

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
 Data File : BG044864.D
 Acq On : 18 Mar 2020 13:35
 Operator : CG/JU
 Sample : L1942-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-SA

Quant Time: Mar 18 16:23:07 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

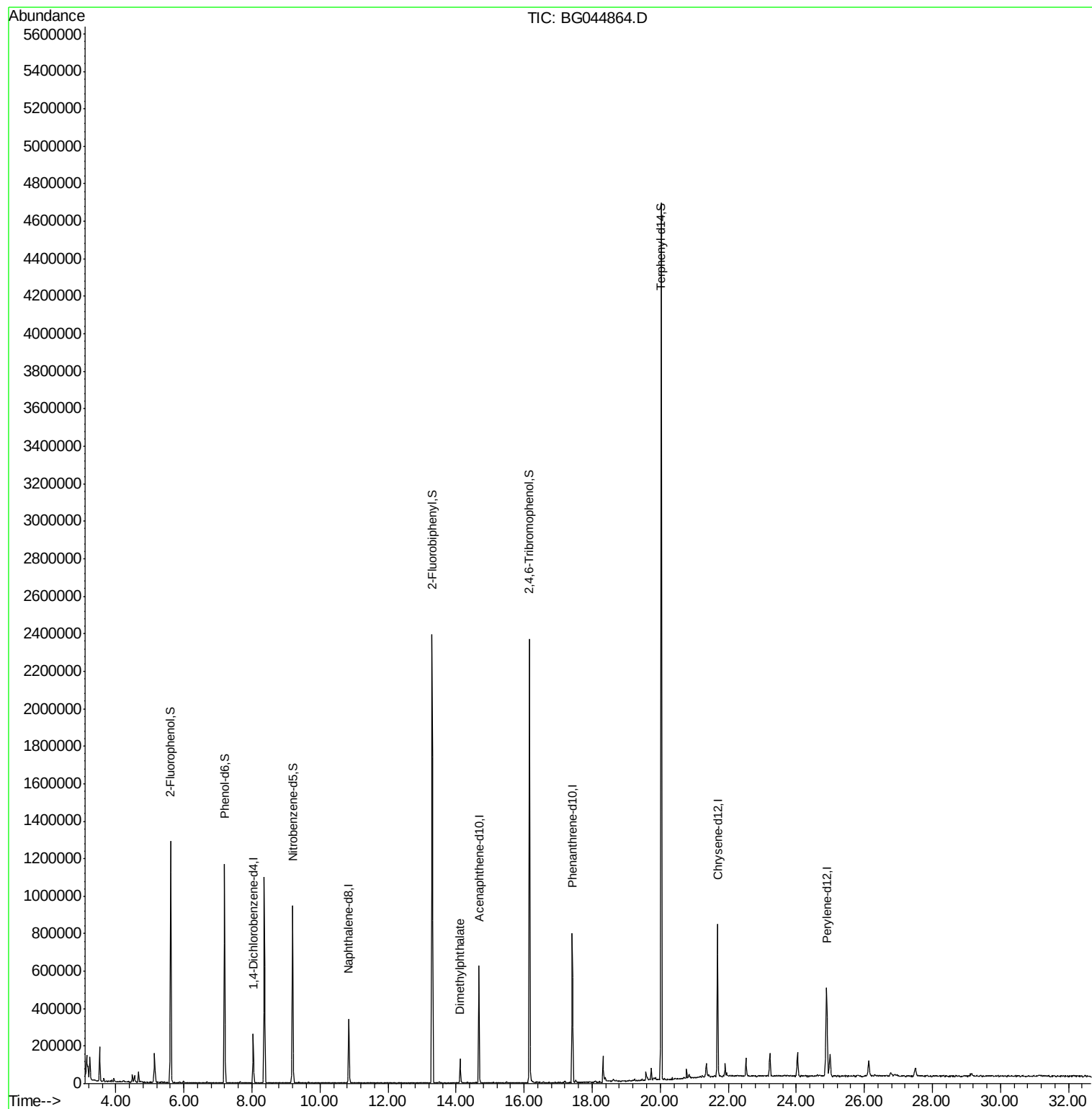
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	72413	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	300481	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	218327	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	522075	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	473831	20.00	ng	-0.01
87) Perylene-d12	24.90	264	523560	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	550761	118.40	ng	0.00
7) Phenol-d6	7.20	99	706291	104.50	ng	0.00
23) Nitrobenzene-d5	9.20	82	606760	88.61	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	451763	158.03	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1308764	85.84	ng	0.00
79) Terphenyl-d14	20.03	244	2228849	87.99	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	87850	5.052	ng	Qvalue 99

