

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
 Data File : BG044890.D
 Acq On : 19 Mar 2020 9:42
 Operator : CG/JU
 Sample : PB127639TB
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127639TB

Quant Time: Mar 19 11:45:09 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

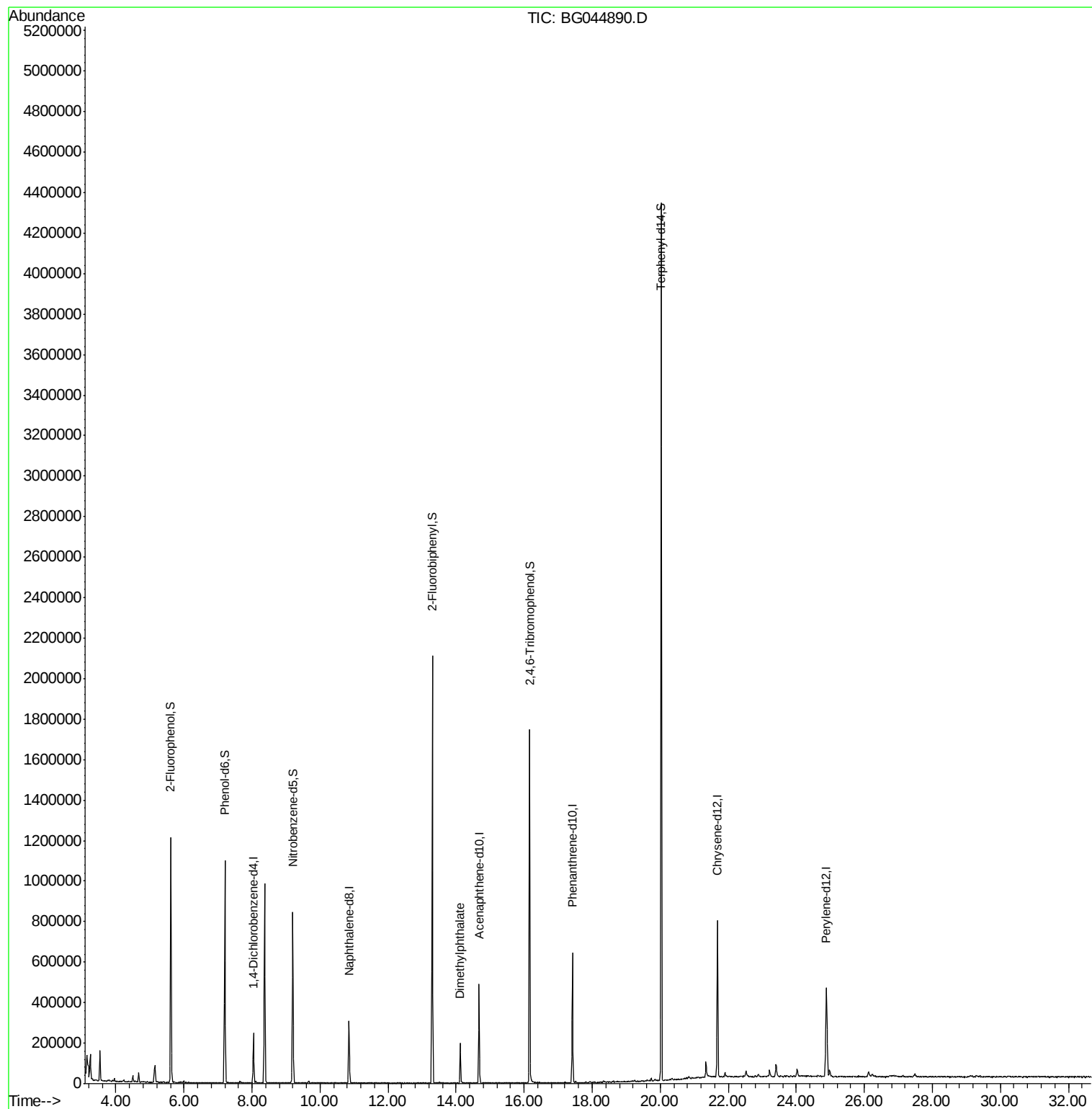
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	70870	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	269626	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	174325	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	410535	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	468338	20.00	ng	-0.02
87) Perylene-d12	24.89	264	483934	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	524379	115.18	ng	0.00
7) Phenol-d6	7.20	99	662438	100.15	ng	0.00
23) Nitrobenzene-d5	9.20	82	541638	88.15	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	352731	154.54	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1099478	90.32	ng	0.00
79) Terphenyl-d14	20.03	244	2049435	81.85	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	133195	9.593	ng	Qvalue 98

