

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052920\
 Data File : BG045547.D
 Acq On : 30 May 2020 9:22
 Operator : CG/JU
 Sample : L2797-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEST-HOLE-5-COMP

Quant Time: May 31 22:45:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 11:17:45 2020
 Response via : Initial Calibration

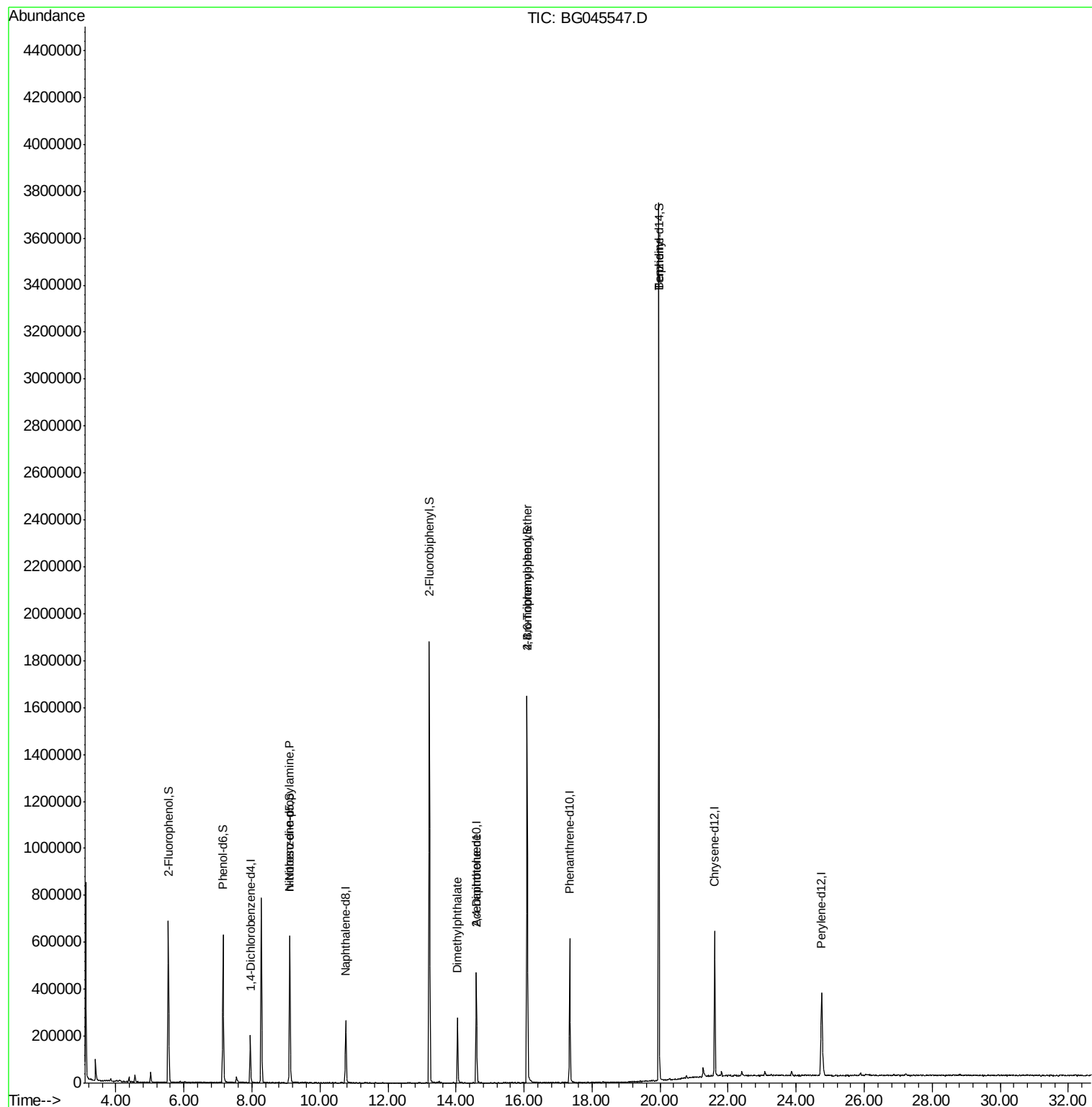
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	59439	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	245274	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	180119	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	417409	20.00	ng	0.00
76) Chrysene-d12	21.61	240	408463	20.00	ng	0.00
87) Perylene-d12	24.75	264	427231	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	341070	112.14	ng	-0.01
7) Phenol-d6	7.15	99	435724	100.65	ng	-0.02
23) Nitrobenzene-d5	9.11	82	432018	96.05	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	345059	149.80	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1039231	97.87	ng	0.00
79) Terphenyl-d14	19.96	244	1803539	102.98	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	59245	19.791	ng	# 78
50) Dimethylphthalate	14.05	163	189053	15.300	ng	# 99
57) 2,4-Dinitrotoluene	14.60	165	23299	5.770	ng	# 23
67) 4-Bromophenyl-phenylether	16.10	248	22718	5.026	ng	# 1
77) Benzidine	19.96	184	33817	2.948	ng	# 92

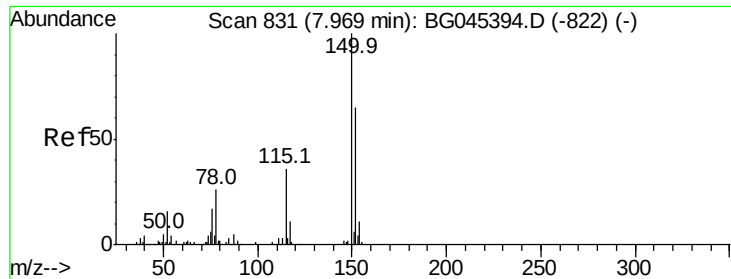
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



