

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100819\
 Data File : BG043089.D
 Acq On : 8 Oct 2019 17:22
 Operator : JU
 Sample : K5141-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-100419

Quant Time: Oct 09 02:15:38 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

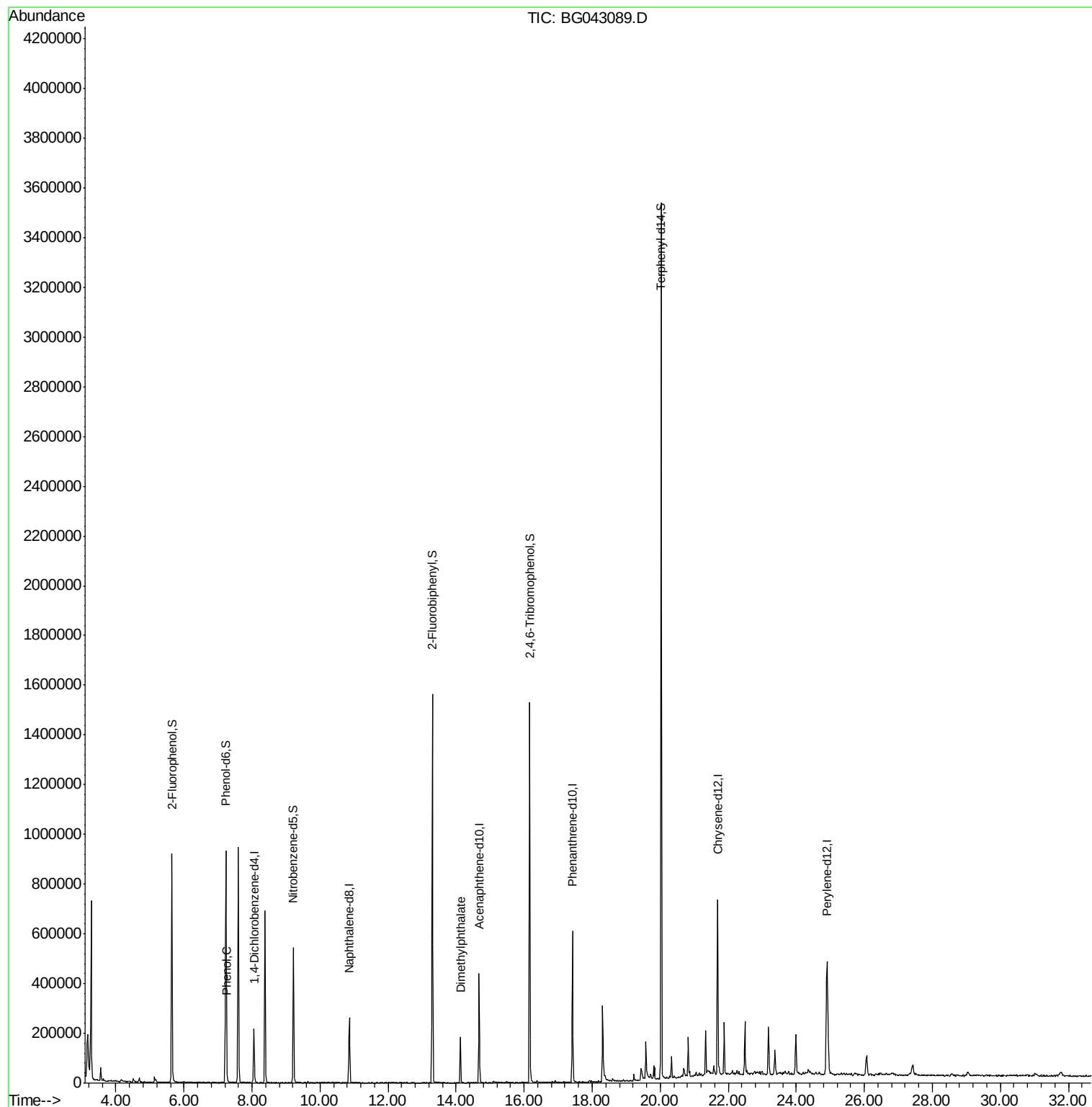
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	63526	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	232151	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	159655	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	387188	20.00	ng	0.00
76) Chrysene-d12	21.68	240	443695	20.00	ng	0.00
87) Perylene-d12	24.90	264	509095	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	392654	110.31	ng	0.00
7) Phenol-d6	7.23	99	556369	108.54	ng	0.00
23) Nitrobenzene-d5	9.22	82	339620	71.11	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	351067	127.88	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	861035	78.18	ng	0.00
79) Terphenyl-d14	20.03	244	1771354	85.07	ng	0.00
Target Compounds						
10) Phenol	7.26	94	14243	3.028	ng	89
50) Dimethylphthalate	14.13	163	126865	10.605	ng	# 98

