

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
 Data File : BG044872.D
 Acq On : 18 Mar 2020 20:30
 Operator : CG/JU
 Sample : PB127599BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127599BL

Quant Time: Mar 19 02:29:39 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	79021	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	291378	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	195843	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	455727	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	534652	20.00	ng	-0.02
87) Perylene-d12	24.89	264	548107	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	620814	122.30	ng	0.00
7) Phenol-d6	7.20	99	855269	115.96	ng	0.00
23) Nitrobenzene-d5	9.20	82	562100	84.65	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	355839	138.77	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1191934	87.16	ng	0.00
79) Terphenyl-d14	20.03	244	2179626	76.26	ng	0.00

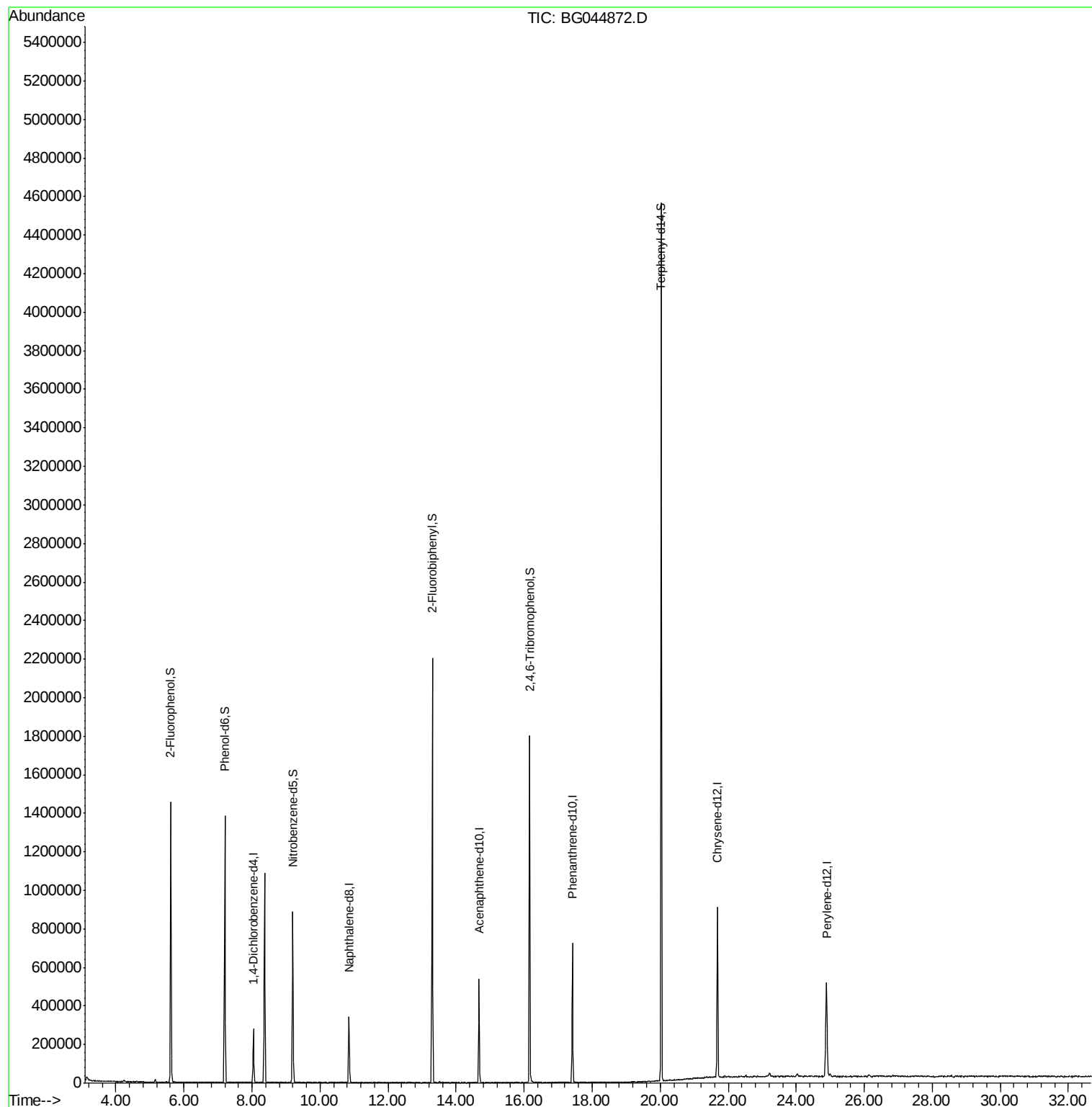
Target Compounds Qvalue

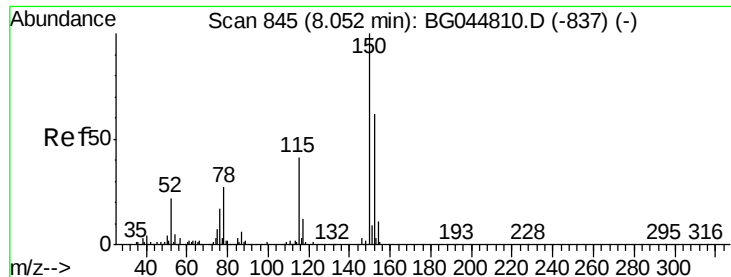
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044872.D
Acq On : 18 Mar 2020 20:30
Operator : CG/JU
Sample : PB127599BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127599BL

Quant Time: Mar 19 02:29:39 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



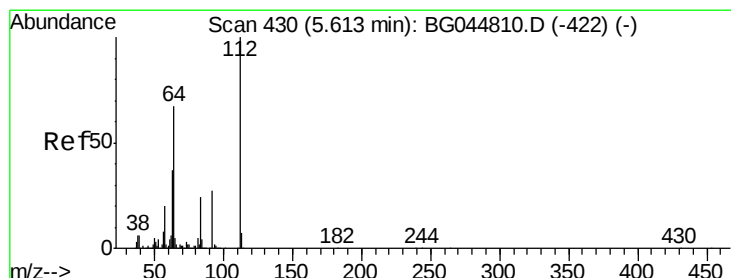
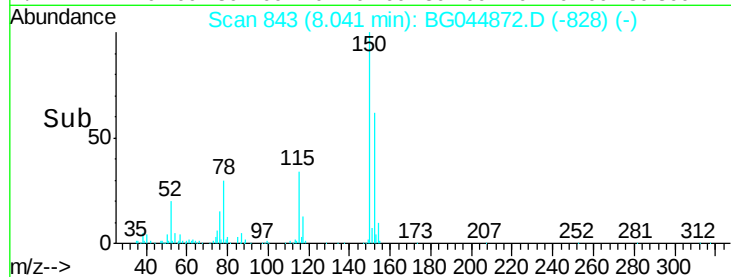
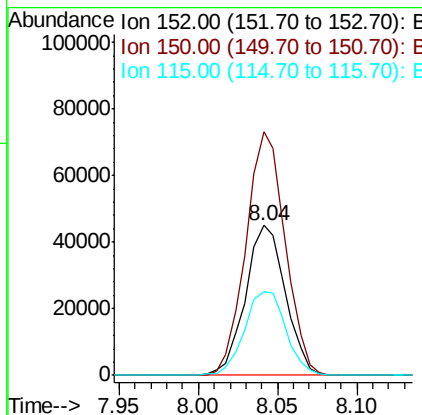
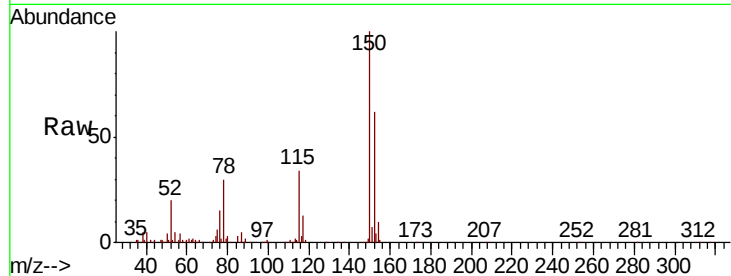


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044872.D
Acq: 18 Mar 2020 20:30

Instrument :
BNA_G
ClientSampleId :
PB127599BL

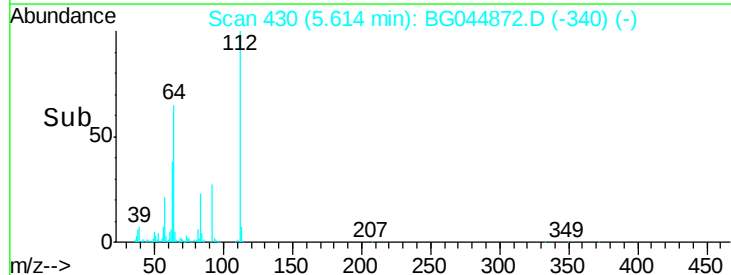
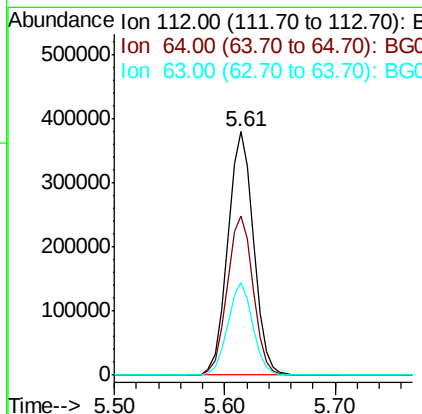
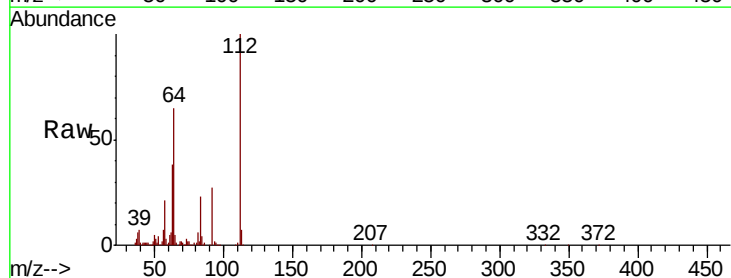
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	128.8	193.2
115	55.3	52.6	79.0

