

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
 Data File : BG043222.D
 Acq On : 15 Oct 2019 17:15
 Operator : JU
 Sample : K5325-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 10-10-D

Quant Time: Oct 16 01:49:37 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

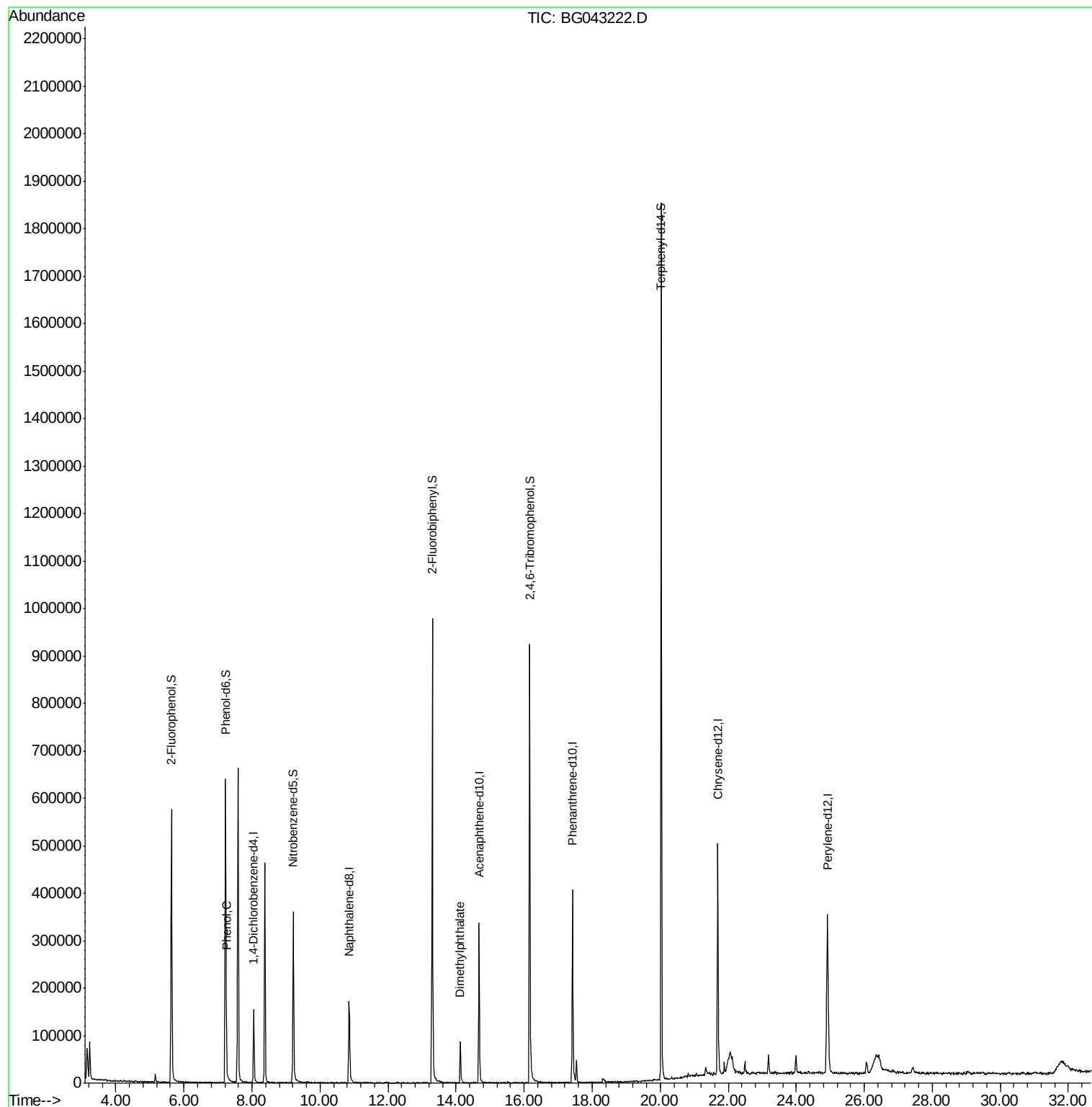
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49044	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	184157	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	134722	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	320878	20.00	ng	0.00
76) Chrysene-d12	21.70	240	341019	20.00	ng	0.00
87) Perylene-d12	24.92	264	390886	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	272245	99.06	ng	0.00
7) Phenol-d6	7.22	99	408171	103.14	ng	0.00
23) Nitrobenzene-d5	9.21	82	251234	66.31	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	235552	101.68	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	595375	64.07	ng	0.00
79) Terphenyl-d14	20.03	244	1020799	63.79	ng	0.00
Target Compounds						
10) Phenol	7.25	94	10510	2.895	ng	81
50) Dimethylphthalate	14.12	163	72318	7.164	ng	# 93

