

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043898.D
 Acq On : 3 Jan 2020 21:52
 Operator : JU
 Sample : K6449-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUPLICATE

Quant Time: Jan 04 05:24:06 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

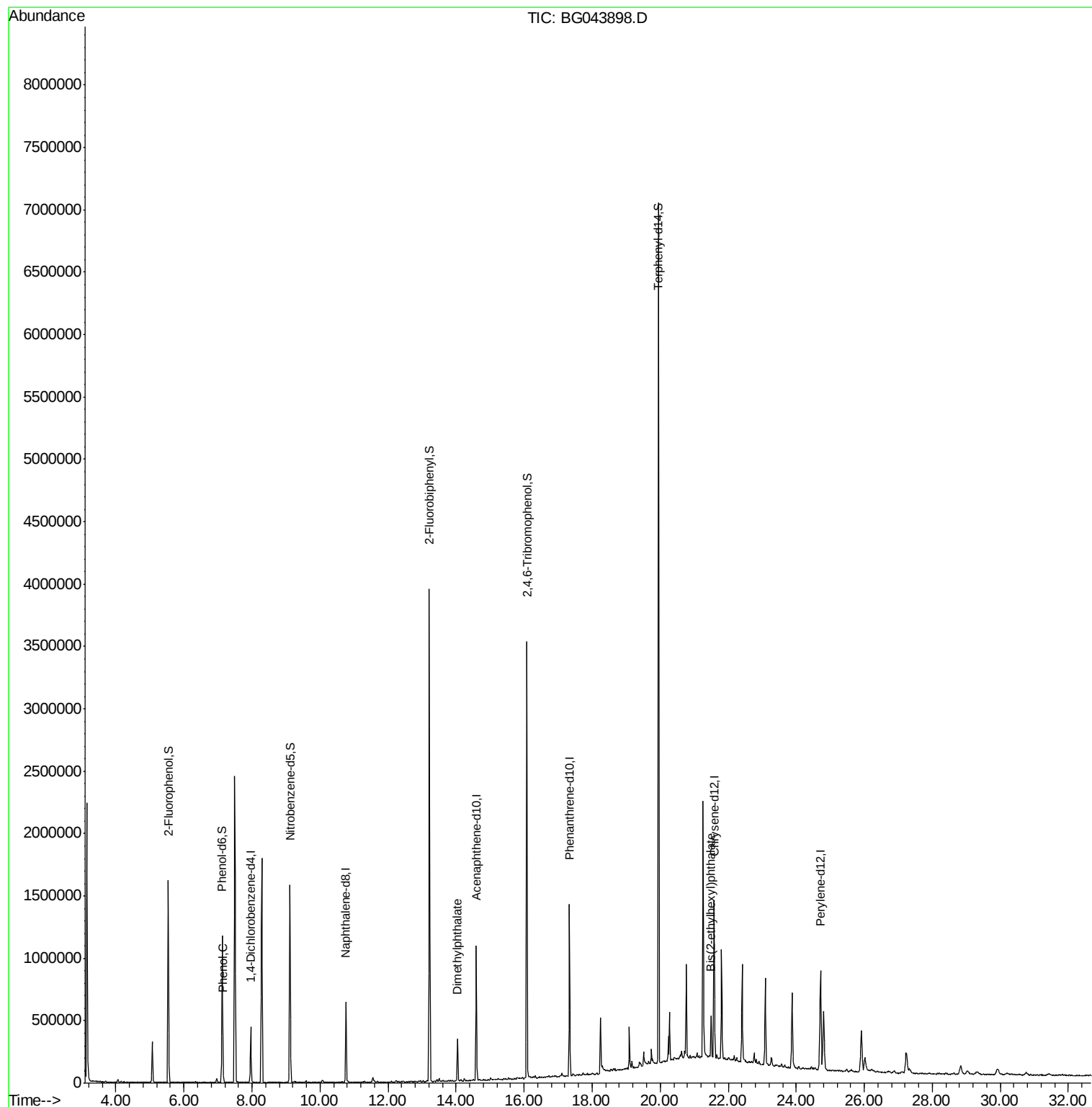
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	129817	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	570051	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	378897	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	817239	20.00	ng	0.00
76) Chrysene-d12	21.58	240	687020	20.00	ng	0.00
87) Perylene-d12	24.72	264	797010	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	725634	102.63	ng	0.00
7) Phenol-d6	7.12	99	713844	72.23	ng	0.00
23) Nitrobenzene-d5	9.12	82	962669	90.34	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	623489	157.24	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1981454	94.75	ng	0.00
79) Terphenyl-d14	19.95	244	2691664	98.34	ng	0.00
Target Compounds						
10) Phenol	7.15	94	39810	3.910	ng	96
50) Dimethylphthalate	14.05	163	236091	8.776	ng	96
84) Bis(2-ethylhexyl)phthalate	21.50	149	140132	4.757	ng	93

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

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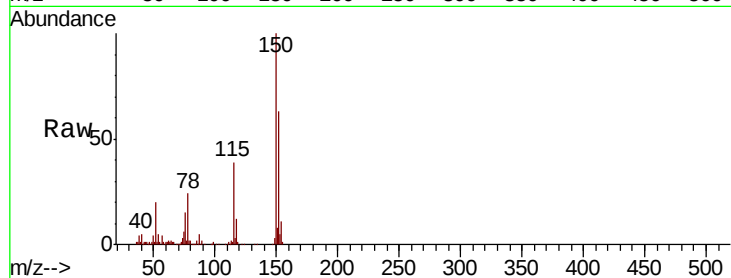


