

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
 Data File : BG044289.D
 Acq On : 4 Feb 2020 20:34
 Operator : CG/JU
 Sample : PB126573BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126573BL

Quant Time: Feb 05 05:27:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

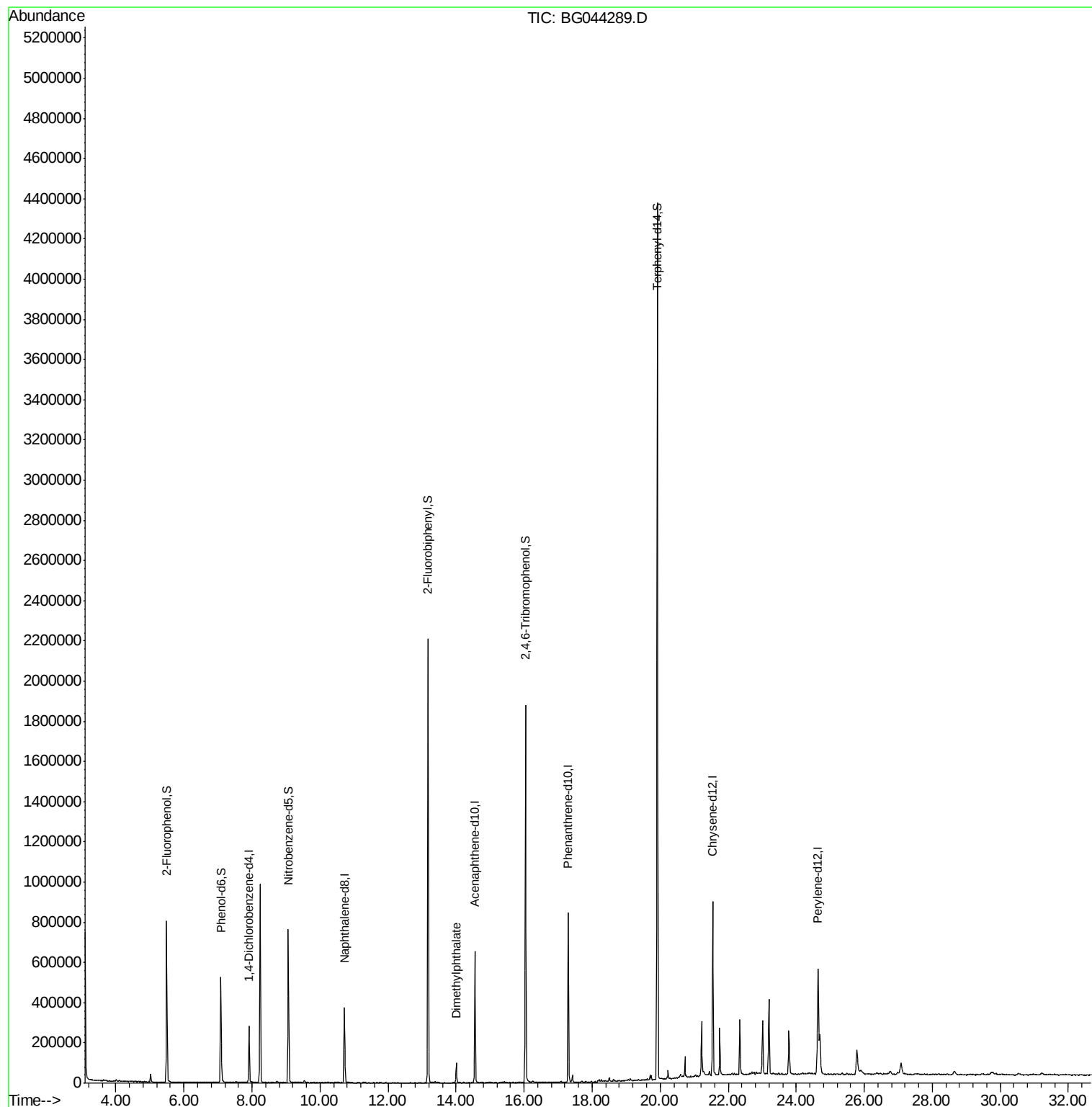
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	83321	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	345421	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	234134	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	541541	20.00	ng	0.00
76) Chrysene-d12	21.54	240	502823	20.00	ng	0.00
87) Perylene-d12	24.64	264	557139	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	411366	87.13	ng	0.00
7) Phenol-d6	7.08	99	343121	54.12	ng	0.00
23) Nitrobenzene-d5	9.07	82	503549	82.30	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	368274	133.99	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1161088	83.04	ng	0.00
79) Terphenyl-d14	19.92	244	2008406	82.16	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.00	163	73230	4.351	ng	Qvalue 97

