

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
 Data File : BG044951.D
 Acq On : 25 Mar 2020 5:57
 Operator : CG/JU
 Sample : L2011-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHD1-WC-S-BC-IBC

Quant Time: Mar 25 10:19:04 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

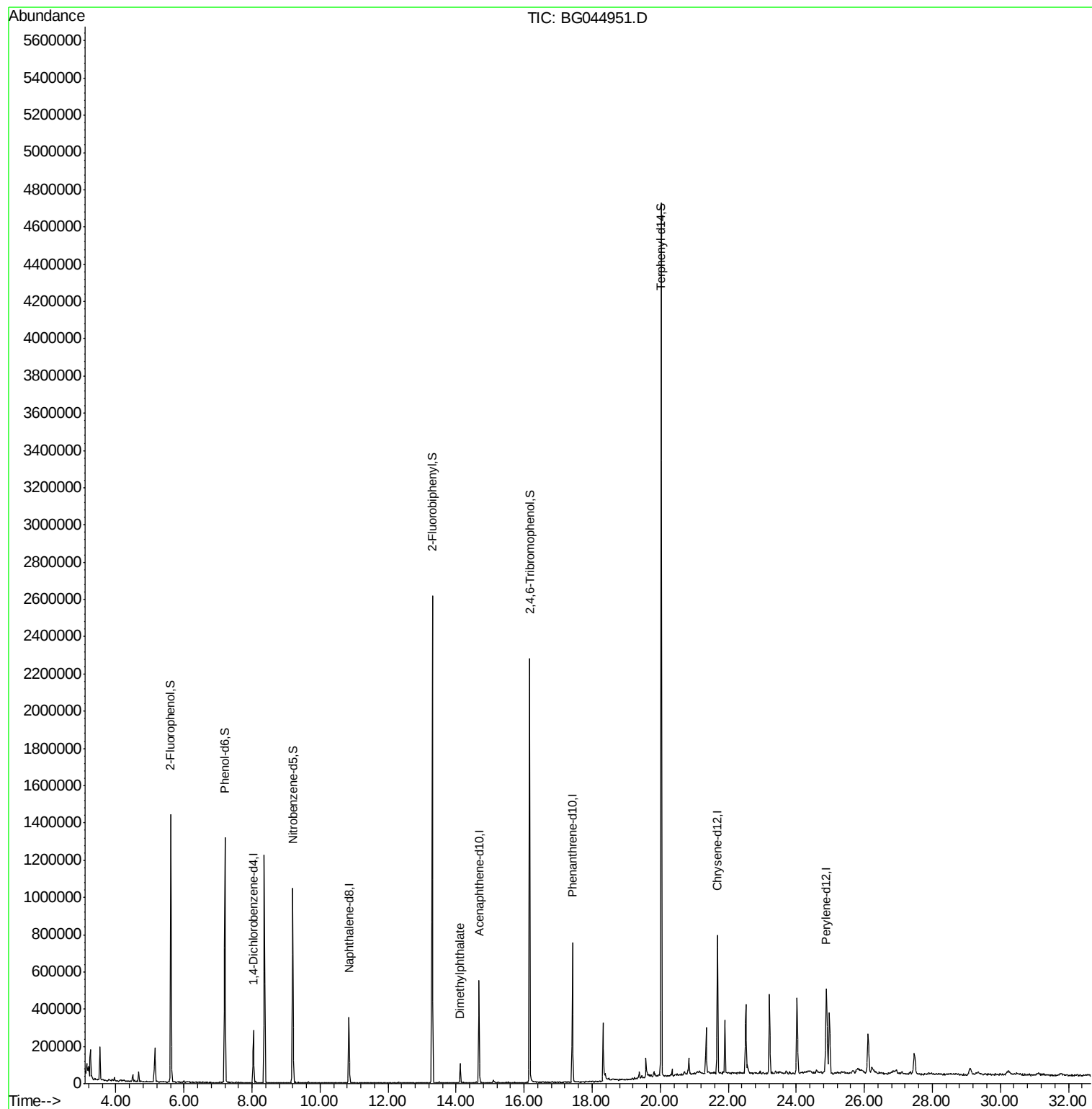
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	81659	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	310587	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	209839	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	476225	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	466577	20.00	ng	-0.02
87) Perylene-d12	24.89	264	497797	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	641129	122.22	ng	0.00
7) Phenol-d6	7.20	99	800485	105.03	ng	0.00
23) Nitrobenzene-d5	9.20	82	664322	93.86	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	446643	162.56	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1372642	93.68	ng	0.00
79) Terphenyl-d14	20.03	244	2223866	89.16	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	73841	4.418	ng	Qvalue # 98