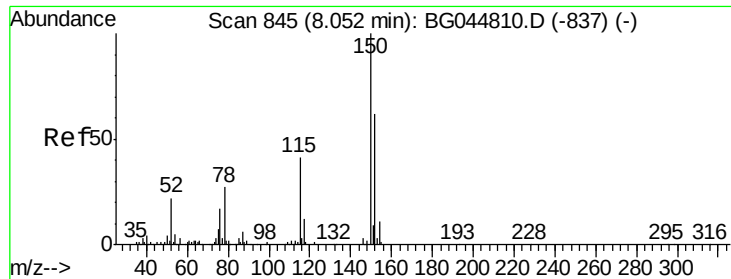
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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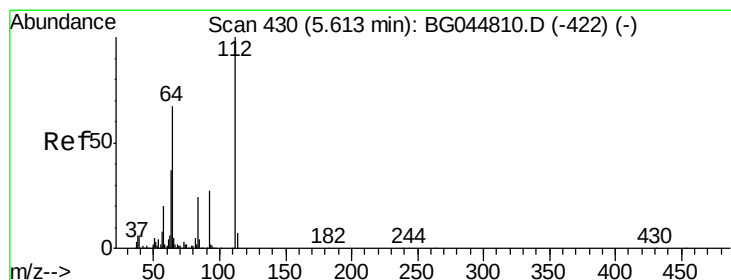
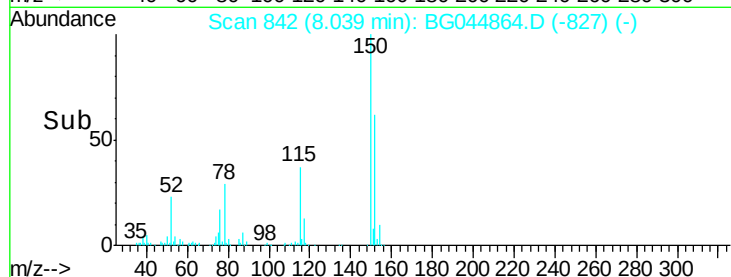
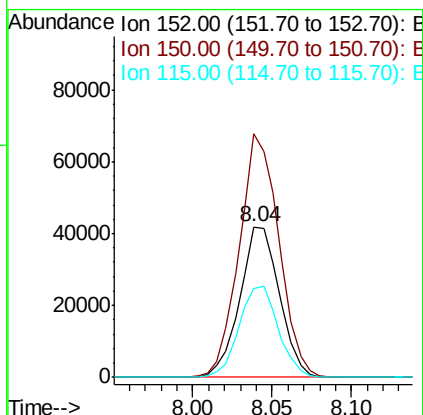
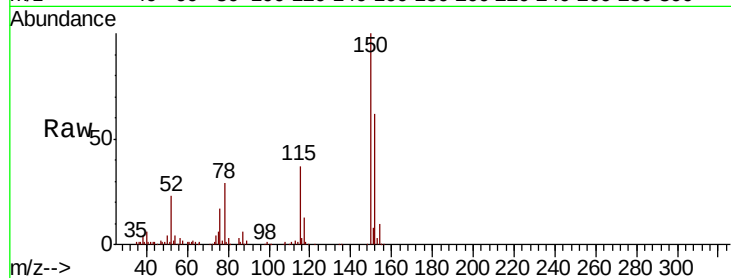


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BG044864.D
Acq: 18 Mar 2020 13:35

Instrument :
BNA_G
ClientSampleId :
TP-3-SA

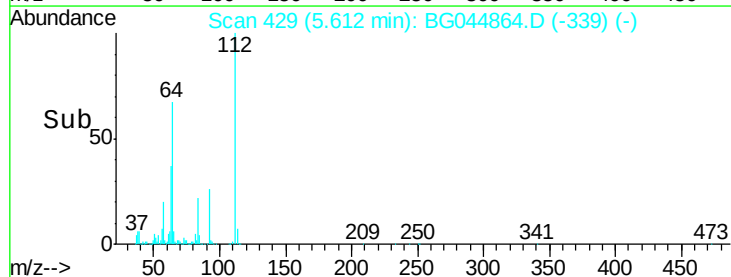
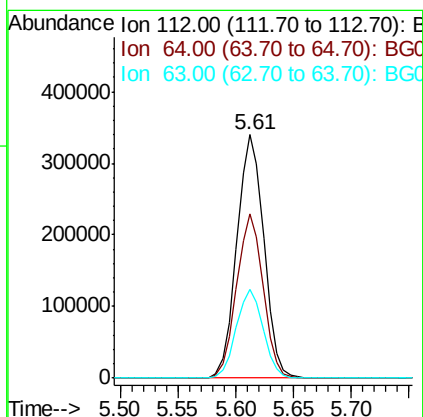
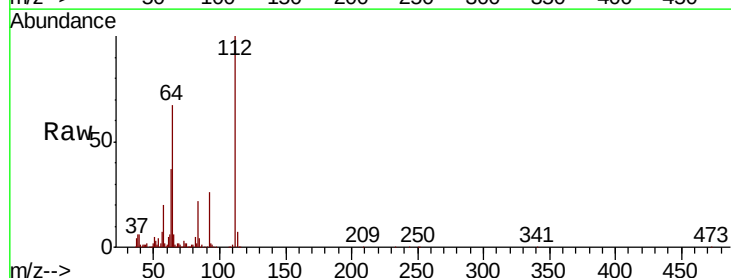
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	128.8	193.2
115	59.2	52.6	79.0