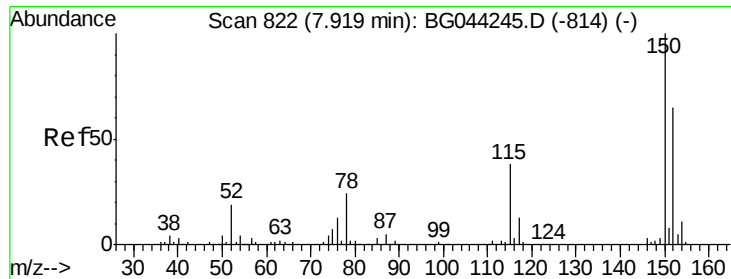
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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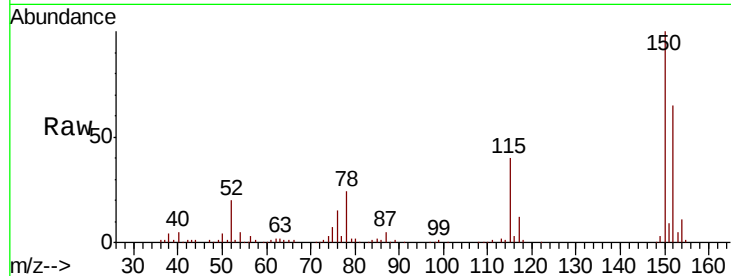


#1

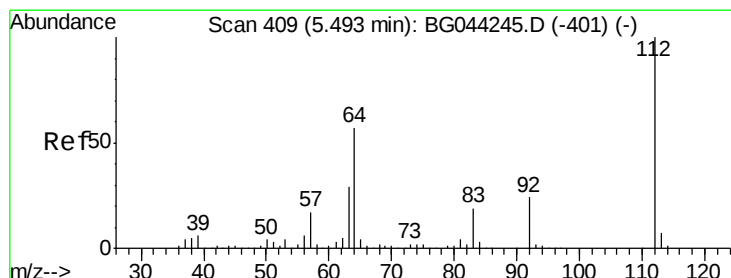
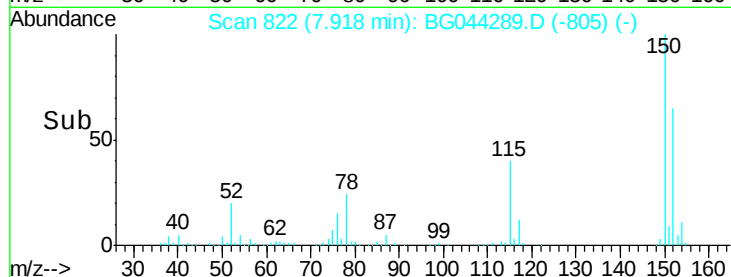
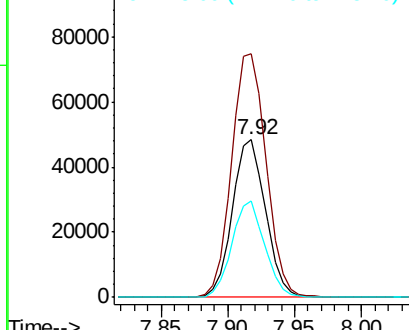
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG044289.D
Acq: 4 Feb 2020 20:34

Instrument :
BNA_G
ClientSampleId :
PB126573BL

Tot Ion:152 Resp: 83321
Ion Ratio Lower Upper
152 100
150 154.7 122.6 183.8
115 61.3 46.0 69.0



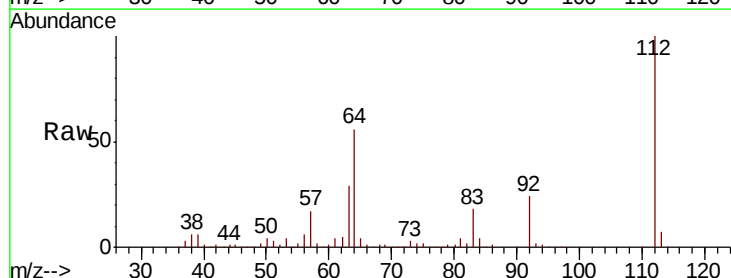
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



