

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011620\
 Data File : BG044064.D
 Acq On : 16 Jan 2020 11:50
 Operator : JU
 Sample : PB126101BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126101BL

Quant Time: Jan 17 06:53:20 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

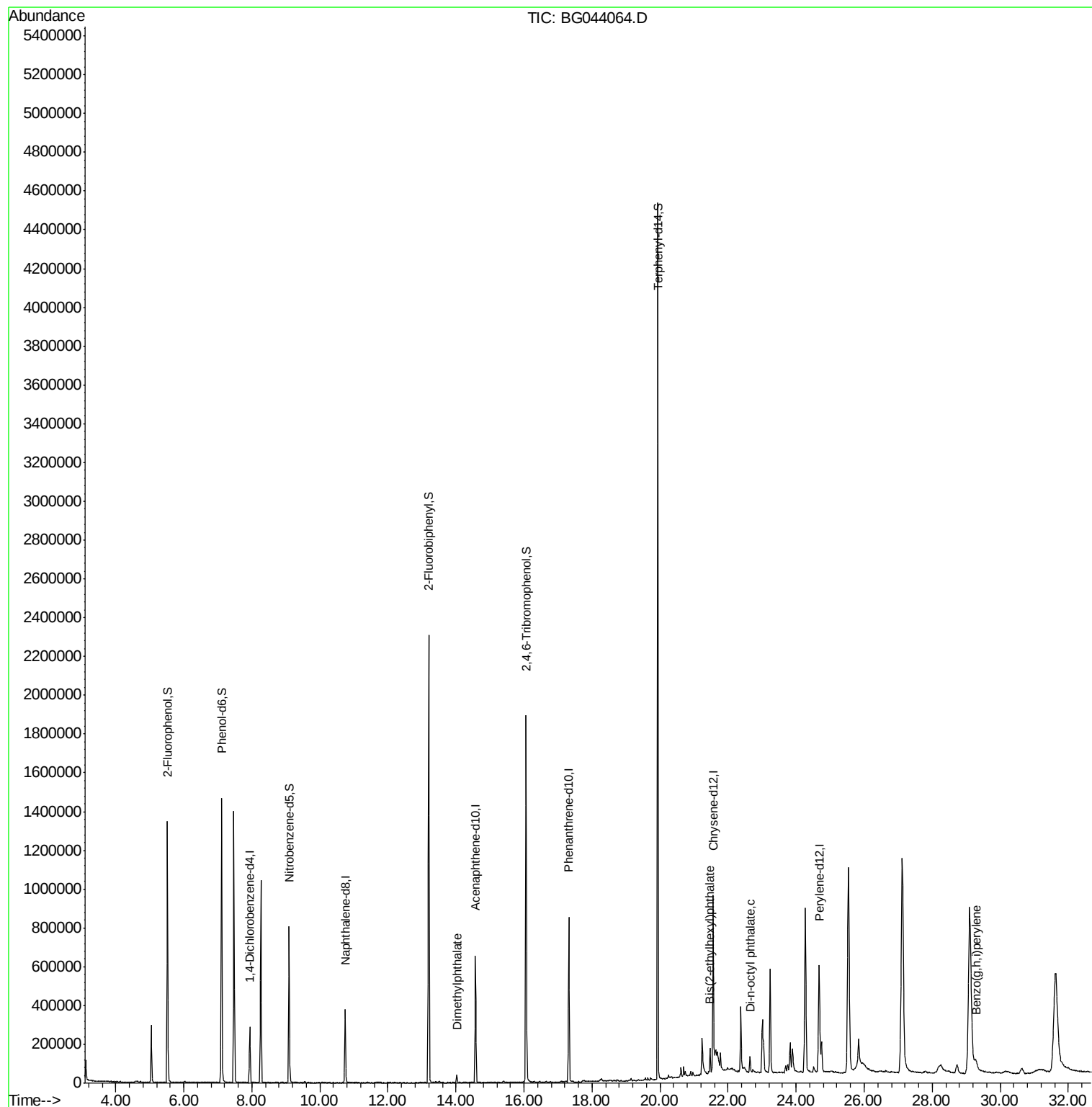
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	85318	20.00	ng	-0.03
21) Naphthalene-d8	10.74	136	354511	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	233699	20.00	ng	-0.03
64) Phenanthrene-d10	17.32	188	533125	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	494745	20.00	ng	-0.03
87) Perylene-d12	24.68	264	557878	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	644380	138.68	ng	-0.02
7) Phenol-d6	7.11	99	914246	140.76	ng	-0.01
23) Nitrobenzene-d5	9.10	82	519911	78.45	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	380170	155.45	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1225088	94.98	ng	-0.03
79) Terphenyl-d14	19.93	244	2075779	108.42	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.03	163	33953	2.046	ng	Qvalue # 96
84) Bis(2-ethylhexyl)phthalate	21.47	149	47060	2.218	ng	95
85) Di-n-octyl phthalate	22.64	149	77810	2.182	ng	# 99
92) Benzo(g,h,i)perylene	29.29	276	63192	2.035	ng	94

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.03 min

Lab File: BG044064.D

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Instrument :

BNA_G

ClientSampleId :

