

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
 Data File : BG044659.D
 Acq On : 3 Mar 2020 10:02
 Operator : CG/JU
 Sample : L1743-16
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-1

Quant Time: Mar 03 18:32:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

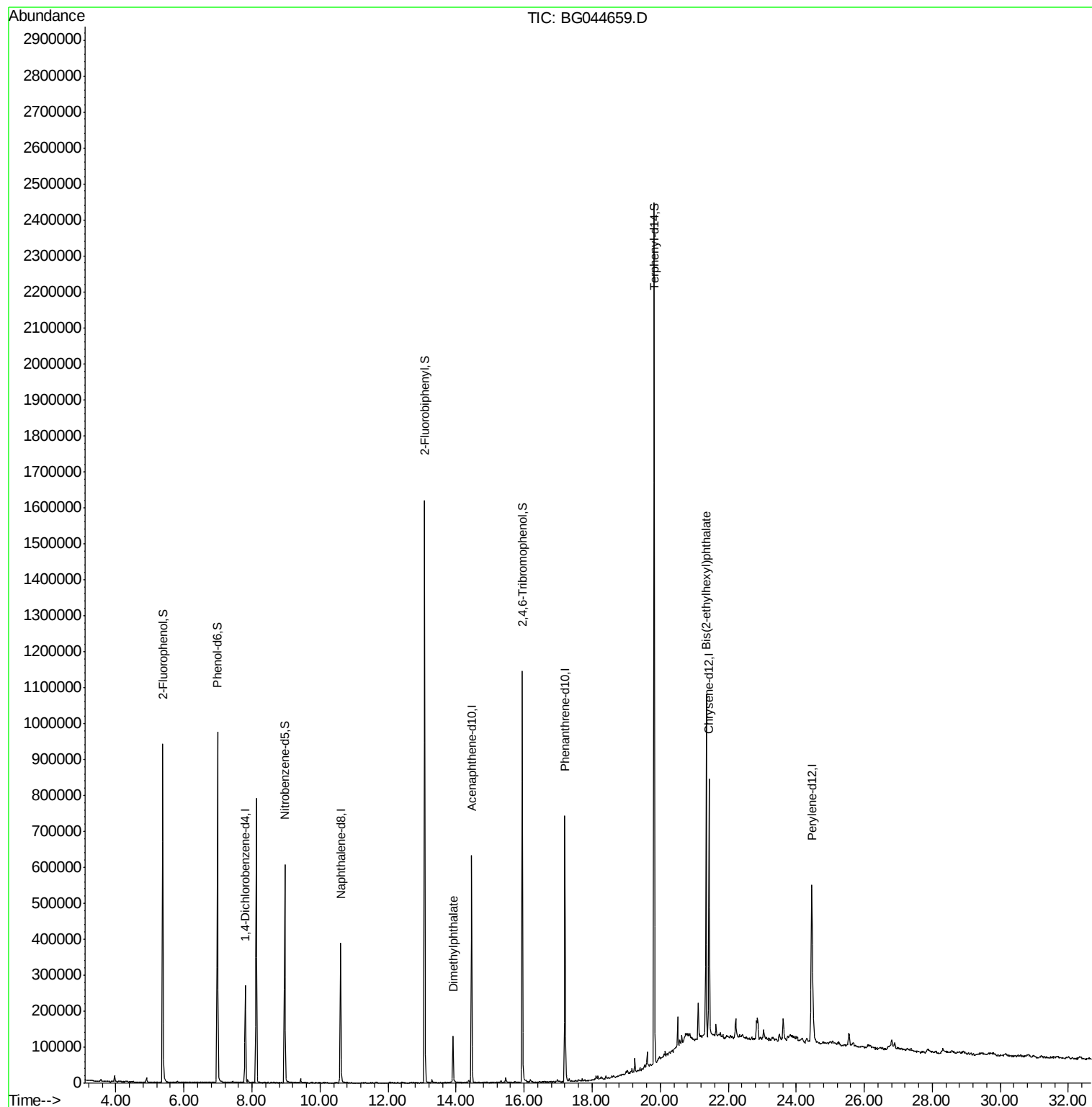
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	76197	20.00	ng	-0.07
21) Naphthalene-d8	10.60	136	353583	20.00	ng	-0.07
39) Acenaphthene-d10	14.46	164	226337	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	453346	20.00	ng	-0.06
76) Chrysene-d12	21.44	240	391334	20.00	ng	-0.07
87) Perylene-d12	24.46	264	449968	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	461529	97.18	ng	-0.07
7) Phenol-d6	6.98	99	626118	96.32	ng	-0.07
23) Nitrobenzene-d5	8.96	82	390319	56.87	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	233475	72.75	ng	-0.06
45) 2-Fluorobiphenyl	13.08	172	868664	54.96	ng	-0.06
79) Terphenyl-d14	19.82	244	1144333	55.36	ng	-0.06
Target Compounds						
50) Dimethylphthalate	13.91	163	96790	5.298	ng	98
84) Bis(2-ethylhexyl)phthalate	21.35	149	403682	23.577	ng	98

