

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
 Data File : BG044873.D
 Acq On : 18 Mar 2020 21:10
 Operator : CG/JU
 Sample : PB127635BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127635BL

Quant Time: Mar 19 02:32:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	81799	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	295403	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	193886	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	463588	20.00	ng	0.00
76) Chrysene-d12	21.69	240	485259	20.00	ng	-0.01
87) Perylene-d12	24.89	264	510390	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	623378	118.63	ng	0.00
7) Phenol-d6	7.20	99	852564	111.67	ng	0.00
23) Nitrobenzene-d5	9.20	82	557954	82.88	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	348323	137.21	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1173180	86.65	ng	0.00
79) Terphenyl-d14	20.03	244	2026781	78.13	ng	0.00

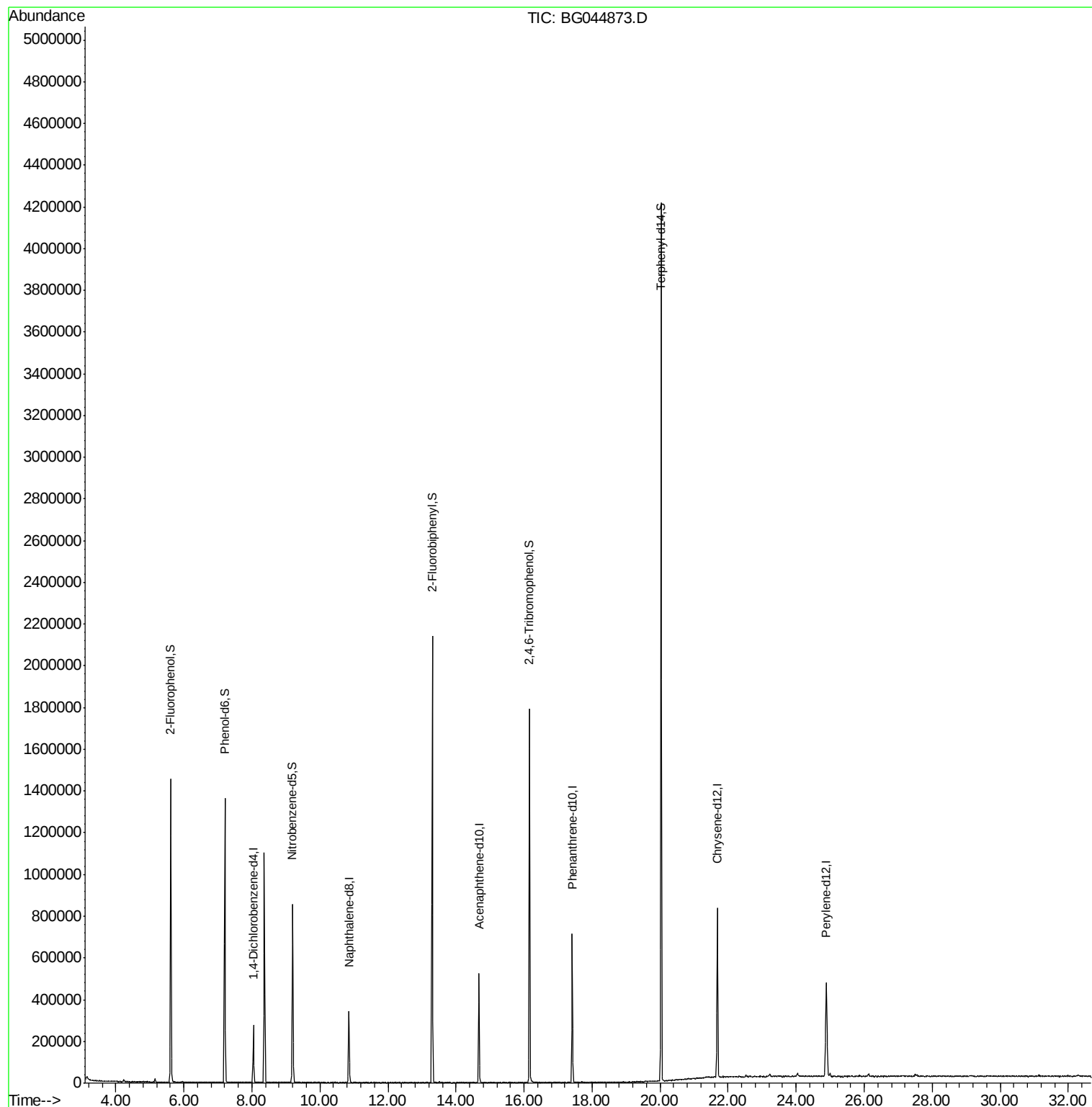
Target Compounds Qvalue

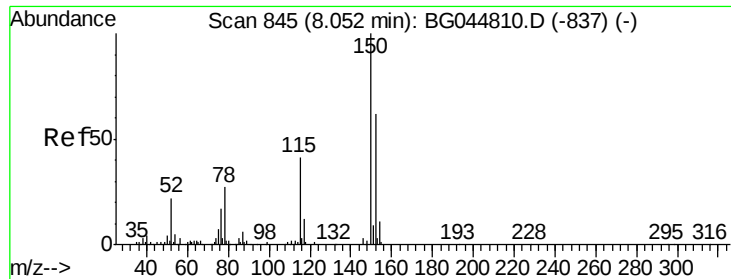
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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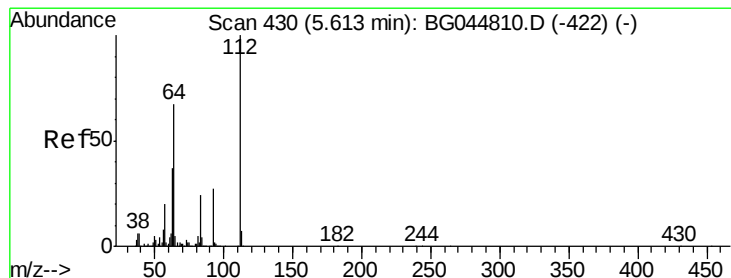
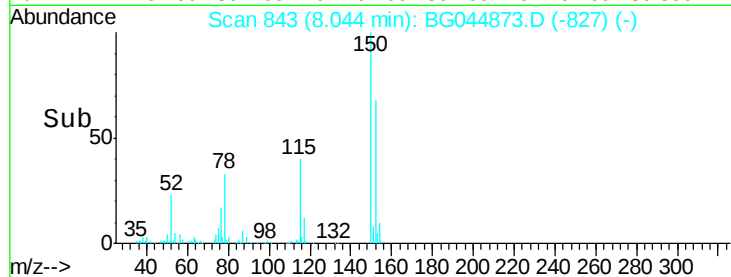
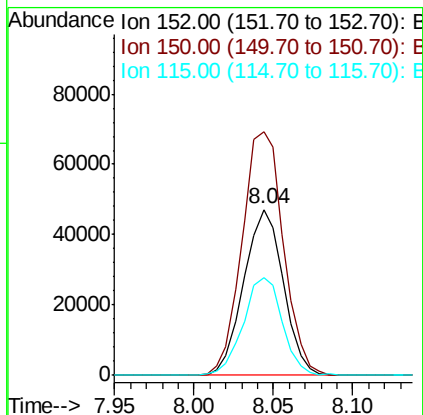
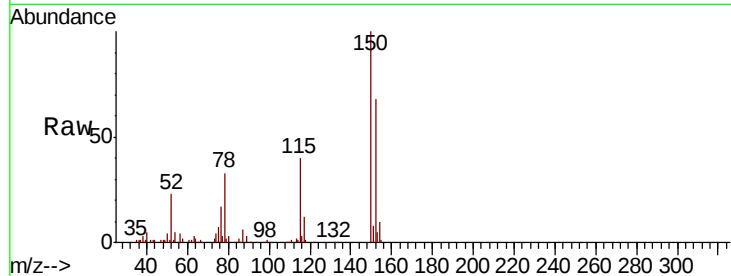


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044873.D
Acq: 18 Mar 2020 21:10

Instrument :
BNA_G
ClientSampleId :
PB127635BL

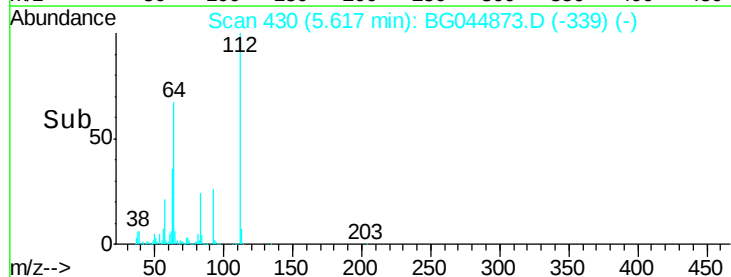
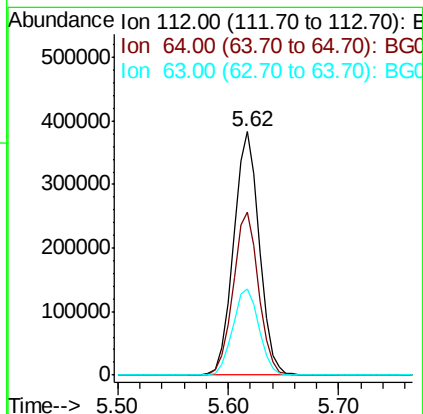
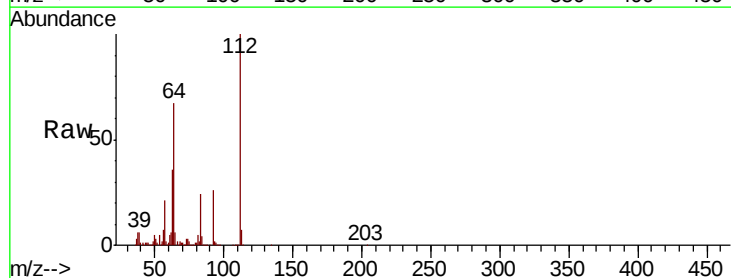
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.6	128.8	193.2
115	59.1	52.6	79.0