#1

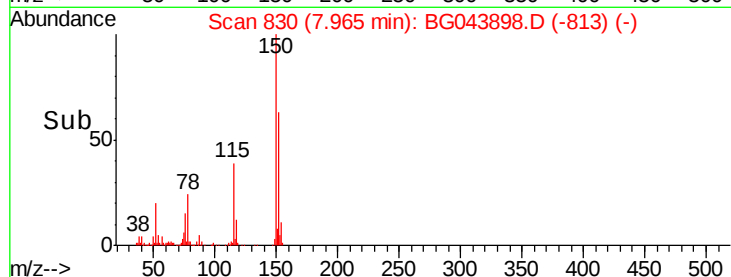
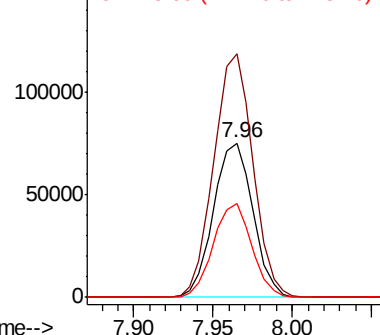
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043898.D
Acq: 3 Jan 2020 21:52

Instrument :
BNA_G
ClientSampleId :
DUPLICATE

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	127.0	190.4
115	60.9	47.8	71.8



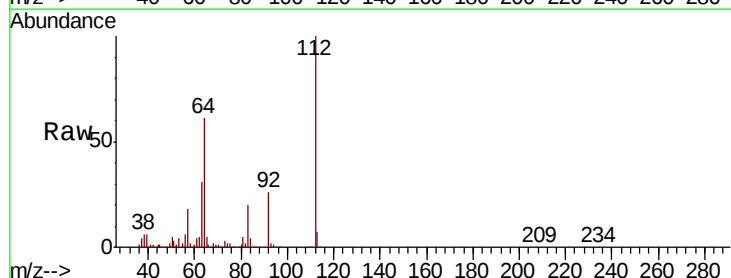
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



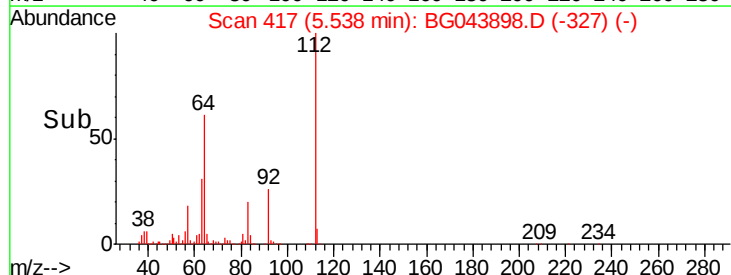
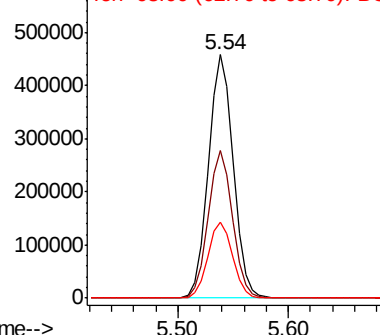
#5

2-Fluorophenol
Concen: 102.633 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG043898.D
Acq: 3 Jan 2020 21:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.8	71.6
63	31.5	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: 72.231 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG043898.D

Acq: 3 Jan 2020 21:52

Instrument :

BNA_G

ClientSampleId :

DUPLICATE

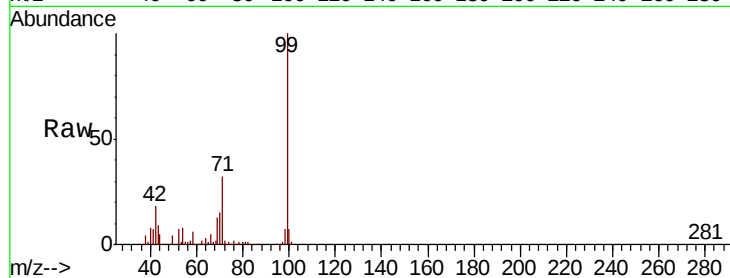
Tot Ion: 99 Resp: 713844

Ion Ratio Lower Upper

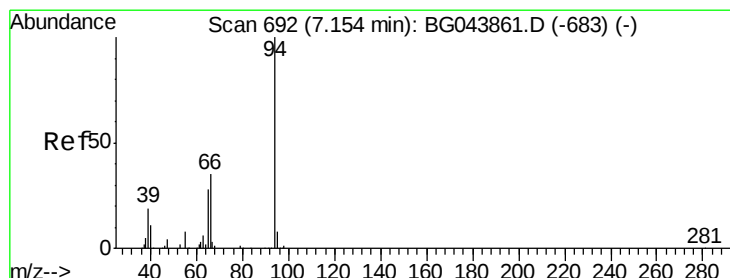
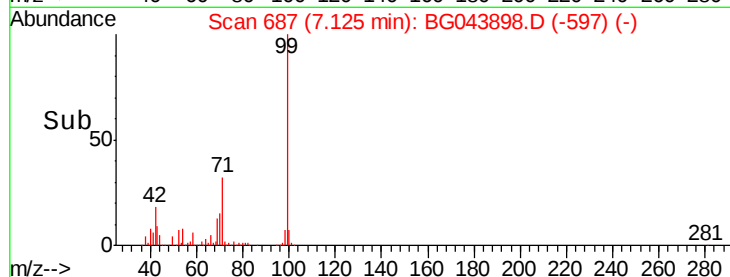
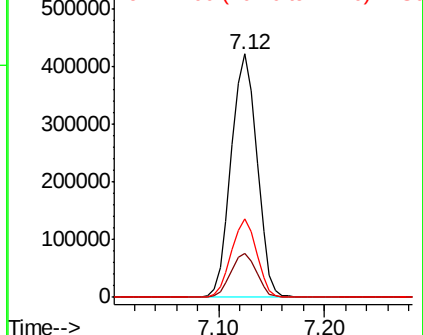
99 100

