

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060920\
 Data File : BG045680.D
 Acq On : 10 Jun 2020 4:36
 Operator : CG/JU
 Sample : L2939-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PHC-326FB-011

Quant Time: Jun 10 06:12:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

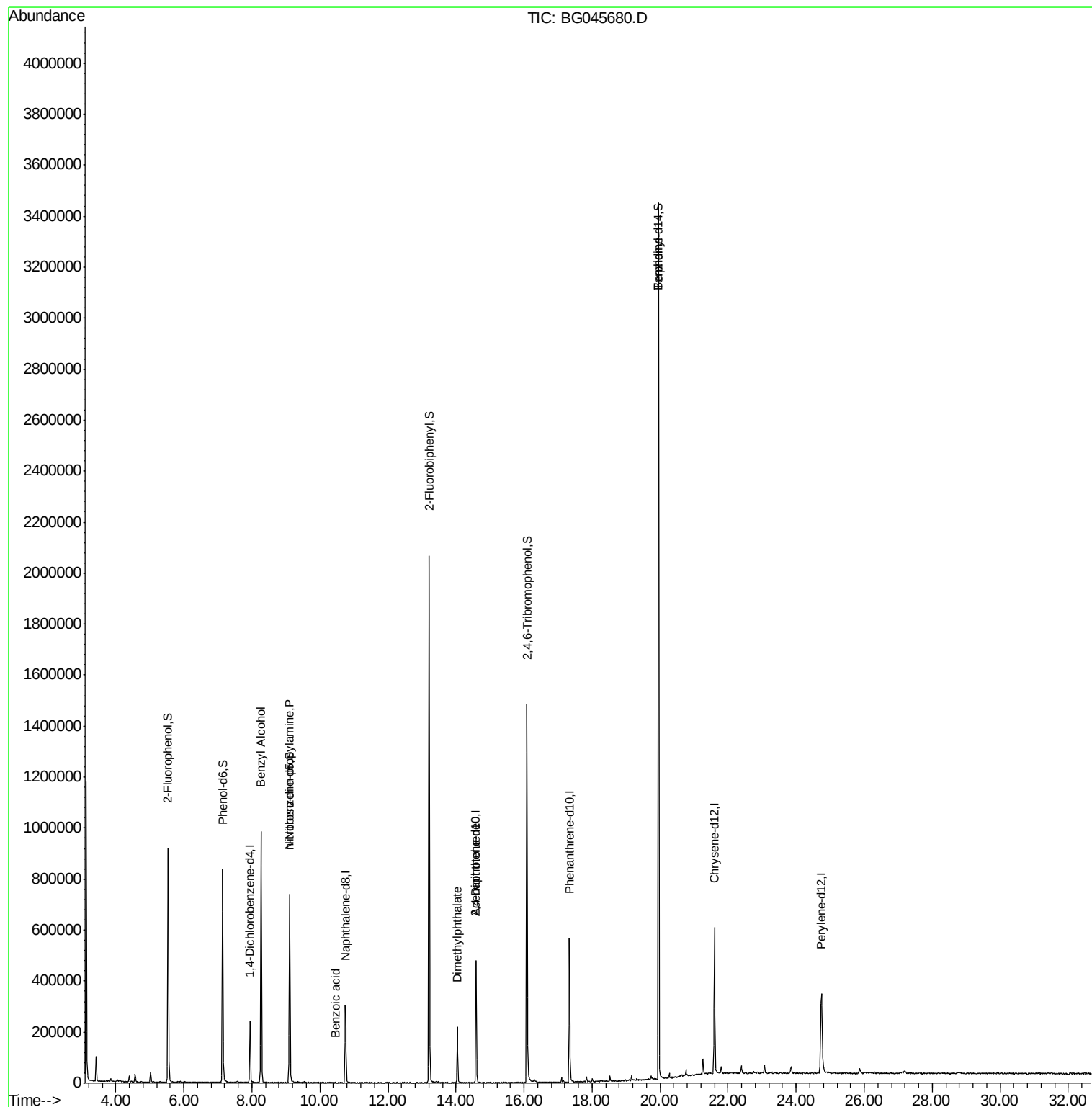
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	68988	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	271080	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	184906	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	399822	20.00	ng	0.00
76) Chrysene-d12	21.59	240	379519	20.00	ng	0.00
87) Perylene-d12	24.74	264	402659	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	442306	125.30	ng	0.00
7) Phenol-d6	7.14	99	532876	106.06	ng	0.00
23) Nitrobenzene-d5	9.11	82	511868	102.97	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	309214	130.76	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1126415	103.33	ng	0.00
79) Terphenyl-d14	19.96	244	1686405	103.64	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.27	79	9475	2.283	ng	# 52
19) n-Nitroso-di-n-propylamine	9.11	70	71608	20.610	ng	# 80
32) Benzoic acid	10.45	122	57	10.042	ng	# 1
50) Dimethylphthalate	14.04	163	151737	11.962	ng	97
57) 2,4-Dinitrotoluene	14.59	165	24616	5.938	ng	# 23
77) Benzidine	19.96	184	33582	3.151	ng	# 88

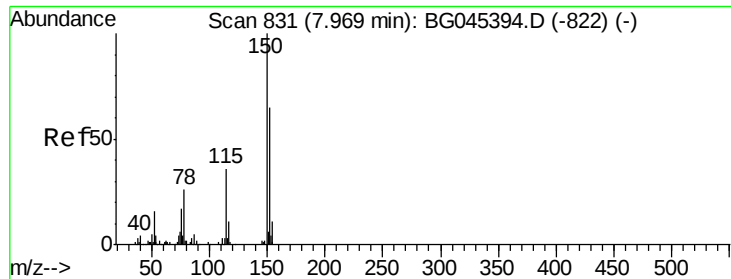
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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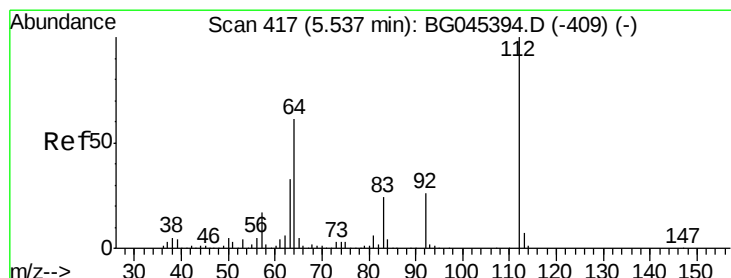
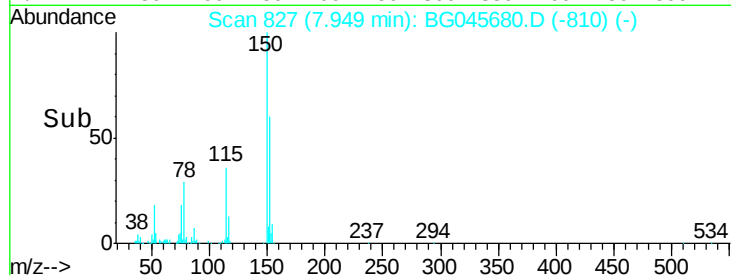
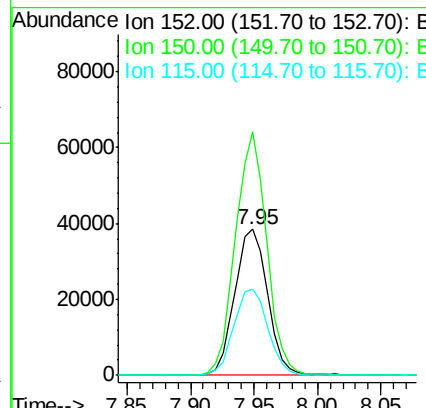
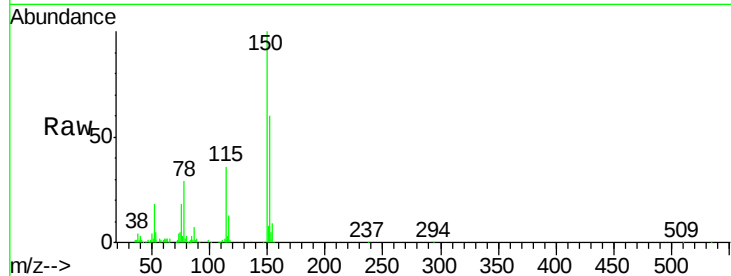