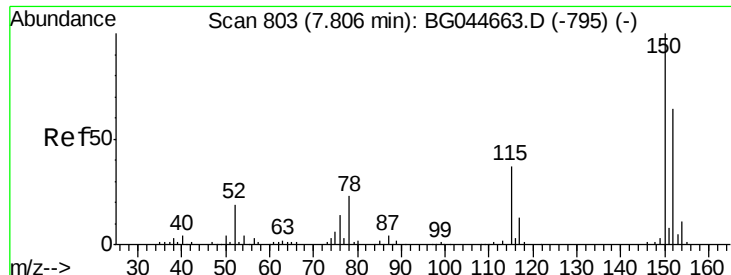
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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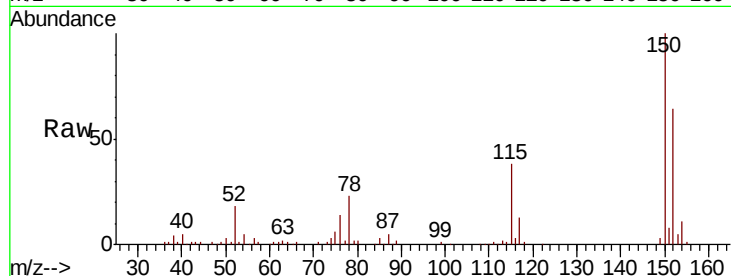


#1

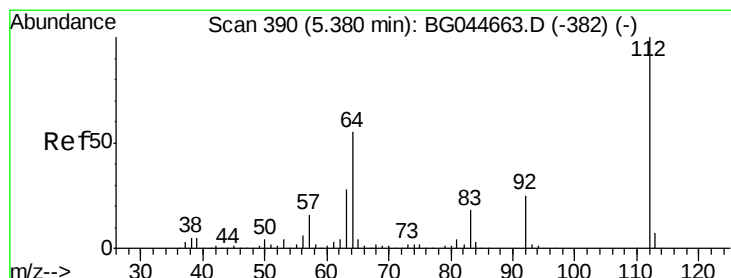
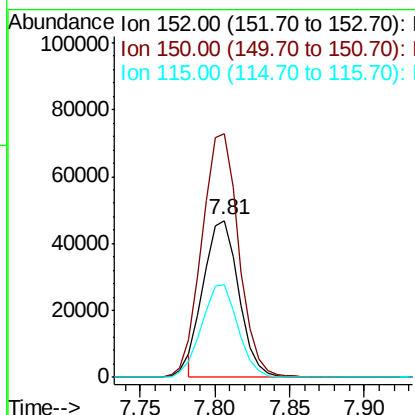
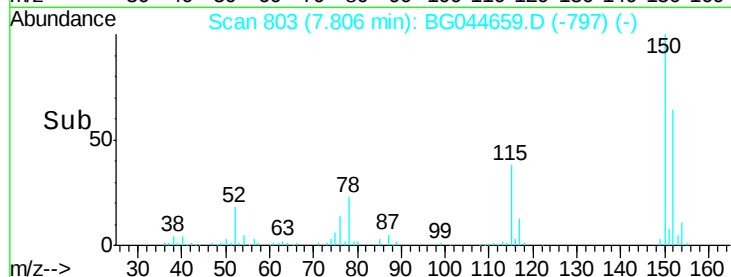
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.81 min Scan# 803
 Delta R.T. -0.07 min
 Lab File: BG044659.D
 Acq: 3 Mar 2020 10:02

Instrument :
 BNA_G
 ClientSampled :
 C-1

Tot Ion:152 Resp: 76197
 Ion Ratio Lower Upper
 152 100
 150 155.4 128.9 193.3
 115 59.5 47.0 70.4



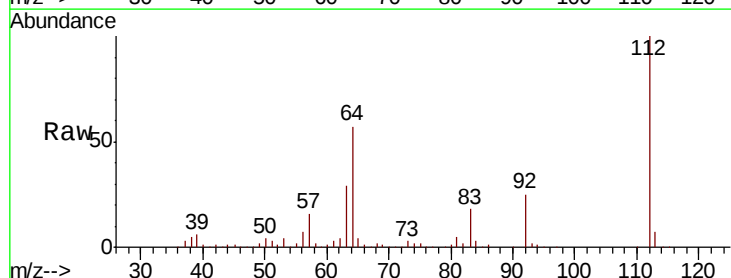
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



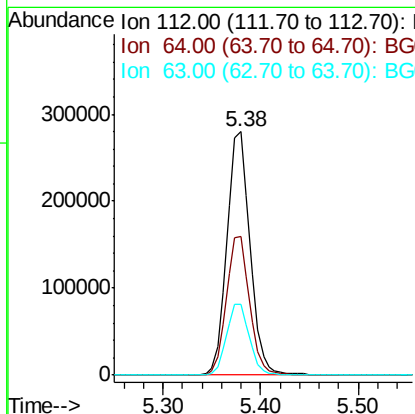
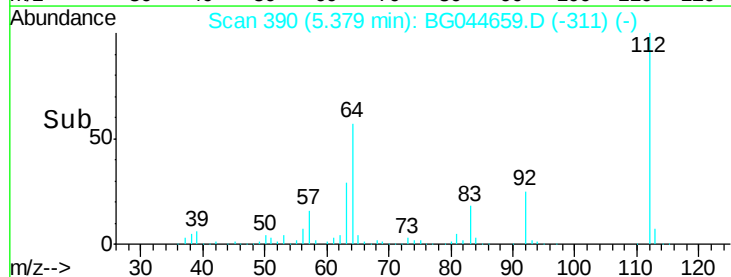
#5

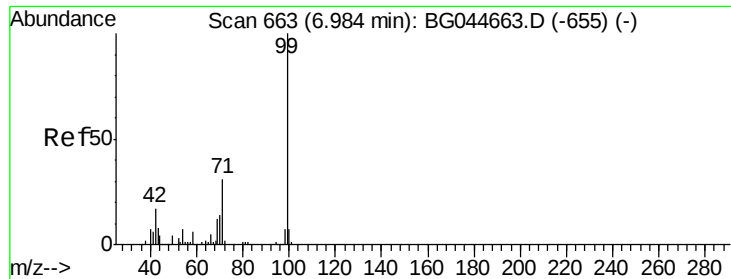
2-Fluorophenol
 Concen: 97.184 ng
 RT: 5.38 min Scan# 390
 Delta R.T. -0.07 min
 Lab File: BG044659.D
 Acq: 3 Mar 2020 10:02