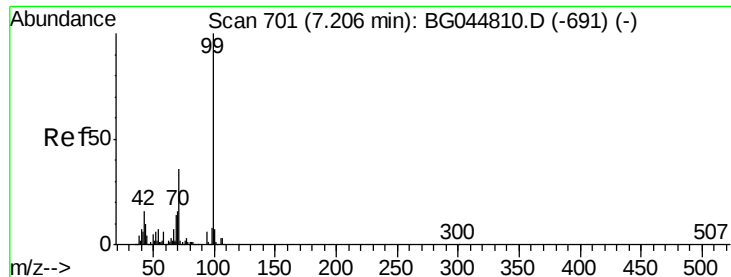


#5

2-Fluorophenol
Concen: 118.633 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044873.D
Acq: 18 Mar 2020 21:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.9	53.4	80.2
63	35.5	29.4	44.2





#7

Phenol-d6

Concen: 111.670 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044873.D

Acq: 18 Mar 2020 21:10

Instrument :

BNA_G

ClientSampleId :

PB127635BL

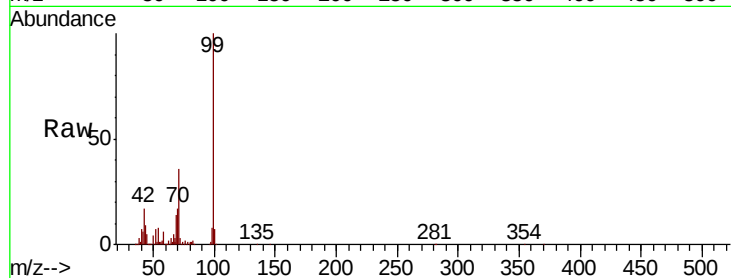
Tot Ion: 99 Resp: 852564

Ion Ratio Lower Upper

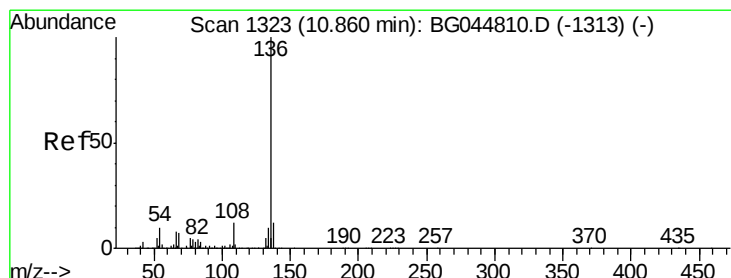
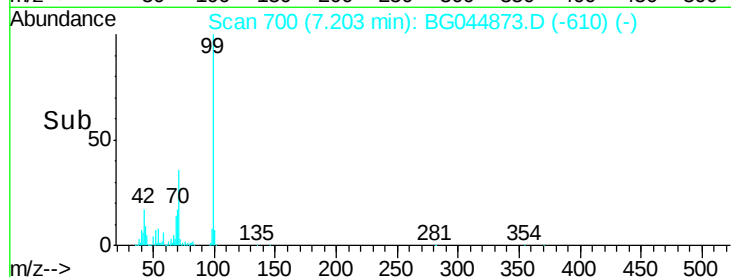
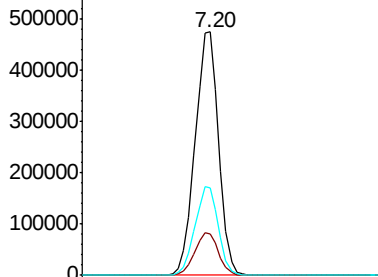
99 100

42 16.8 12.6 19.0

71 36.0 29.0 43.4



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: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG044873.D