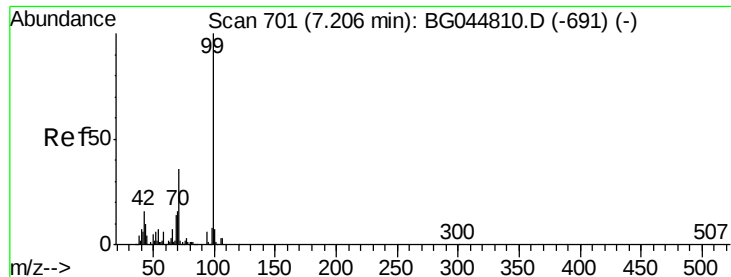


#5

2-Fluorophenol
Concen: 122.299 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044872.D
Acq: 18 Mar 2020 20:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	53.4	80.2
63	38.0	29.4	44.2





#7

Phenol-d6

Concen: 115.963 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044872.D

Acq: 18 Mar 2020 20:30

Instrument :

BNA_G

ClientSampleId :

PB127599BL

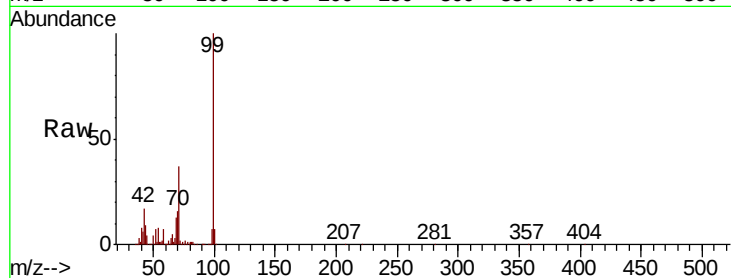
Tot Ion: 99 Resp: 855269

Ion Ratio Lower Upper

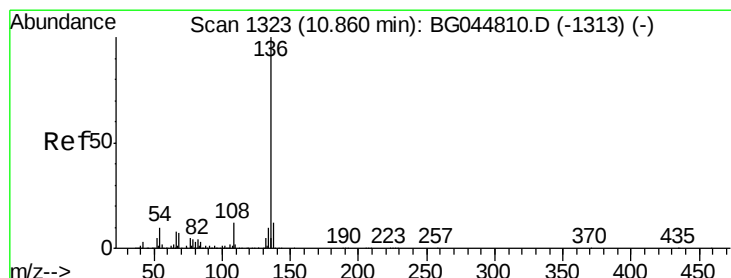
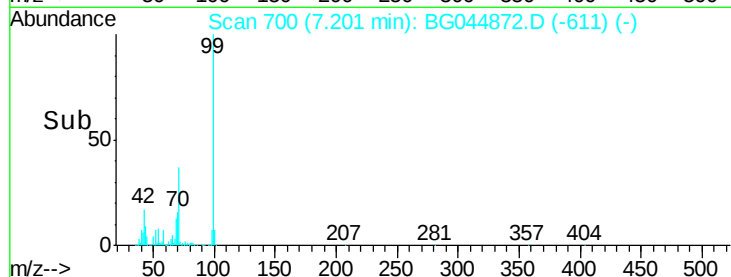
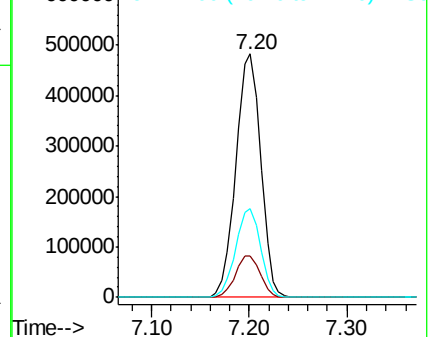
99 100

