

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040720\
 Data File : BG044964.D
 Acq On : 7 Apr 2020 21:00
 Operator : CG/JU
 Sample : L2166-20
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-45-COMP

Quant Time: Apr 08 07:20:19 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 23 07:18:46 2020
 Response via : Initial Calibration

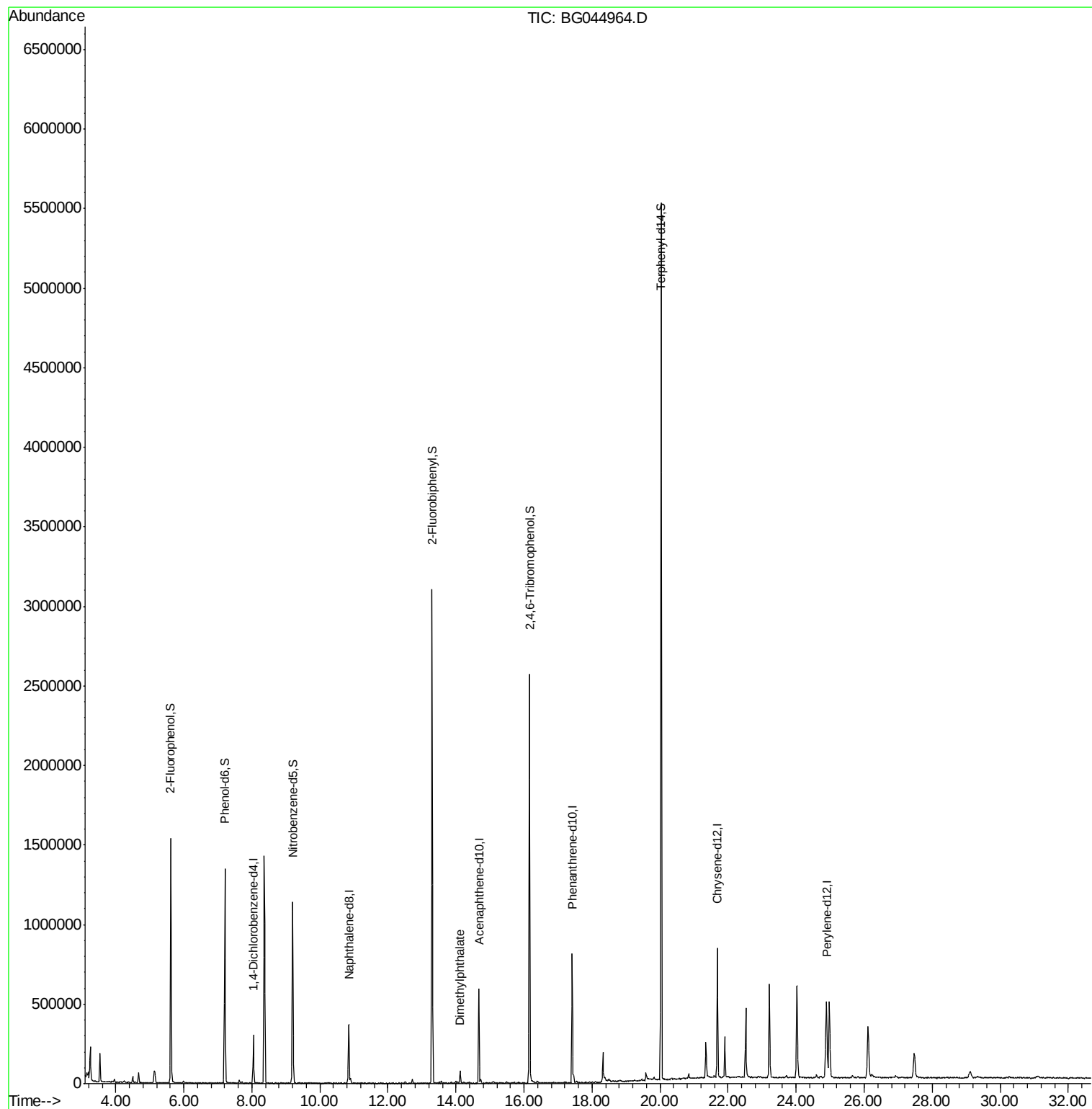
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	90391	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	343402	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	232655	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	535499	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	507932	20.00	ng	-0.02
87) Perylene-d12	24.89	264	548057	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	737706	127.05	ng	0.00
7) Phenol-d6	7.20	99	910663	107.94	ng	0.00
23) Nitrobenzene-d5	9.20	82	783856	100.16	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	527372	173.12	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1731596	106.58	ng	0.00
79) Terphenyl-d14	20.03	244	2575958	94.86	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	58114	3.136	ng	Qvalue 98

