

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
 Data File : BG044875.D
 Acq On : 18 Mar 2020 22:28
 Operator : CG/JU
 Sample : L1942-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-TP-10

Quant Time: Mar 19 02:45:30 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

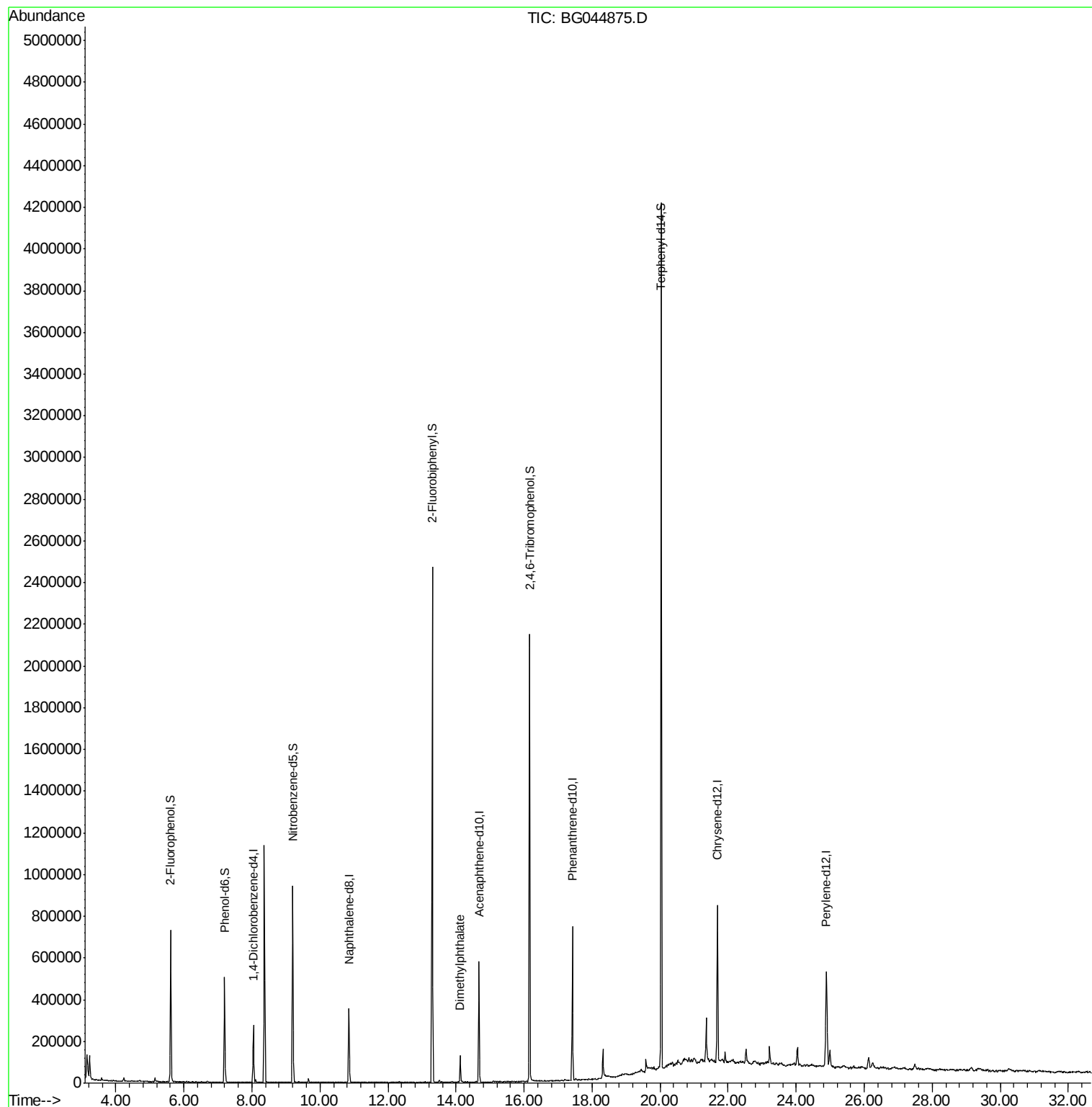
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	77810	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	307785	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	214108	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	473670	20.00	ng	0.00
76) Chrysene-d12	21.69	240	461544	20.00	ng	-0.02
87) Perylene-d12	24.89	264	497875	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	331162	66.25	ng	0.00
7) Phenol-d6	7.20	99	310238	42.72	ng	0.00
23) Nitrobenzene-d5	9.20	82	620682	88.49	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	426373	152.09	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1349279	90.24	ng	0.00
79) Terphenyl-d14	20.03	244	2028736	82.22	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	91218	5.349	ng	Qvalue # 94