Tgt Ion:112 Resp: 461529
 Ion Ratio Lower Upper
 112 100
 64 56.8 44.8 67.2
 63 29.2 22.3 33.5



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: 96.318 ng

RT: 6.98 min Scan# 663

Delta R.T. -0.07 min

Lab File: BG044659.D

Acq: 3 Mar 2020 10:02

Instrument :

BNA_G

ClientSampleId :

C-1

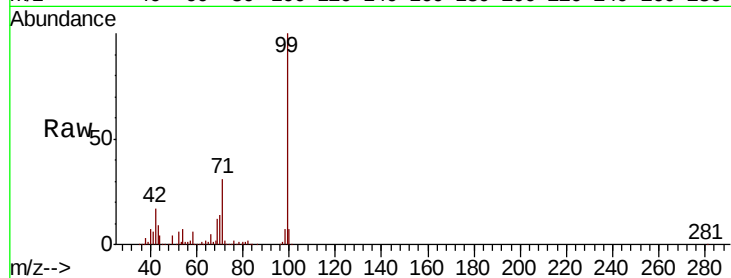
Tot Ion: 99 Resp: 626118

Ion Ratio Lower Upper

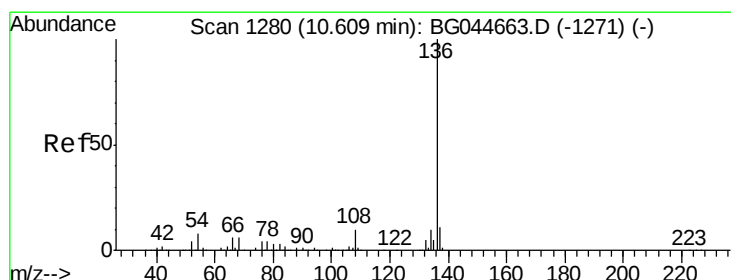
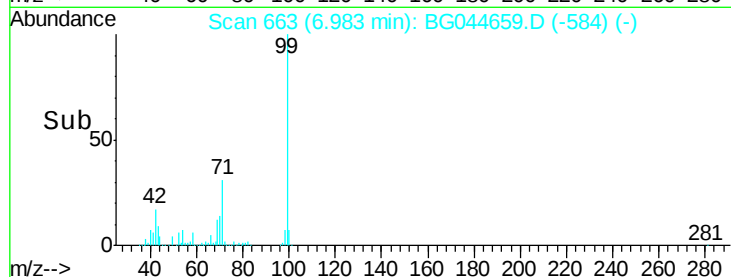
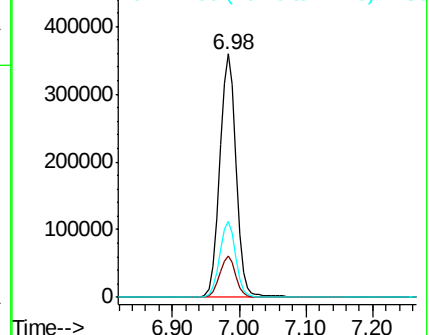
99 100

42 16.9 12.8 19.2

71 31.1 24.4 36.6



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: 10.60 min Scan# 1279

Delta R.T. -0.07 min

Lab File: BG044659.D

Acq: 3 Mar 2020 10:02

Tgt Ion: 136 Resp: 353583

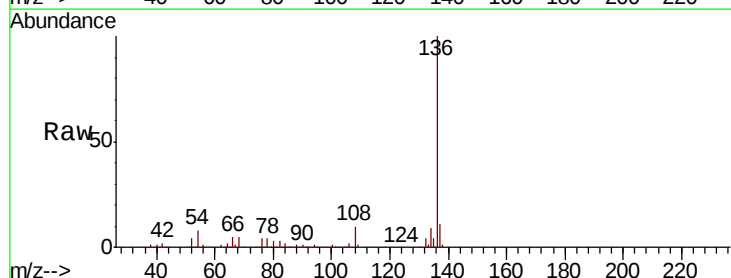
Ion Ratio Lower Upper

136 100

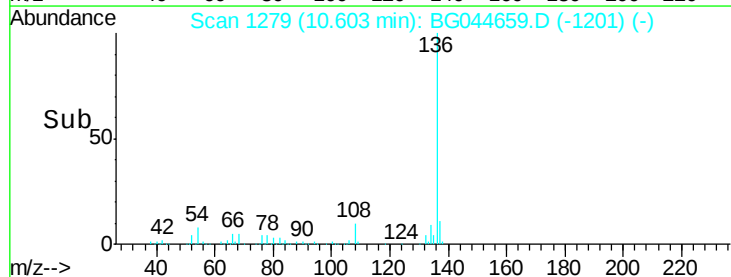
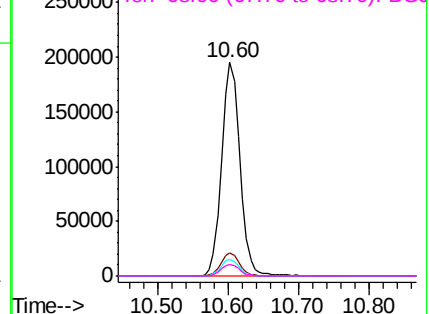
137 10.6 8.8 13.2