42 17.9 14.9 22.3

71 32.3 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: 3.910 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG043898.D

Acq: 3 Jan 2020 21:52

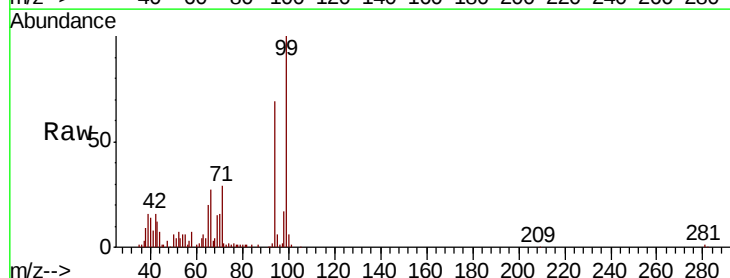
Tgt Ion: 94 Resp: 39810

Ion Ratio Lower Upper

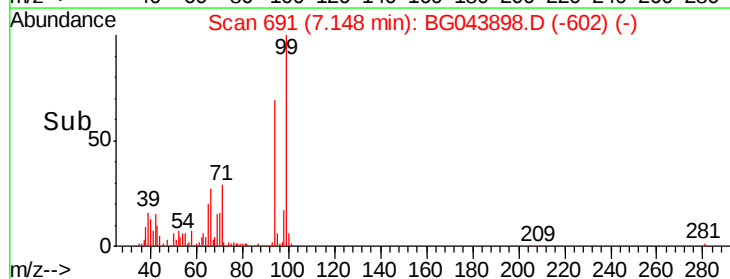
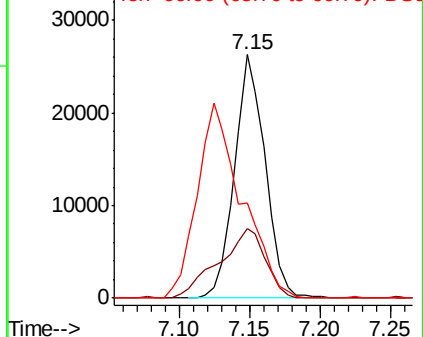
94 100

65 28.7 8.1 48.1

66 38.9 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. -0.01 min

Lab File: BG043898.D

Acq: 3 Jan 2020 21:52

Instrument :

BNA_G

ClientSampleId :

DUPLICATE

Tot Ion:136 Resp: 570051

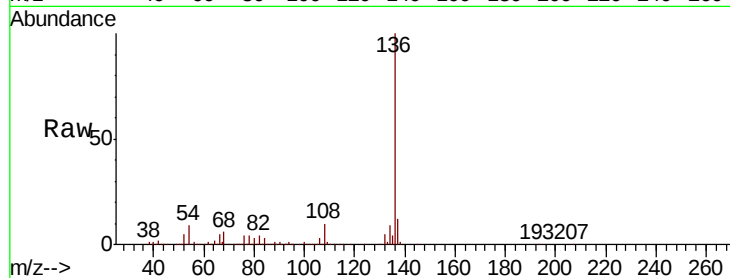
Ion Ratio Lower Upper

136 100

137 11.7 8.8 13.2

54 8.5 7.0 10.4

68 6.1 4.9 7.3

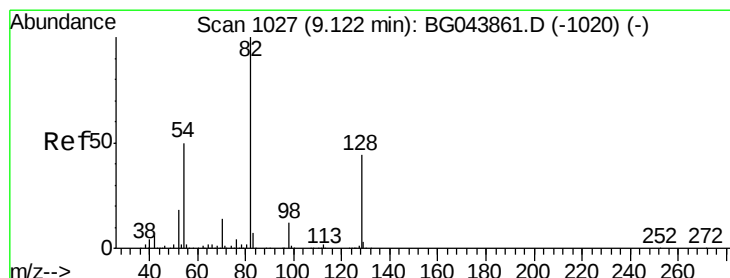
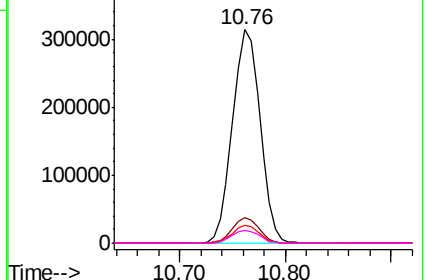
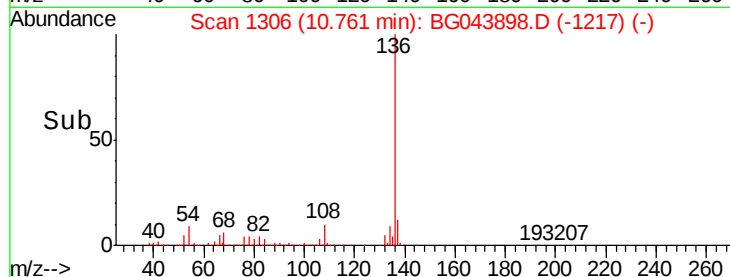


