

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010620\
 Data File : BG043933.D
 Acq On : 6 Jan 2020 16:02
 Operator : JU
 Sample : K6482-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB

Quant Time: Jan 07 06:10:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

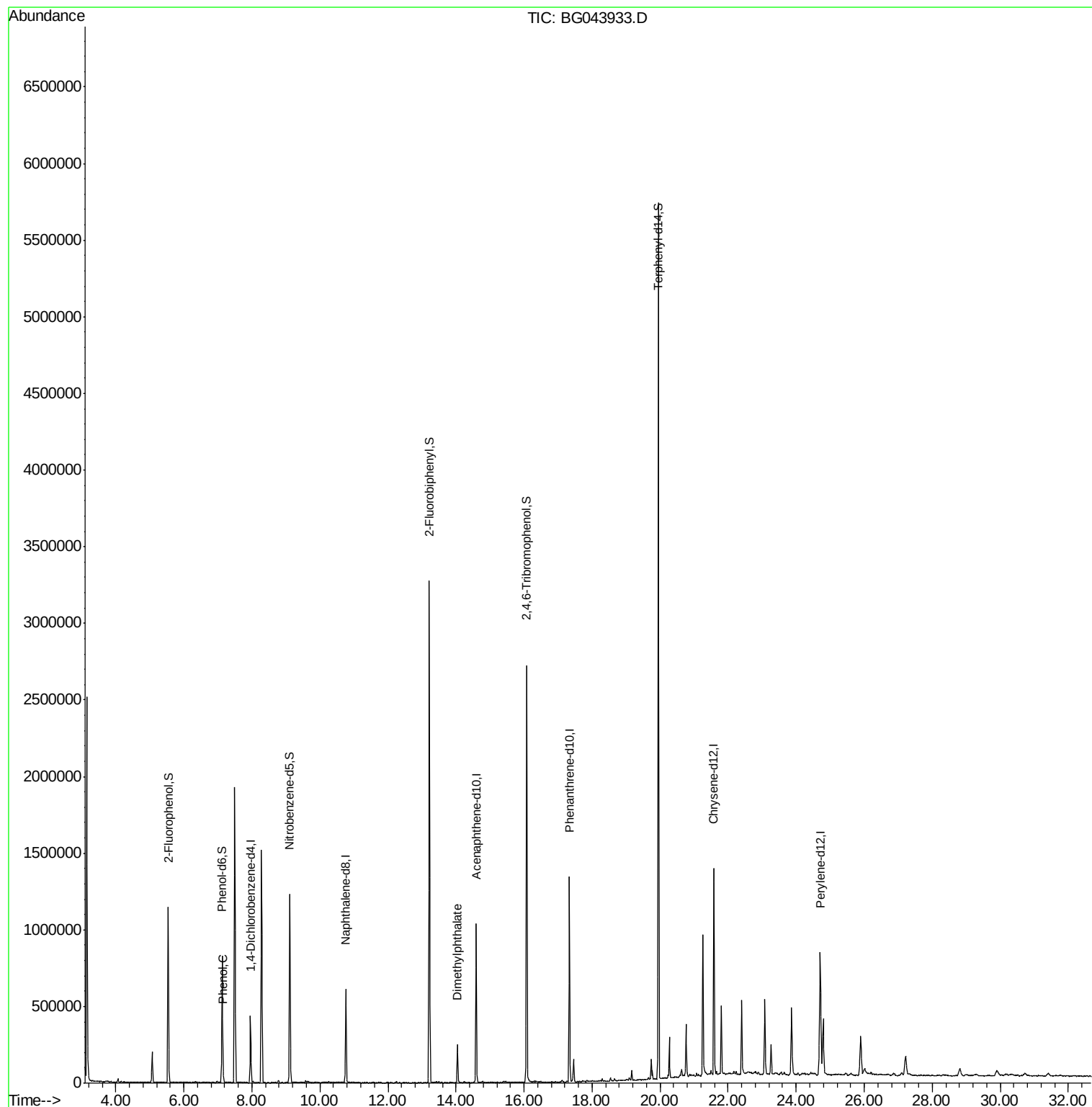
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	128292	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	559465	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	380509	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	827235	20.00	ng	0.00
76) Chrysene-d12	21.58	240	709484	20.00	ng	0.00
87) Perylene-d12	24.71	264	790706	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	546628	78.23	ng	0.00
7) Phenol-d6	7.13	99	505584	51.77	ng	0.00
23) Nitrobenzene-d5	9.11	82	766802	73.32	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	488534	122.69	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1720760	81.93	ng	0.00
79) Terphenyl-d14	19.95	244	2402864	80.51	ng	0.00
Target Compounds						
10) Phenol	7.15	94	34168	3.395	ng	95
50) Dimethylphthalate	14.04	163	167885	6.214	ng	96