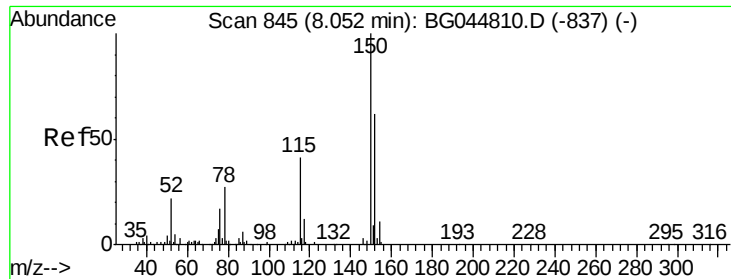
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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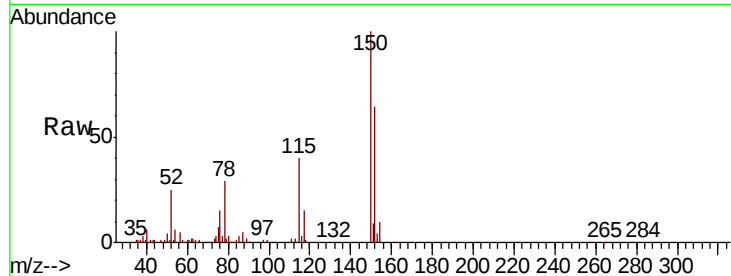


#1

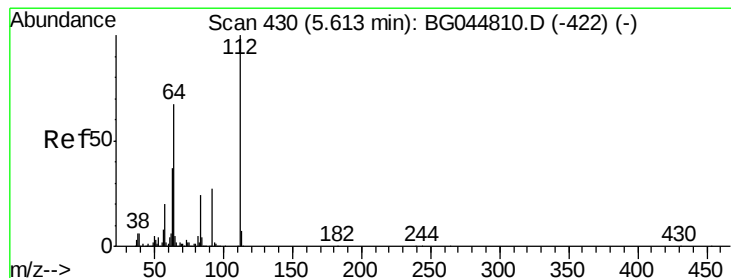
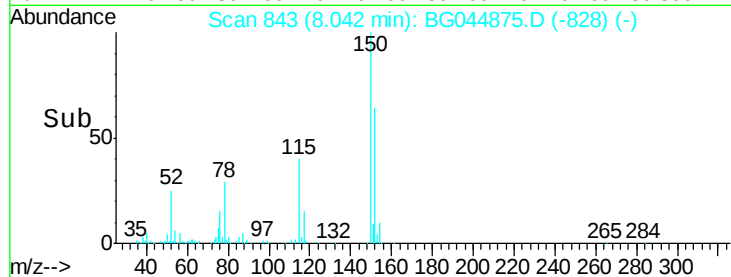
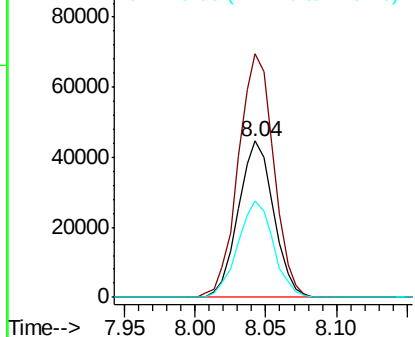
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044875.D
Acq: 18 Mar 2020 22:28

Instrument :
BNA_G
ClientSampleId :
GW-TP-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	128.8	193.2
115	61.6	52.6	79.0



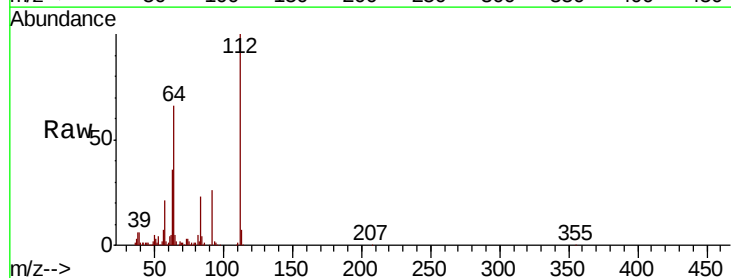
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



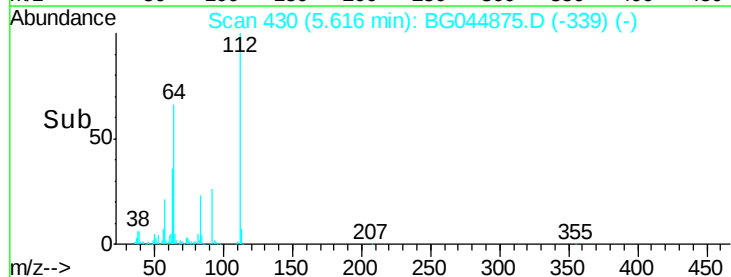
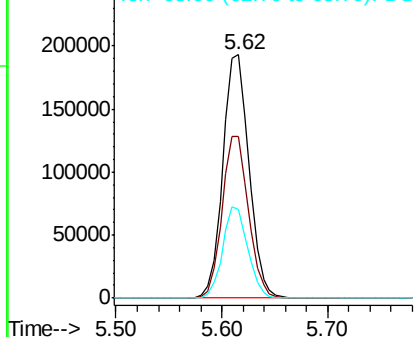
#5

