

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060520\
 Data File : BG045622.D
 Acq On : 5 Jun 2020 18:50
 Operator : CG/JU
 Sample : L2887-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHRT-25606

Quant Time: Jun 06 01:17:44 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

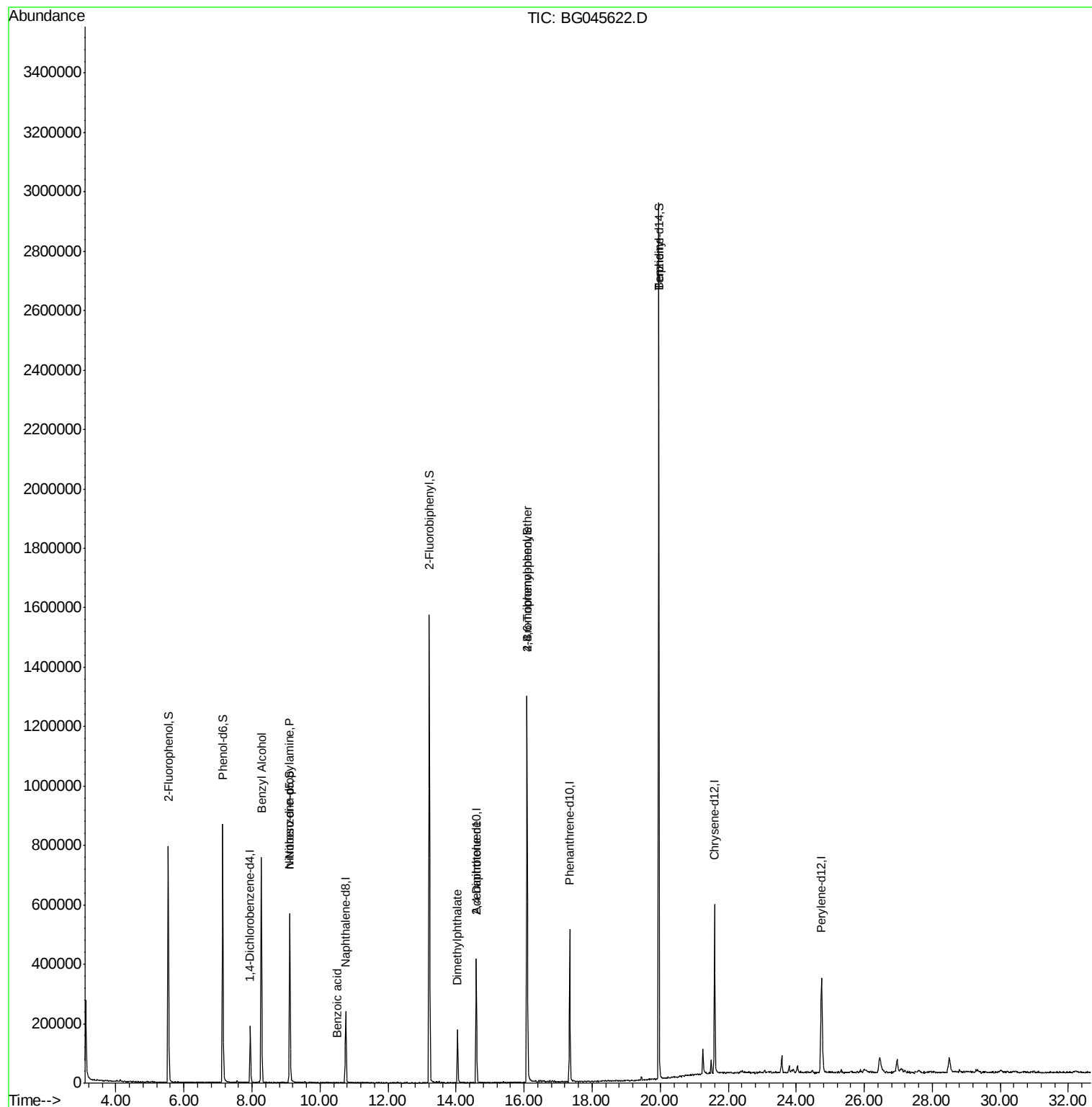
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	56499	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	224828	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	158915	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	355144	20.00	ng	0.00
76) Chrysene-d12	21.60	240	369174	20.00	ng	0.00
87) Perylene-d12	24.75	264	390957	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	395630	136.85	ng	0.00
7) Phenol-d6	7.14	99	563336	136.91	ng	0.00
23) Nitrobenzene-d5	9.11	82	398850	96.74	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	275855	135.73	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	890714	95.07	ng	0.00
79) Terphenyl-d14	19.96	244	1506602	95.18	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.28	79	7310	2.151	ng	# 55
19) n-Nitroso-di-n-propylamine	9.11	70	54010	18.981	ng	# 83
32) Benzoic acid	10.50	122	56	10.046	ng	# 1
50) Dimethylphthalate	14.04	163	130026	11.927	ng	# 98
57) 2,4-Dinitrotoluene	14.59	165	19682	5.525	ng	# 23
67) 4-Bromophenyl-phenylether	16.09	248	18174	4.726	ng	# 1
77) Benzidine	19.96	184	27212	2.625	ng	# 88