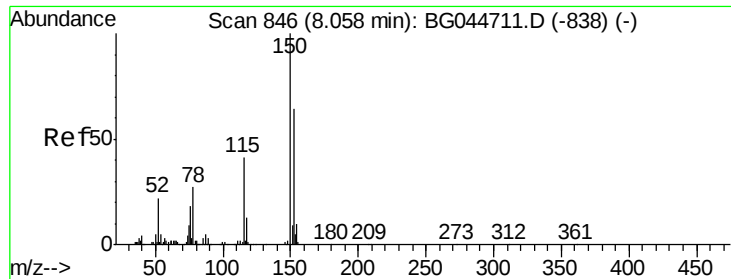
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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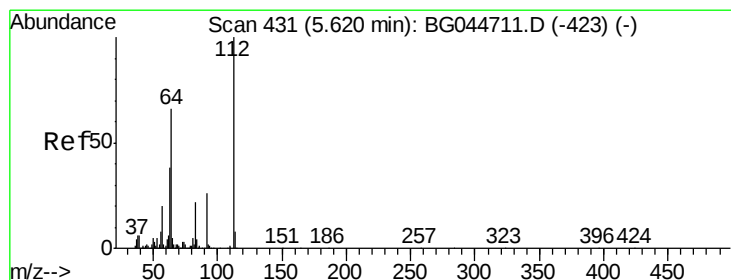
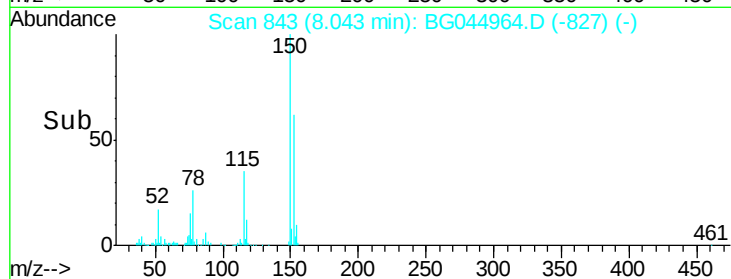
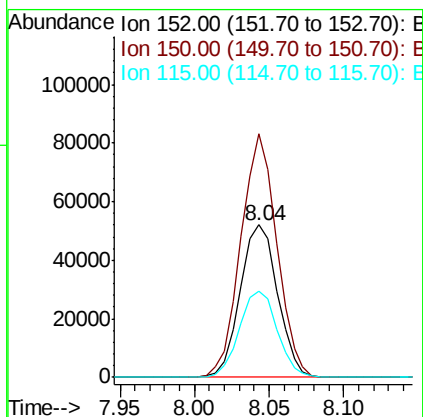
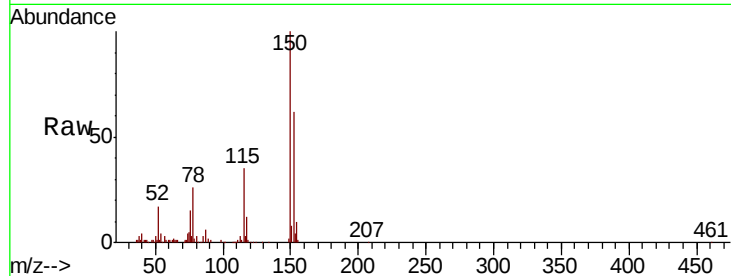


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044964.D
Acq: 7 Apr 2020 21:00

Instrument :
BNA_G
ClientSampleId :
TP-45-COMP

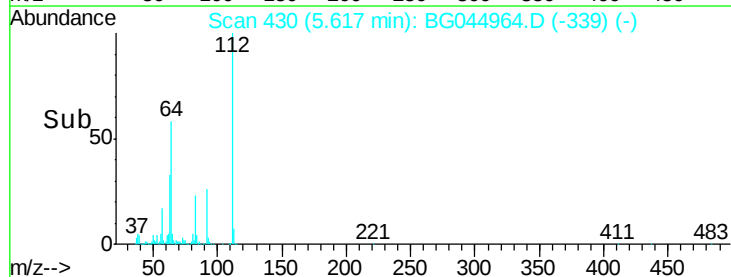
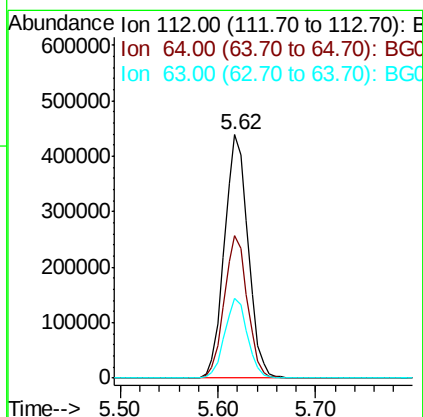
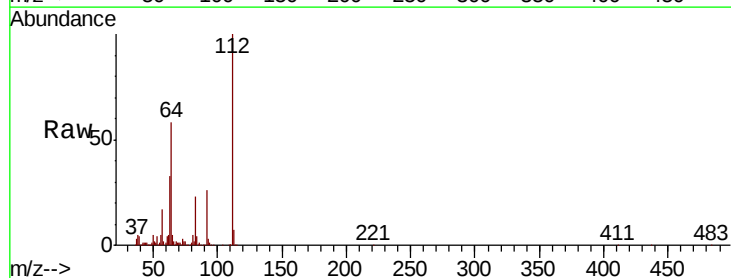
Tot Ion:152 Resp: 90391
Ion Ratio Lower Upper
152 100
150 160.0 128.8 193.2
115 56.6 52.6 79.0