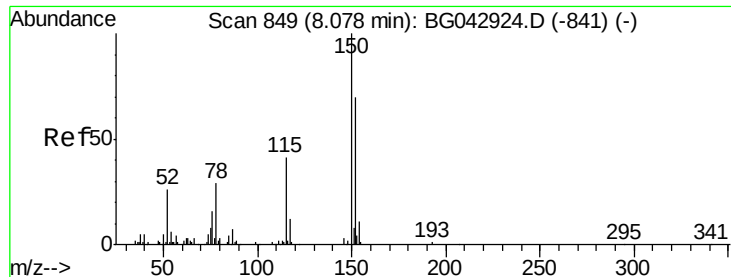
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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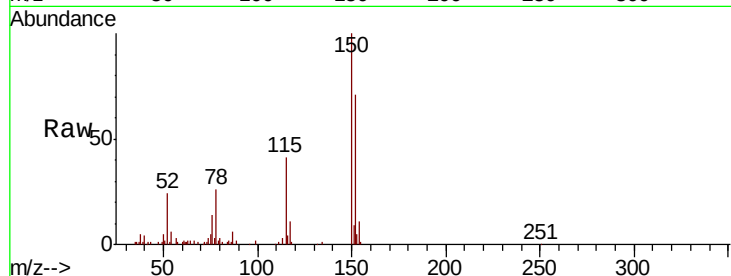


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG043222.D
Acq: 15 Oct 2019 17:15

Instrument :
BNA_G
ClientSampleId :
10-10-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.9	115.0	172.4
115	57.8	47.0	70.6

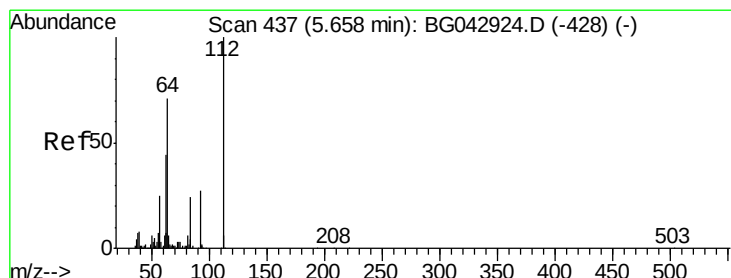
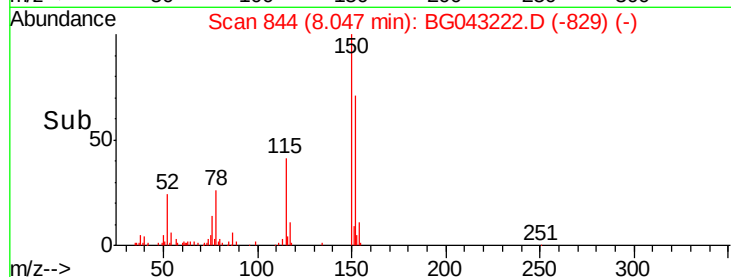
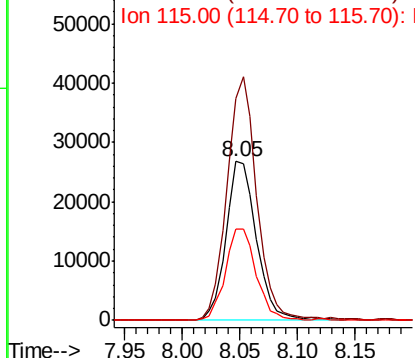


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

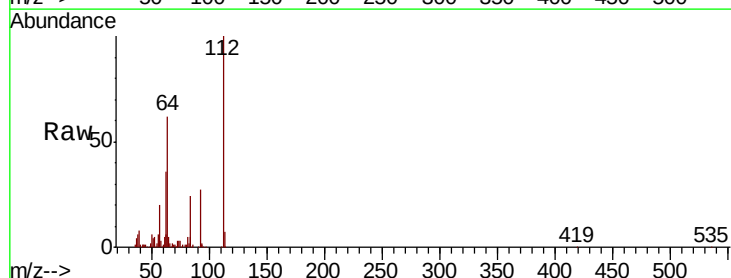
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 99.065 ng
RT: 5.63 min Scan# 433
Delta R.T. -0.01 min
Lab File: BG043222.D
Acq: 15 Oct 2019 17:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	56.6	84.8
63	36.1	35.1	52.7

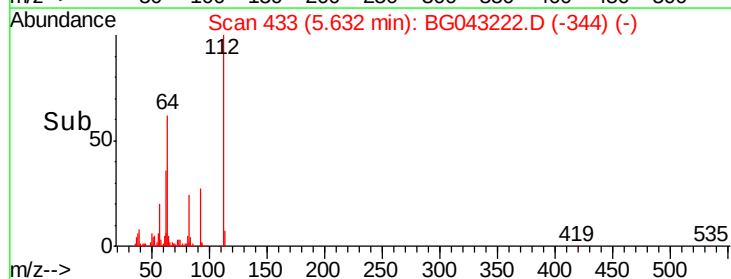
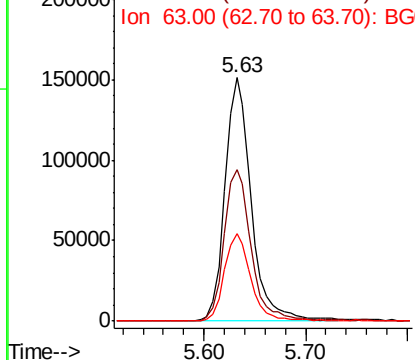


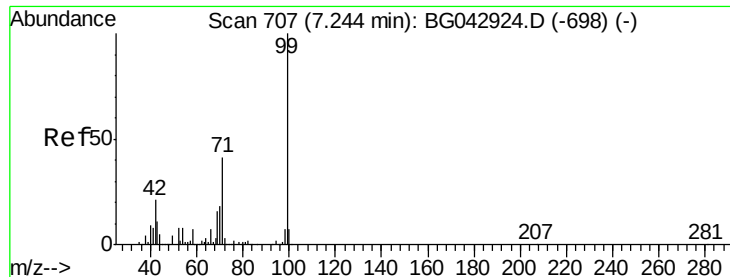
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 103.139 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043222.D