Acq: 18 Mar 2020 21:10

Tgt Ion: 136 Resp: 295403

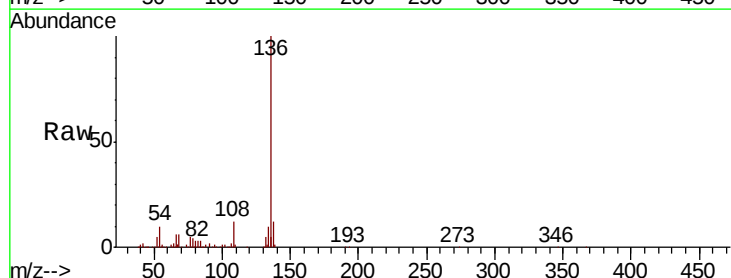
Ion Ratio Lower Upper

136 100

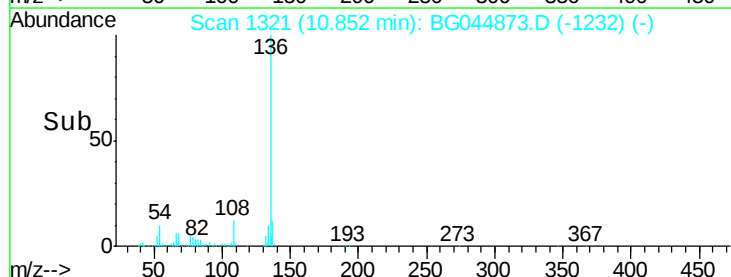
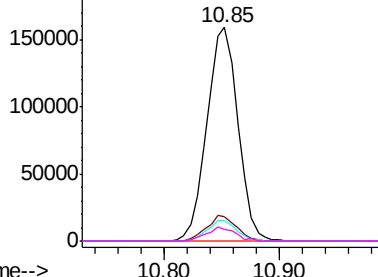
137 11.7 9.8 14.6

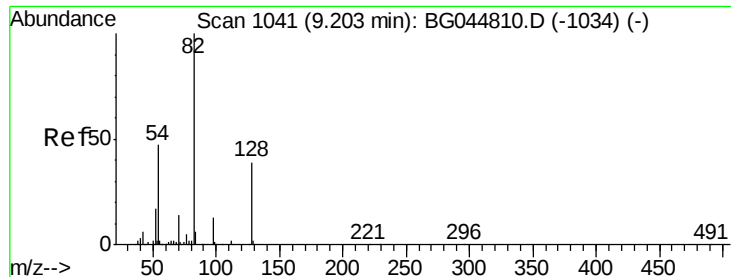
54 9.7 7.9 11.9

68 5.6 5.4 8.0



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: 82.883 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BG044873.D

Acq: 18 Mar 2020 21:10

Instrument :

BNA_G

ClientSampleId :

PB127635BL

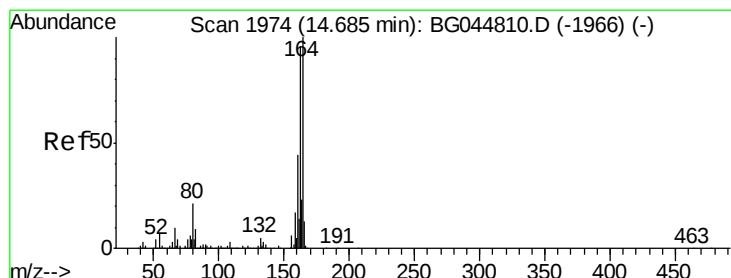
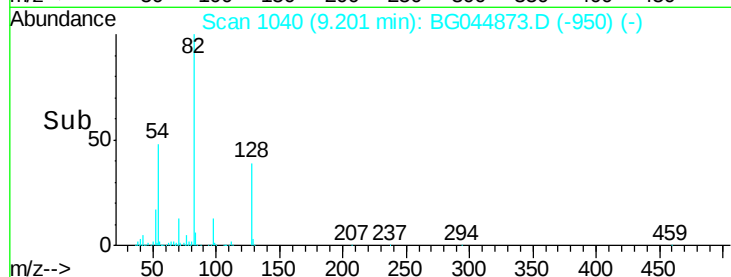
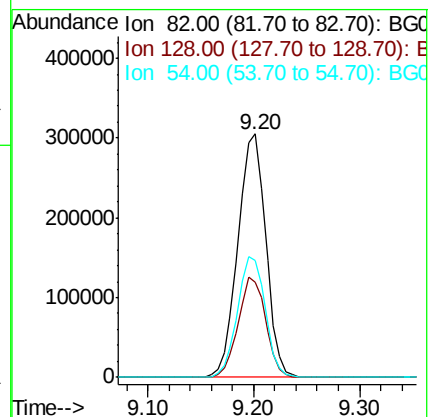
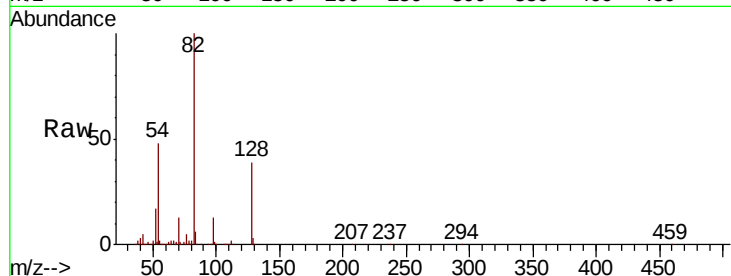
Tot Ion: 82 Resp: 557954