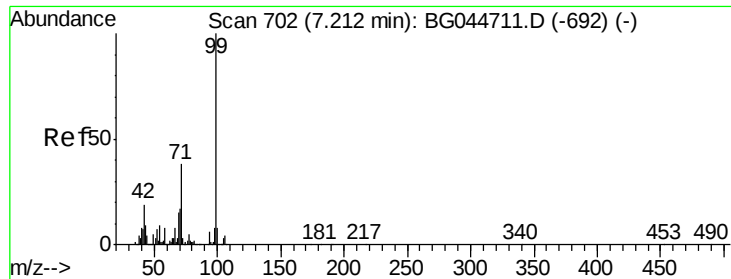


#5

2-Fluorophenol
Concen: 127.046 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044964.D
Acq: 7 Apr 2020 21:00

Tgt Ion:112 Resp: 737706
Ion Ratio Lower Upper
112 100
64 58.4 53.4 80.2
63 32.5 29.4 44.2





#7

Phenol-d6

Concen: 107.942 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044964.D

Acq: 7 Apr 2020 21:00

Instrument :

BNA_G

ClientSampleId :

TP-45-COMP

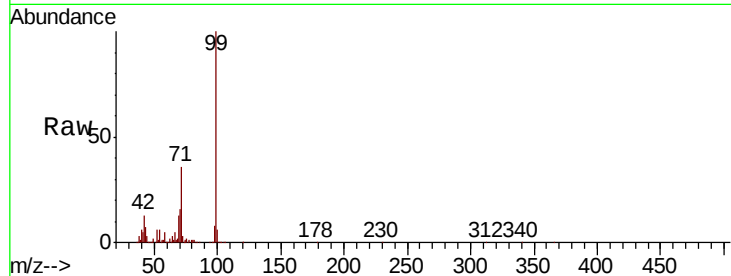
Tot Ion: 99 Resp: 910663

Ion Ratio Lower Upper

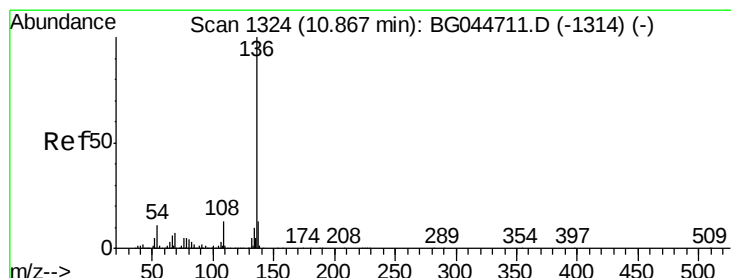
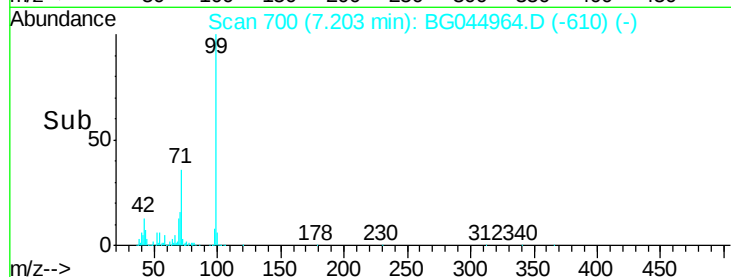
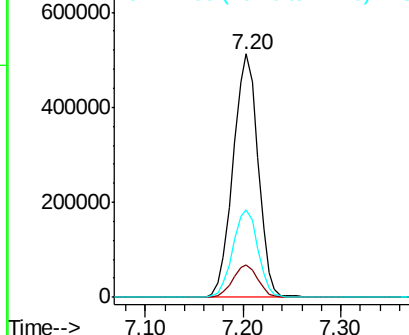
99 100