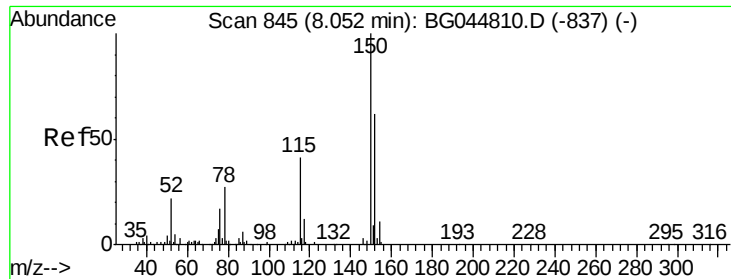
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG044890.D

Acq: 19 Mar 2020 9:42

Instrument :

BNA_G

ClientSampleId :

PB127639TB

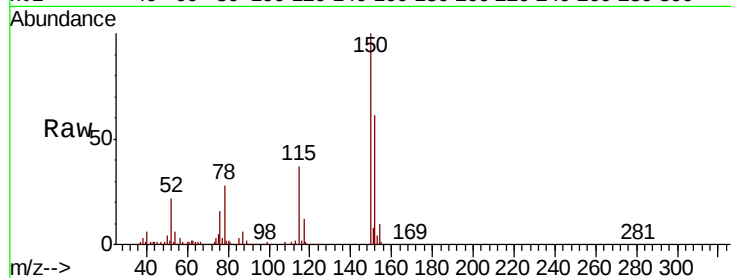
Tot Ion:152 Resp: 70870

Ion Ratio Lower Upper

152 100

150 163.2 128.8 193.2

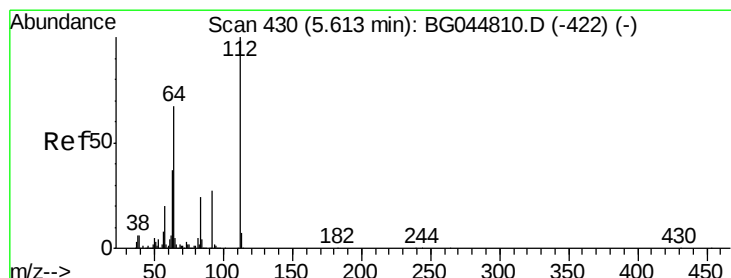
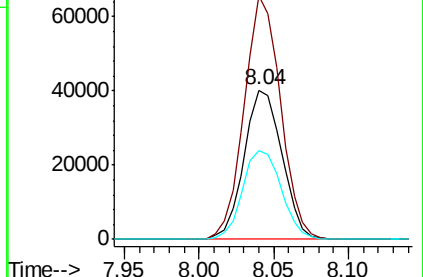
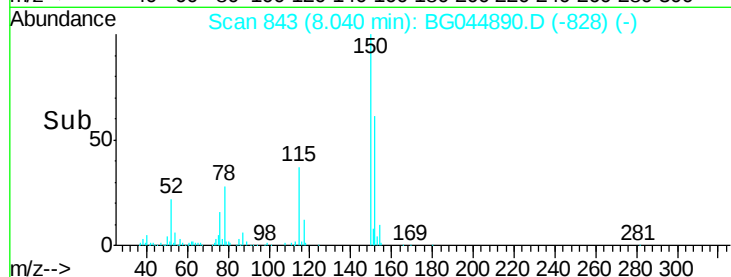
115 59.7 52.6 79.0



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: 115.182 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044890.D

Acq: 19 Mar 2020 9:42

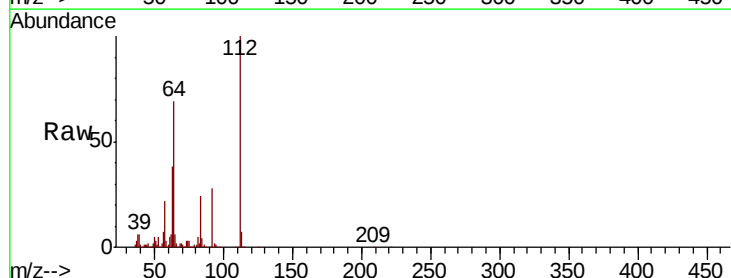
Tgt Ion:112 Resp: 524379

Ion Ratio Lower Upper

112 100

64 68.5 53.4 80.2

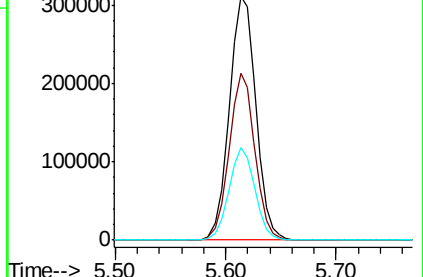
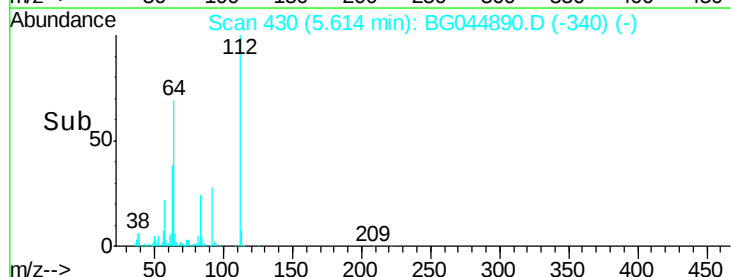
63 38.2 29.4 44.2