Ion Ratio Lower Upper

82 100

128 39.2 30.6 46.0

54 48.1 37.1 55.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG044873.D

Acq: 18 Mar 2020 21:10

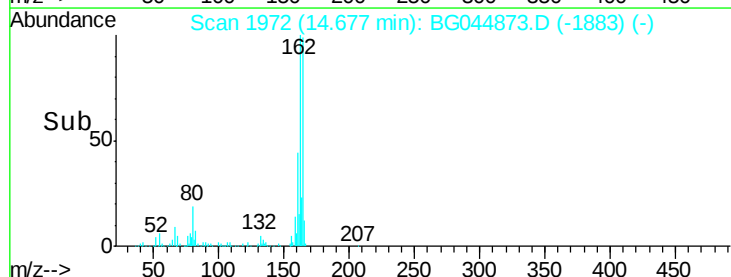
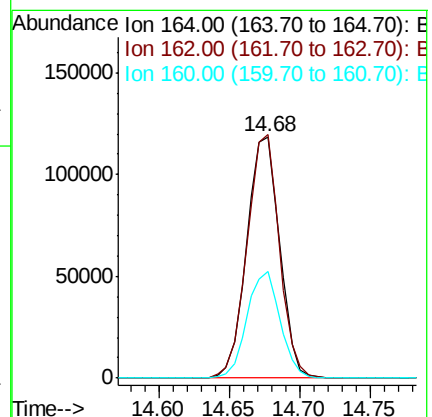
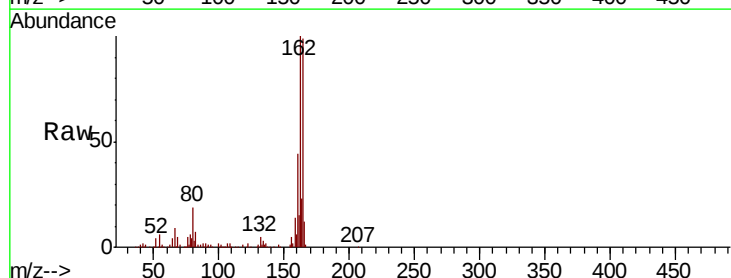
Tgt Ion: 164 Resp: 193886

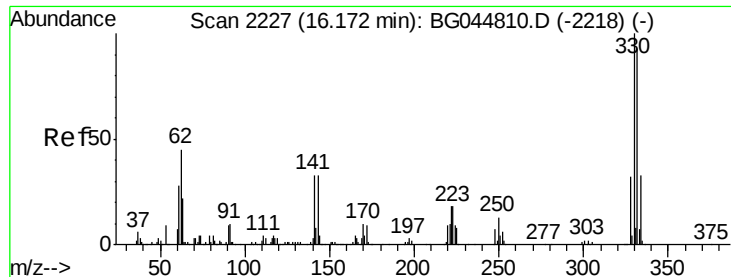
Ion Ratio Lower Upper

164 100

162 100.8 76.7 115.1

160 44.4 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 137.209 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG044873.D

Acq: 18 Mar 2020 21:10

Instrument :

BNA_G

ClientSampled :