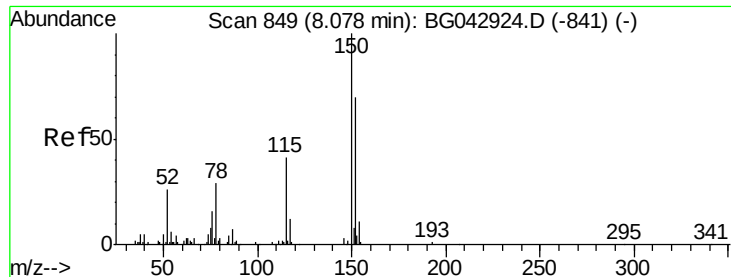
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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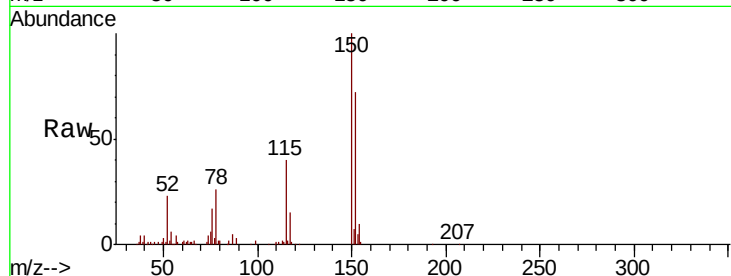


#1

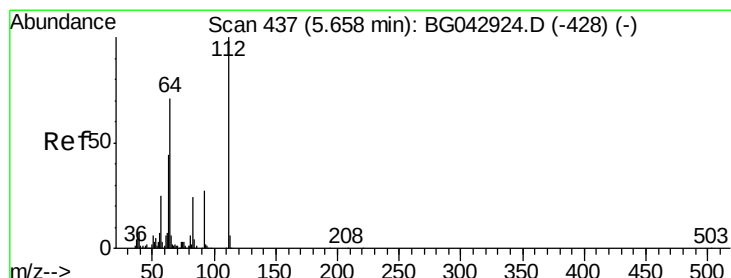
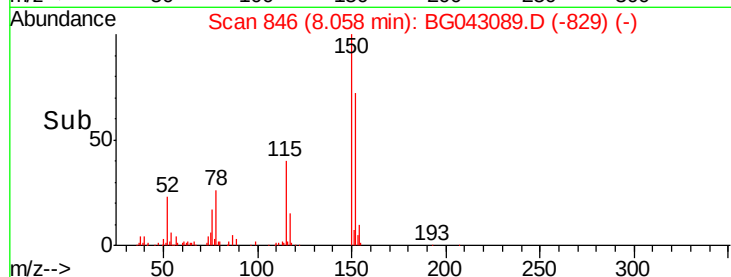
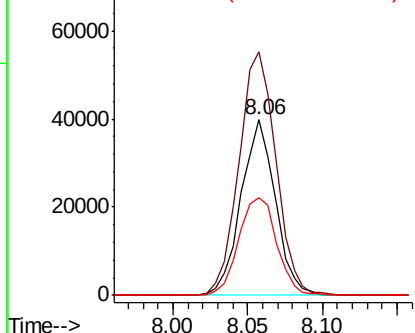
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG043089.D
Acq: 8 Oct 2019 17:22

Instrument :
BNA_G
ClientSampleId :
JC-02-100419

Tot Ion:152 Resp: 63526
Ion Ratio Lower Upper
152 100
150 138.8 115.0 172.4
115 55.3 47.0 70.6



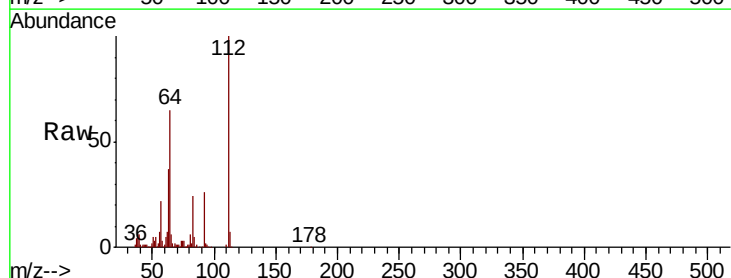
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



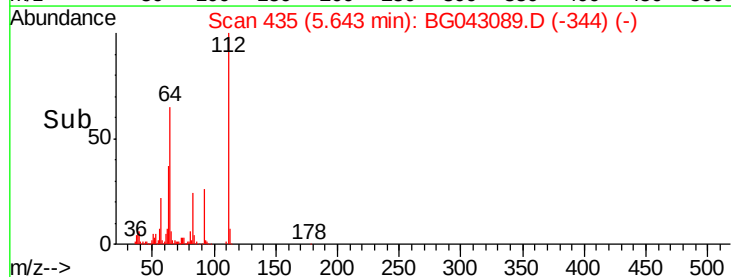
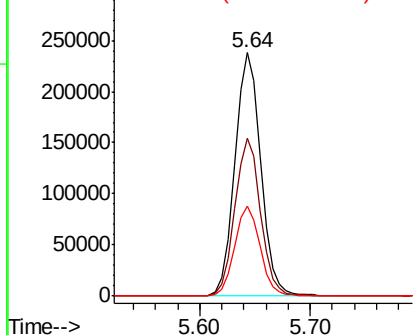
#5

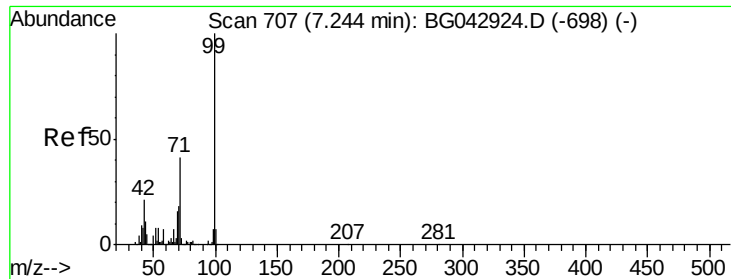
2-Fluorophenol
Concen: 110.307 ng
RT: 5.64 min Scan# 435
Delta R.T. 0.00 min
Lab File: BG043089.D
Acq: 8 Oct 2019 17:22