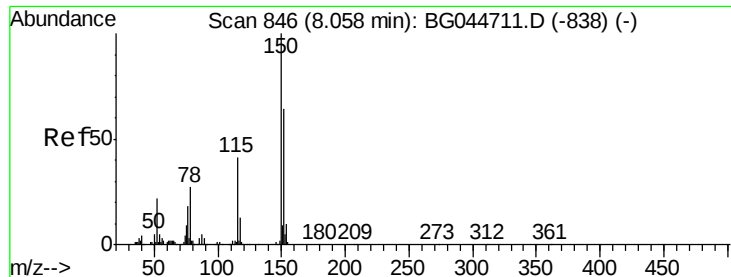
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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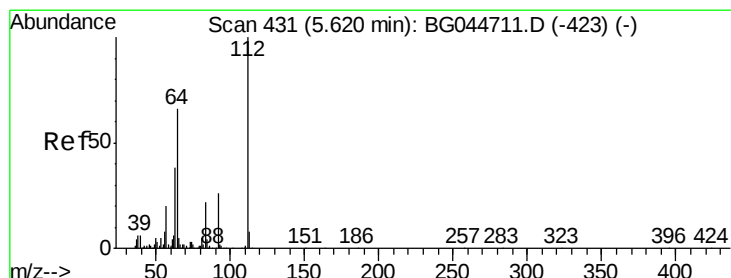
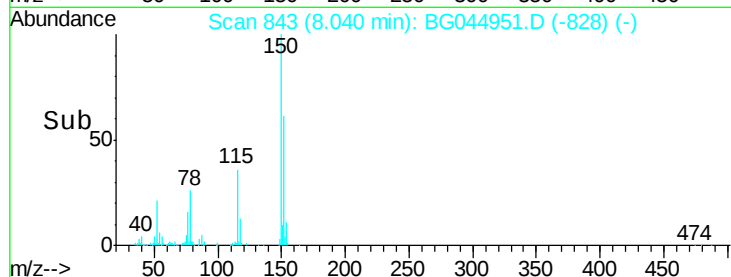
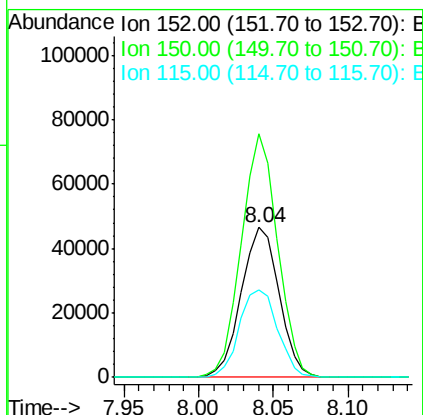
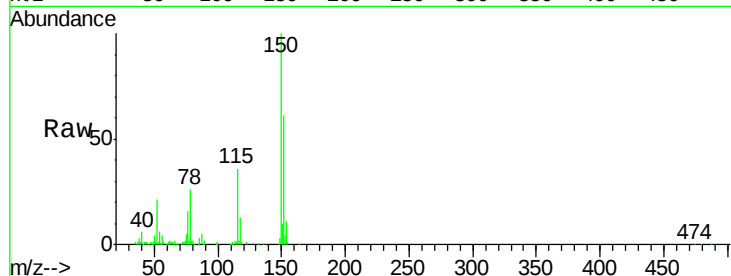


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG044951.D
 Acq: 25 Mar 2020 5:57

Instrument :
 BNA_G
 ClientSampleId :
 GHD1-WC-S-BC-IBC

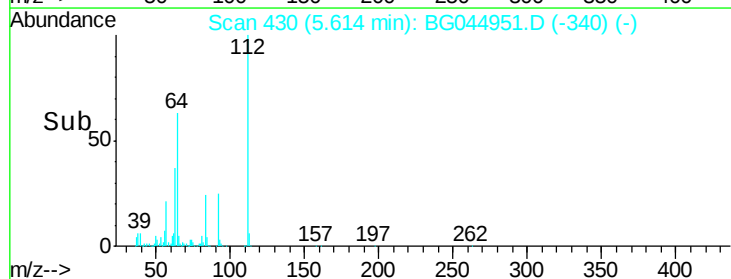
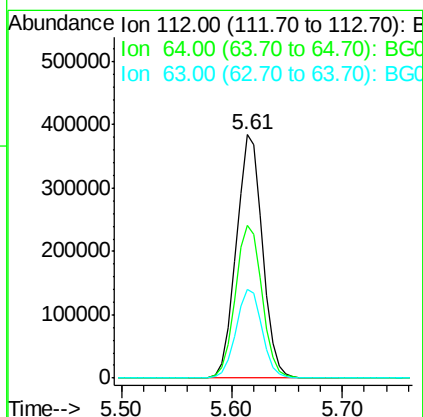
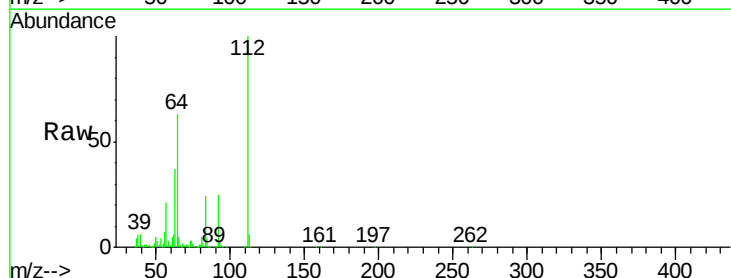
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.7	128.8	193.2
115	58.6	52.6	79.0