PB126101BL

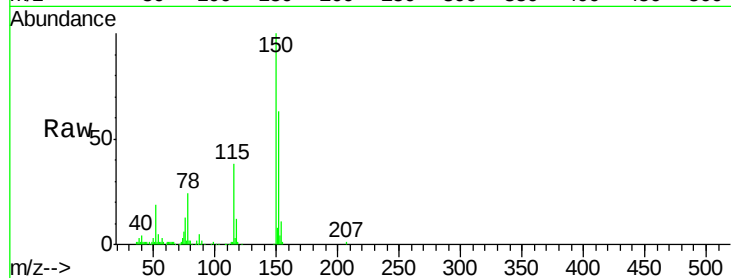
Tot Ion:152 Resp: 85318

Ion Ratio Lower Upper

152 100

150 159.9 127.0 190.4

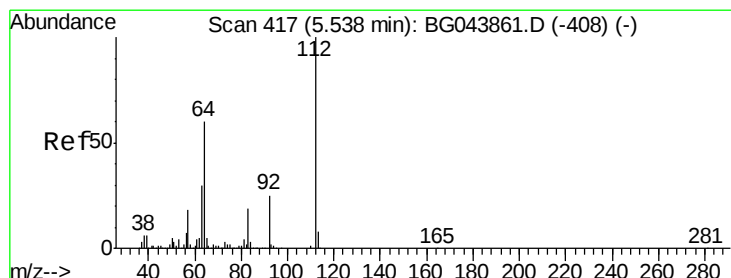
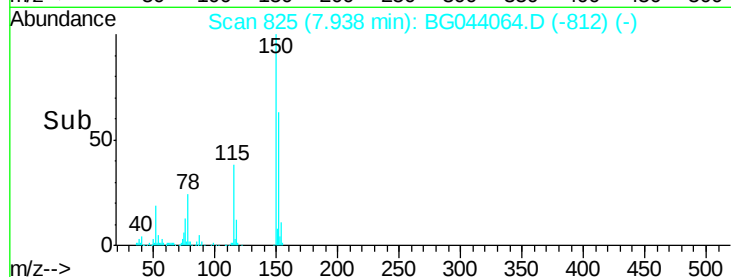
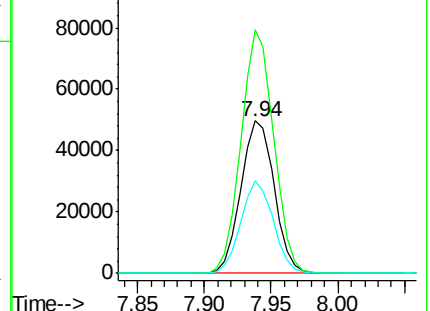
115 61.0 47.8 71.8



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: 138.676 ng

RT: 5.52 min Scan# 413

Delta R.T. -0.02 min

Lab File: BG044064.D

Acq: 16 Jan 2020 11:50

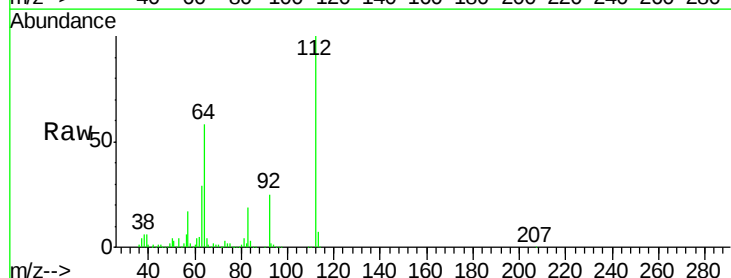
Tgt Ion:112 Resp: 644380

Ion Ratio Lower Upper

112 100

64 58.1 47.8 71.6

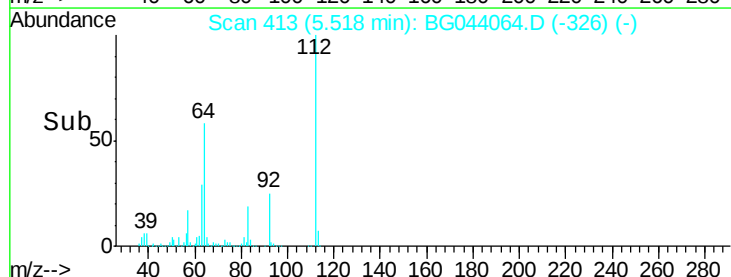
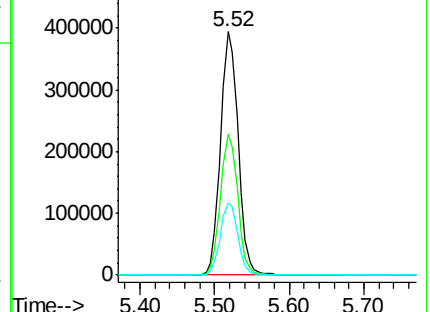
63 29.5 24.3 36.5

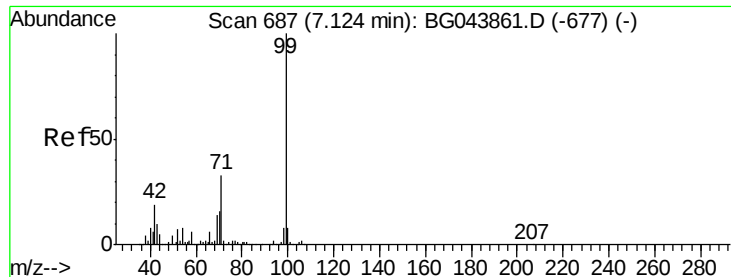


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 140.758 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG044064.D

Acq: 16 Jan 2020 11:50

Instrument :

BNA_G

ClientSampleId :