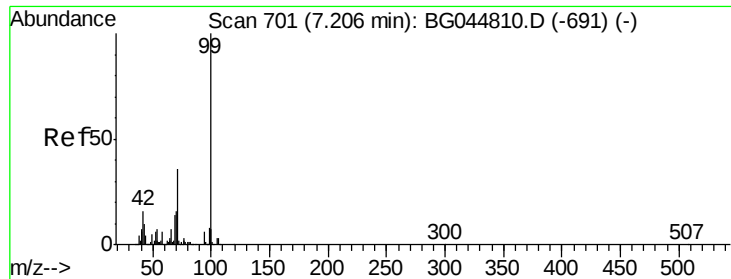


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 100.148 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044890.D

Acq: 19 Mar 2020 9:42

Instrument :

BNA_G

ClientSampleId :

PB127639TB

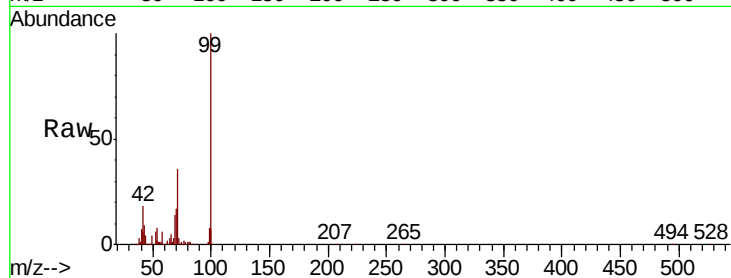
Tot Ion: 99 Resp: 662438

Ion Ratio Lower Upper

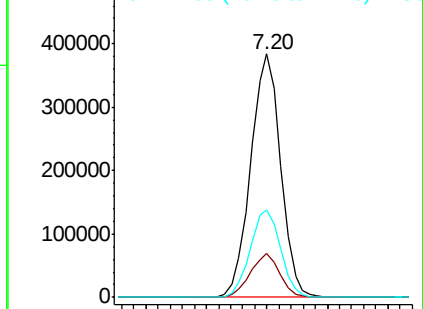
99 100

42 18.2 12.6 19.0

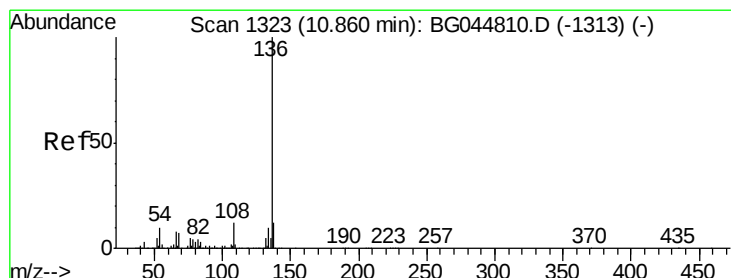
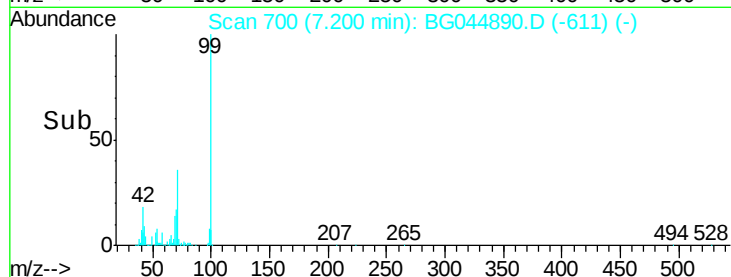
71 35.8 29.0 43.4



