

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
 Data File : BG044865.D
 Acq On : 18 Mar 2020 14:14
 Operator : CG/JU
 Sample : L1942-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-10-DA

Quant Time: Mar 18 16:24:22 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

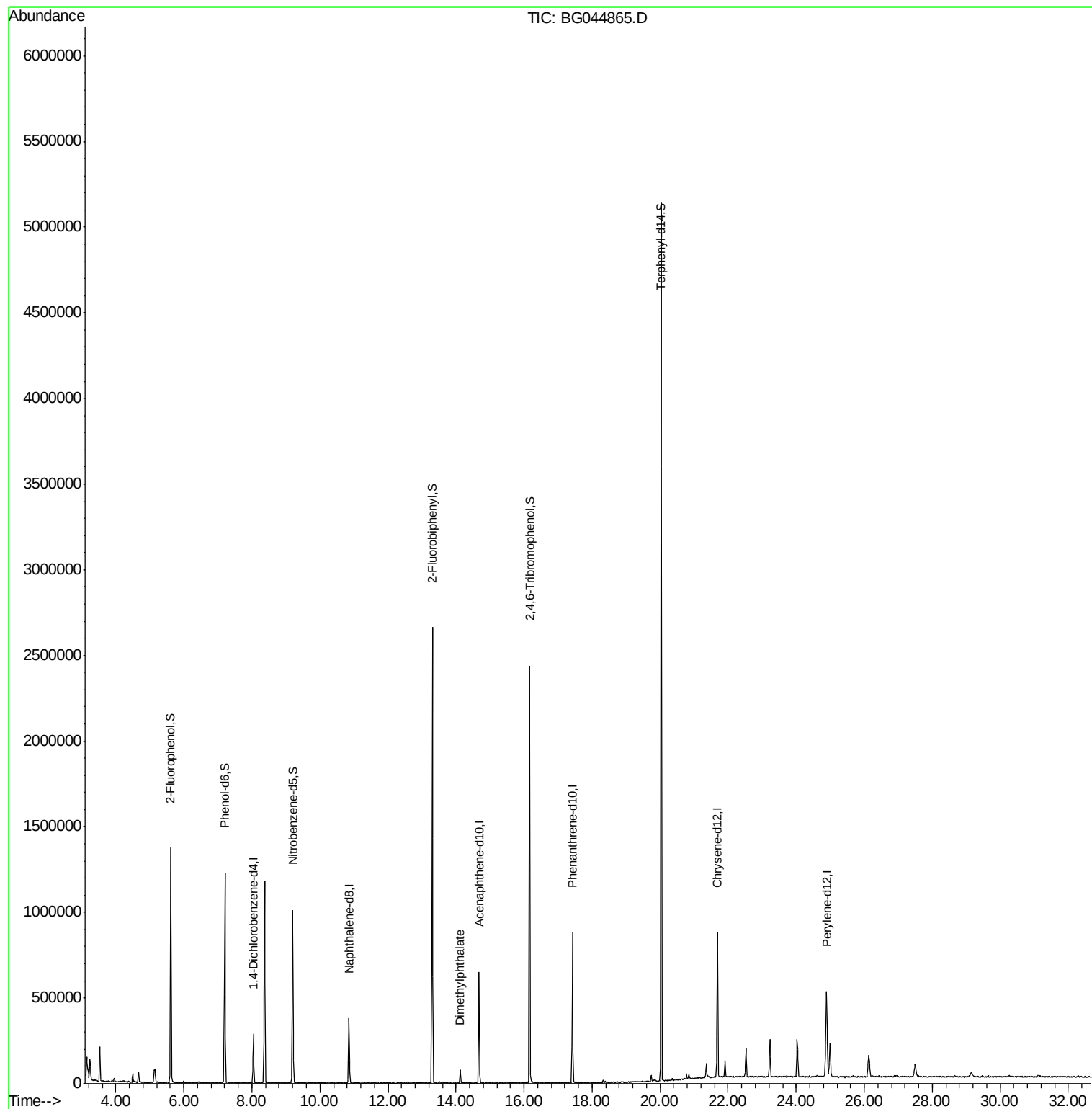
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	78801	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	317924	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	233624	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	545975	20.00	ng	0.00
76) Chrysene-d12	21.68	240	498297	20.00	ng	-0.02
87) Perylene-d12	24.89	264	547965	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	595027	117.55	ng	0.00
7) Phenol-d6	7.20	99	748652	101.79	ng	0.00
23) Nitrobenzene-d5	9.20	82	647818	89.41	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	459476	150.21	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1394963	85.51	ng	0.00
79) Terphenyl-d14	20.03	244	2331256	87.51	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	54703	2.940	ng	Qvalue # 98