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.341 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BG043898.D

Acq: 3 Jan 2020 21:52

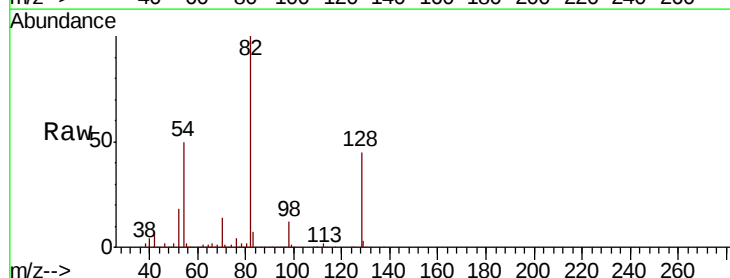
Tgt Ion: 82 Resp: 962669

Ion Ratio Lower Upper

82 100

128 45.0 35.1 52.7

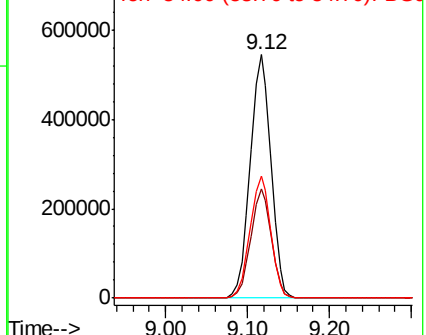
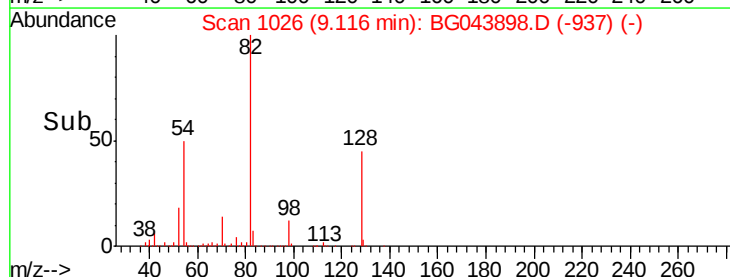
54 50.3 40.1 60.1

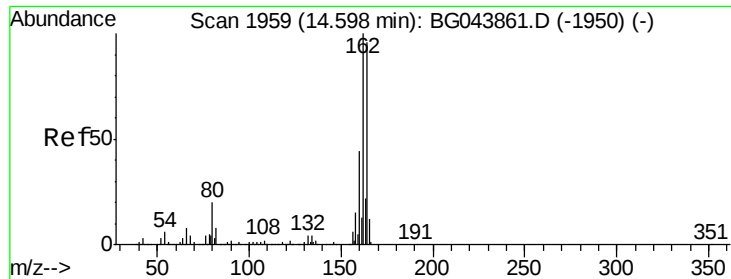


Abundance Ion 82.00 (81.70 to 82.70): BGC

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. -0.01 min

Lab File: BG043898.D

Acq: 3 Jan 2020 21:52

Instrument :

BNA_G

ClientSampleId :

DUPLICATE

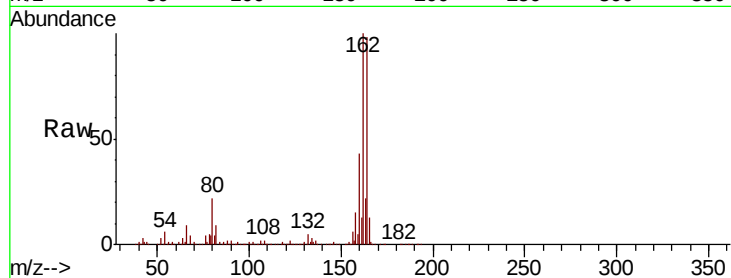
Tot Ion:164 Resp: 378897

Ion Ratio Lower Upper

164 100

162 102.0 83.0 124.4

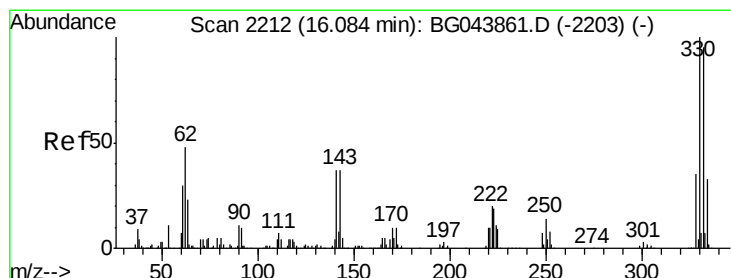
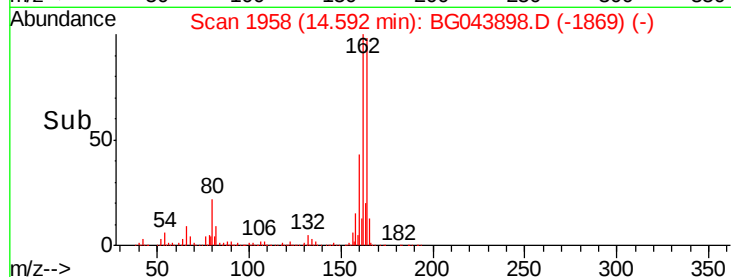
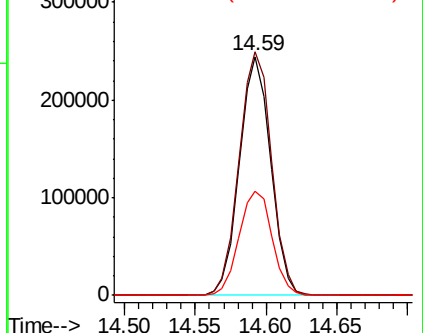
160 43.7 36.1 54.1