42 13.2 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# 1321

Delta R.T. -0.01 min

Lab File: BG044964.D

Acq: 7 Apr 2020 21:00

Tgt Ion: 136 Resp: 343402

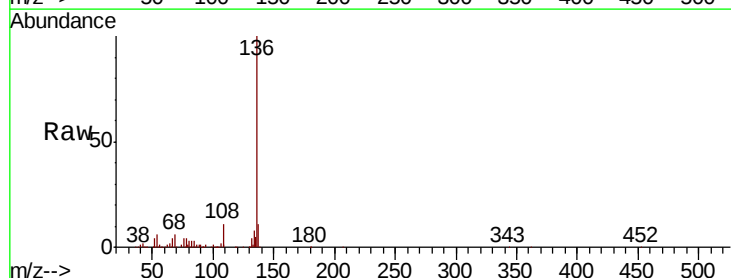
Ion Ratio Lower Upper

136 100

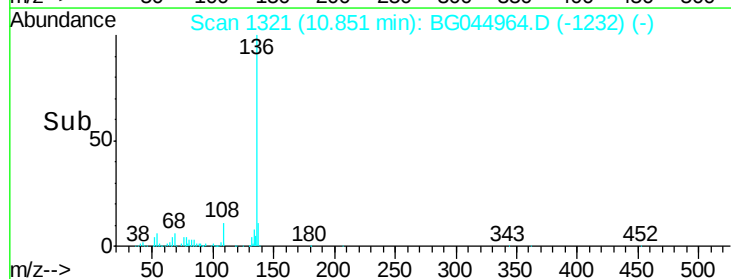
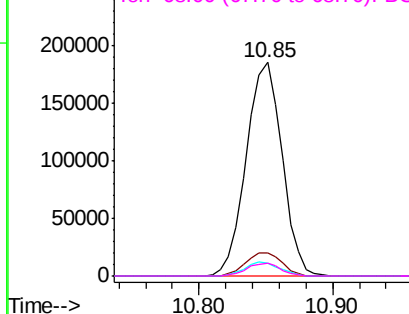
137 11.0 9.8 14.6

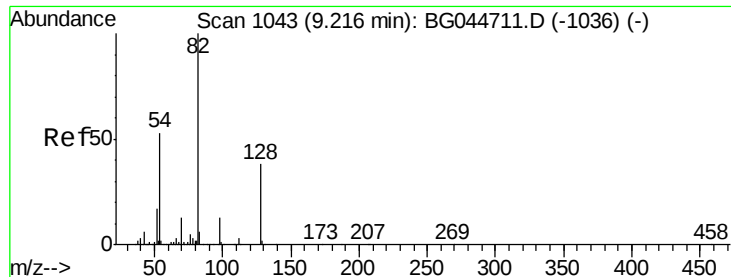
54 5.9 7.9 11.9#

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: 100.164 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BG044964.D

Acq: 7 Apr 2020 21:00

Instrument :

BNA_G

ClientSampled :

TP-45-COMP

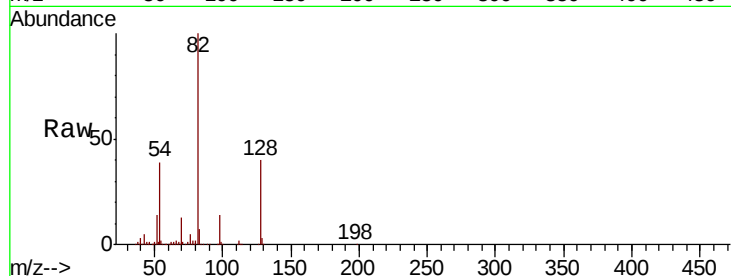
Tot Ion: 82 Resp: 783856

Ion Ratio Lower Upper

82 100

128 40.4 30.6 46.0

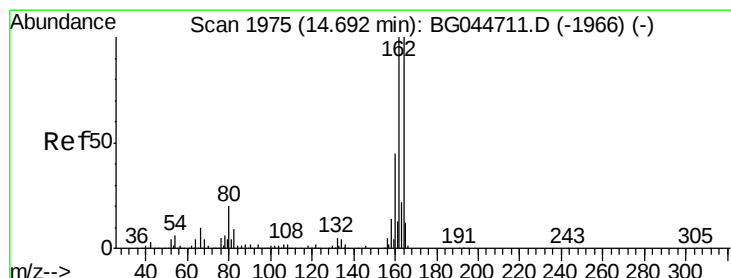
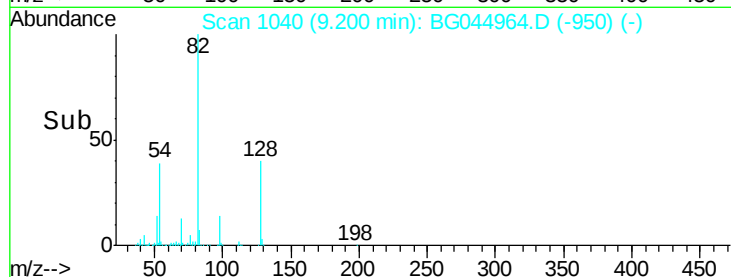
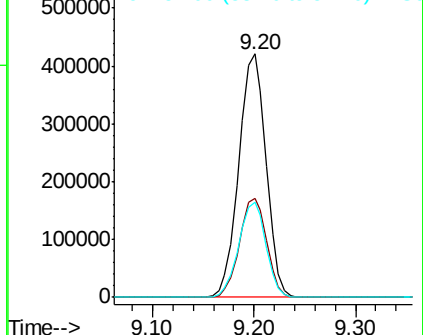
54 39.0 37.1 55.7