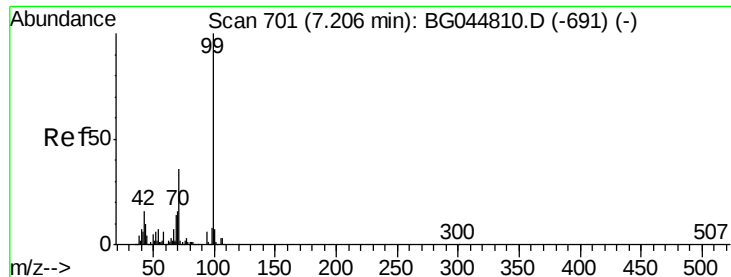
2-Fluorophenol
Concen: 66.253 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044875.D
Acq: 18 Mar 2020 22:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	53.4	80.2
63	36.4	29.4	44.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 42.719 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG044875.D

Acq: 18 Mar 2020 22:28

Instrument :

BNA_G

ClientSampleId :

GW-TP-10

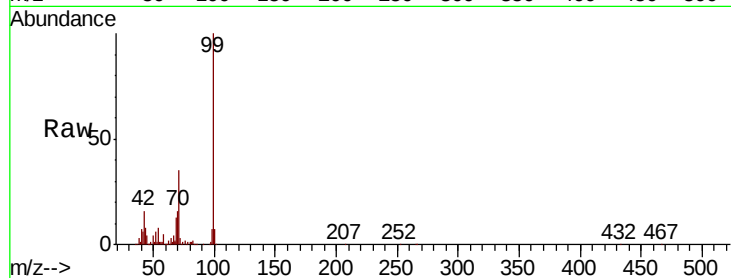
Tot Ion: 99 Resp: 310238

Ion Ratio Lower Upper

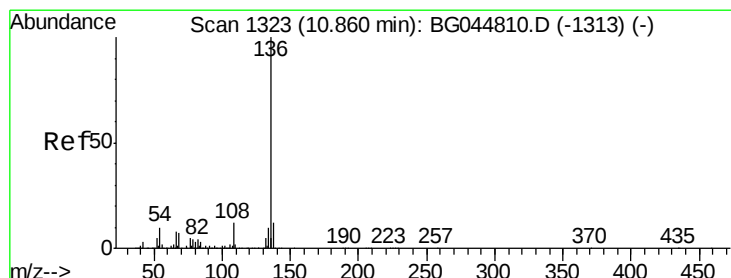
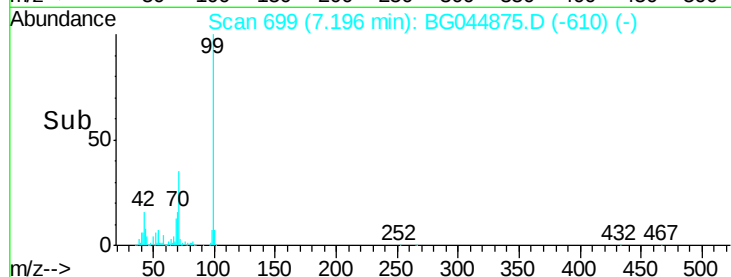
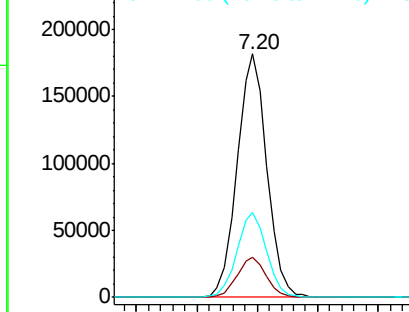
99 100

42 16.5 12.6 19.0

71 34.6 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: BG044875.D

Acq: 18 Mar 2020 22:28

Tgt Ion: 136 Resp: 307785

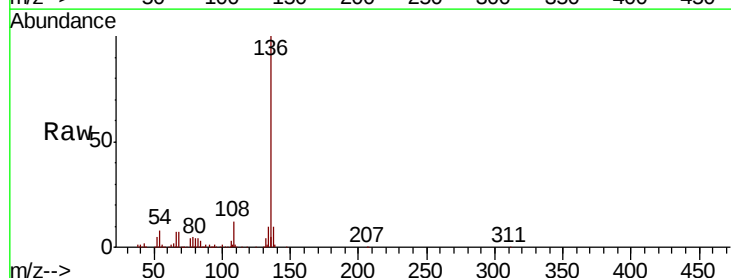
Ion Ratio Lower Upper

136 100

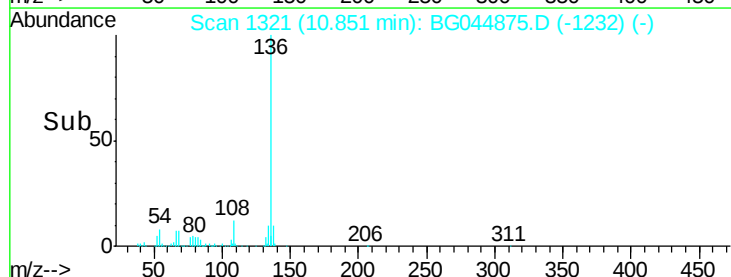
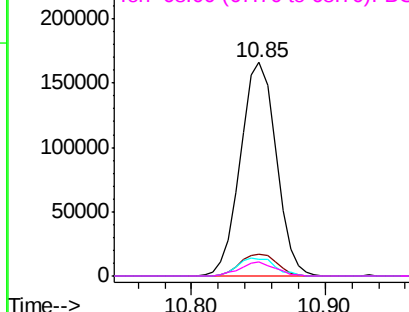
137 10.2 9.8 14.6