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BG044890.D

Acq: 19 Mar 2020 9:42

Tgt Ion: 136 Resp: 269626

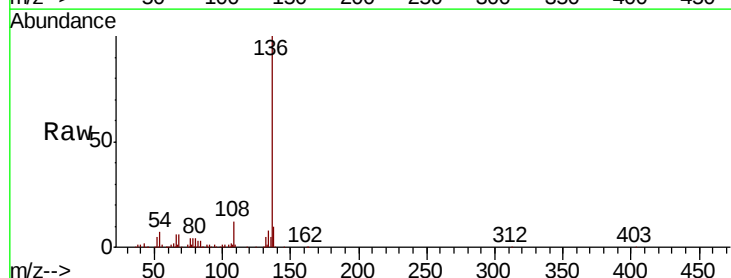
Ion Ratio Lower Upper

136 100

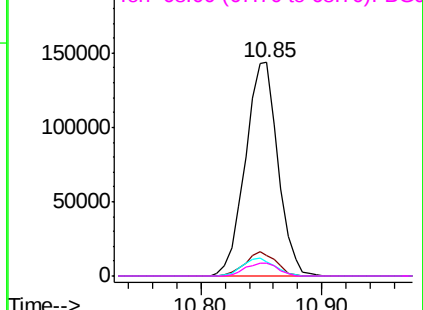
137 9.6 9.8 14.6#

54 6.9 7.9 11.9#

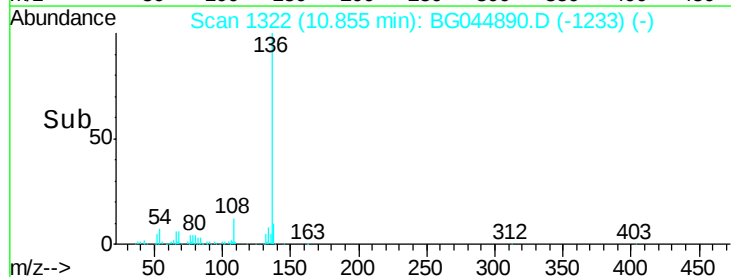
68 6.0 5.4 8.0

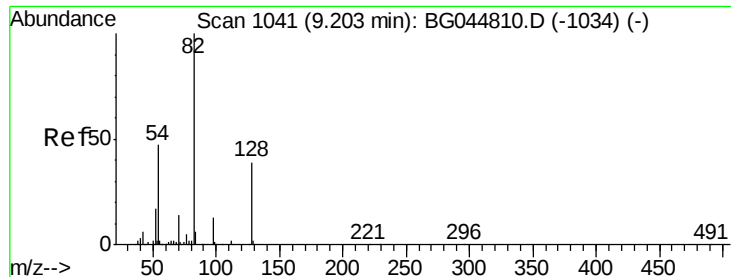


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

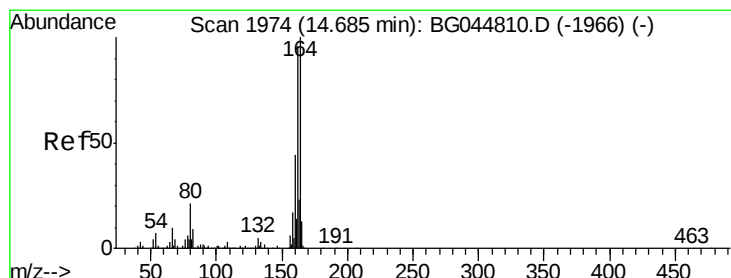
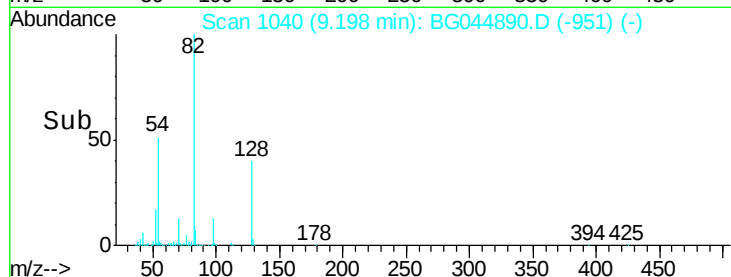
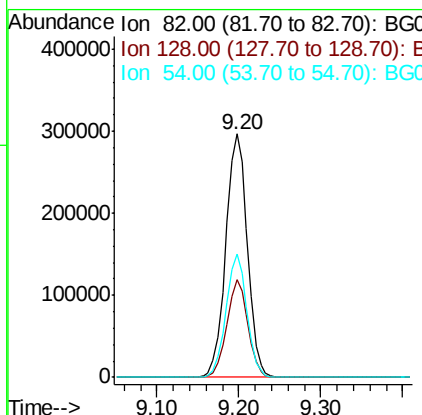
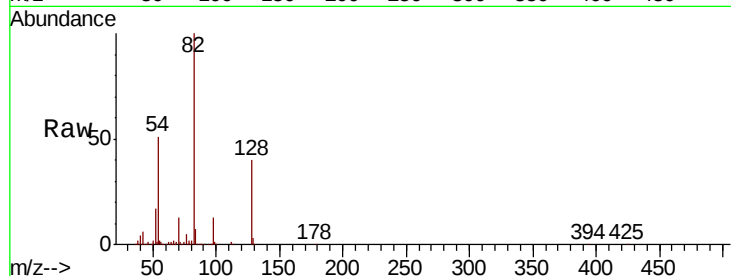




#23
Nitrobenzene-d5
Concen: 88.151 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG044890.D
Acq: 19 Mar 2020 9:42

