

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
 Data File : BG044861.D
 Acq On : 18 Mar 2020 11:38
 Operator : CG/JU
 Sample : L1942-27
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5-DA

Quant Time: Mar 18 13:06:24 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

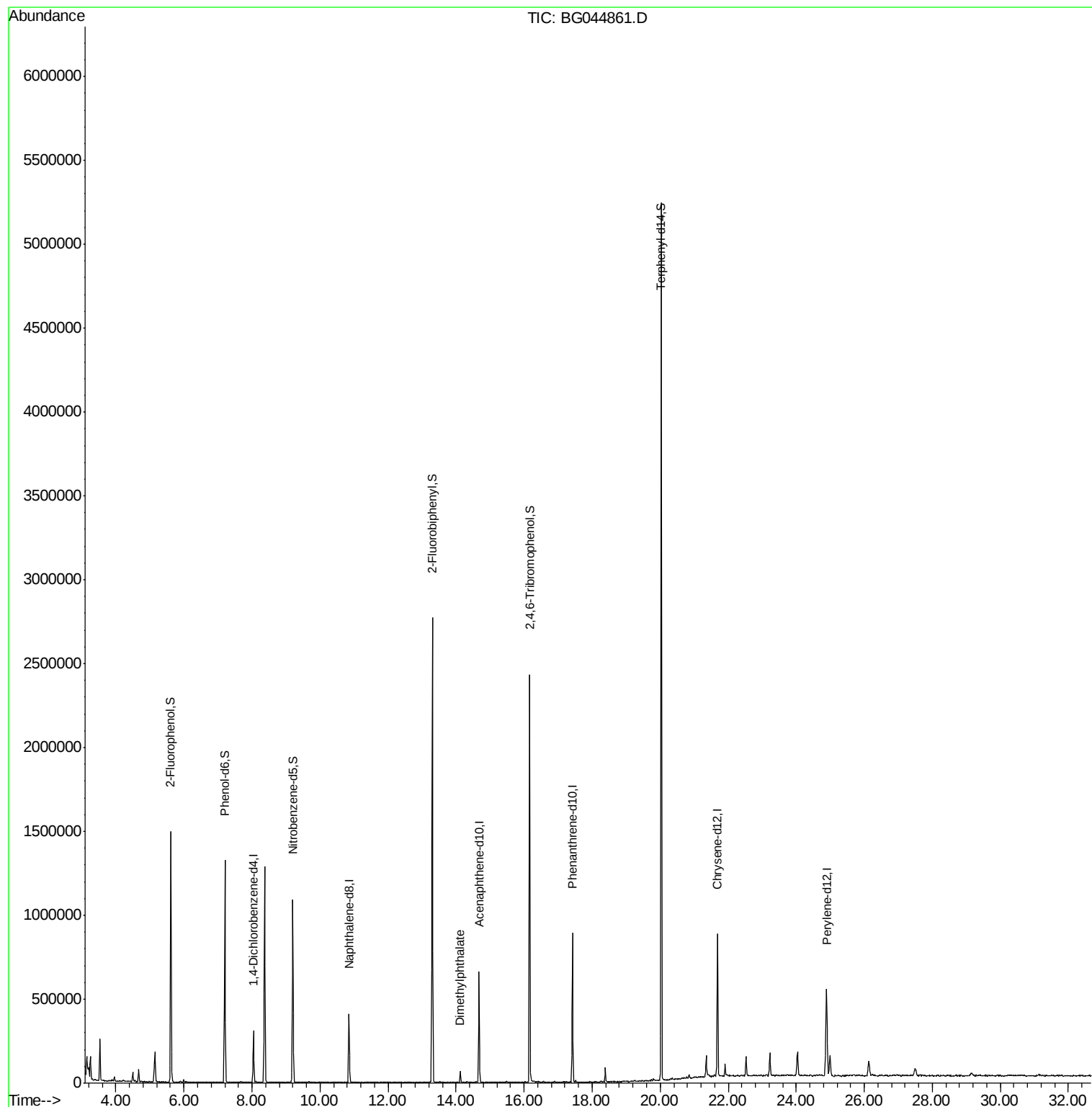
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	88113	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	347735	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	243407	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	556846	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	502225	20.00	ng	-0.02
87) Perylene-d12	24.89	264	553531	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	646537	114.22	ng	0.00
7) Phenol-d6	7.20	99	798410	97.08	ng	0.00
23) Nitrobenzene-d5	9.20	82	699749	88.30	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	477156	149.72	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1493177	87.85	ng	0.00
79) Terphenyl-d14	20.03	244	2377027	88.53	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	44214	2.281	ng	Qvalue 97