PB126101BL

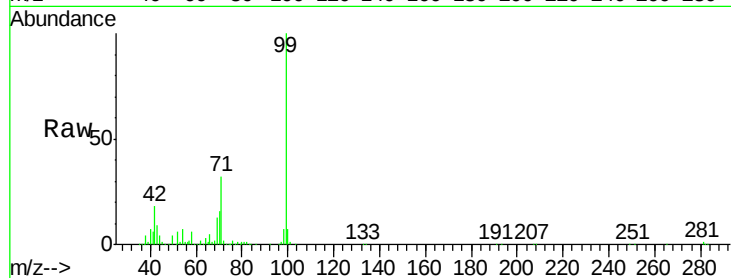
Tot Ion: 99 Resp: 914246

Ion Ratio Lower Upper

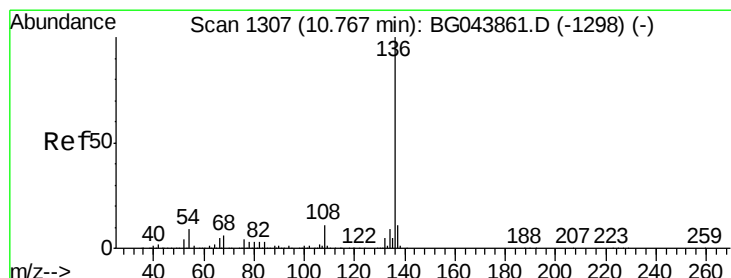
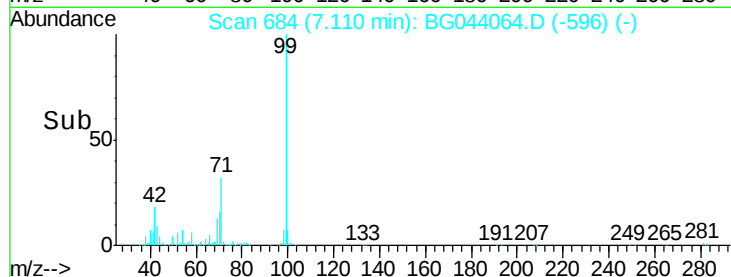
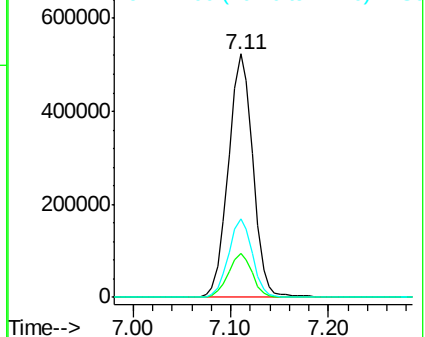
99 100

42 18.0 14.9 22.3

71 32.2 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.74 min Scan# 1302

Delta R.T. -0.03 min

Lab File: BG044064.D

Acq: 16 Jan 2020 11:50

Tgt Ion: 136 Resp: 354511

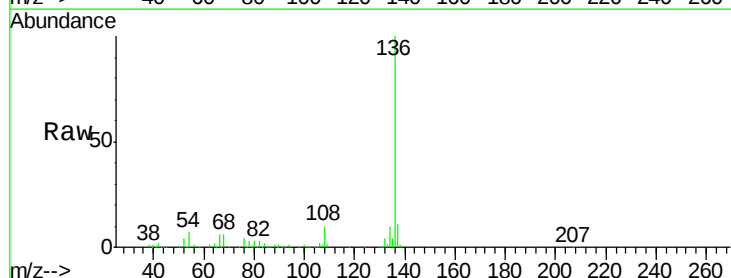
Ion Ratio Lower Upper

136 100

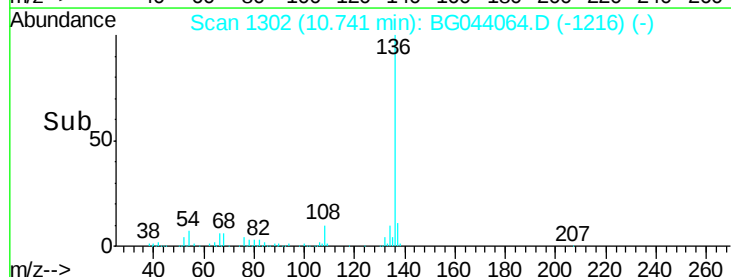
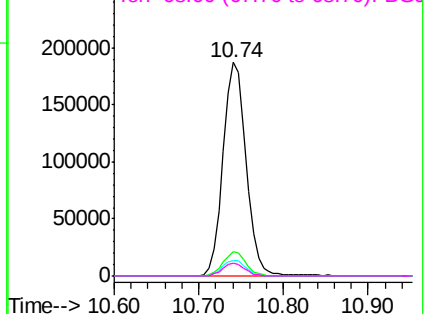
137 11.4 8.8 13.2

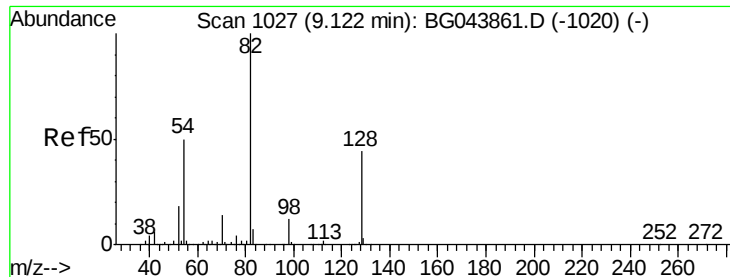
54 7.4 7.0 10.4

68 6.1 4.9 7.3



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

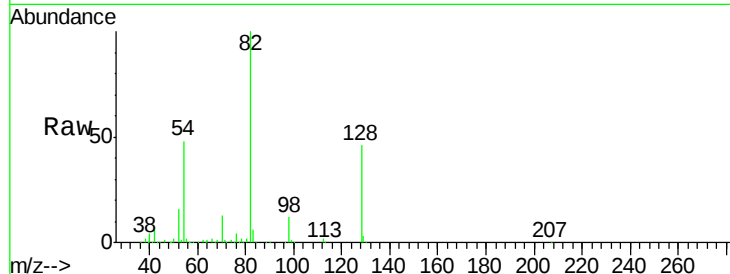




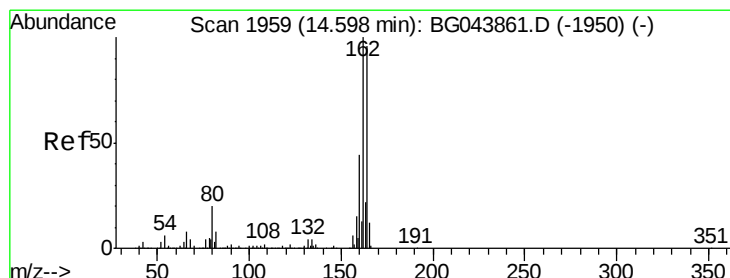
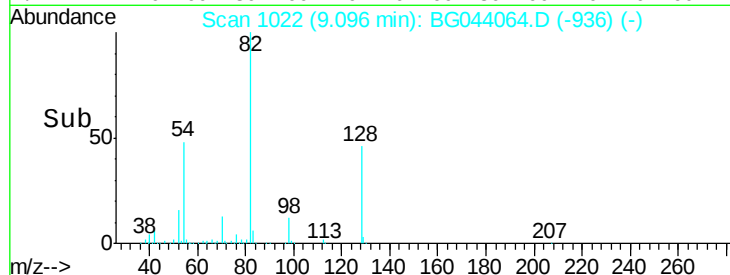
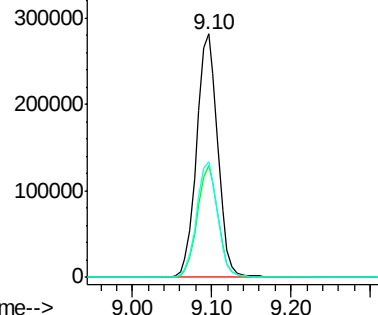
#23
Nitrobenzene-d5
Concen: 78.455 ng
RT: 9.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG044064.D
Acq: 16 Jan 2020 11:50