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: 157.245 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BG043898.D

Acq: 3 Jan 2020 21:52

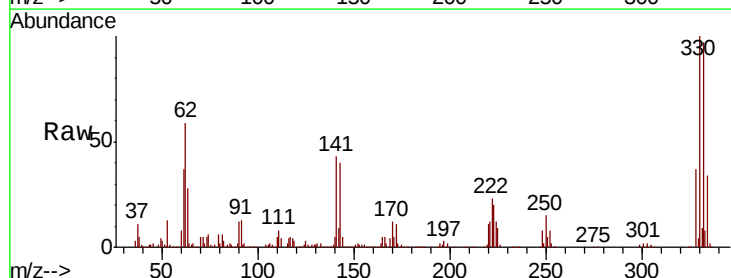
Tgt Ion:330 Resp: 623489

Ion Ratio Lower Upper

330 100

332 95.4 77.2 115.8

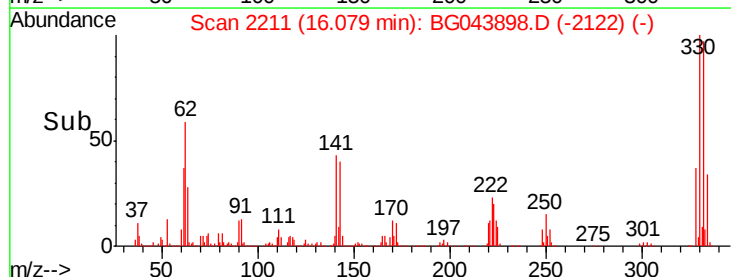
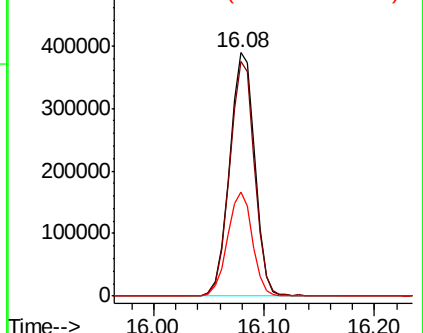
141 42.0 33.1 49.7

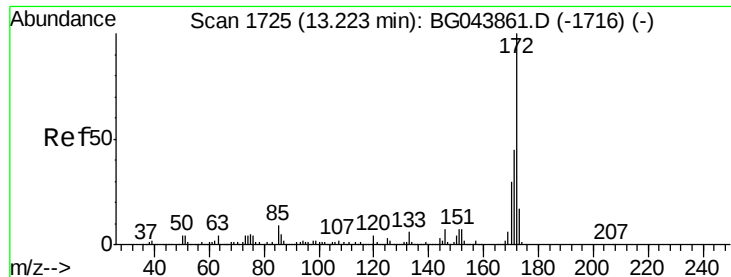


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

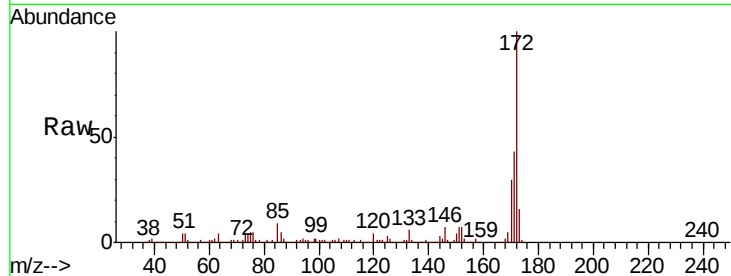




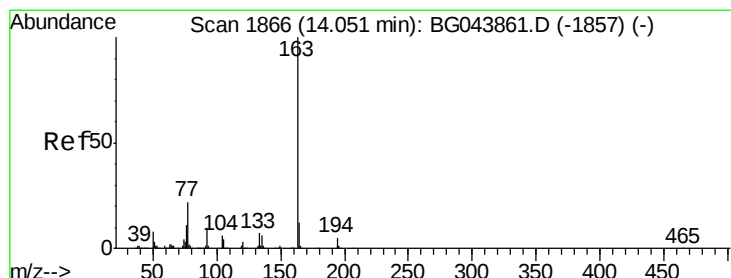
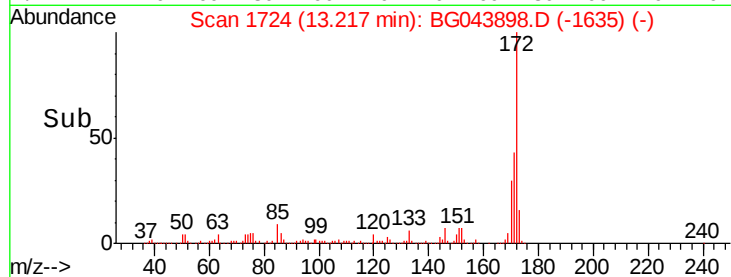
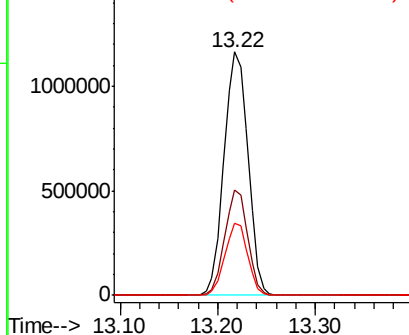
#45
 2-Fluorobiphenyl
 Concen: 94.747 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG043898.D
 Acq: 3 Jan 2020 21:52

