

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039610.D
 Acq On : 26 Feb 2019 21:19
 Operator : JU/SJ
 Sample : K1594-31
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-4B(14-15)

Quant Time: Feb 27 03:29:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

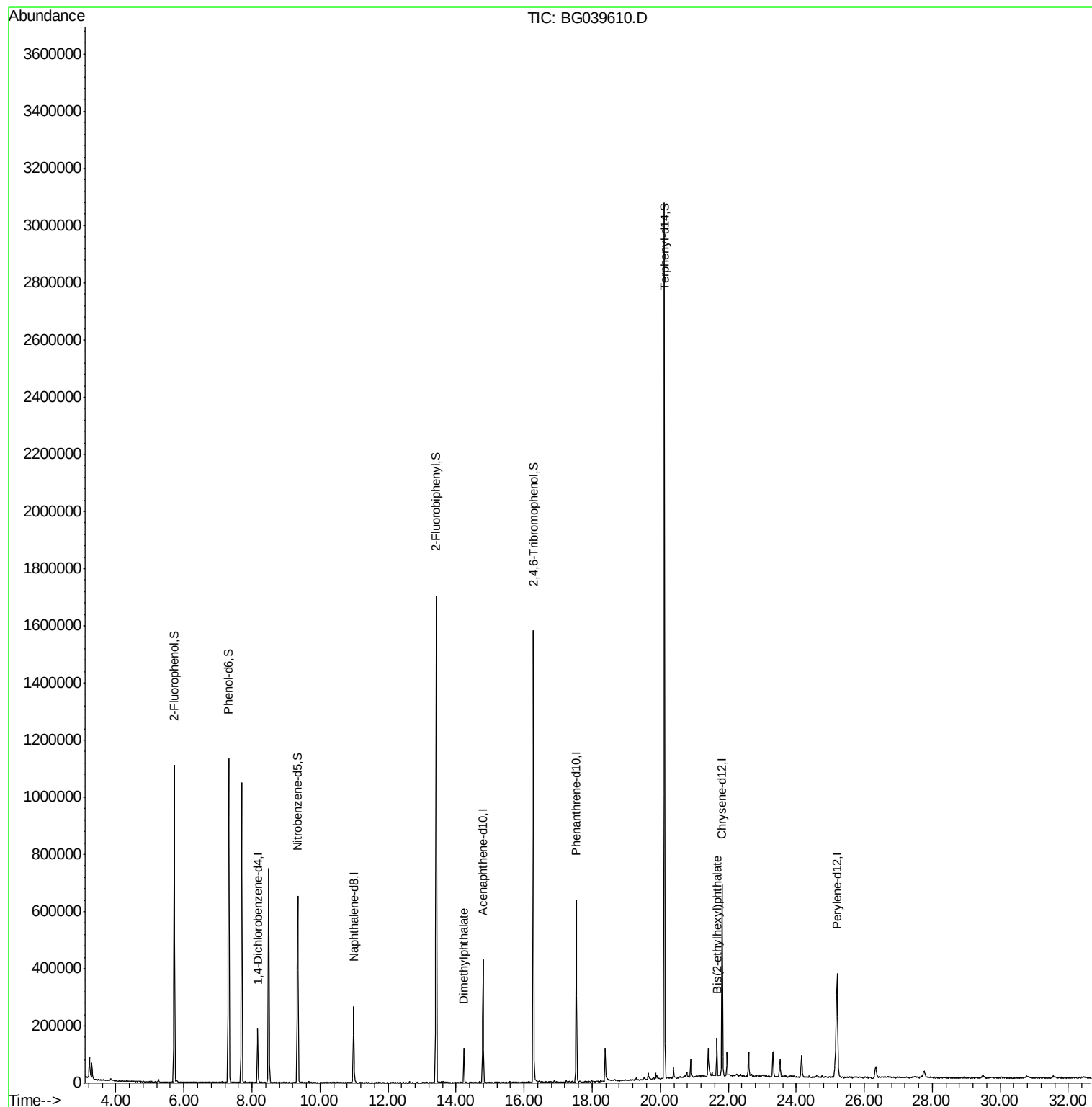
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	52531	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	220549	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	151130	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	383400	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	411850	20.00	ng	-0.03
87) Perylene-d12	25.20	264	420838	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	461339	150.31	ng	0.00
7) Phenol-d6	7.32	99	662195	146.57	ng	0.00
23) Nitrobenzene-d5	9.34	82	385377	109.16	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	267084	164.12	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	893655	84.83	ng	-0.02
79) Terphenyl-d14	20.12	244	1447118	74.37	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.23	163	85166	6.977	ng	Qvalue 100
84) Bis(2-ethylhexyl)phthalate	21.67	149	54299	3.519	ng	98

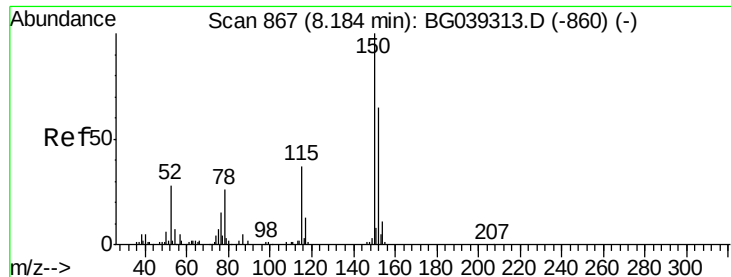
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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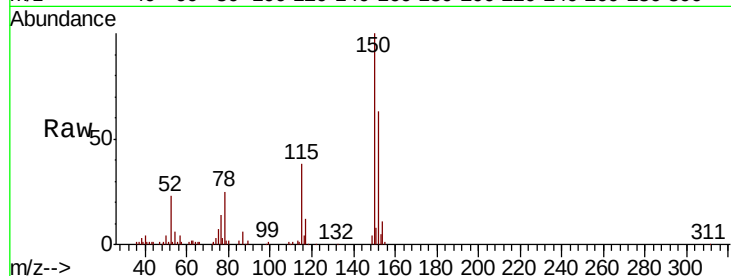