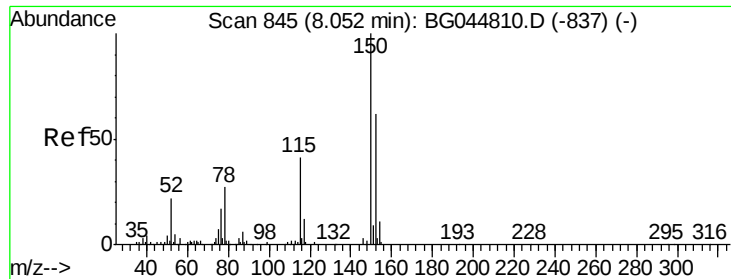
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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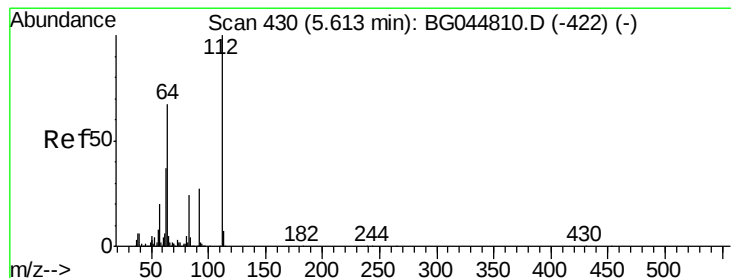
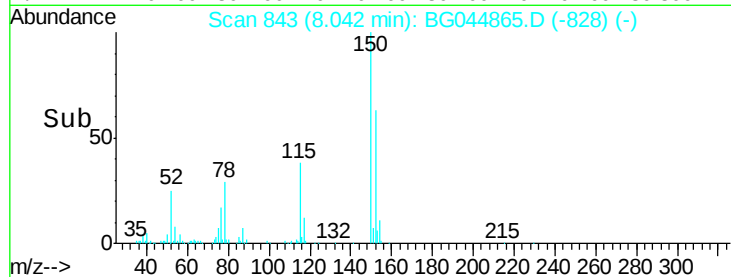
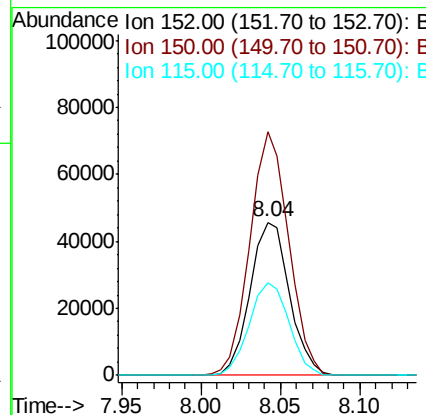
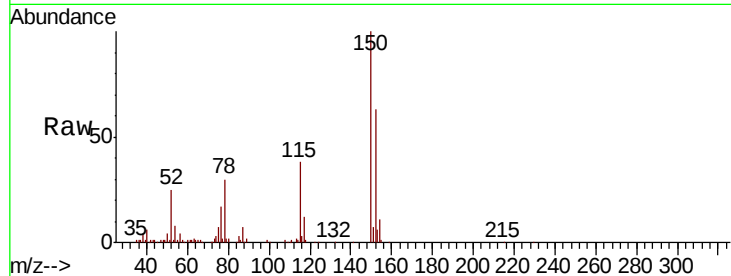


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044865.D
Acq: 18 Mar 2020 14:14

Instrument :
BNA_G
ClientSampleId :
TP-10-DA

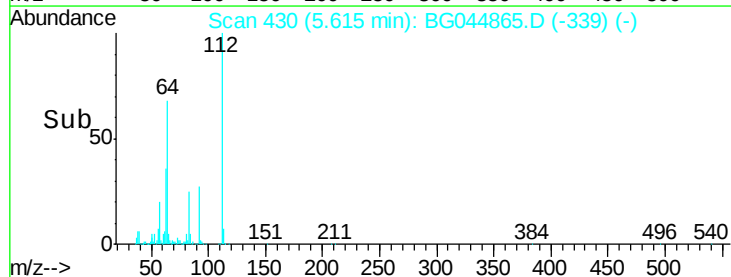
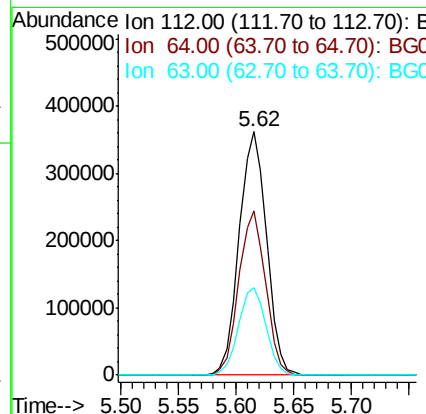
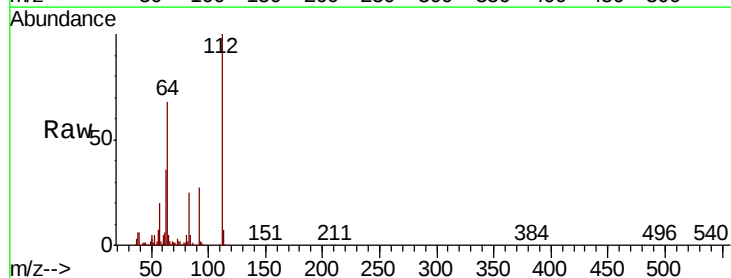
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	128.8	193.2
115	60.3	52.6	79.0