Instrument :
 BNA_G
 ClientSampleId :
 DUPLICATE

Tot Ion:172 Resp: 1981454
 Ion Ratio Lower Upper
 172 100
 171 43.1 35.8 53.8
 170 29.6 24.2 36.4

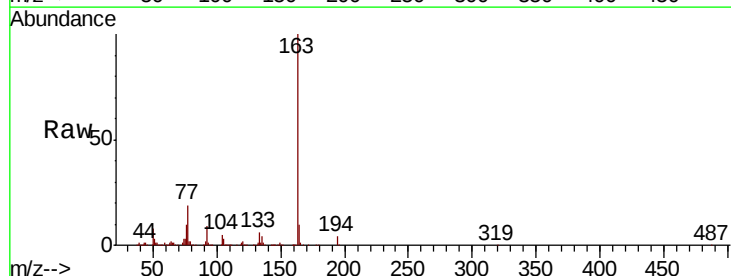


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

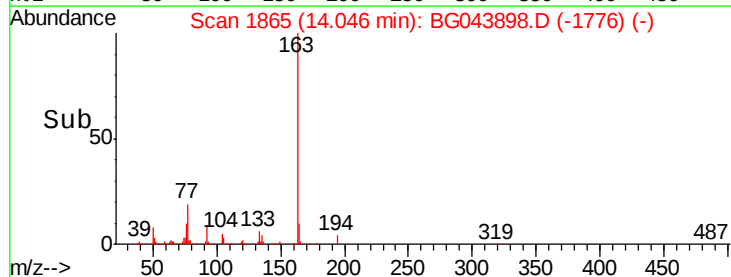
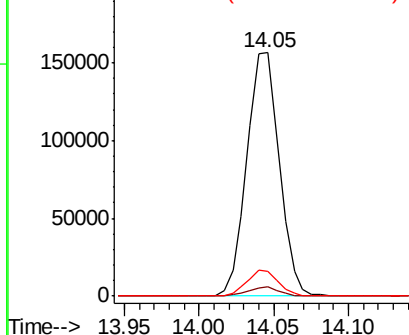


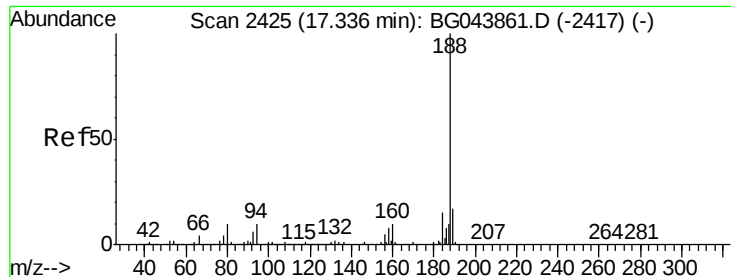
#50
 Dimethylphthalate
 Concen: 8.776 ng
 RT: 14.05 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BG043898.D
 Acq: 3 Jan 2020 21:52

Tgt Ion:163 Resp: 236091
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.7 5.5
 164 9.9 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