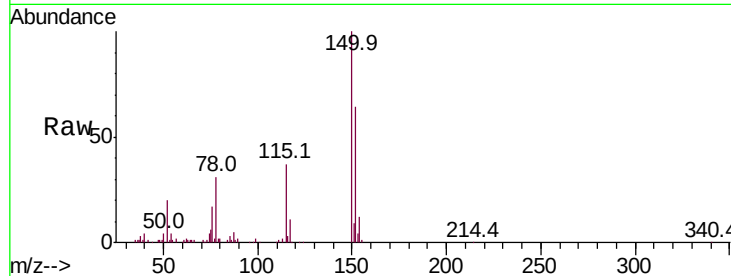


#1

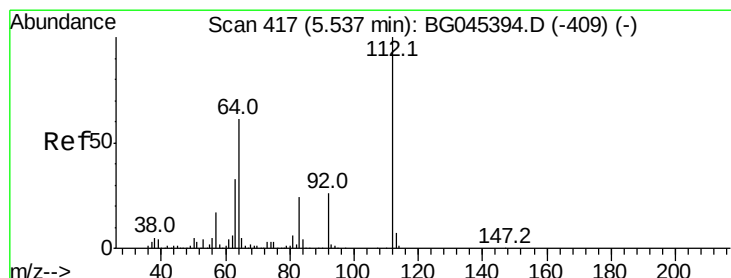
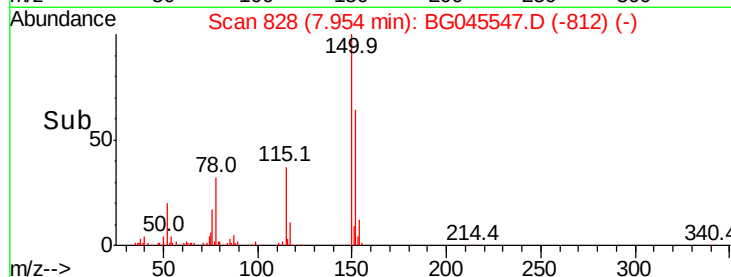
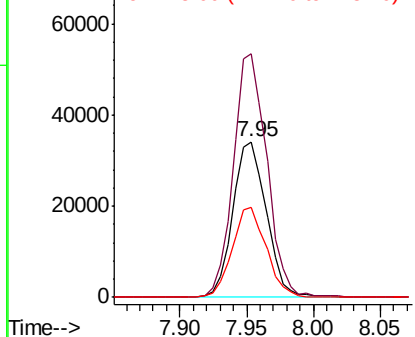
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG045547.D
Acq: 30 May 2020 9:22

Instrument :
BNA_G
ClientSampleId :
TEST-HOLE-5-COMP

Tot Ion:152 Resp: 59439
Ion Ratio Lower Upper
152 100
150 156.2 122.4 183.6
115 57.4 44.2 66.4



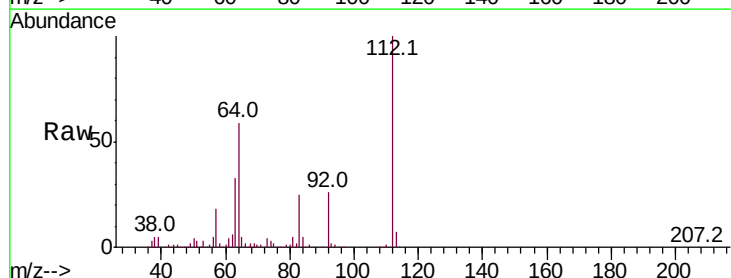
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



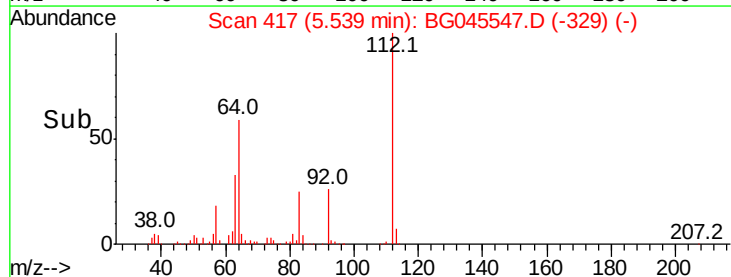
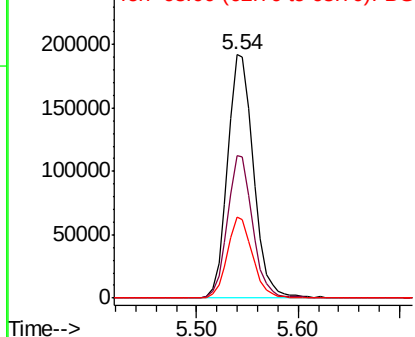
#5

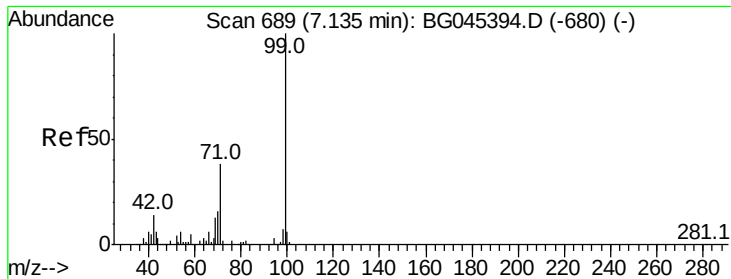
2-Fluorophenol
Concen: 112.140 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.01 min
Lab File: BG045547.D
Acq: 30 May 2020 9:22

Tgt Ion:112 Resp: 341070
Ion Ratio Lower Upper
112 100
64 58.6 48.6 72.8
63 33.2 26.5 39.7



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: 100.655 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.02 min

Lab File: BG045547.D

Acq: 30 May 2020 9:22

Instrument :

BNA_G

ClientSampleId :