Tgt Ion:112 Resp: 392654
Ion Ratio Lower Upper
112 100
64 65.0 56.6 84.8
63 37.2 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: 108.537 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG043089.D

Acq: 8 Oct 2019 17:22

Instrument :

BNA_G

ClientSampleId :

JC-02-100419

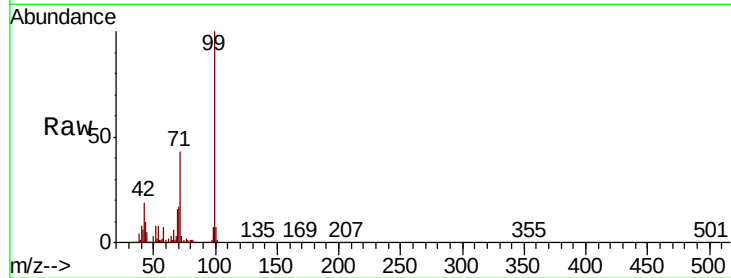
Tot Ion: 99 Resp: 556369

Ion Ratio Lower Upper

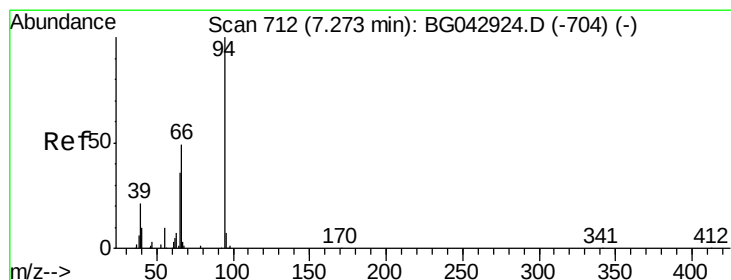
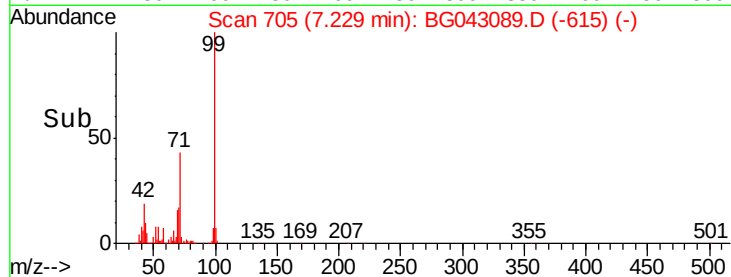
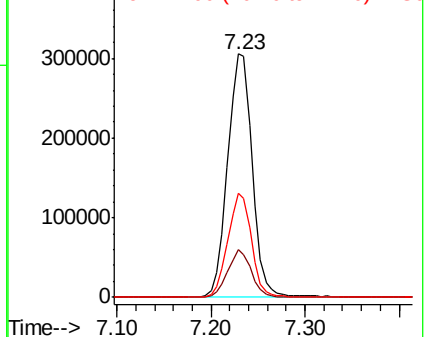
99 100

42 19.5 17.2 25.8

71 42.5 33.1 49.7



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: 3.028 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.00 min

Lab File: BG043089.D

Acq: 8 Oct 2019 17:22

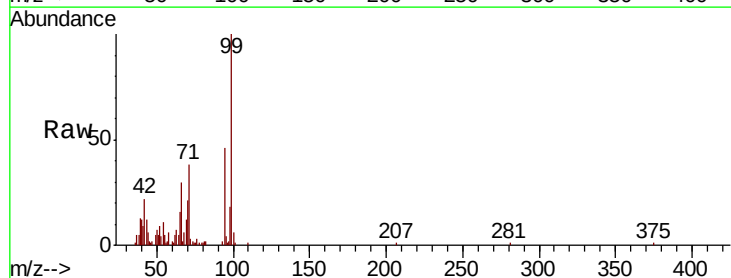
Tgt Ion: 94 Resp: 14243

Ion Ratio Lower Upper

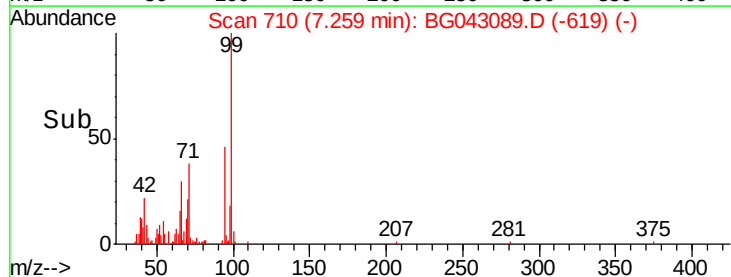
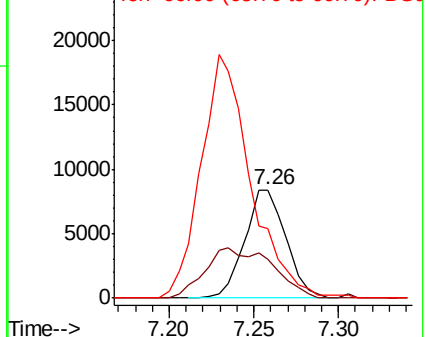
94 100