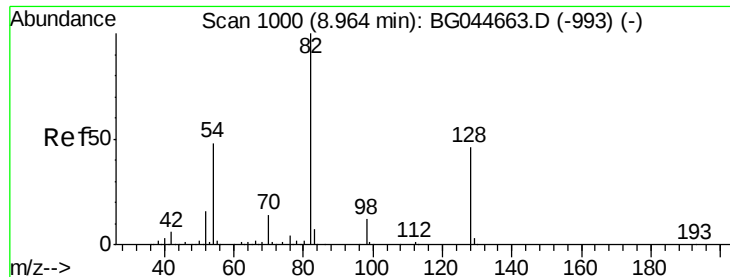
54 7.5 5.7 8.5

68 5.5 4.5 6.7



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

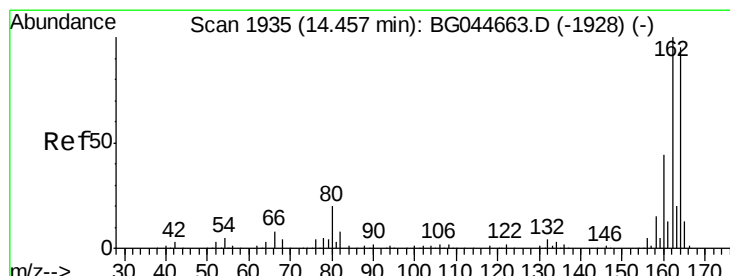
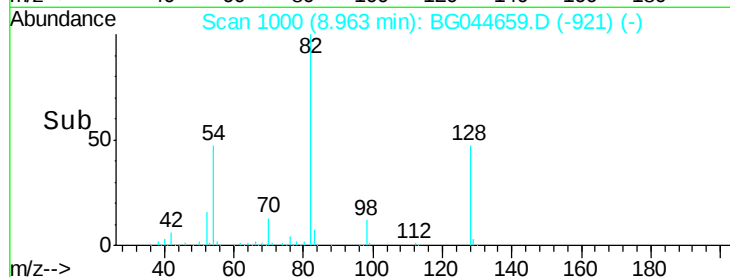
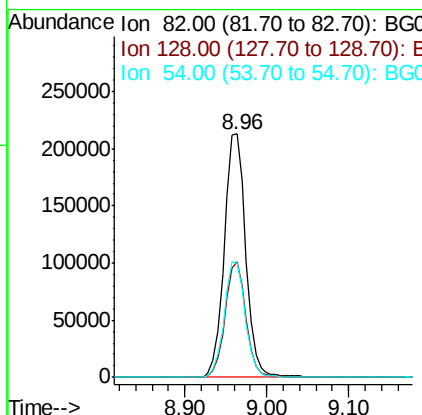
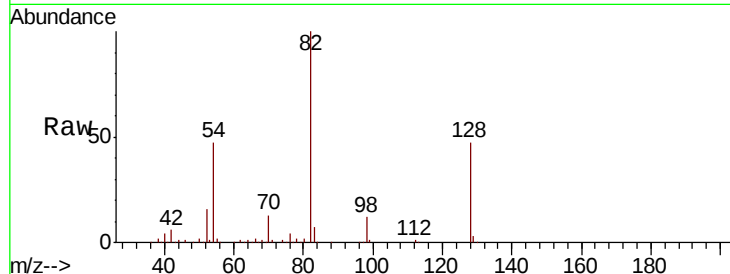




#23
Nitrobenzene-d5
Concen: 56.871 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.07 min
Lab File: BG044659.D
Acq: 3 Mar 2020 10:02

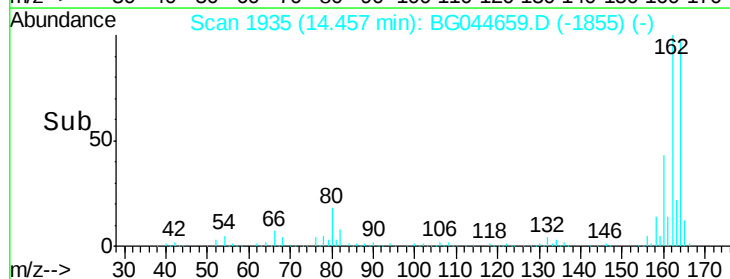
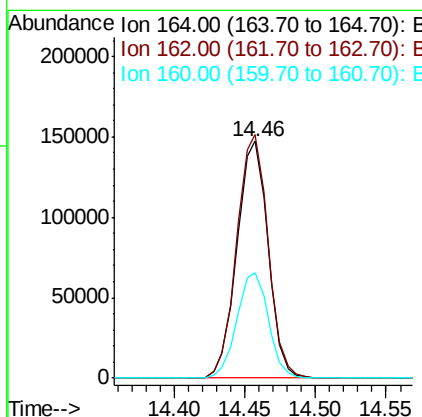
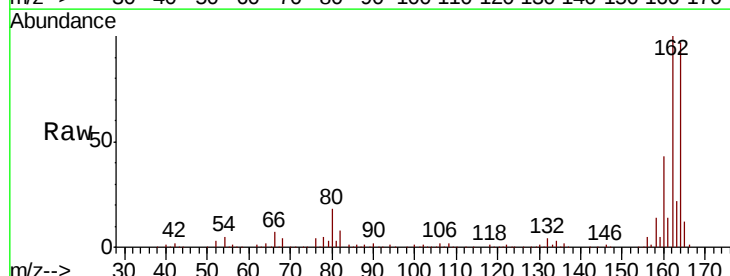
Instrument :
BNA_G
ClientSampleId :
C-1