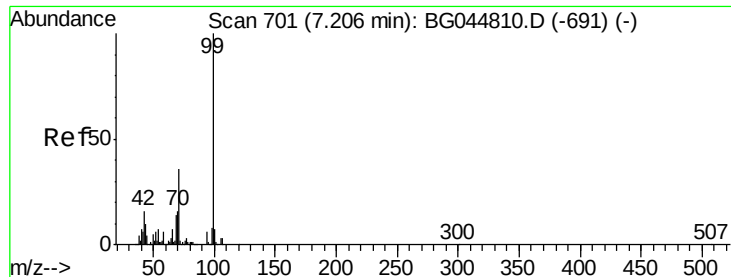


#5

2-Fluorophenol
Concen: 118.399 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG044864.D
Acq: 18 Mar 2020 13:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	53.4	80.2
63	36.5	29.4	44.2





#7

Phenol-d6

Concen: 104.502 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG044864.D

Acq: 18 Mar 2020 13:35

Instrument :

BNA_G

ClientSampleId :

TP-3-SA

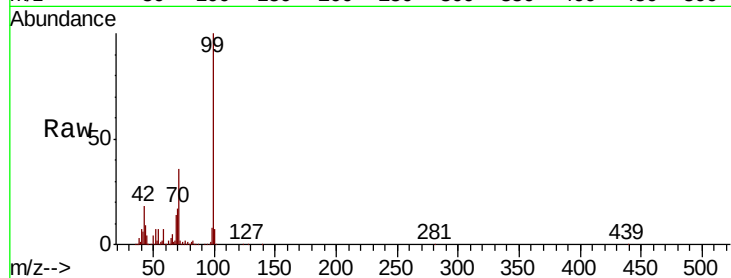
Tot Ion: 99 Resp: 706291

Ion Ratio Lower Upper

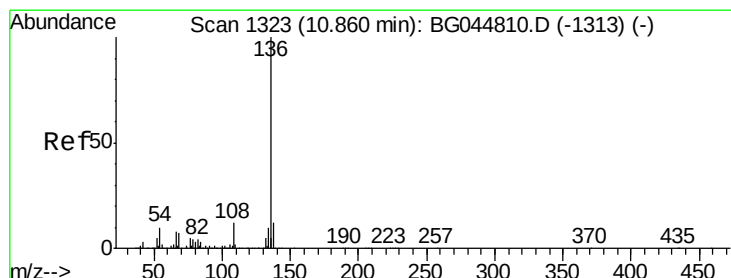
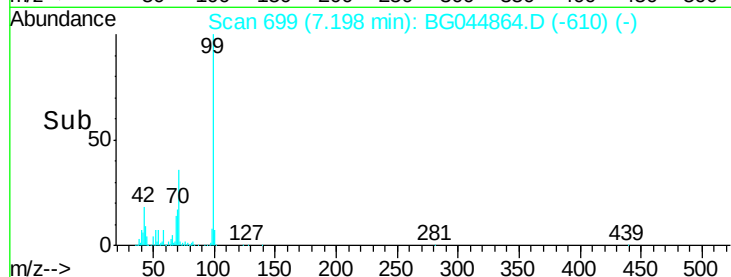
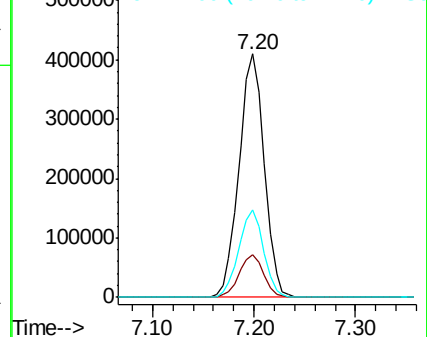
99 100