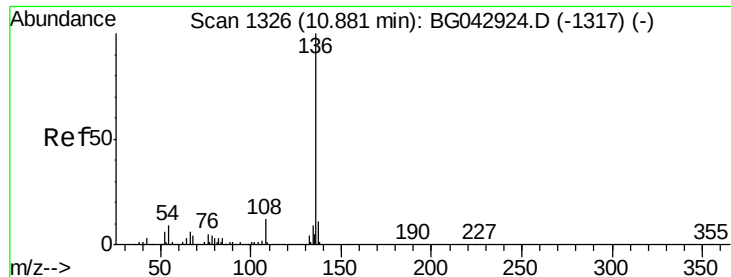
65 36.1 16.6 56.6

66 64.8 32.4 72.4



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

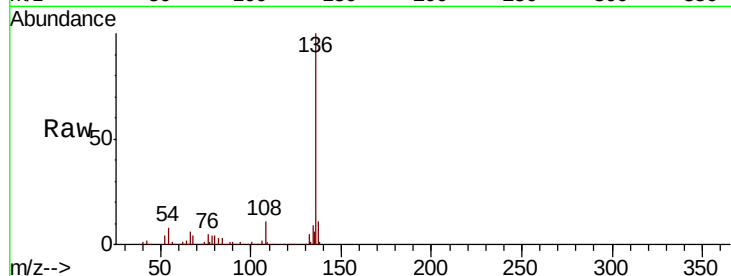




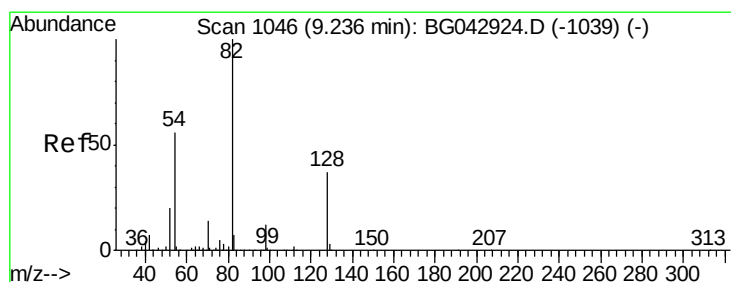
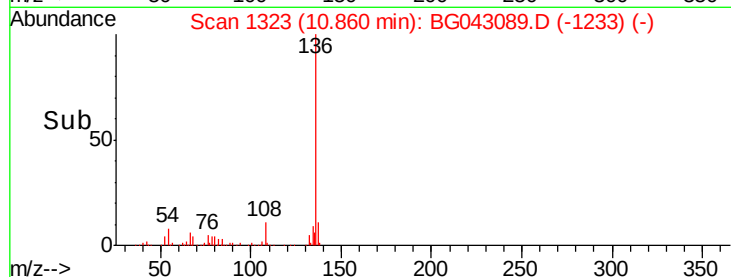
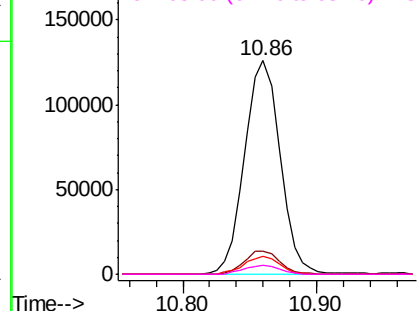
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG043089.D
Acq: 8 Oct 2019 17:22

Instrument :
BNA_G
ClientSampleId :
JC-02-100419

Tot Ion:136	Resp:	232151
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.5	12.7
54 8.2	7.4	11.2
68 4.2	3.6	5.4

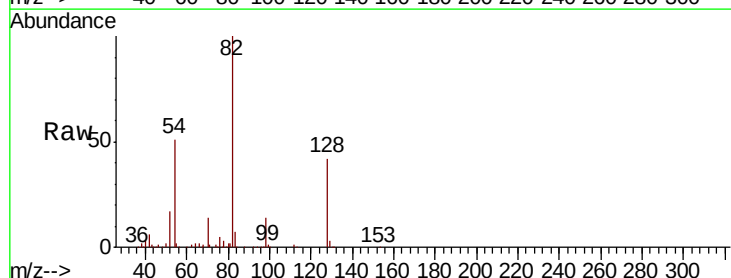


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

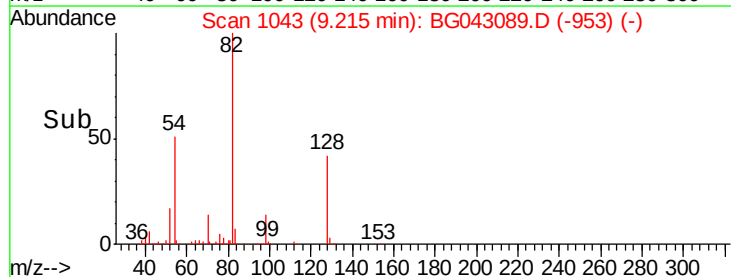
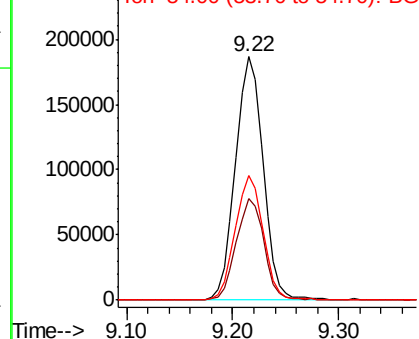