42 17.0 12.6 19.0

71 36.7 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: BG044872.D

Acq: 18 Mar 2020 20:30

Tgt Ion: 136 Resp: 291378

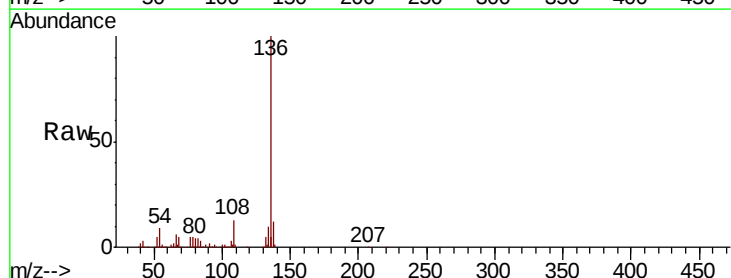
Ion Ratio Lower Upper

136 100

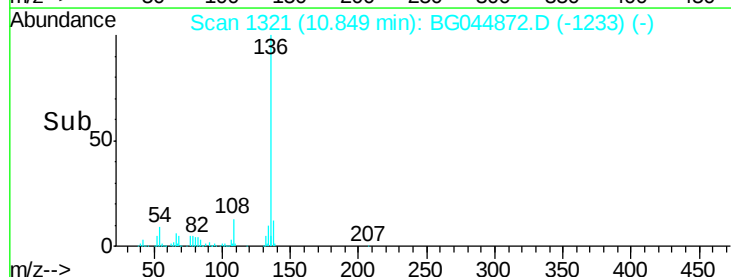
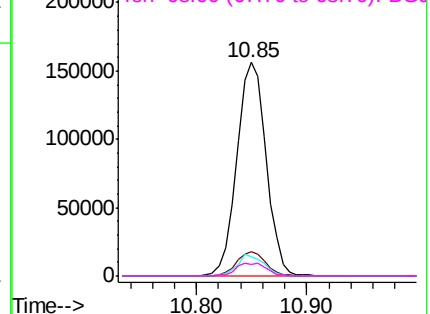
137 11.6 9.8 14.6

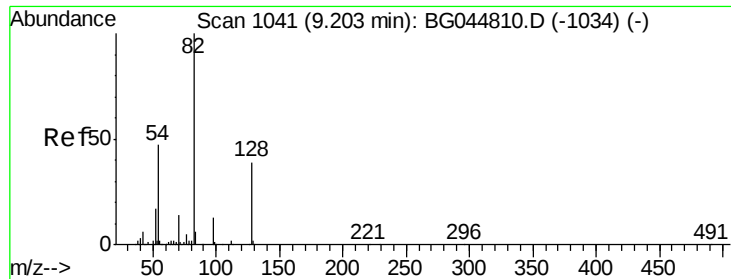
54 8.8 7.9 11.9

68 5.4 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

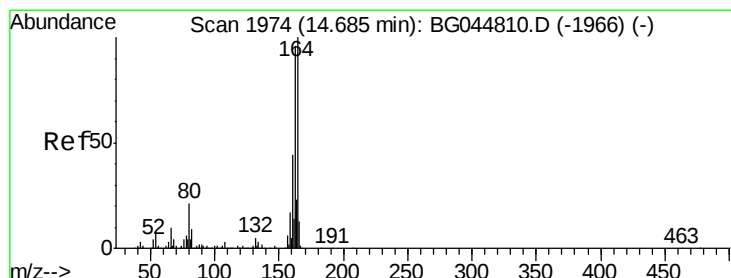
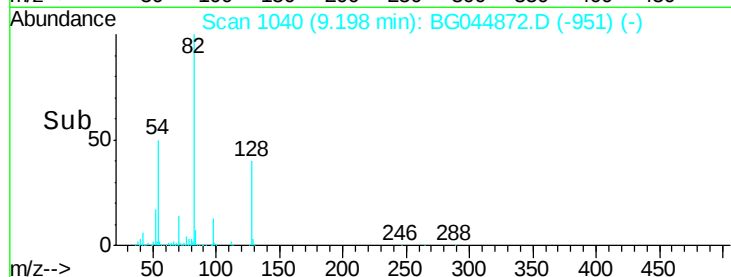
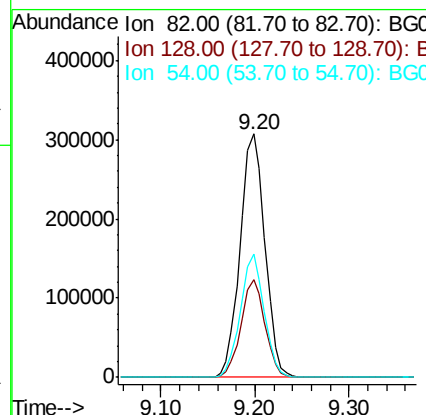
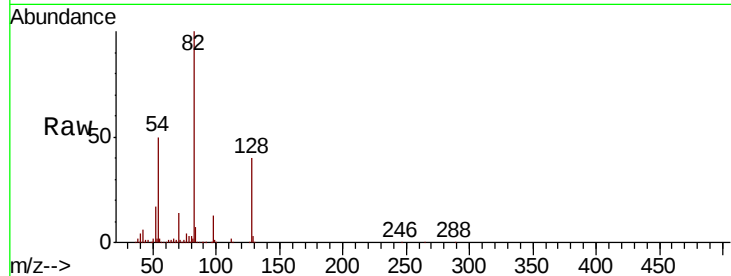