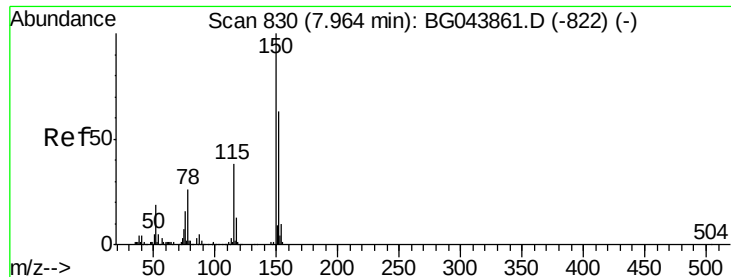
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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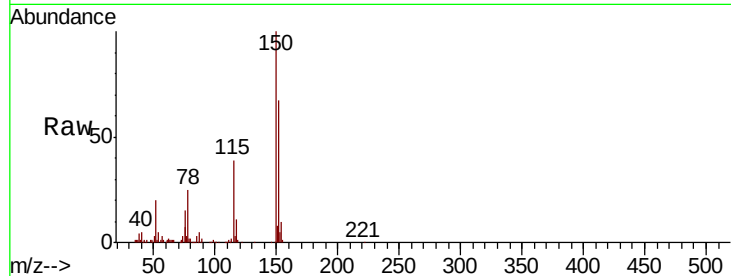


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG043933.D
Acq: 6 Jan 2020 16:02

Instrument :
BNA_G
ClientSampleId :
FB

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.4	127.0	190.4
115	58.2	47.8	71.8

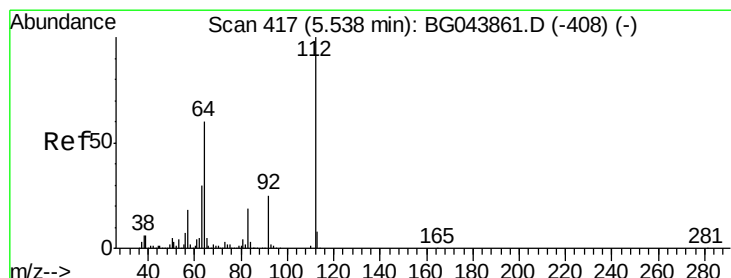
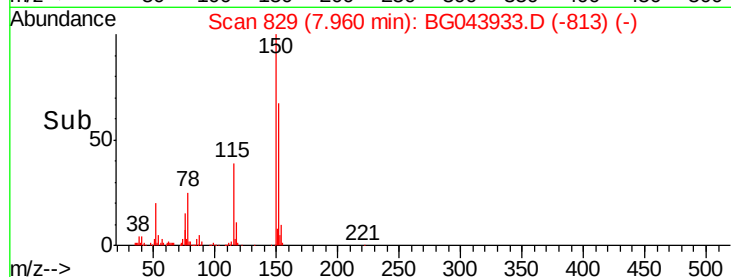
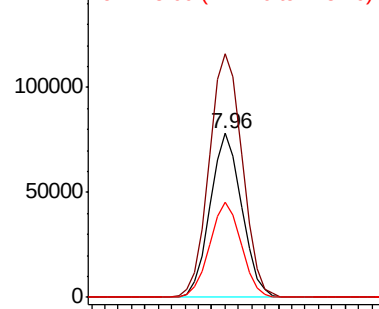


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

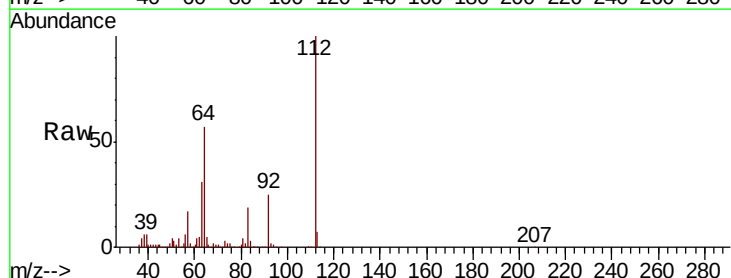
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 78.234 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG043933.D
Acq: 6 Jan 2020 16:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.8	71.6
63	30.8	24.3	36.5

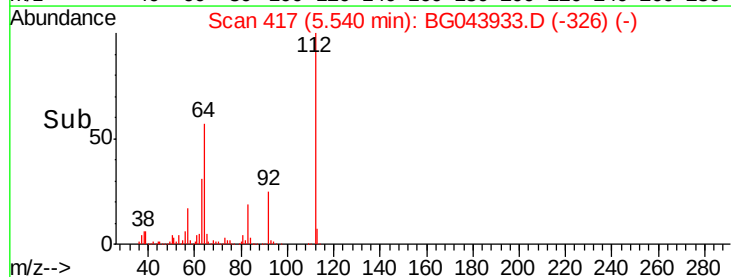
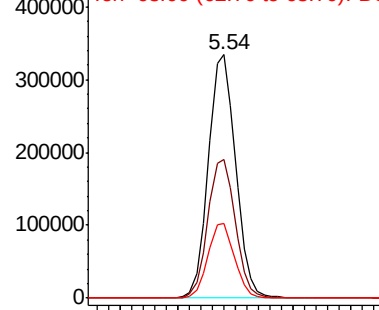