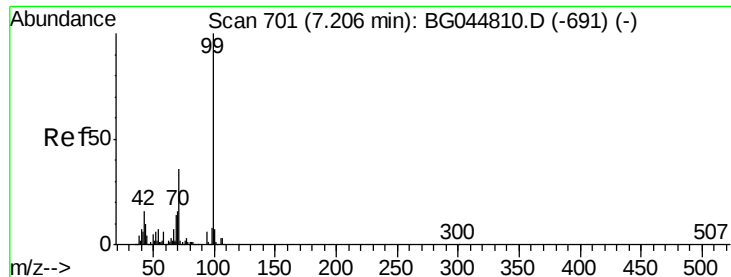


#5

2-Fluorophenol
Concen: 117.546 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044865.D
Acq: 18 Mar 2020 14:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	53.4	80.2
63	35.7	29.4	44.2





#7

Phenol-d6

Concen: 101.790 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044865.D

Acq: 18 Mar 2020 14:14

Instrument :

BNA_G

ClientSampled :

TP-10-DA

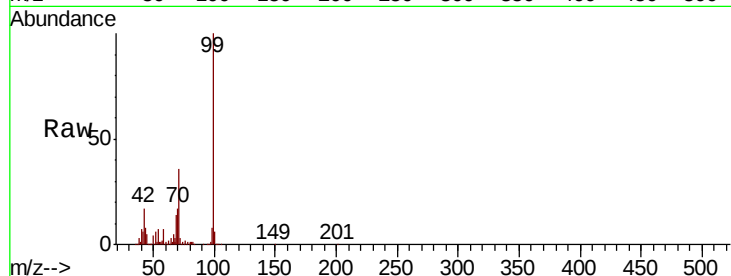
Tot Ion: 99 Resp: 748652

Ion Ratio Lower Upper

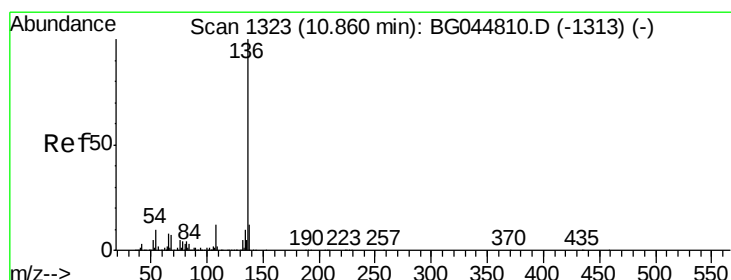
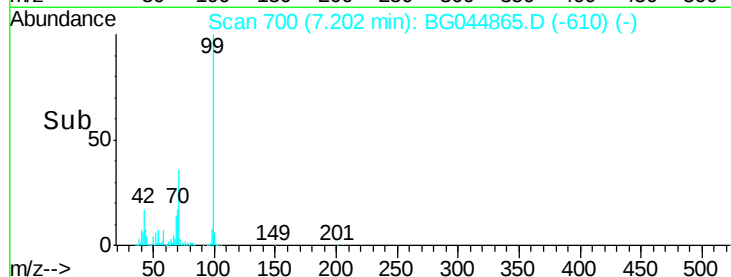
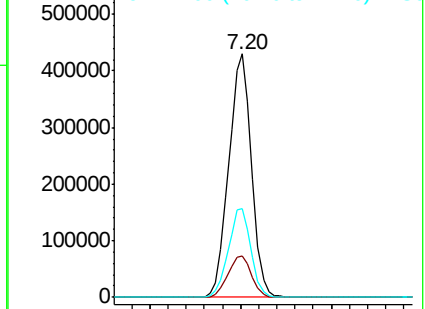
99 100