42 17.6 12.6 19.0

71 35.7 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# 1320

Delta R.T. -0.01 min

Lab File: BG044864.D

Acq: 18 Mar 2020 13:35

Tgt Ion: 136 Resp: 300481

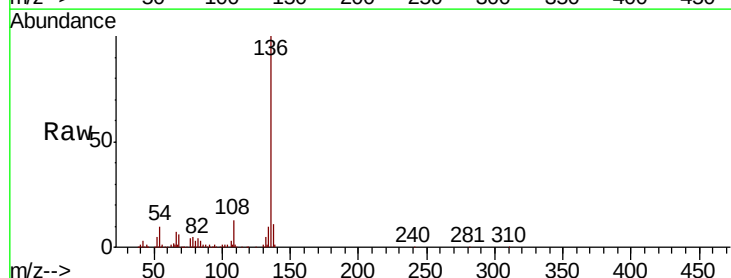
Ion Ratio Lower Upper

136 100

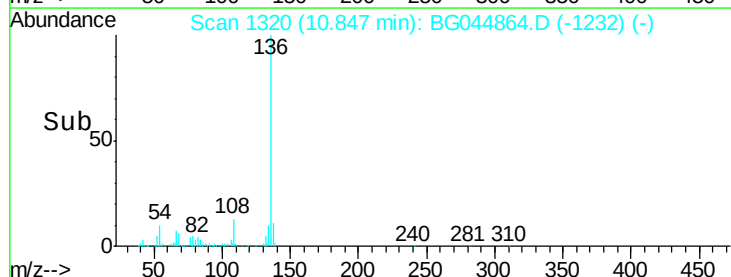
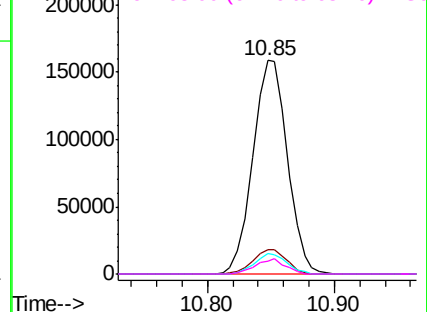
137 11.4 9.8 14.6

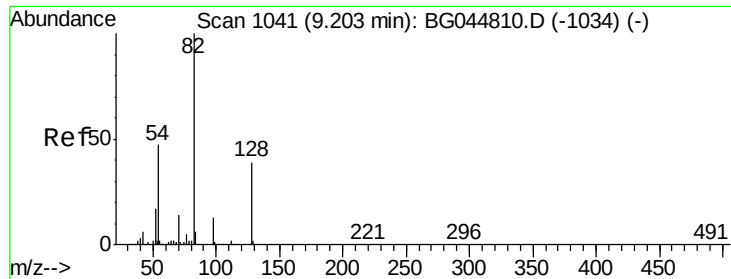
54 9.5 7.9 11.9

68 6.1 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

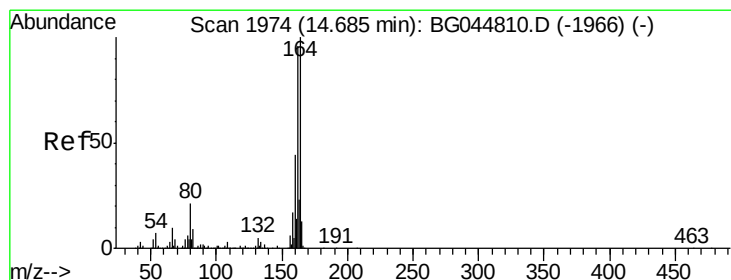
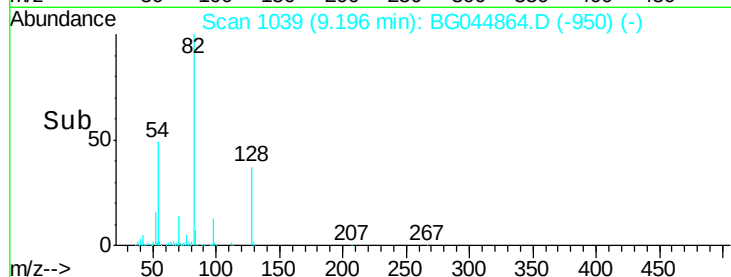
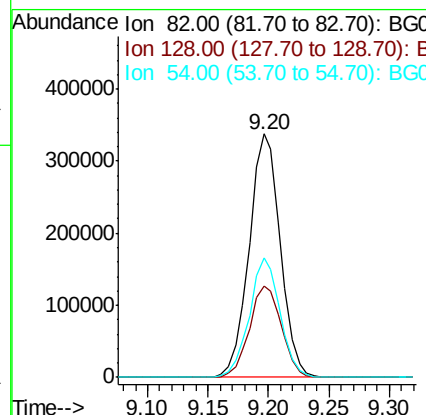
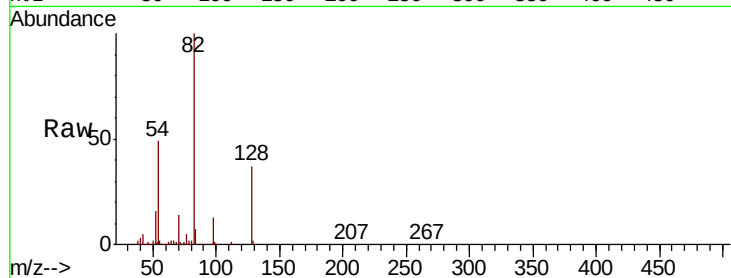




#23
 Nitrobenzene-d5
 Concen: 88.609 ng
 RT: 9.20 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BG044864.D
 Acq: 18 Mar 2020 13:35