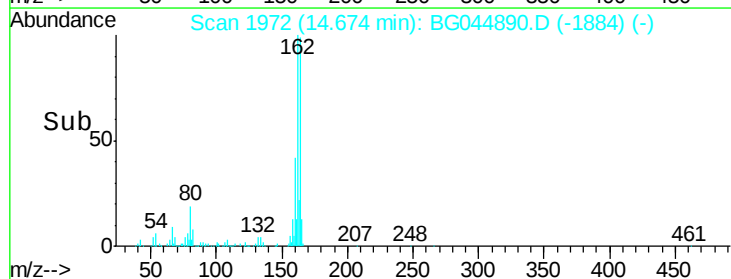
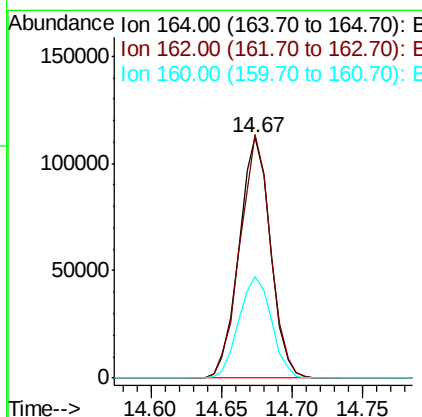
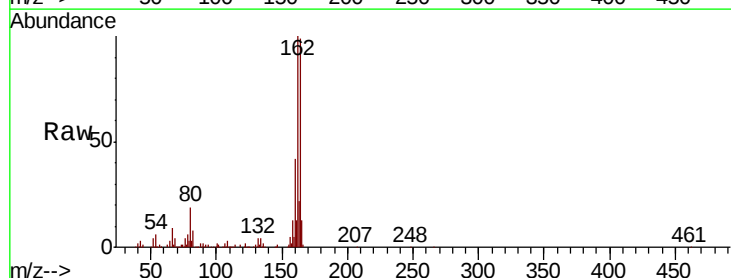
Instrument :
BNA_G
ClientSampleId :
PB127639TB

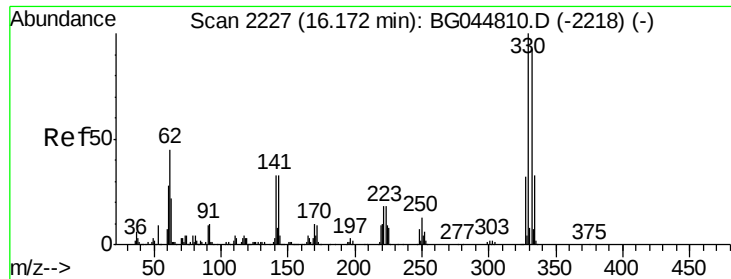
Tot Ion	82	Resp	541638
Ion Ratio	Lower	Upper	
82	100		
128	40.1	30.6	46.0
54	50.7	37.1	55.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044890.D
Acq: 19 Mar 2020 9:42

Tgt Ion	164	Resp	174325
Ion Ratio	Lower	Upper	
164	100		
162	101.1	76.7	115.1
160	42.2	35.0	52.4

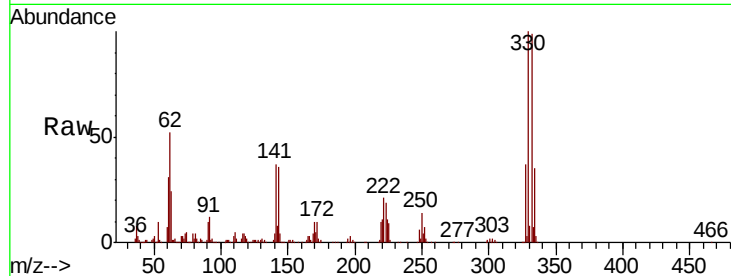




#42
 2,4,6-Tribromophenol
 Concen: 154.536 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG044890.D
 Acq: 19 Mar 2020 9:42

Instrument :
 BNA_G
 ClientSampleId :
 PB127639TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.8	116.6
141	36.0	29.5	44.3

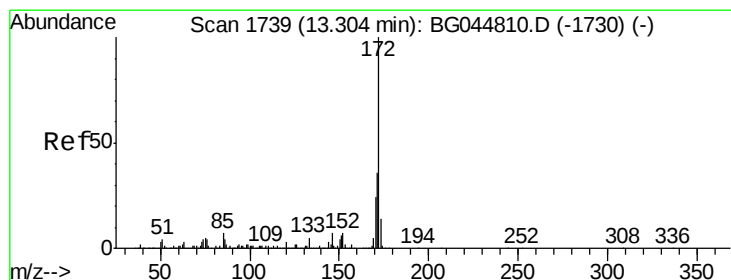
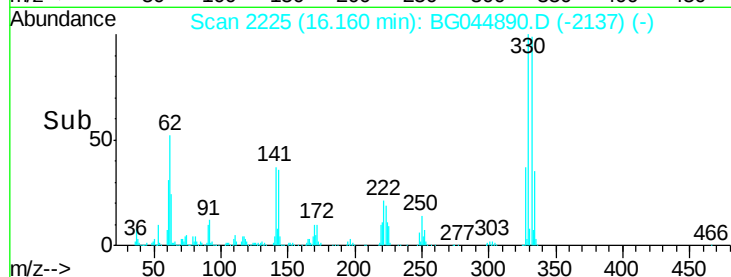
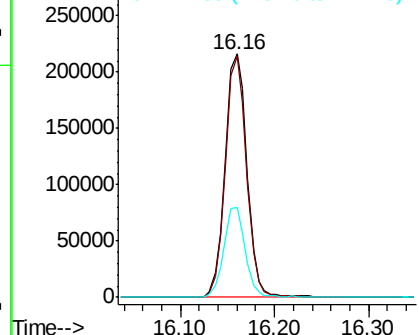