Instrument :
BNA_G
ClientSampleId :
PB126101BL

Tot Ion	82	Resp	519911
Ion Ratio	Lower	Upper	
82	100		
128	45.8	35.1	52.7
54	47.7	40.1	60.1

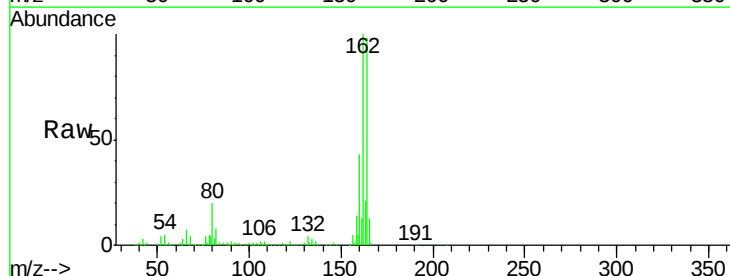


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

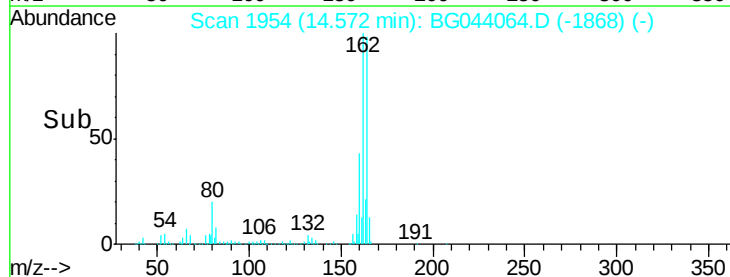
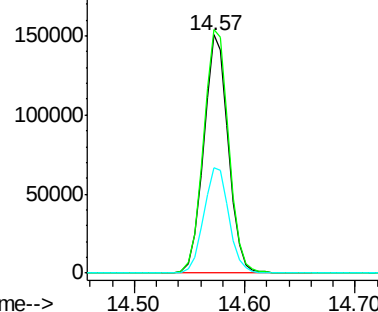


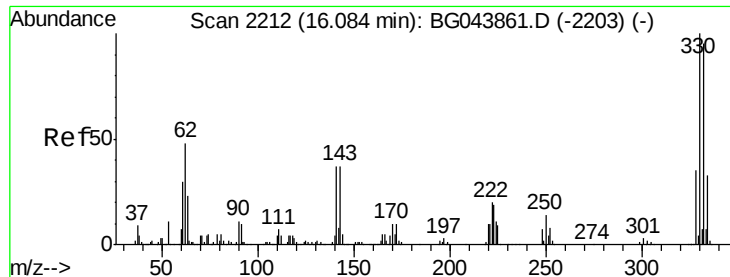
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044064.D
Acq: 16 Jan 2020 11:50

Tgt Ion	164	Resp	233699
Ion Ratio	Lower	Upper	
164	100		
162	102.3	83.0	124.4
160	44.3	36.1	54.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

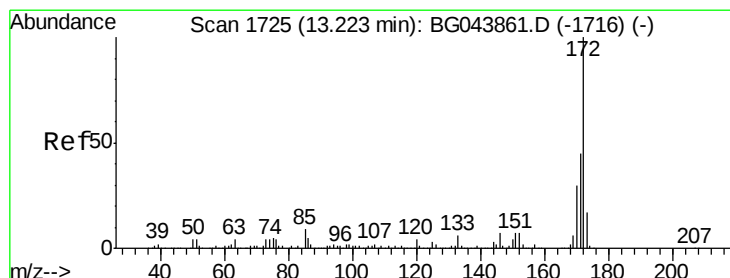
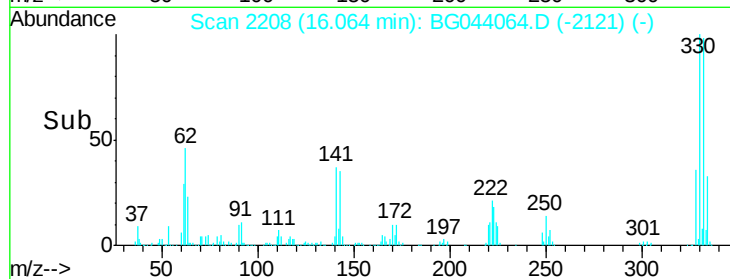
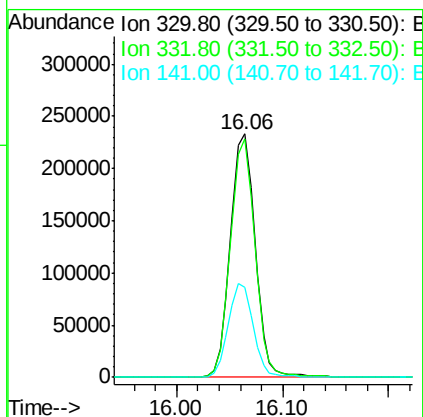
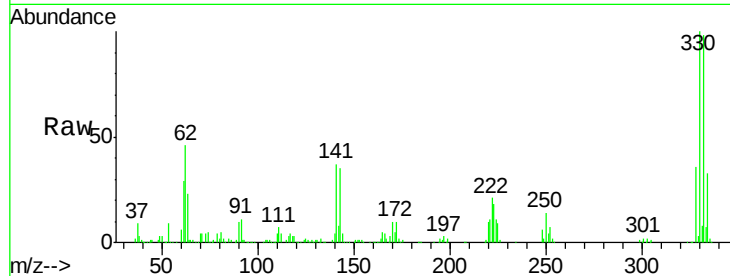




