

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060920\
 Data File : BG045681.D
 Acq On : 10 Jun 2020 5:16
 Operator : CG/JU
 Sample : L2939-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PHC-326FB-010

Quant Time: Jun 10 06:12:23 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

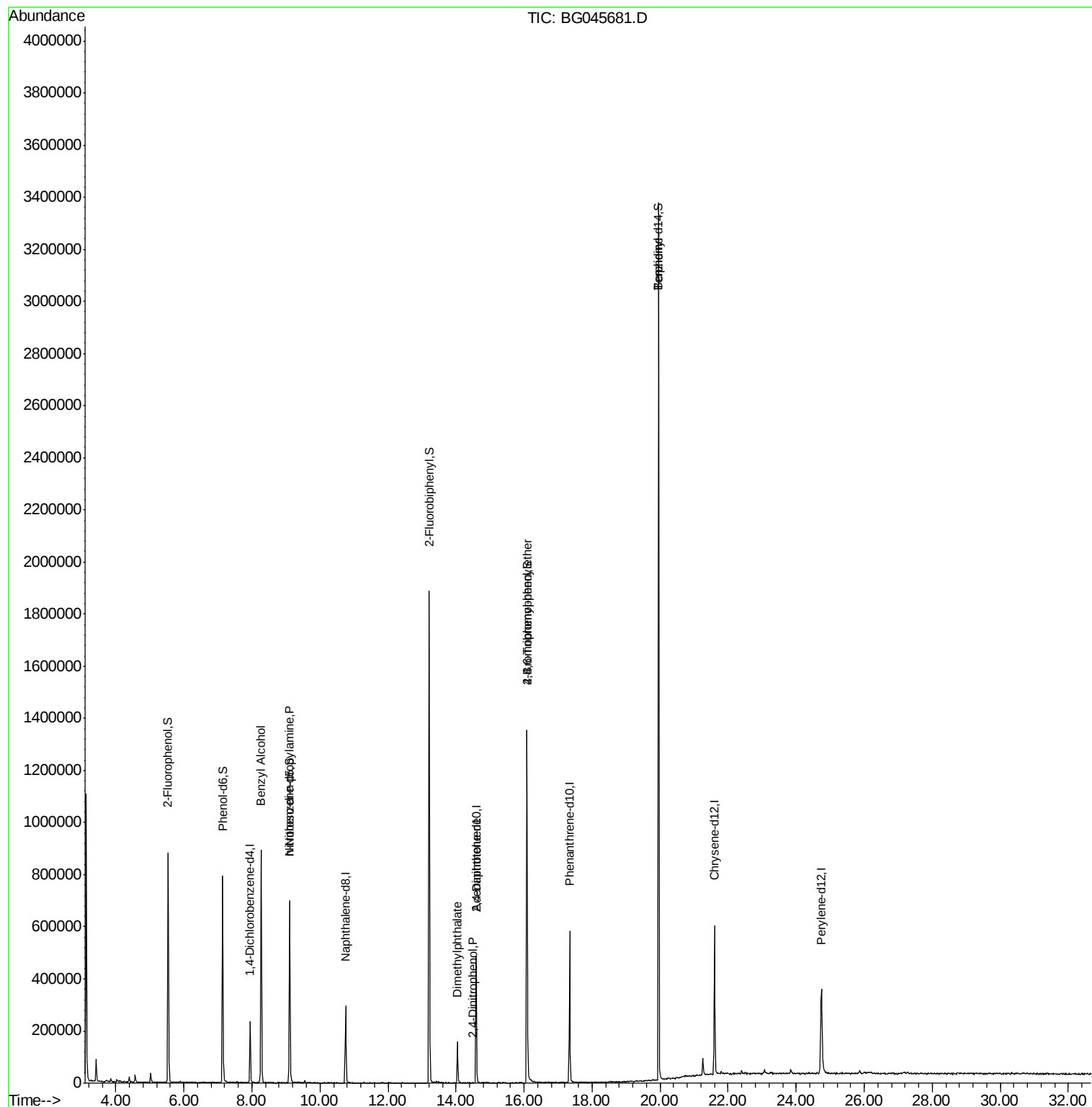
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	67868	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	269311	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	182950	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	400773	20.00	ng	0.00
76) Chrysene-d12	21.60	240	384272	20.00	ng	0.00
87) Perylene-d12	24.74	264	396130	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	431119	124.14	ng	0.00
7) Phenol-d6	7.14	99	533572	107.95	ng	0.00
23) Nitrobenzene-d5	9.11	82	479210	97.03	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	288488	123.30	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1042399	96.65	ng	0.00
79) Terphenyl-d14	19.95	244	1593372	96.71	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.27	79	8277	2.027	ng	# 51
19) n-Nitroso-di-n-propylamine	9.11	70	67260	19.678	ng	# 82
50) Dimethylphthalate	14.04	163	116046	9.247	ng	# 98
54) 2,4-Dinitrophenol	14.50	184	57	5.488	ng	# 17
57) 2,4-Dinitrotoluene	14.59	165	23772	5.796	ng	# 23
67) 4-Bromophenyl-phenylether	16.08	248	20097	4.631	ng	# 1
77) Benizidine	19.95	184	30553	2.831	ng	# 90

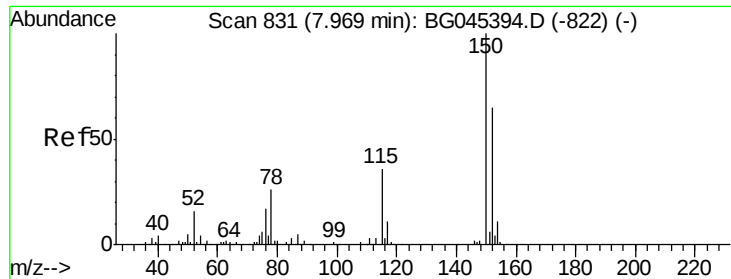
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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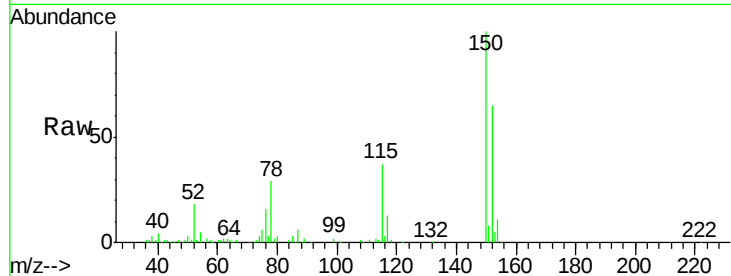