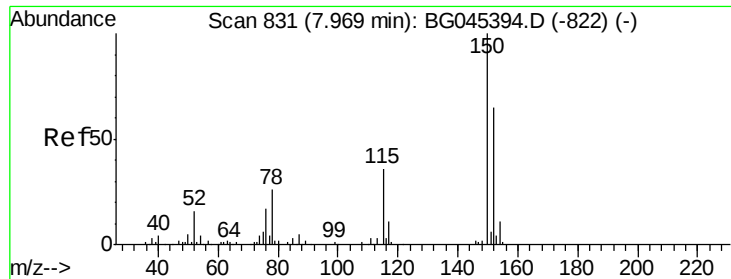
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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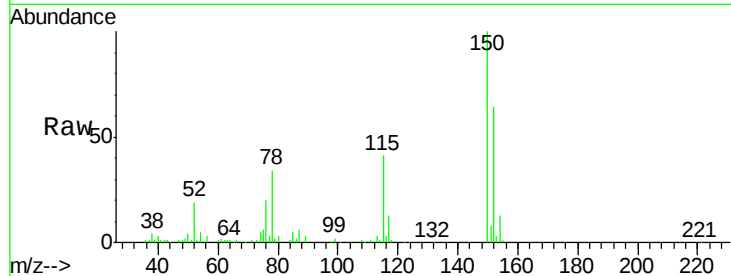


#1

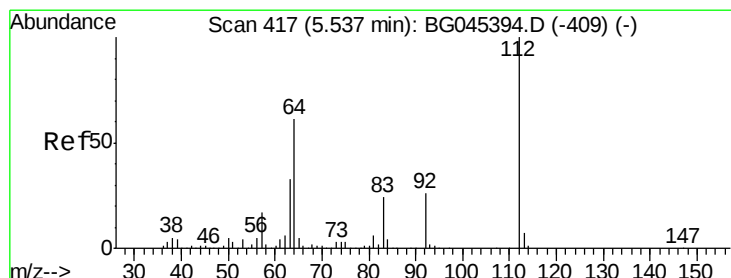
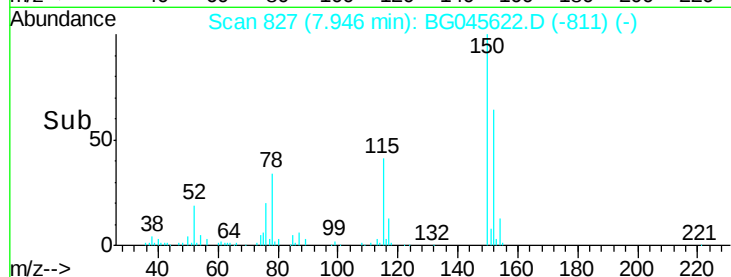
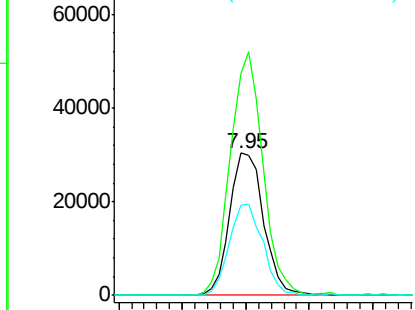
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045622.D
Acq: 5 Jun 2020 18:50