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045680.D
Acq: 10 Jun 2020 4:36

Instrument :
BNA_G
ClientSampleId :
PHC-326FB-011

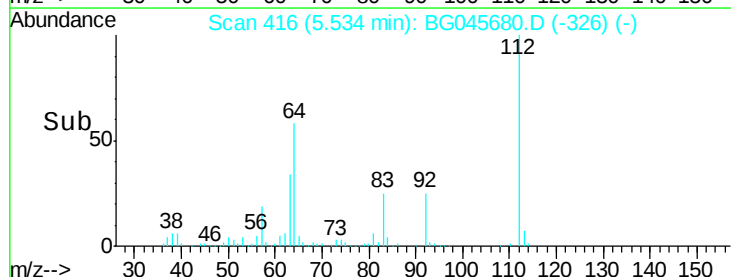
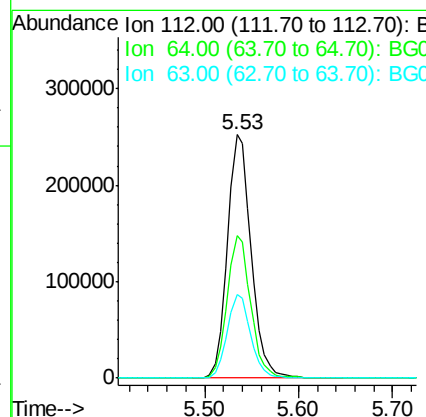
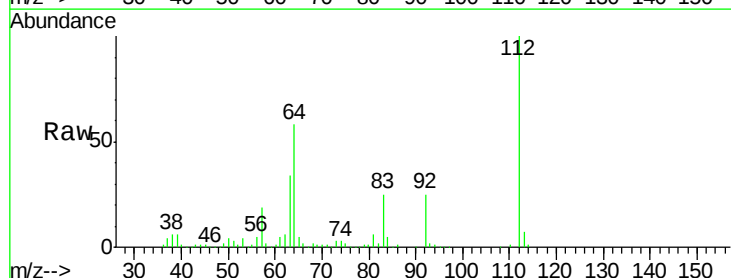
Tot Ion	Ratio	Lower	Upper
152	100		
150	167.0	122.4	183.6
115	59.3	44.2	66.4

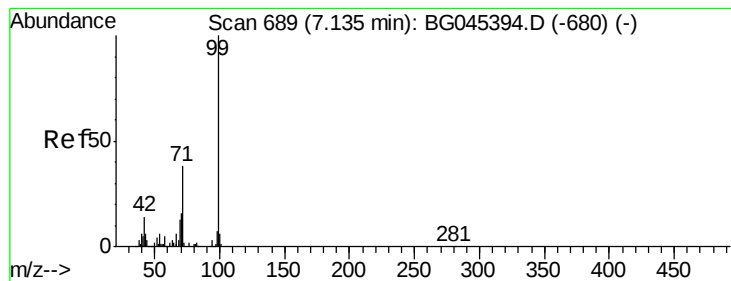


#5

2-Fluorophenol
Concen: 125.297 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG045680.D
Acq: 10 Jun 2020 4:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	48.6	72.8
63	34.3	26.5	39.7





#7

Phenol-d6

Concen: 106.059 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045680.D

Acq: 10 Jun 2020 4:36

Instrument :

BNA_G

ClientSampleId :

PHC-326FB-011

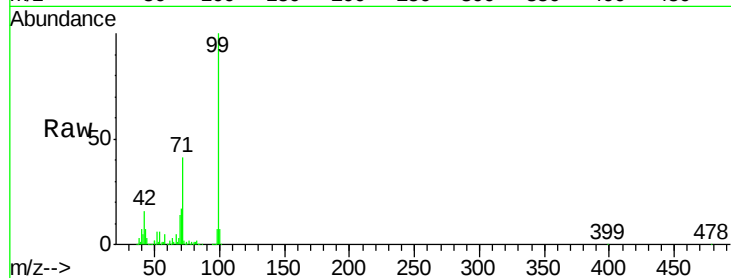
Tot Ion: 99 Resp: 532876

Ion Ratio Lower Upper

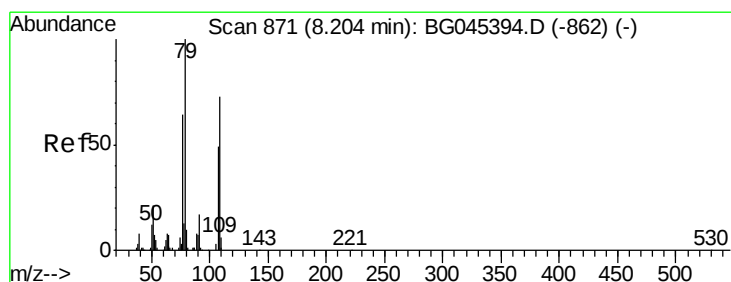
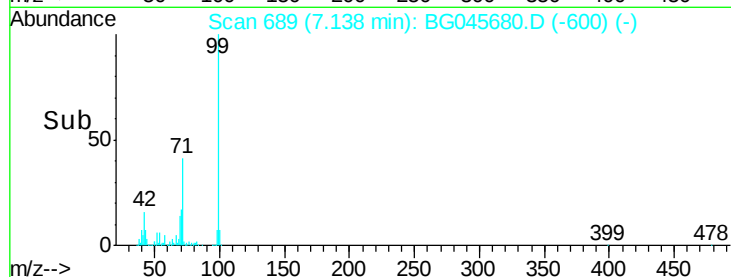
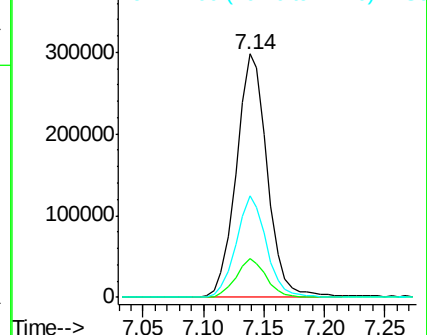
99 100