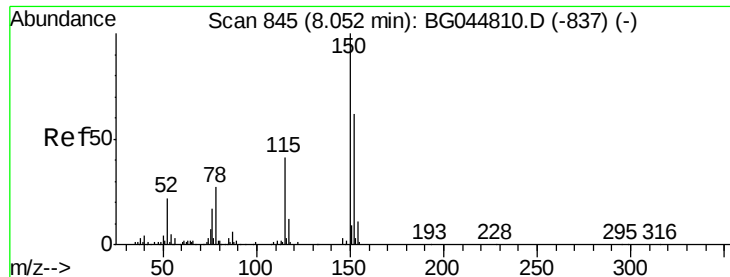
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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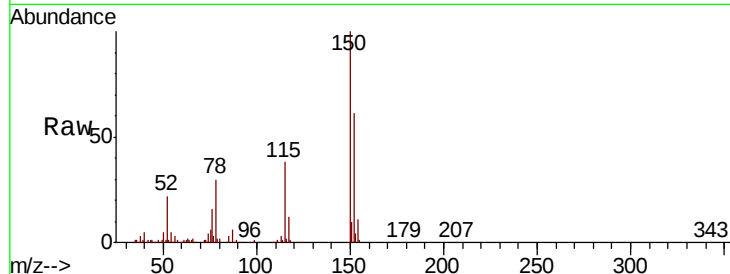


#1

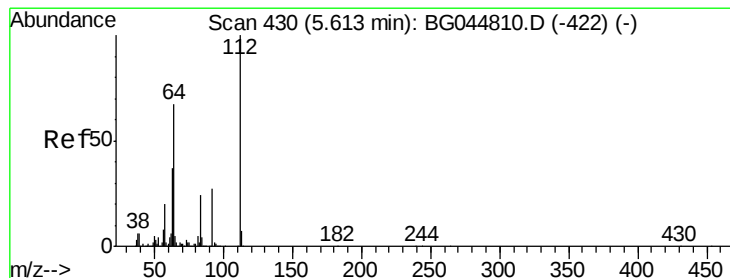
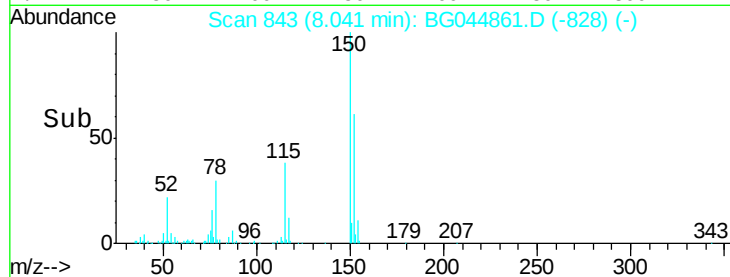
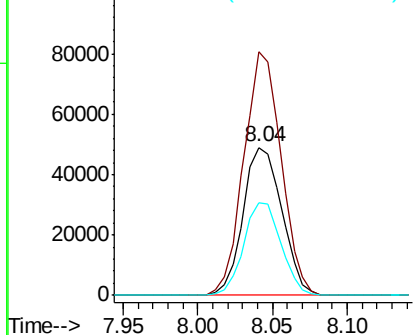
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044861.D
Acq: 18 Mar 2020 11:38

Instrument :
BNA_G
ClientSampleId :
TP-5-DA

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.4	128.8	193.2
115	62.2	52.6	79.0



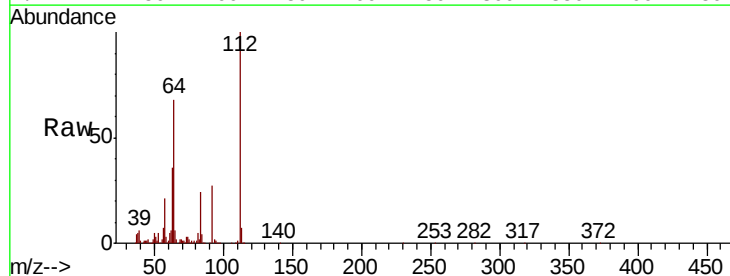
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



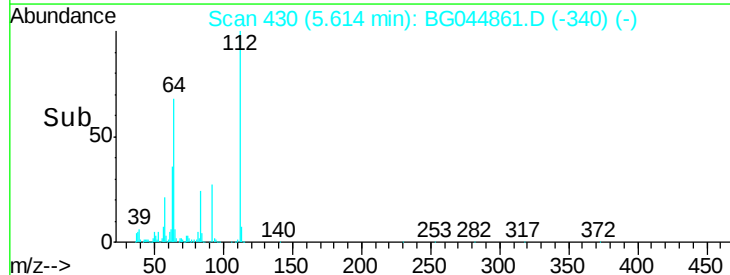
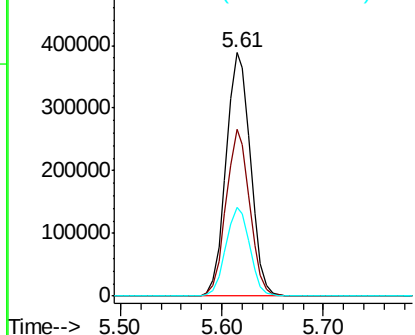
#5