Acq: 15 Oct 2019 17:15

Instrument :

BNA_G

ClientSampled :

10-10-D

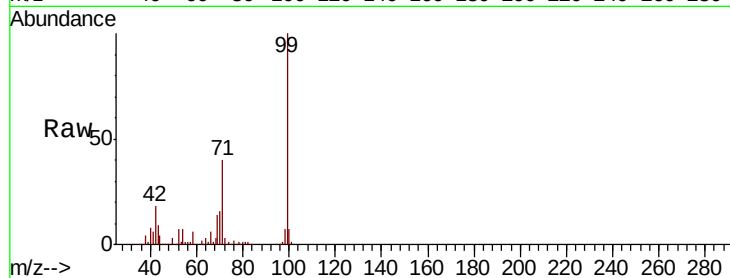
Tot Ion: 99 Resp: 408171

Ion Ratio Lower Upper

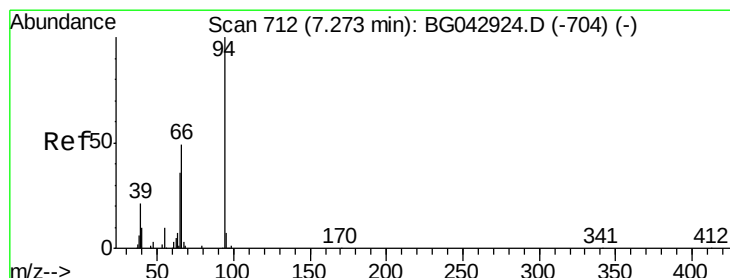
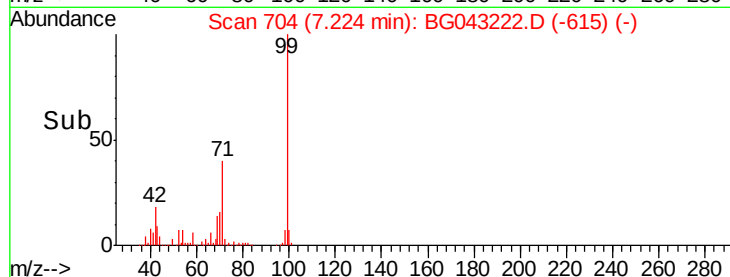
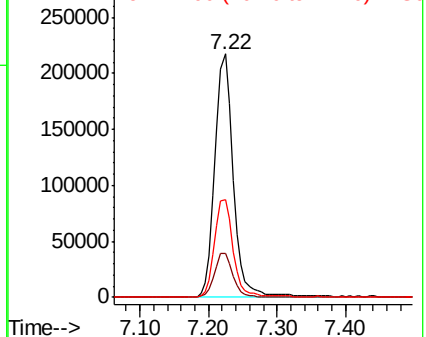
99 100

42 17.9 17.2 25.8

71 40.2 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: 2.895 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG043222.D

Acq: 15 Oct 2019 17:15

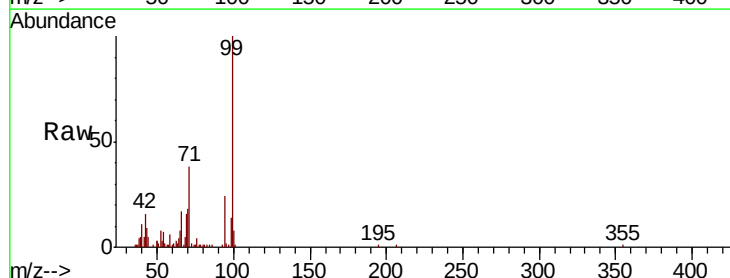
Tgt Ion: 94 Resp: 10510

Ion Ratio Lower Upper

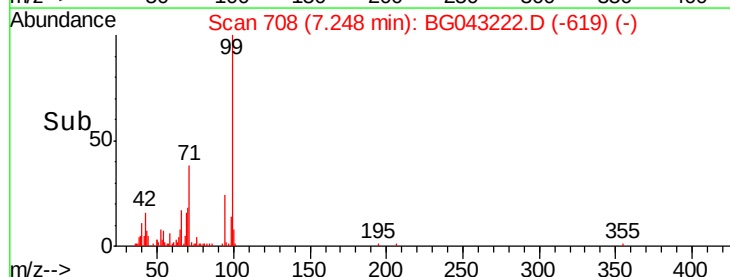
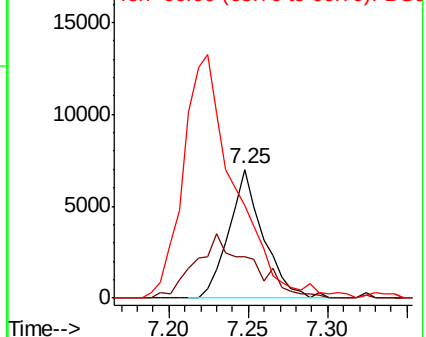
94 100