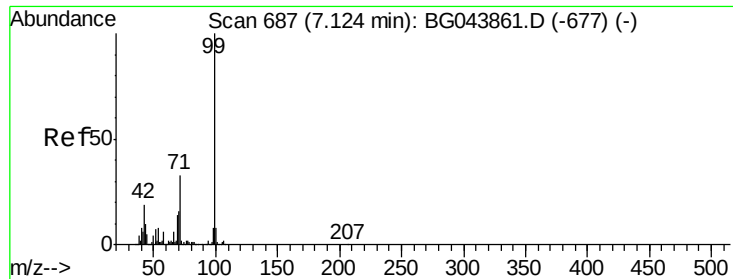
Abundance

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: 51.766 ng

RT: 7.13 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG043933.D

Acq: 6 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

FB

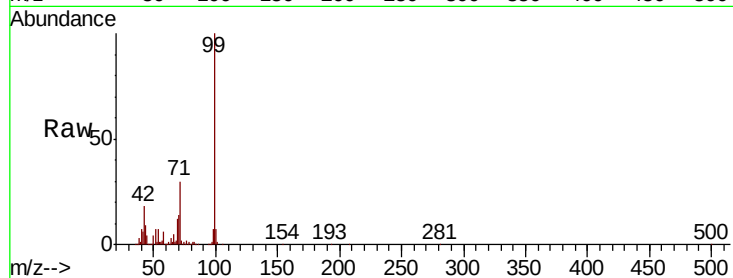
Tot Ion: 99 Resp: 505584

Ion Ratio Lower Upper

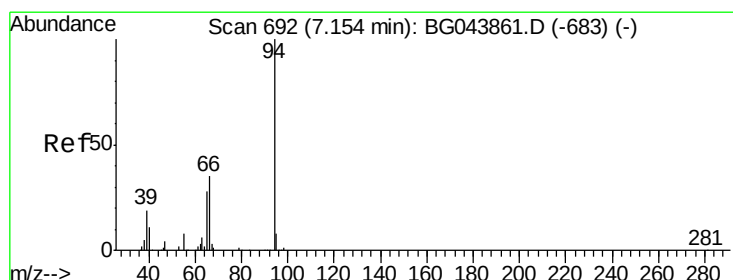
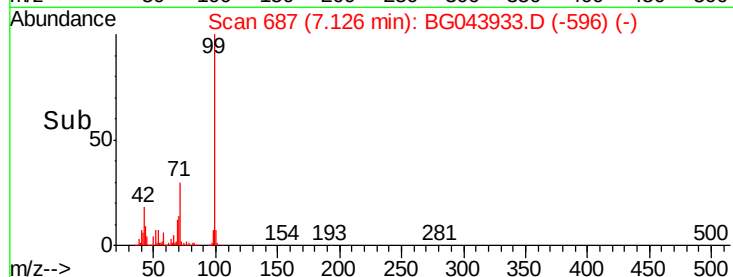
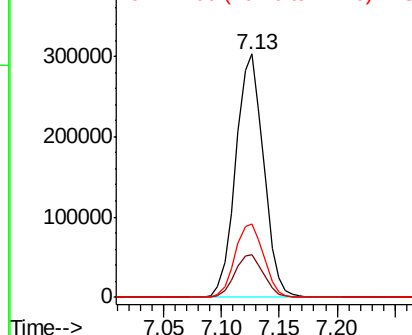
99 100

42 17.7 14.9 22.3

71 30.2 26.4 39.6



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



#10

Phenol

Concen: 3.395 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043933.D

Acq: 6 Jan 2020 16:02

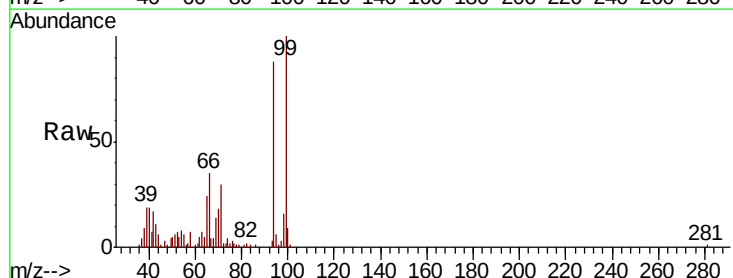
Tgt Ion: 94 Resp: 34168

Ion Ratio Lower Upper

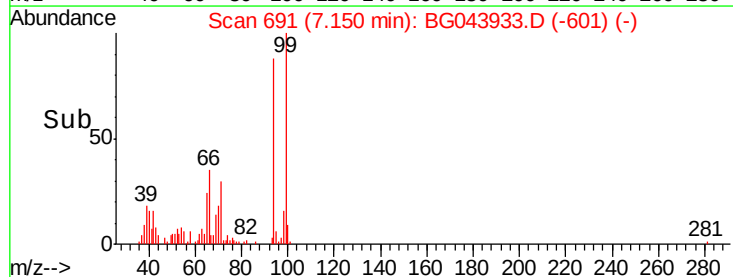
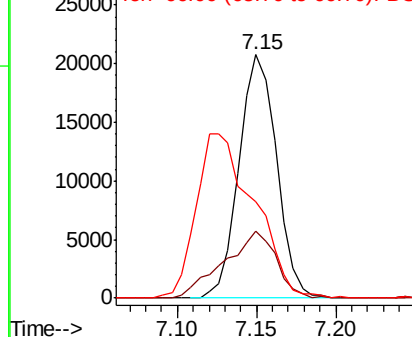
94 100

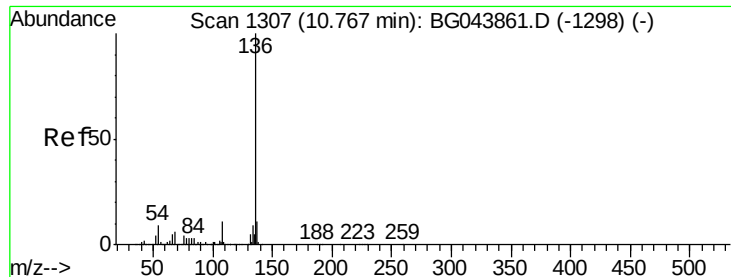
65 27.5 8.1 48.1

66 39.9 15.6 55.6



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: 10.76 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BG043933.D