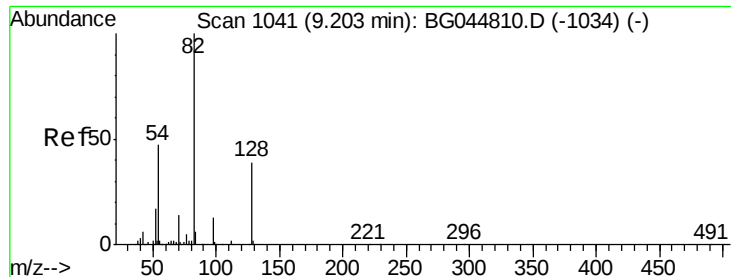
54 7.9 7.9 11.9#

68 6.6 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: 88.492 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BG044875.D

Acq: 18 Mar 2020 22:28

Instrument :

BNA_G

ClientSampleId :

GW-TP-10

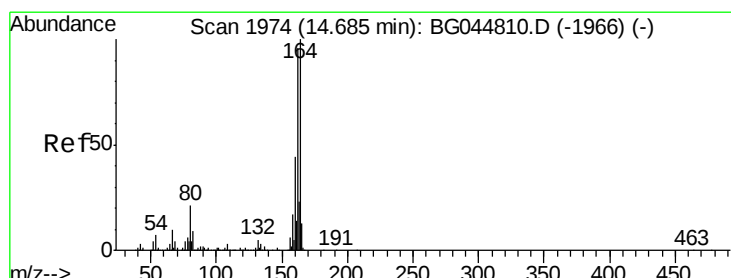
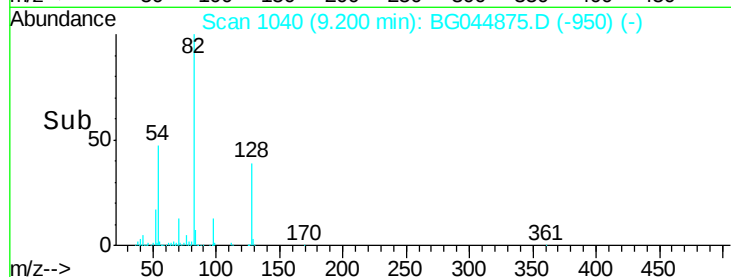
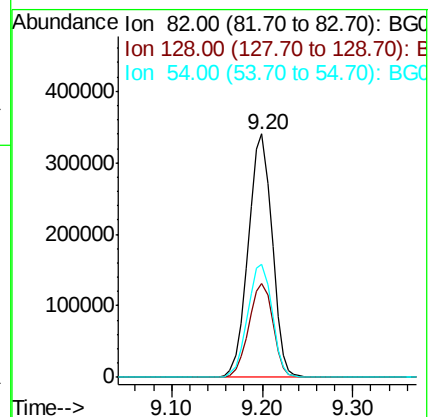
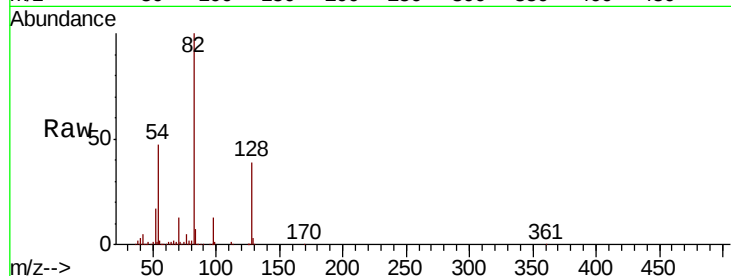
Tot Ion: 82 Resp: 620682

