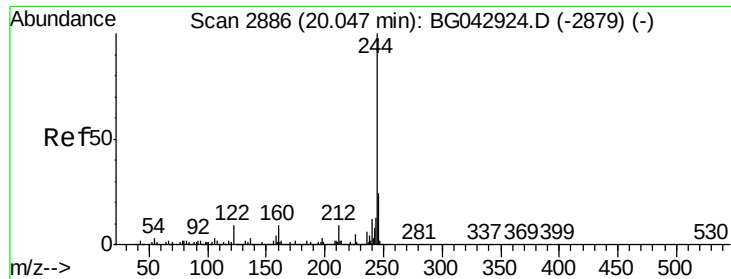


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 67.191 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG043226.D

Acq: 15 Oct 2019 19:49

Instrument :

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VNJ-11935

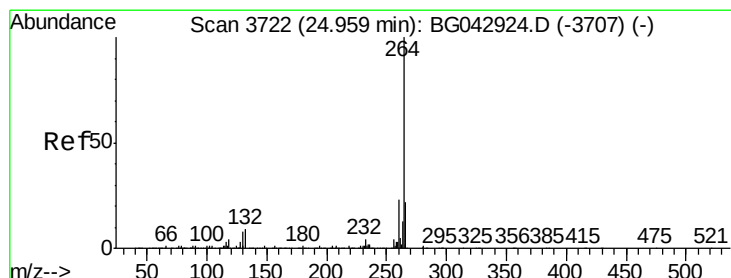
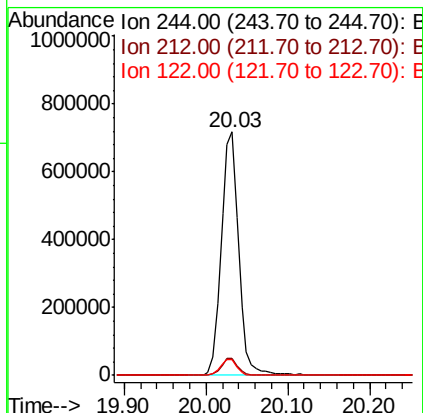
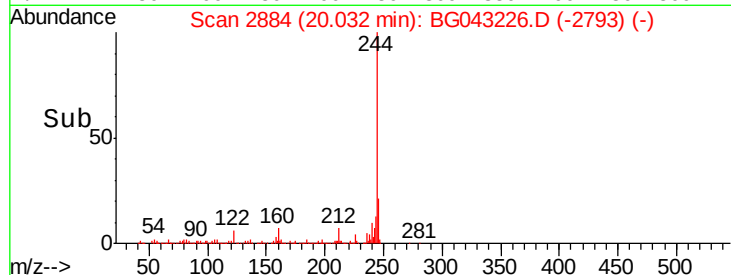
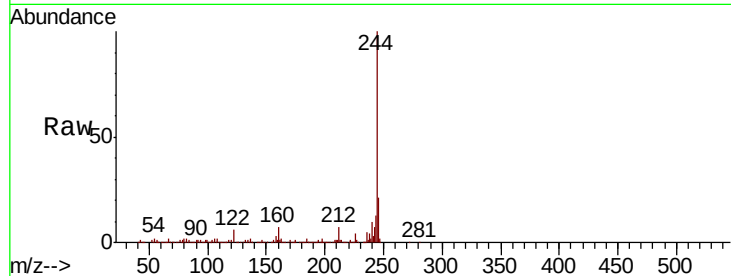
Tot Ion:244 Resp: 1058633

Ion Ratio Lower Upper

244 100

212 7.3 7.4 11.0#

122 6.3 7.0 10.4#



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3715

Delta R.T. 0.00 min

Lab File: BG043226.D

Acq: 15 Oct 2019 19:49

Tgt Ion:264 Resp: 394085

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 22.5 17.7 26.5