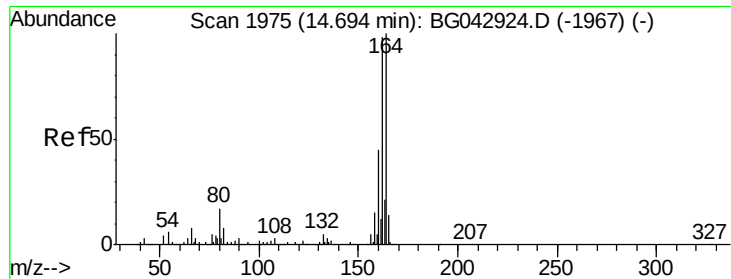
#23
Nitrobenzene-d5
Concen: 71.106 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG043089.D
Acq: 8 Oct 2019 17:22

Tgt Ion: 82	Resp: 339620
Ion Ratio	Lower Upper
82 100	
128 41.8	29.5 44.3
54 51.2	44.6 67.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG043089.D

Acq: 8 Oct 2019 17:22

Instrument :

BNA_G

ClientSampled :

JC-02-100419

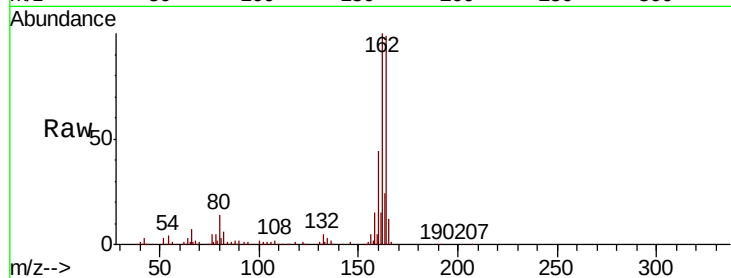
Tot Ion:164 Resp: 159655

Ion Ratio Lower Upper

164 100

162 101.1 78.5 117.7

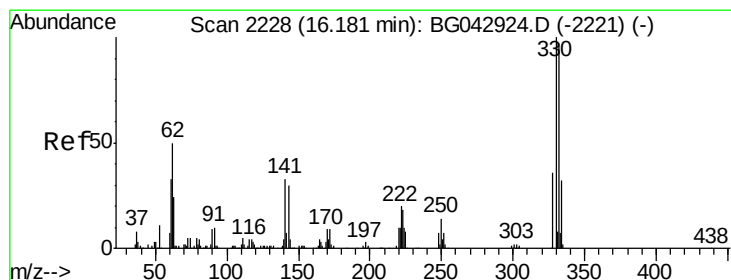
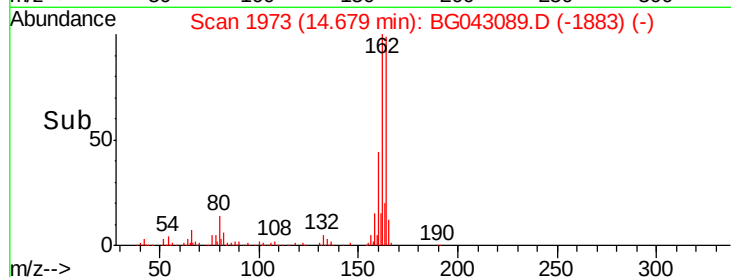
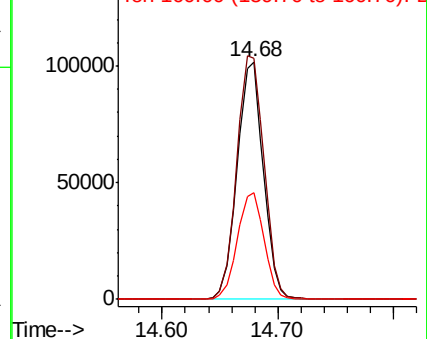
160 44.7 35.9 53.9



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: 127.876 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG043089.D

Acq: 8 Oct 2019 17:22

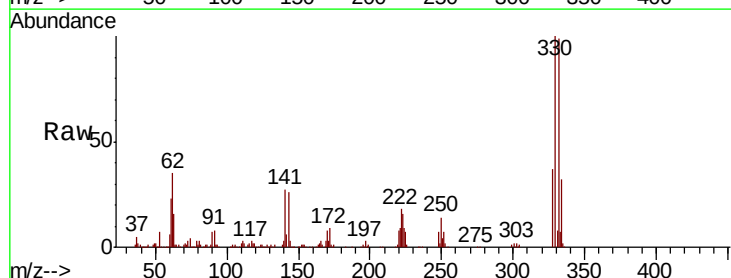
Tgt Ion:330 Resp: 351067

Ion Ratio Lower Upper

330 100

332 95.6 78.2 117.2

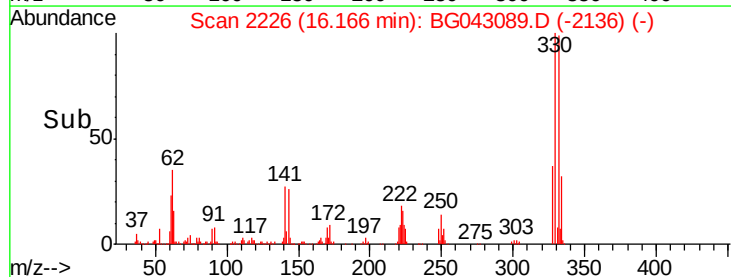
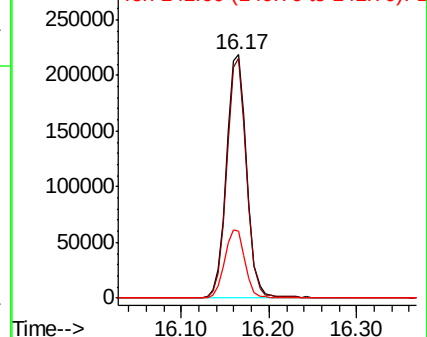
141 28.1 26.0 39.0