Instrument :
BNA_G
ClientSampleId :
CHRT-25606

Tot Ion:152 Resp: 56499
Ion Ratio Lower Upper
152 100
150 156.3 122.4 183.6
115 63.6 44.2 66.4



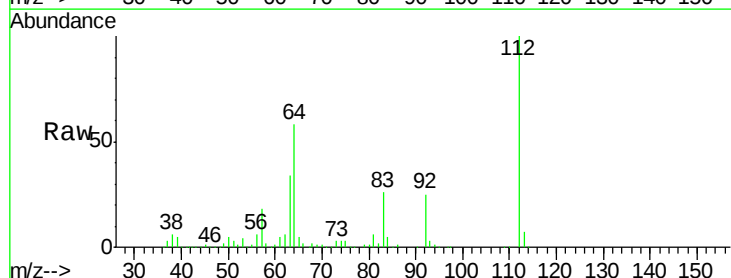
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



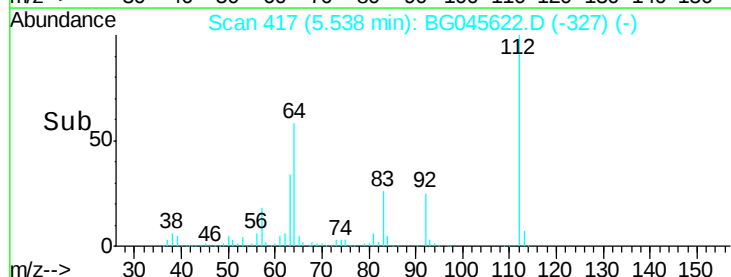
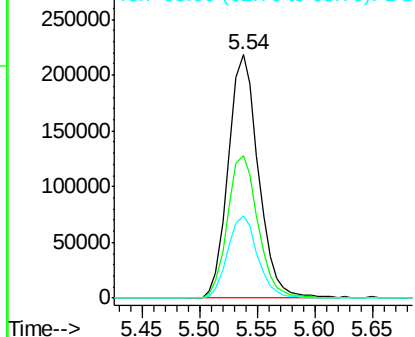
#5

2-Fluorophenol
Concen: 136.848 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045622.D
Acq: 5 Jun 2020 18:50

Tgt Ion:112 Resp: 395630
Ion Ratio Lower Upper
112 100
64 58.4 48.6 72.8
63 33.7 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: 136.906 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045622.D

Acq: 5 Jun 2020 18:50

Instrument :

BNA_G

ClientSampleId :