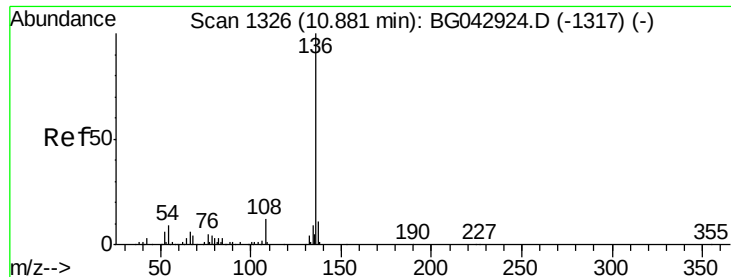
65 32.6 16.6 56.6

66 72.0 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

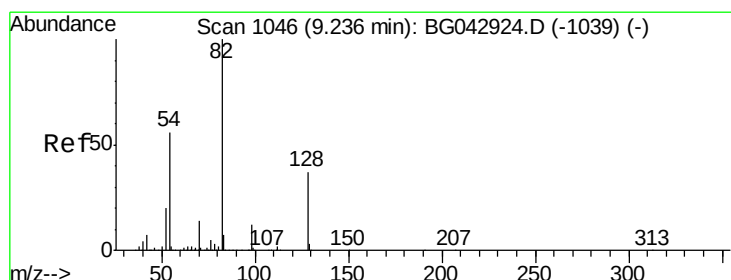
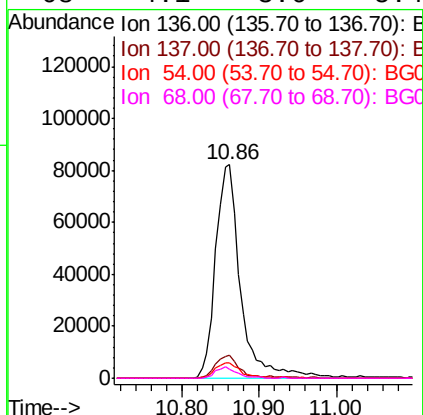
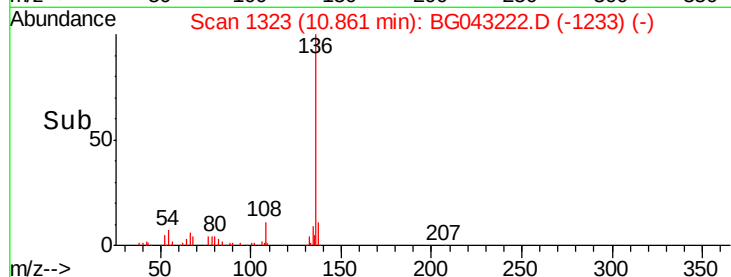
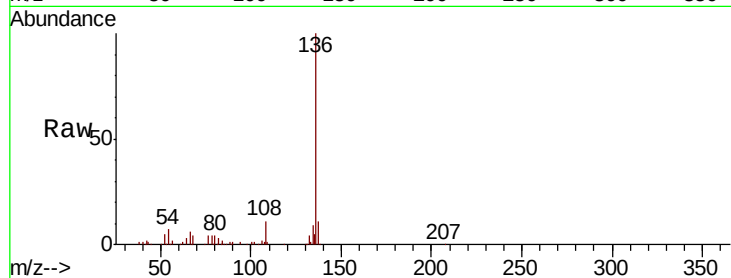




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG043222.D
Acq: 15 Oct 2019 17:15

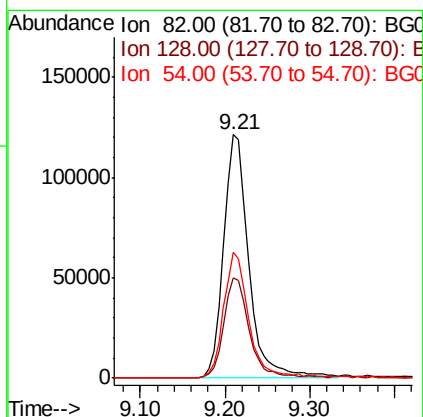
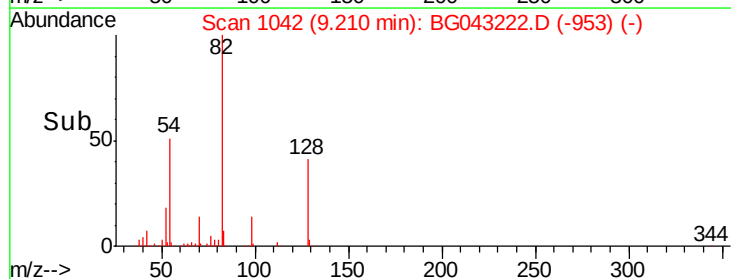
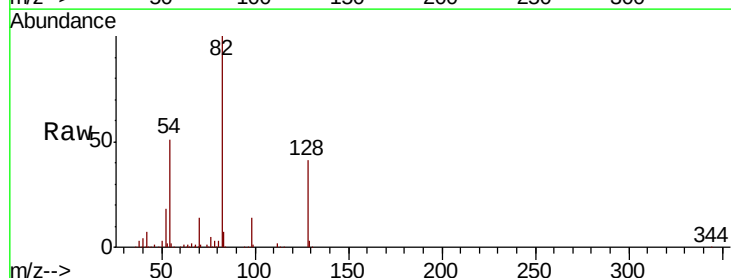
Instrument :
BNA_G
ClientSampleId :
10-10-D

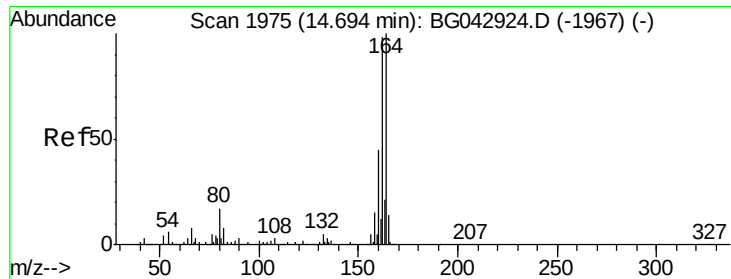
Tot Ion:136	Resp:	184157
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.5 12.7
54	7.0	7.4 11.2#
68	4.1	3.6 5.4