42 15.9 11.3 16.9

71 41.5 30.8 46.2



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



#15

Benzyl Alcohol

Concen: 2.283 ng

RT: 8.27 min Scan# 881

Delta R.T. 0.07 min

Lab File: BG045680.D

Acq: 10 Jun 2020 4:36

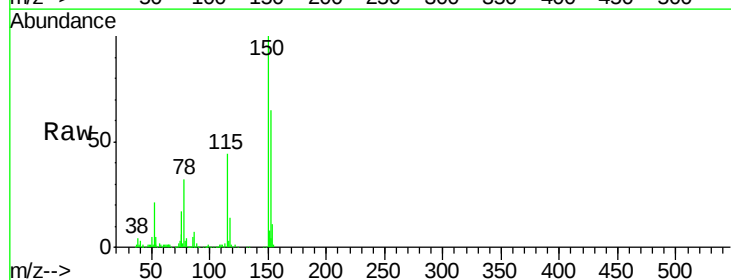
Tgt Ion: 79 Resp: 9475

Ion Ratio Lower Upper

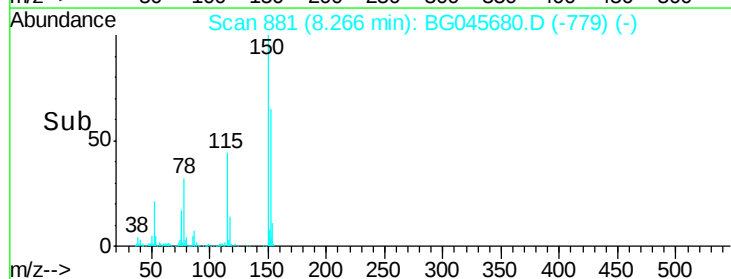
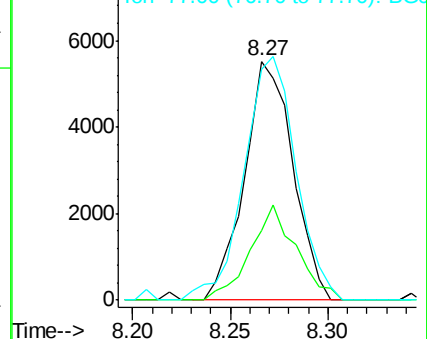
79 100

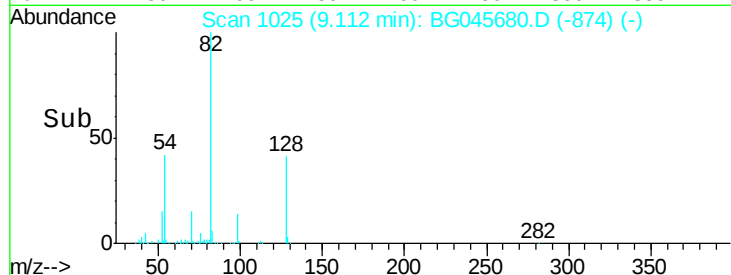
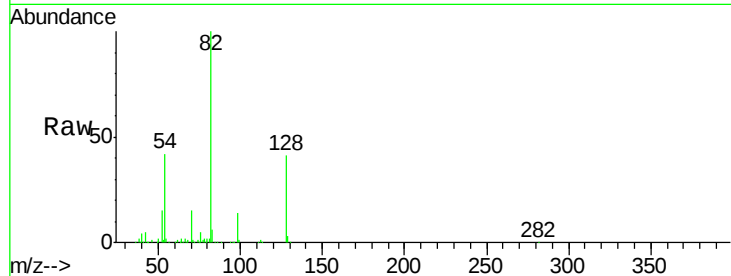
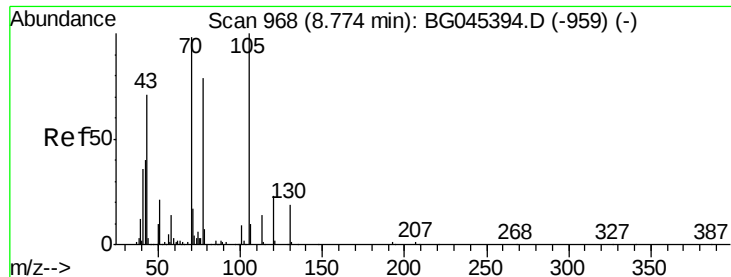
108 29.2 58.2 87.4#

77 96.9 51.0 76.4#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

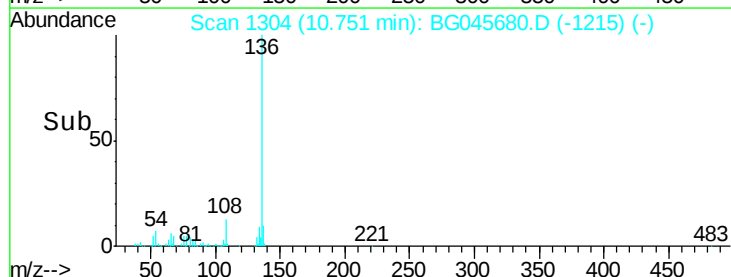
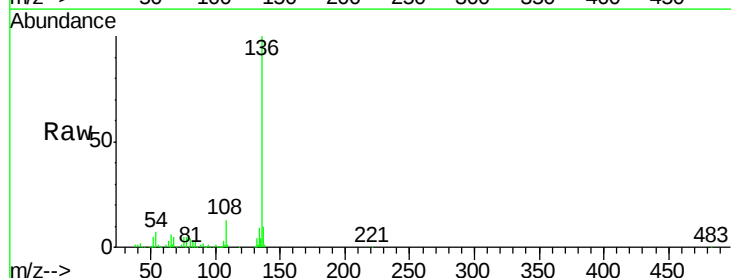
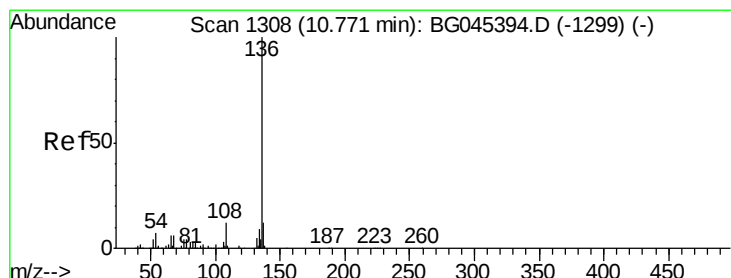
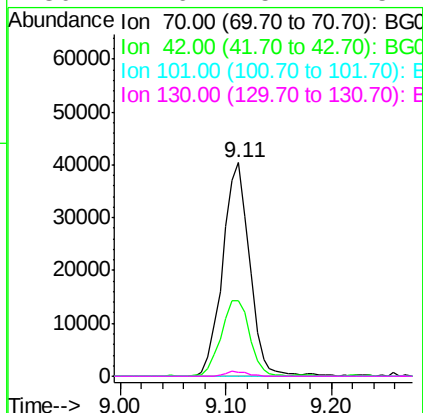