TEST-HOLE-5-COMP

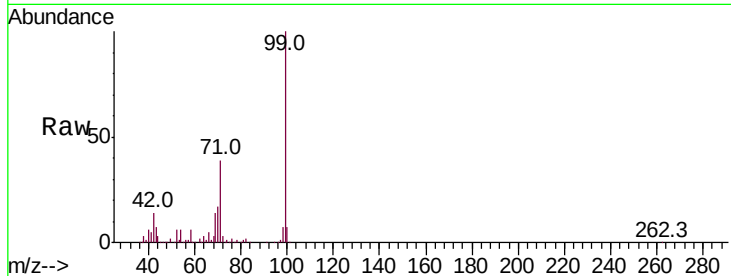
Tot Ion: 99 Resp: 435724

Ion Ratio Lower Upper

99 100

42 13.8 11.3 16.9

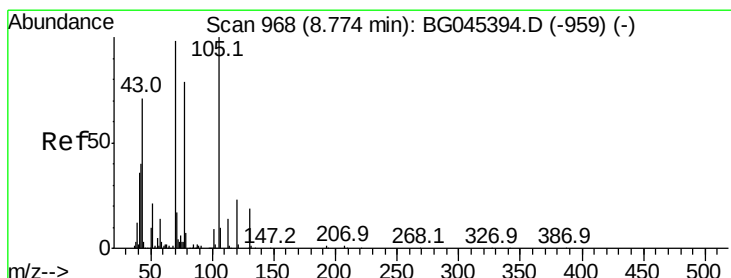
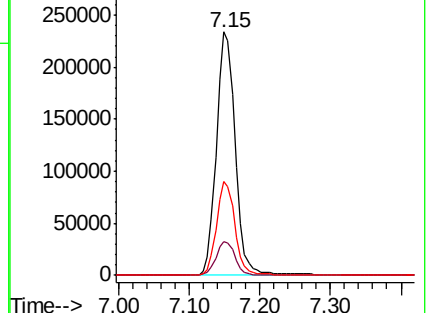
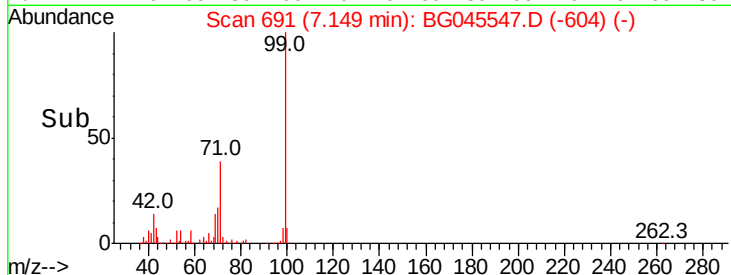
71 38.6 30.8 46.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 19.791 ng

RT: 9.11 min Scan# 1025

Delta R.T. 0.35 min

Lab File: BG045547.D

Acq: 30 May 2020 9:22

Tgt Ion: 70 Resp: 59245

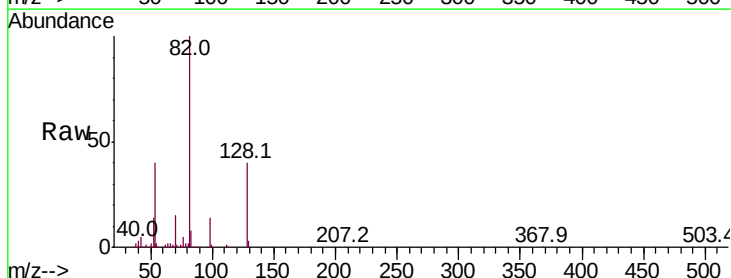
Ion Ratio Lower Upper

70 100

42 32.8 33.2 49.8#

101 0.0 7.8 11.6#

130 2.4 15.4 23.2#

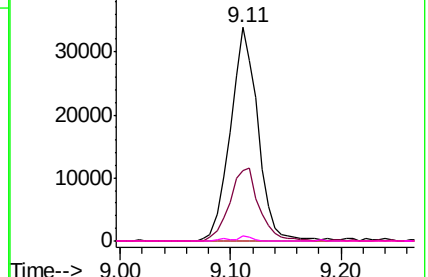
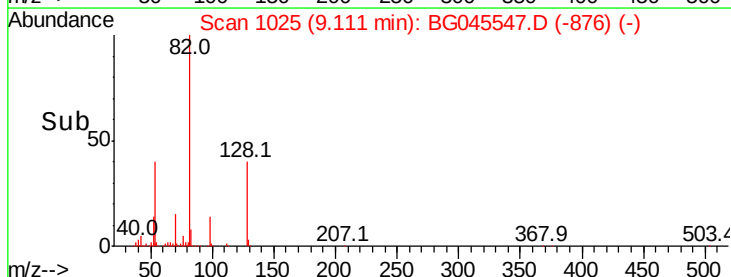


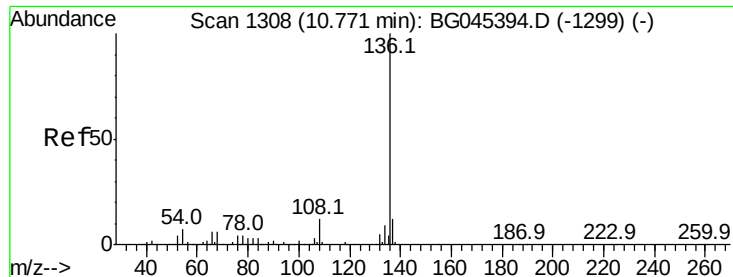
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

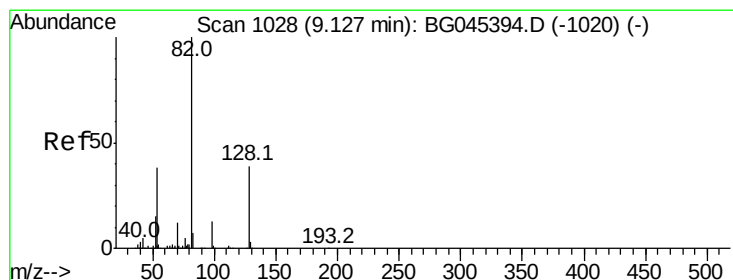
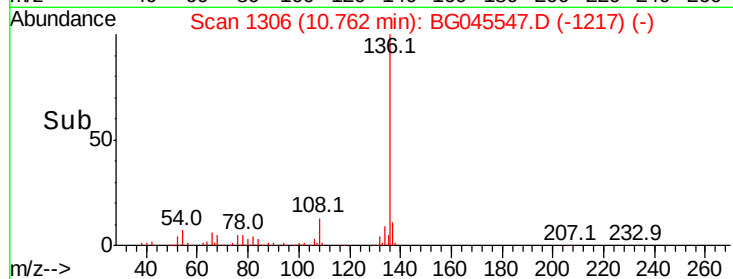
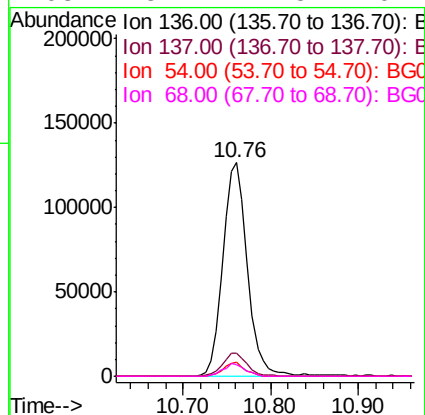
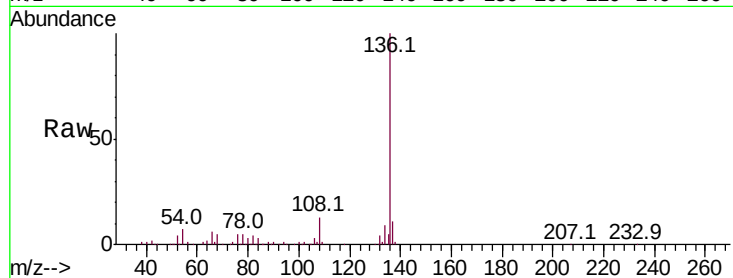