42 17.1 12.6 19.0

71 36.2 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: BG044865.D

Acq: 18 Mar 2020 14:14

Tgt Ion: 136 Resp: 317924

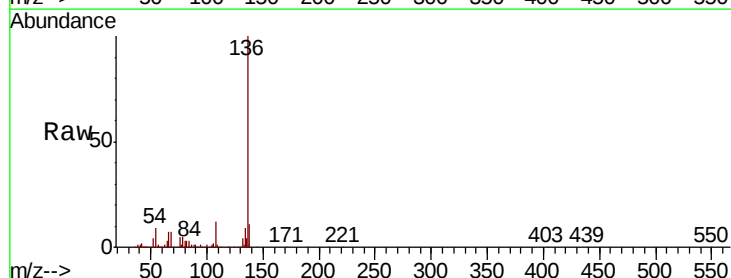
Ion Ratio Lower Upper

136 100

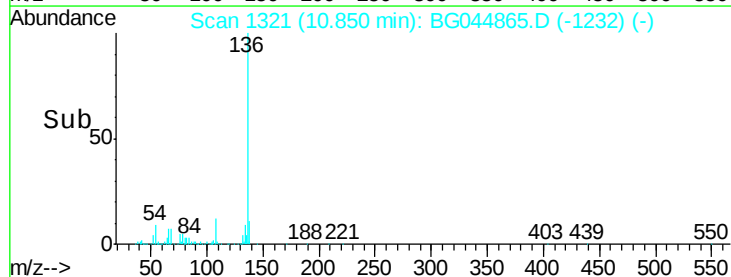
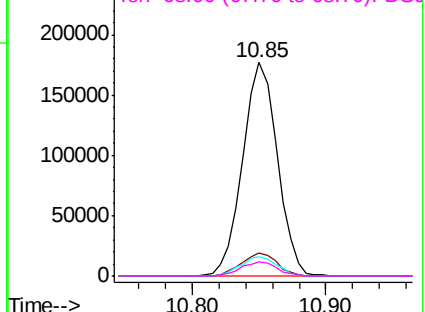
137 11.0 9.8 14.6

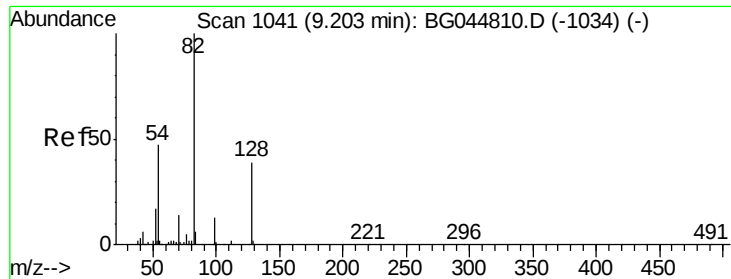
54 9.3 7.9 11.9

68 6.7 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

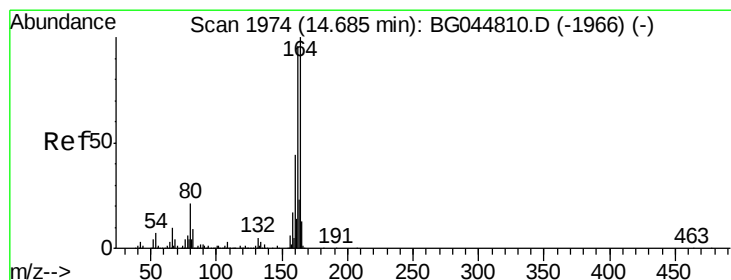
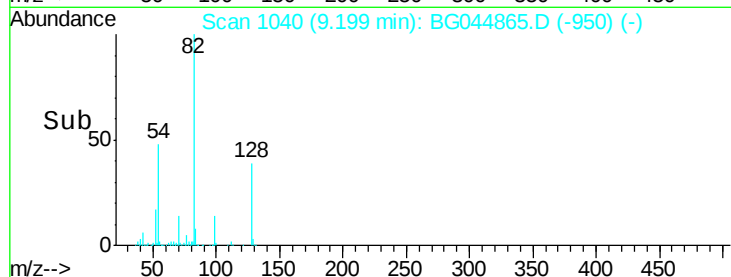
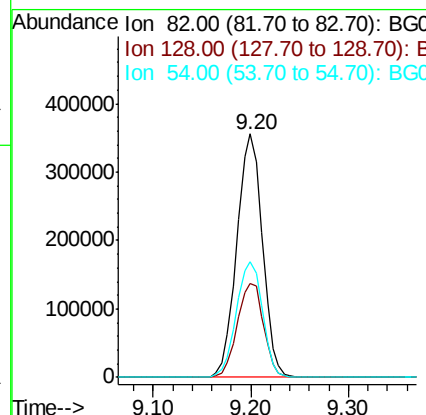
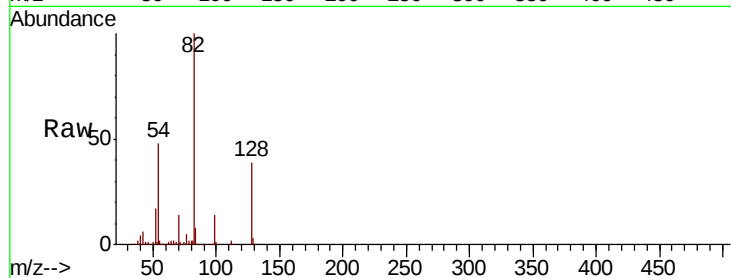




#23
 Nitrobenzene-d5
 Concen: 89.415 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044865.D
 Acq: 18 Mar 2020 14:14