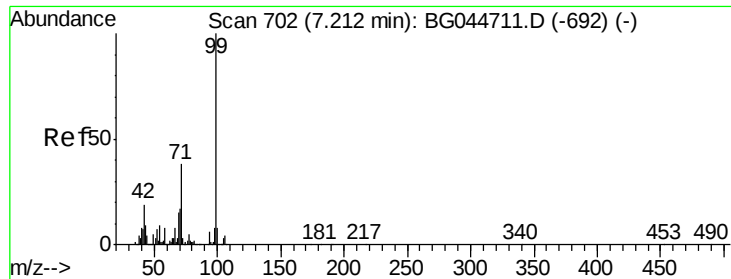


#5

2-Fluorophenol
 Concen: 122.221 ng
 RT: 5.61 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: BG044951.D
 Acq: 25 Mar 2020 5:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.7	53.4	80.2
63	36.6	29.4	44.2





#7

Phenol-d6

Concen: 105.028 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044951.D

Acq: 25 Mar 2020 5:57

Instrument :

BNA_G

ClientSampleId :

GHD1-WC-S-BC-IBC

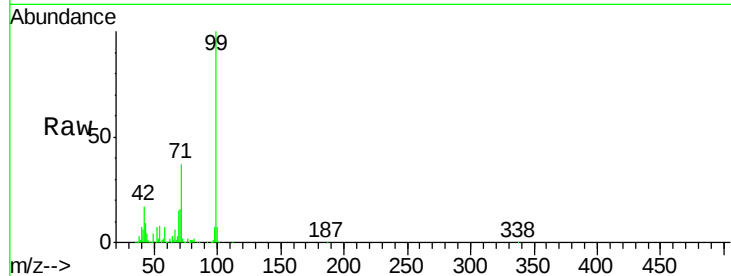
Tot Ion: 99 Resp: 800485

Ion Ratio Lower Upper

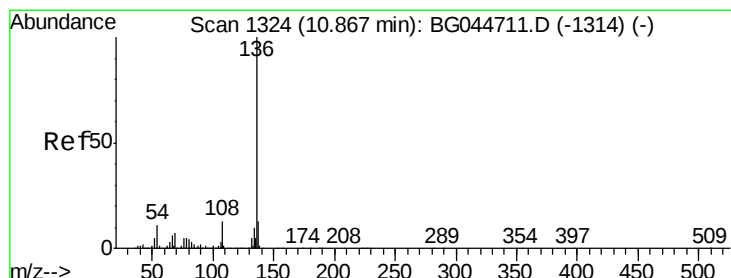
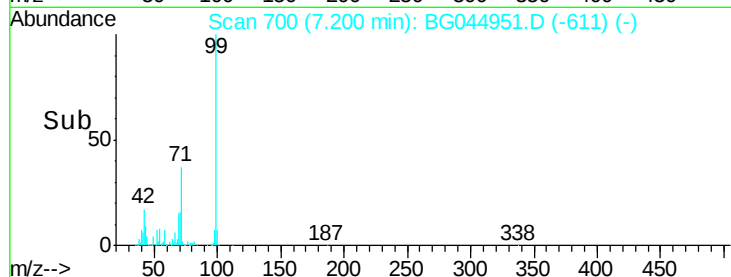
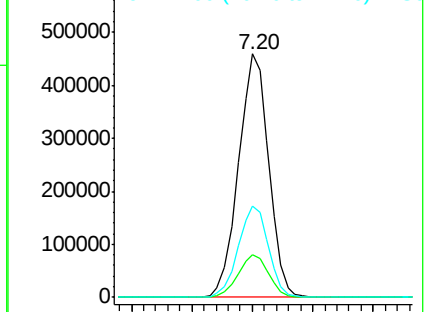
99 100