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG045547.D
Acq: 30 May 2020 9:22

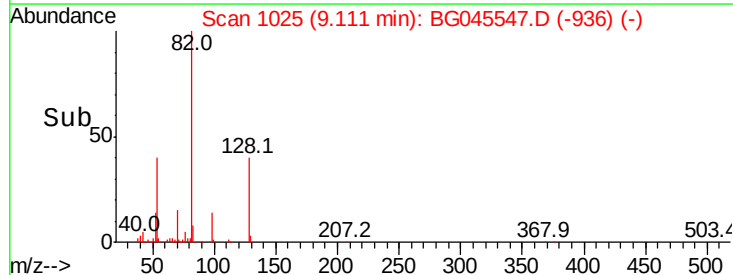
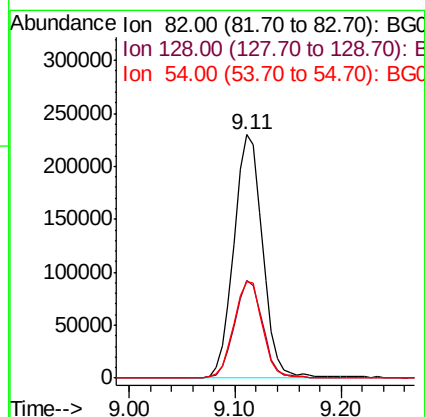
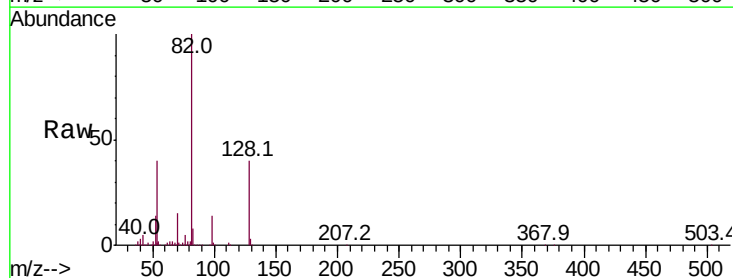
Instrument :
BNA_G
ClientSampleId :
TEST-HOLE-5-COMP

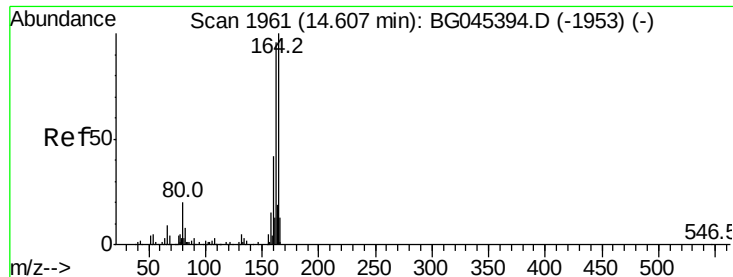
Tot Ion:	136	Resp:	245274
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.4	14.2
54	6.6	5.8	8.6
68	5.2	4.5	6.7



#23
Nitrobenzene-d5
Concen: 96.050 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG045547.D
Acq: 30 May 2020 9:22

Tgt Ion:	82	Resp:	432018
Ion	Ratio	Lower	Upper
82	100		
128	40.4	30.9	46.3
54	39.9	30.3	45.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG045547.D

Acq: 30 May 2020 9:22

Instrument :

BNA_G

ClientSampleId :

TEST-HOLE-5-COMP

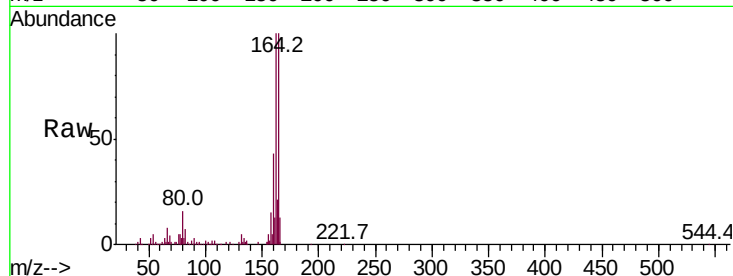
Tot Ion:164 Resp: 180119

Ion Ratio Lower Upper

164 100

162 100.1 76.9 115.3

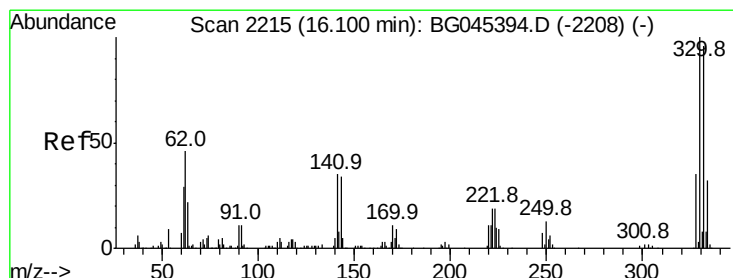
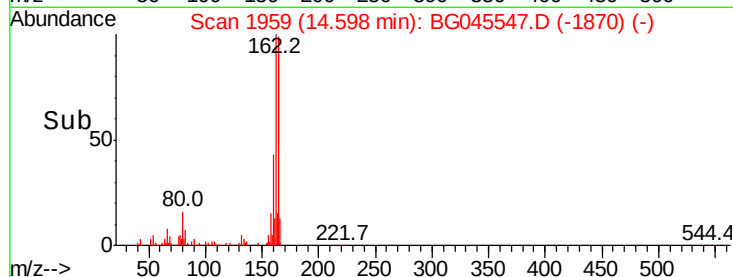
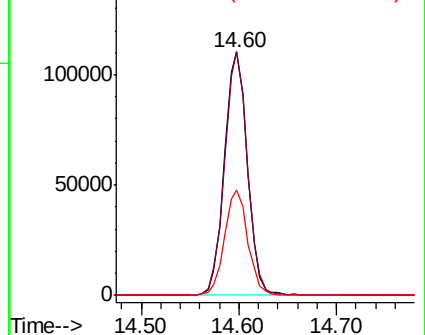
160 43.2 33.8 50.8



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: 149.796 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BG045547.D