Acq: 6 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

FB

Tot Ion:136 Resp: 559465

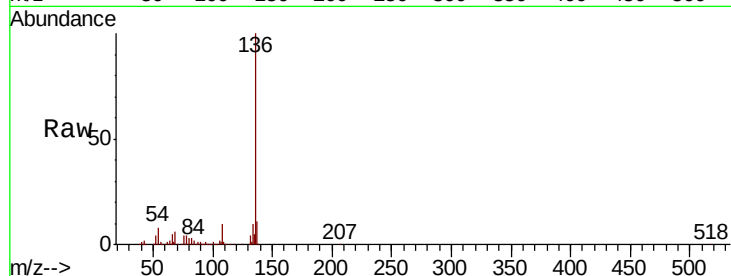
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 8.0 7.0 10.4

68 5.8 4.9 7.3

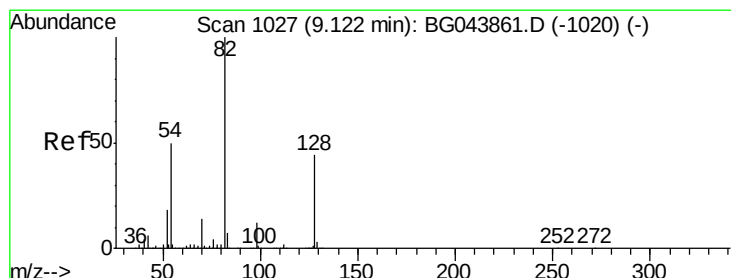
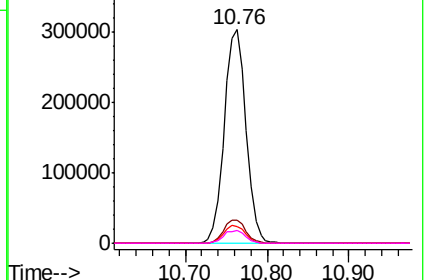
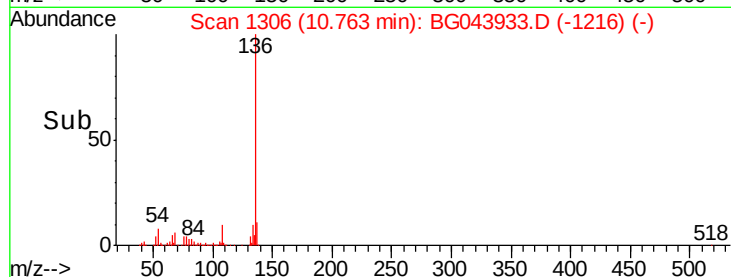


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.321 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BG043933.D

Acq: 6 Jan 2020 16:02

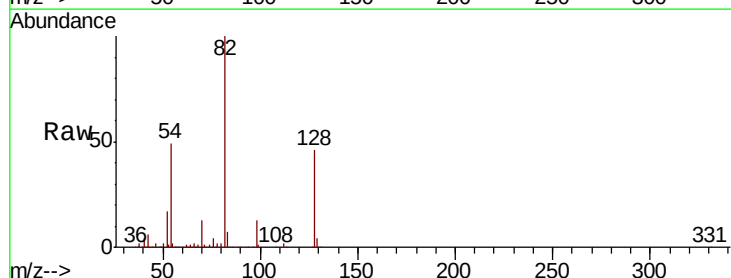
Tgt Ion: 82 Resp: 766802

Ion Ratio Lower Upper

82 100

128 45.5 35.1 52.7

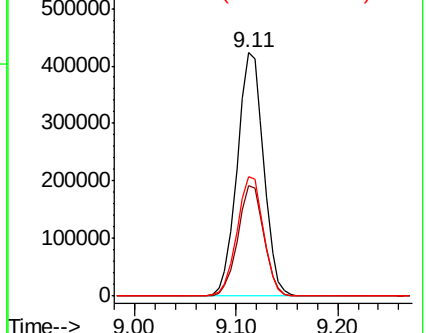
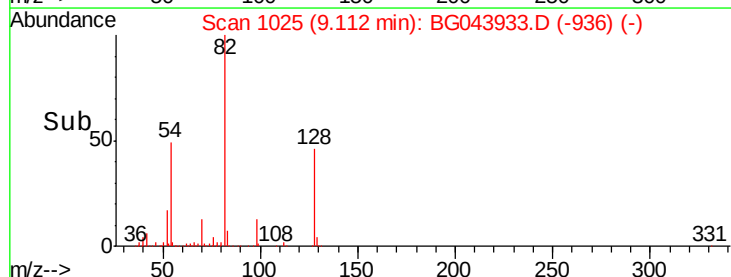
54 49.3 40.1 60.1