CHRT-25606

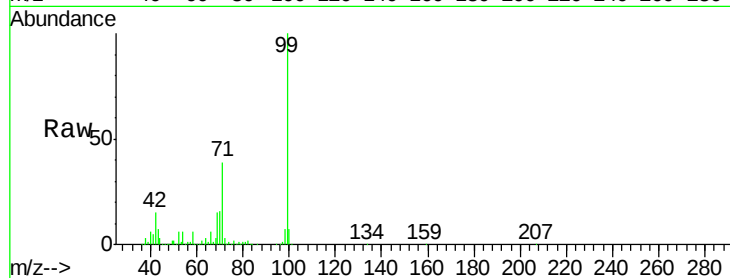
Tot Ion: 99 Resp: 563336

Ion Ratio Lower Upper

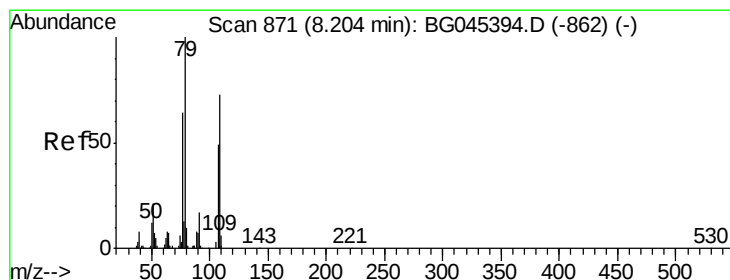
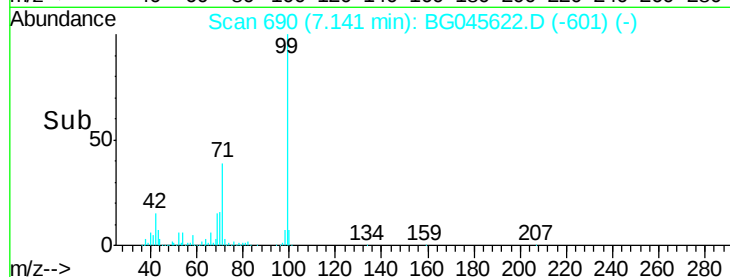
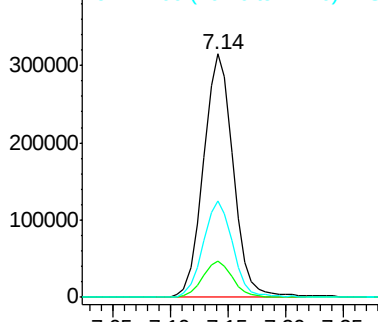
99 100

42 14.7 11.3 16.9

71 39.4 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: 2.151 ng

RT: 8.28 min Scan# 883

Delta R.T. 0.08 min

Lab File: BG045622.D

Acq: 5 Jun 2020 18:50

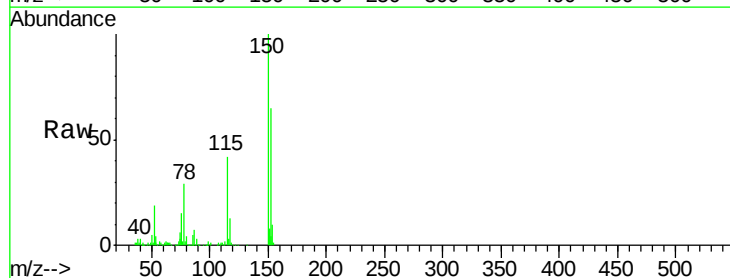
Tgt Ion: 79 Resp: 7310

Ion Ratio Lower Upper

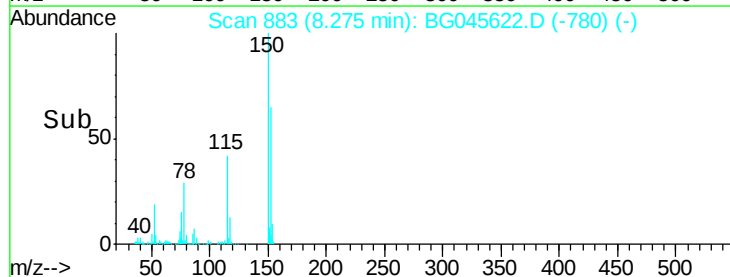
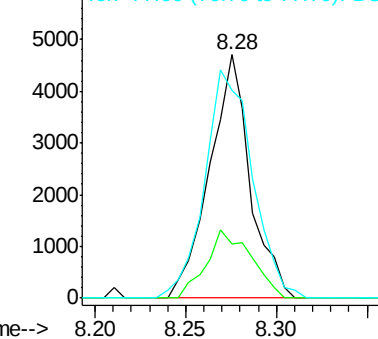
79 100

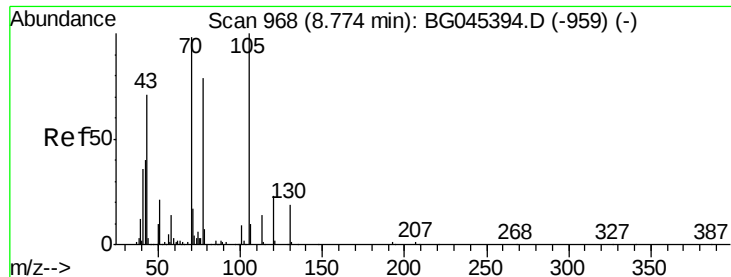
108 22.3 58.2 87.4#

77 85.6 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: 18.981 ng

RT: 9.11 min Scan# 1025

Delta R.T. 0.35 min

Lab File: BG045622.D

Acq: 5 Jun 2020 18:50

Instrument :