#1

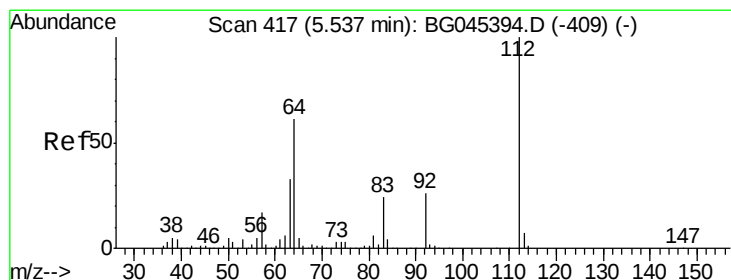
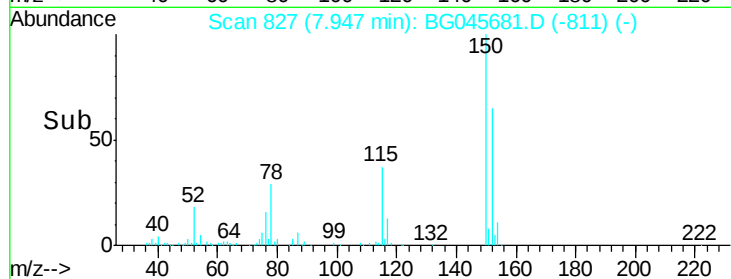
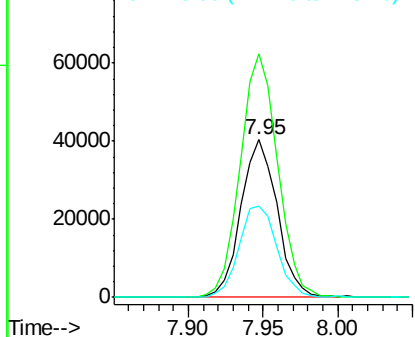
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045681.D
Acq: 10 Jun 2020 5:16

Instrument :
BNA_G
ClientSampleId :
PHC-326FB-010

Tot Ion:152 Resp: 67868
Ion Ratio Lower Upper
152 100
150 154.5 122.4 183.6
115 57.9 44.2 66.4



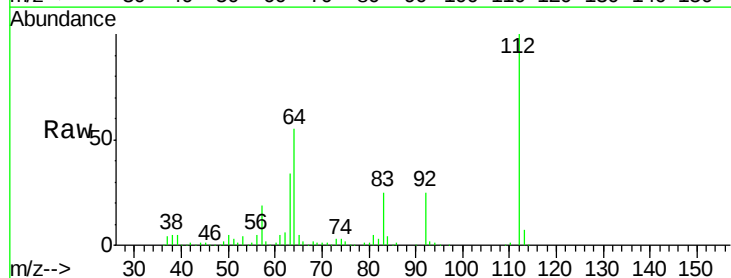
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



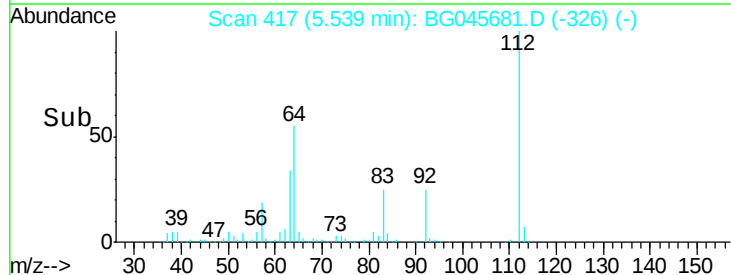
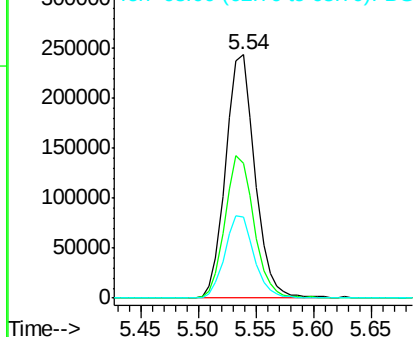
#5

2-Fluorophenol
Concen: 124.143 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045681.D
Acq: 10 Jun 2020 5:16

Tgt Ion:112 Resp: 431119
Ion Ratio Lower Upper
112 100
64 55.3 48.6 72.8
63 33.6 26.5 39.7



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





#7

Phenol-d6

Concen: 107.950 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045681.D

Acq: 10 Jun 2020 5:16

Instrument :

BNA_G

ClientSampleId :

PHC-326FB-010

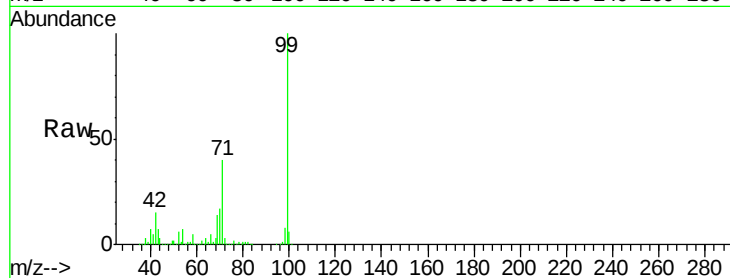
Tot Ion: 99 Resp: 533572

Ion Ratio Lower Upper

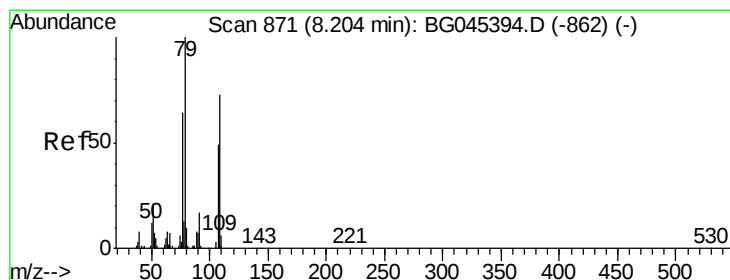
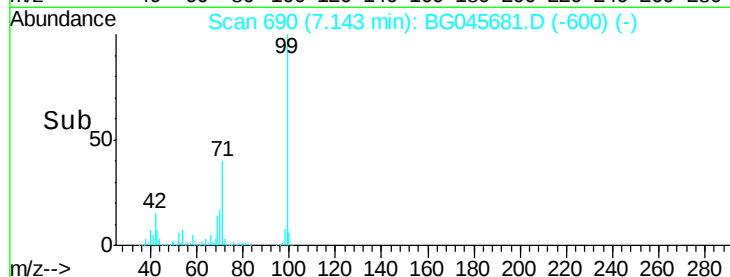
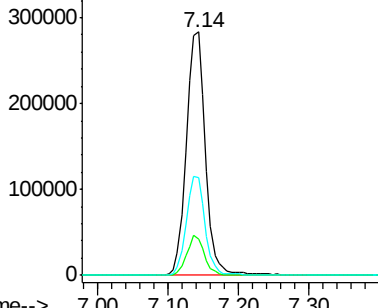
99 100

42 15.0 11.3 16.9

71 40.3 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: 2.027 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.07 min