PB127635BL

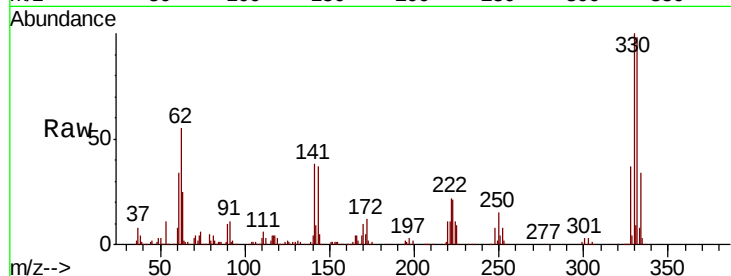
Tot Ion:330 Resp: 348323

Ion Ratio Lower Upper

330 100

332 98.1 77.8 116.6

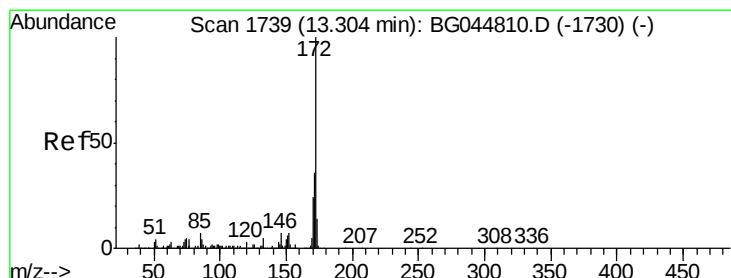
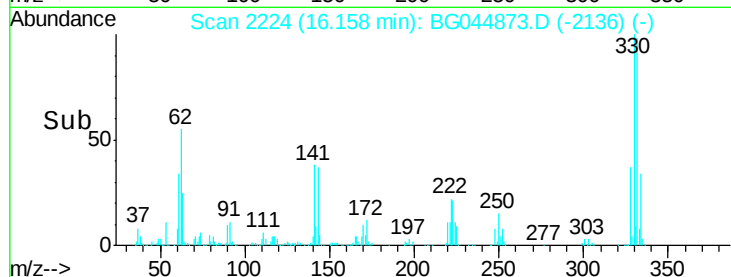
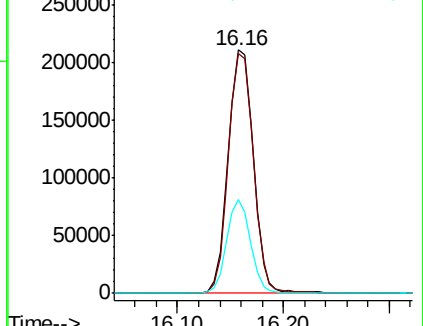
141 36.4 29.5 44.3



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: 86.651 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.00 min

Lab File: BG044873.D

Acq: 18 Mar 2020 21:10

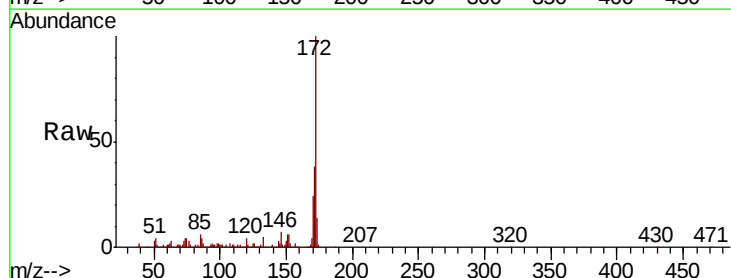
Tgt Ion:172 Resp: 1173180

Ion Ratio Lower Upper

172 100

171 37.6 28.7 43.1

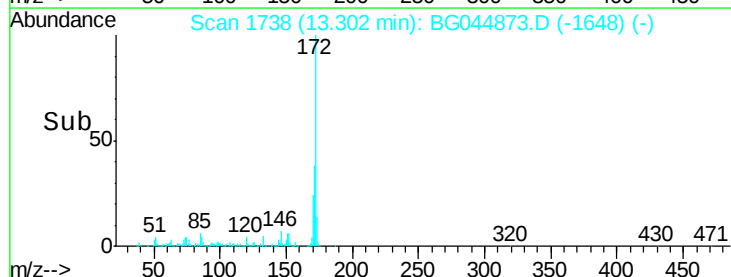
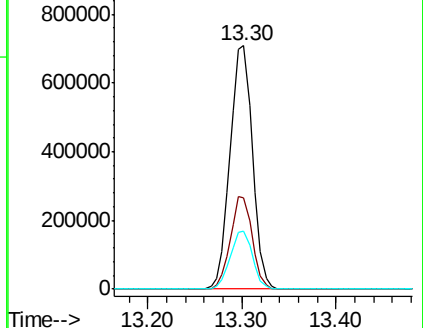
170 23.7 19.0 28.6

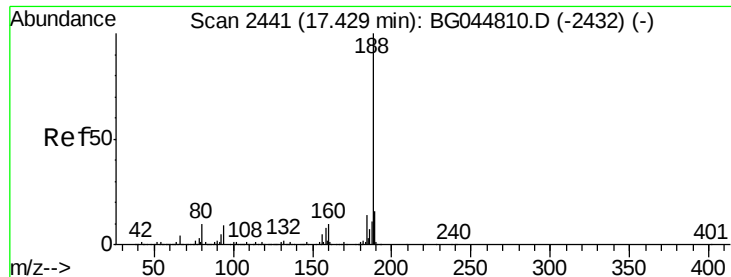


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044873.D

Acq: 18 Mar 2020 21:10

Instrument :