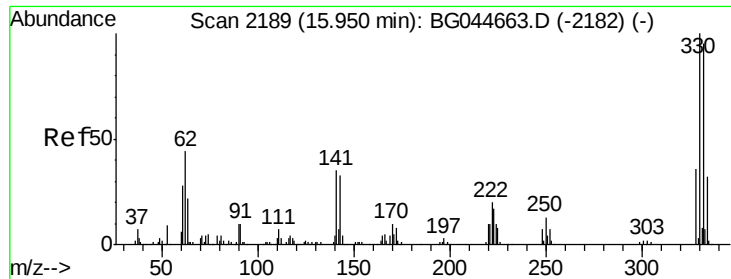
Tot Ion	82	Resp	390319
Ion	Ratio	Lower	Upper
82	100		
128	47.2	38.1	57.1
54	47.1	37.5	56.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1935
Delta R.T. -0.06 min
Lab File: BG044659.D
Acq: 3 Mar 2020 10:02

Tgt Ion	164	Resp	226337
Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.6	125.4
160	44.3	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 72.750 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.06 min

Lab File: BG044659.D

Acq: 3 Mar 2020 10:02

Instrument :

BNA_G

ClientSampleId :

C-1

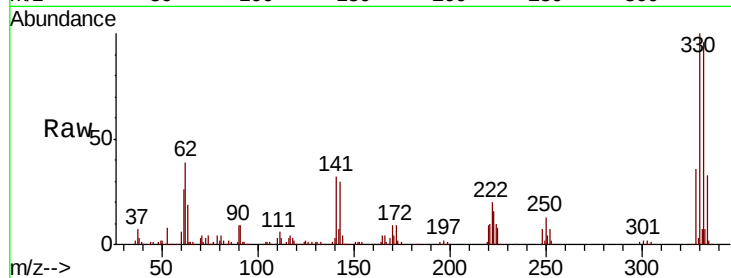
Tot Ion:330 Resp: 233475

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

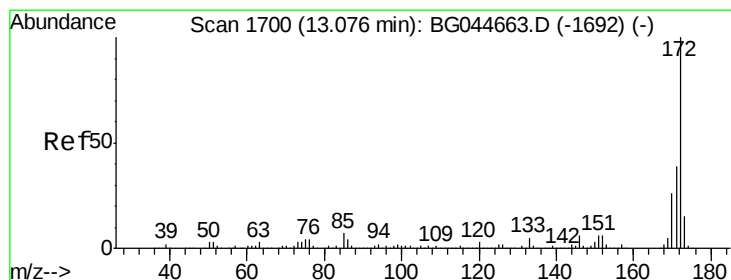
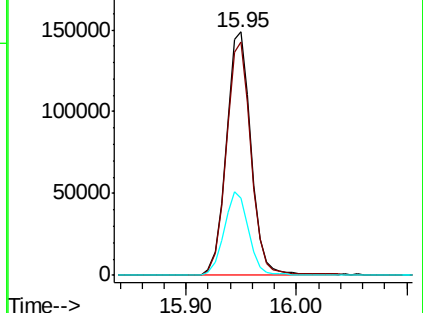
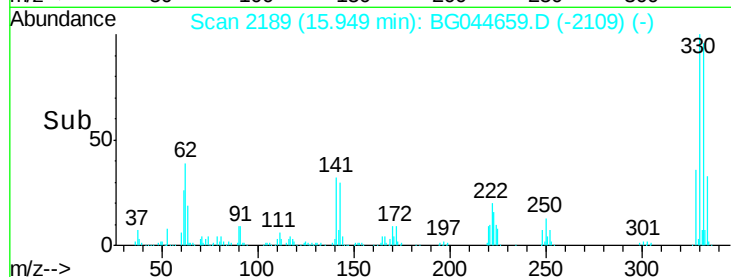
141 34.1 26.1 39.1



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: 54.959 ng

RT: 13.08 min Scan# 1700

Delta R.T. -0.06 min

Lab File: BG044659.D

Acq: 3 Mar 2020 10:02

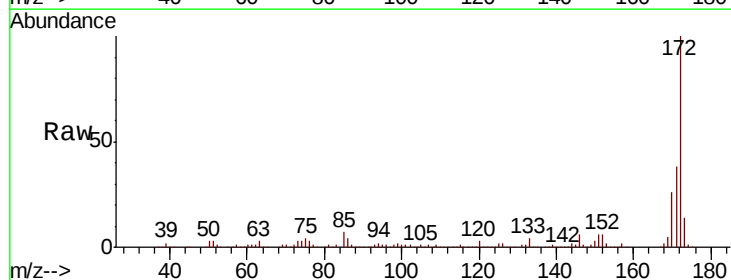
Tgt Ion:172 Resp: 868664

Ion Ratio Lower Upper

172 100

171 38.4 31.3 46.9

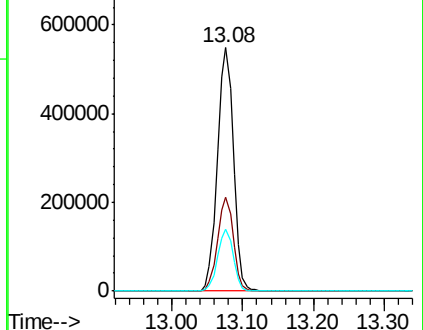
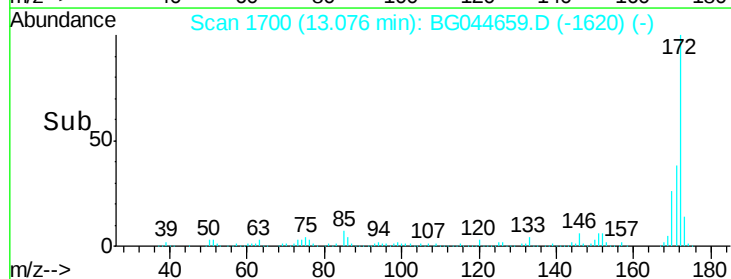
170 25.6 21.0 31.4