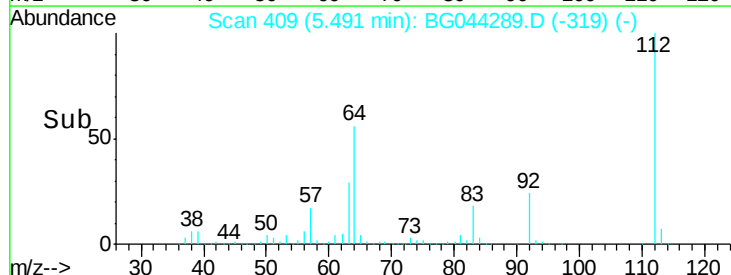
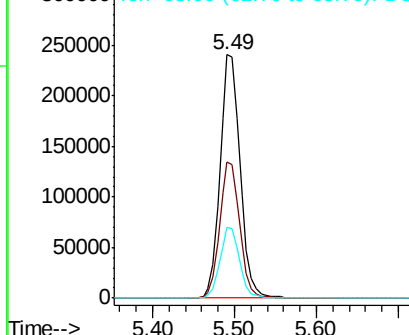
#5

2-Fluorophenol
Concen: 87.132 ng
RT: 5.49 min Scan# 409
Delta R.T. -0.00 min
Lab File: BG044289.D
Acq: 4 Feb 2020 20:34

Tgt Ion:112 Resp: 411366
Ion Ratio Lower Upper
112 100
64 55.8 45.4 68.2
63 29.2 22.9 34.3



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: 54.122 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044289.D

Acq: 4 Feb 2020 20:34

Instrument :

BNA_G

ClientSampleId :

PB126573BL

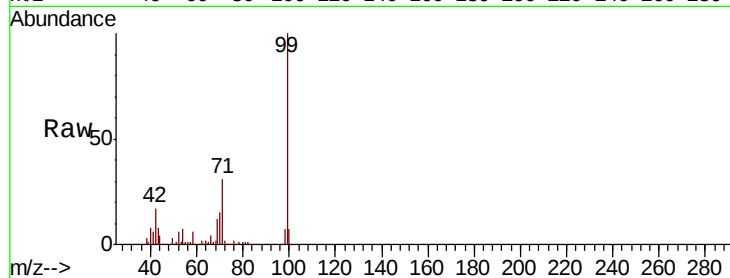
Tot Ion: 99 Resp: 343121

Ion Ratio Lower Upper

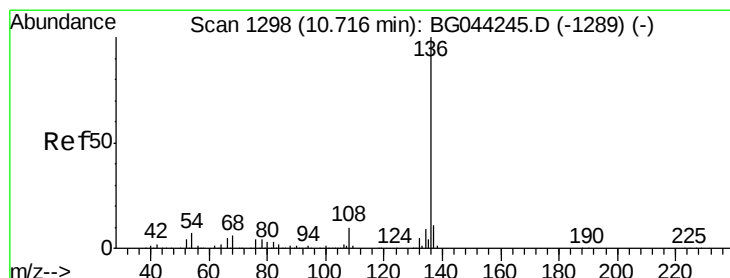
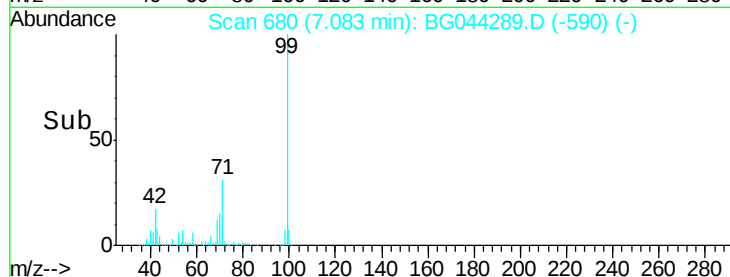
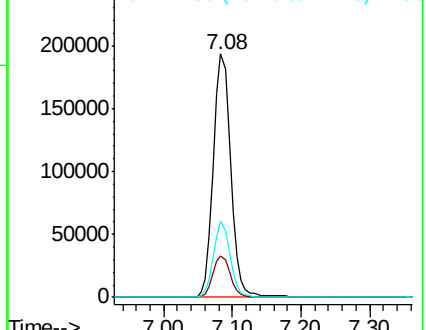
99 100

42 16.8 13.8 20.6

71 31.3 25.5 38.3



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: 10.71 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG044289.D