#1

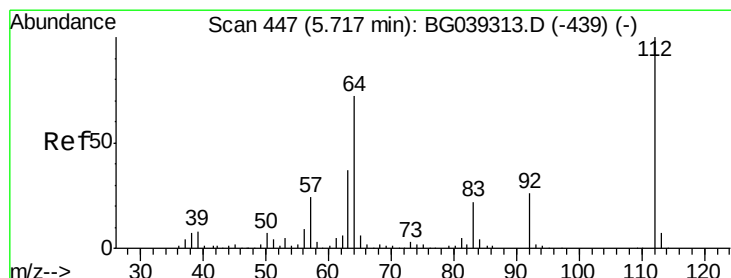
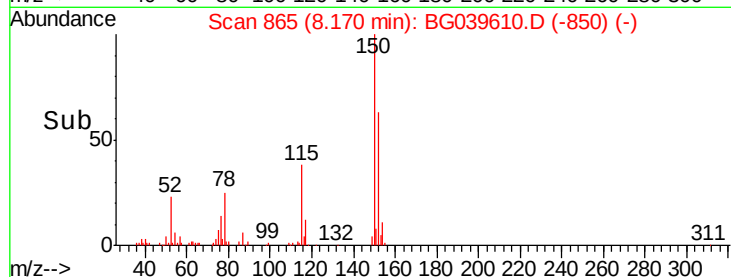
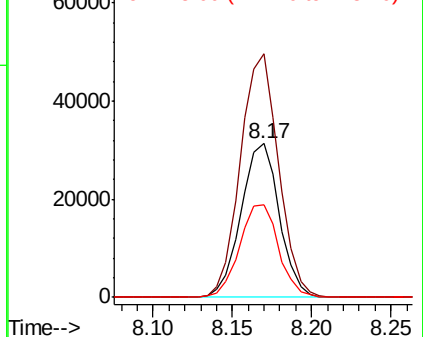
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039610.D
Acq: 26 Feb 2019 21:19

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)

Tot Ion:152 Resp: 52531
Ion Ratio Lower Upper
152 100
150 158.7 123.7 185.5
115 60.3 45.9 68.9



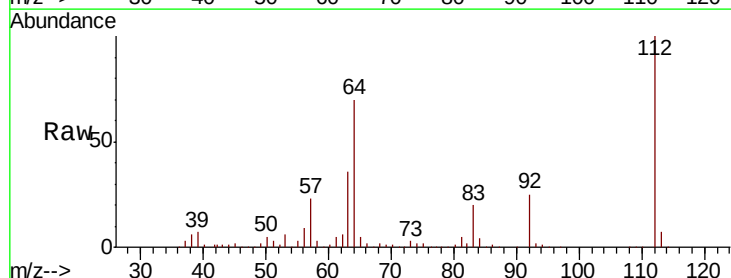
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



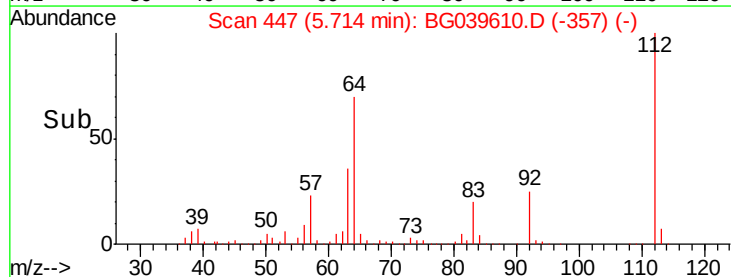
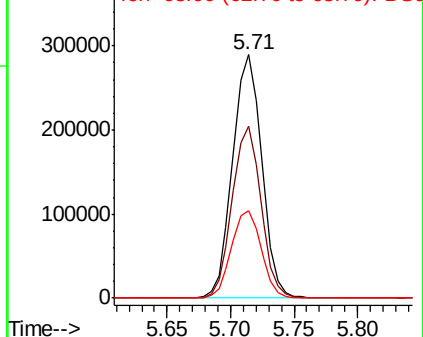
#5

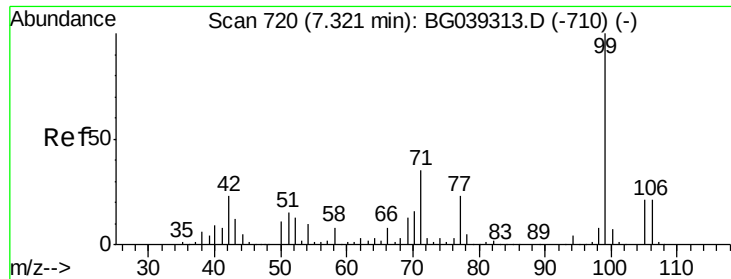
2-Fluorophenol
Concen: 150.309 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039610.D
Acq: 26 Feb 2019 21:19