42 17.3 12.6 19.0

71 37.4 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: BG044951.D

Acq: 25 Mar 2020 5:57

Tgt Ion: 136 Resp: 310587

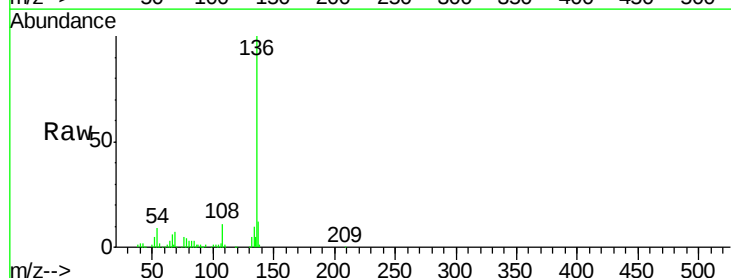
Ion Ratio Lower Upper

136 100

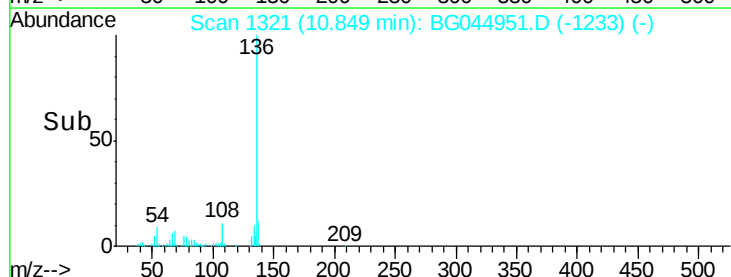
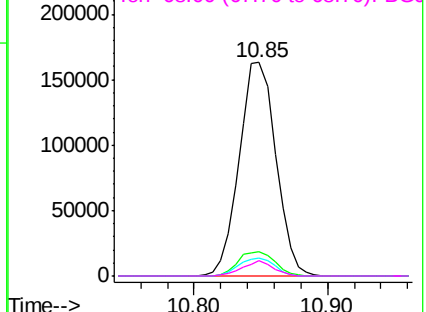
137 11.7 9.8 14.6

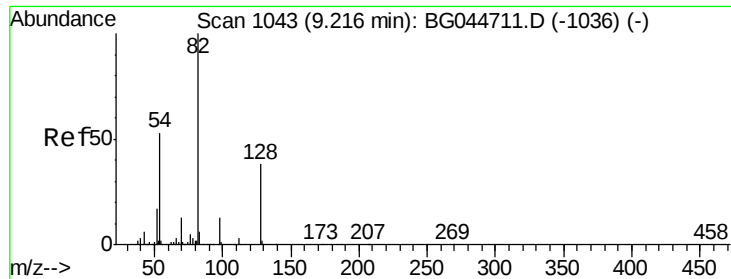
54 8.5 7.9 11.9

68 6.9 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

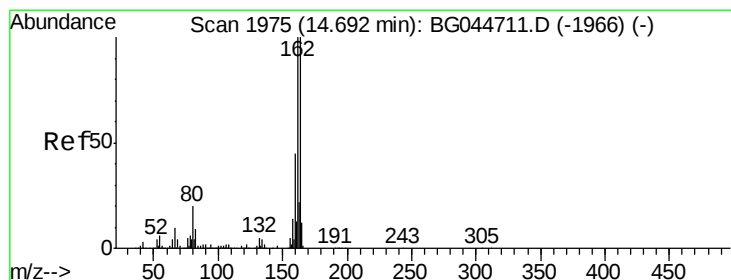
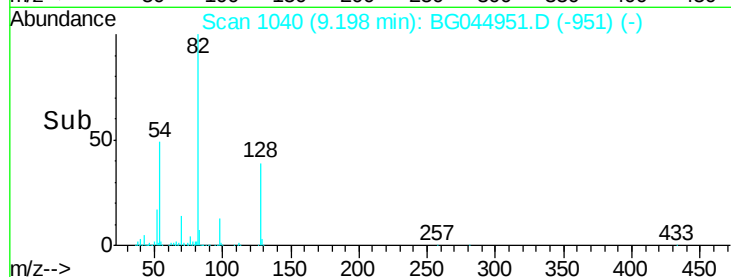
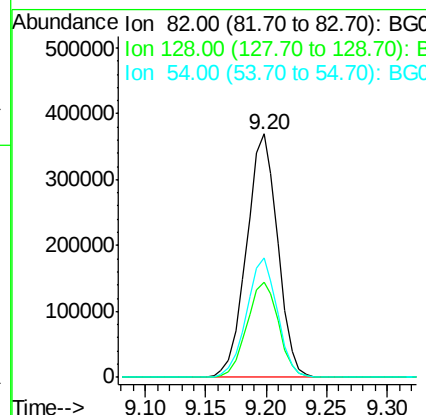
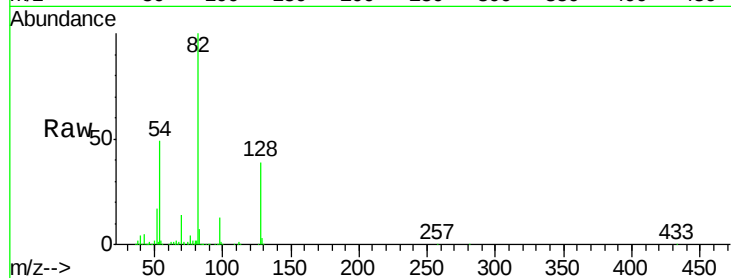




#23
Nitrobenzene-d5
Concen: 93.859 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG044951.D
Acq: 25 Mar 2020 5:57