Acq: 30 May 2020 9:22

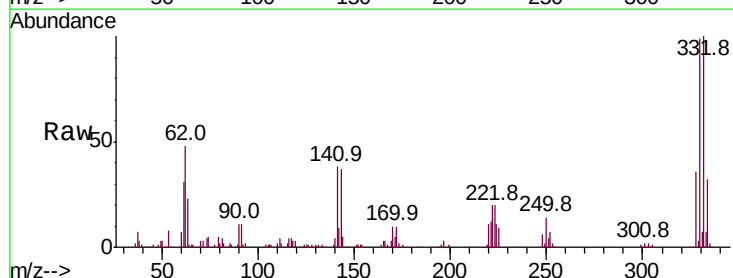
Tgt Ion:330 Resp: 345059

Ion Ratio Lower Upper

330 100

332 96.6 78.2 117.4

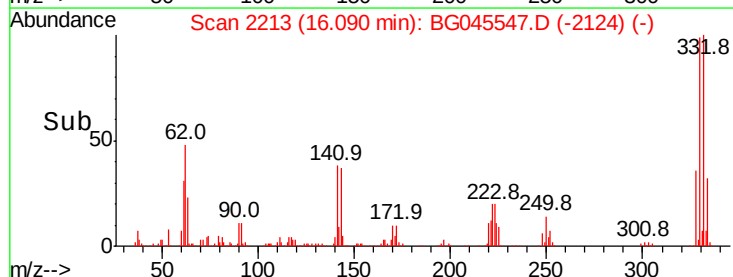
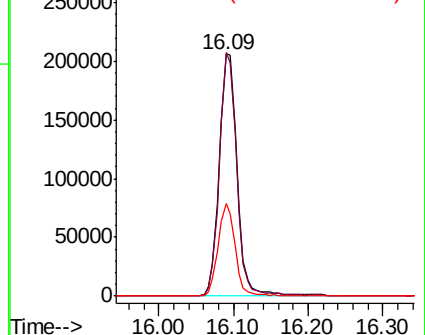
141 36.0 28.2 42.4

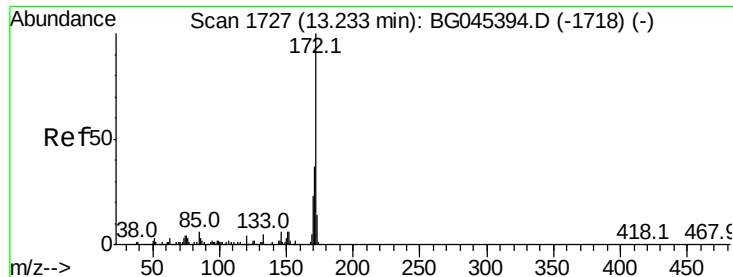


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



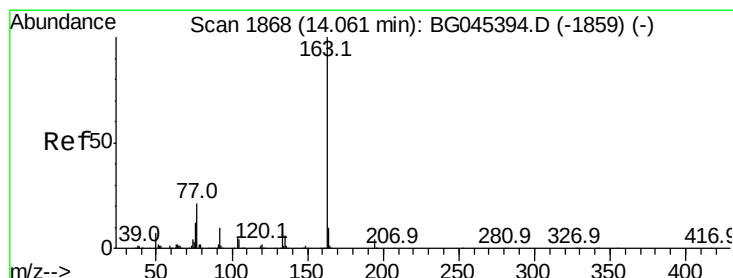
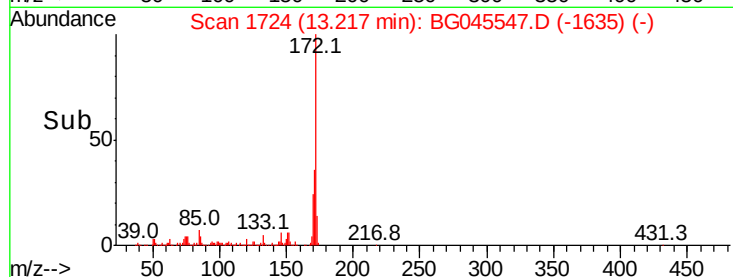
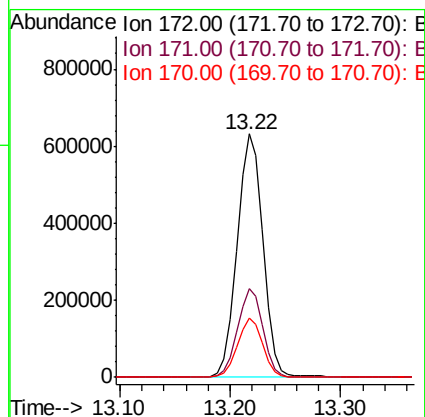
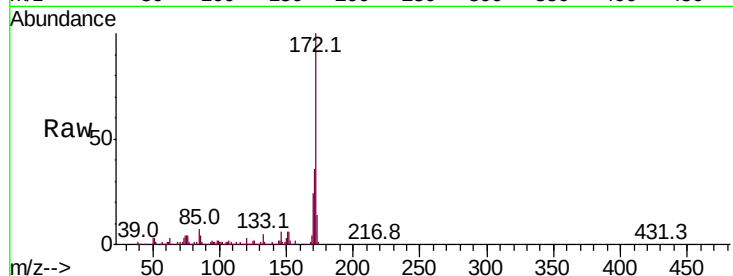


#45
 2-Fluorobiphenyl
 Concen: 97.866 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG045547.D
 Acq: 30 May 2020 9:22

Instrument :
 BNA_G
 ClientSampleId :
 TEST-HOLE-5-COMP

Tot Ion:172 Resp: 1039231

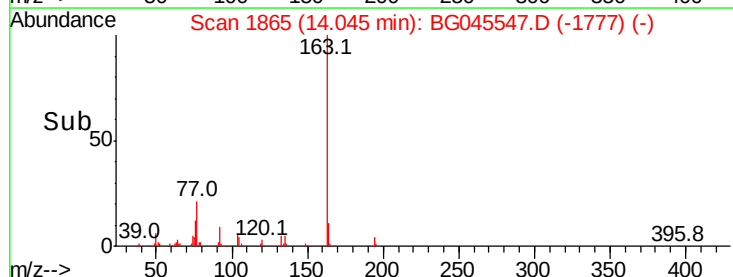
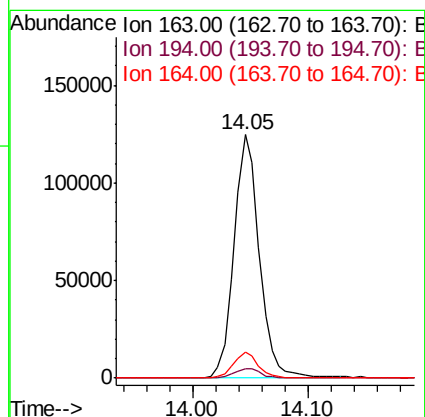
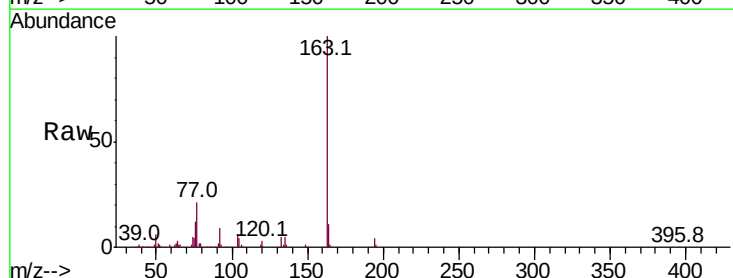
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.5	44.3
170	24.2	18.5	27.7