BNA_G

ClientSampleId :

PB127635BL

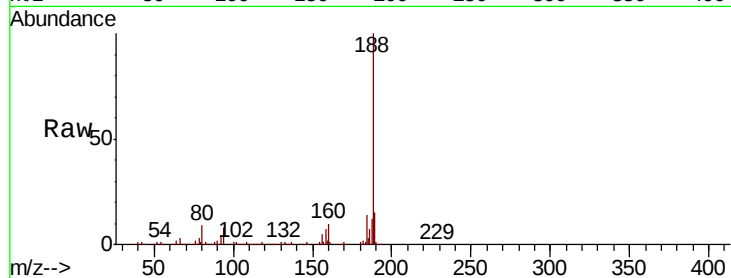
Tot Ion:188 Resp: 463588

Ion Ratio Lower Upper

188 100

94 7.6 7.3 10.9

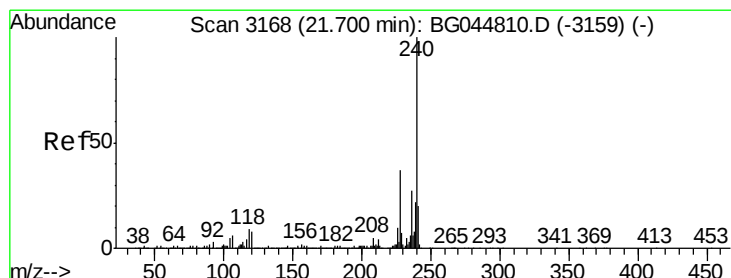
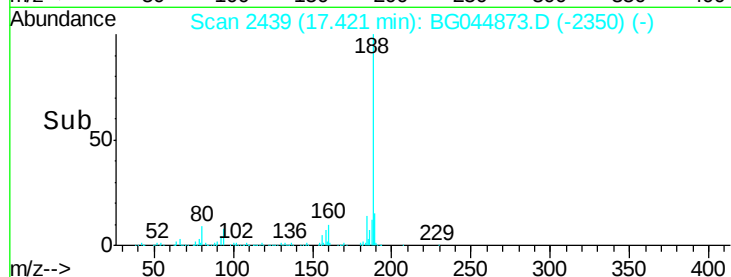
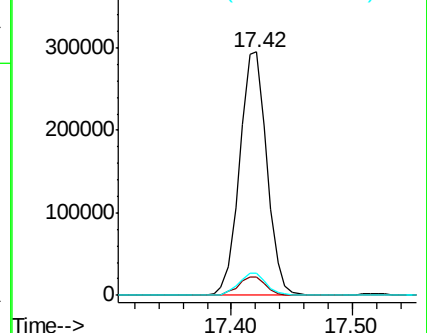
80 8.9 8.0 12.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG044873.D

Acq: 18 Mar 2020 21:10

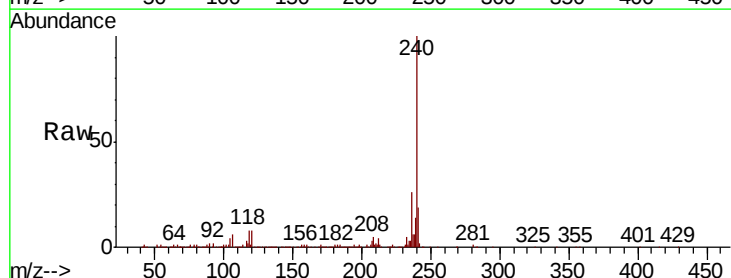
Tgt Ion:240 Resp: 485259

Ion Ratio Lower Upper

240 100

120 7.6 6.7 10.1

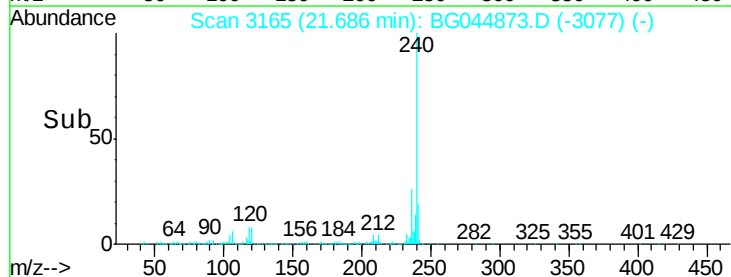
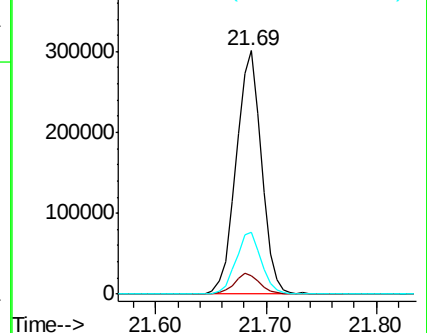
236 25.6 21.5 32.3