#19
n-Nitroso-di-n-propylamine
Concen: 20.610 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.36 min
Lab File: BG045680.D
Acq: 10 Jun 2020 4:36

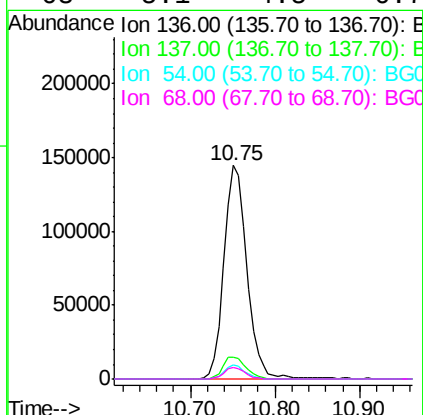
Instrument :
BNA_G
ClientSampleId :
PHC-326FB-011

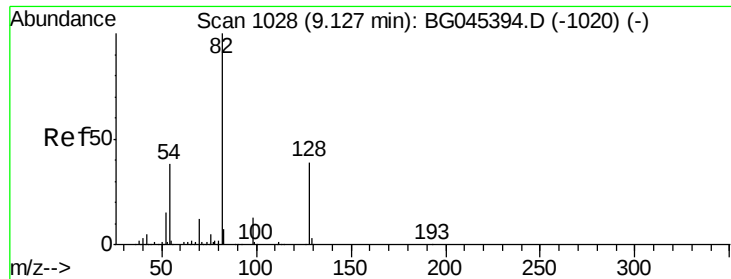
Tot Ion	Ratio	Lower	Upper
70	100		
42	35.1	33.2	49.8
101	0.0	7.8	11.6#
130	1.6	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045680.D
Acq: 10 Jun 2020 4:36

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.4	14.2
54	6.8	5.8	8.6
68	5.1	4.5	6.7

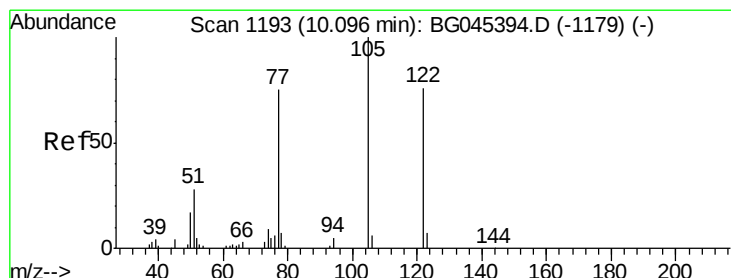
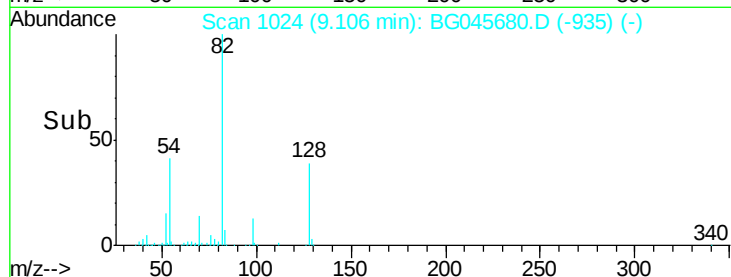
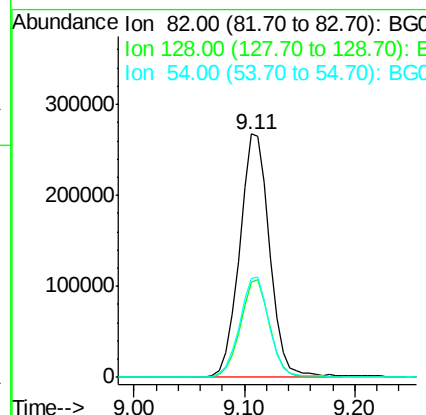
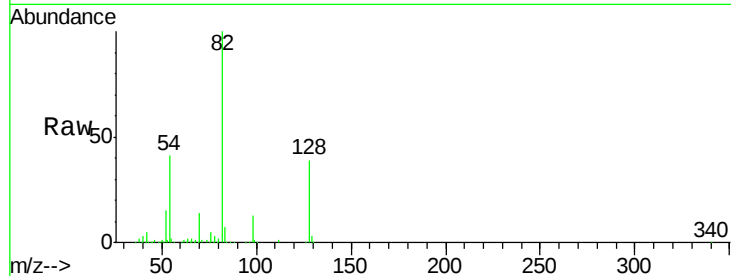




#23
 Nitrobenzene-d5
 Concen: 102.969 ng
 RT: 9.11 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG045680.D
 Acq: 10 Jun 2020 4:36

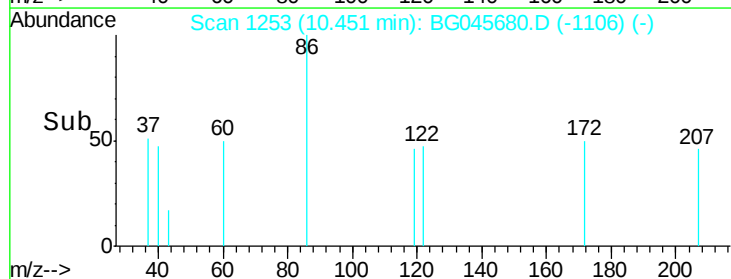
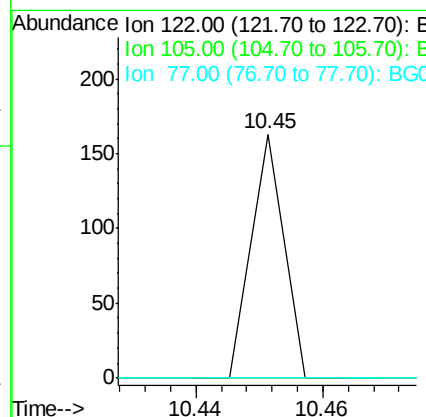
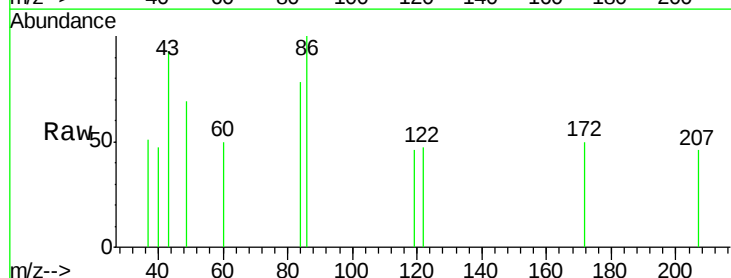
Instrument :
 BNA_G
 ClientSampleId :
 PHC-326FB-011