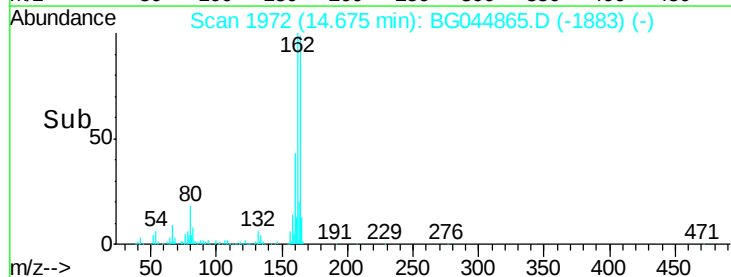
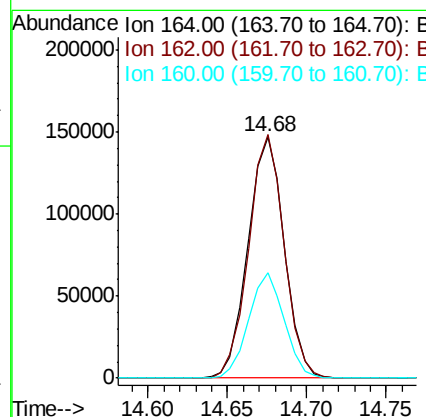
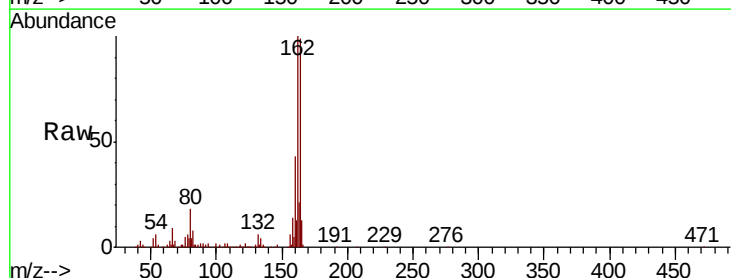
Instrument :
 BNA_G
 ClientSampleId :
 TP-10-DA

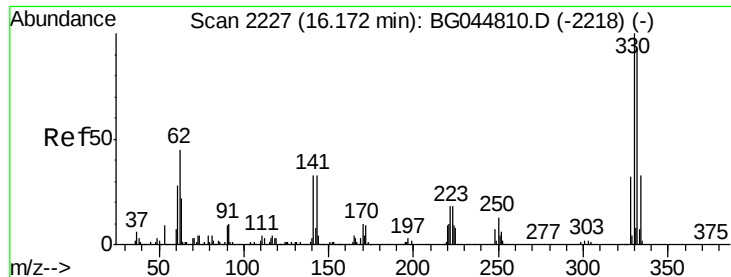
Tot Ion	82	Resp	647818
Ion Ratio	Lower	Upper	
82	100		
128	38.6	30.6	46.0
54	47.7	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044865.D
 Acq: 18 Mar 2020 14:14

Tgt Ion	164	Resp	233624
Ion Ratio	Lower	Upper	
164	100		
162	100.9	76.7	115.1
160	43.7	35.0	52.4





#42

2,4,6-Tribromophenol

Concen: 150.207 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG044865.D

Acq: 18 Mar 2020 14:14

Instrument :

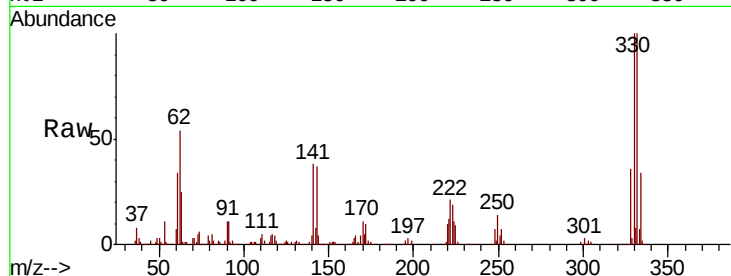
BNA_G

ClientSampleId :

TP-10-DA

Tot Ion:330 Resp: 459476

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.8	116.6
141	37.2	29.5	44.3

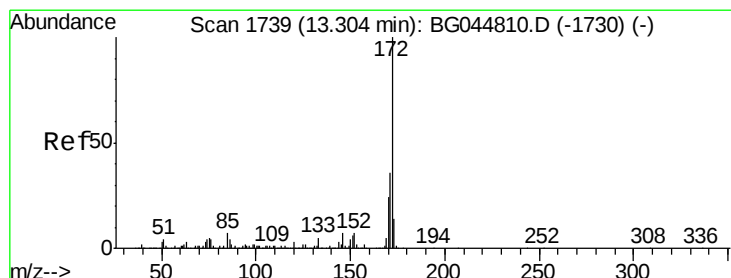
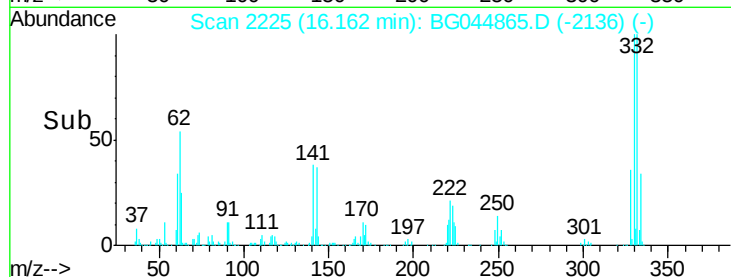
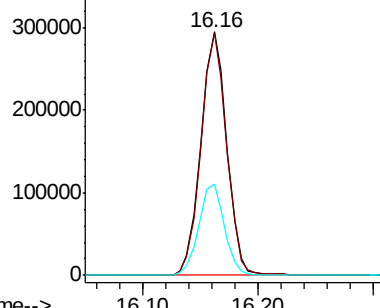