#23
Nitrobenzene-d5
Concen: 66.309 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG043222.D
Acq: 15 Oct 2019 17:15

Tgt Ion: 82	Resp:	251234
Ion Ratio	Lower	Upper
82	100	
128	41.3	29.5 44.3
54	51.4	44.6 67.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG043222.D

Acq: 15 Oct 2019 17:15

Instrument :

BNA_G

ClientSampleId :

10-10-D

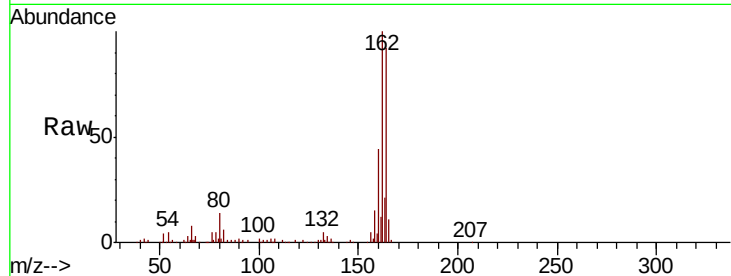
Tot Ion:164 Resp: 134722

Ion Ratio Lower Upper

164 100

162 108.2 78.5 117.7

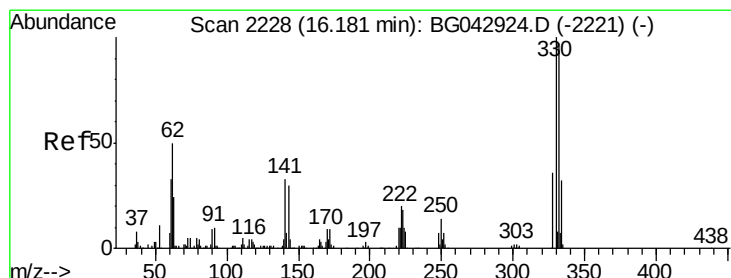
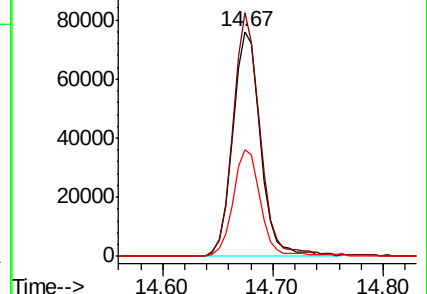
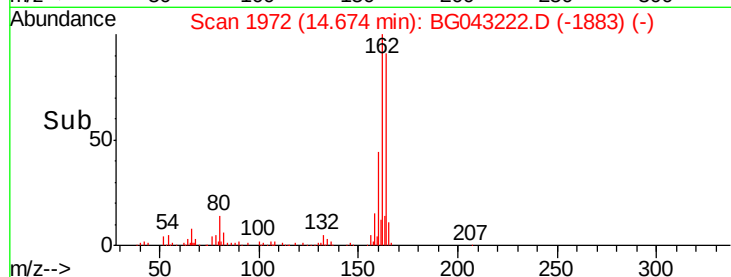
160 47.5 35.9 53.9



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: 101.679 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG043222.D

Acq: 15 Oct 2019 17:15

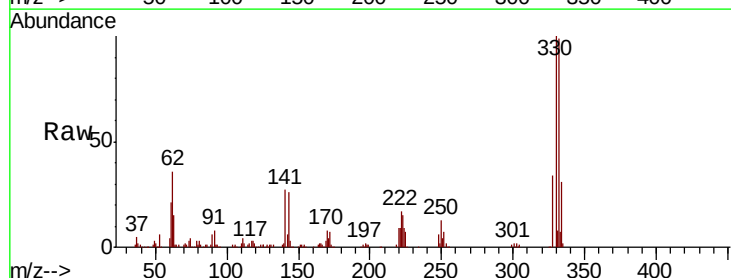
Tgt Ion:330 Resp: 235552

Ion Ratio Lower Upper

330 100

332 96.3 78.2 117.2

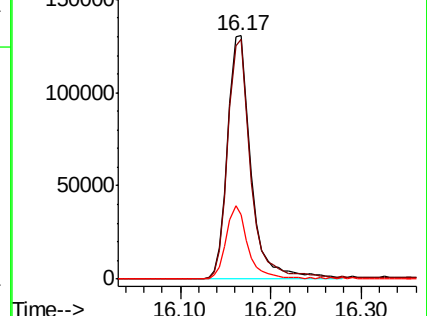
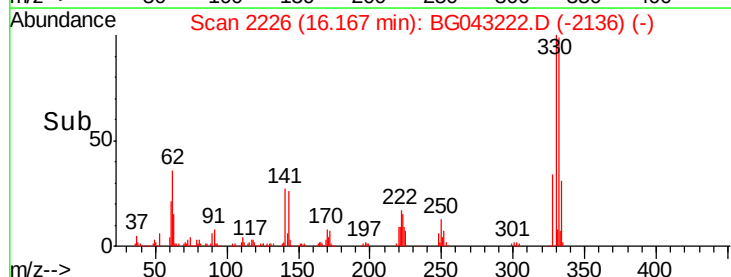
141 28.2 26.0 39.0