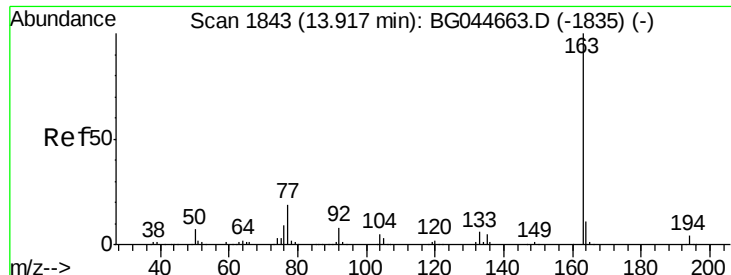


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.298 ng

RT: 13.91 min Scan# 1842

Delta R.T. -0.06 min

Lab File: BG044659.D

Acq: 3 Mar 2020 10:02

Instrument :

BNA_G

ClientSampleId :

C-1

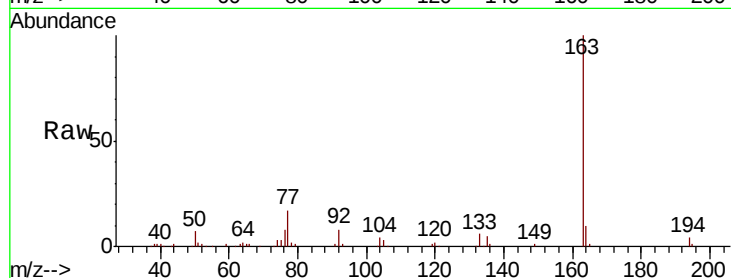
Tot Ion:163 Resp: 96790

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

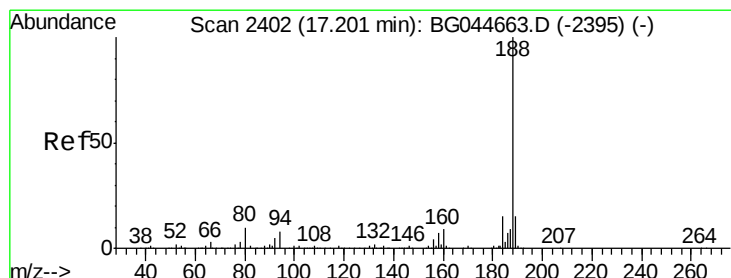
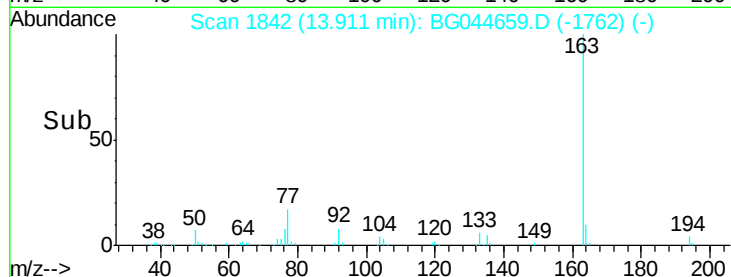
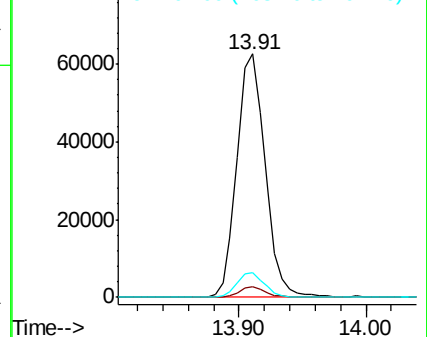
164 9.9 8.7 13.1



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: 17.20 min Scan# 2402

Delta R.T. -0.06 min

Lab File: BG044659.D

Acq: 3 Mar 2020 10:02

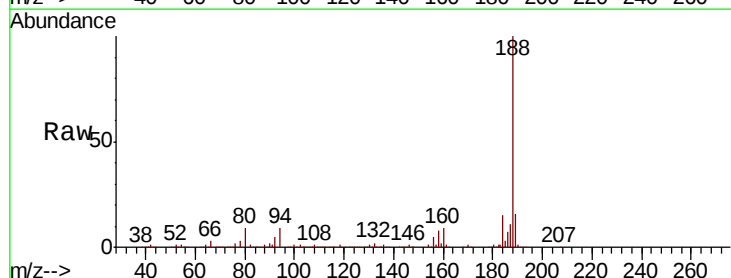
Tgt Ion:188 Resp: 453346

Ion Ratio Lower Upper

188 100

94 8.9 6.7 10.1

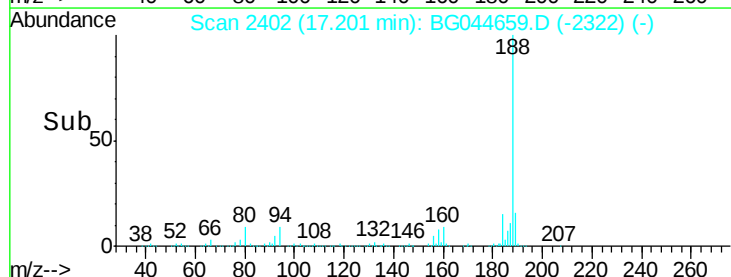
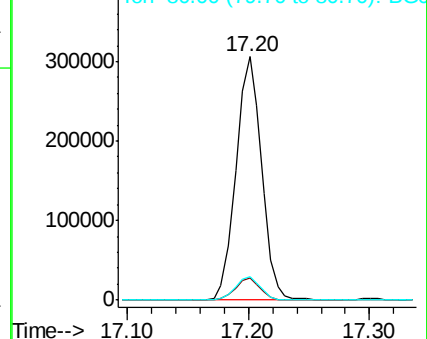
80 9.4 7.6 11.4