Ion Ratio Lower Upper

82 100

128 38.7 30.6 46.0

54 46.6 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: BG044875.D

Acq: 18 Mar 2020 22:28

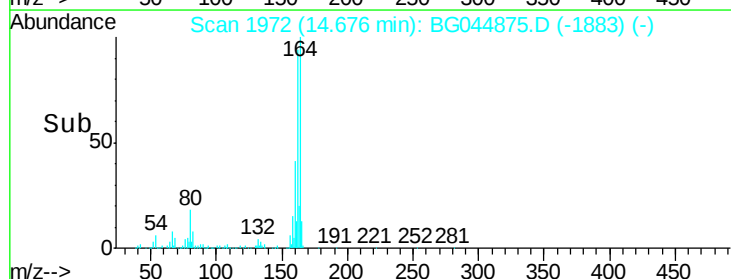
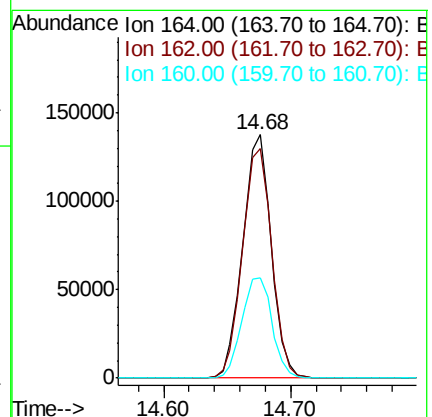
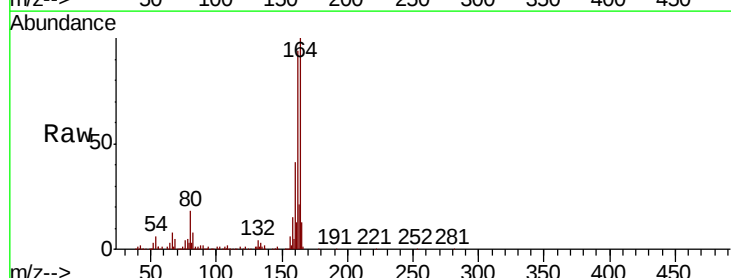
Tgt Ion: 164 Resp: 214108

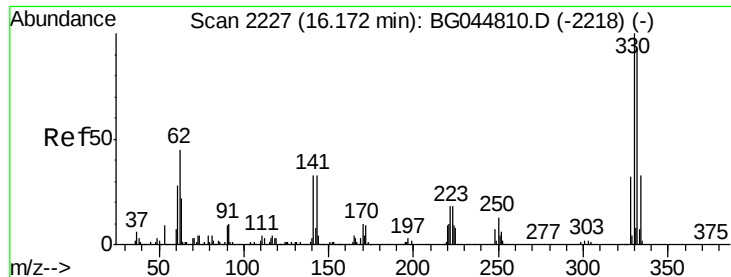
Ion Ratio Lower Upper

164 100

162 94.3 76.7 115.1

160 41.2 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 152.091 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG044875.D

Acq: 18 Mar 2020 22:28

Instrument :

BNA_G

ClientSampleId :

GW-TP-10

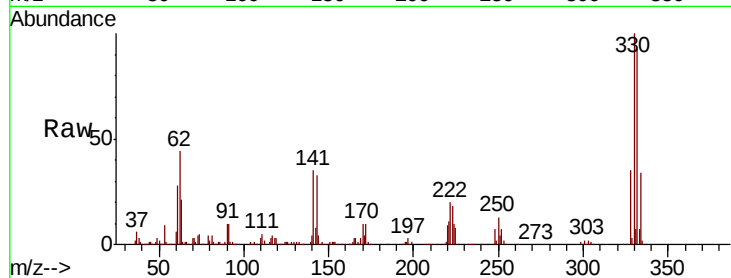
Tot Ion:330 Resp: 426373

Ion Ratio Lower Upper

330 100

332 96.5 77.8 116.6

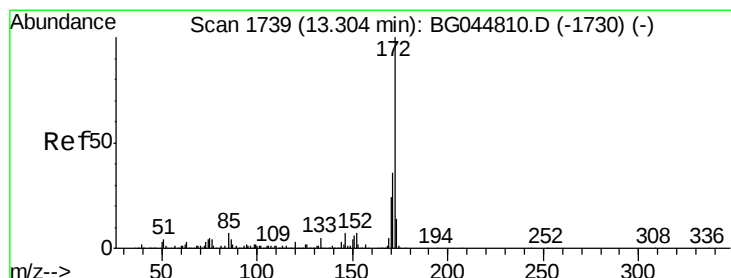
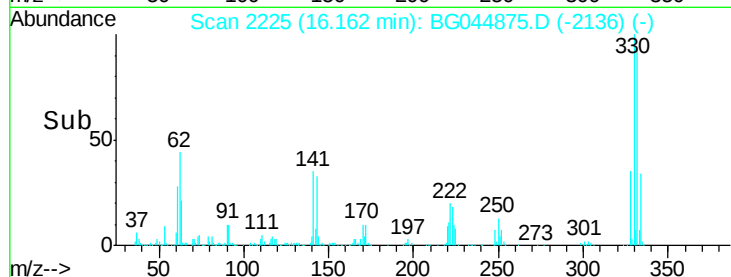
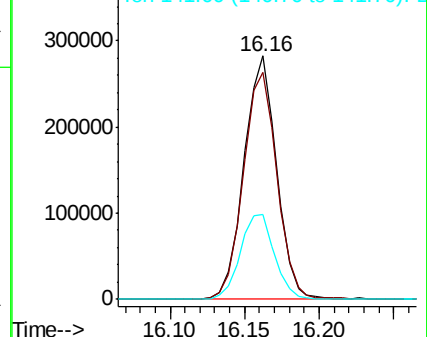
141 37.1 29.5 44.3



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: 90.245 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.00 min