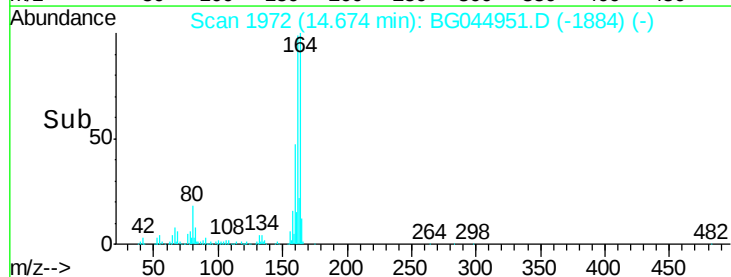
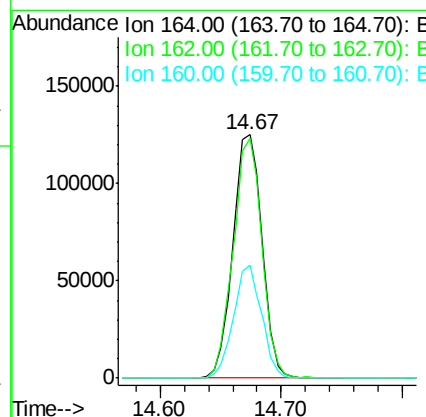
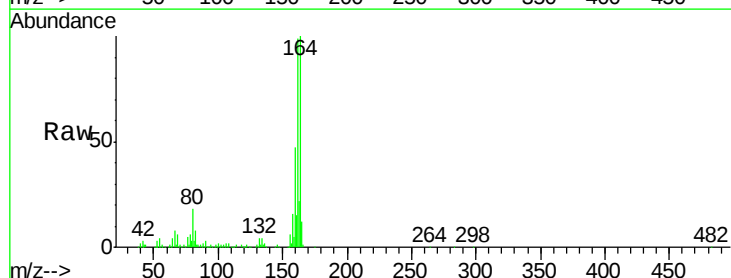
Instrument :
BNA_G
ClientSampleId :
GHD1-WC-S-BC-IBC

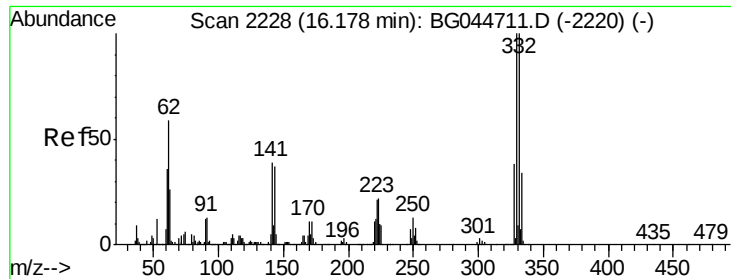
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.1	30.6	46.0
54	49.0	37.1	55.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044951.D
Acq: 25 Mar 2020 5:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.7	76.7	115.1
160	46.6	35.0	52.4





#42

2,4,6-Tribromophenol

Concen: 162.562 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG044951.D

Acq: 25 Mar 2020 5:57

Instrument :

BNA_G

ClientSampleId :

GHD1-WC-S-BC-IBC

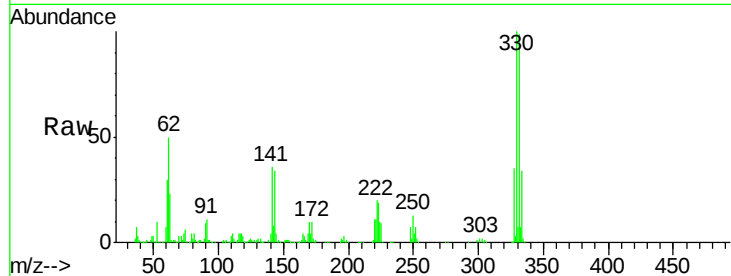
Tot Ion:330 Resp: 446643

Ion Ratio Lower Upper

330 100

332 98.0 77.8 116.6

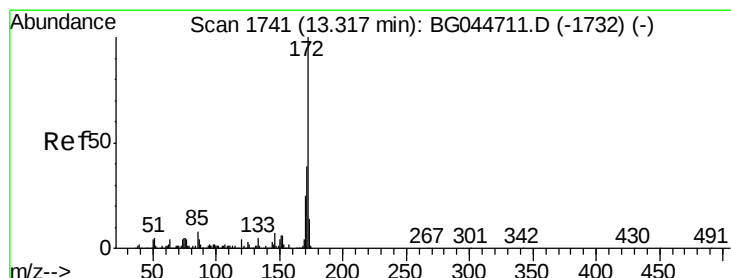
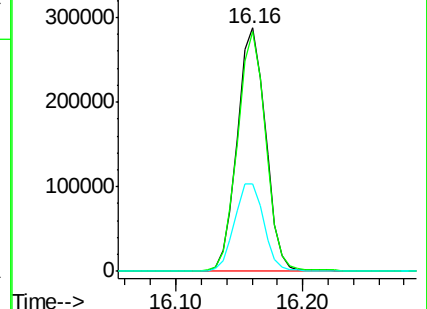
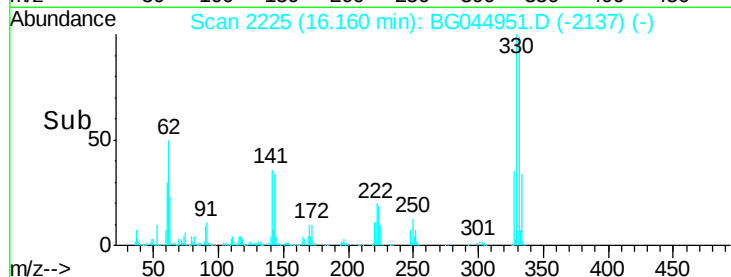
141 37.2 29.5 44.3