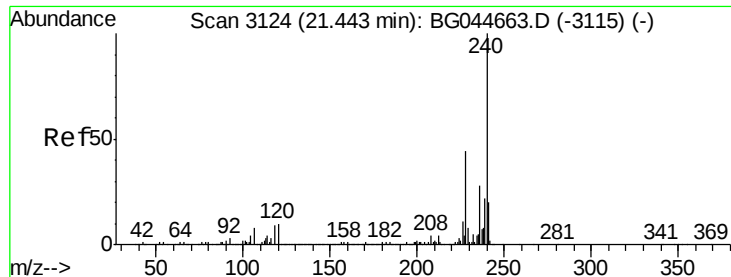


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

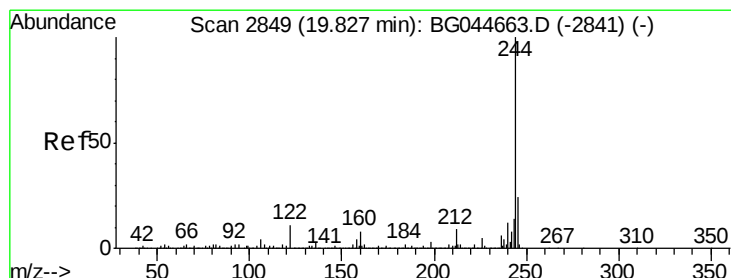
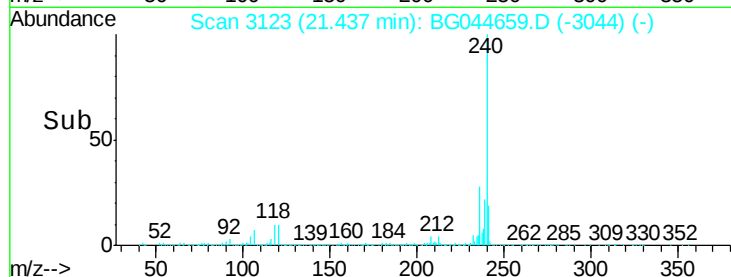
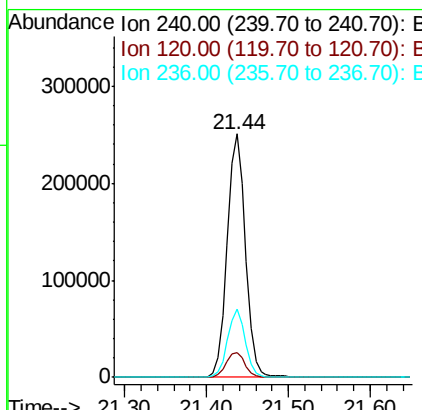
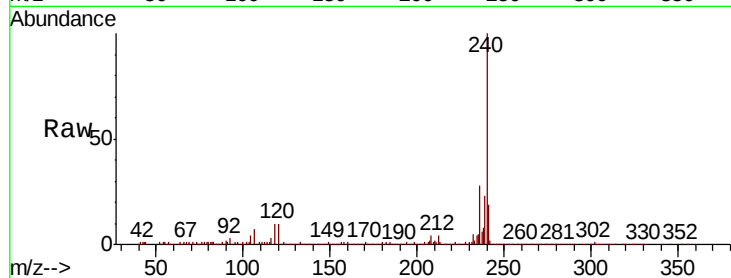




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.44 min Scan# 3123
 Delta R.T. -0.07 min
 Lab File: BG044659.D
 Acq: 3 Mar 2020 10:02

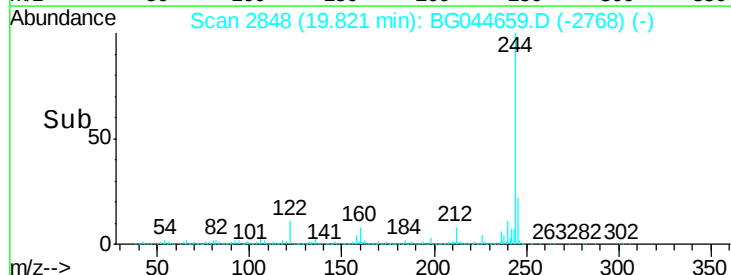
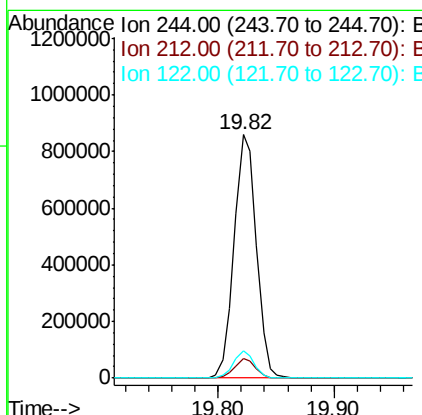
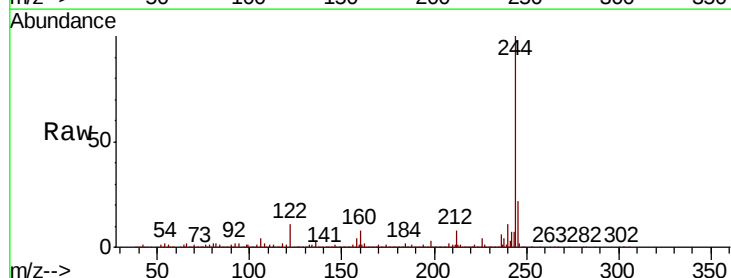
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 C-1