Lab File: BG044875.D

Acq: 18 Mar 2020 22:28

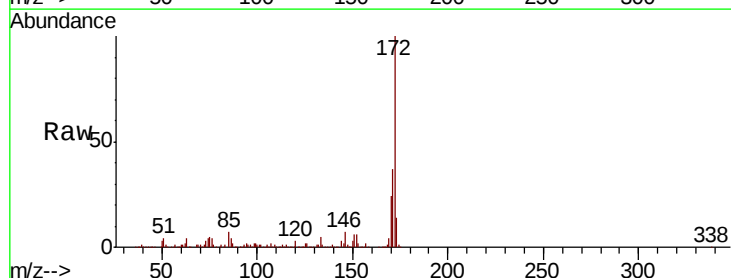
Tgt Ion:172 Resp: 1349279

Ion Ratio Lower Upper

172 100

171 37.0 28.7 43.1

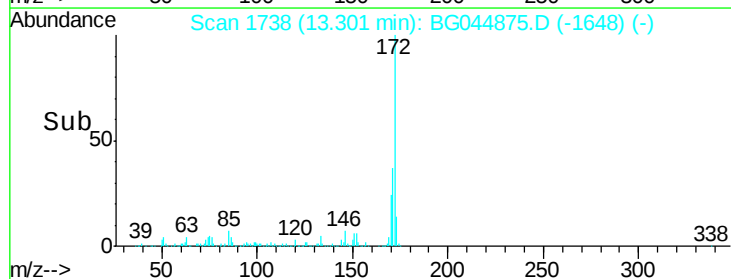
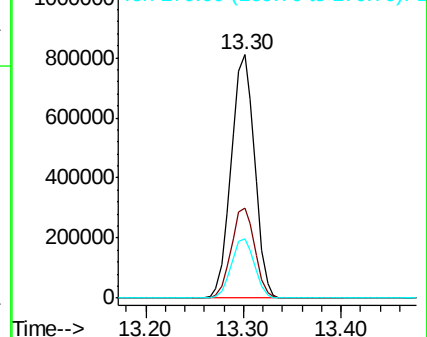
170 24.4 19.0 28.6

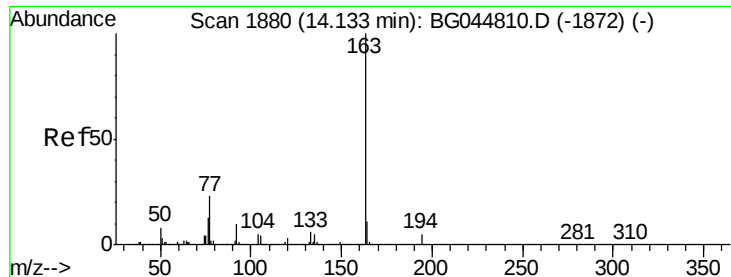


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

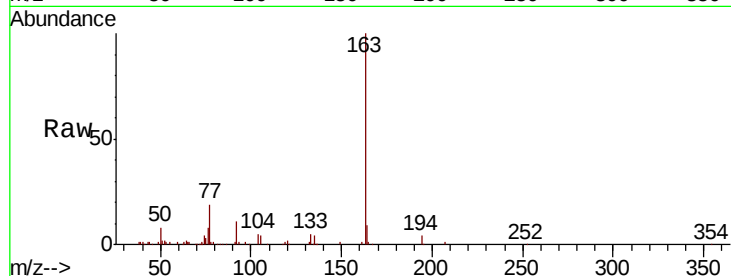




#50
Dimethylphthalate
Concen: 5.349 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG044875.D
Acq: 18 Mar 2020 22:28

Instrument :
BNA_G
ClientSampleId :
GW-TP-10

Tot Ion	163	Resp	91218
Ion Ratio	100		
Lower	3.7		
Upper	5.5		
194	4.2		
164	8.6		
	9.1		
	13.7#		

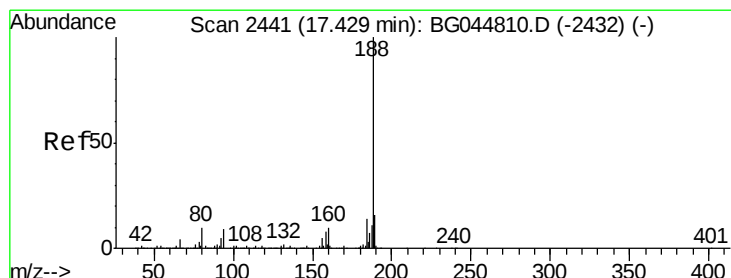
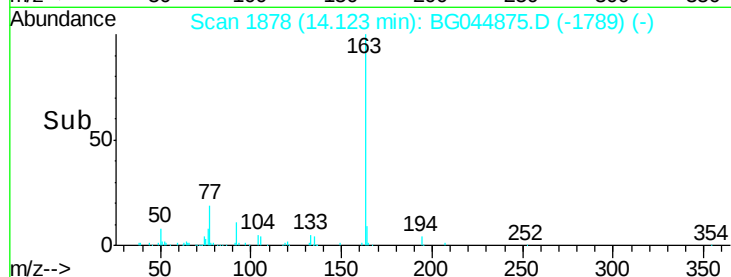
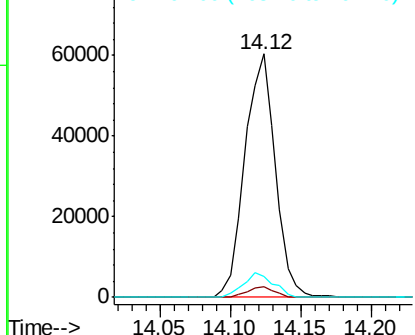