Lab File: BG045681.D

Acq: 10 Jun 2020 5:16

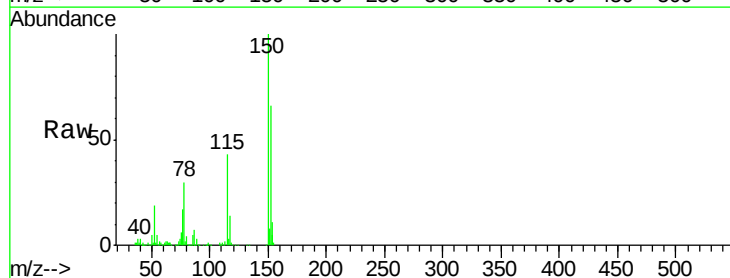
Tgt Ion: 79 Resp: 8277

Ion Ratio Lower Upper

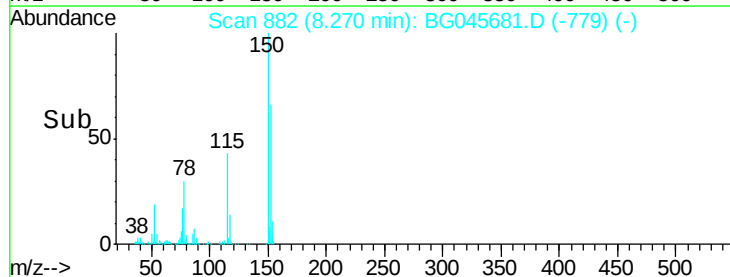
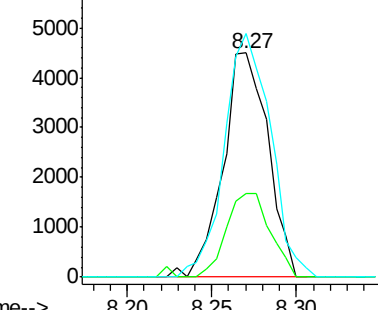
79 100

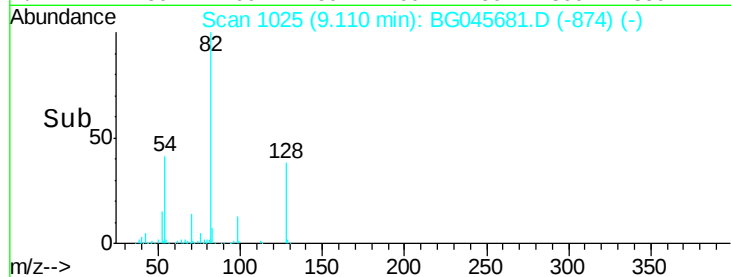
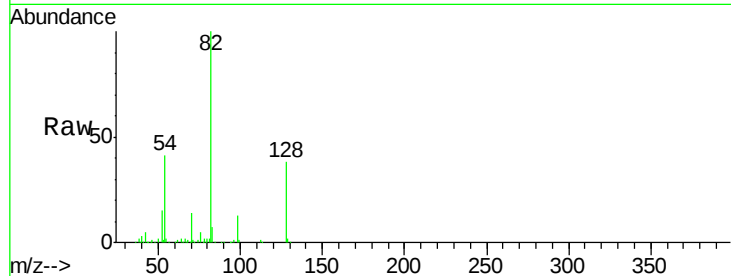
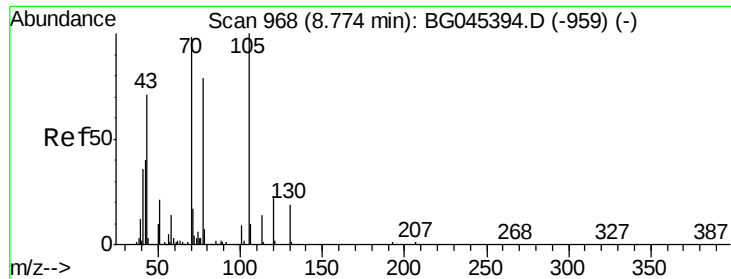
108 37.4 58.2 87.4#

77 108.5 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

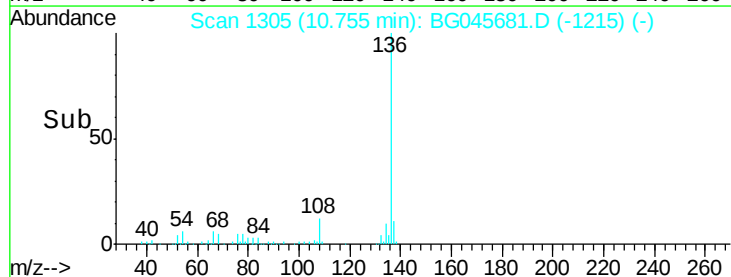
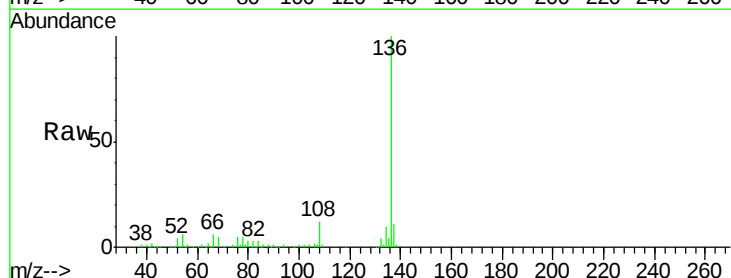
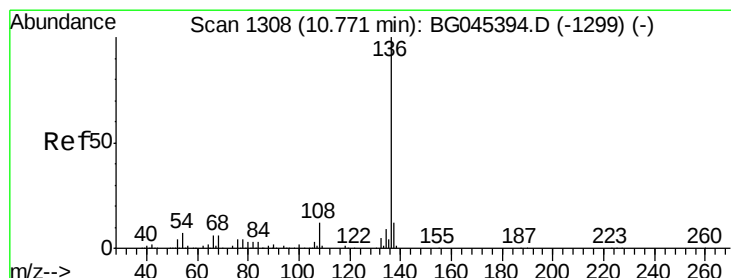
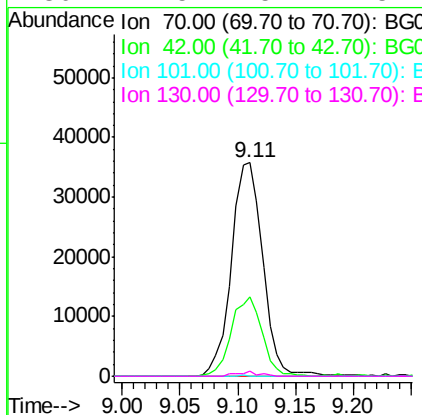




#19
n-Nitroso-di-n-propylamine
Concen: 19.678 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.35 min
Lab File: BG045681.D
Acq: 10 Jun 2020 5:16

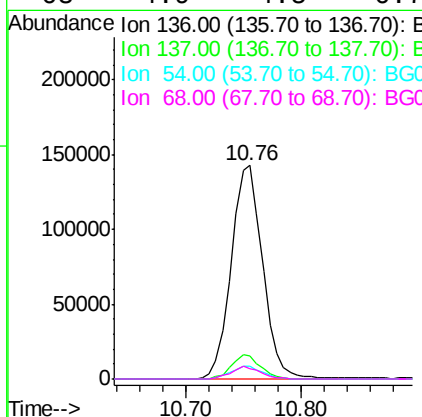
Instrument :
BNA_G
ClientSampleId :
PHC-326FB-010

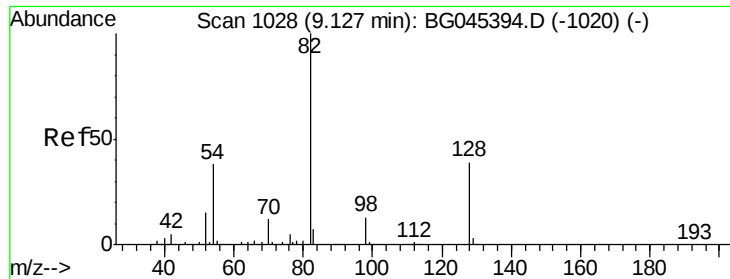
Tot Ion: 70 Resp: 67260
Ion Ratio Lower Upper
70 100
42 37.3 33.2 49.8
101 0.0 7.8 11.6#
130 2.5 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG045681.D
Acq: 10 Jun 2020 5:16