BNA_G

ClientSampleId :

CHRT-25606

Tot Ion: 70 Resp: 54010

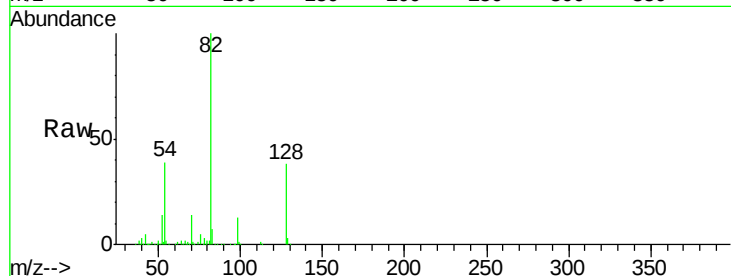
Ion Ratio Lower Upper

70 100

42 39.0 33.2 49.8

101 0.0 7.8 11.6#

130 1.6 15.4 23.2#

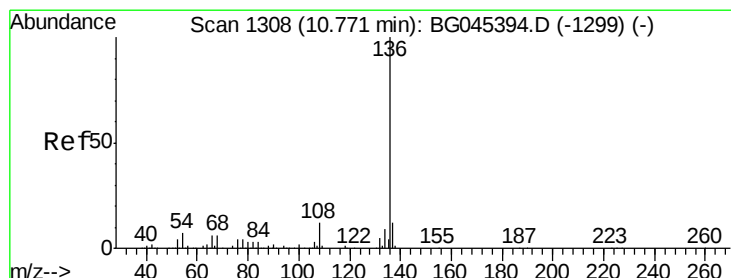
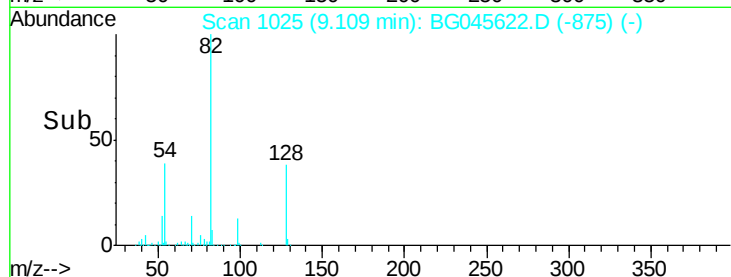
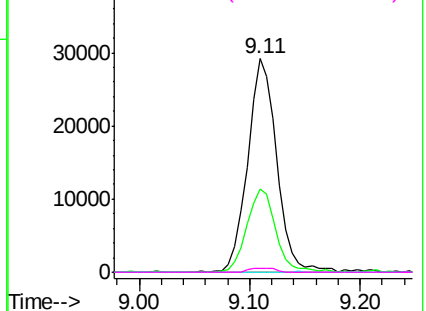


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 10.75 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG045622.D