Abundance

Ion 329.80 (329.50 to 330.50): E

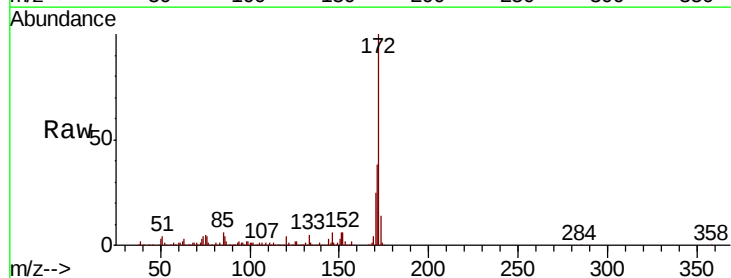
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.319 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG044890.D
 Acq: 19 Mar 2020 9:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	28.7	43.1
170	24.9	19.0	28.6

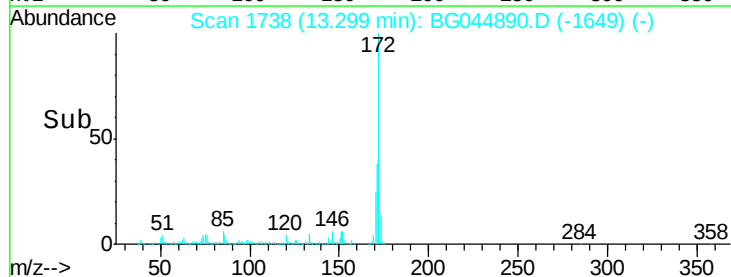
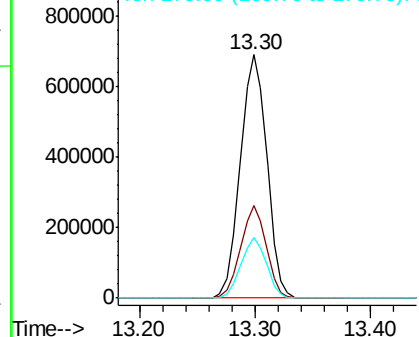


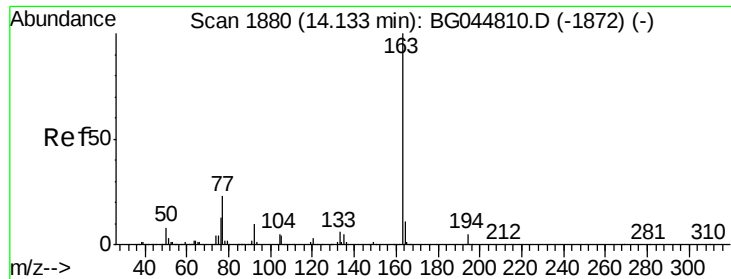
Abundance

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





#50

Dimethylphthalate

Concen: 9.593 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG044890.D

Acq: 19 Mar 2020 9:42

Instrument :

BNA_G

ClientSampleId :