Tgt Ion:136 Resp: 269311
Ion Ratio Lower Upper
136 100
137 10.7 9.4 14.2
54 5.7 5.8 8.6#
68 4.9 4.5 6.7

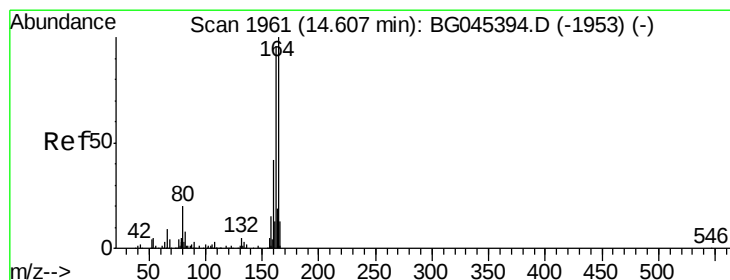
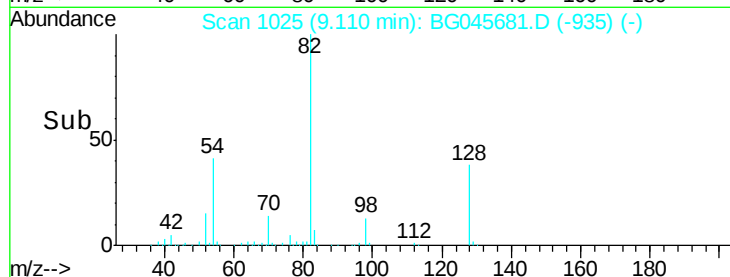
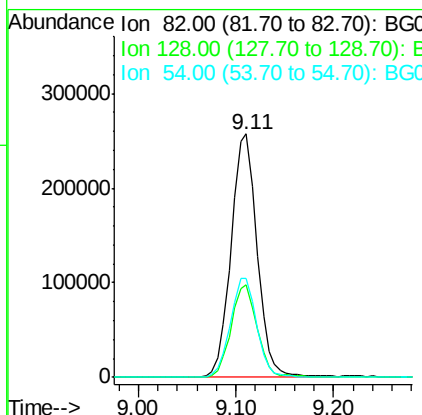
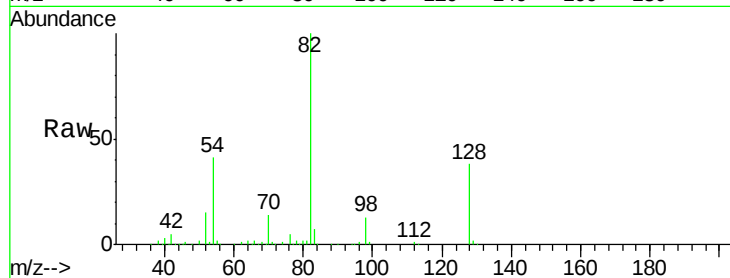




#23
Nitrobenzene-d5
Concen: 97.033 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045681.D
Acq: 10 Jun 2020 5:16

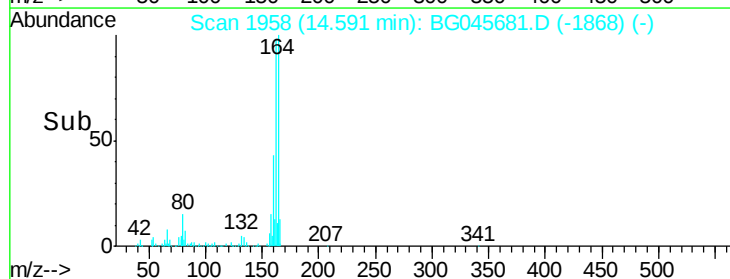
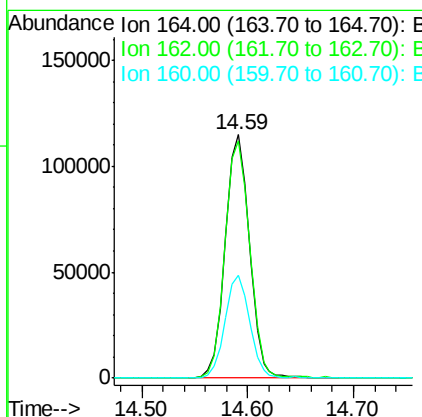
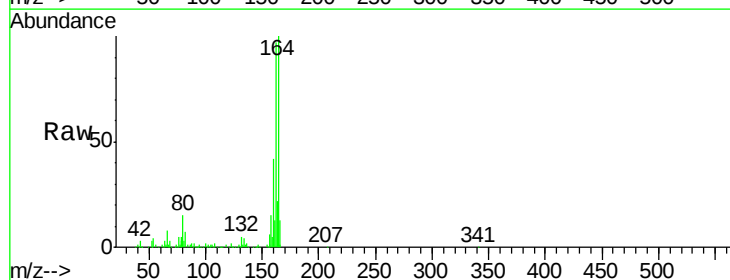
Instrument :
BNA_G
ClientSampleId :
PHC-326FB-010

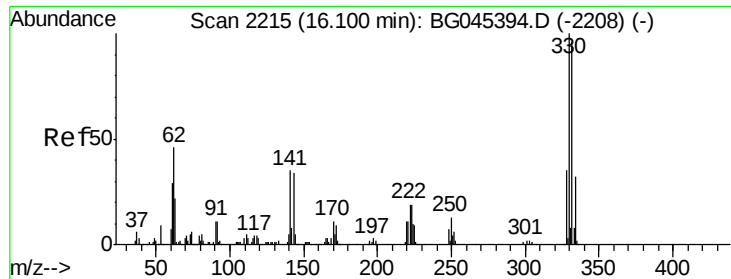
Tot Ion	82	Resp	479210
Ion Ratio	Lower	Upper	
82	100		
128	37.8	30.9	46.3
54	40.8	30.3	45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG045681.D
Acq: 10 Jun 2020 5:16

Tgt Ion	164	Resp	182950
Ion Ratio	Lower	Upper	
164	100		
162	97.4	76.9	115.3
160	42.4	33.8	50.8