Acq: 5 Jun 2020 18:50

Tgt Ion:136 Resp: 224828

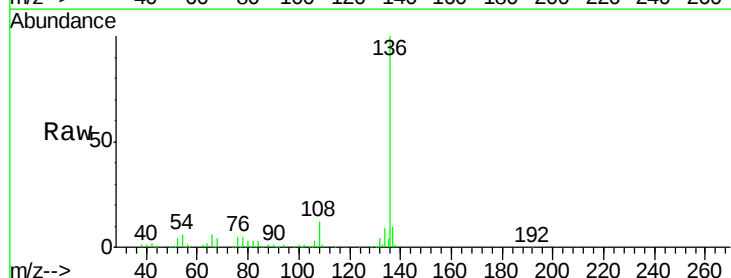
Ion Ratio Lower Upper

136 100

137 10.2 9.4 14.2

54 5.9 5.8 8.6

68 4.2 4.5 6.7#

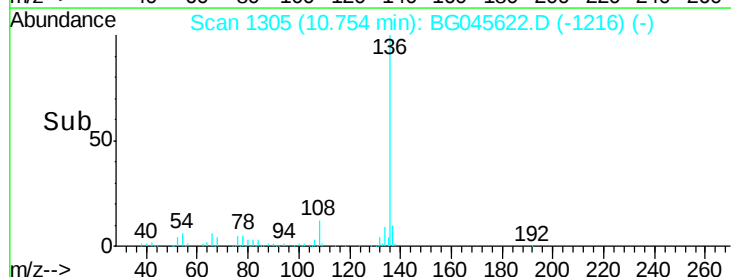
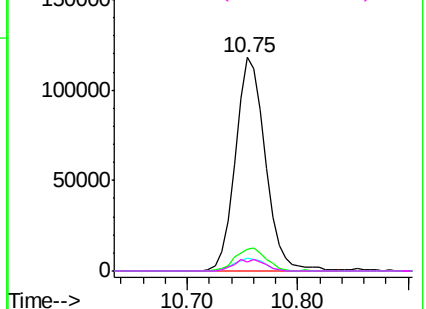


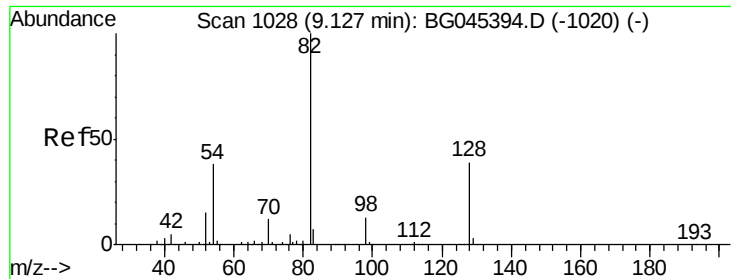
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

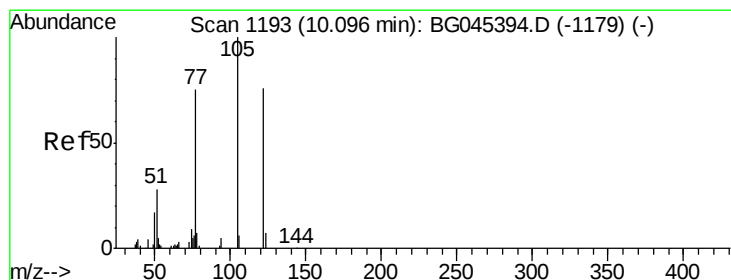
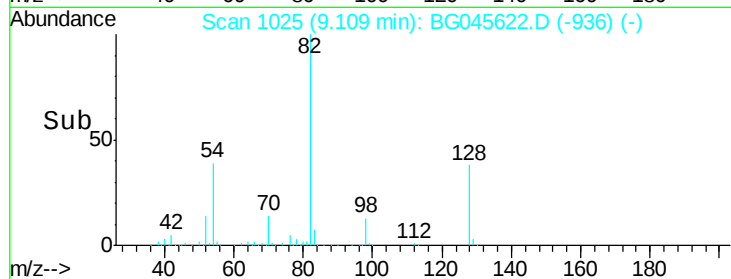
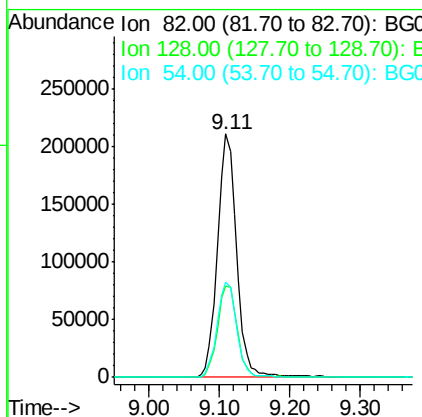
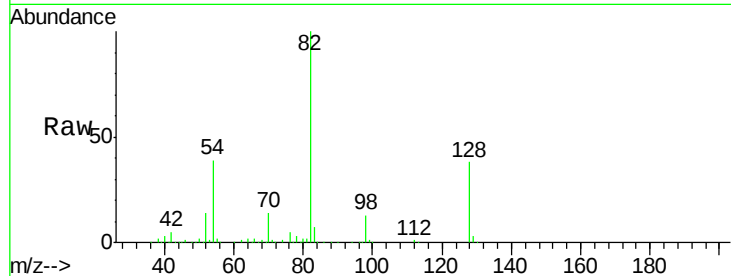