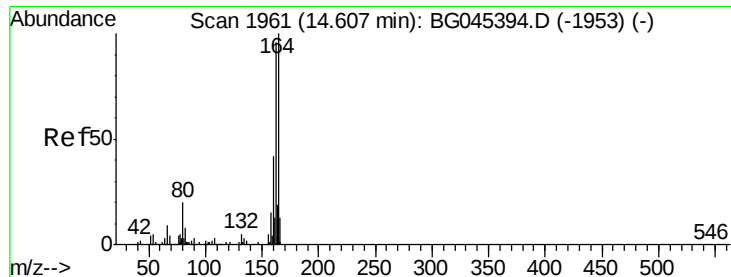
Tot Ion	82	Resp	511868
Ion Ratio	Lower	Upper	
82	100		
128	39.0	30.9	46.3
54	40.5	30.3	45.5



#32
 Benzoic acid
 Concen: 10.042 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. 0.33 min
 Lab File: BG045680.D
 Acq: 10 Jun 2020 4:36

Tgt Ion	122	Resp	57
Ion Ratio	Lower	Upper	
122	100		
105	0.0	107.9	147.9#
77	0.0	78.9	118.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG045680.D

Acq: 10 Jun 2020 4:36

Instrument :

BNA_G

ClientSampleId :

PHC-326FB-011

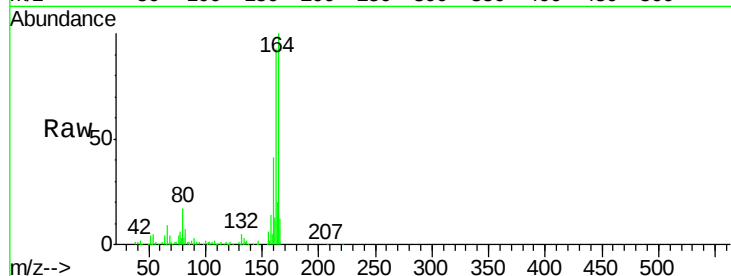
Tot Ion:164 Resp: 184906

Ion Ratio Lower Upper

164 100

162 93.4 76.9 115.3

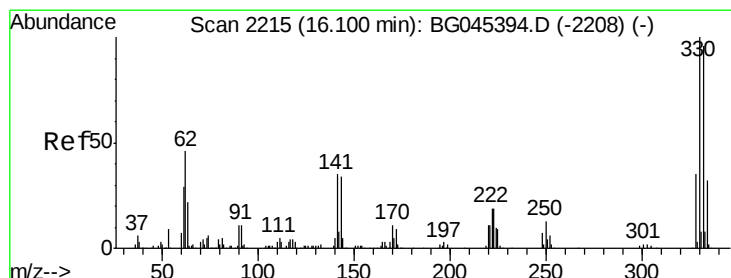
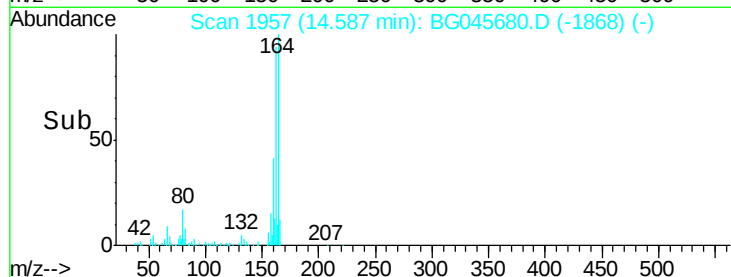
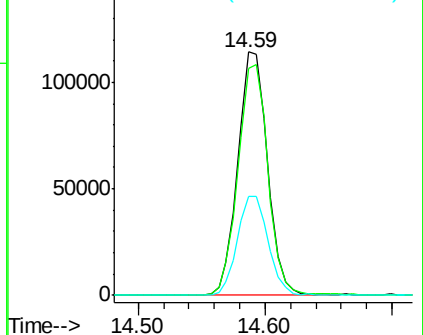
160 40.6 33.8 50.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 130.760 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045680.D

Acq: 10 Jun 2020 4:36

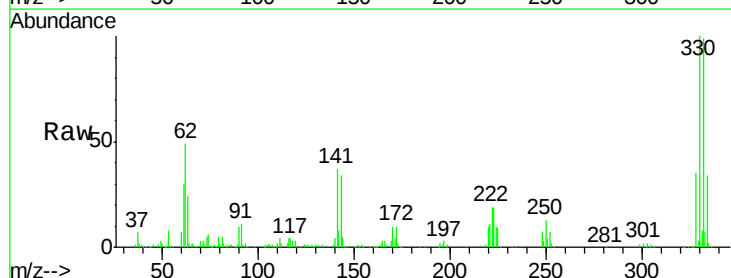
Tgt Ion:330 Resp: 309214

Ion Ratio Lower Upper

330 100

332 97.6 78.2 117.4

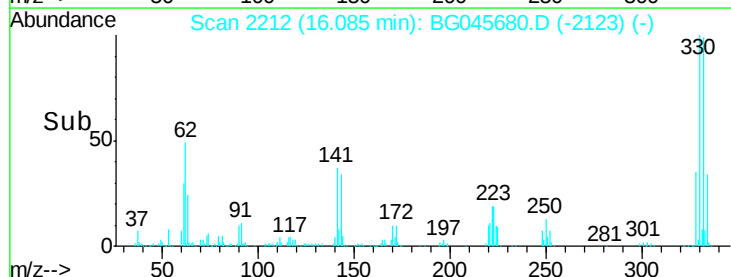
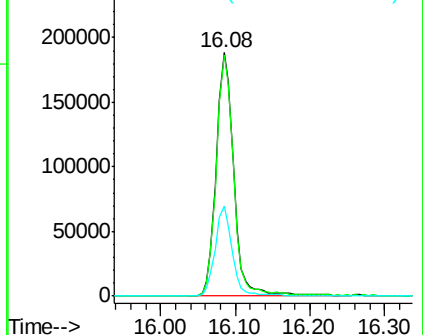
141 36.0 28.2 42.4