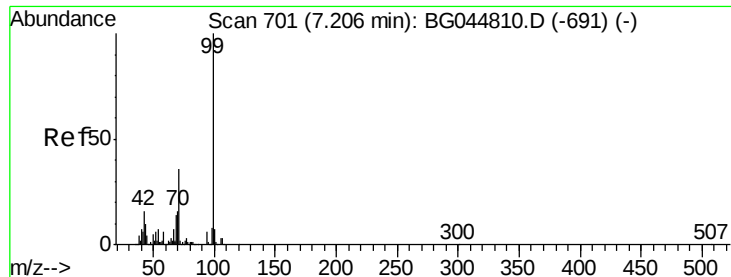
2-Fluorophenol
Concen: 114.224 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044861.D
Acq: 18 Mar 2020 11:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.3	53.4	80.2
63	36.5	29.4	44.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 97.083 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044861.D

Acq: 18 Mar 2020 11:38

Instrument :

BNA_G

ClientSampleId :

TP-5-DA

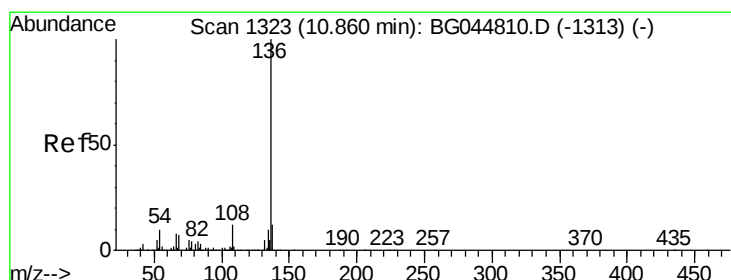
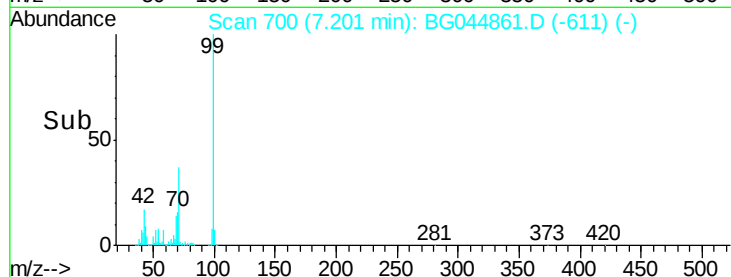
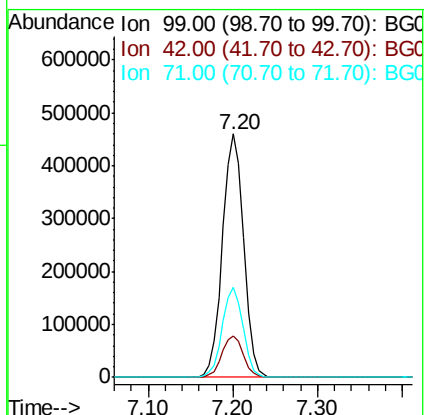
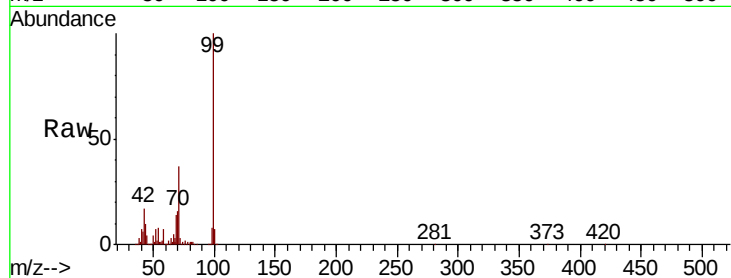
Tot Ion: 99 Resp: 798410