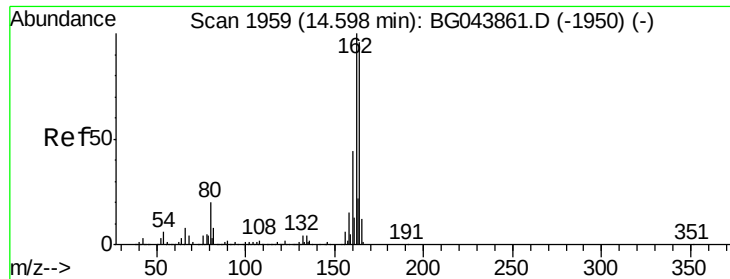


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG043933.D

Acq: 6 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

FB

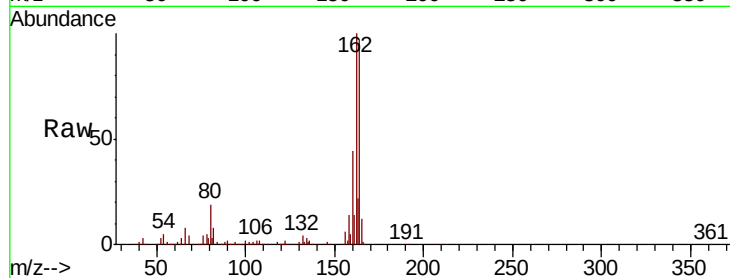
Tot Ion:164 Resp: 380509

Ion Ratio Lower Upper

164 100

162 103.6 83.0 124.4

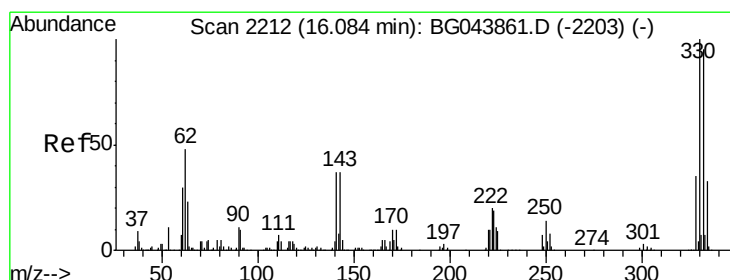
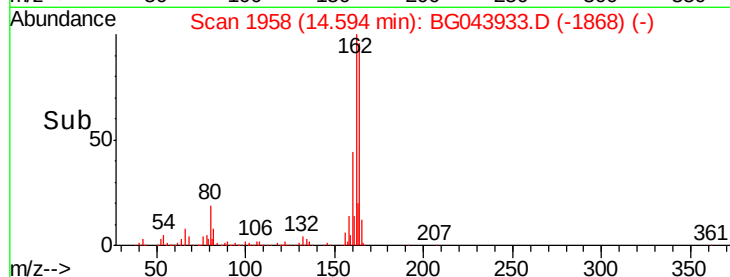
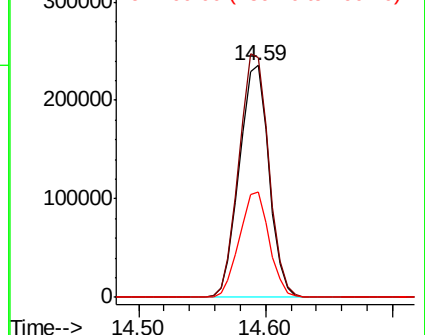
160 45.7 36.1 54.1



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: 122.687 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG043933.D

Acq: 6 Jan 2020 16:02

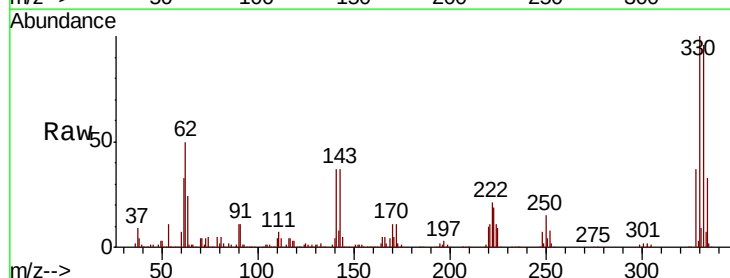
Tgt Ion:330 Resp: 488534

Ion Ratio Lower Upper

330 100

332 95.1 77.2 115.8

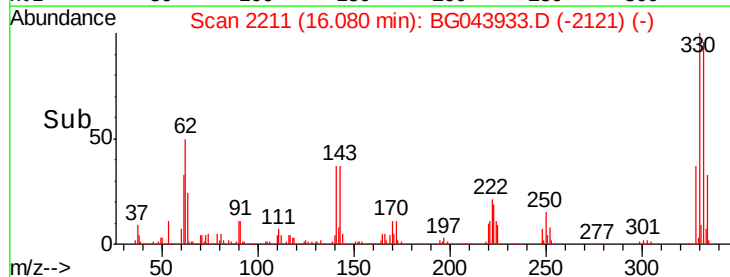
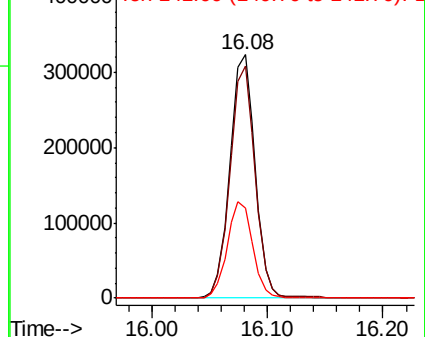
141 40.1 33.1 49.7