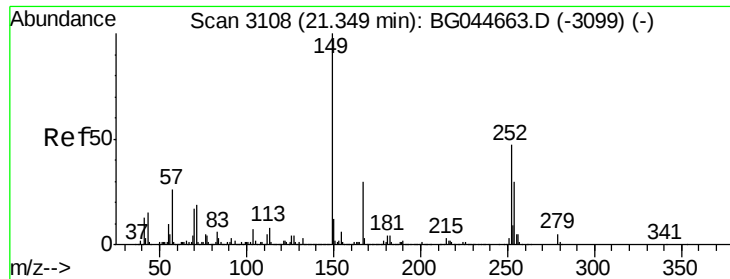
Tot Ion:240 Resp: 391334
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.3 12.5
 236 27.8 22.3 33.5



#79
 Terphenyl-d14
 Concen: 55.357 ng
 RT: 19.82 min Scan# 2848
 Delta R.T. -0.06 min
 Lab File: BG044659.D
 Acq: 3 Mar 2020 10:02

Tgt Ion:244 Resp: 1144333
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 11.1 8.2 12.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 23.577 ng

RT: 21.35 min Scan# 3108

Delta R.T. -0.06 min

Lab File: BG044659.D

Acq: 3 Mar 2020 10:02

Instrument :

BNA_G

ClientSampleId :

C-1

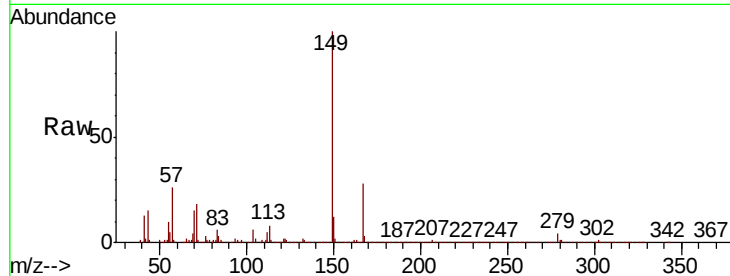
Tot Ion:149 Resp: 403682

Ion Ratio Lower Upper

149 100

167 28.3 23.4 35.0

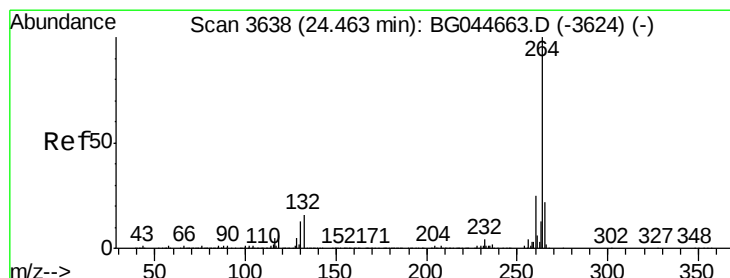
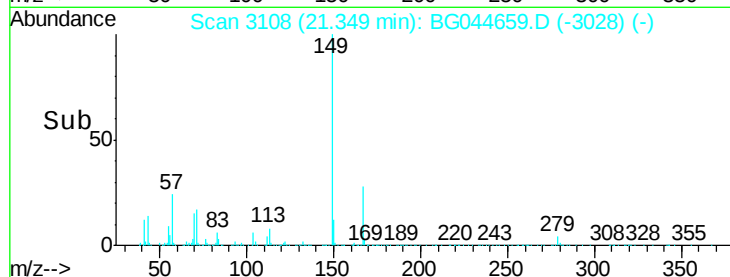
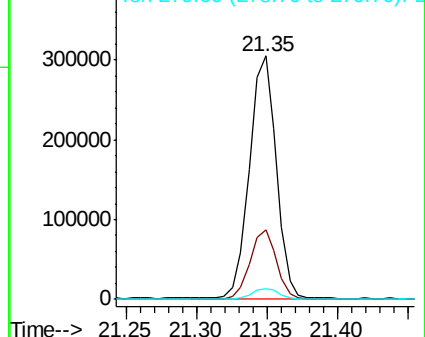
279 4.5 4.2 6.4



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: 24.46 min Scan# 3637

Delta R.T. -0.11 min

Lab File: BG044659.D

Acq: 3 Mar 2020 10:02

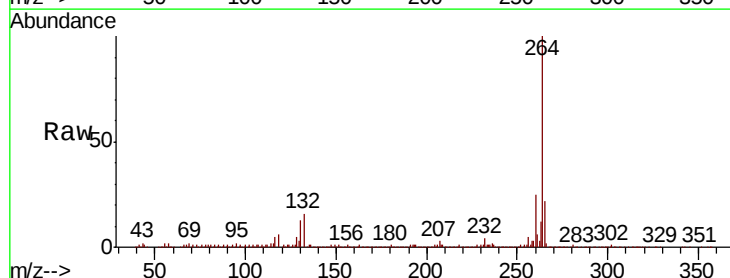
Tgt Ion:264 Resp: 449968

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 22.4 17.8 26.8



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