Ion Ratio Lower Upper

99 100

42 17.1 12.6 19.0

71 36.9 29.0 43.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG044861.D

Acq: 18 Mar 2020 11:38

Tgt Ion: 136 Resp: 347735

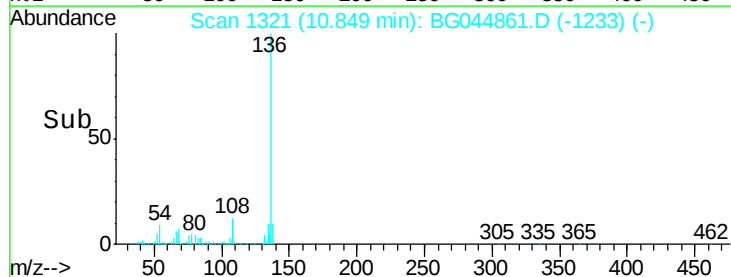
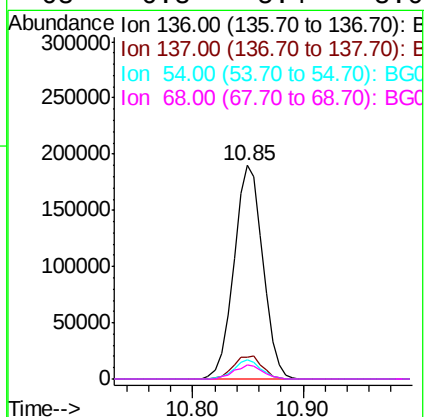
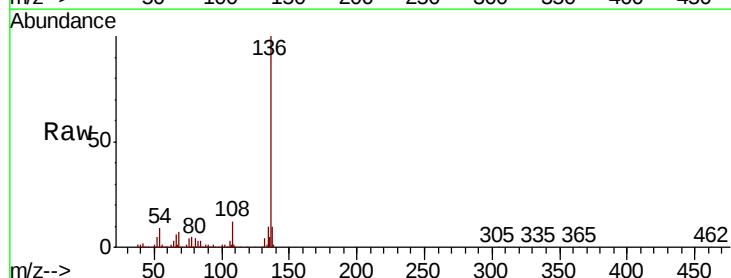
Ion Ratio Lower Upper

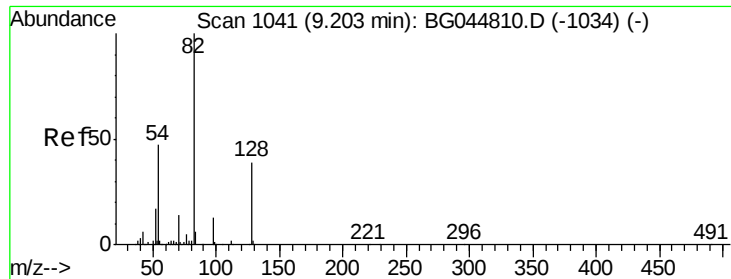
136 100

137 10.4 9.8 14.6

54 9.2 7.9 11.9

68 6.8 5.4 8.0

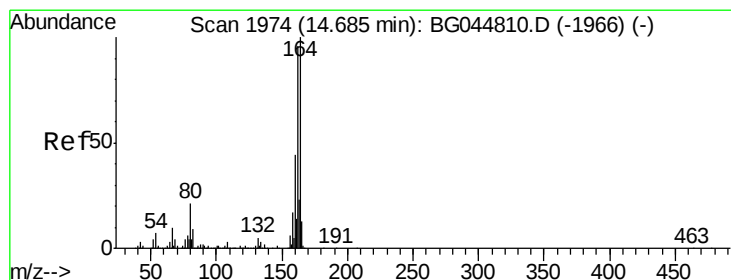
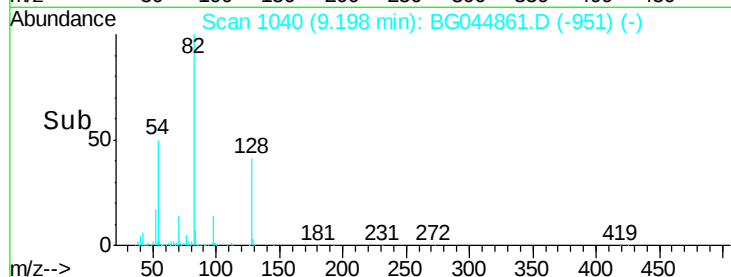
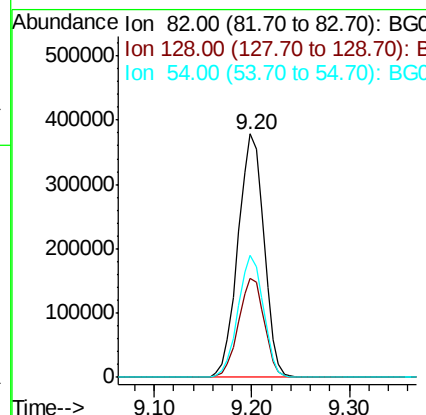
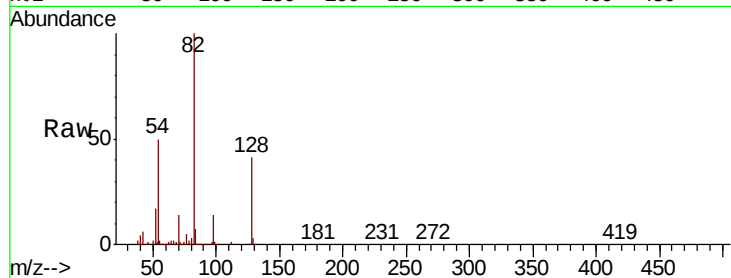




#23
 Nitrobenzene-d5
 Concen: 88.303 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044861.D
 Acq: 18 Mar 2020 11:38