Tgt Ion:112 Resp: 461339
Ion Ratio Lower Upper
112 100
64 70.4 57.8 86.8
63 35.9 29.8 44.6



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: 146.572 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039610.D

Acq: 26 Feb 2019 21:19

Instrument :

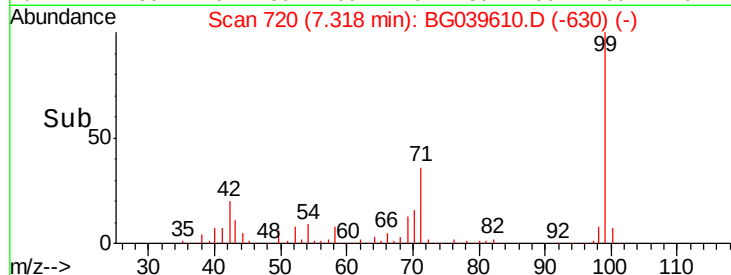
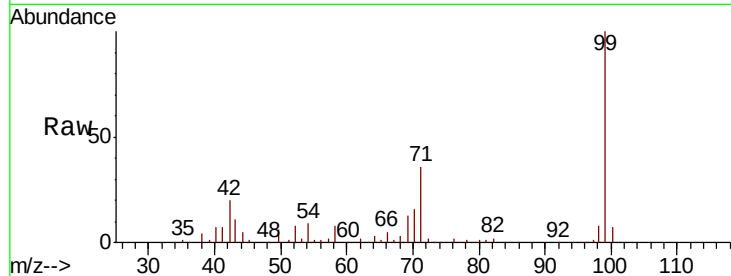
BNA_G

ClientSampleId :

B-4B(14-15)

Tot Ion: 99 Resp: 662195

Ion	Ratio	Lower	Upper
99	100		
42	19.7	18.2	27.2
71	35.9	28.0	42.0

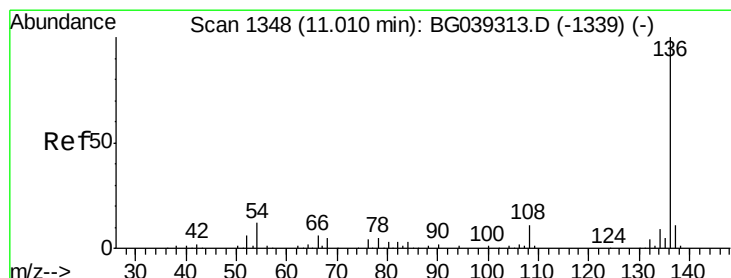
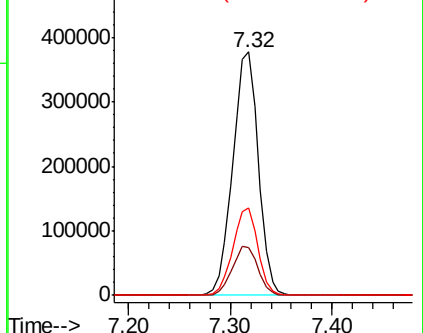


Abundance

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: 10.99 min Scan# 1345

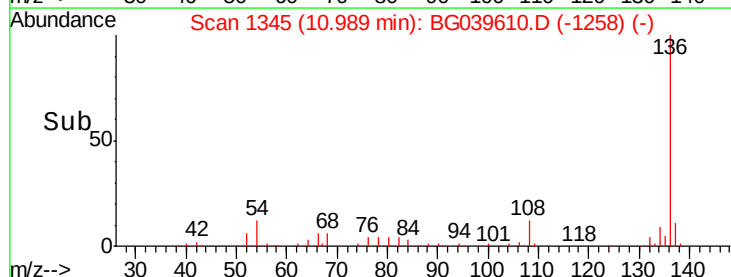
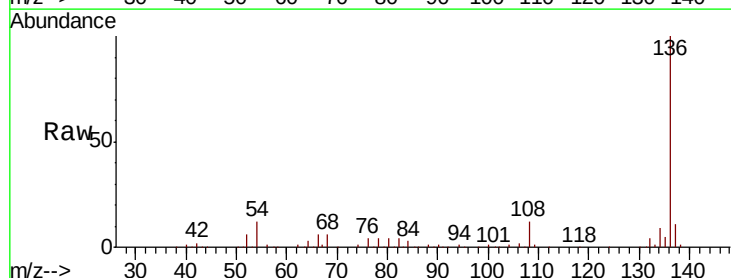
Delta R.T. -0.02 min

Lab File: BG039610.D

Acq: 26 Feb 2019 21:19

Tgt Ion: 136 Resp: 220549

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	11.7	9.4	14.2
68	6.3	4.2	6.4