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: 93.675 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.01 min

Lab File: BG044951.D

Acq: 25 Mar 2020 5:57

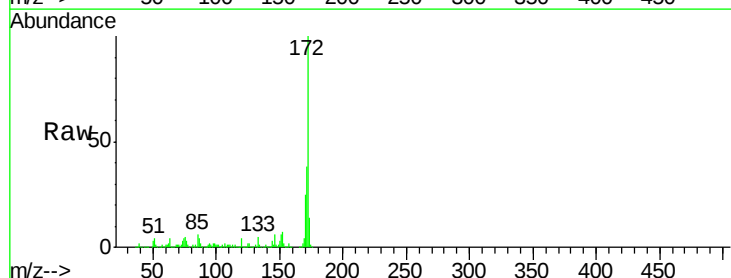
Tgt Ion:172 Resp: 1372642

Ion Ratio Lower Upper

172 100

171 38.0 28.7 43.1

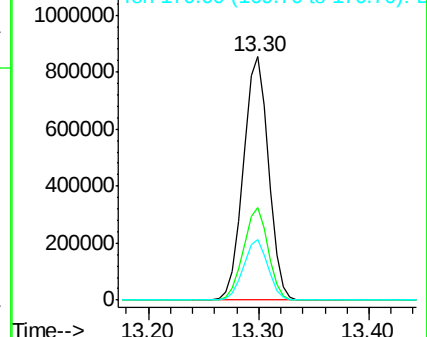
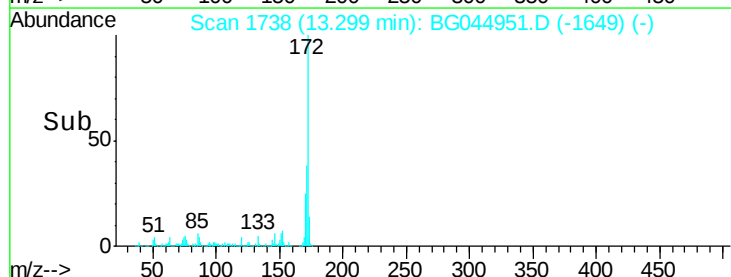
170 25.1 19.0 28.6



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: 4.418 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.02 min

Lab File: BG044951.D

Acq: 25 Mar 2020 5:57

Instrument :

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ClientSampleId :

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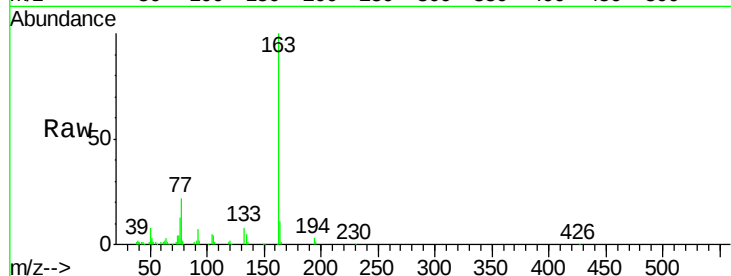
Tot Ion:163 Resp: 73841

Ion Ratio Lower Upper

163 100

194 3.2 3.7 5.5#

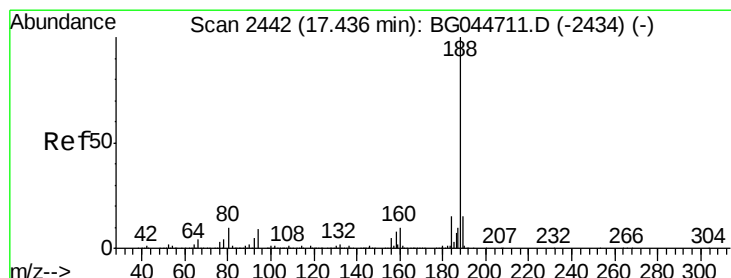
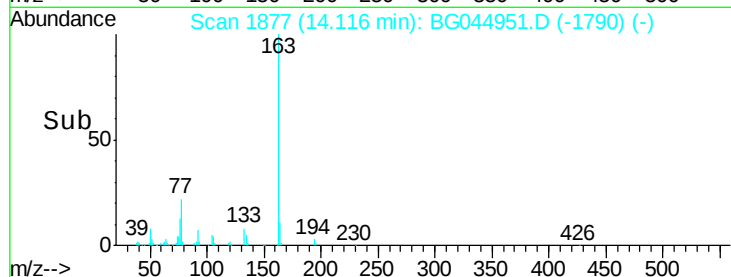
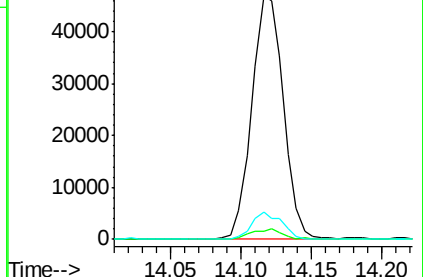
164 11.0 9.1 13.7