#23
 Nitrobenzene-d5
 Concen: 84.652 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044872.D
 Acq: 18 Mar 2020 20:30

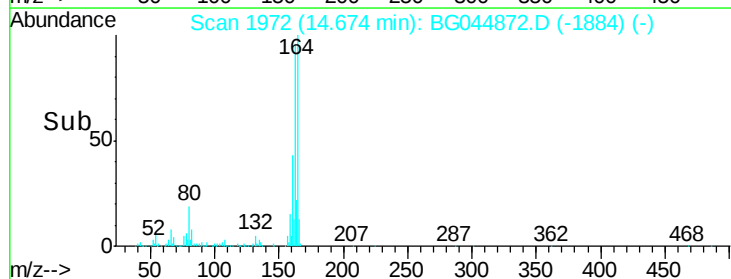
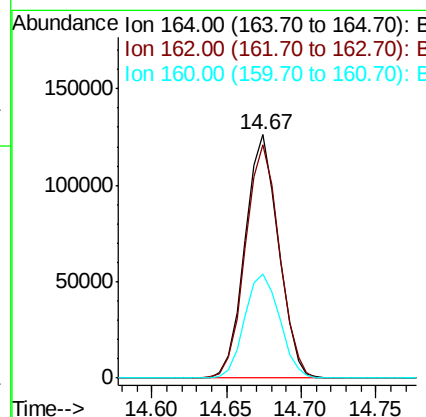
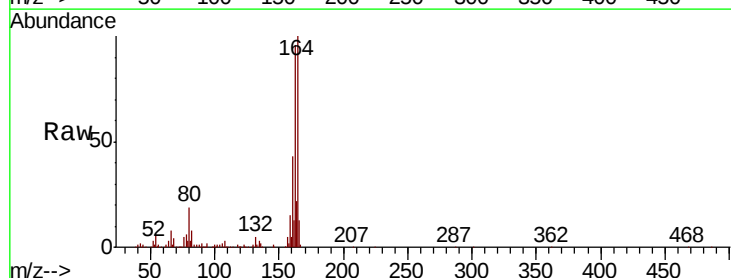
Instrument :
 BNA_G
 ClientSampleId :
 PB127599BL

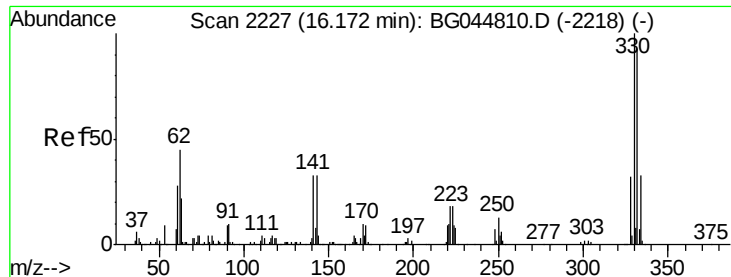
Tot Ion	82	Resp	562100
Ion Ratio	Lower	Upper	
82	100		
128	40.1	30.6	46.0
54	50.4	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044872.D
 Acq: 18 Mar 2020 20:30

Tgt Ion	164	Resp	195843
Ion Ratio	Lower	Upper	
164	100		
162	96.0	76.7	115.1
160	43.0	35.0	52.4





#42

2,4,6-Tribromophenol

Concen: 138.768 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG044872.D

Acq: 18 Mar 2020 20:30

Instrument :

BNA_G

ClientSampleId :