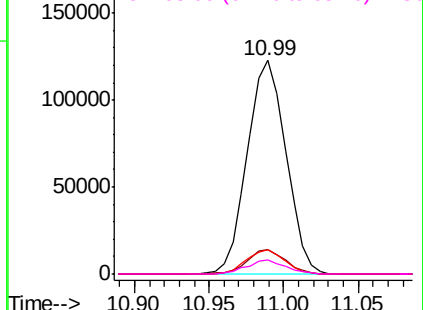
Abundance

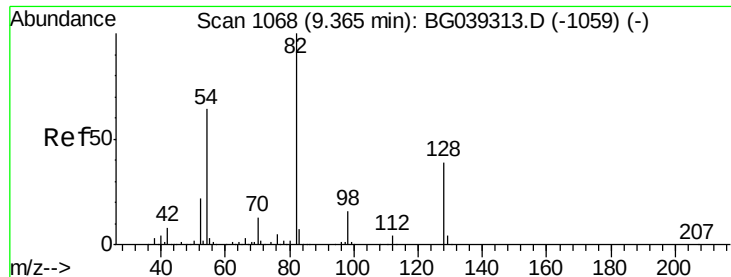
Ion 136.00 (135.70 to 136.70): BGC

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

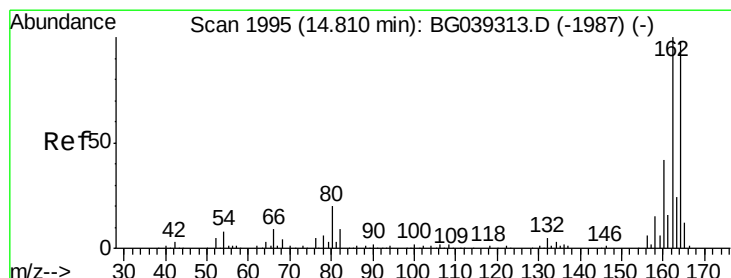
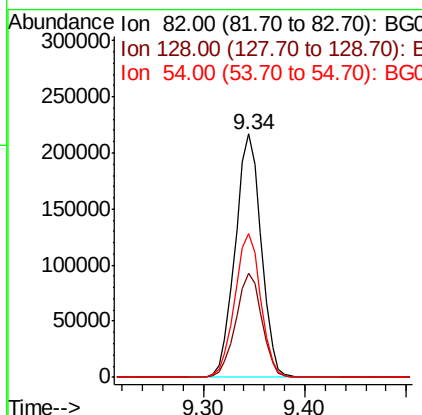
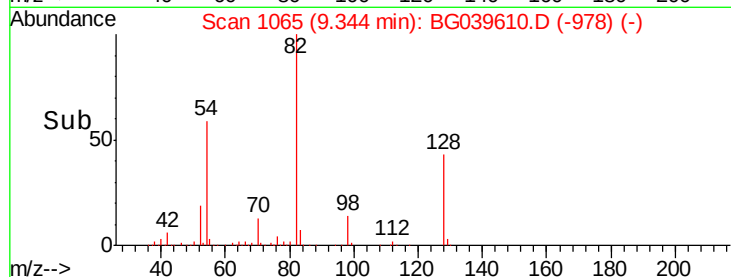
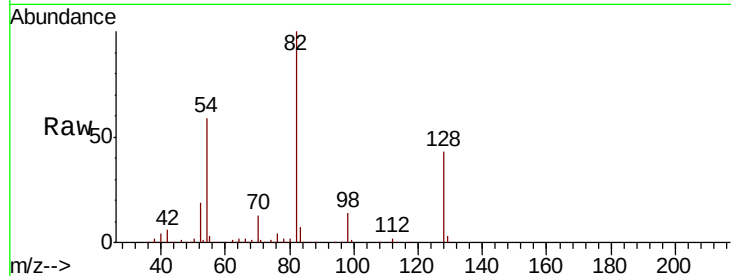




#23
Nitrobenzene-d5
Concen: 109.160 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039610.D
Acq: 26 Feb 2019 21:19

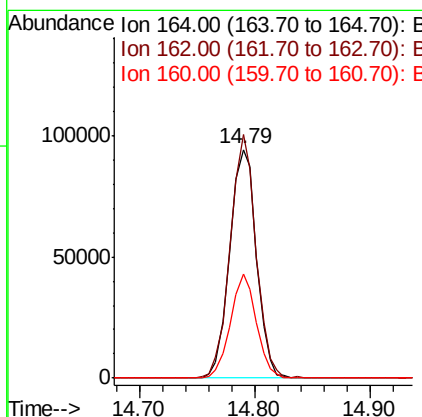
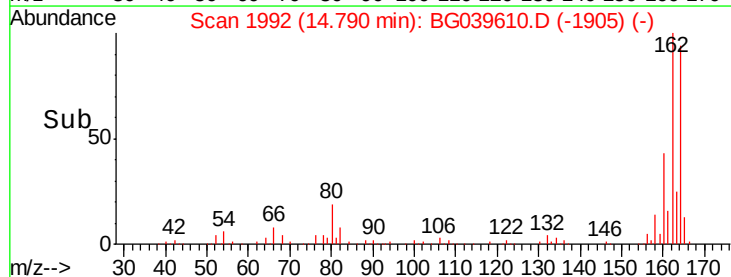
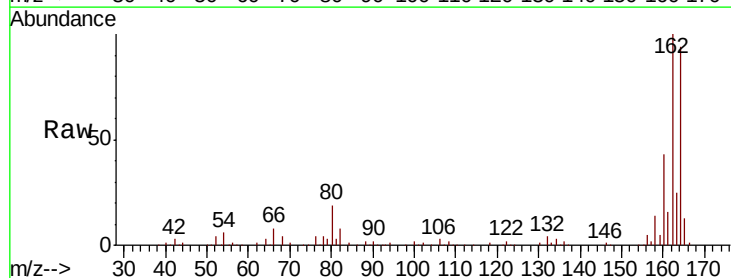
Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)