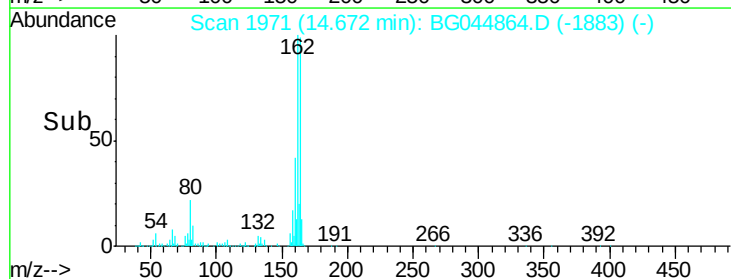
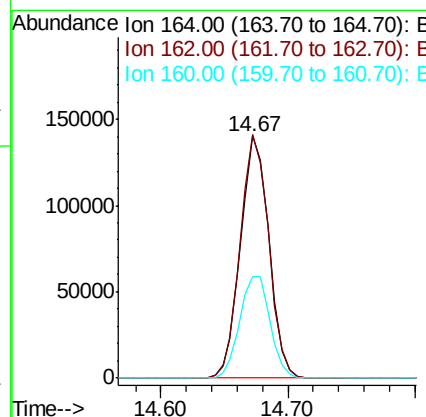
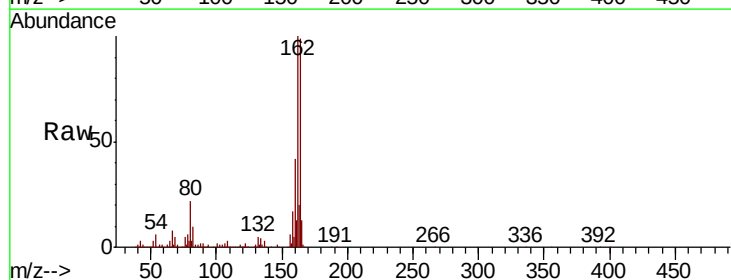
Instrument :
 BNA_G
 ClientSampleId :
 TP-3-SA

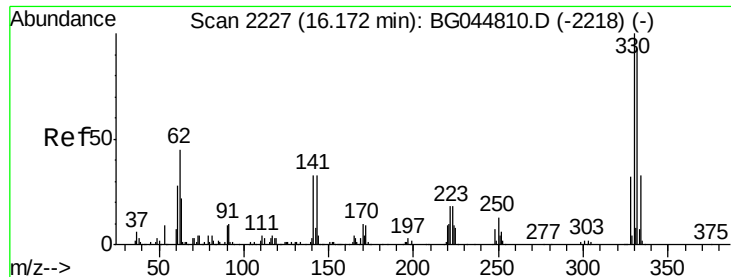
Tot Ion	82	Resp	606760
Ion Ratio	Lower	Upper	
82	100		
128	37.5	30.6	46.0
54	49.2	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: BG044864.D
 Acq: 18 Mar 2020 13:35

Tgt Ion	164	Resp	218327
Ion Ratio	Lower	Upper	
164	100		
162	100.7	76.7	115.1
160	42.1	35.0	52.4





#42

2,4,6-Tribromophenol

Concen: 158.033 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG044864.D

Acq: 18 Mar 2020 13:35

Instrument :

BNA_G

ClientSampleId :

TP-3-SA

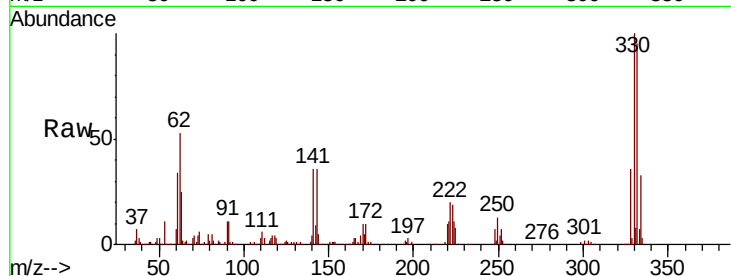
Tot Ion:330 Resp: 451763

Ion Ratio Lower Upper

330 100

332 96.8 77.8 116.6

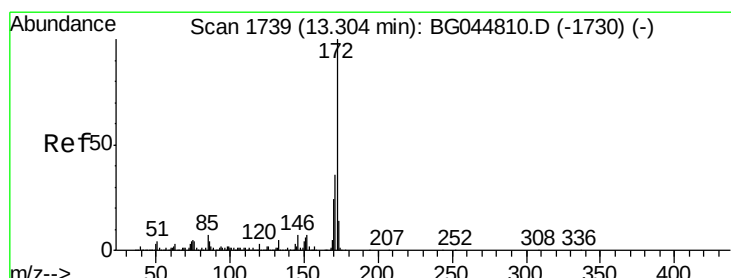
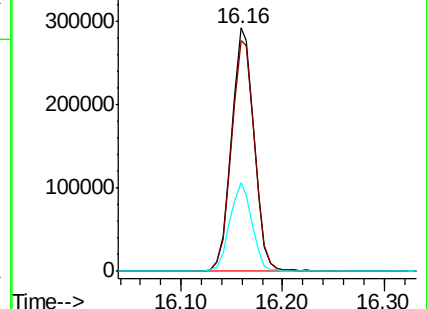
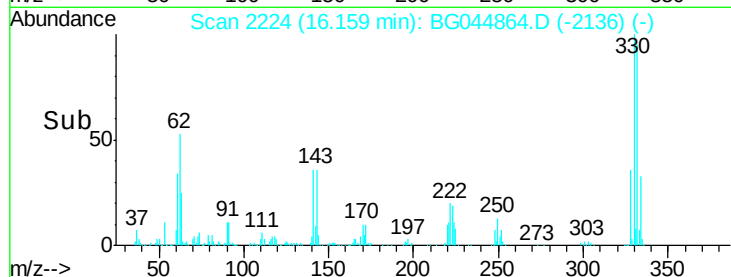
141 35.9 29.5 44.3