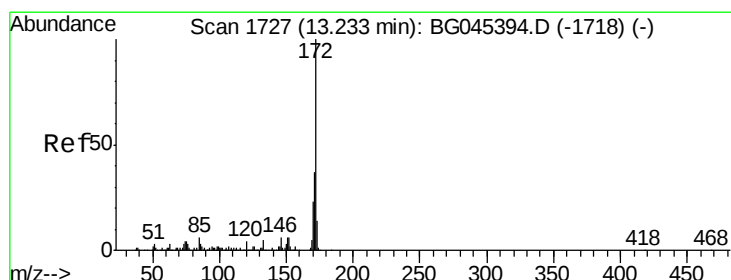
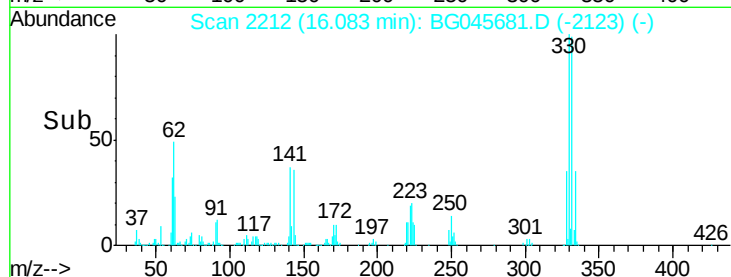
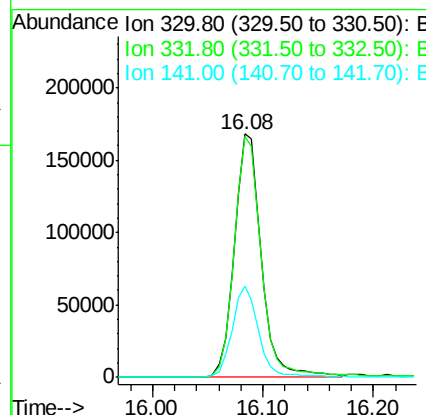
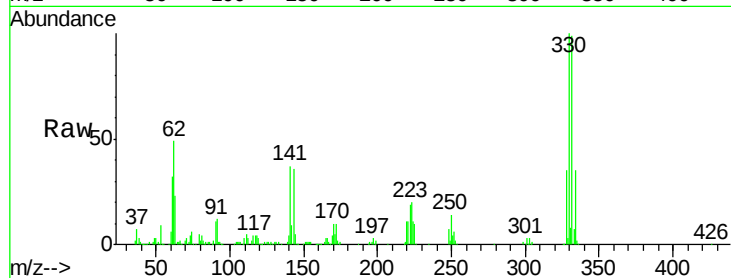




#42
 2,4,6-Tribromophenol
 Concen: 123.300 ng
 RT: 16.08 min Scan# 2212
 Delta R.T. -0.01 min
 Lab File: BG045681.D
 Acq: 10 Jun 2020 5:16

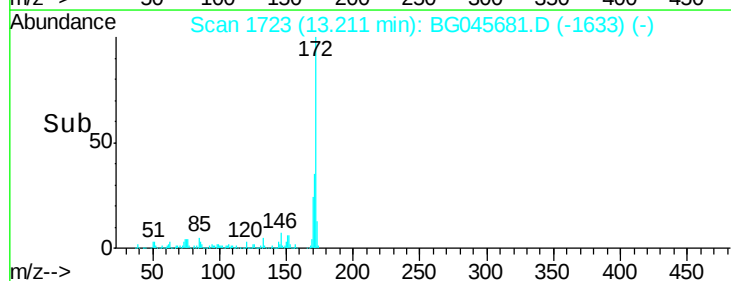
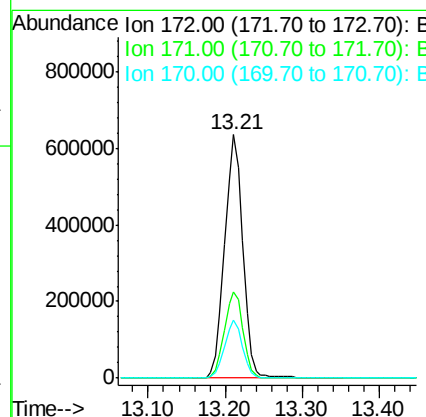
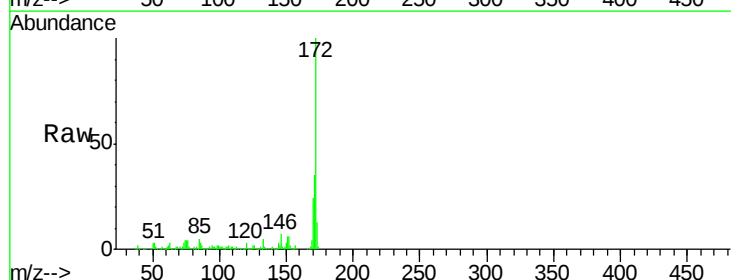
Instrument :
 BNA_G
 ClientSampleId :
 PHC-326FB-010

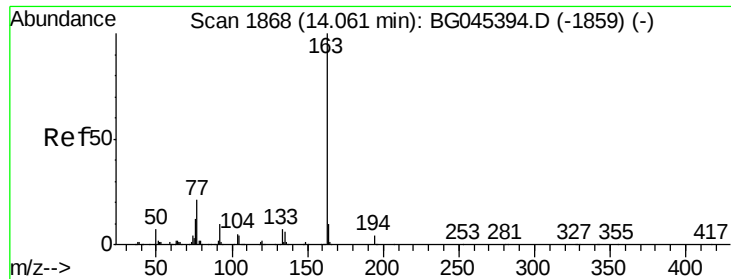
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.5	78.2	117.4
141	36.6	28.2	42.4



#45
 2-Fluorobiphenyl
 Concen: 96.645 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG045681.D
 Acq: 10 Jun 2020 5:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.5	44.3
170	23.9	18.5	27.7





#50

Dimethylphthalate

Concen: 9.247 ng

RT: 14.04 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045681.D

Acq: 10 Jun 2020 5:16

Instrument :

BNA_G

ClientSampleId :

PHC-326FB-010

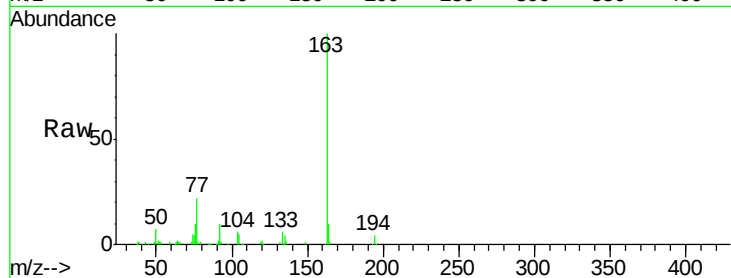
Tot Ion:163 Resp: 116046

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

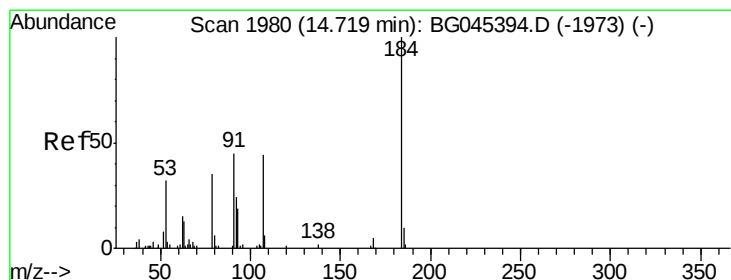
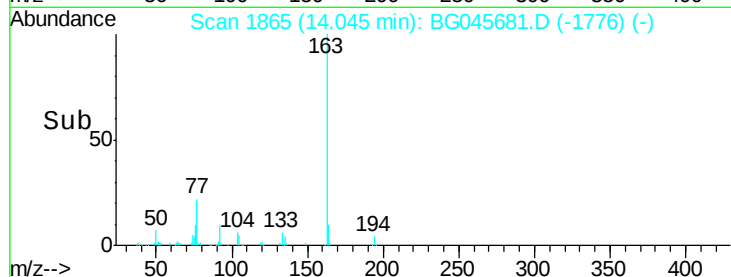
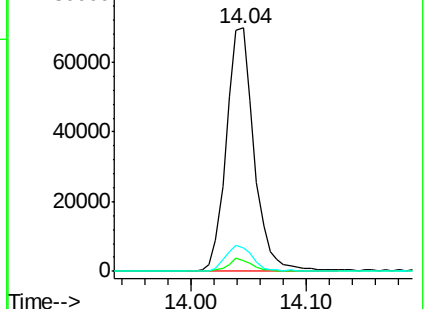
164 9.8 8.3 12.5