Acq: 4 Feb 2020 20:34

Tgt Ion: 136 Resp: 345421

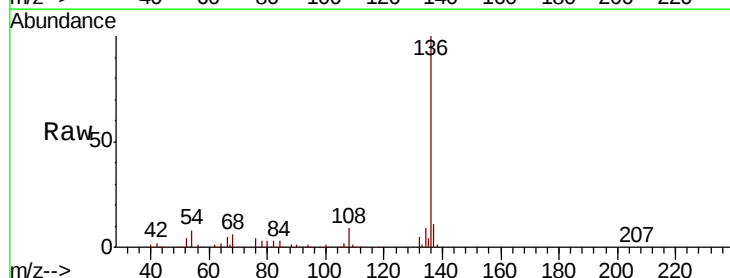
Ion Ratio Lower Upper

136 100

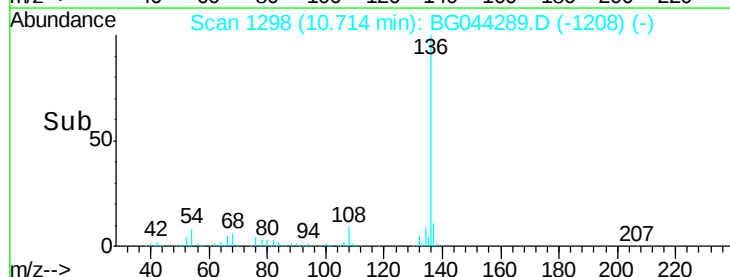
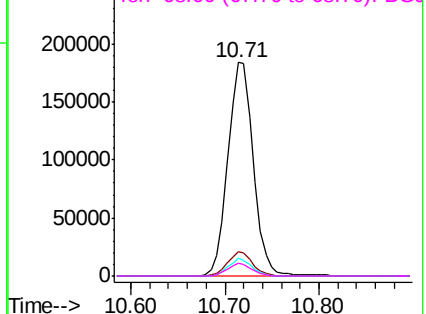
137 11.5 8.8 13.2

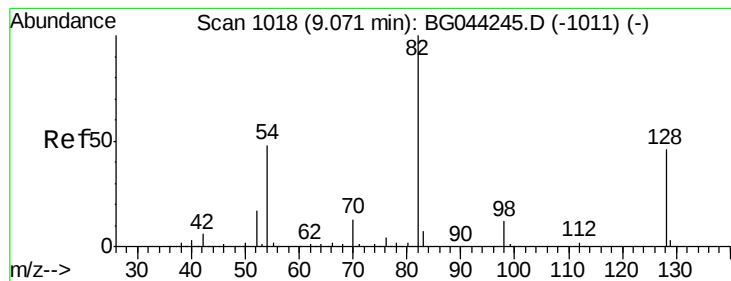
54 8.4 5.8 8.8

68 5.8 4.6 6.8



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: 82.301 ng

RT: 9.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BG044289.D

Acq: 4 Feb 2020 20:34

Instrument :

BNA_G

ClientSampleId :

PB126573BL

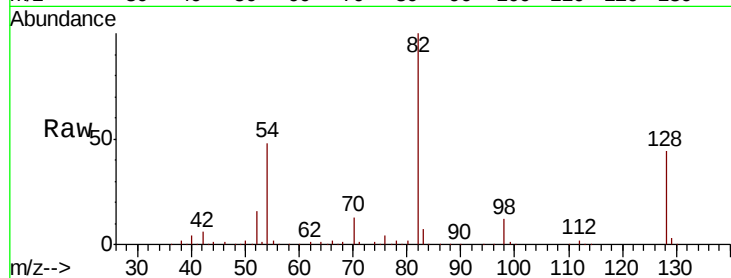
Tot Ion: 82 Resp: 503549

Ion Ratio Lower Upper

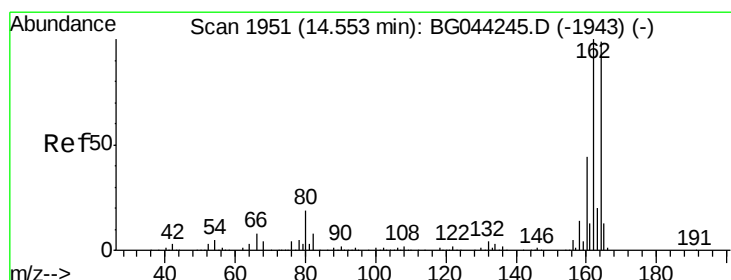
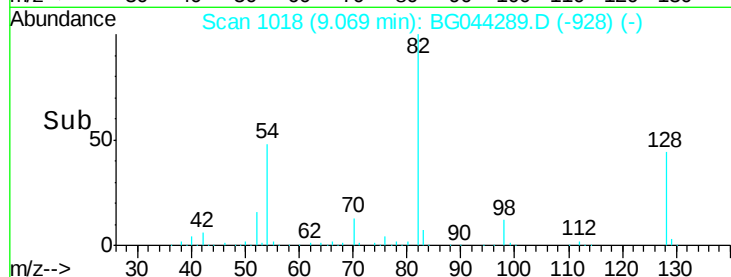
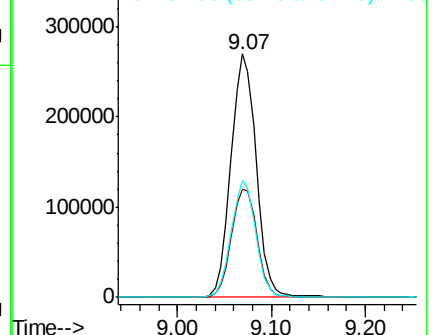
82 100