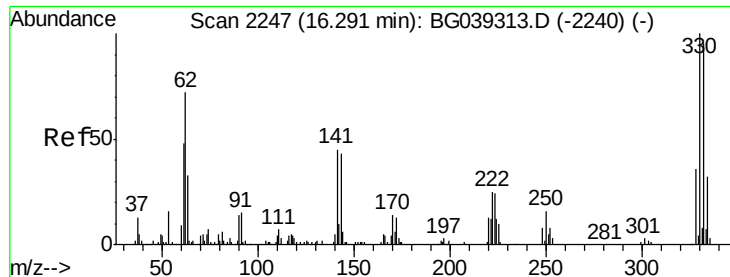
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	31.3	46.9
54	59.3	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039610.D
Acq: 26 Feb 2019 21:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.4	81.6	122.4
160	45.6	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 164.116 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039610.D

Acq: 26 Feb 2019 21:19

Instrument :

BNA_G

ClientSampleId :

B-4B(14-15)

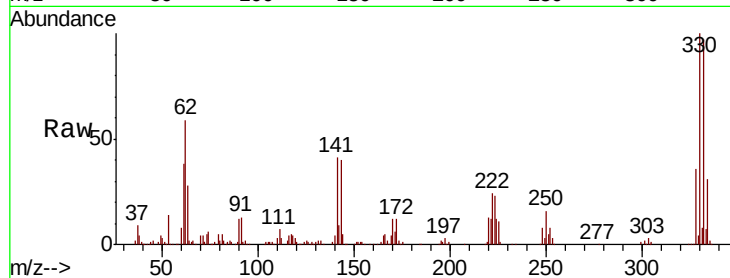
Tot Ion:330 Resp: 267084

Ion Ratio Lower Upper

330 100

332 96.0 75.7 113.5

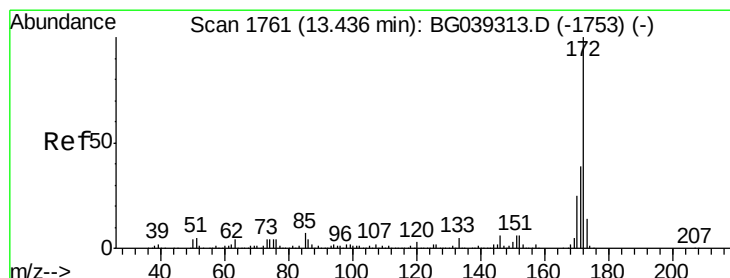
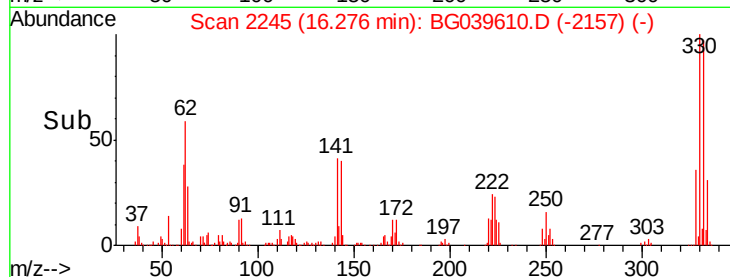
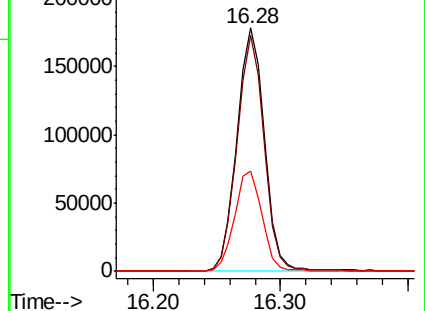
141 41.1 35.6 53.4



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: 84.827 ng

RT: 13.42 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BG039610.D

Acq: 26 Feb 2019 21:19

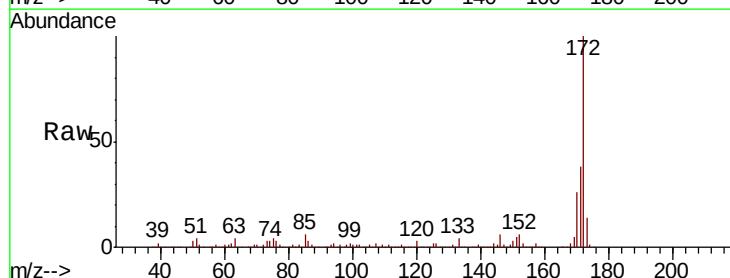
Tgt Ion:172 Resp: 893655

Ion Ratio Lower Upper

172 100

171 38.0 30.8 46.2

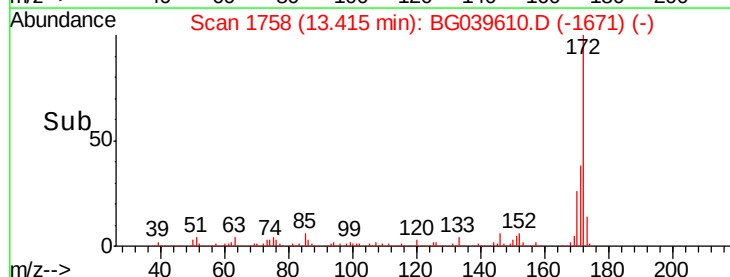
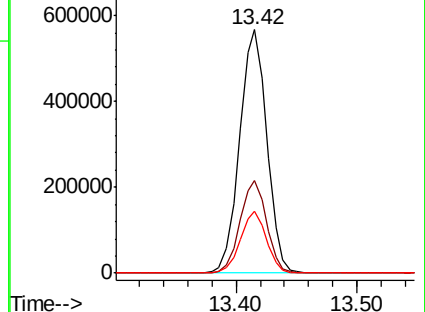
170 25.6 20.2 30.4