#42
 2,4,6-Tribromophenol
 Concen: 155.450 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.02 min
 Lab File: BG044064.D
 Acq: 16 Jan 2020 11:50

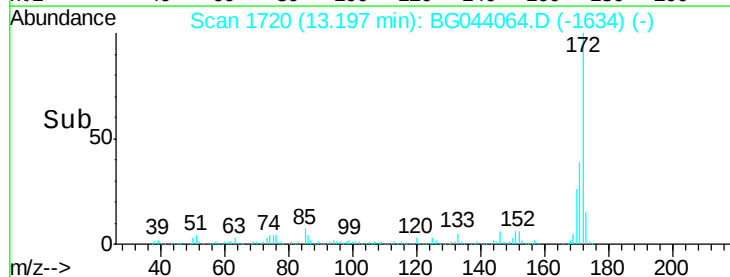
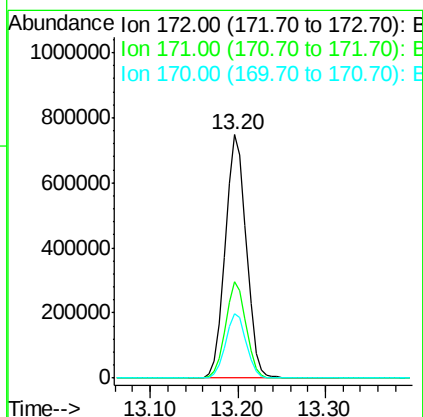
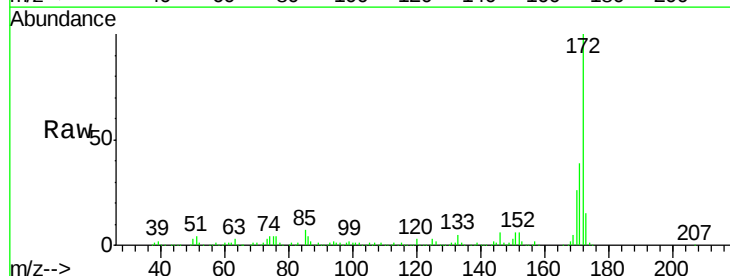
Instrument :
 BNA_G
 ClientSampleId :
 PB126101BL

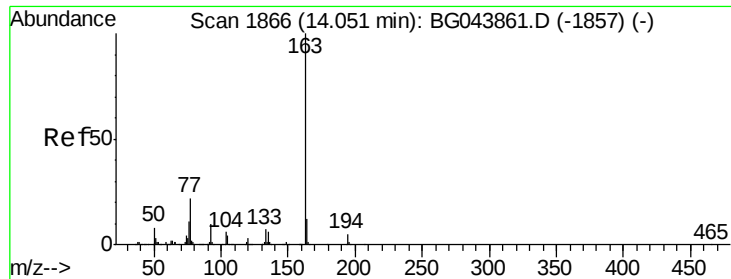
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.2	115.8
141	38.9	33.1	49.7



#45
 2-Fluorobiphenyl
 Concen: 94.976 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BG044064.D
 Acq: 16 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.4	35.8	53.8
170	26.4	24.2	36.4

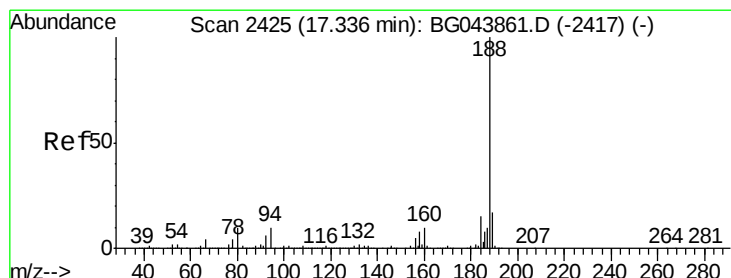
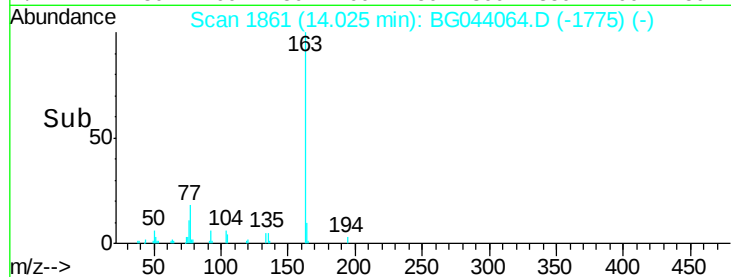
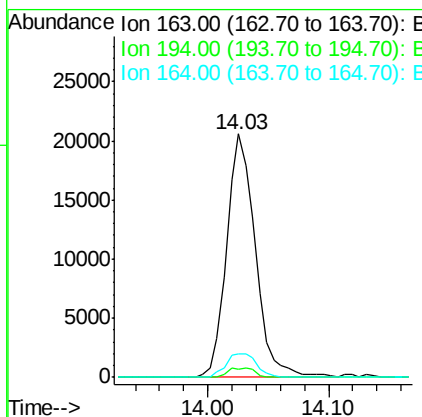
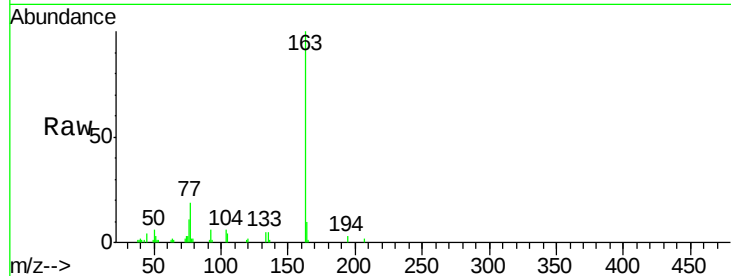