128 44.4 36.5 54.7

54 48.2 38.6 58.0



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: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG044289.D

Acq: 4 Feb 2020 20:34

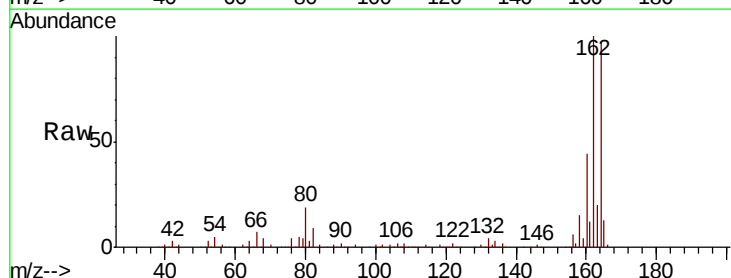
Tgt Ion: 164 Resp: 234134

Ion Ratio Lower Upper

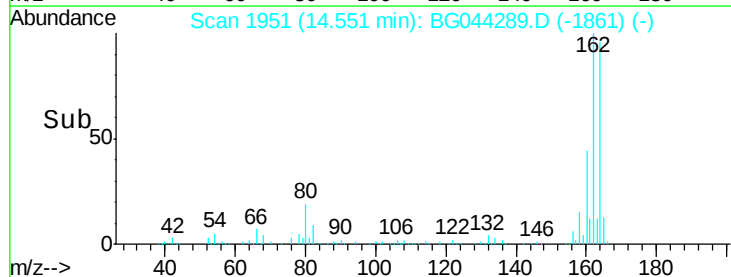
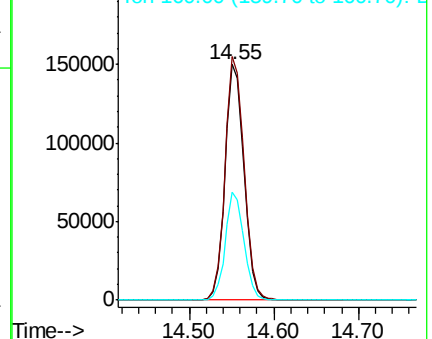
164 100

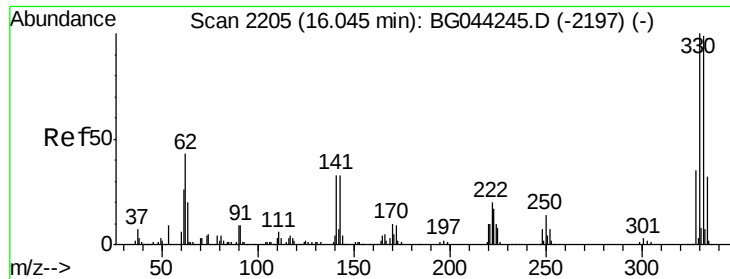
162 103.4 80.7 121.1

160 45.9 35.3 52.9



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: 133.986 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG044289.D

Acq: 4 Feb 2020 20:34

Instrument :

BNA_G

ClientSampleId :