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.02 min

Lab File: BG044964.D

Acq: 7 Apr 2020 21:00

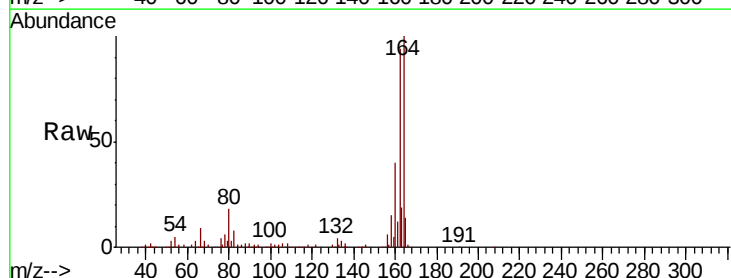
Tgt Ion:164 Resp: 232655

Ion Ratio Lower Upper

164 100

162 93.7 76.7 115.1

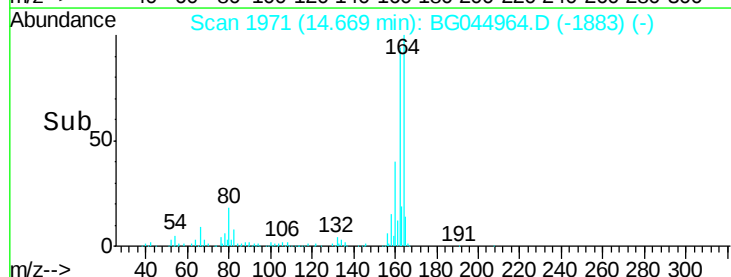
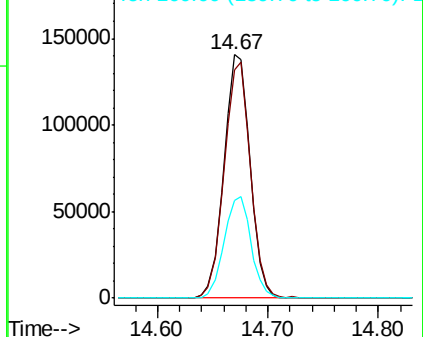
160 40.2 35.0 52.4

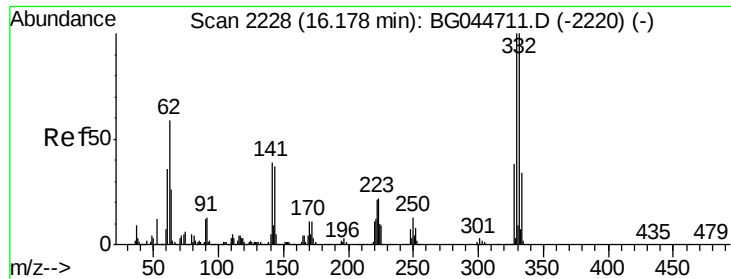


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

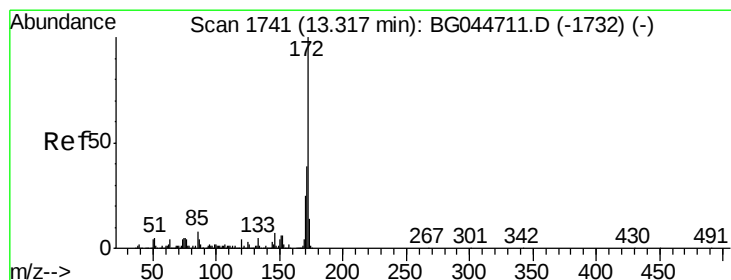
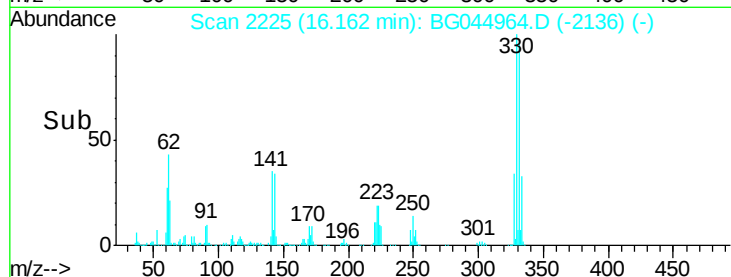
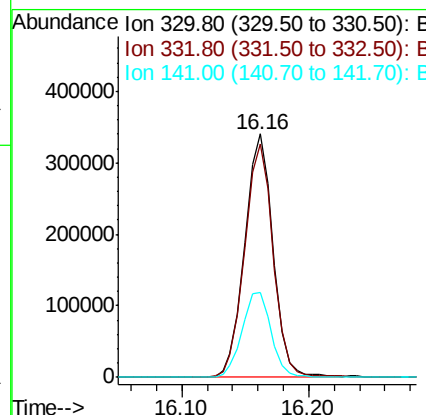
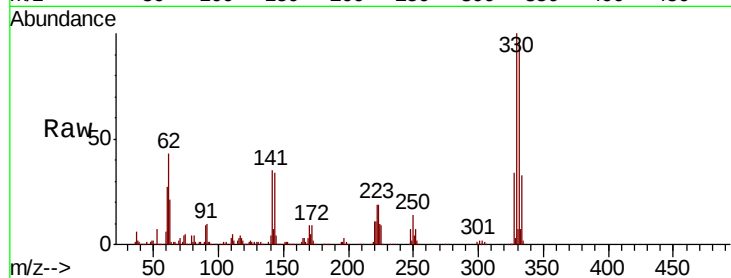