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



#54

2,4-Dinitrophenol

Concen: 5.488 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.22 min

Lab File: BG045681.D

Acq: 10 Jun 2020 5:16

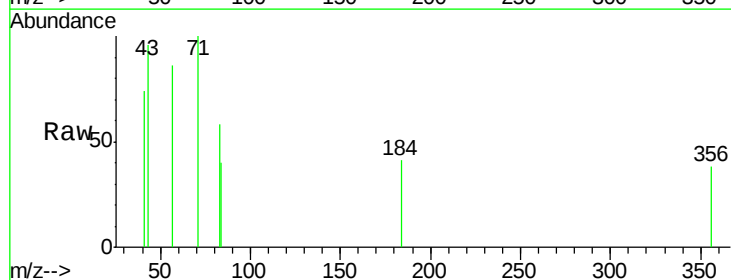
Tgt Ion:184 Resp: 57

Ion Ratio Lower Upper

184 100

63 0.0 47.8 71.6#

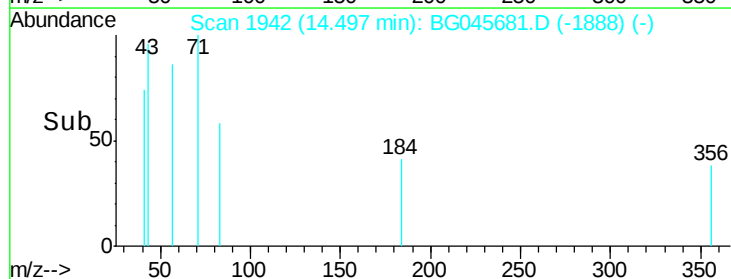
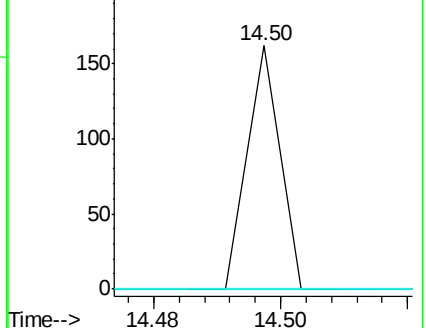
154 0.0 58.3 87.5#

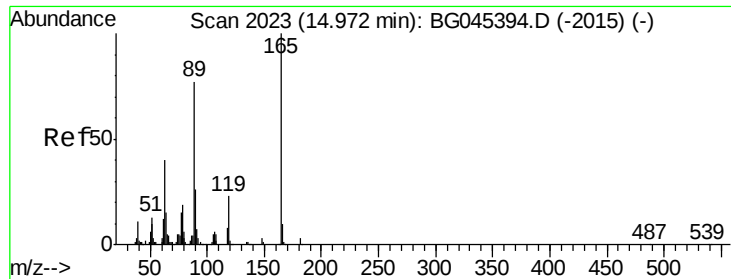


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E





#57

2,4-Dinitrotoluene

Concen: 5.796 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.37 min

Lab File: BG045681.D

Acq: 10 Jun 2020 5:16

Instrument :

BNA_G

ClientSampleId :

PHC-326FB-010

Tot Ion:165 Resp: 23772

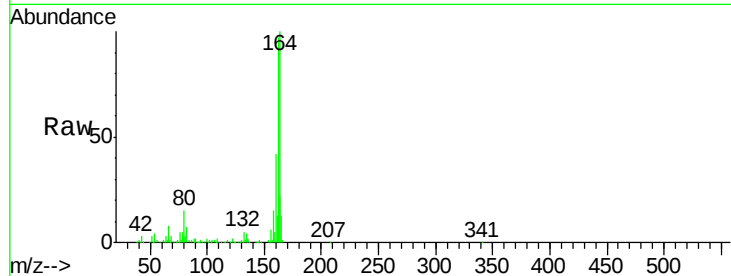
Ion Ratio Lower Upper

165 100

63 1.7 32.5 48.7#

89 2.1 61.8 92.6#

182 0.0 2.3 3.5#

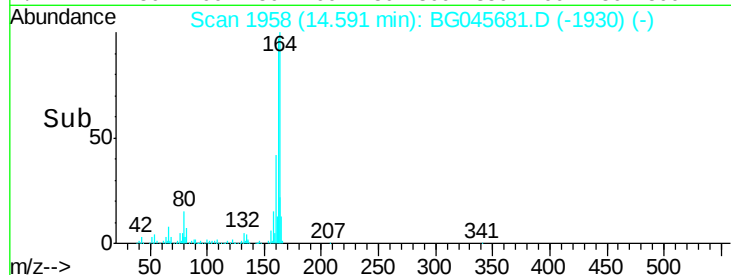


Abundance Ion 165.00 (164.70 to 165.70): E

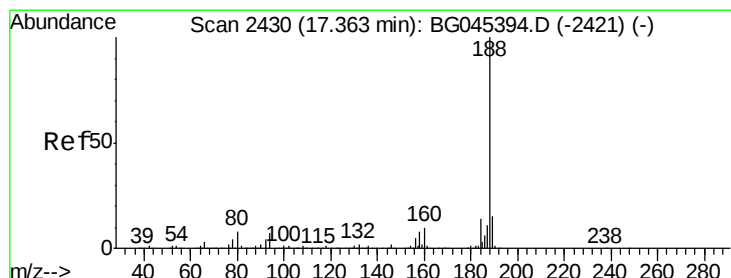
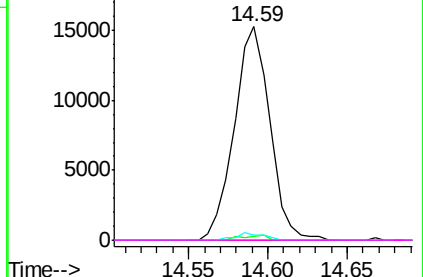
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG045681.D