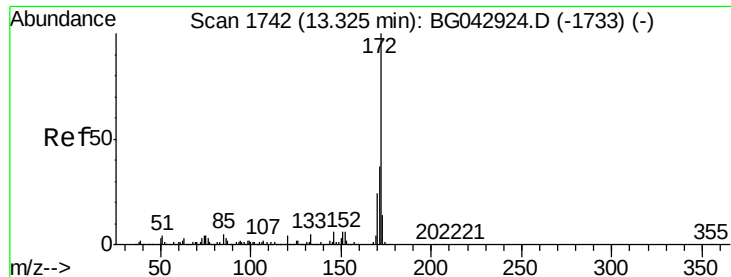


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

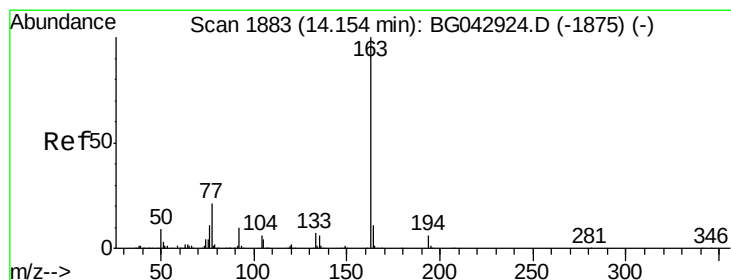
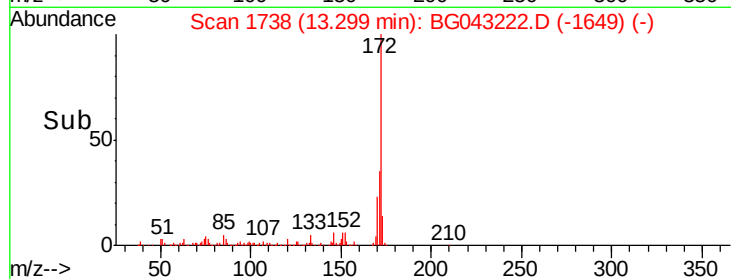
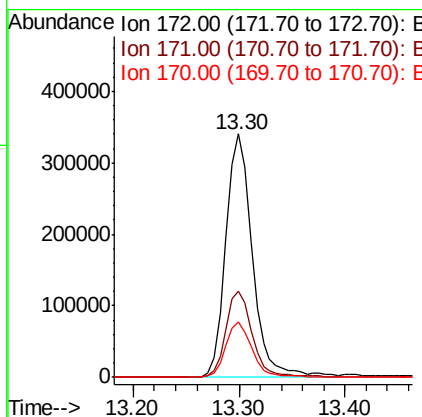
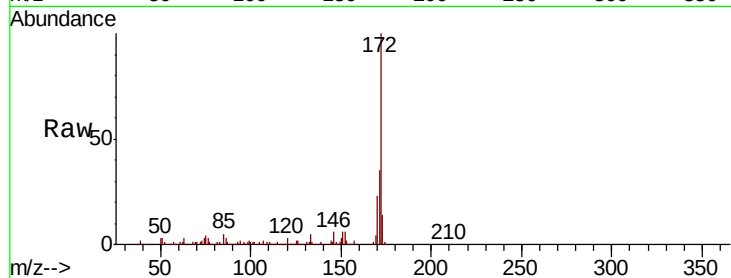




#45
2-Fluorobiphenyl
Concen: 64.066 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG043222.D
Acq: 15 Oct 2019 17:15

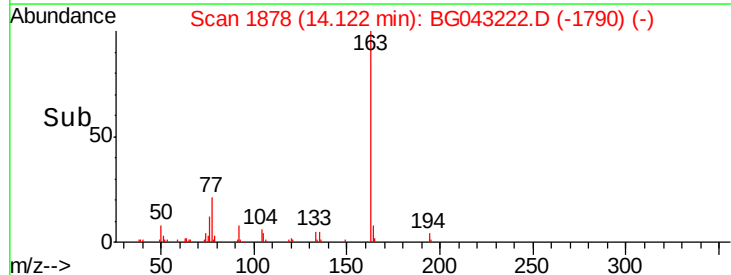
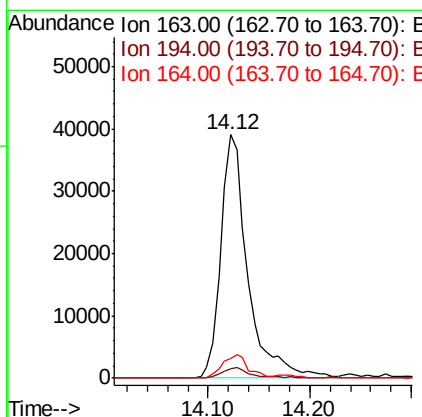
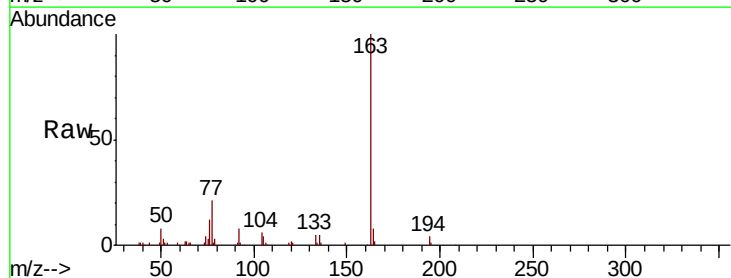
Instrument :
BNA_G
ClientSampleId :
10-10-D