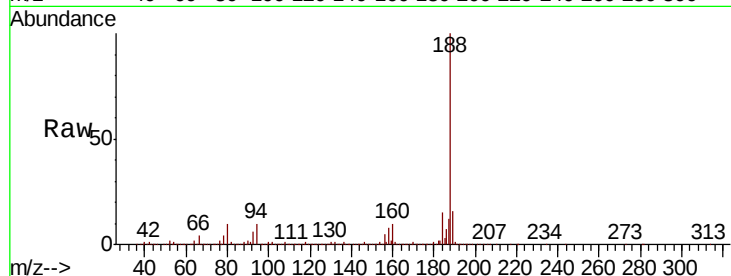




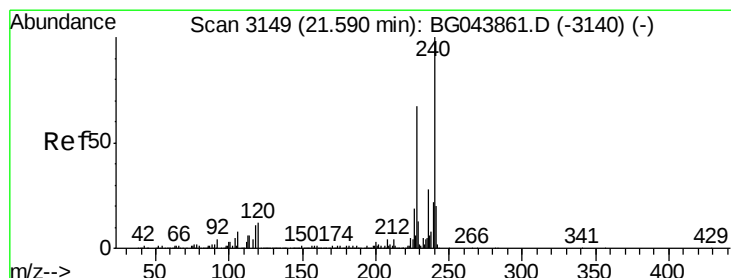
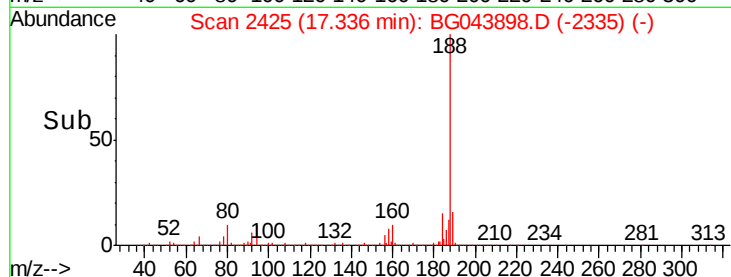
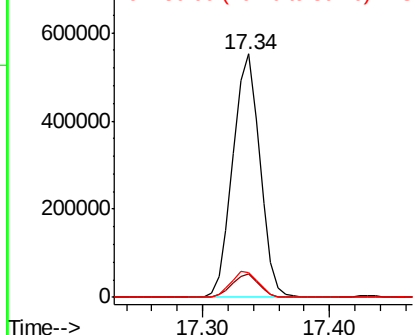
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG043898.D
Acq: 3 Jan 2020 21:52

Instrument :
BNA_G
ClientSampleId :
DUPLICATE

Tot Ion:188 Resp: 817239
Ion Ratio Lower Upper
188 100
94 9.6 7.9 11.9
80 10.4 8.2 12.4

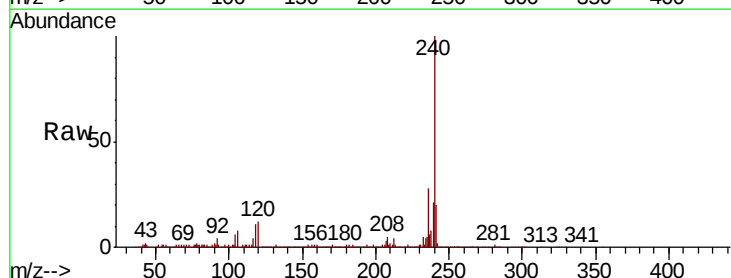


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

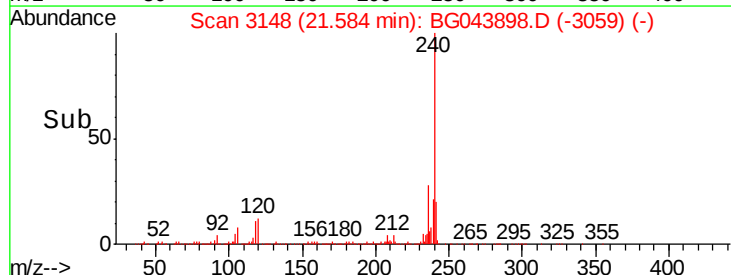
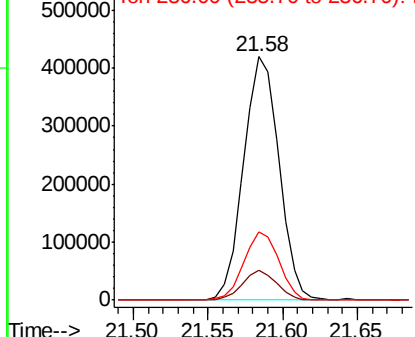


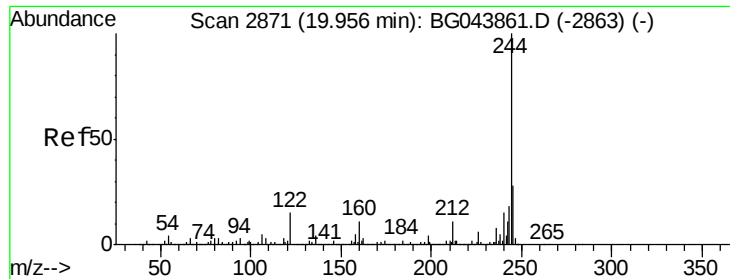
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG043898.D
Acq: 3 Jan 2020 21:52

Tgt Ion:240 Resp: 687020
Ion Ratio Lower Upper
240 100
120 12.1 9.6 14.4
236 27.8 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: 98.336 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG043898.D

Acq: 3 Jan 2020 21:52

Instrument :

BNA_G

ClientSampleId :