#50
Dimethylphthalate
Concen: 2.046 ng
RT: 14.03 min Scan# 1861
Delta R.T. -0.03 min
Lab File: BG044064.D
Acq: 16 Jan 2020 11:50

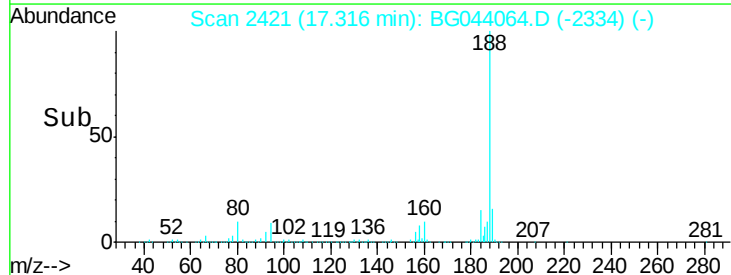
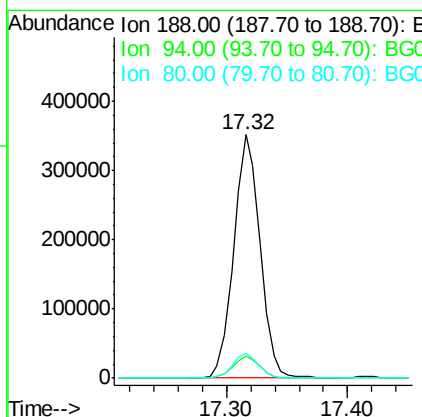
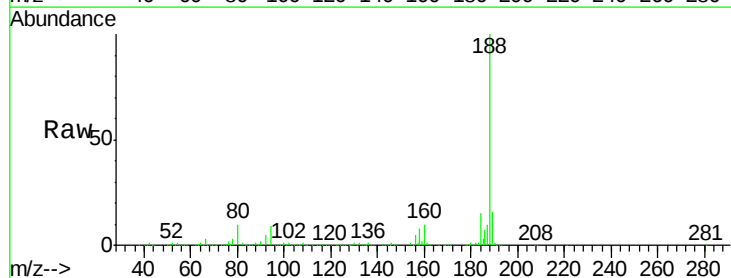
Instrument :
BNA_G
ClientSampleId :
PB126101BL

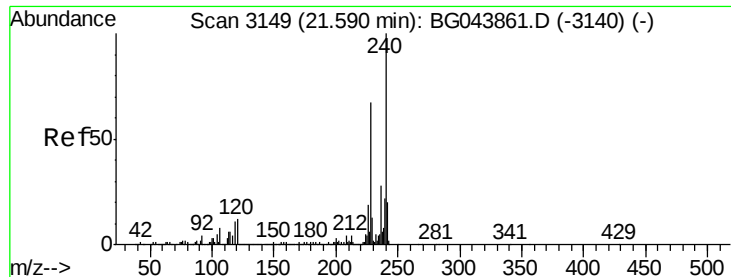
Tot Ion:163 Resp: 33953
Ion Ratio Lower Upper
163 100
194 3.5 3.7 5.5#
164 9.8 9.3 13.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044064.D
Acq: 16 Jan 2020 11:50

Tgt Ion:188 Resp: 533125
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 10.2 8.2 12.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.03 min

Lab File: BG044064.D

Acq: 16 Jan 2020 11:50

Instrument :

BNA_G

ClientSampleId :

PB126101BL

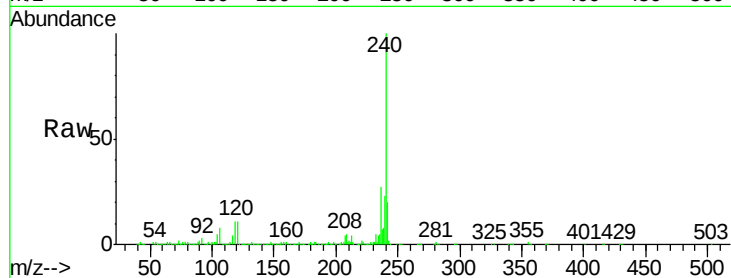
Tot Ion:240 Resp: 494745

Ion Ratio Lower Upper

240 100

120 11.4 9.6 14.4

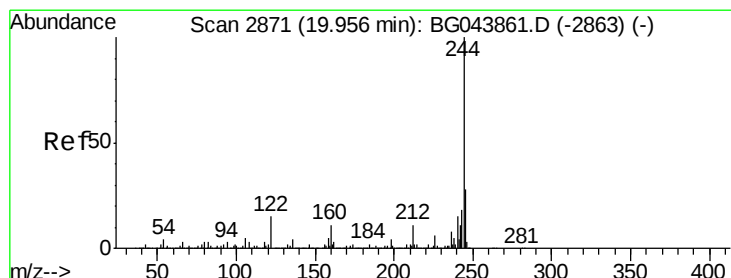
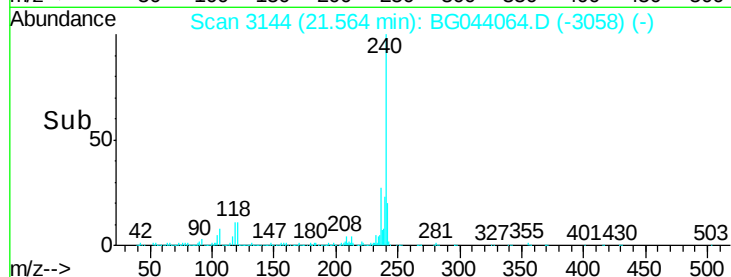
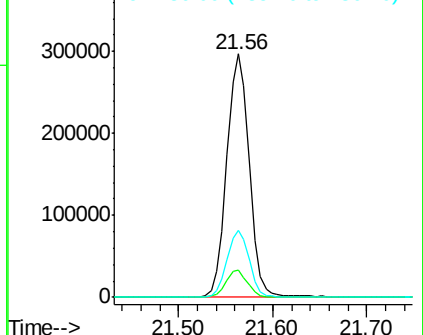
236 27.4 22.2 33.2