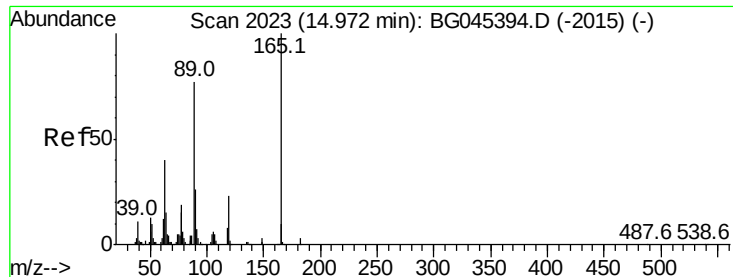


#50
 Dimethylphthalate
 Concen: 15.300 ng
 RT: 14.05 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BG045547.D
 Acq: 30 May 2020 9:22

Tgt Ion:163 Resp: 189053

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.8	8.3	12.5

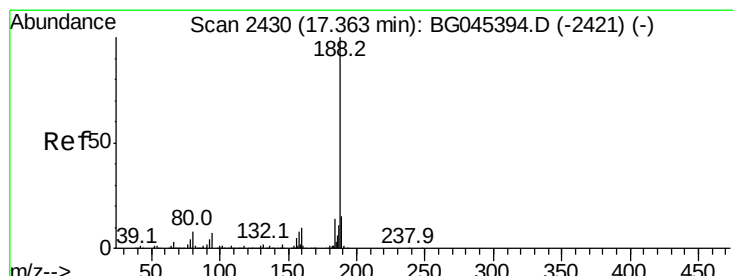
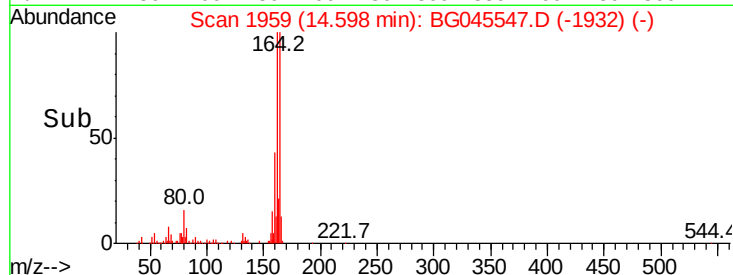
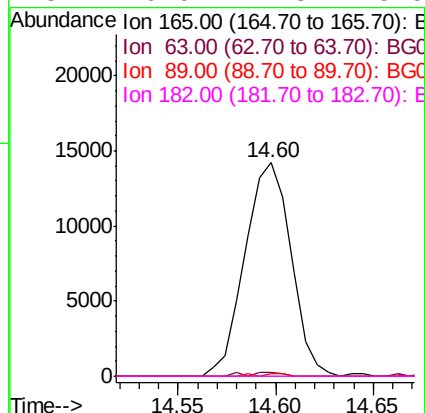
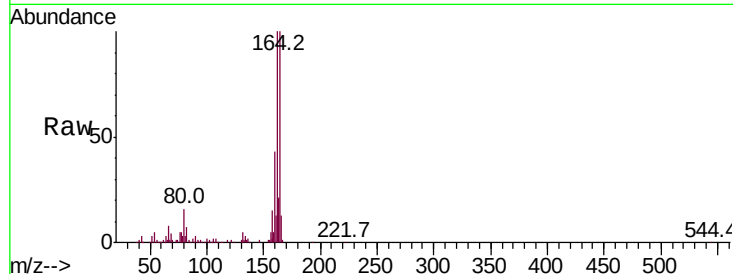




#57
 2,4-Dinitrotoluene
 Concen: 5.770 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.37 min
 Lab File: BG045547.D
 Acq: 30 May 2020 9:22

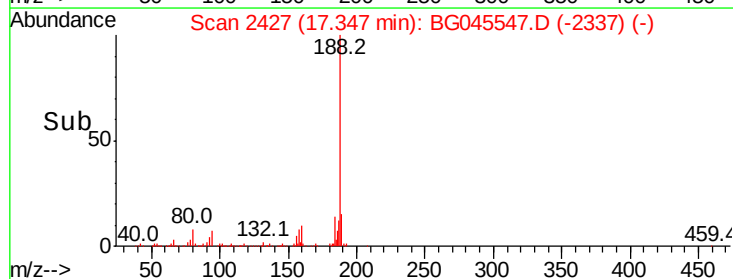
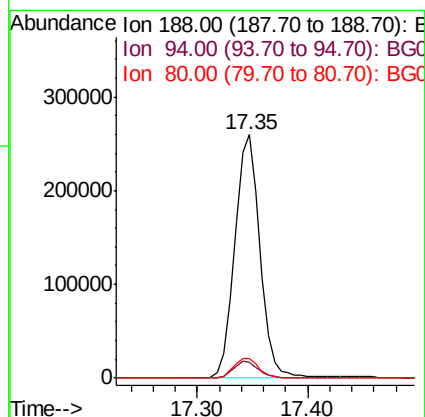
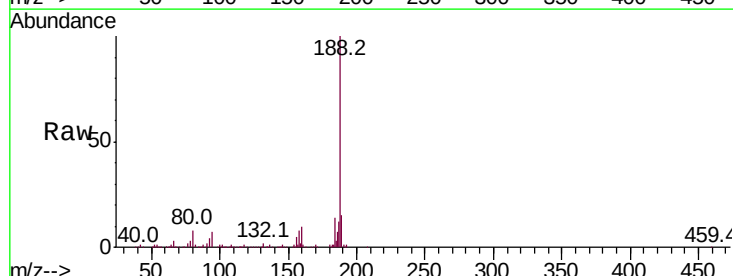
Instrument :
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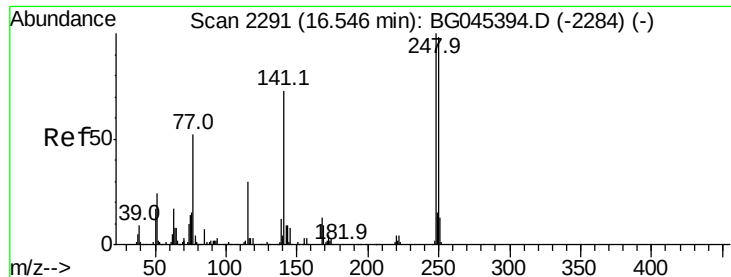
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	32.5	48.7#
89	1.1	61.8	92.6#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.35 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BG045547.D
 Acq: 30 May 2020 9:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.5	8.3
80	7.8	6.6	10.0