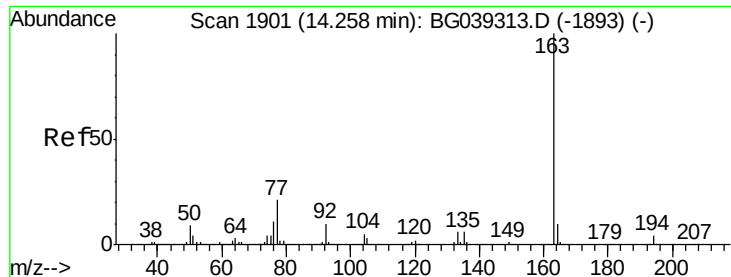


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.977 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.03 min

Lab File: BG039610.D

Acq: 26 Feb 2019 21:19

Instrument :

BNA_G

ClientSampleId :

B-4B(14-15)

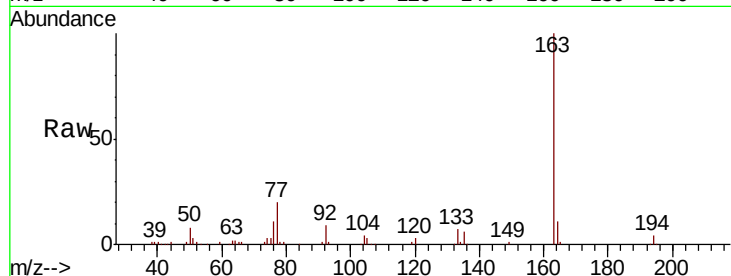
Tot Ion:163 Resp: 85166

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

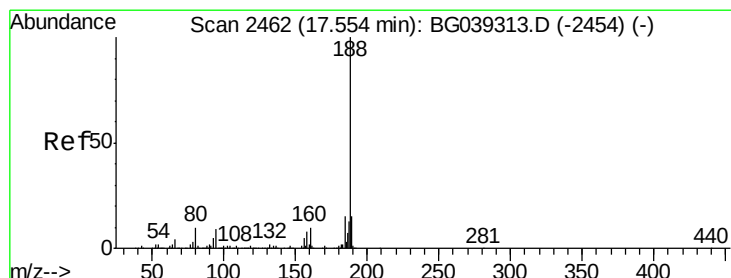
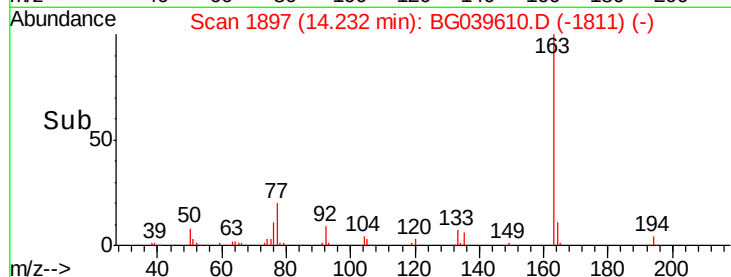
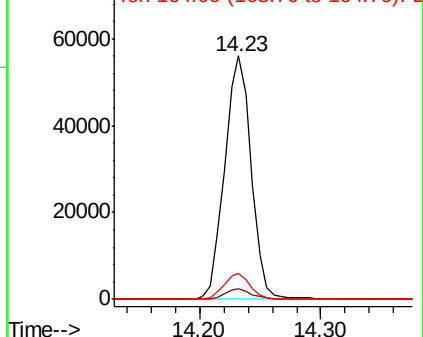
164 10.6 8.4 12.6



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: 17.53 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039610.D

Acq: 26 Feb 2019 21:19

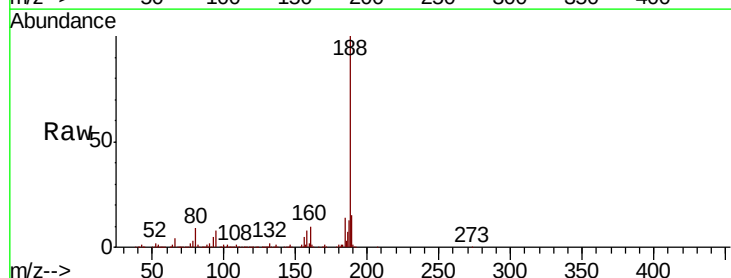
Tgt Ion:188 Resp: 383400

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

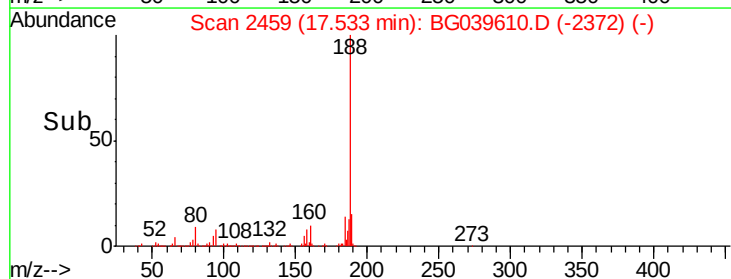
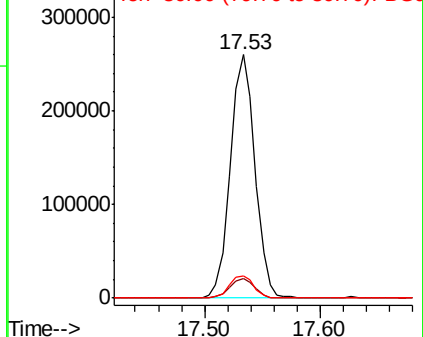
80 8.9 8.1 12.1