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: 108.421 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044064.D

Acq: 16 Jan 2020 11:50

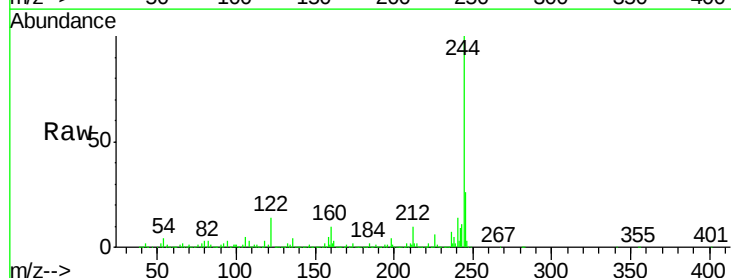
Tgt Ion:244 Resp: 2075779

Ion Ratio Lower Upper

244 100

212 9.9 8.6 13.0

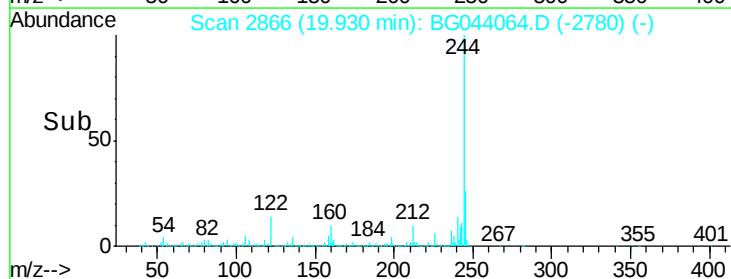
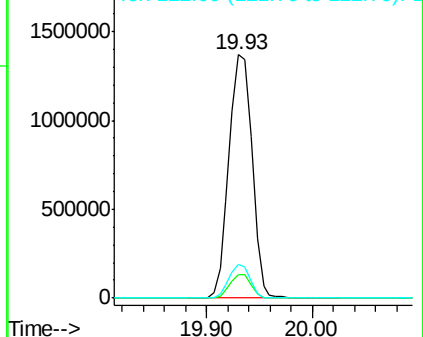
122 14.0 11.9 17.9

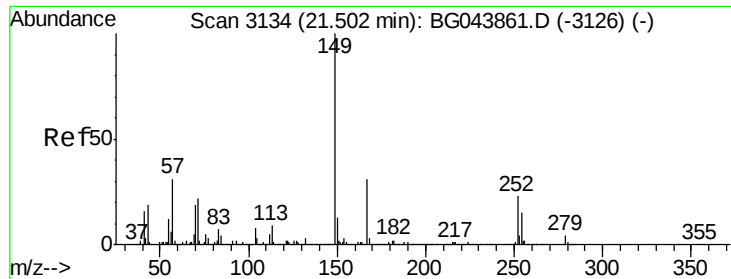


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.218 ng

RT: 21.47 min Scan# 3128

Delta R.T. -0.03 min

Lab File: BG044064.D

Acq: 16 Jan 2020 11:50

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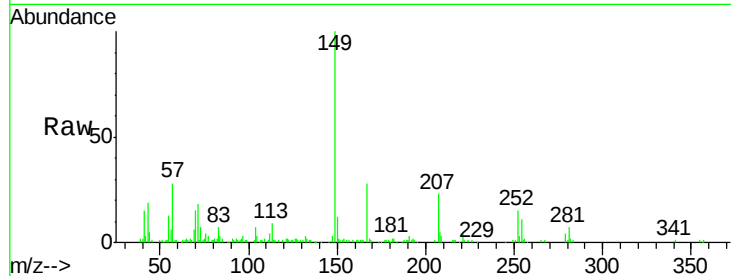
Tot Ion:149 Resp: 47060

Ion Ratio Lower Upper

149 100

167 27.9 24.7 37.1

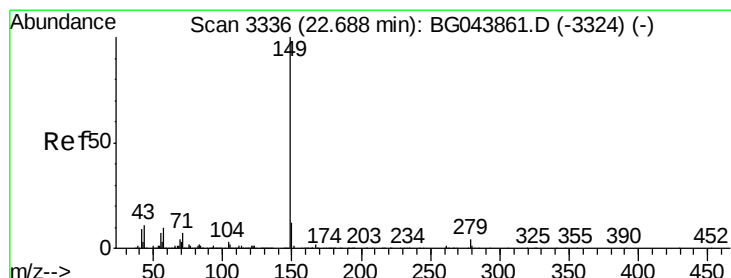
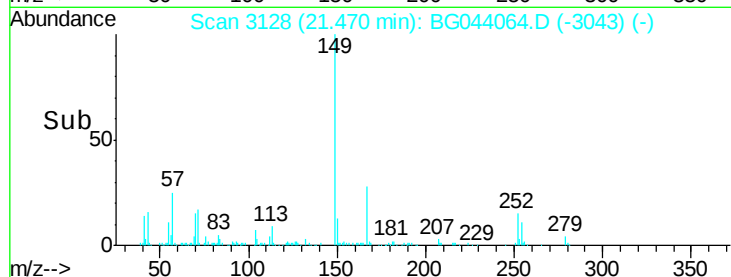
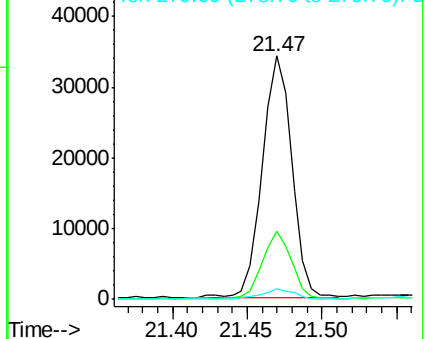
279 4.3 3.3 4.9