PB127599BL

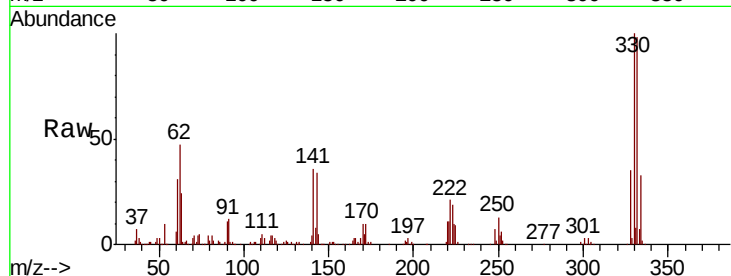
Tot Ion:330 Resp: 355839

Ion Ratio Lower Upper

330 100

332 96.9 77.8 116.6

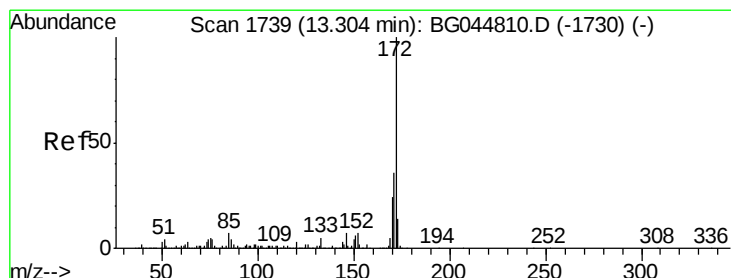
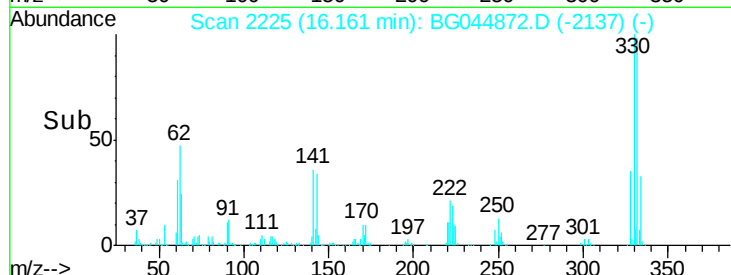
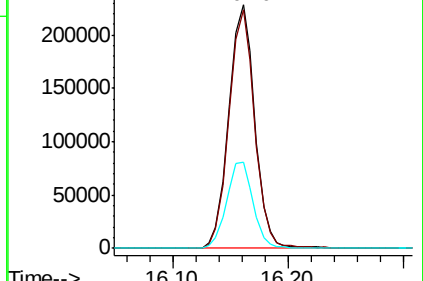
141 36.2 29.5 44.3



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: 87.156 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.00 min

Lab File: BG044872.D

Acq: 18 Mar 2020 20:30

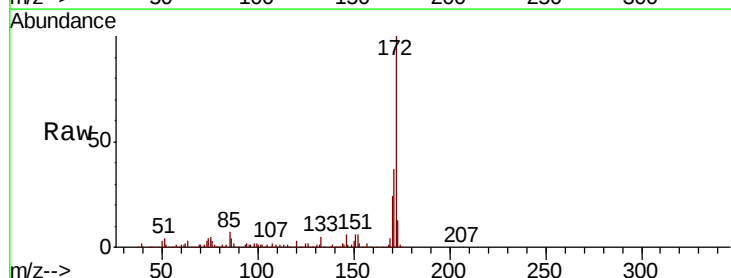
Tgt Ion:172 Resp: 1191934

Ion Ratio Lower Upper

172 100

171 36.6 28.7 43.1

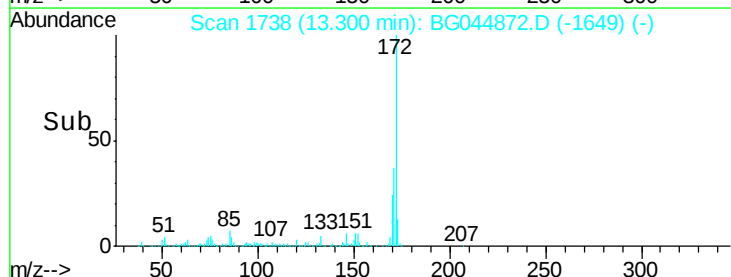
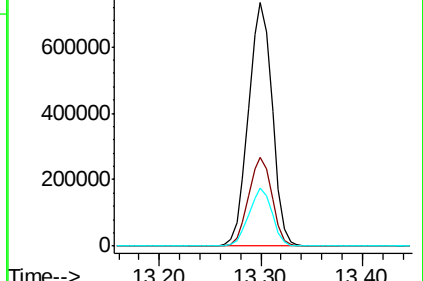
170 24.0 19.0 28.6

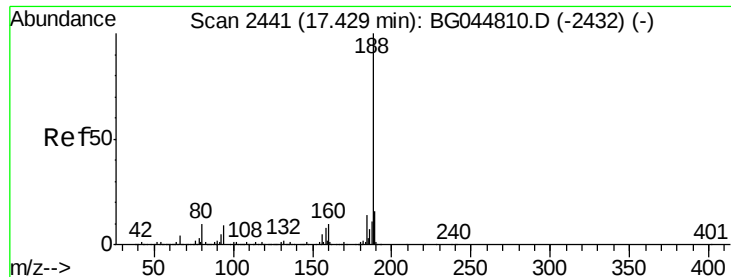


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG044872.D

Acq: 18 Mar 2020 20:30

Instrument :