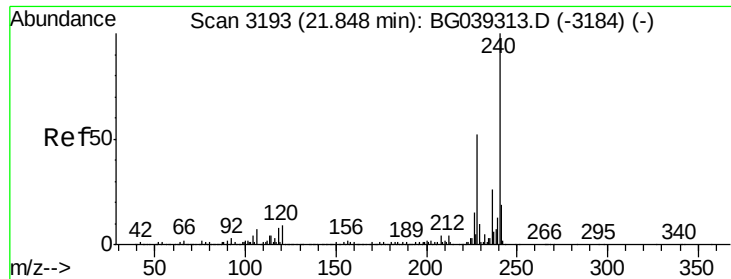


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

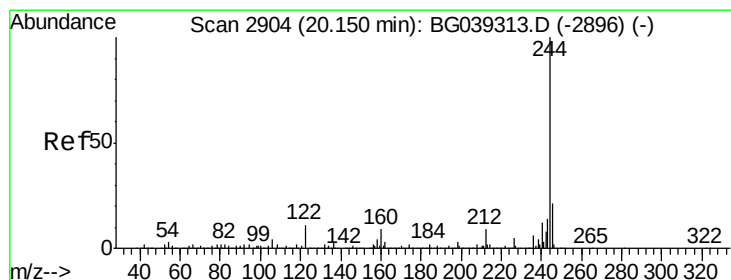
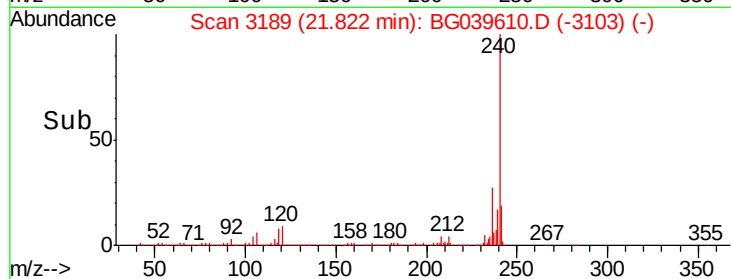
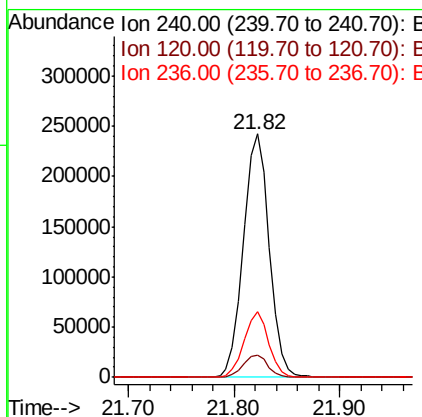
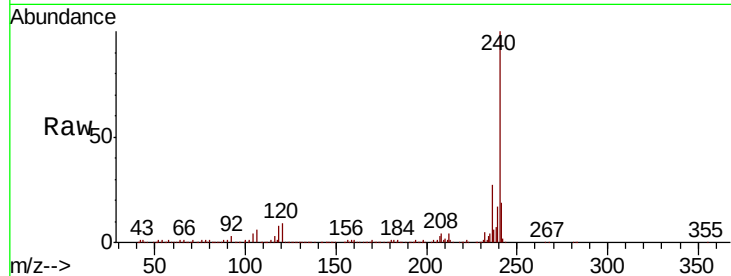




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.82 min Scan# 3189
 Delta R.T. -0.03 min
 Lab File: BG039610.D
 Acq: 26 Feb 2019 21:19

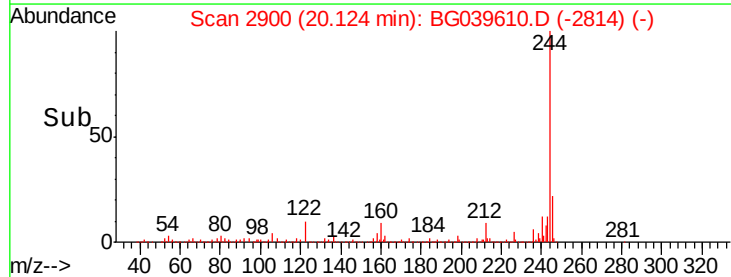
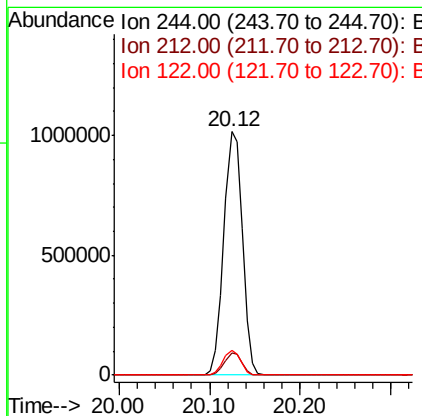
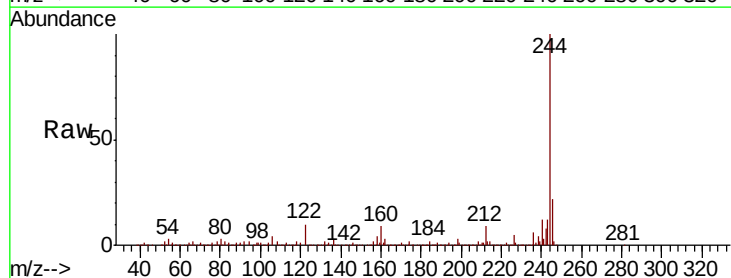
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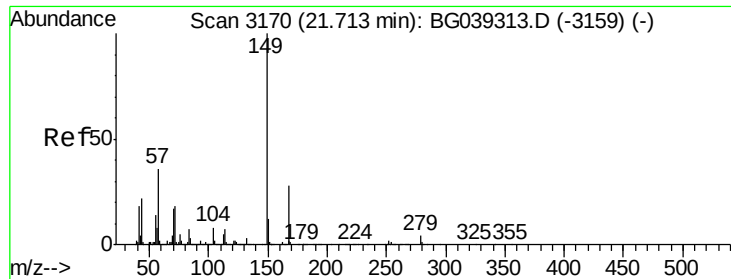
Tot Ion:240 Resp: 411850
 Ion Ratio Lower Upper
 240 100
 120 9.2 7.0 10.6
 236 27.0 21.0 31.4