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



#85

Di-n-octyl phthalate

Concen: 2.182 ng

RT: 22.64 min Scan# 3328

Delta R.T. -0.04 min

Lab File: BG044064.D

Acq: 16 Jan 2020 11:50

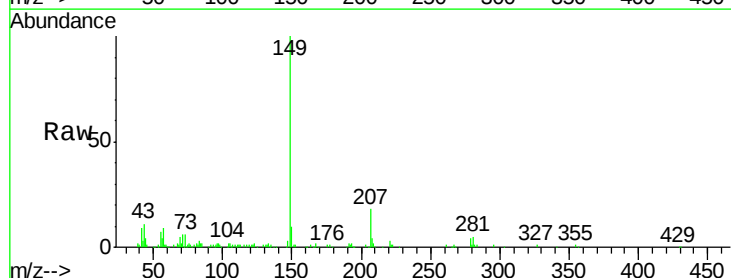
Tgt Ion:149 Resp: 77810

Ion Ratio Lower Upper

149 100

167 2.4 1.4 2.0#

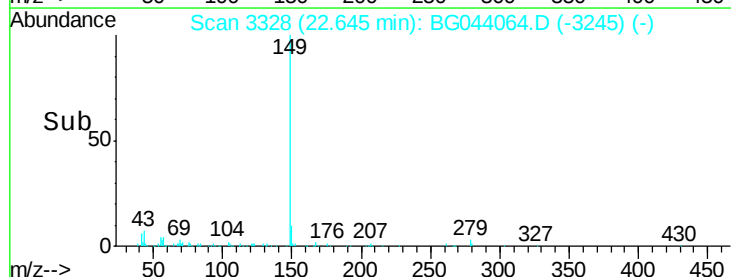
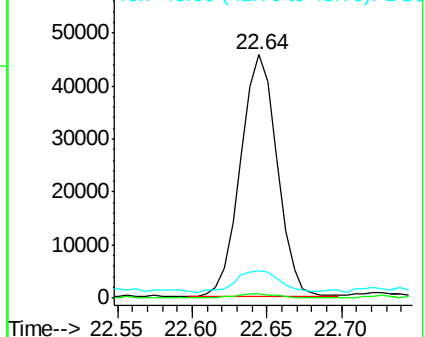
43 10.6 8.8 13.2

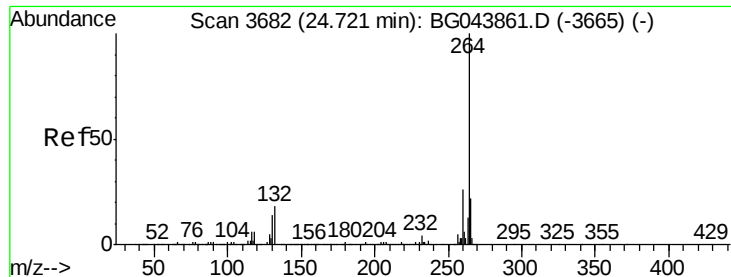


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG



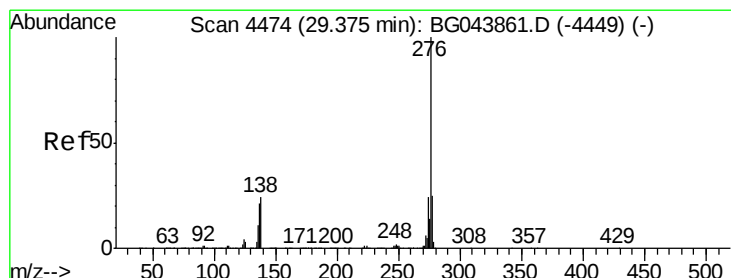
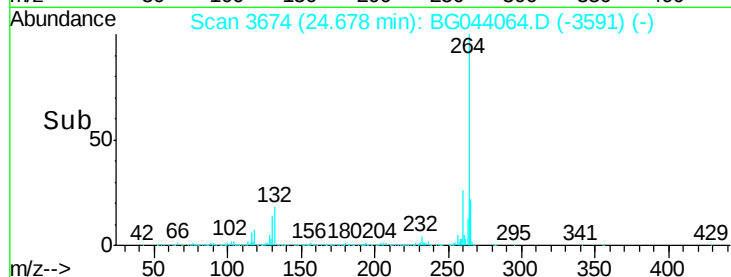
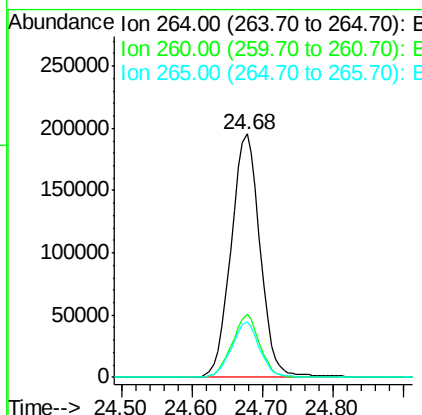
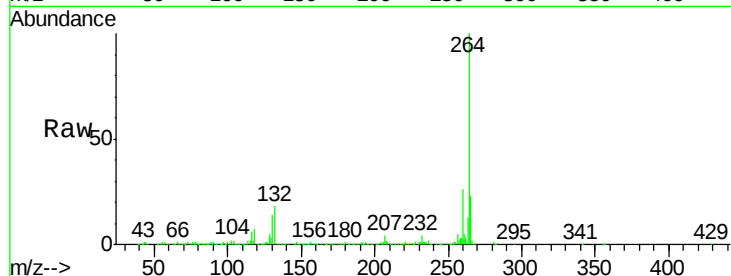


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.68 min Scan# 3674
Delta R.T. -0.04 min
Lab File: BG044064.D
Acq: 16 Jan 2020 11:50

Instrument :
BNA_G
ClientSampleId :
PB126101BL

Tot Ion:264 Resp: 557878

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.4	30.6
265	22.6	17.4	26.2



#92
Benzo(g,h,i)perylene
Concen: 2.035 ng
RT: 29.29 min Scan# 4459
Delta R.T. -0.08 min
Lab File: BG044064.D
Acq: 16 Jan 2020 11:50

Tgt Ion:276 Resp: 63192

Ion	Ratio	Lower	Upper
276	100		
277	22.0	20.2	30.4
138	21.3	19.0	28.6