Abundance

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: 85.506 ng

RT: 13.30 min Scan# 1738

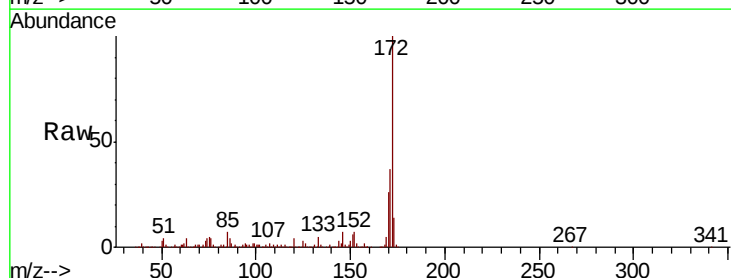
Delta R.T. -0.00 min

Lab File: BG044865.D

Acq: 18 Mar 2020 14:14

Tgt Ion:172 Resp: 1394963

Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.7	43.1
170	25.9	19.0	28.6

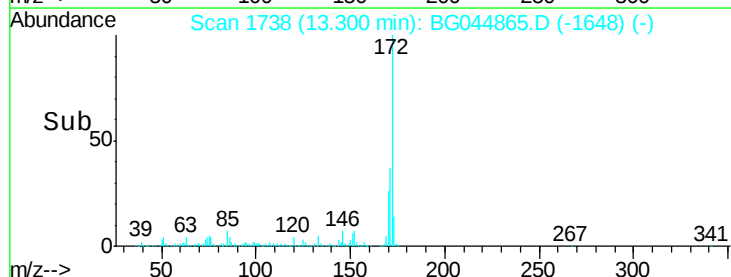
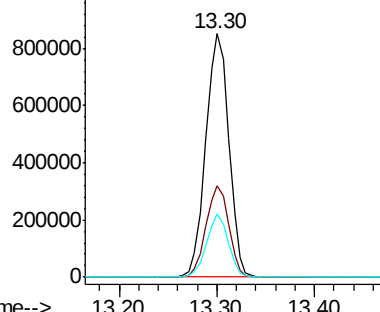


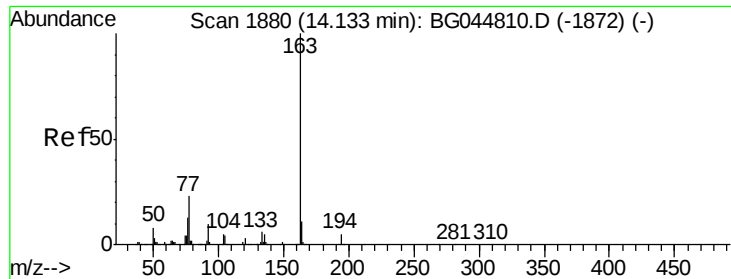
Abundance

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

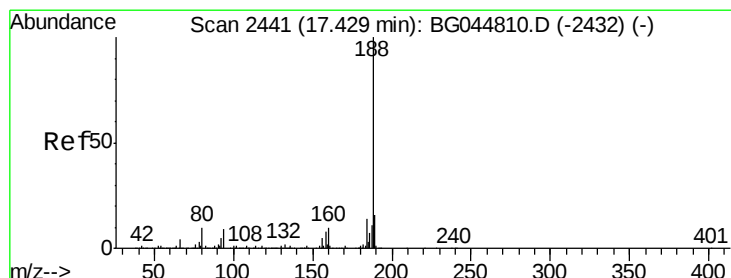
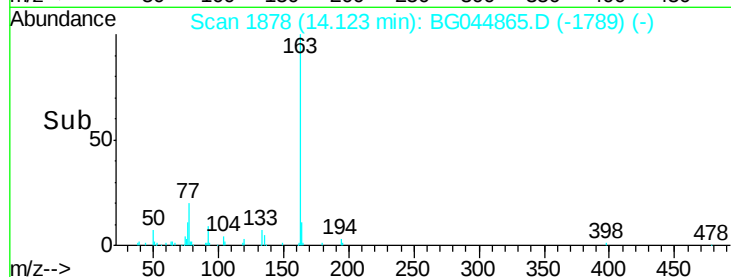
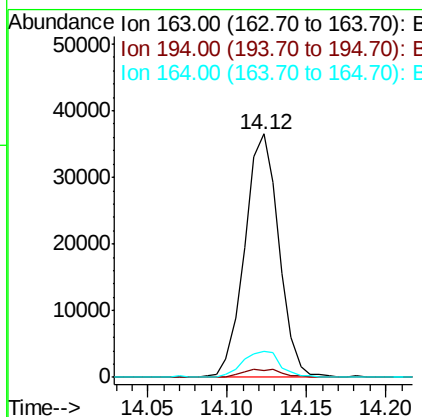
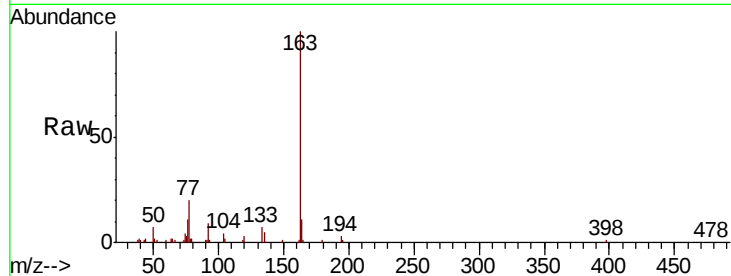