PB127639TB

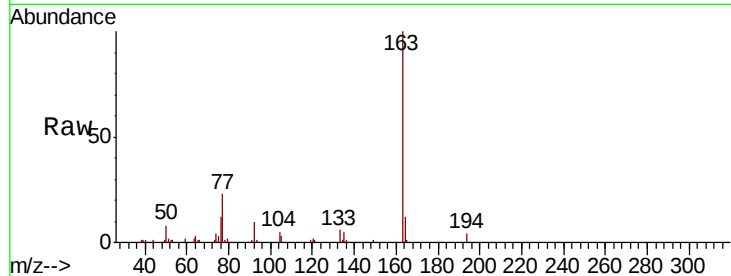
Tot Ion:163 Resp: 133195

Ion Ratio Lower Upper

163 100

194 4.0 3.7 5.5

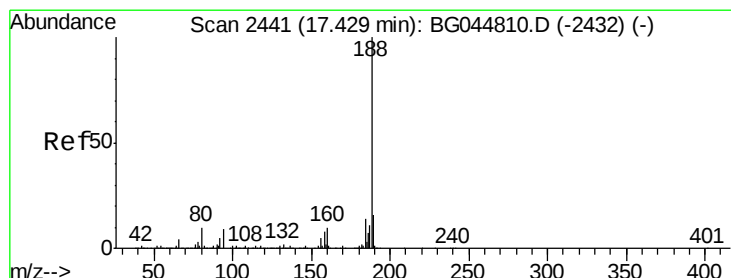
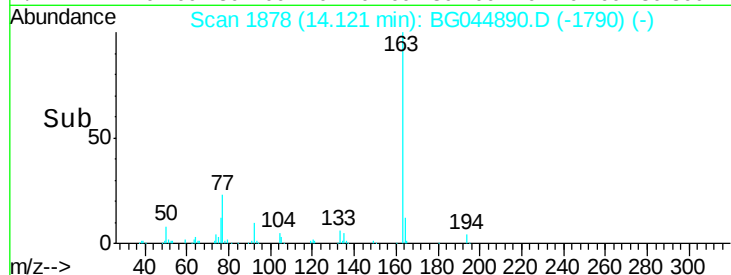
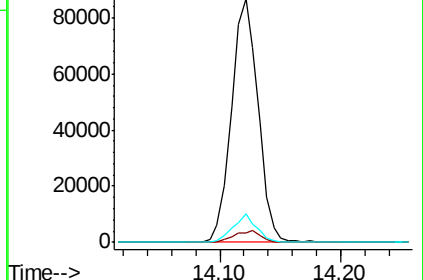
164 11.9 9.1 13.7



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: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044890.D

Acq: 19 Mar 2020 9:42

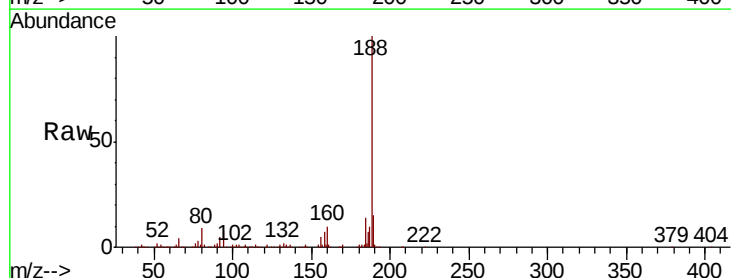
Tgt Ion:188 Resp: 410535

Ion Ratio Lower Upper

188 100

94 7.5 7.3 10.9

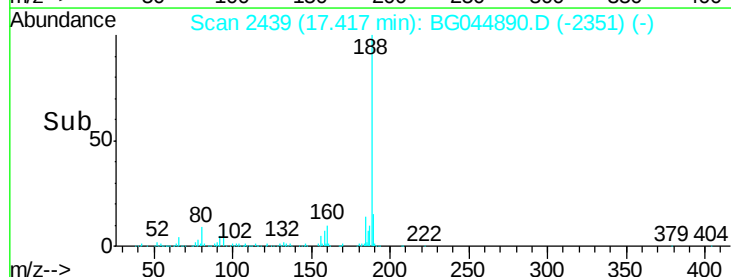
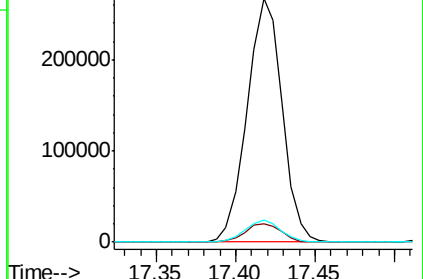
80 9.0 8.0 12.0

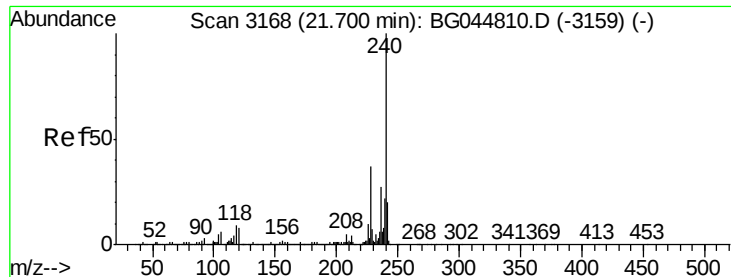


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG044890.D

Acq: 19 Mar 2020 9:42

Instrument :

BNA_G

ClientSampleId :