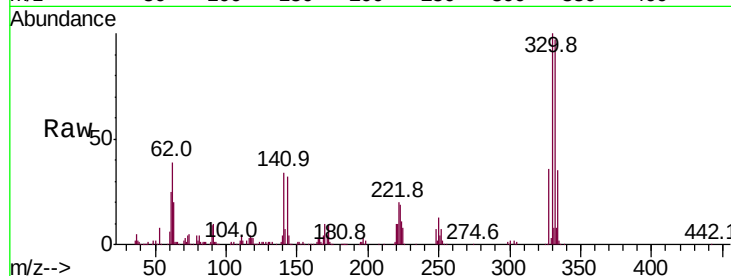




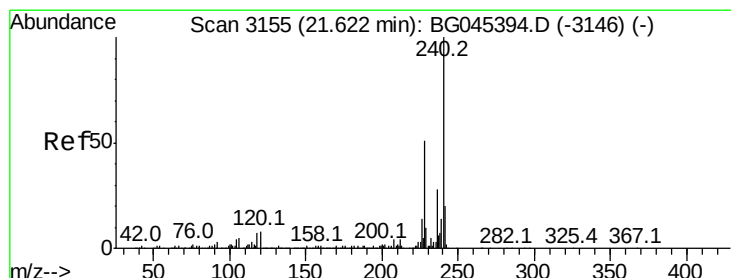
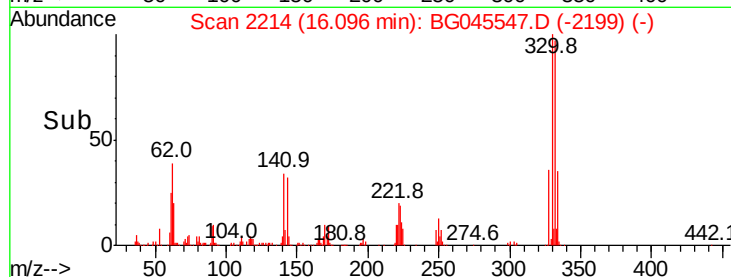
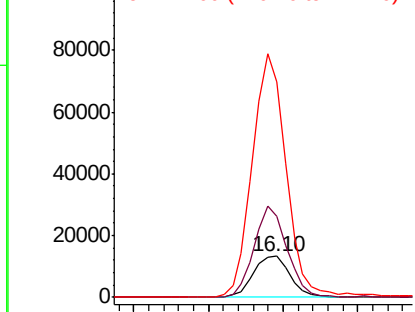
#67
4-Bromophenyl-phenylether
Concen: 5.026 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.44 min
Lab File: BG045547.D
Acq: 30 May 2020 9:22

Instrument :
BNA_G
ClientSampleId :
TEST-HOLE-5-COMP

Tot Ion:248 Resp: 22718
Ion Ratio Lower Upper
248 100
250 194.9 78.6 117.8#
141 520.8 58.2 87.2#

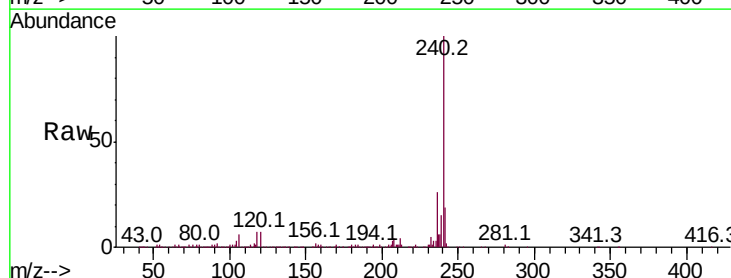


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

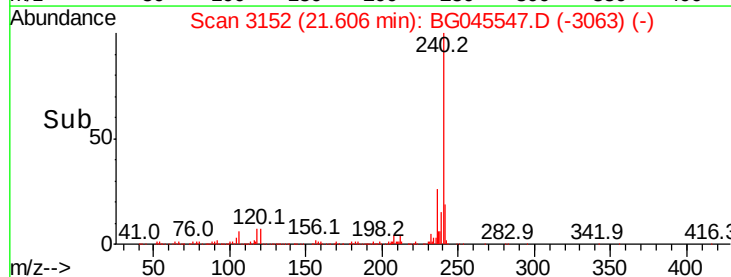
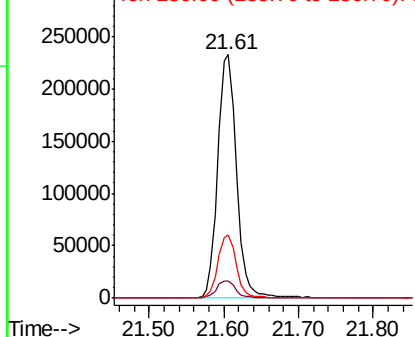


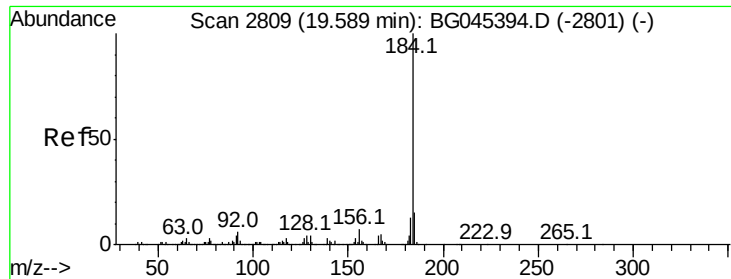
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG045547.D
Acq: 30 May 2020 9:22

Tgt Ion:240 Resp: 408463
Ion Ratio Lower Upper
240 100
120 6.8 6.1 9.1
236 26.1 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: 2.948 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.38 min

Lab File: BG045547.D

Acq: 30 May 2020 9:22

Instrument :