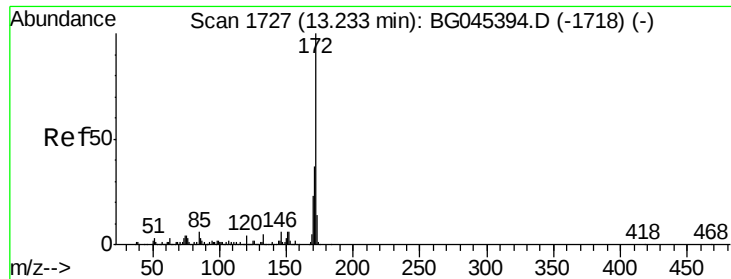


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

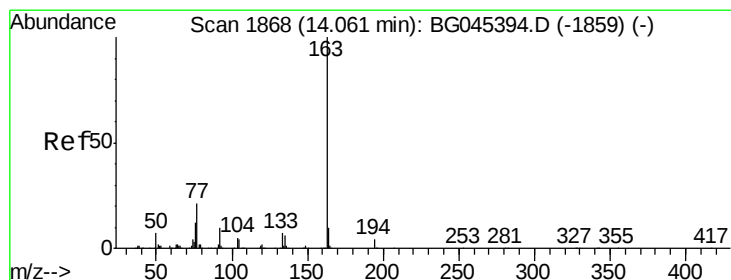
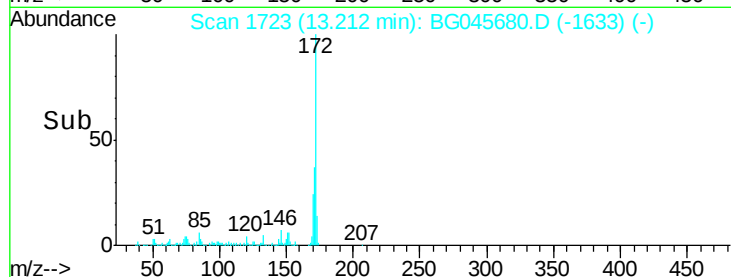
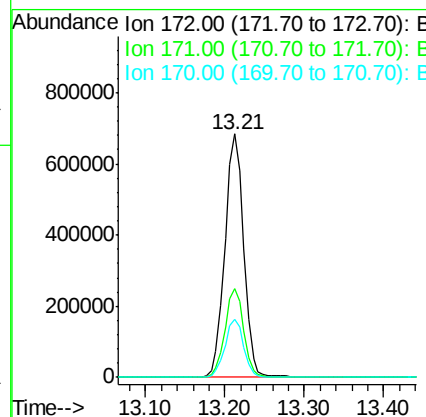
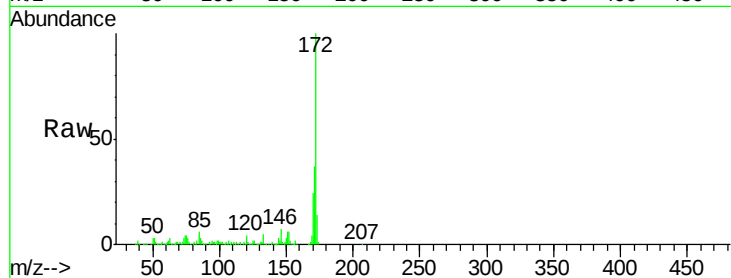




#45
2-Fluorobiphenyl
Concen: 103.330 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG045680.D
Acq: 10 Jun 2020 4:36

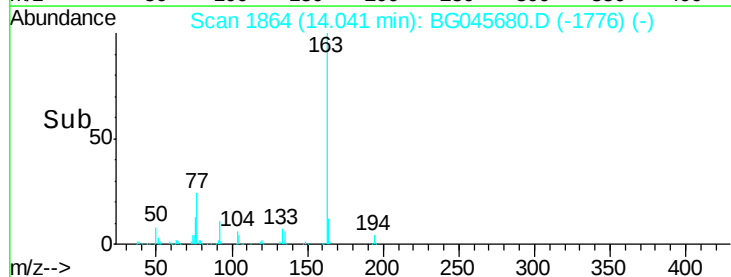
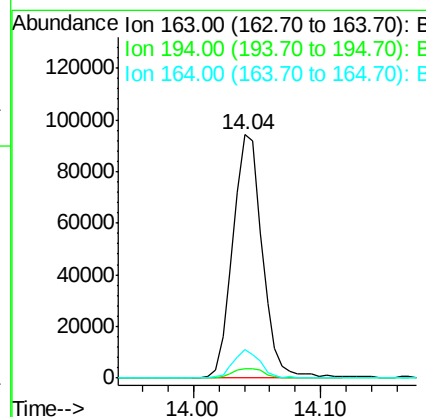
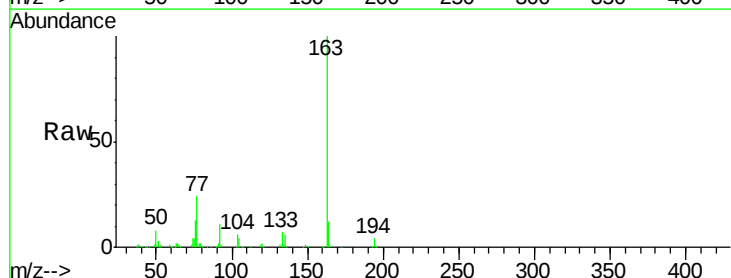
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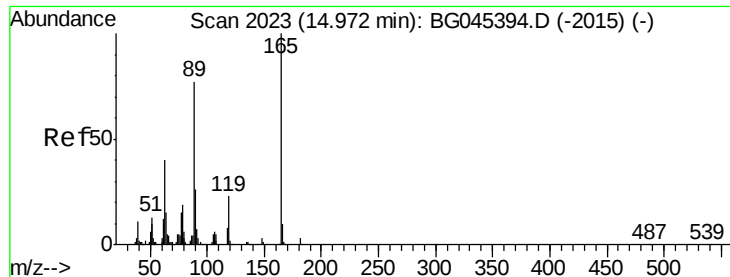
Tot Ion:172 Resp: 1126415
Ion Ratio Lower Upper
172 100
171 36.5 29.5 44.3
170 23.9 18.5 27.7



#50
Dimethylphthalate
Concen: 11.962 ng
RT: 14.04 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BG045680.D
Acq: 10 Jun 2020 4:36

Tgt Ion:163 Resp: 151737
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 11.9 8.3 12.5

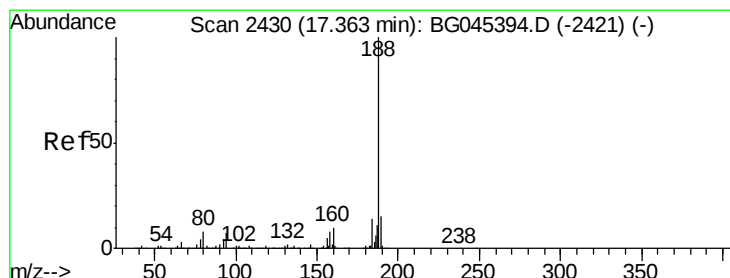
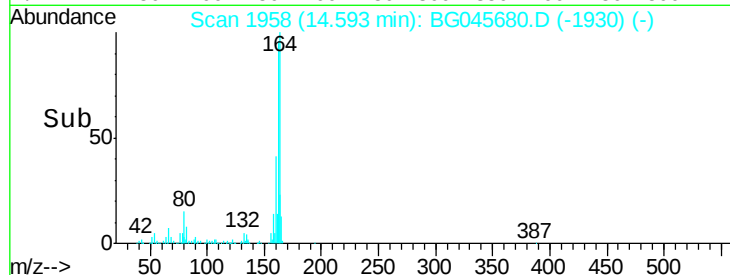
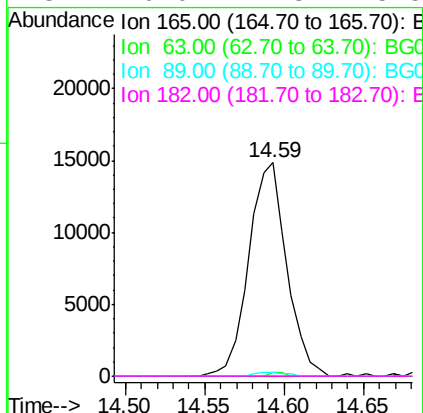
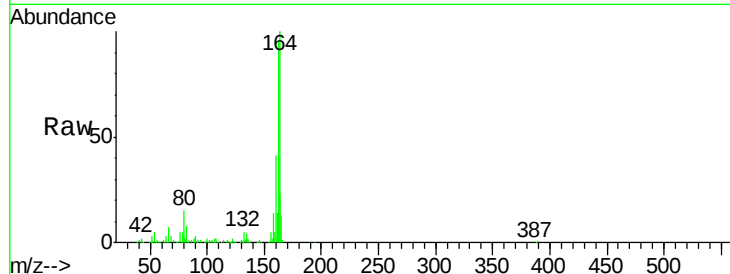