BNA_G

ClientSampleId :

PB127599BL

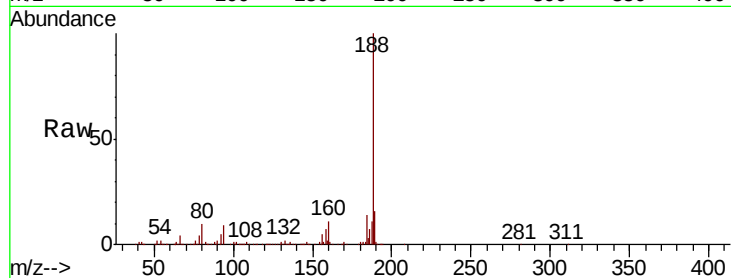
Tot Ion:188 Resp: 455727

Ion Ratio Lower Upper

188 100

94 8.7 7.3 10.9

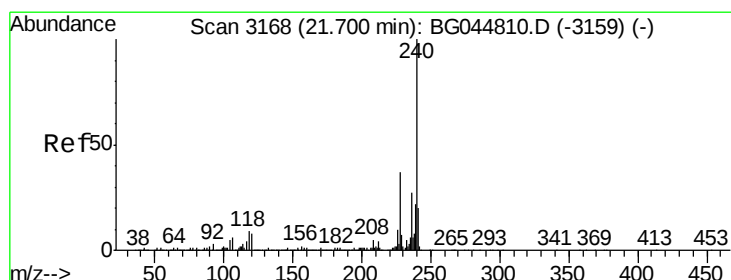
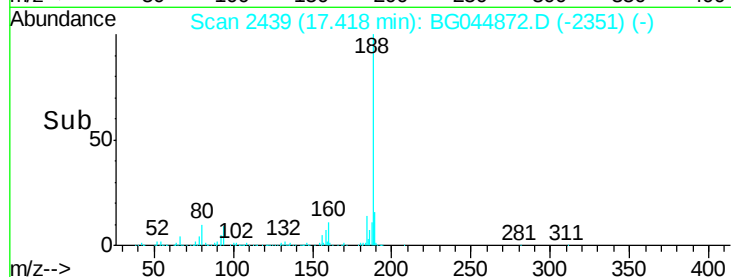
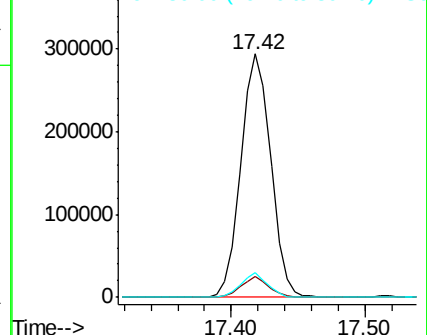
80 10.2 8.0 12.0



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: 21.68 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG044872.D

Acq: 18 Mar 2020 20:30

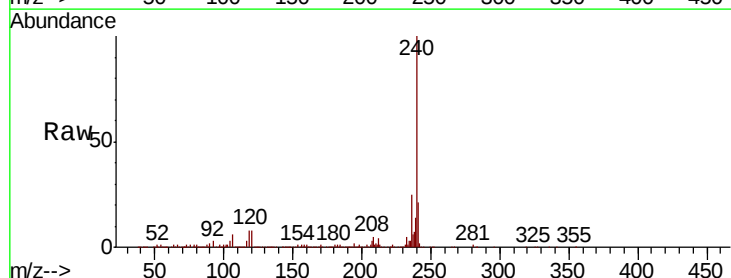
Tgt Ion:240 Resp: 534652

Ion Ratio Lower Upper

240 100

120 8.4 6.7 10.1

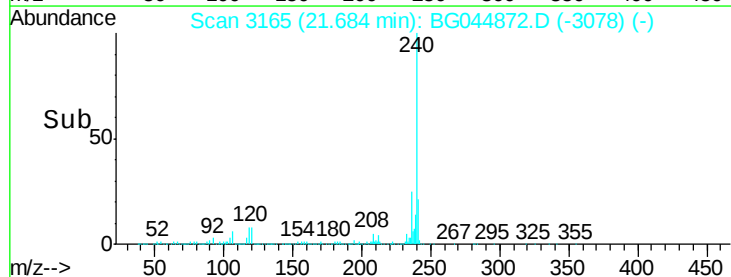
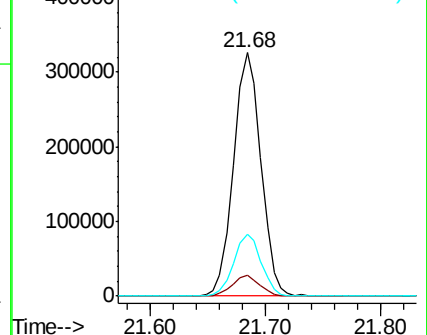
236 25.4 21.5 32.3