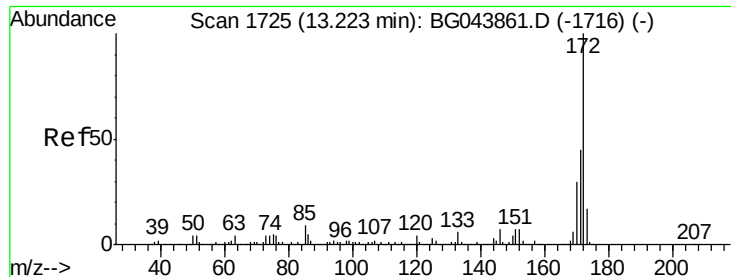


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 81.933 ng

RT: 13.22 min Scan# 1724

Delta R.T. -0.00 min

Lab File: BG043933.D

Acq: 6 Jan 2020 16:02

Instrument :

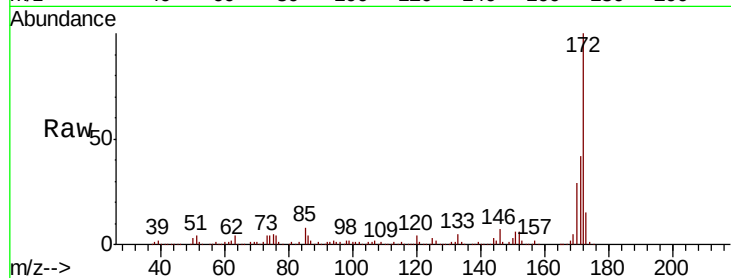
BNA_G

ClientSampleId :

FB

Tot Ion:172 Resp: 1720760

Ion	Ratio	Lower	Upper
172	100		
171	41.9	35.8	53.8
170	28.6	24.2	36.4

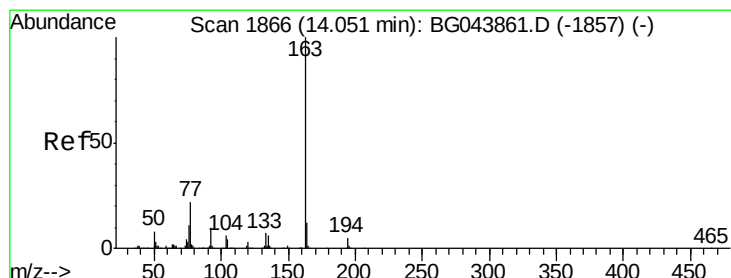
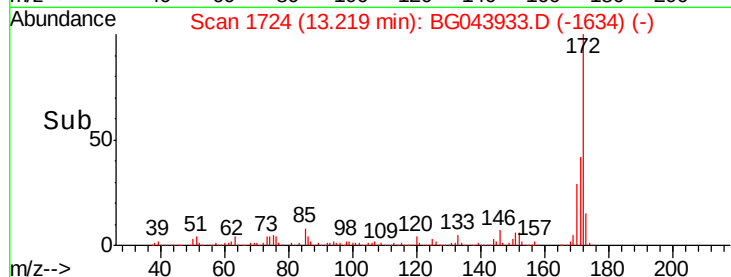
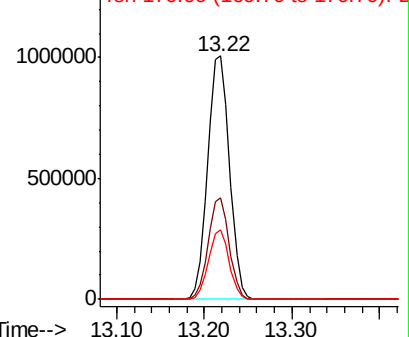


Abundance

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: 6.214 ng

RT: 14.04 min Scan# 1864

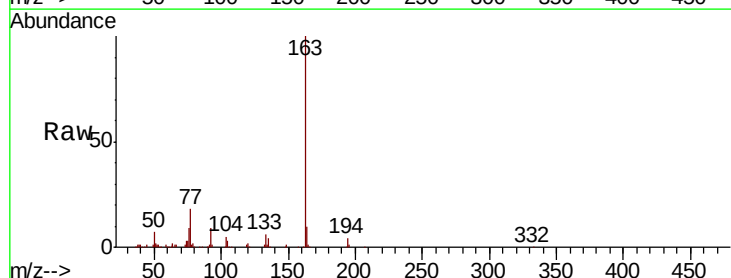
Delta R.T. -0.01 min

Lab File: BG043933.D

Acq: 6 Jan 2020 16:02

Tgt Ion:163 Resp: 167885

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.7	5.5
164	10.1	9.3	13.9

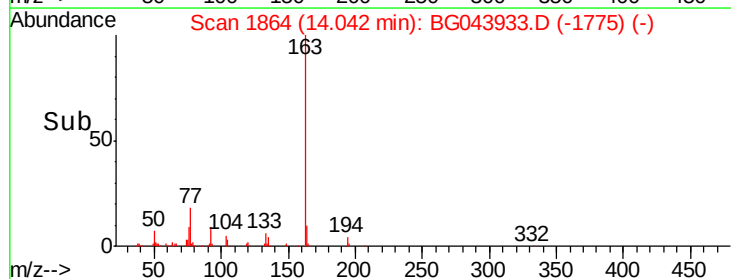
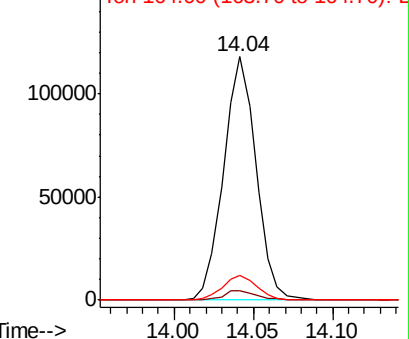