#57
 2,4-Dinitrotoluene
 Concen: 5.938 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.37 min
 Lab File: BG045680.D
 Acq: 10 Jun 2020 4:36

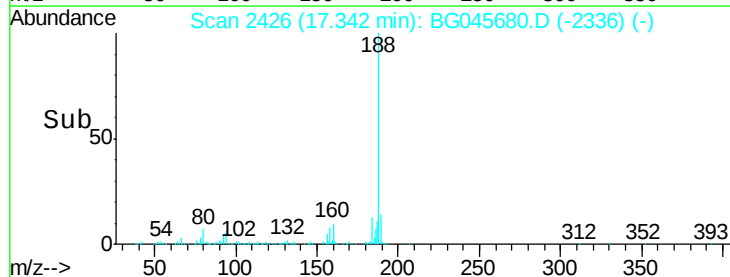
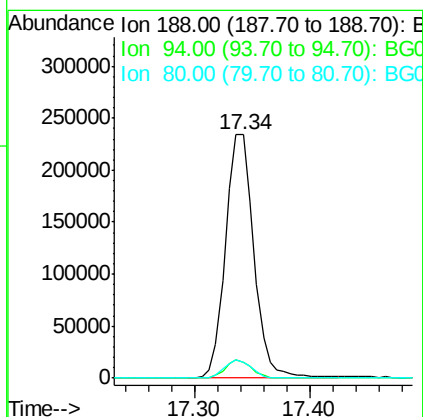
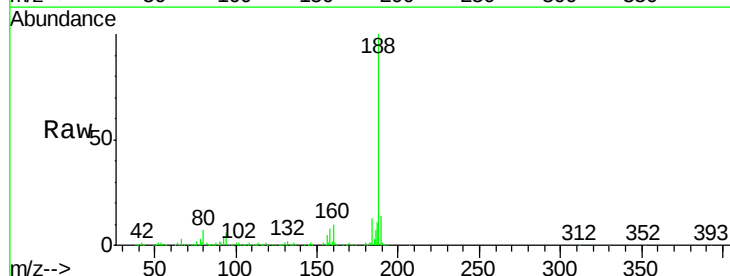
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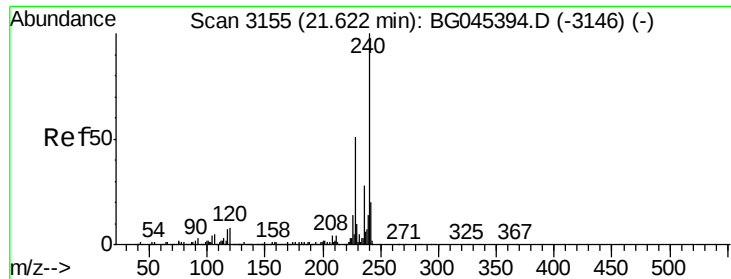
Tot Ion:165 Resp: 24616
 Ion Ratio Lower Upper
 165 100
 63 1.6 32.5 48.7#
 89 1.9 61.8 92.6#
 182 0.0 2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.34 min Scan# 2426
 Delta R.T. -0.00 min
 Lab File: BG045680.D
 Acq: 10 Jun 2020 4:36

Tgt Ion:188 Resp: 399822
 Ion Ratio Lower Upper
 188 100
 94 6.2 5.5 8.3
 80 6.6 6.6 10.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG045680.D

Acq: 10 Jun 2020 4:36

Instrument :

BNA_G

ClientSampleId :

PHC-326FB-011

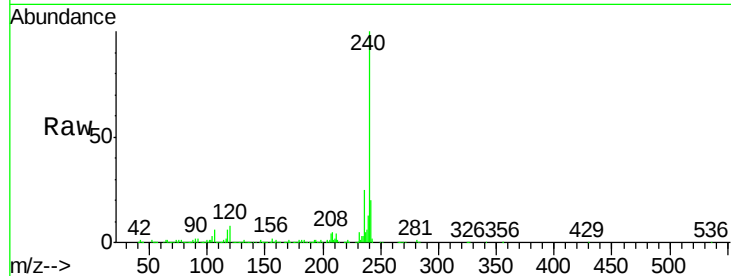
Tot Ion:240 Resp: 379519

Ion Ratio Lower Upper

240 100

120 8.0 6.1 9.1

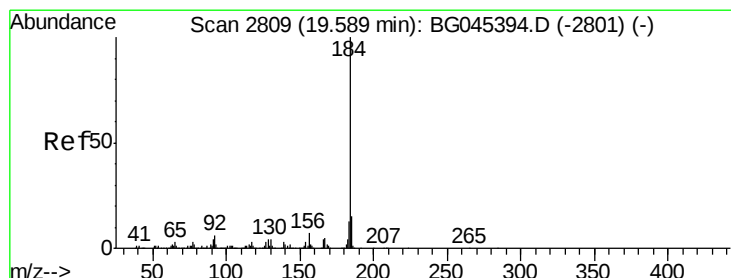
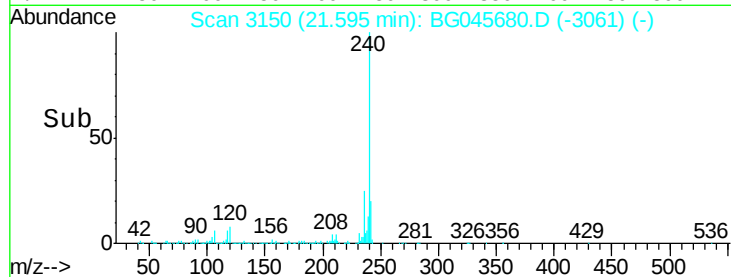
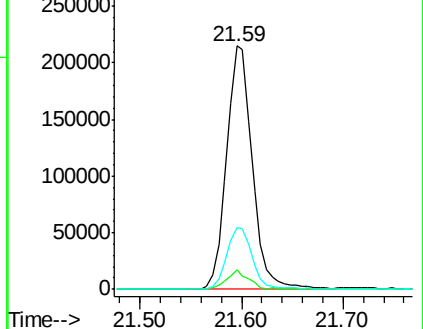
236 25.5 22.3 33.5