PB127639TB

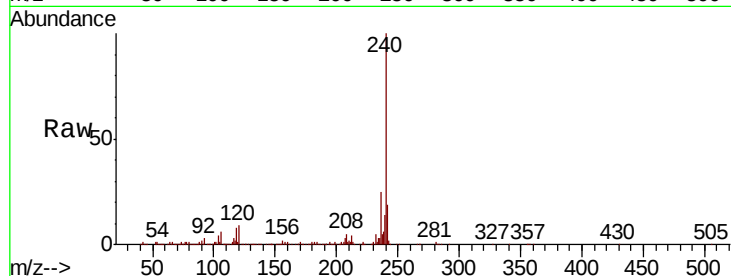
Tot Ion:240 Resp: 468338

Ion Ratio Lower Upper

240 100

120 8.7 6.7 10.1

236 24.6 21.5 32.3

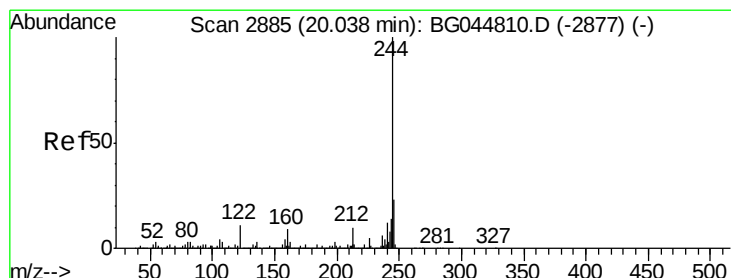
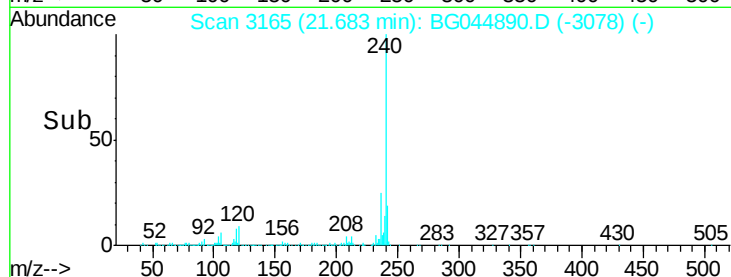
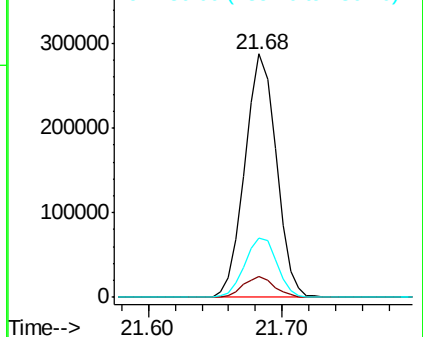


Abundance

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: 81.855 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044890.D

Acq: 19 Mar 2020 9:42

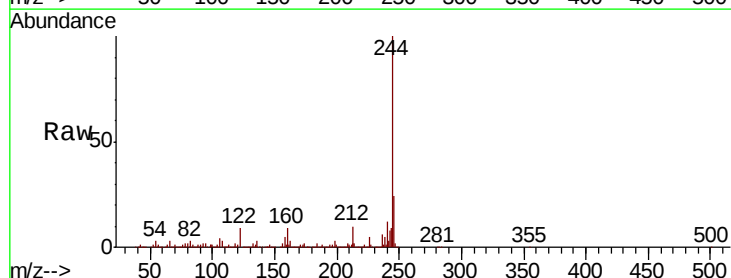
Tgt Ion:244 Resp: 2049435

Ion Ratio Lower Upper

244 100

212 9.5 7.7 11.5

122 9.5 8.6 12.8

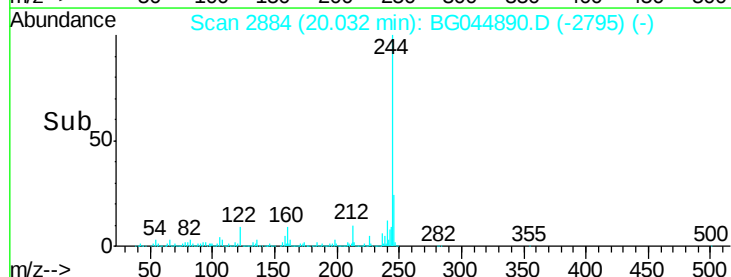
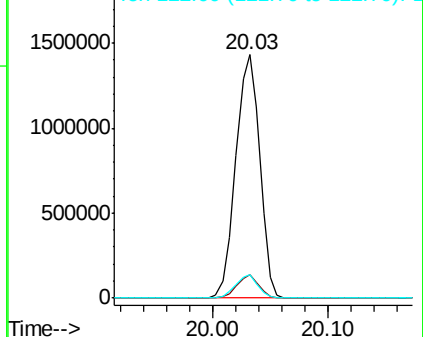


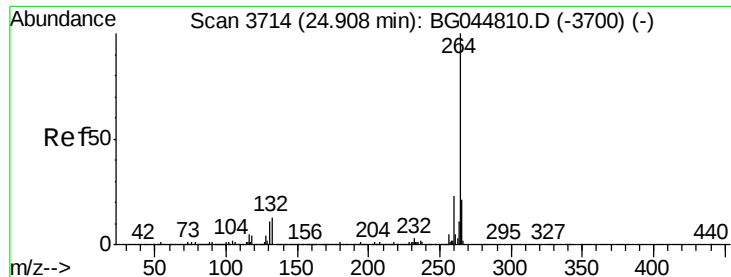
Abundance

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
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG044890.D
Acq: 19 Mar 2020 9:42

Instrument :
BNA_G
ClientSampleId :
PB127639TB

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	25.7	18.1	27.1	
265	22.0	17.1	25.7	