Acq: 10 Jun 2020 5:16

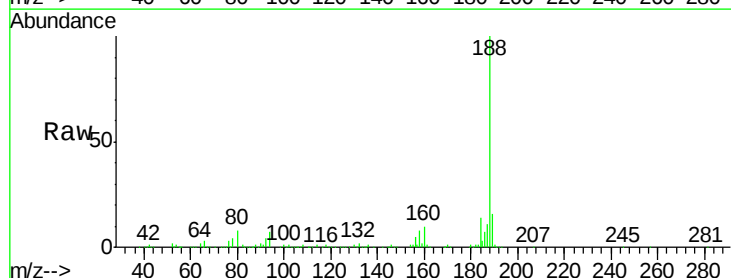
Tgt Ion:188 Resp: 400773

Ion Ratio Lower Upper

188 100

94 6.8 5.5 8.3

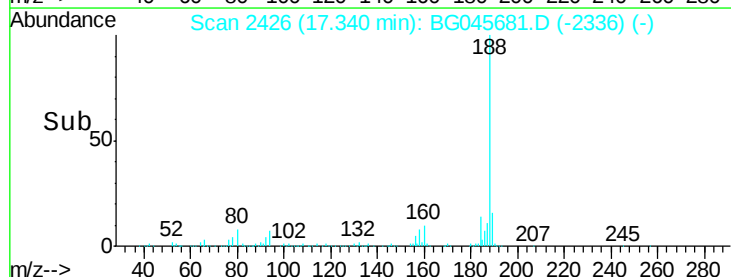
80 7.6 6.6 10.0



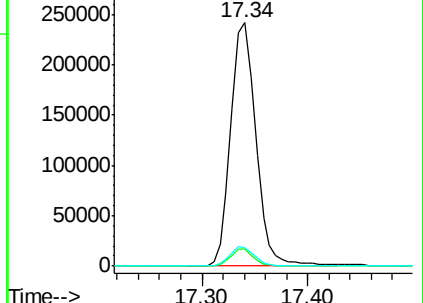
Abundance Ion 188.00 (187.70 to 188.70): E

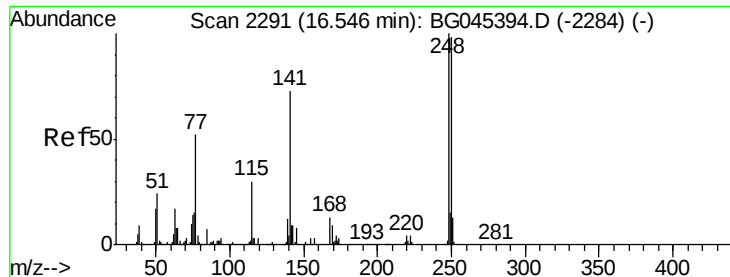
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->

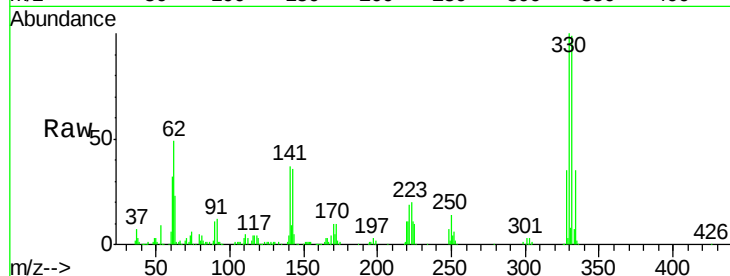




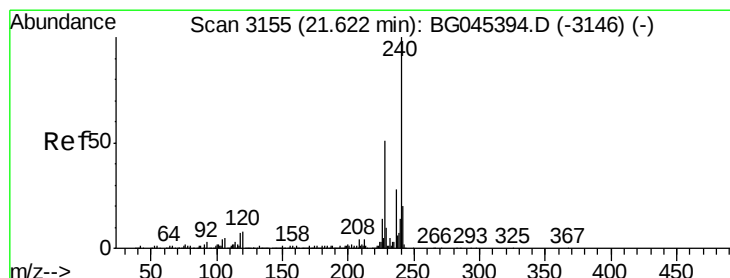
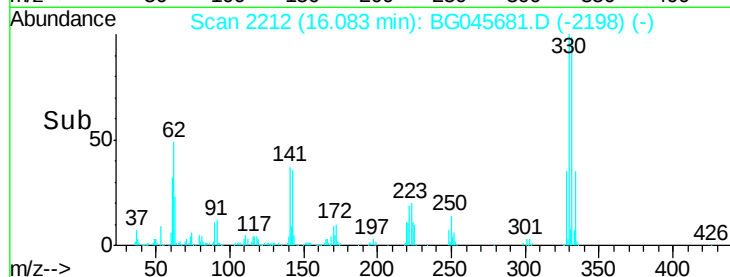
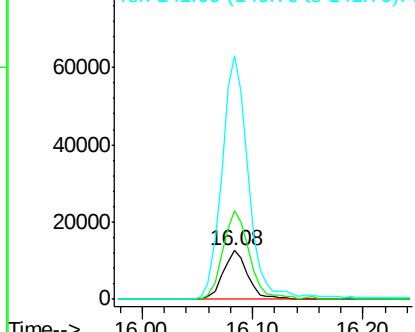
#67
4-Bromophenyl-phenylether
Concen: 4.631 ng
RT: 16.08 min Scan# 2212
Delta R.T. -0.45 min
Lab File: BG045681.D
Acq: 10 Jun 2020 5:16

Instrument :
BNA_G
ClientSampleId :
PHC-326FB-010

Tot Ion:248 Resp: 20097
Ion Ratio Lower Upper
248 100
250 183.3 78.6 117.8#
141 500.3 58.2 87.2#

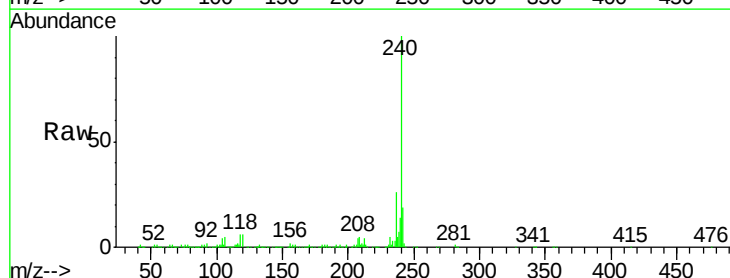


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

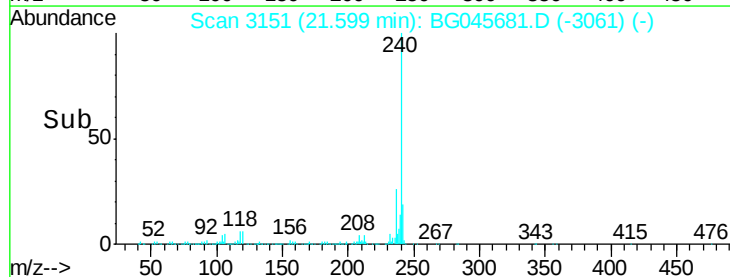
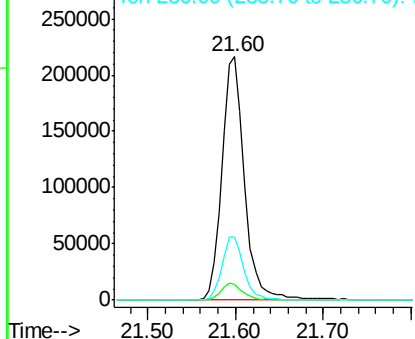


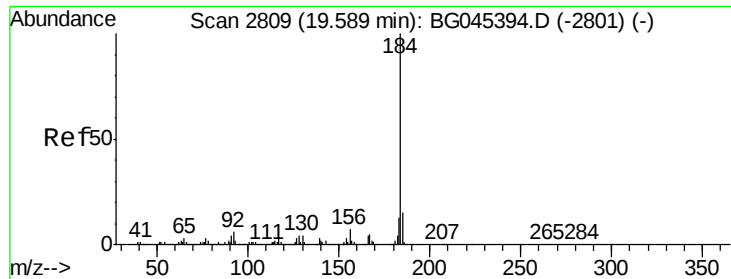
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG045681.D
Acq: 10 Jun 2020 5:16