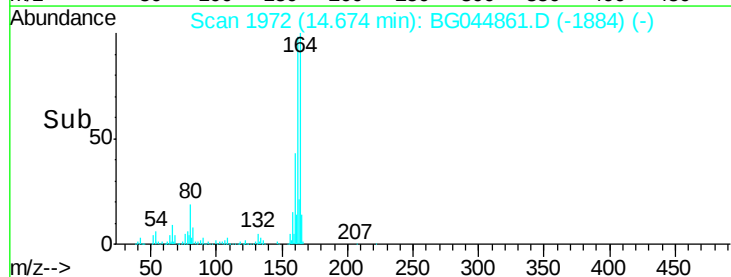
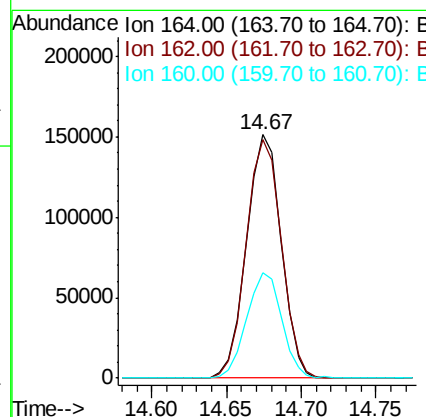
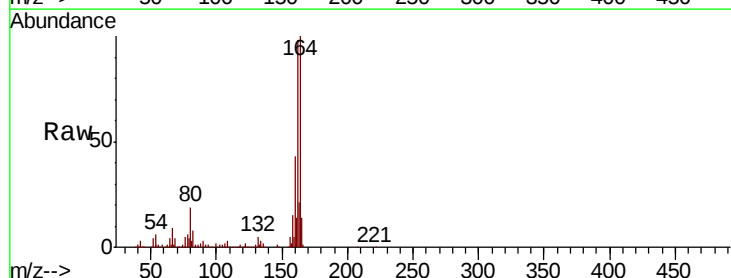
Instrument :
 BNA_G
 ClientSampleId :
 TP-5-DA

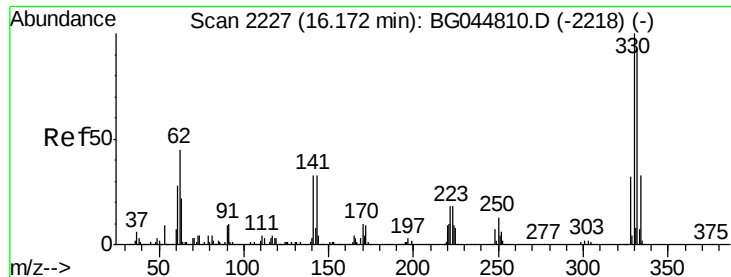
Tot Ion	82	Resp	699749
Ion Ratio	Lower	Upper	
82	100		
128	40.9	30.6	46.0
54	50.1	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044861.D
 Acq: 18 Mar 2020 11:38

Tgt Ion	164	Resp	243407
Ion Ratio	Lower	Upper	
164	100		
162	98.0	76.7	115.1
160	43.3	35.0	52.4





#42

2,4,6-Tribromophenol

Concen: 149.718 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG044861.D

Acq: 18 Mar 2020 11:38

Instrument :

BNA_G

ClientSampleId :

TP-5-DA

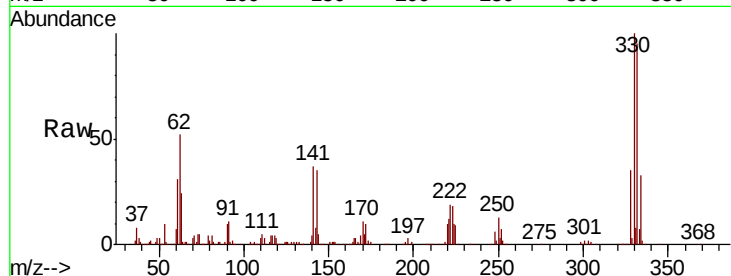
Tot Ion:330 Resp: 477156

Ion Ratio Lower Upper

330 100

332 96.6 77.8 116.6

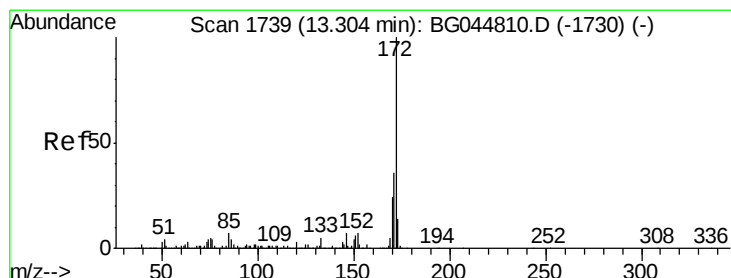
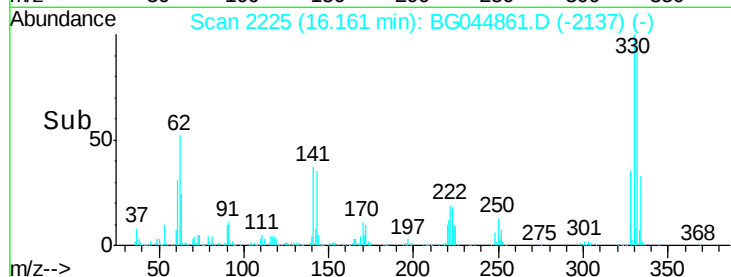
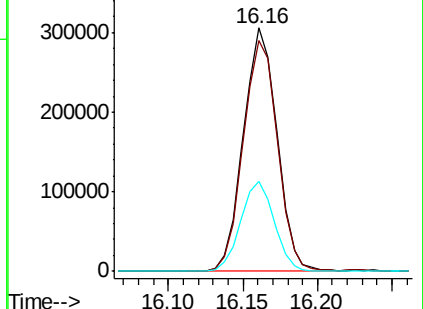
141 37.1 29.5 44.3