PB126573BL

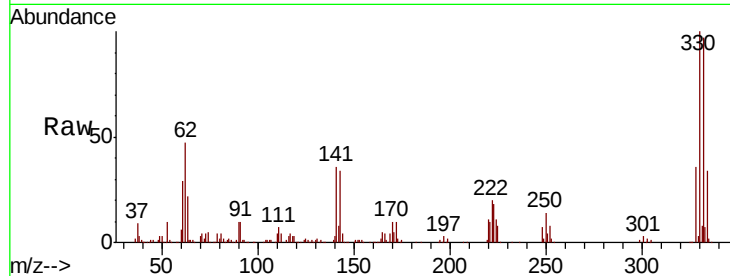
Tot Ion:330 Resp: 368274

Ion Ratio Lower Upper

330 100

332 96.2 77.2 115.8

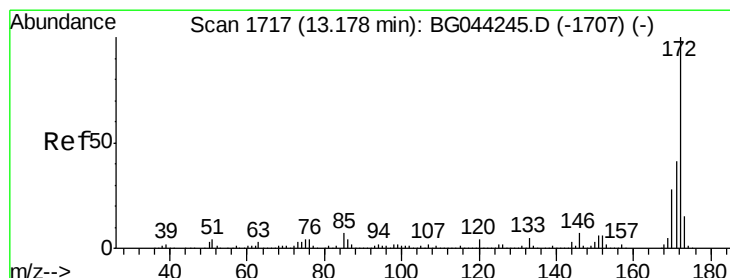
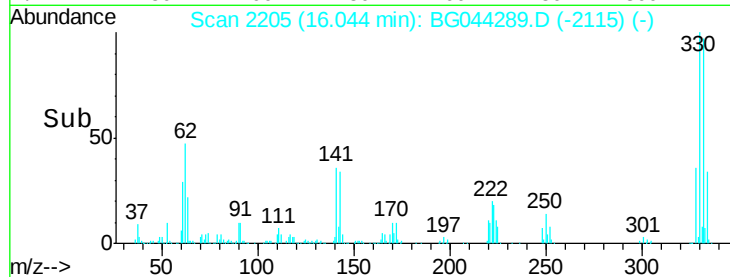
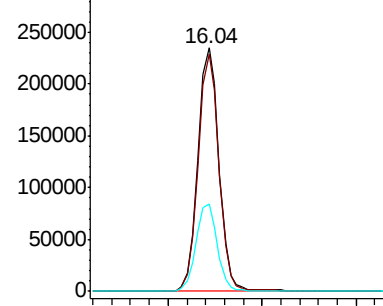
141 36.4 28.3 42.5



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: 83.042 ng

RT: 13.18 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BG044289.D

Acq: 4 Feb 2020 20:34

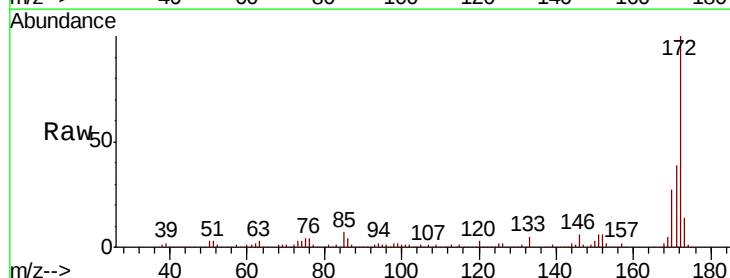
Tgt Ion:172 Resp: 1161088

Ion Ratio Lower Upper

172 100

171 39.1 32.9 49.3

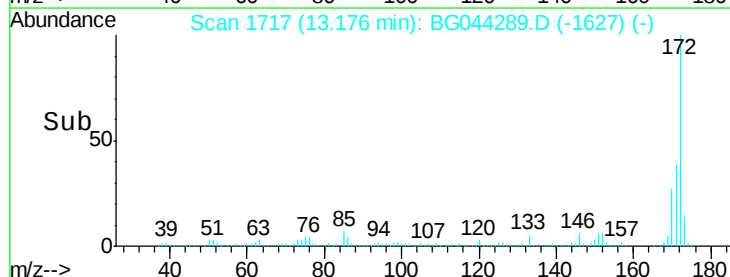
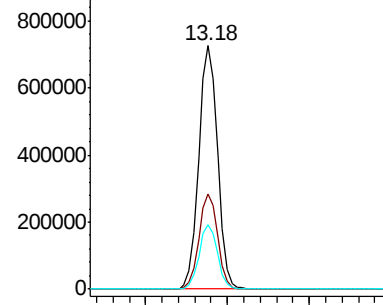
170 26.6 22.0 33.0

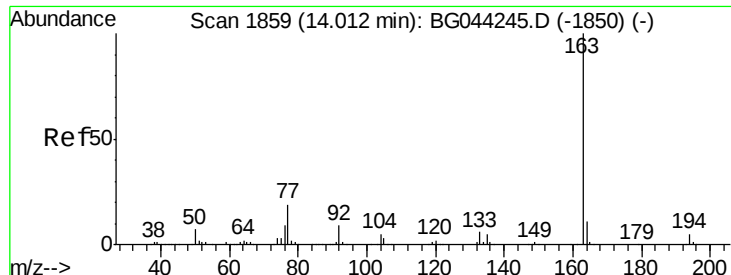


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.351 ng

RT: 14.00 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG044289.D

Acq: 4 Feb 2020 20:34

Instrument :

BNA_G

ClientSampleId :