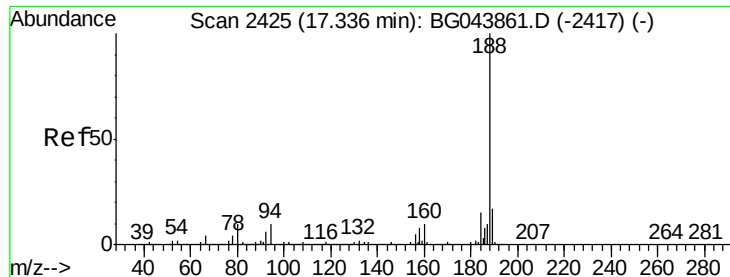
Abundance

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: 17.33 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BG043933.D

Acq: 6 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

FB

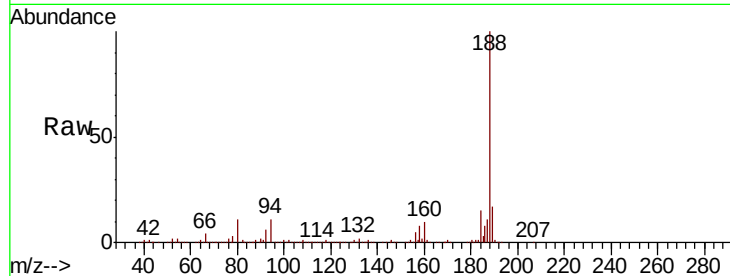
Tot Ion:188 Resp: 827235

Ion Ratio Lower Upper

188 100

94 10.5 7.9 11.9

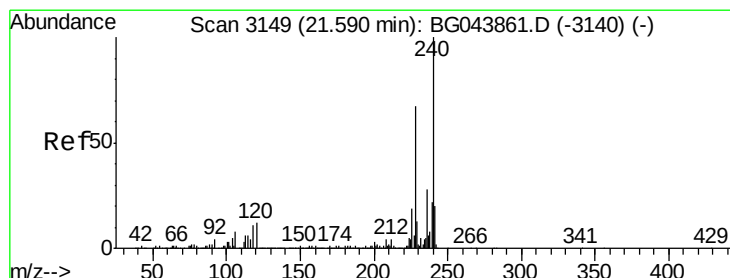
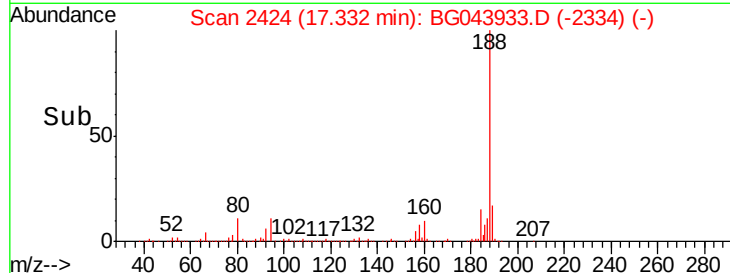
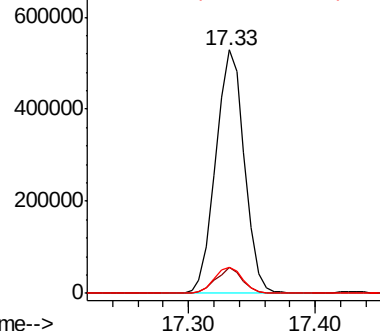
80 10.9 8.2 12.4



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

Chrysene-d12

Concen: 20.000 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG043933.D

Acq: 6 Jan 2020 16:02

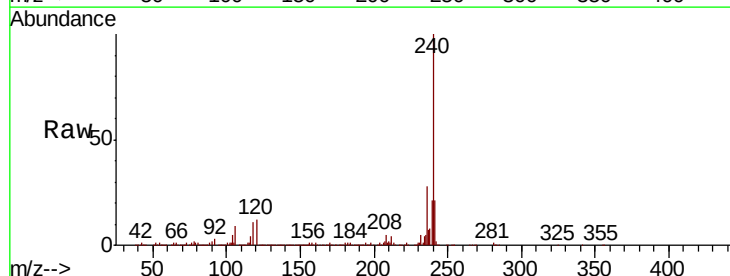
Tgt Ion:240 Resp: 709484

Ion Ratio Lower Upper

240 100

120 12.3 9.6 14.4

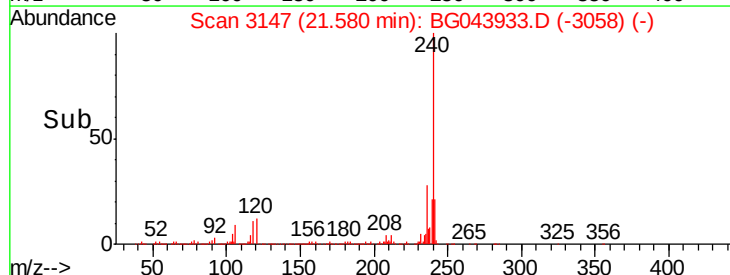
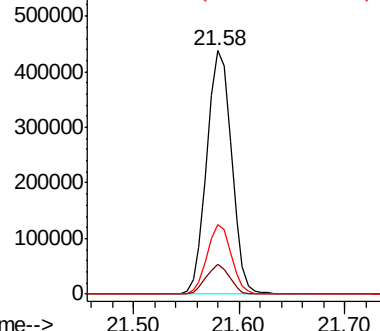
236 28.5 22.2 33.2