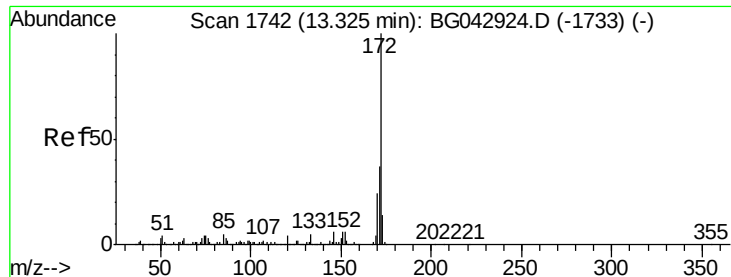


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 78.184 ng

RT: 13.30 min Scan# 1739

Delta R.T. -0.00 min

Lab File: BG043089.D

Acq: 8 Oct 2019 17:22

Instrument :

BNA_G

ClientSampleId :

JC-02-100419

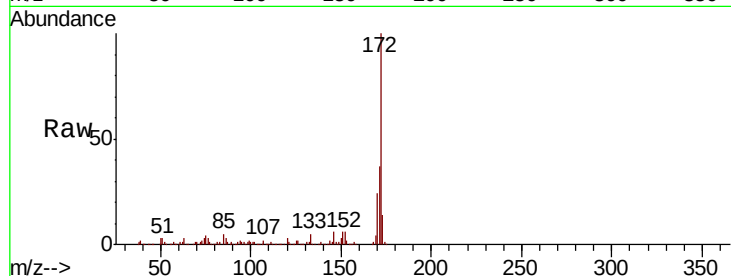
Tot Ion:172 Resp: 861035

Ion Ratio Lower Upper

172 100

171 37.2 29.6 44.4

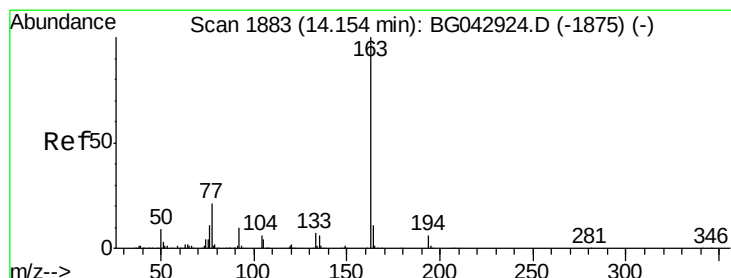
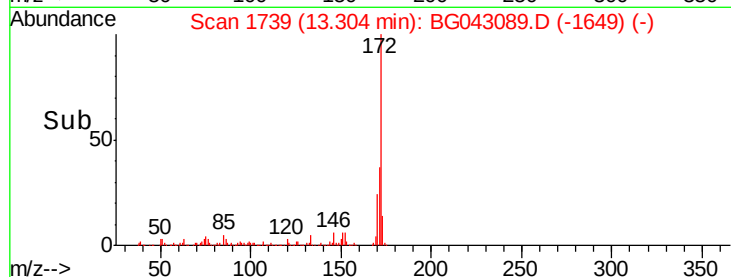
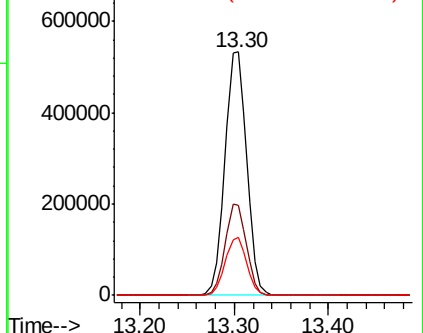
170 23.9 19.6 29.4



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: 10.605 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG043089.D

Acq: 8 Oct 2019 17:22

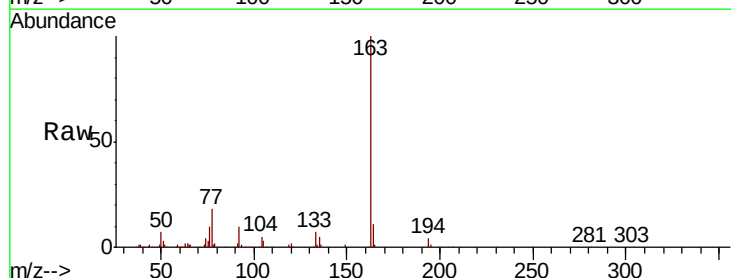
Tgt Ion:163 Resp: 126865

Ion Ratio Lower Upper

163 100

194 3.9 4.4 6.6#

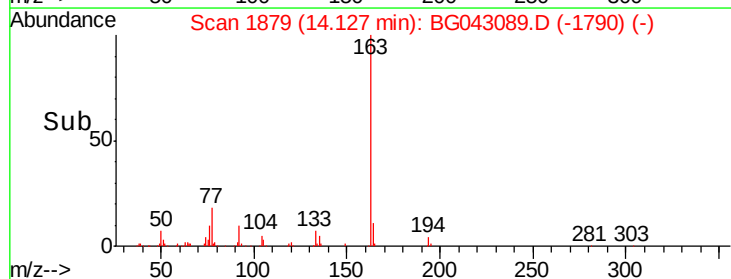
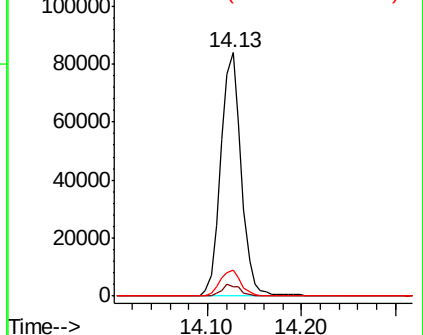
164 10.8 8.6 12.8