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



#77

Benzidine

Concen: 3.151 ng

RT: 19.96 min Scan# 2871

Delta R.T. 0.38 min

Lab File: BG045680.D

Acq: 10 Jun 2020 4:36

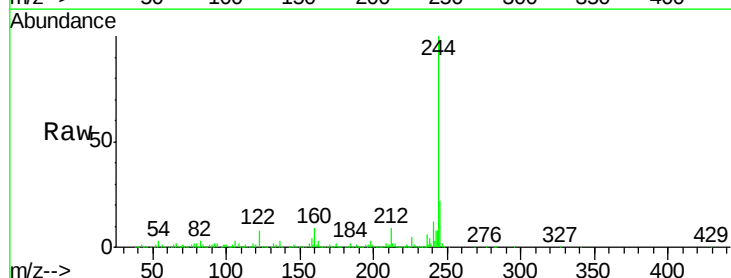
Tgt Ion:184 Resp: 33582

Ion Ratio Lower Upper

184 100

185 15.8 11.7 17.5

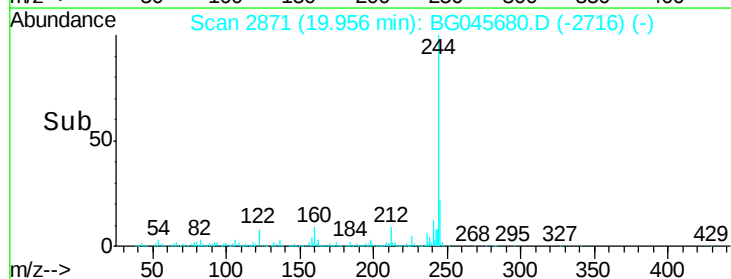
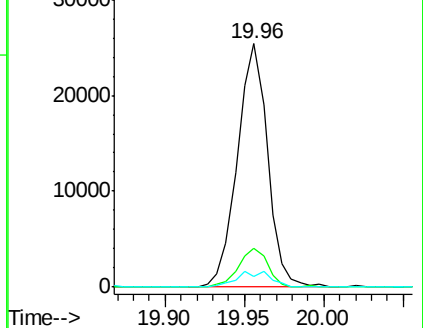
183 4.4 10.2 15.4#

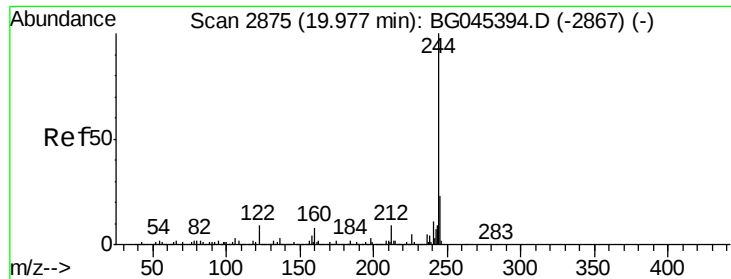


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 103.636 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045680.D

Acq: 10 Jun 2020 4:36

Instrument :

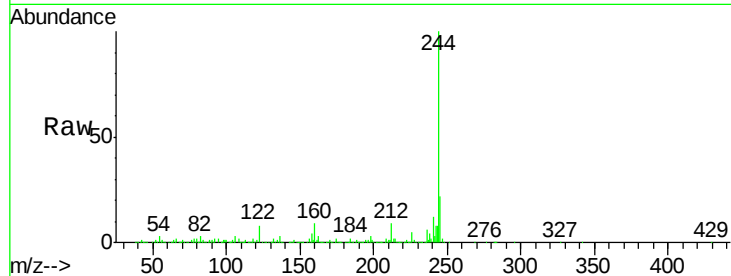
BNA_G

ClientSampleId :

PHC-326FB-011

Tot Ion:244 Resp: 1686405

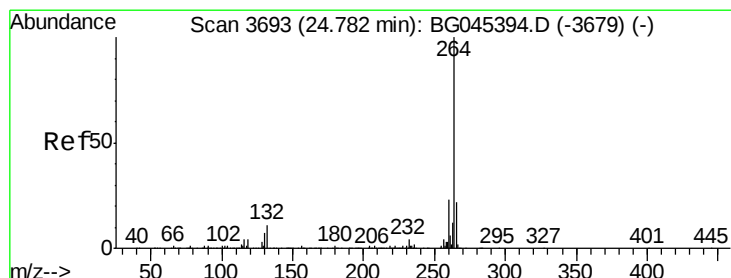
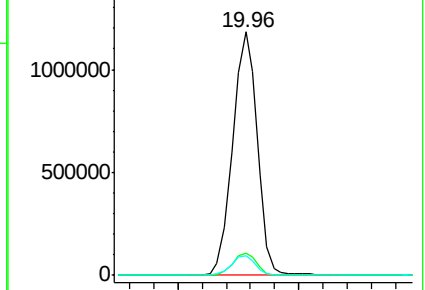
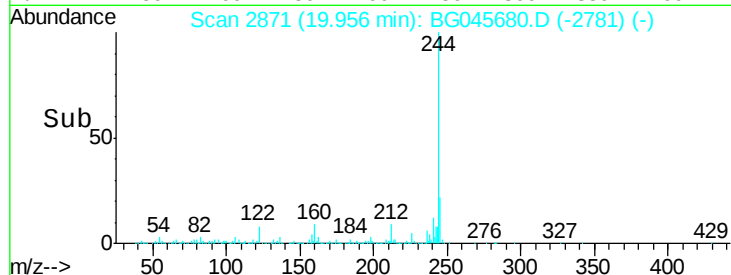
Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.4	11.0
122	7.8	6.8	10.2



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

Perylene-d12

Concen: 20.000 ng

RT: 24.74 min Scan# 3686

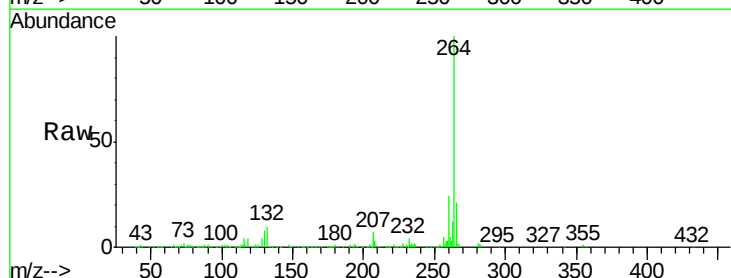
Delta R.T. -0.01 min

Lab File: BG045680.D

Acq: 10 Jun 2020 4:36

Tgt Ion:264 Resp: 402659

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	21.1	17.6	26.4



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