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: 87.848 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.00 min

Lab File: BG044861.D

Acq: 18 Mar 2020 11:38

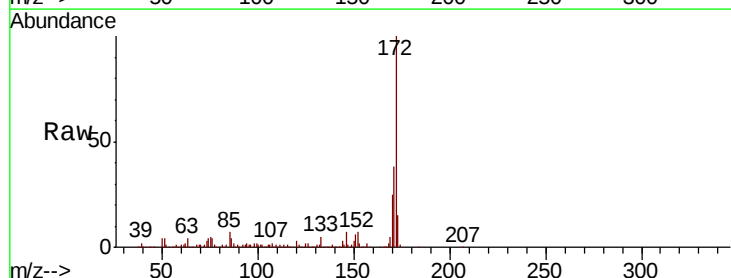
Tgt Ion:172 Resp: 1493177

Ion Ratio Lower Upper

172 100

171 37.8 28.7 43.1

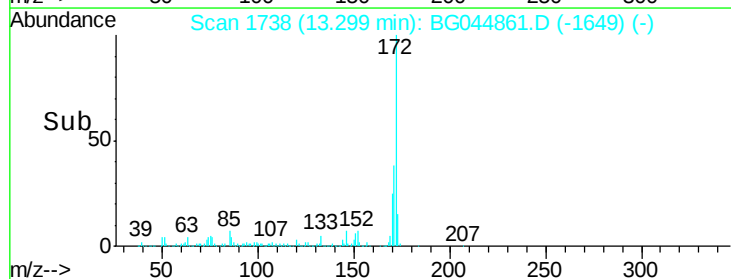
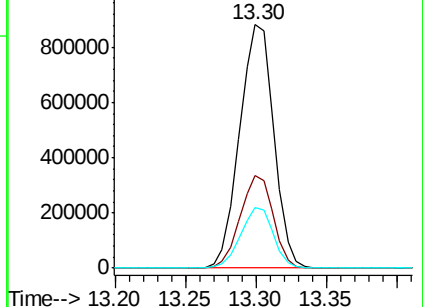
170 25.1 19.0 28.6

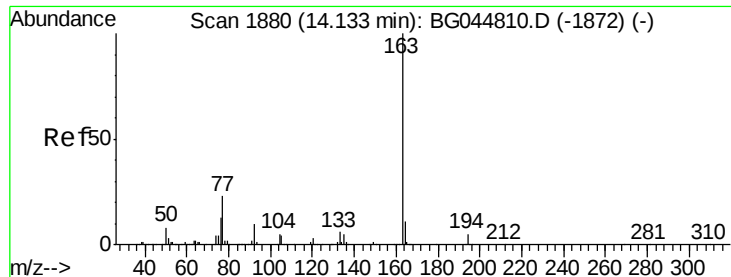


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.281 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG044861.D

Acq: 18 Mar 2020 11:38

Instrument :

BNA_G

ClientSampleId :