#42
 2,4,6-Tribromophenol
 Concen: 173.121 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG044964.D
 Acq: 7 Apr 2020 21:00

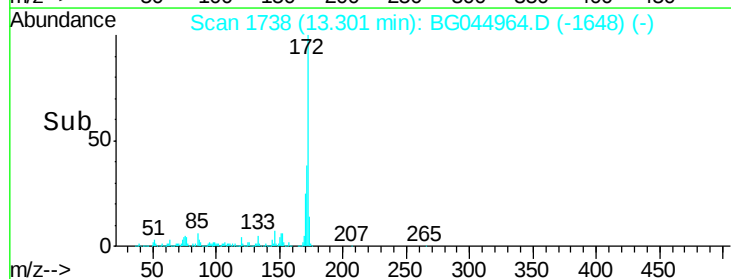
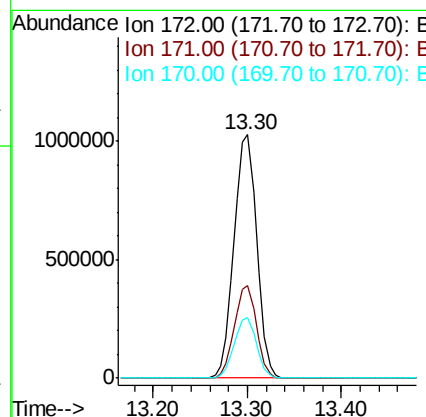
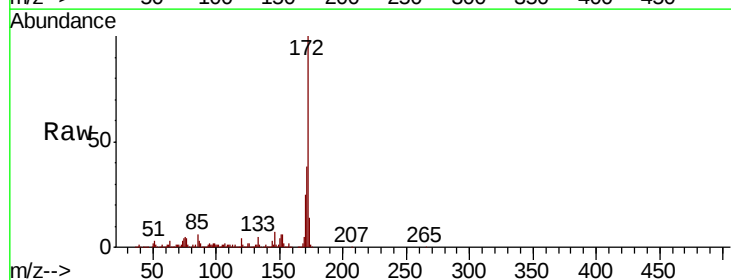
Instrument :
 BNA_G
 ClientSampleId :
 TP-45-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.8	116.6
141	35.9	29.5	44.3



#45
 2-Fluorobiphenyl
 Concen: 106.583 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG044964.D
 Acq: 7 Apr 2020 21:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	28.7	43.1
170	24.9	19.0	28.6

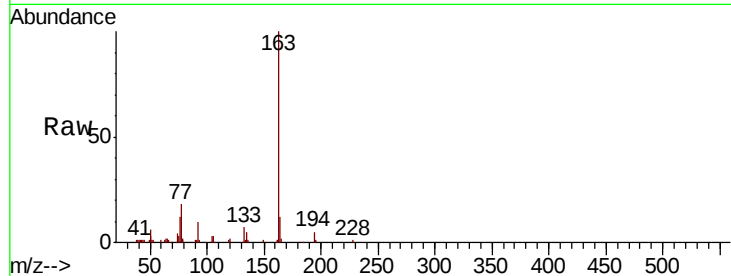




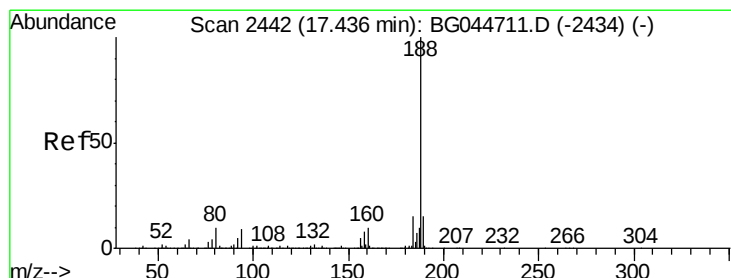
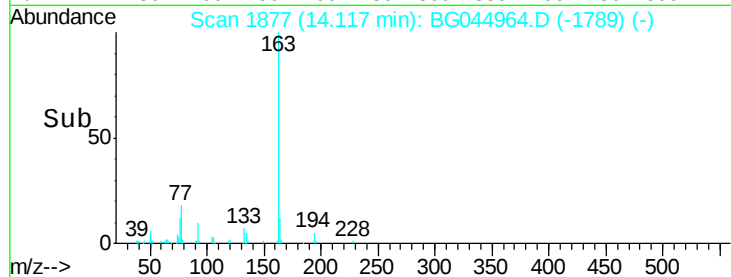
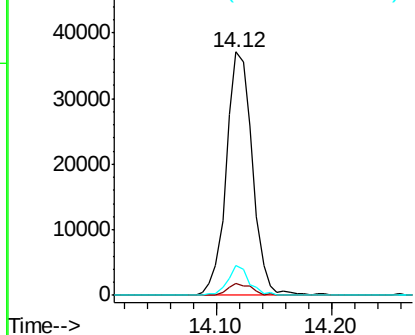
#50
Dimethylphthalate
Concen: 3.136 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.02 min
Lab File: BG044964.D
Acq: 7 Apr 2020 21:00