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: 85.843 ng

RT: 13.30 min Scan# 1737

Delta R.T. -0.01 min

Lab File: BG044864.D

Acq: 18 Mar 2020 13:35

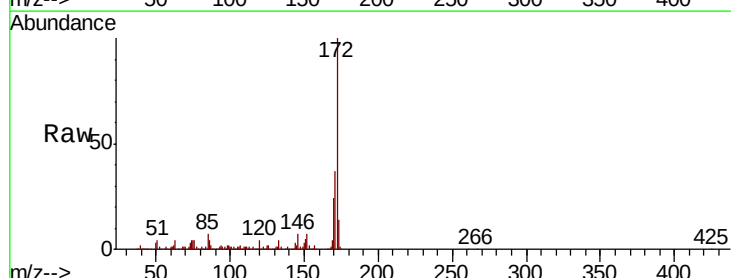
Tgt Ion:172 Resp: 1308764

Ion Ratio Lower Upper

172 100

171 37.0 28.7 43.1

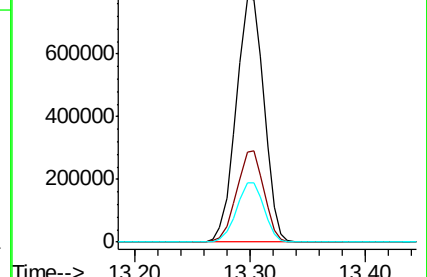
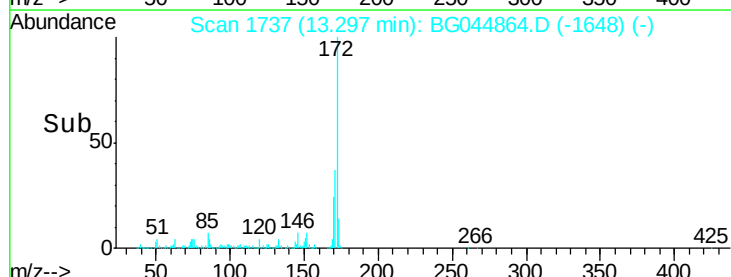
170 24.4 19.0 28.6

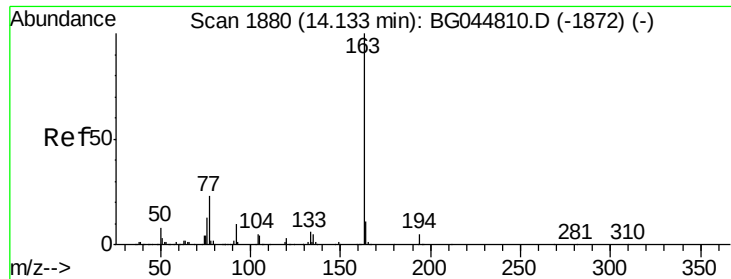


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.052 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG044864.D

Acq: 18 Mar 2020 13:35

Instrument :

BNA_G

ClientSampleId :