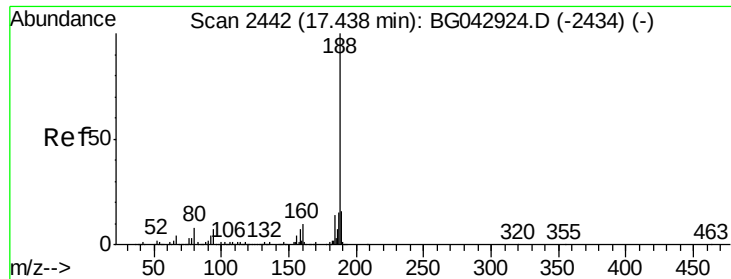
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.0	19.6	29.4



#50
Dimethylphthalate
Concen: 7.164 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG043222.D
Acq: 15 Oct 2019 17:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	4.4	6.6#
164	7.9	8.6	12.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG043222.D

Acq: 15 Oct 2019 17:15

Instrument :

BNA_G

ClientSampleId :

10-10-D

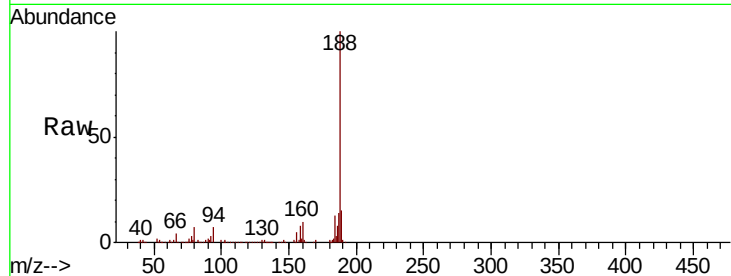
Tot Ion:188 Resp: 320878

Ion Ratio Lower Upper

188 100

94 6.6 5.7 8.5

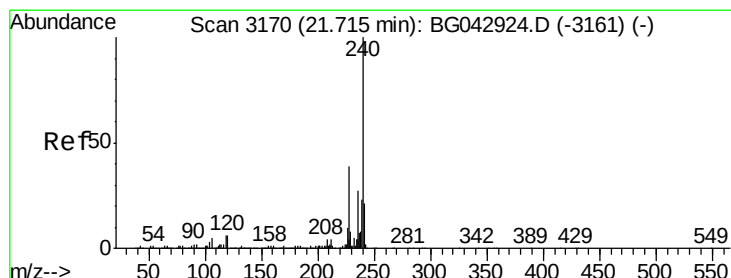
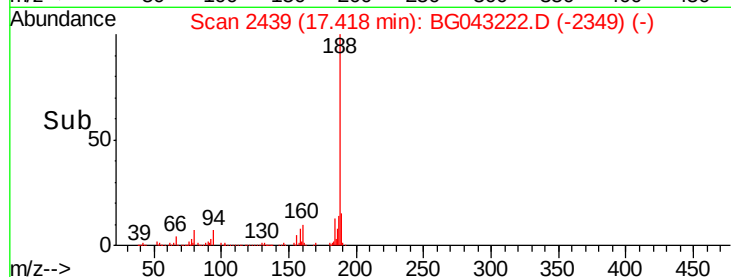
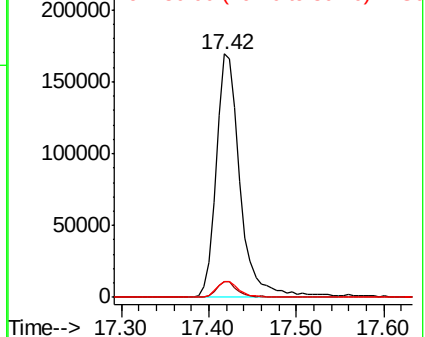
80 6.5 6.5 9.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. 0.01 min

Lab File: BG043222.D

Acq: 15 Oct 2019 17:15

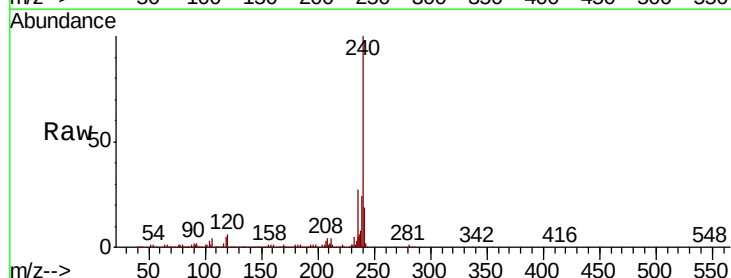
Tgt Ion:240 Resp: 341019

Ion Ratio Lower Upper

240 100

120 6.0 4.8 7.2

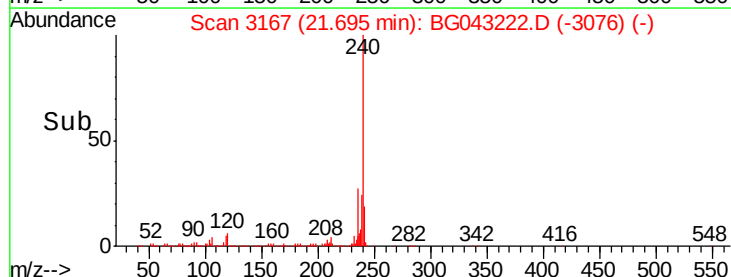
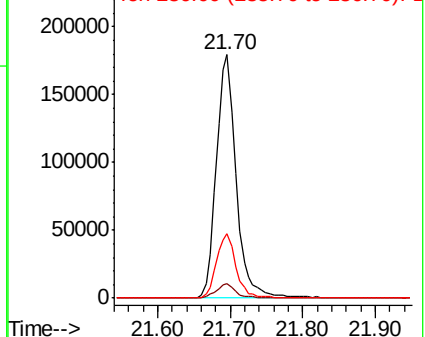
236 26.5 21.4 32.0