Instrument :
BNA_G
ClientSampleId :
TP-45-COMP

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.7	5.5
164	12.1	9.1	13.7

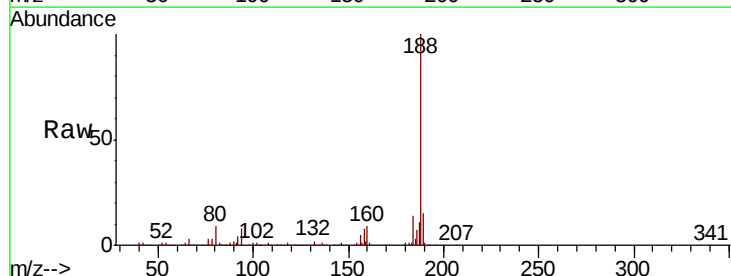


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

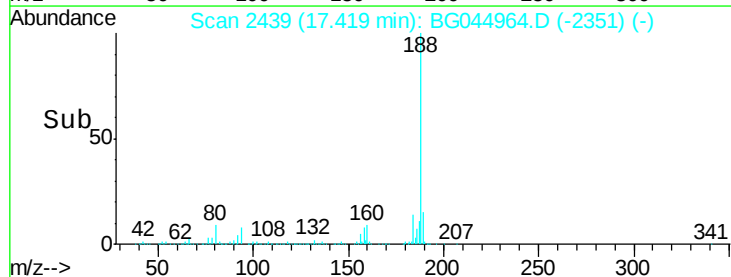
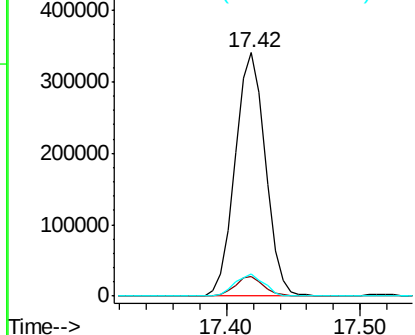


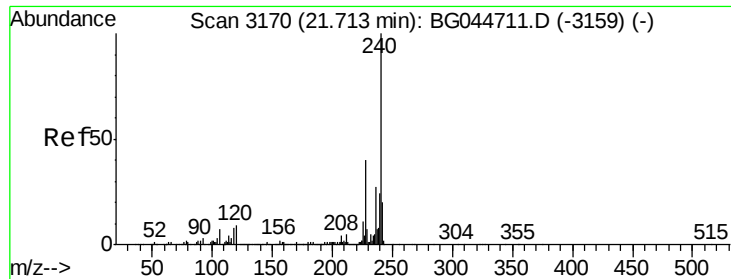
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044964.D
Acq: 7 Apr 2020 21:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.3	10.9
80	9.2	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

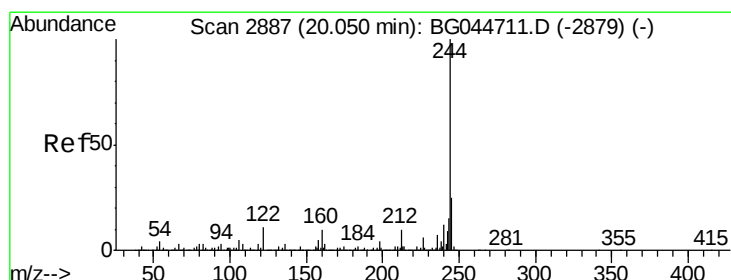
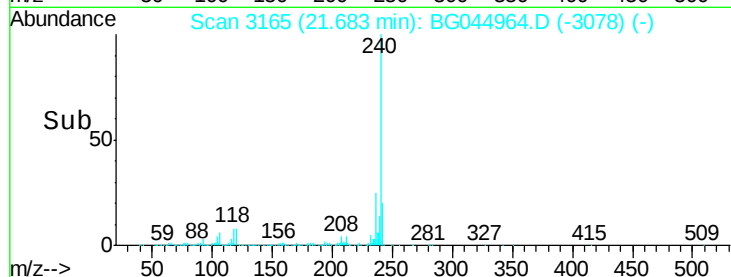
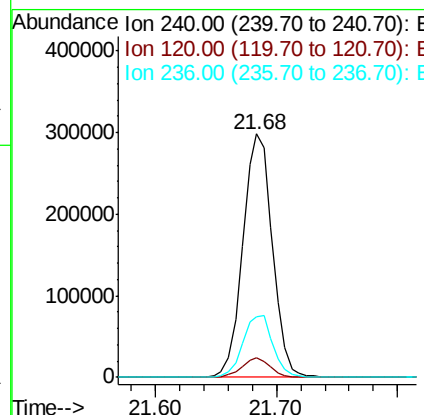
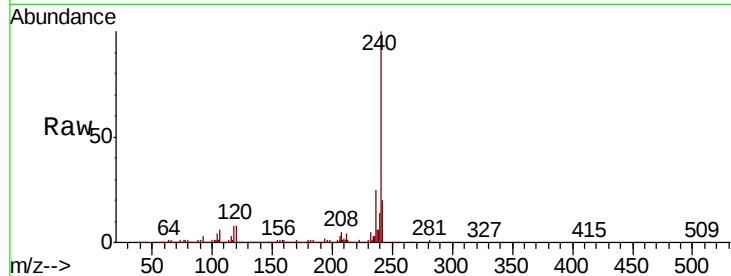