TP-5-DA

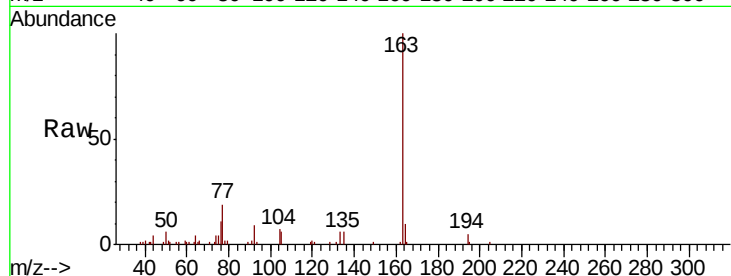
Tot Ion:163 Resp: 44214

Ion Ratio Lower Upper

163 100

194 4.7 3.7 5.5

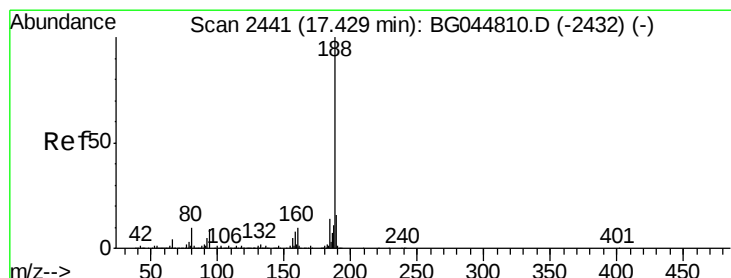
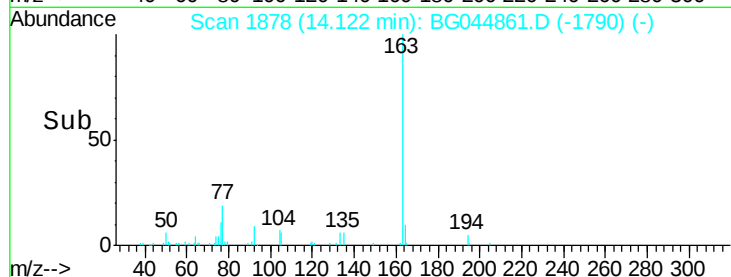
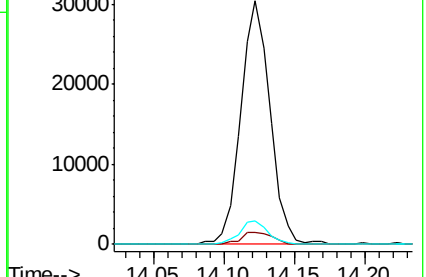
164 9.7 9.1 13.7



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: BG044861.D

Acq: 18 Mar 2020 11:38

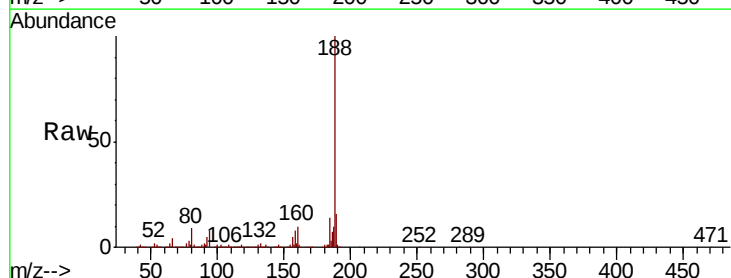
Tgt Ion:188 Resp: 556846

Ion Ratio Lower Upper

188 100

94 8.4 7.3 10.9

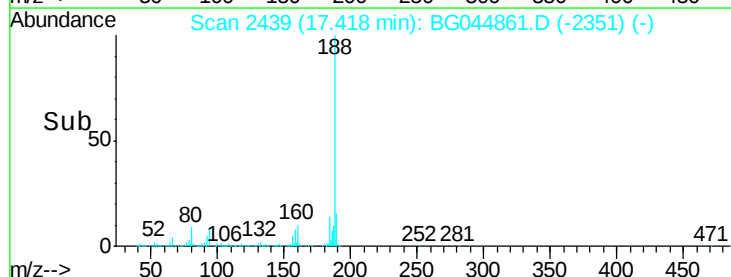
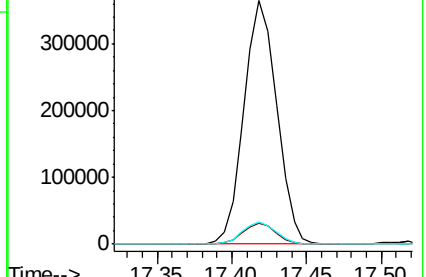
80 8.9 8.0 12.0

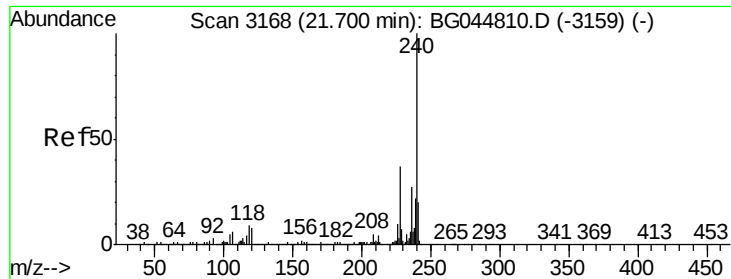


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG044861.D

Acq: 18 Mar 2020 11:38

Instrument :

BNA_G

ClientSampleId :