Tgt Ion:240 Resp: 384272
Ion Ratio Lower Upper
240 100
120 6.4 6.1 9.1
236 25.9 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: 2.831 ng

RT: 19.95 min Scan# 2871

Delta R.T. 0.38 min

Lab File: BG045681.D

Acq: 10 Jun 2020 5:16

Instrument :

BNA_G

ClientSampleId :

PHC-326FB-010

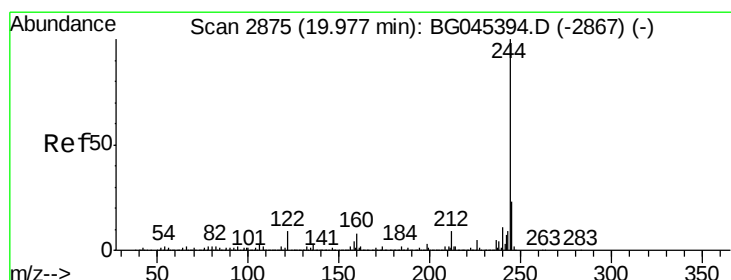
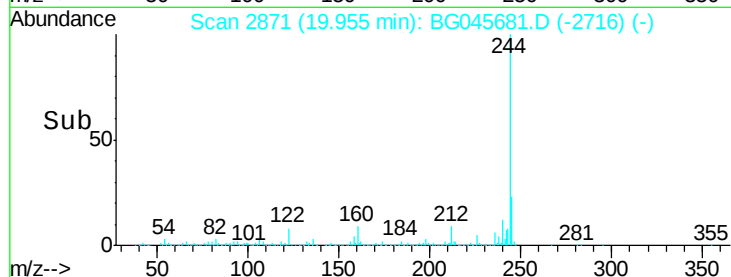
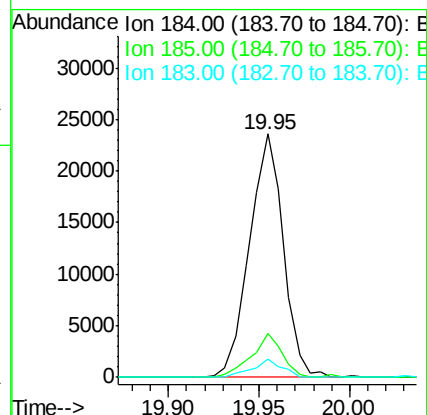
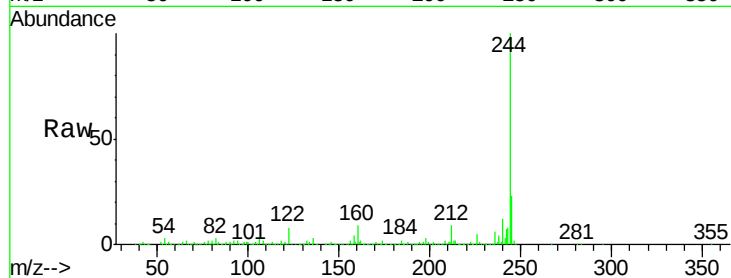
Tot Ion:184 Resp: 30553

Ion Ratio Lower Upper

184 100

185 17.9 11.7 17.5#

183 7.7 10.2 15.4#



#79

Terphenyl-d14

Concen: 96.708 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045681.D

Acq: 10 Jun 2020 5:16

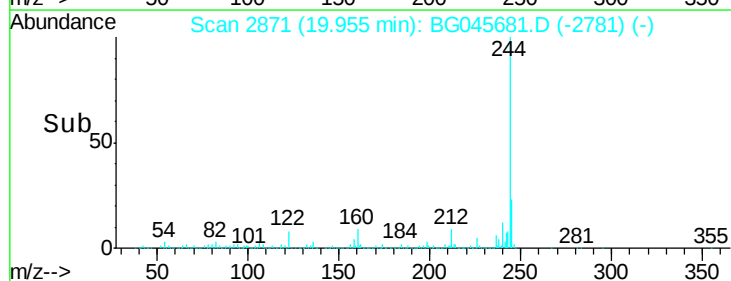
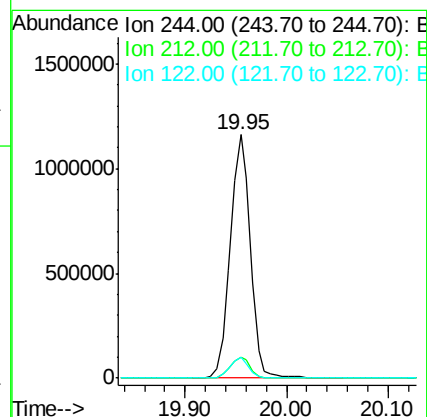
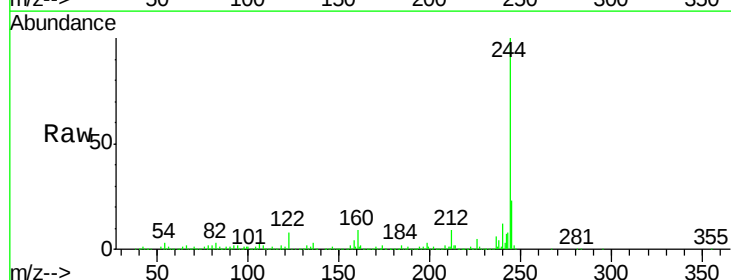
Tgt Ion:244 Resp: 1593372

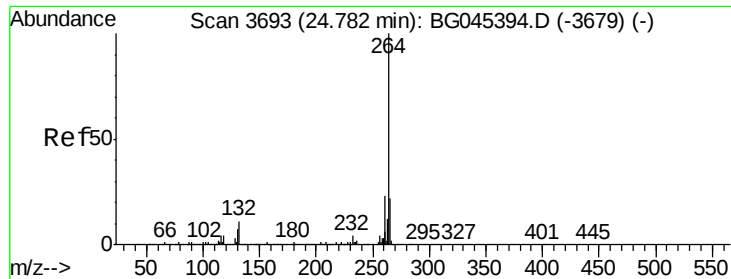
Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.0

122 8.4 6.8 10.2

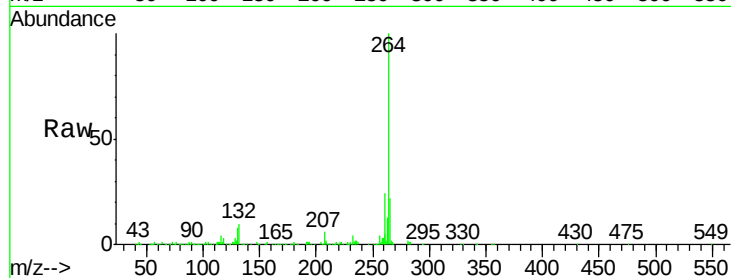




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.74 min Scan# 3686
 Delta R.T. -0.01 min
 Lab File: BG045681.D
 Acq: 10 Jun 2020 5:16

Instrument :
 BNA_G
 ClientSampleId :
 PHC-326FB-010

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	21.9	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