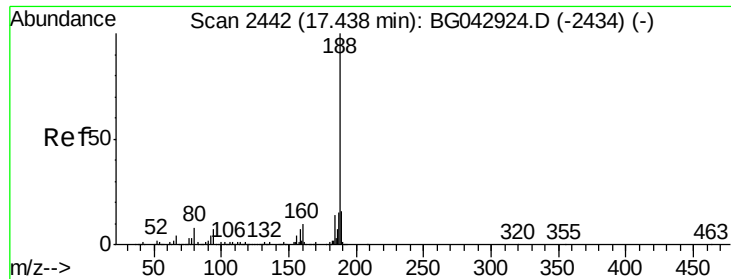


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

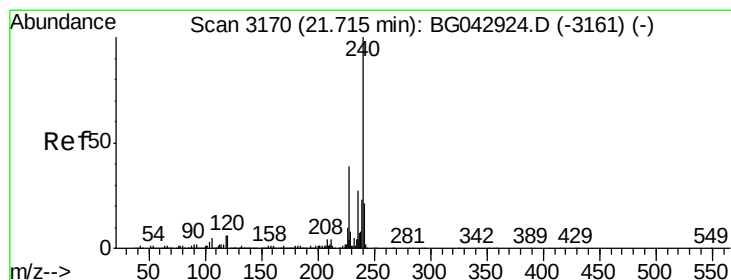
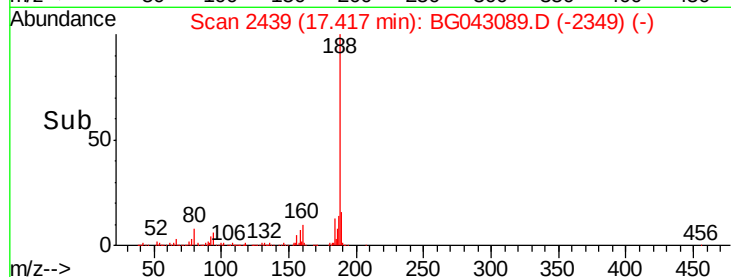
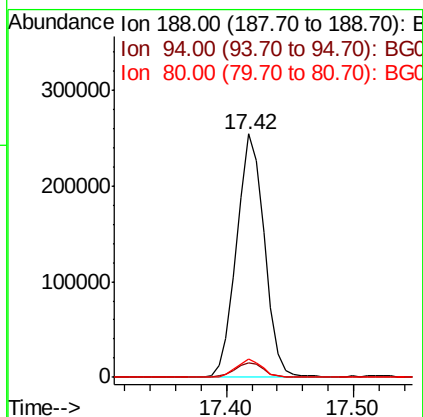
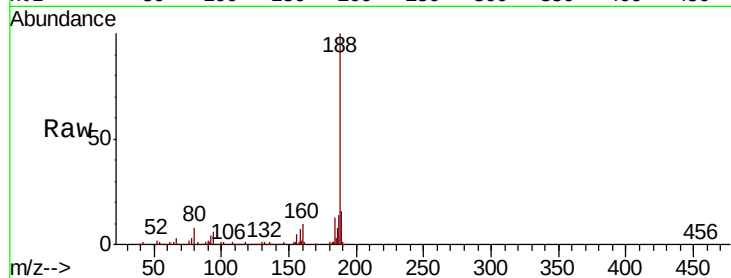




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG043089.D
Acq: 8 Oct 2019 17:22

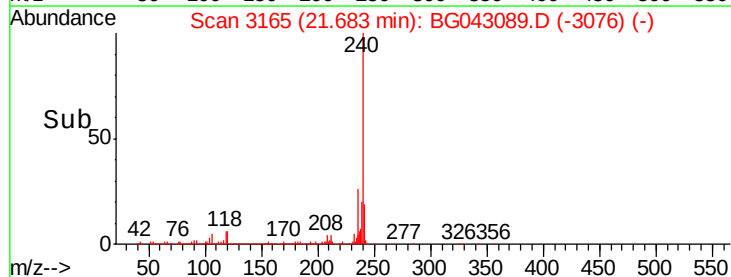
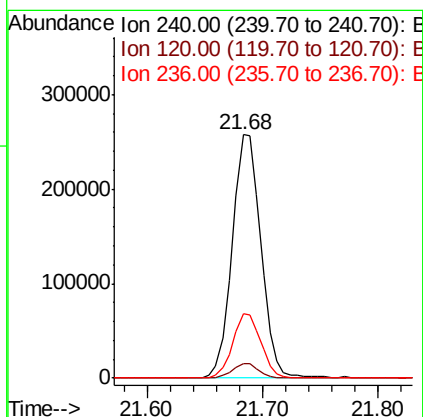
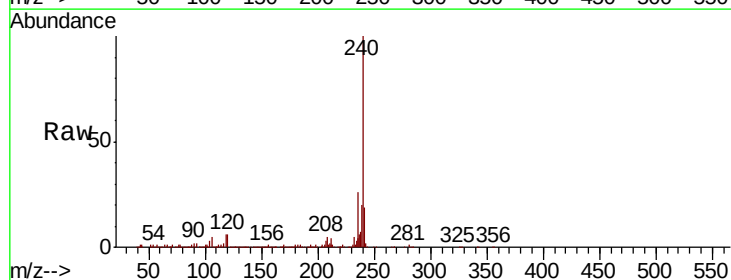
Instrument :
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JC-02-100419