TP-5-DA

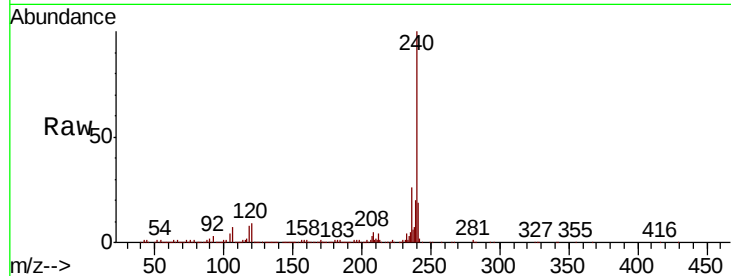
Tot Ion:240 Resp: 502225

Ion Ratio Lower Upper

240 100

120 9.3 6.7 10.1

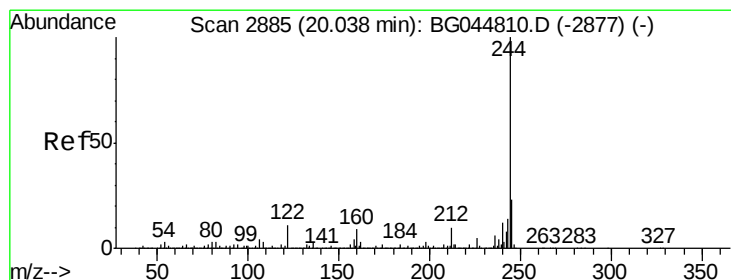
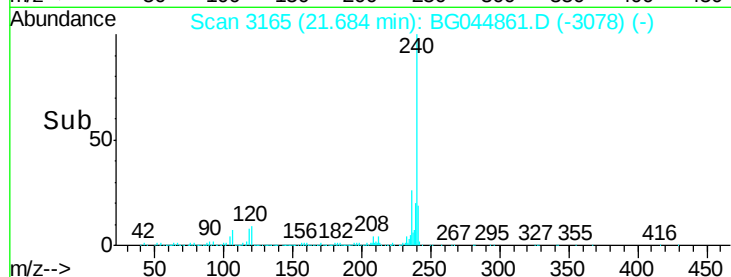
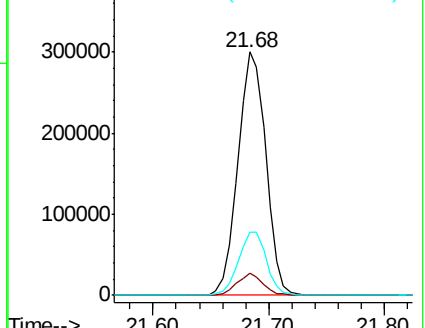
236 25.8 21.5 32.3



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: 88.533 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG044861.D

Acq: 18 Mar 2020 11:38

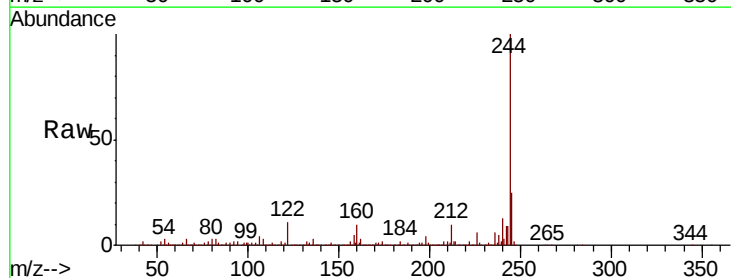
Tgt Ion:244 Resp: 2377027

Ion Ratio Lower Upper

244 100

212 10.2 7.7 11.5

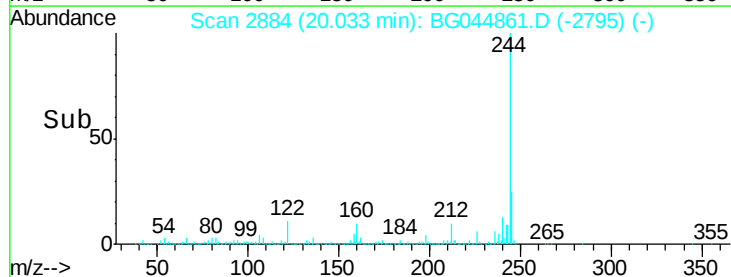
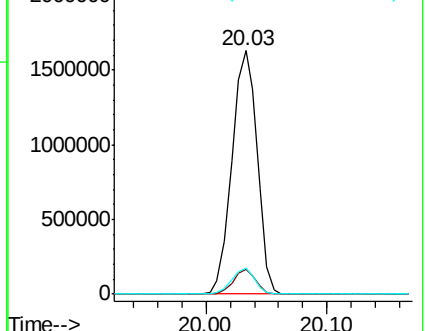
122 10.8 8.6 12.8

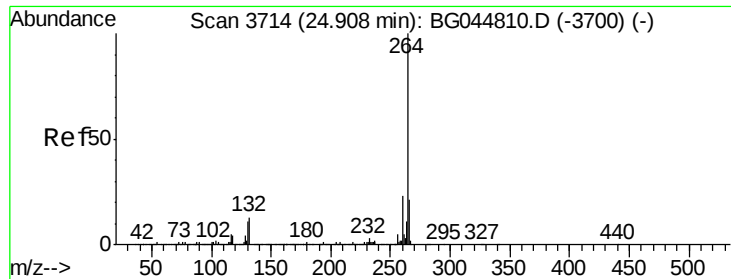


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG044861.D
Acq: 18 Mar 2020 11:38

Instrument :
BNA_G
ClientSampleId :
TP-5-DA

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.1	27.1
265	22.3	17.1	25.7