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: BG044951.D

Acq: 25 Mar 2020 5:57

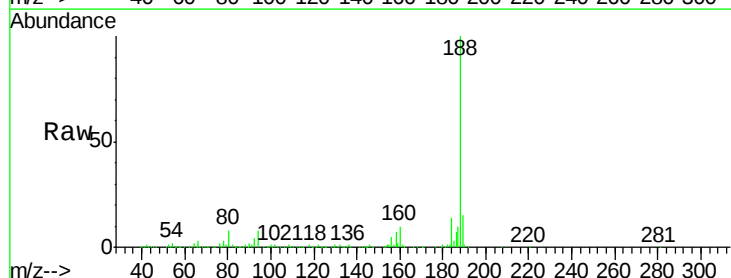
Tgt Ion:188 Resp: 476225

Ion Ratio Lower Upper

188 100

94 8.0 7.3 10.9

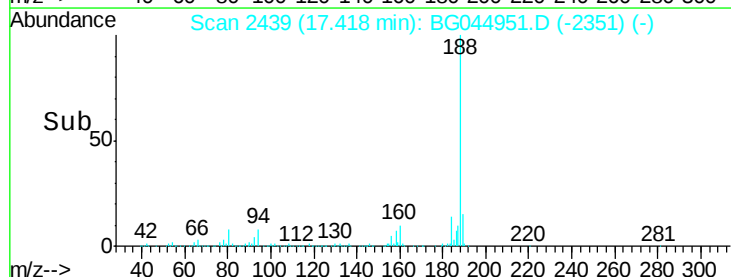
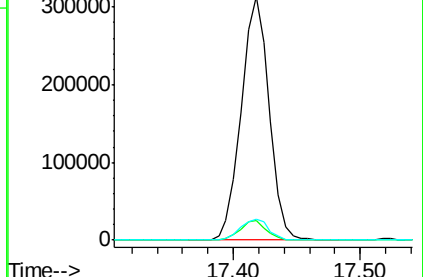
80 8.5 8.0 12.0

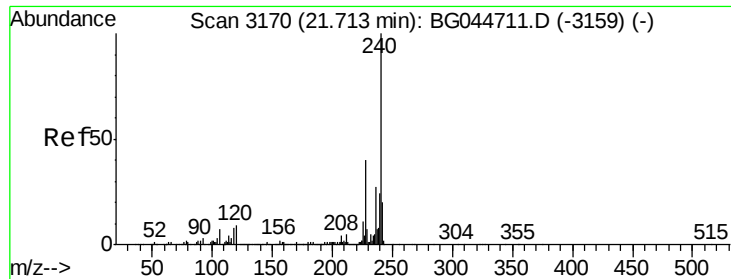


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

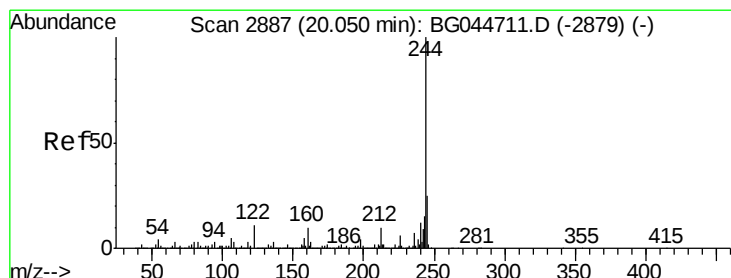
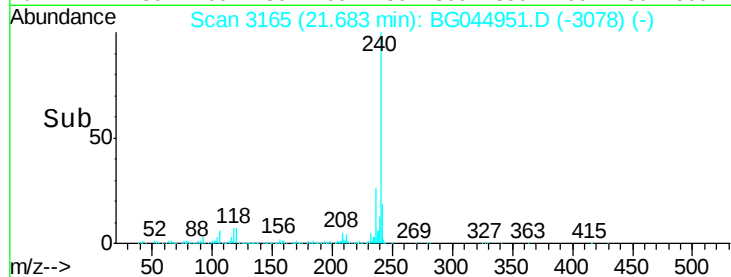
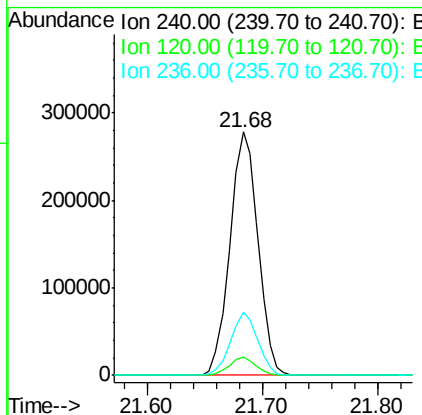
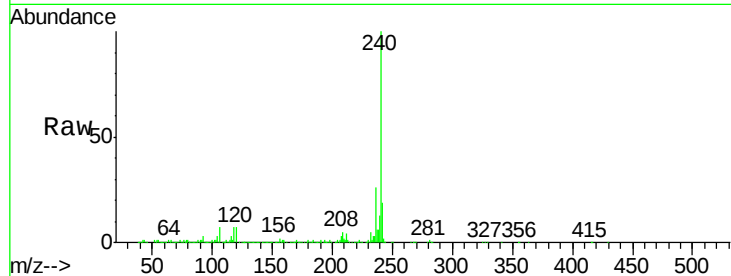