Abundance

Ion 163.00 (162.70 to 163.70): E

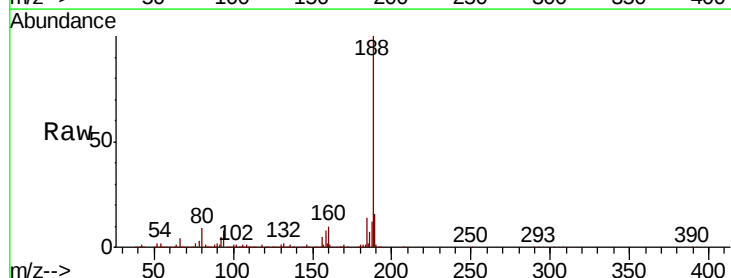
Ion 194.00 (193.70 to 194.70): E

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: BG044875.D
Acq: 18 Mar 2020 22:28

Tgt Ion	188	Resp	473670
Ion Ratio	100		
Lower	7.3		
Upper	10.9		
94	8.0		
80	9.4		
	8.0		
	12.0		

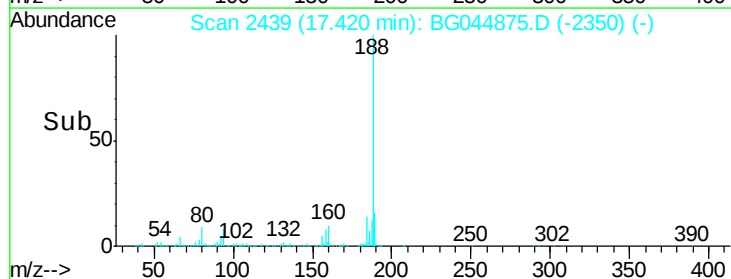
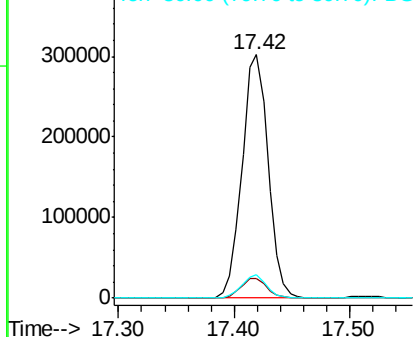


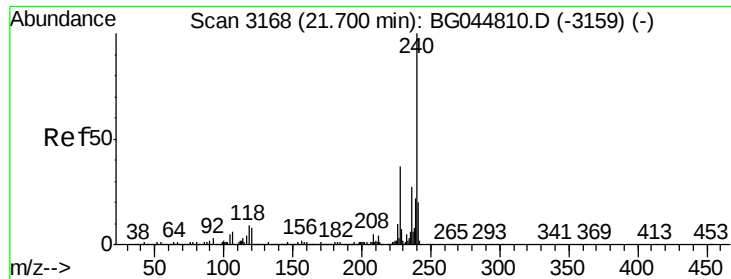
Abundance

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

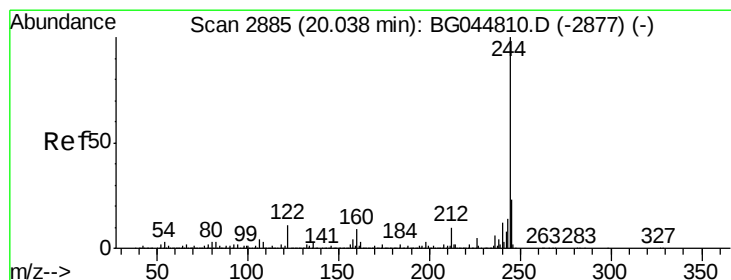
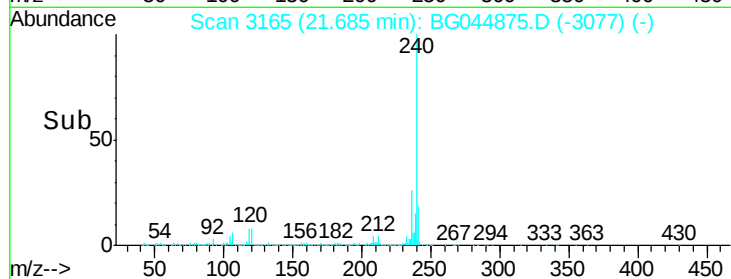
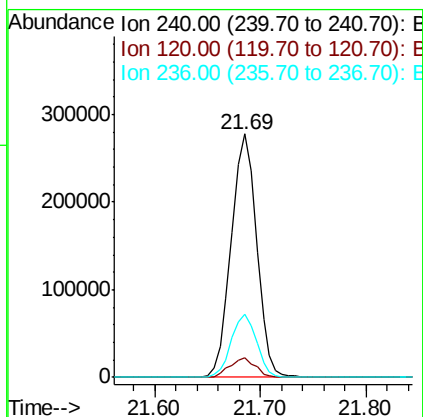
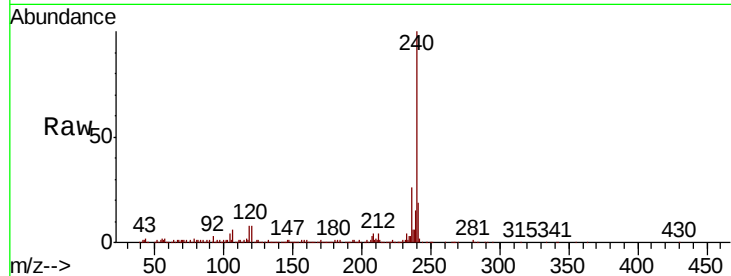