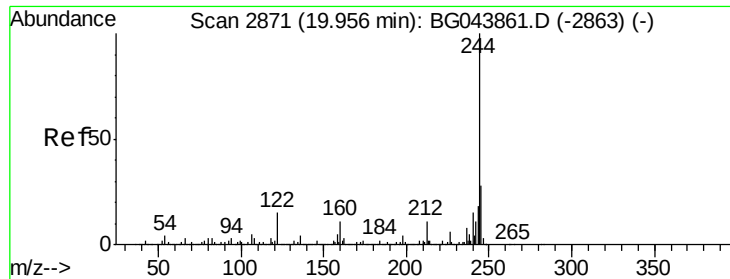


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.508 ng

RT: 19.95 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG043933.D

Acq: 6 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

FB

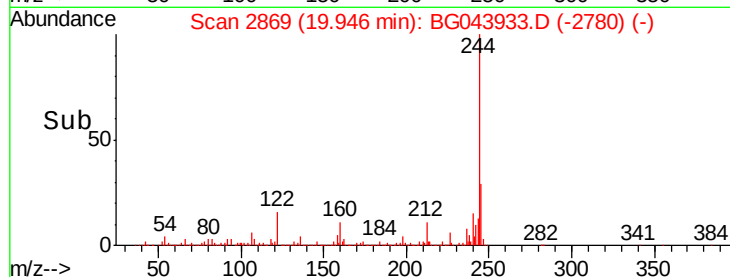
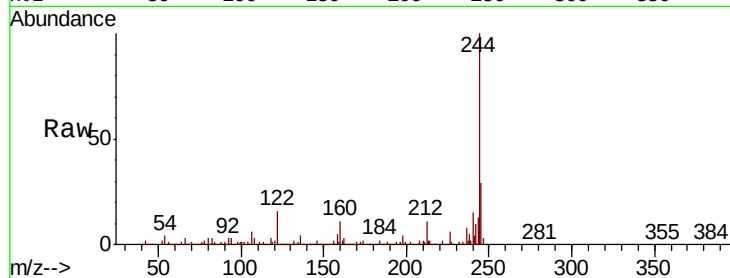
Tot Ion:244 Resp: 2402864

Ion Ratio Lower Upper

244 100

212 11.2 8.6 13.0

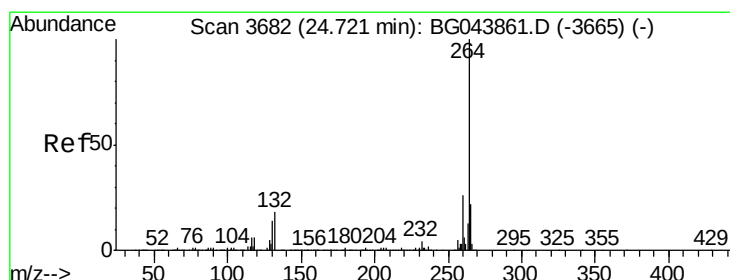
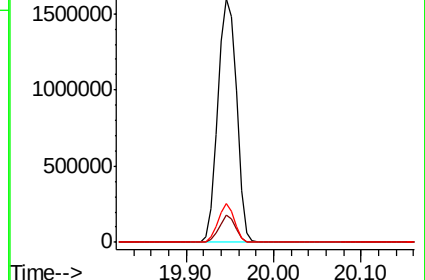
122 15.8 11.9 17.9



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: 24.71 min Scan# 3679

Delta R.T. -0.02 min

Lab File: BG043933.D

Acq: 6 Jan 2020 16:02

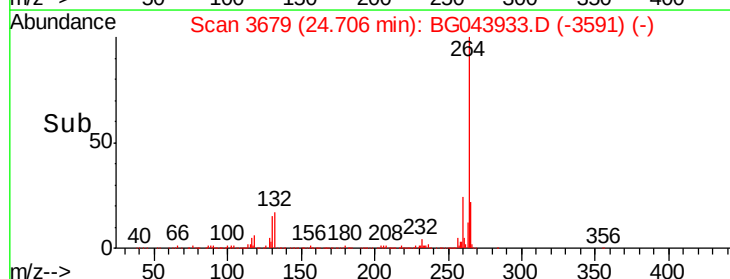
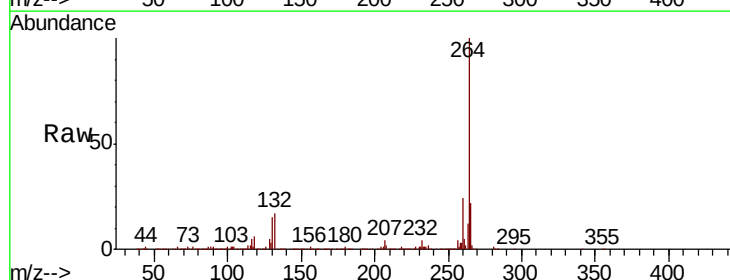
Tgt Ion:264 Resp: 790706

Ion Ratio Lower Upper

264 100

260 24.0 20.4 30.6

265 22.2 17.4 26.2



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