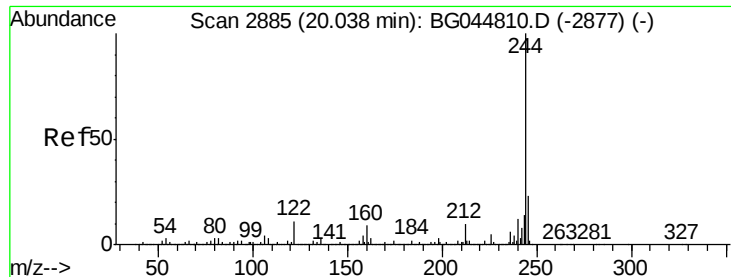


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 78.127 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG044873.D

Acq: 18 Mar 2020 21:10

Instrument :

BNA_G

ClientSampleId :

PB127635BL

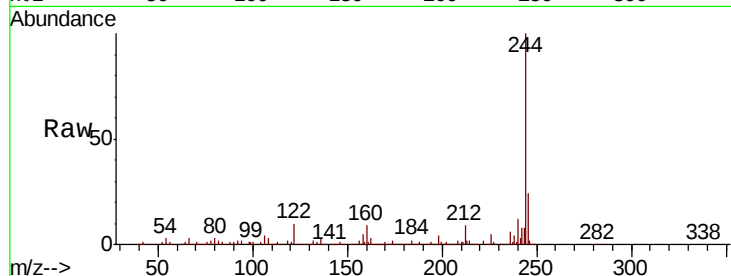
Tot Ion:244 Resp: 2026781

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.7	11.5
122	9.7	8.6	12.8

244 100

212 9.2 7.7 11.5

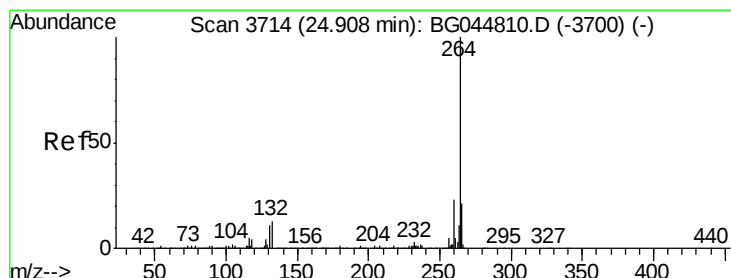
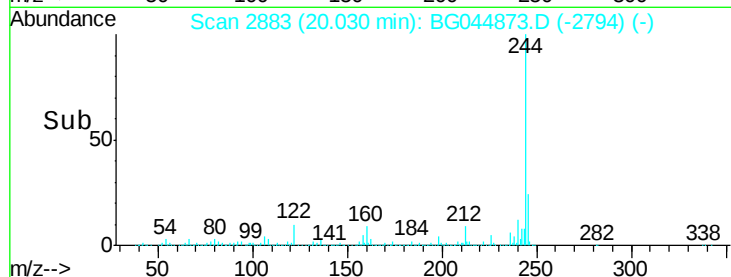
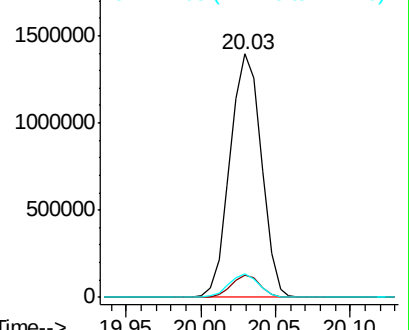
122 9.7 8.6 12.8



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: 24.89 min Scan# 3710

Delta R.T. -0.02 min

Lab File: BG044873.D

Acq: 18 Mar 2020 21:10

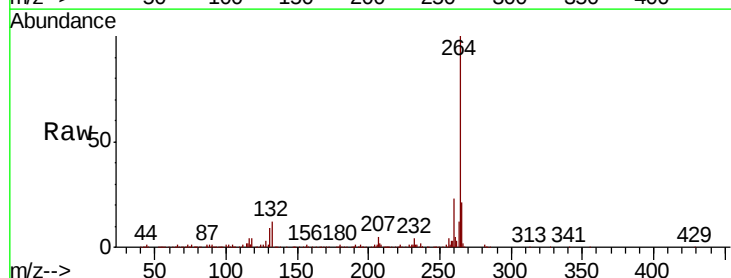
Tgt Ion:264 Resp: 510390

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.1	27.1
265	21.2	17.1	25.7

264 100

260 23.4 18.1 27.1

265 21.2 17.1 25.7



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