TP-3-SA

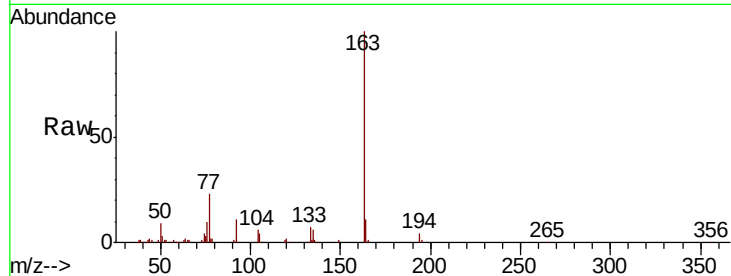
Tot Ion:163 Resp: 87850

Ion Ratio Lower Upper

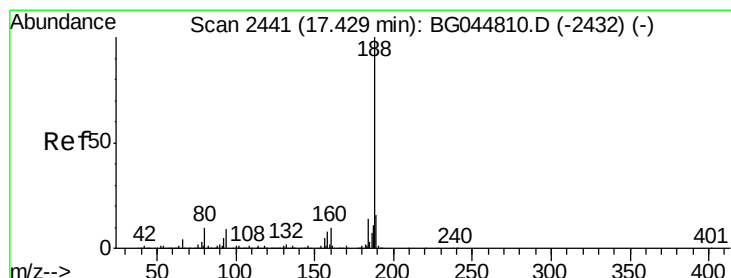
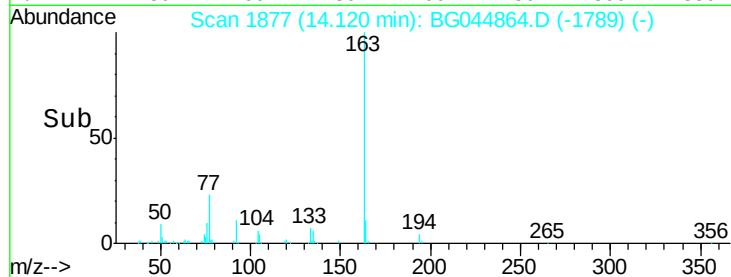
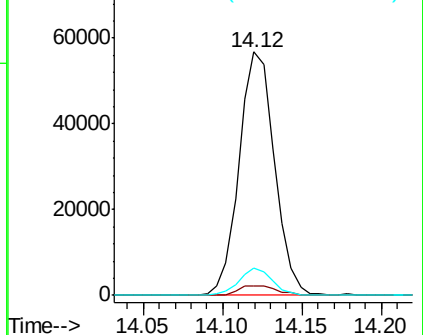
163 100

194 3.9 3.7 5.5

164 11.1 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# 2438

Delta R.T. -0.01 min

Lab File: BG044864.D

Acq: 18 Mar 2020 13:35

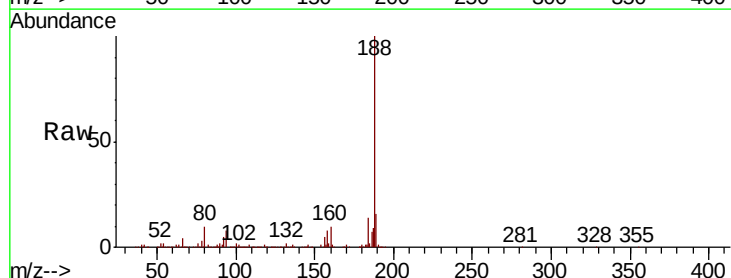
Tgt Ion:188 Resp: 522075

Ion Ratio Lower Upper

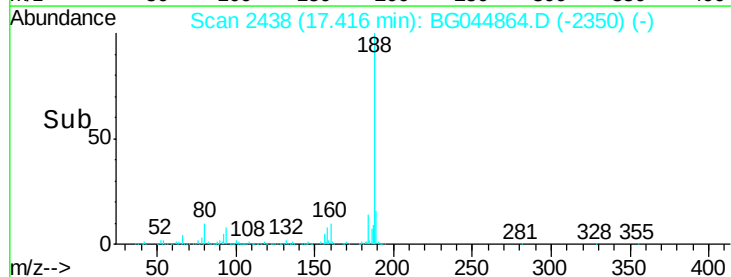
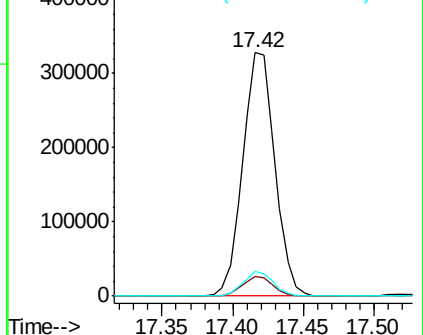
188 100