#50
Dimethylphthalate
Concen: 2.940 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG044865.D
Acq: 18 Mar 2020 14:14

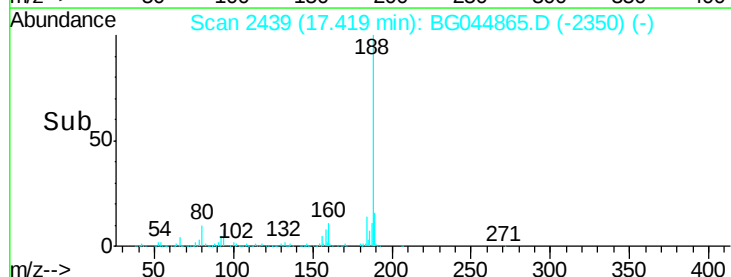
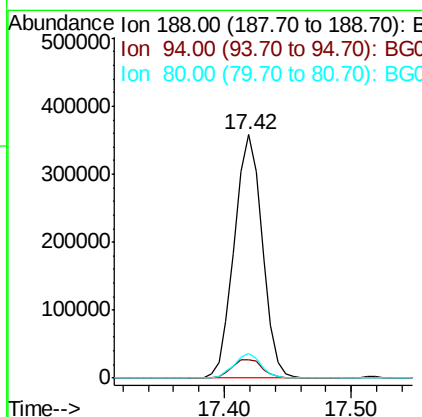
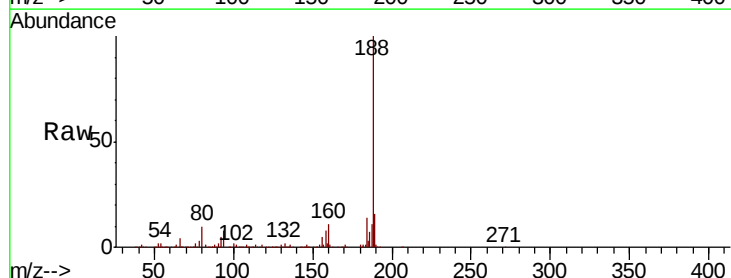
Instrument :
BNA_G
ClientSampleId :
TP-10-DA

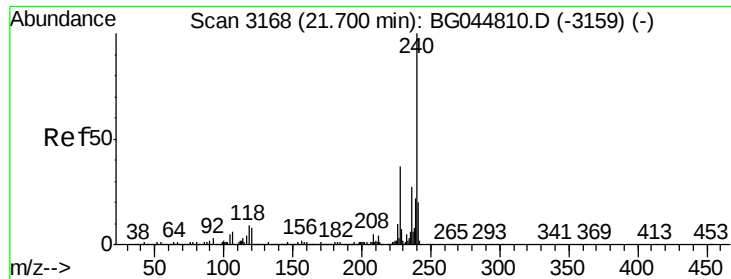
Tot Ion:163 Resp: 54703
Ion Ratio Lower Upper
163 100
194 3.0 3.7 5.5#
164 10.8 9.1 13.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044865.D
Acq: 18 Mar 2020 14:14

Tgt Ion:188 Resp: 545975
Ion Ratio Lower Upper
188 100
94 7.7 7.3 10.9
80 10.0 8.0 12.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG044865.D

Acq: 18 Mar 2020 14:14

Instrument :

BNA_G

ClientSampleId :