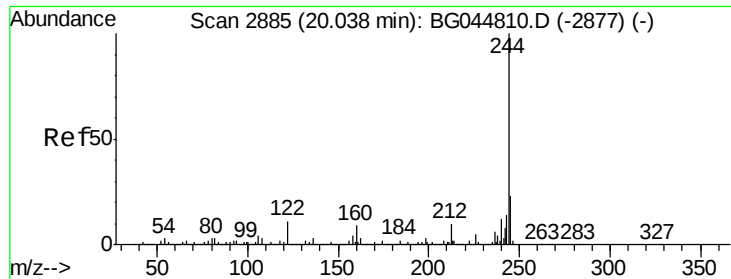


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.257 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG044872.D

Acq: 18 Mar 2020 20:30

Instrument :

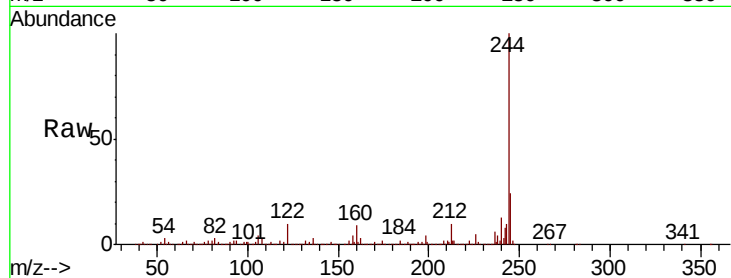
BNA_G

ClientSampleId :

PB127599BL

Tot Ion:244 Resp: 2179626

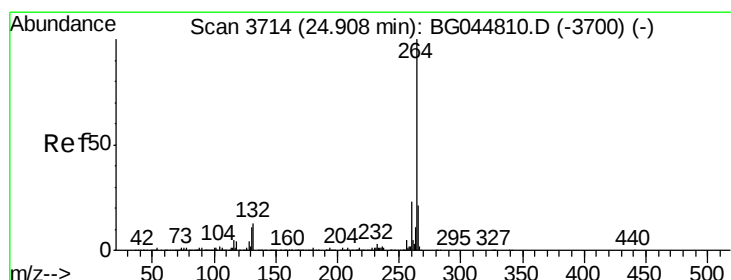
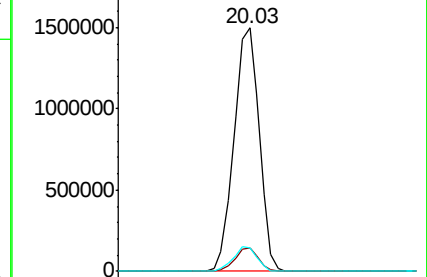
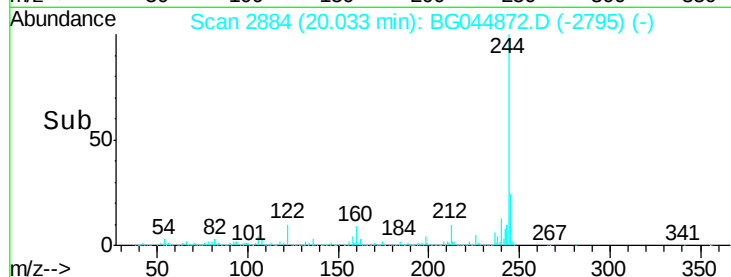
Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.7	11.5
122	9.8	8.6	12.8



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# 3711

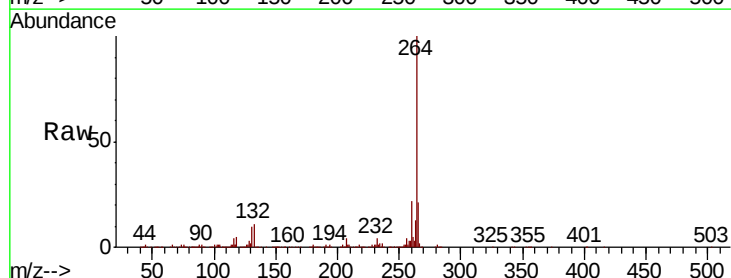
Delta R.T. -0.02 min

Lab File: BG044872.D

Acq: 18 Mar 2020 20:30

Tgt Ion:264 Resp: 548107

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.1	27.1
265	21.5	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