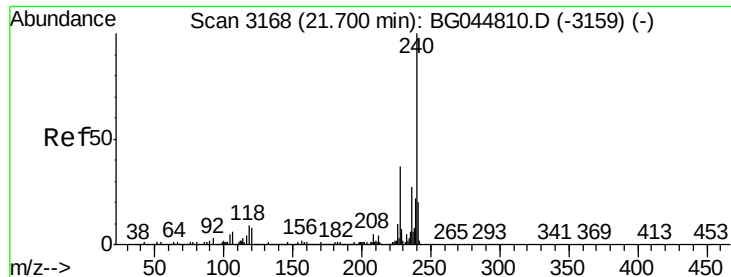
94 8.2 7.3 10.9

80 10.4 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

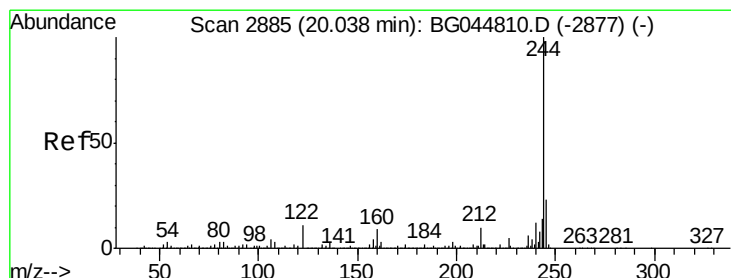
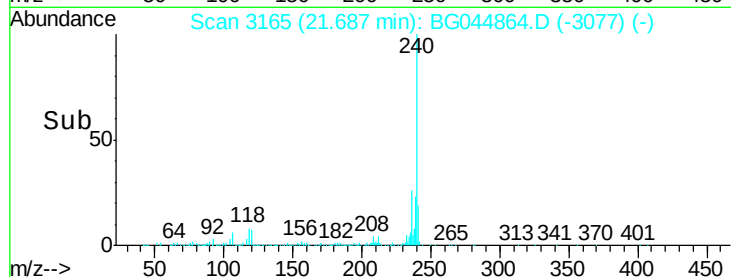
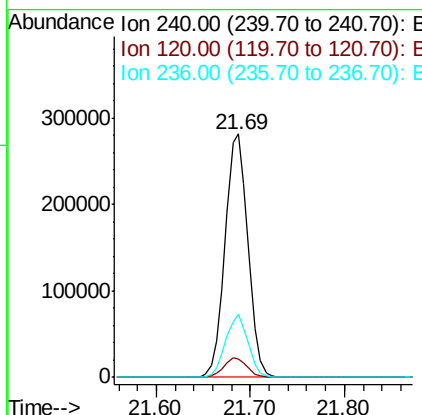
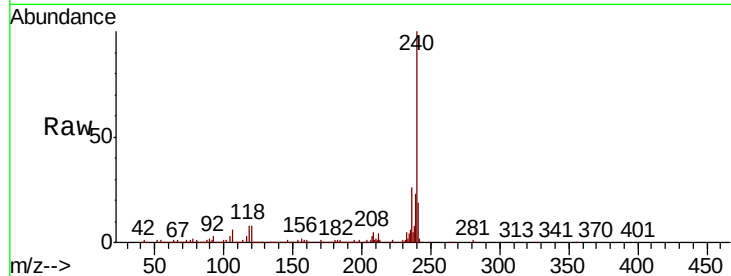




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG044864.D
Acq: 18 Mar 2020 13:35

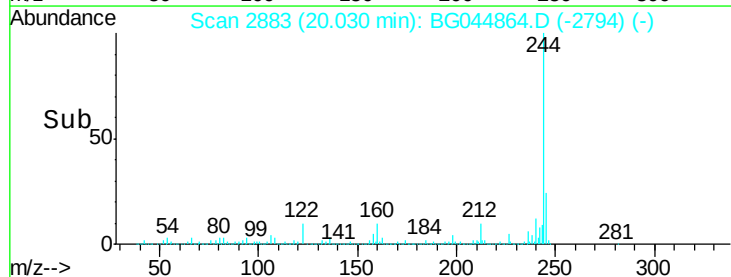
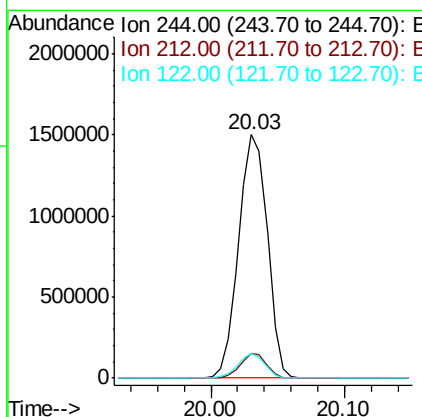
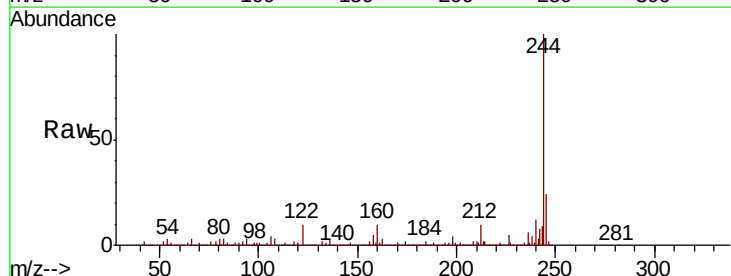
Instrument :
BNA_G
ClientSampleId :
TP-3-SA

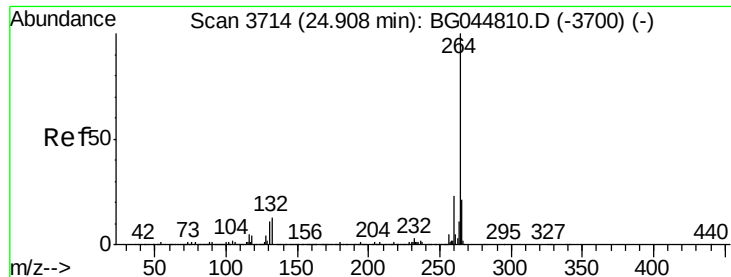
Tot Ion:240 Resp: 473831
Ion Ratio Lower Upper
240 100
120 7.5 6.7 10.1
236 26.0 21.5 32.3



#79
Terphenyl-d14
Concen: 87.989 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.01 min
Lab File: BG044864.D
Acq: 18 Mar 2020 13:35

Tgt Ion:244 Resp: 2228849
Ion Ratio Lower Upper
244 100
212 10.0 7.7 11.5
122 10.2 8.6 12.8





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3711
 Delta R.T. -0.01 min
 Lab File: BG044864.D
 Acq: 18 Mar 2020 13:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-SA

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.4	18.1	27.1	
265	21.7	17.1	25.7	