TP-10-DA

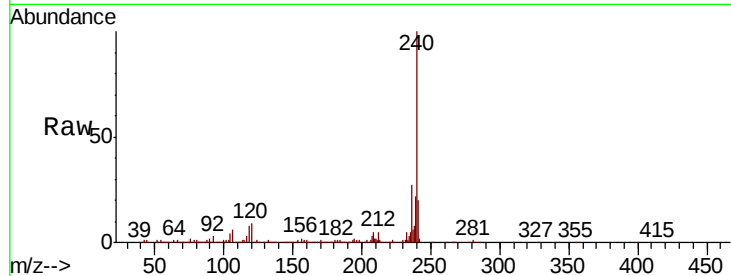
Tot Ion:240 Resp: 498297

Ion Ratio Lower Upper

240 100

120 8.5 6.7 10.1

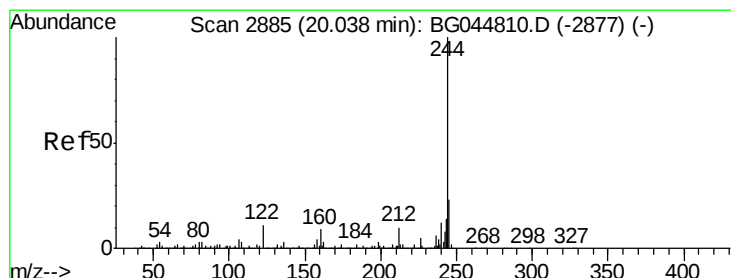
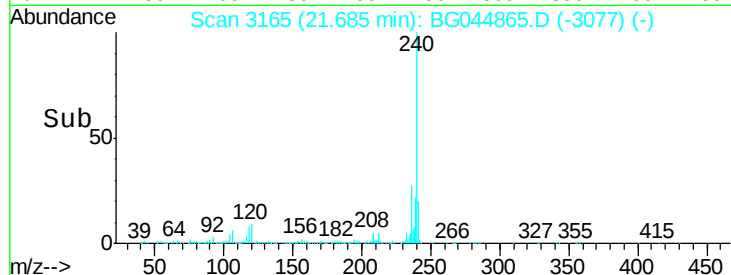
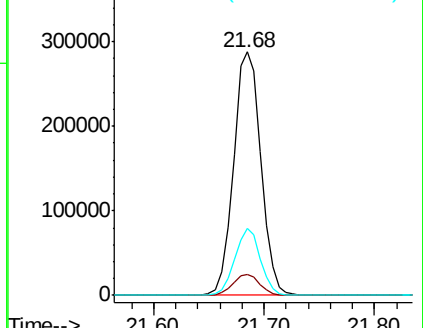
236 27.5 21.5 32.3



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: 87.513 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG044865.D

Acq: 18 Mar 2020 14:14

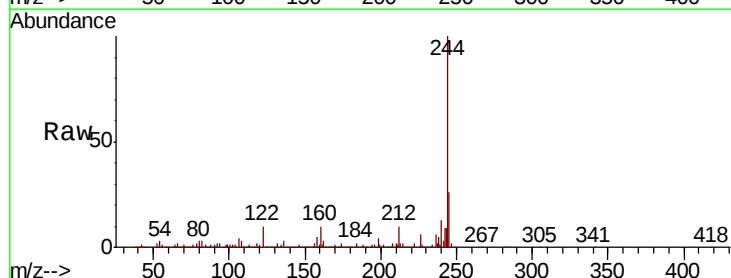
Tgt Ion:244 Resp: 2331256

Ion Ratio Lower Upper

244 100

212 10.5 7.7 11.5

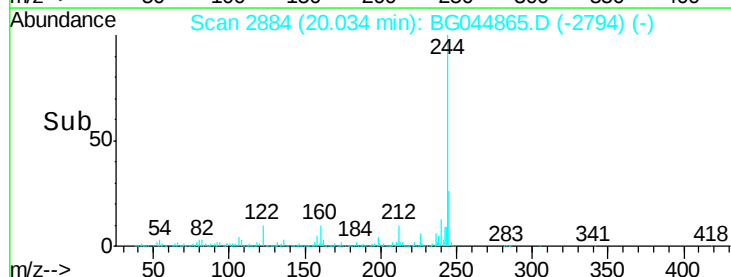
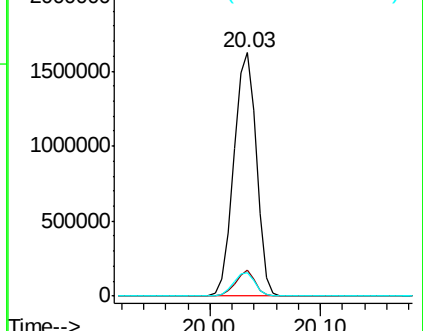
122 9.7 8.6 12.8

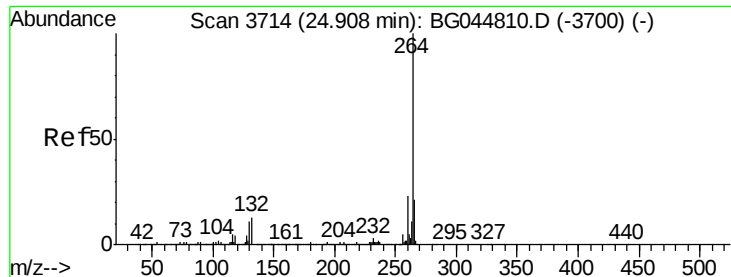


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG044865.D
Acq: 18 Mar 2020 14:14

Instrument :
BNA_G
ClientSampleId :
TP-10-DA

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.1	27.1
265	21.4	17.1	25.7