PB126573BL

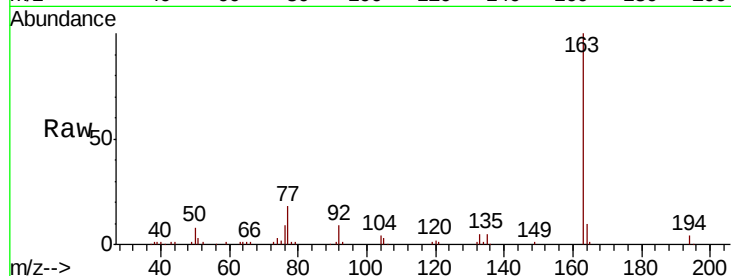
Tot Ion:163 Resp: 73230

Ion Ratio Lower Upper

163 100

194 3.7 3.6 5.4

164 9.7 8.7 13.1

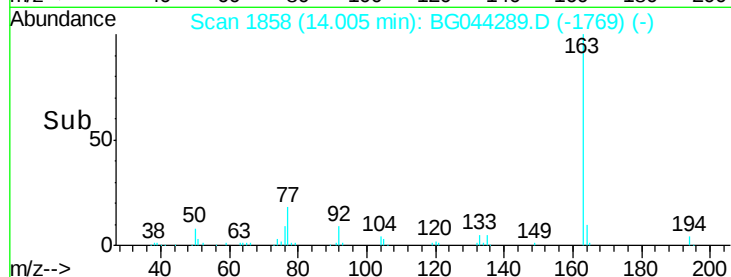


Abundance Ion 163.00 (162.70 to 163.70): E

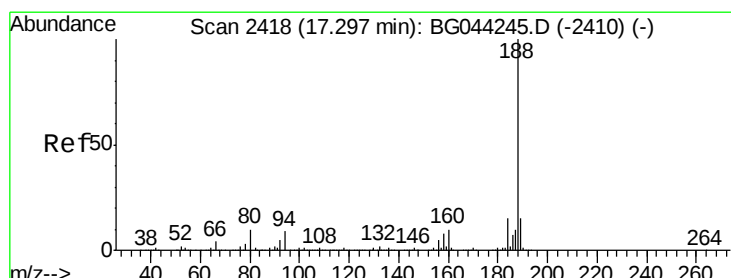
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.29 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BG044289.D

Acq: 4 Feb 2020 20:34

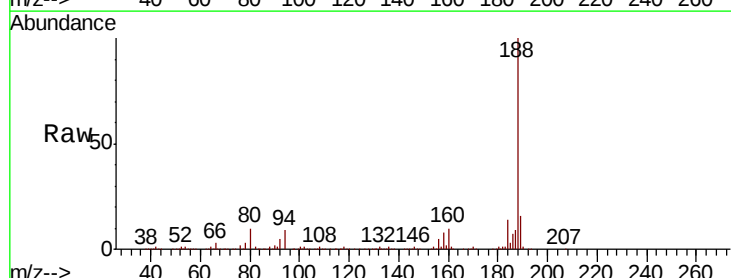
Tgt Ion:188 Resp: 541541

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 9.8 7.7 11.5

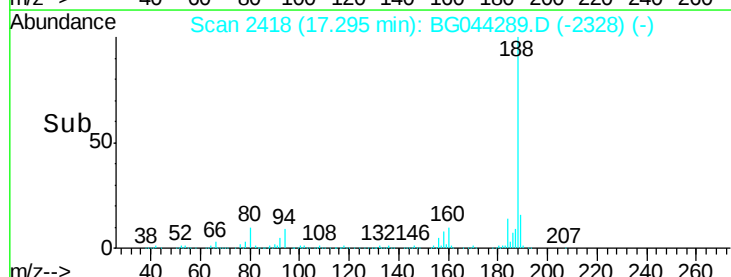


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

Time-->



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG044289.D

Acq: 4 Feb 2020 20:34

Instrument :

BNA_G

ClientSampleId :