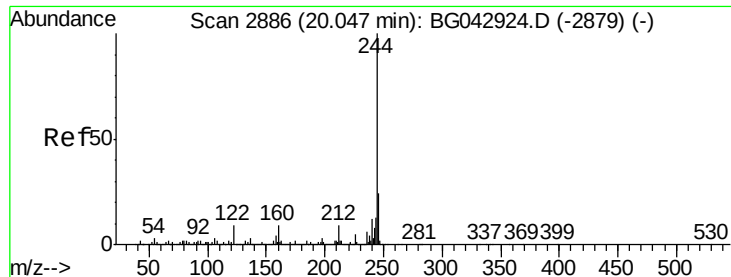
Tot Ion:188 Resp: 387188
Ion Ratio Lower Upper
188 100
94 5.8 5.7 8.5
80 7.5 6.5 9.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG043089.D
Acq: 8 Oct 2019 17:22

Tgt Ion:240 Resp: 443695
Ion Ratio Lower Upper
240 100
120 6.2 4.8 7.2
236 26.3 21.4 32.0





#79

Terphenyl-d14

Concen: 85.071 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG043089.D

Acq: 8 Oct 2019 17:22

Instrument :

BNA_G

ClientSampleId :

JC-02-100419

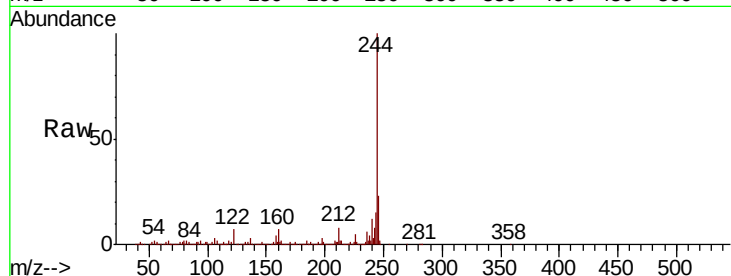
Tot Ion:244 Resp: 1771354

Ion Ratio Lower Upper

244 100

212 8.2 7.4 11.0

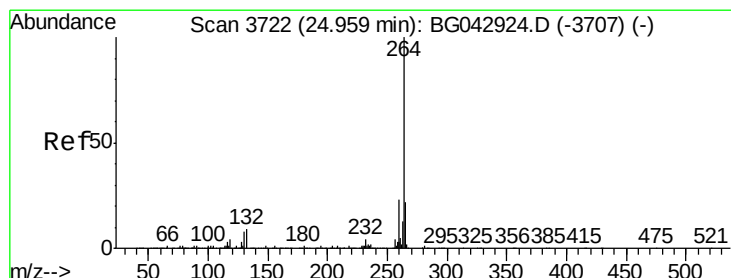
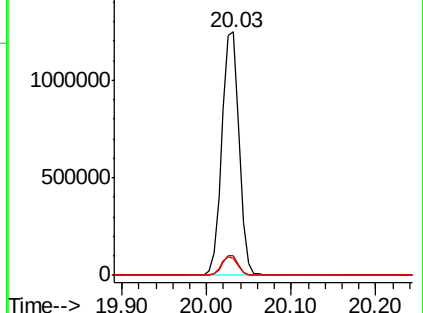
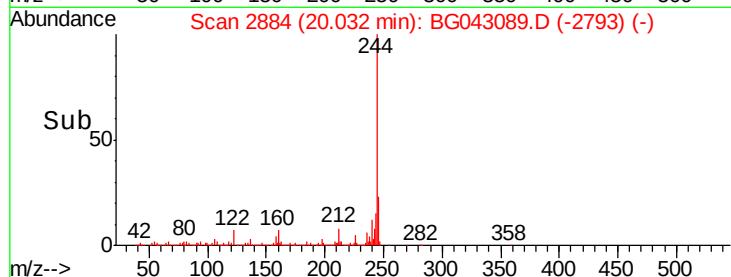
122 7.0 7.0 10.4



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: 24.90 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG043089.D

Acq: 8 Oct 2019 17:22

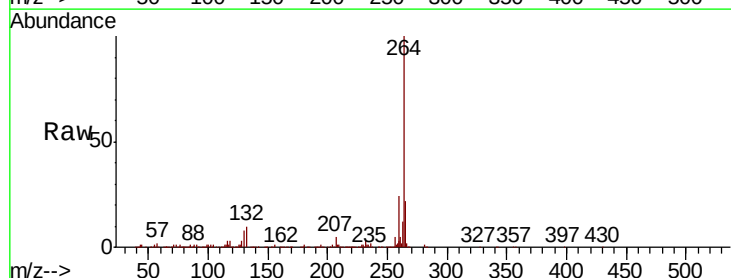
Tgt Ion:264 Resp: 509095

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 21.7 17.7 26.5



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