#76
Chrvsene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG044964.D
Acq: 7 Apr 2020 21:00

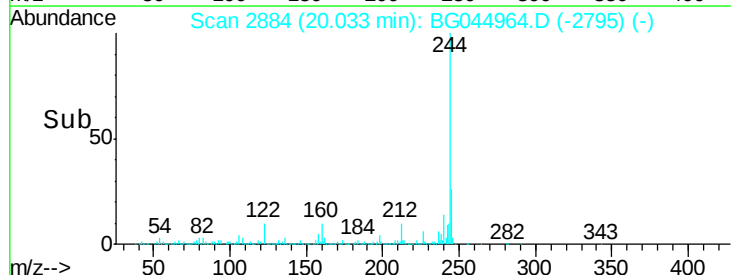
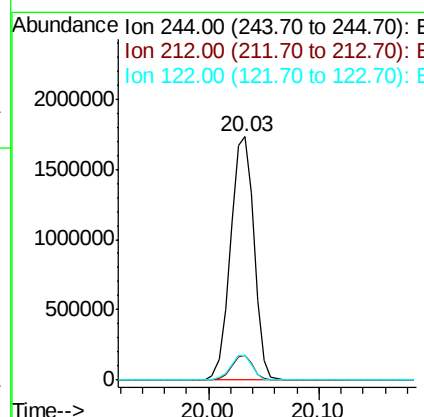
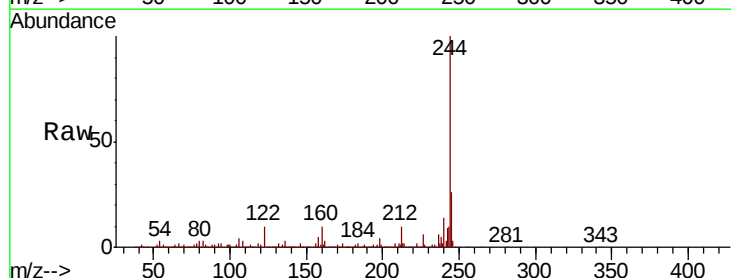
Instrument :
BNA_G
ClientSampleId :
TP-45-COMP

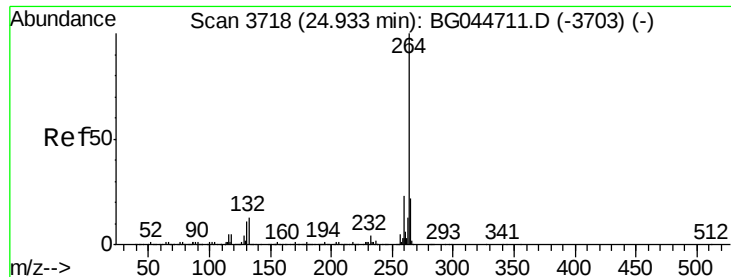
Tot Ion:240 Resp: 507932
Ion Ratio Lower Upper
240 100
120 8.2 6.7 10.1
236 25.1 21.5 32.3



#79
Terphenyl-d14
Concen: 94.864 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.00 min
Lab File: BG044964.D
Acq: 7 Apr 2020 21:00

Tgt Ion:244 Resp: 2575958
Ion Ratio Lower Upper
244 100
212 10.4 7.7 11.5
122 10.1 8.6 12.8

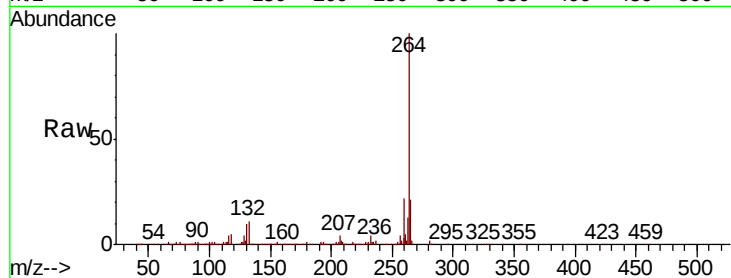




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG044964.D
Acq: 7 Apr 2020 21:00

Instrument :
BNA_G
ClientSampleId :
TP-45-COMP

Tot Ion:	264	Resp:	548057
Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.1	27.1
265	20.7	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