PB126573BL

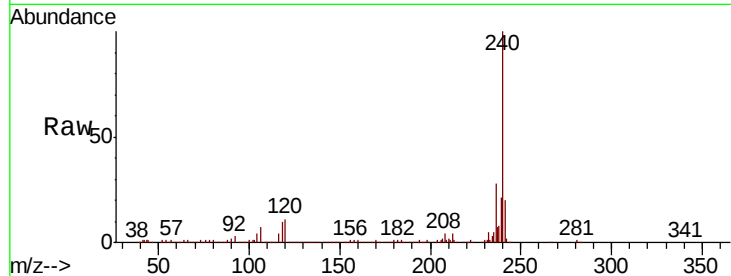
Tot Ion:240 Resp: 502823

Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

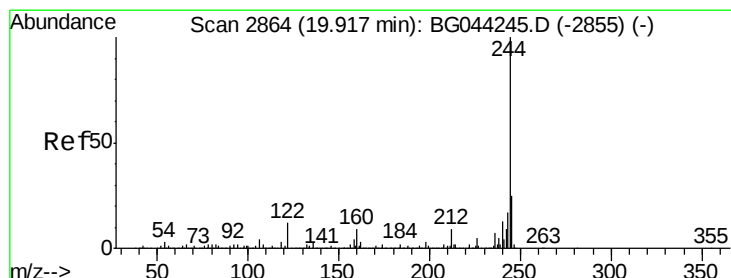
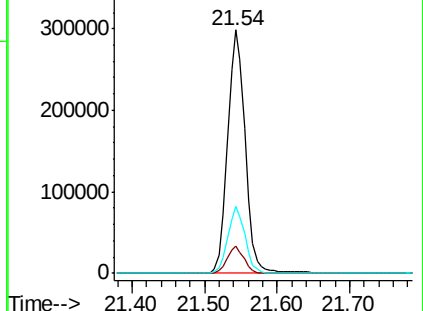
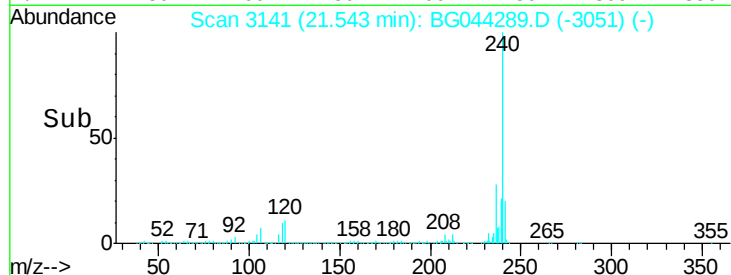
236 27.7 22.1 33.1



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: 82.157 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044289.D

Acq: 4 Feb 2020 20:34

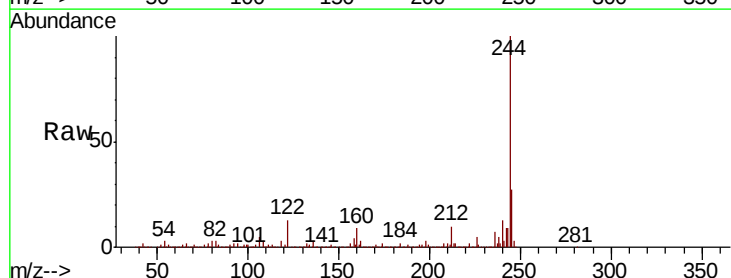
Tgt Ion:244 Resp: 2008406

Ion Ratio Lower Upper

244 100

212 9.5 7.4 11.2

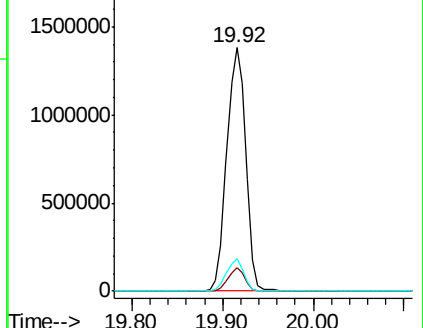
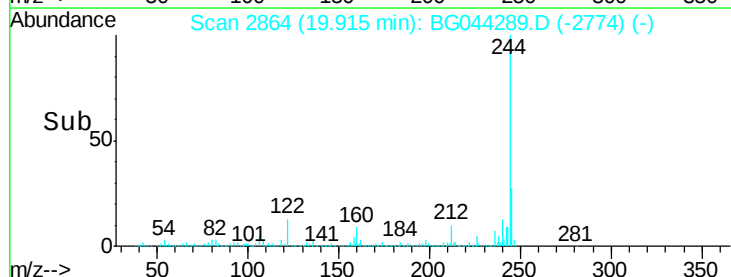
122 13.2 9.8 14.6

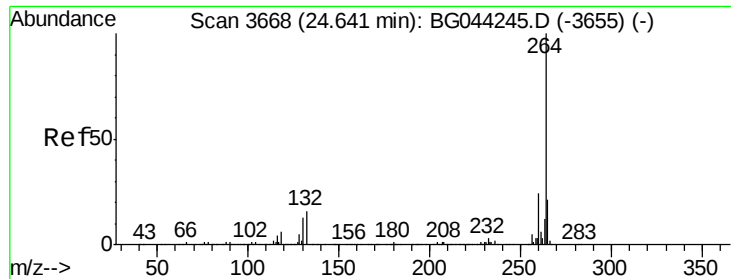


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3668
Delta R.T. -0.00 min
Lab File: BG044289.D
Acq: 4 Feb 2020 20:34

Instrument :
BNA_G
ClientSampleId :
PB126573BL

Tot Ion: 264 Resp: 557139

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	22.9	16.7	25.1