DUPLICATE

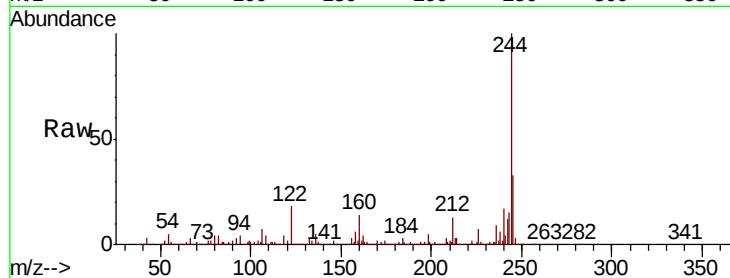
Tot Ion:244 Resp: 2691664

Ion Ratio Lower Upper

244 100

212 12.9 8.6 13.0

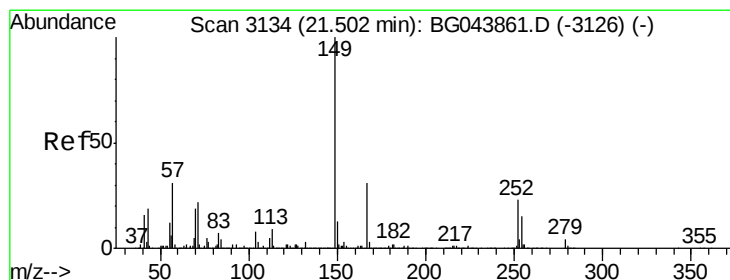
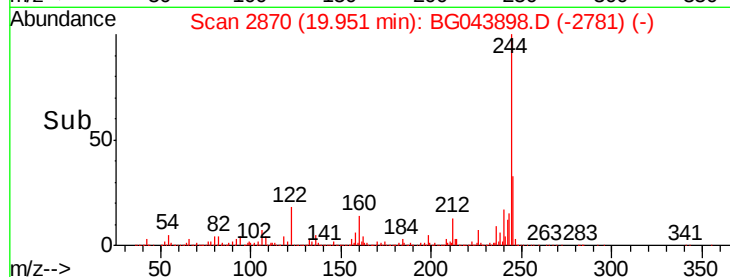
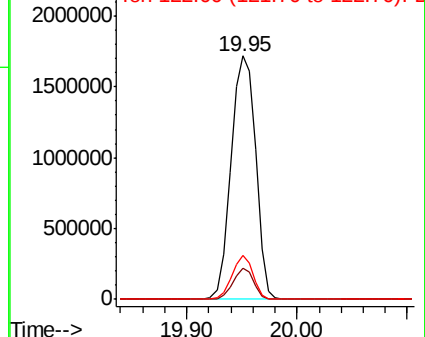
122 18.1 11.9 17.9#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.757 ng

RT: 21.50 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BG043898.D

Acq: 3 Jan 2020 21:52

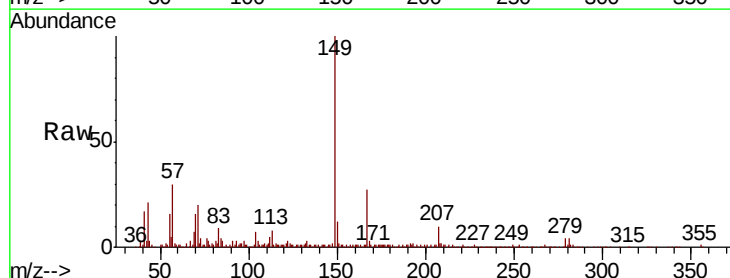
Tgt Ion:149 Resp: 140132

Ion Ratio Lower Upper

149 100

167 26.8 24.7 37.1

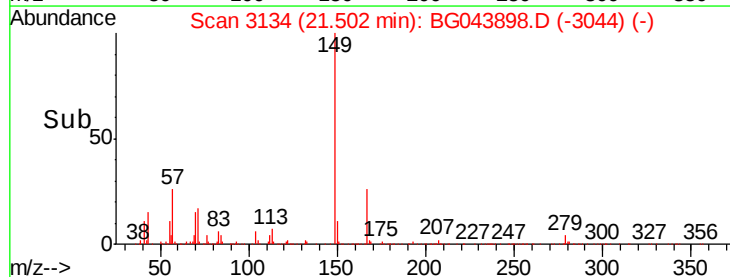
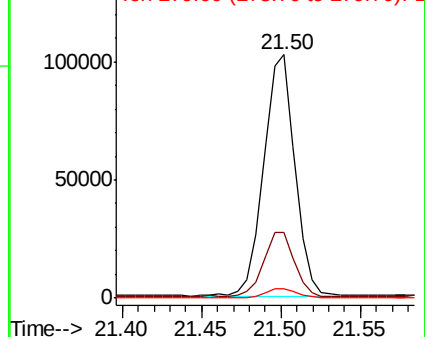
279 4.0 3.3 4.9

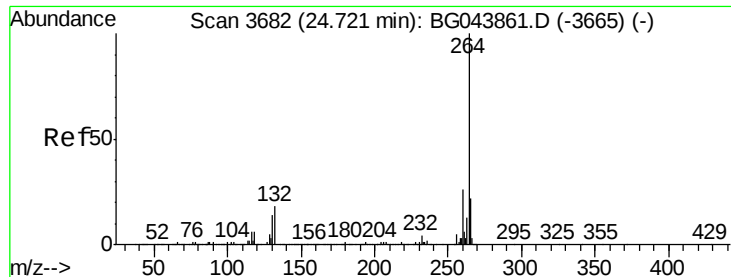


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

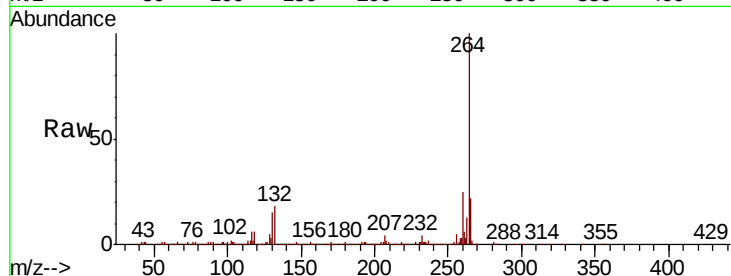




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG043898.D
Acq: 3 Jan 2020 21:52

Instrument :
BNA_G
ClientSampleId :
DUPLICATE

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.4	30.6
265	21.6	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