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG044951.D
Acq: 25 Mar 2020 5:57

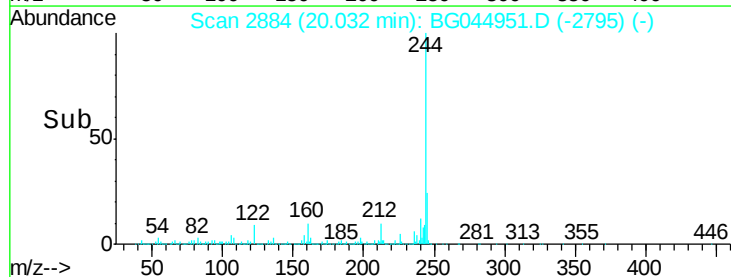
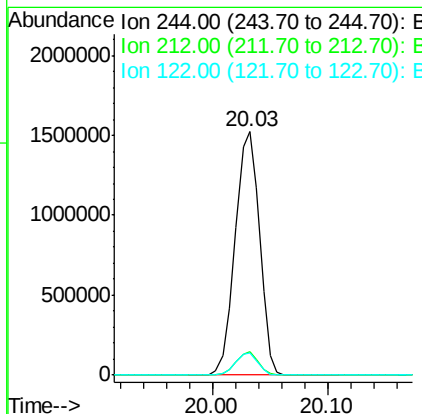
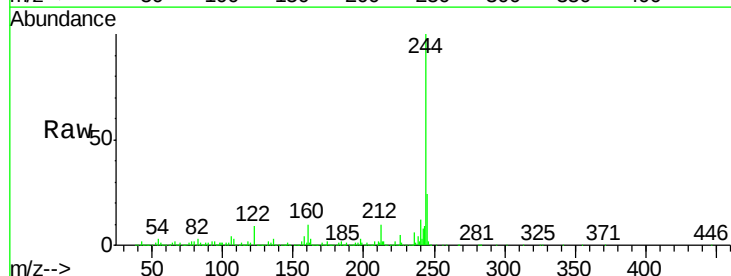
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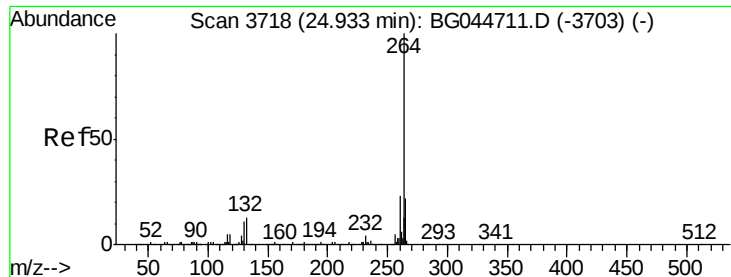
Tot Ion:240 Resp: 466577
Ion Ratio Lower Upper
240 100
120 7.4 6.7 10.1
236 26.0 21.5 32.3



#79
Terphenyl-d14
Concen: 89.157 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG044951.D
Acq: 25 Mar 2020 5:57

Tgt Ion:244 Resp: 2223866
Ion Ratio Lower Upper
244 100
212 9.8 7.7 11.5
122 9.3 8.6 12.8

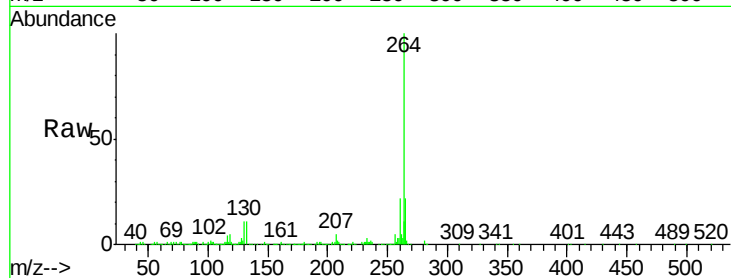




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG044951.D
Acq: 25 Mar 2020 5:57

Instrument :
BNA_G
ClientSampleId :
GHD1-WC-S-BC-IBC

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.1	27.1
265	22.0	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