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG044875.D
Acq: 18 Mar 2020 22:28

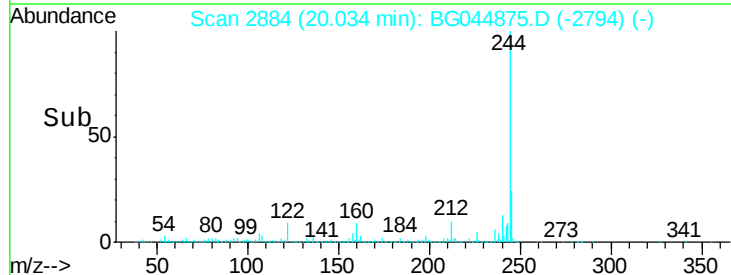
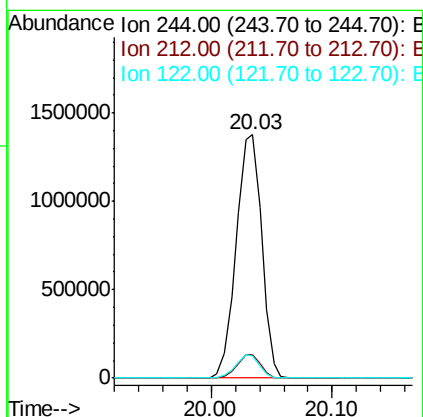
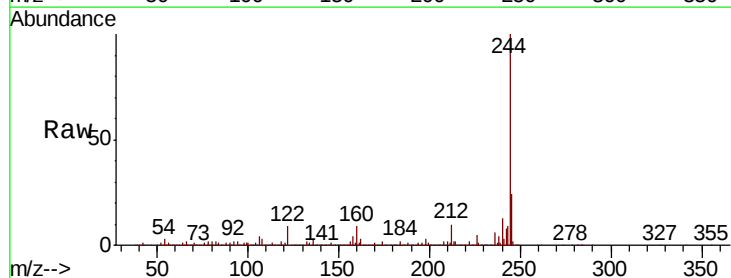
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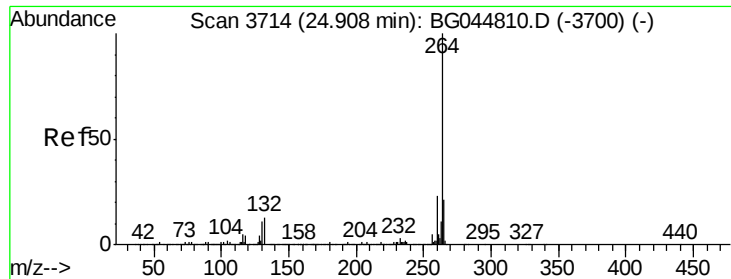
Tot Ion:240 Resp: 461544
Ion Ratio Lower Upper
240 100
120 7.8 6.7 10.1
236 26.1 21.5 32.3



#79
Terphenyl-d14
Concen: 82.221 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.00 min
Lab File: BG044875.D
Acq: 18 Mar 2020 22:28

Tgt Ion:244 Resp: 2028736
Ion Ratio Lower Upper
244 100
212 9.8 7.7 11.5
122 9.1 8.6 12.8

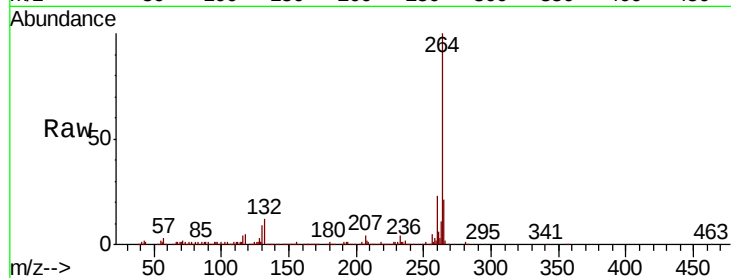




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3710
 Delta R.T. -0.02 min
 Lab File: BG044875.D
 Acq: 18 Mar 2020 22:28

Instrument :
 BNA_G
 ClientSampleId :
 GW-TP-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	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