#79
 Terphenyl-d14
 Concen: 74.374 ng
 RT: 20.12 min Scan# 2900
 Delta R.T. -0.03 min
 Lab File: BG039610.D
 Acq: 26 Feb 2019 21:19

Tgt Ion:244 Resp: 1447118
 Ion Ratio Lower Upper
 244 100
 212 9.1 7.3 10.9
 122 10.3 8.4 12.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.519 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG039610.D

Acq: 26 Feb 2019 21:19

Instrument :

BNA_G

ClientSampleId :

B-4B(14-15)

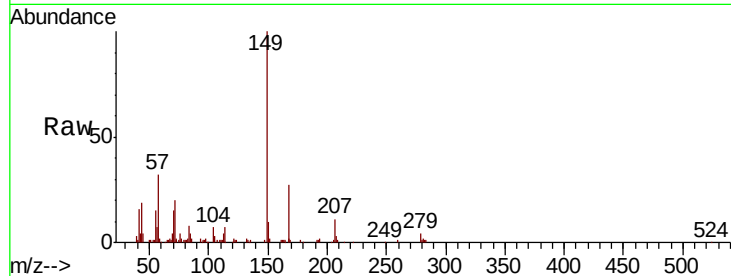
Tot Ion:149 Resp: 54299

Ion Ratio Lower Upper

149 100

167 27.0 22.6 34.0

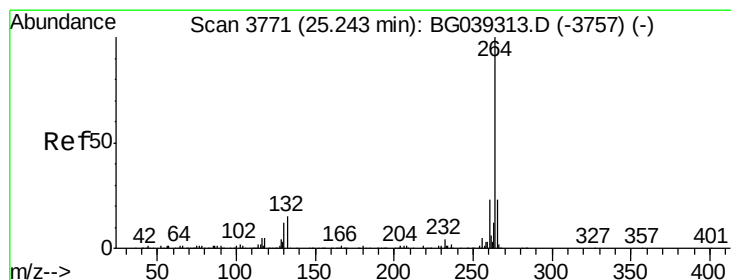
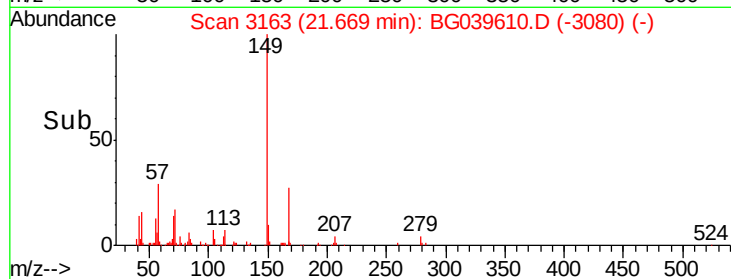
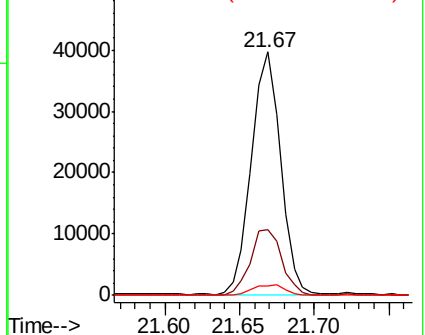
279 4.0 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3764

Delta R.T. -0.04 min

Lab File: BG039610.D

Acq: 26 Feb 2019 21:19

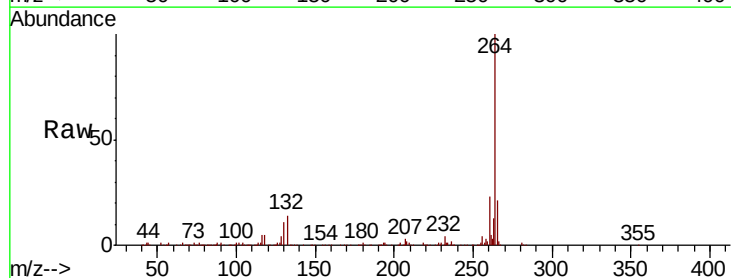
Tgt Ion:264 Resp: 420838

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

265 20.6 18.5 27.7



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