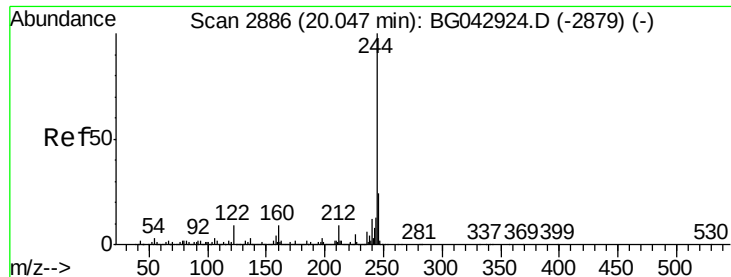


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 63.785 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG043222.D

Acq: 15 Oct 2019 17:15

Instrument :

BNA_G

ClientSampleId :

10-10-D

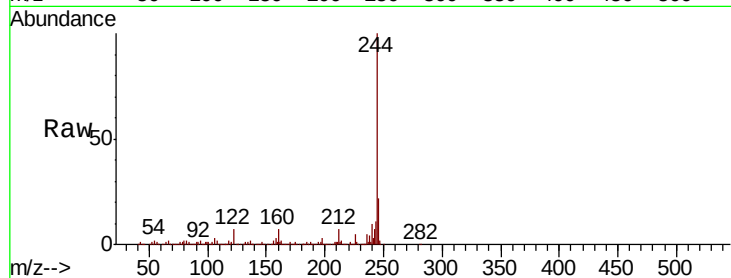
Tot Ion:244 Resp: 1020799

Ion Ratio Lower Upper

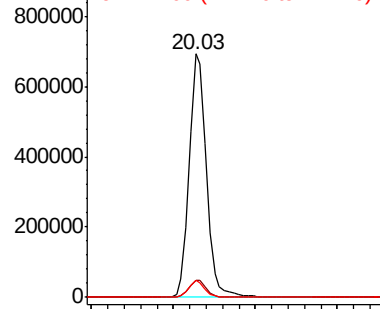
244 100

212 6.8 7.4 11.0#

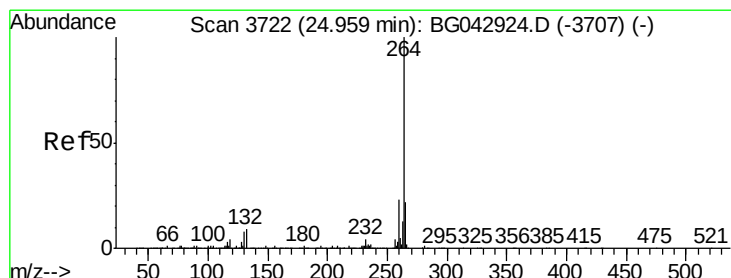
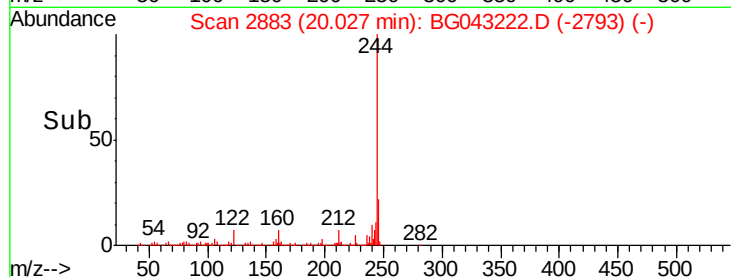
122 7.0 7.0 10.4



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



Time--> 19.90 20.00 20.10 20.20



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3715

Delta R.T. 0.01 min

Lab File: BG043222.D

Acq: 15 Oct 2019 17:15

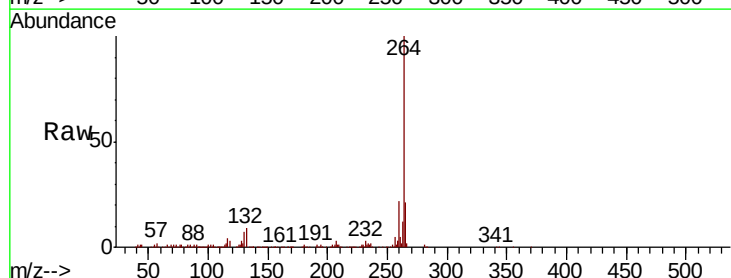
Tgt Ion:264 Resp: 390886

Ion Ratio Lower Upper

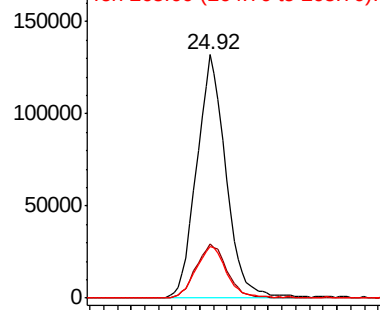
264 100

260 22.5 18.7 28.1

265 21.4 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



Time--> 24.80 24.90 25.00 25.10