BNA_G

ClientSampleId :

TEST-HOLE-5-COMP

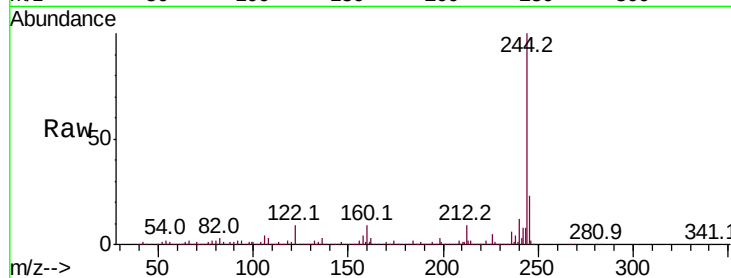
Tot Ion:184 Resp: 33817

Ion Ratio Lower Upper

184 100

185 15.1 11.7 17.5

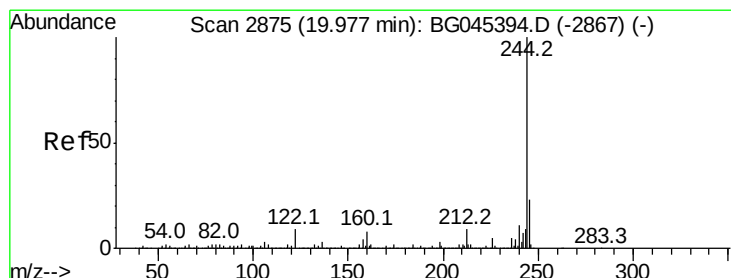
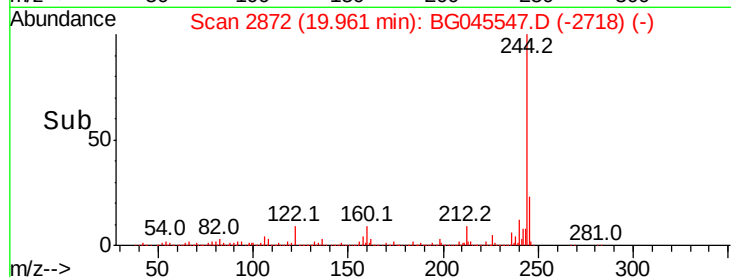
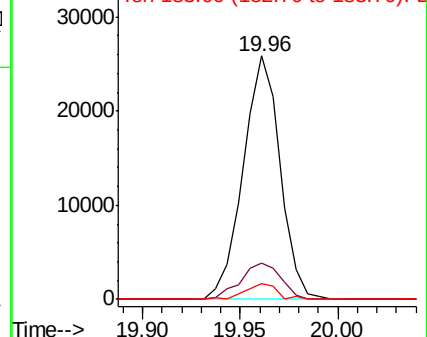
183 6.6 10.2 15.4#



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: 102.981 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045547.D

Acq: 30 May 2020 9:22

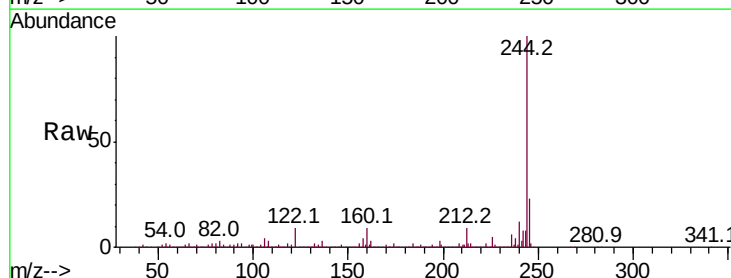
Tgt Ion:244 Resp: 1803539

Ion Ratio Lower Upper

244 100

212 9.4 7.4 11.0

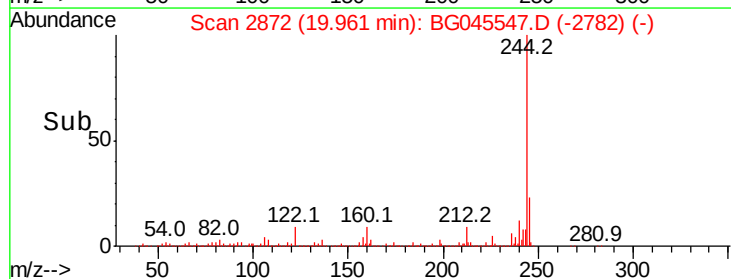
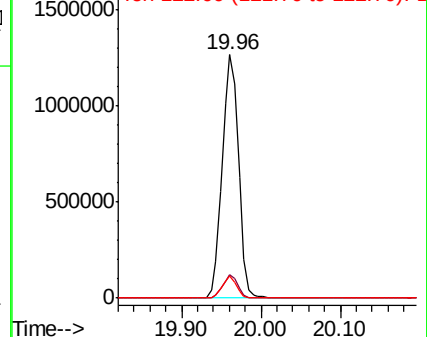
122 9.1 6.8 10.2

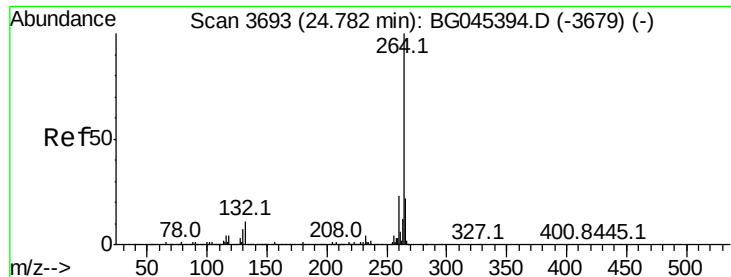


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

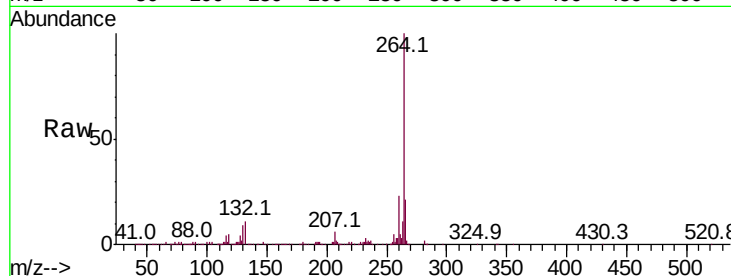




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.75 min Scan# 3687
 Delta R.T. -0.01 min
 Lab File: BG045547.D
 Acq: 30 May 2020 9:22

Instrument :
 BNA_G
 ClientSampleId :
 TEST-HOLE-5-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	21.0	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