#23
 Nitrobenzene-d5
 Concen: 96.740 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG045622.D
 Acq: 5 Jun 2020 18:50

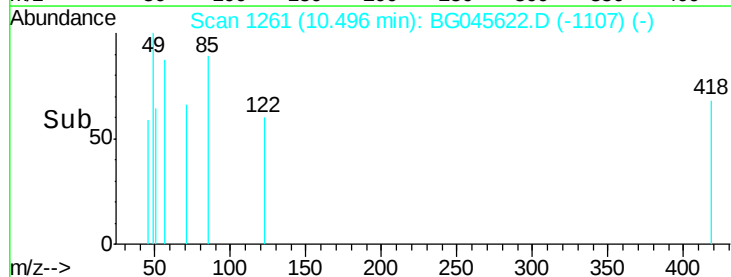
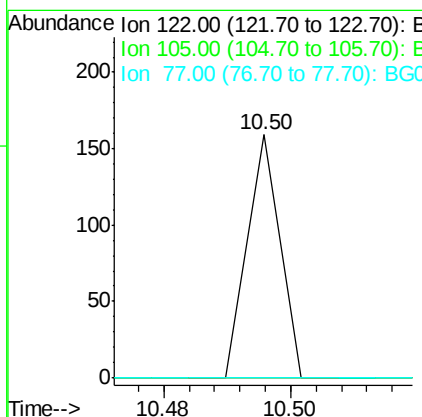
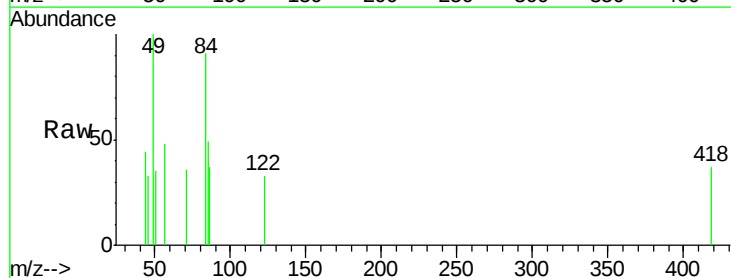
Instrument :
 BNA_G
 ClientSampleId :
 CHRT-25606

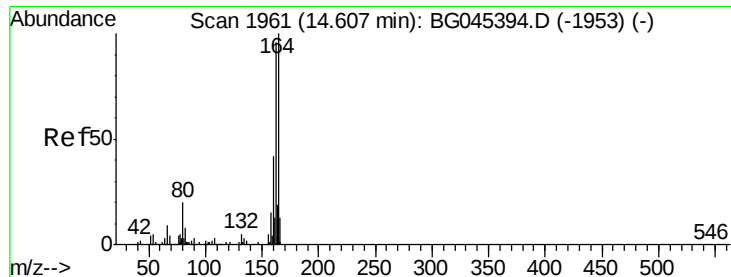
Tot Ion	82	Resp	398850
Ion Ratio	Lower	Upper	
82	100		
128	37.6	30.9	46.3
54	38.9	30.3	45.5



#32
 Benzoic acid
 Concen: 10.046 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. 0.38 min
 Lab File: BG045622.D
 Acq: 5 Jun 2020 18:50

Tgt Ion	122	Resp	56
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	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# 1958

Delta R.T. -0.01 min

Lab File: BG045622.D

Acq: 5 Jun 2020 18:50

Instrument :

BNA_G

ClientSampleId :

CHRT-25606

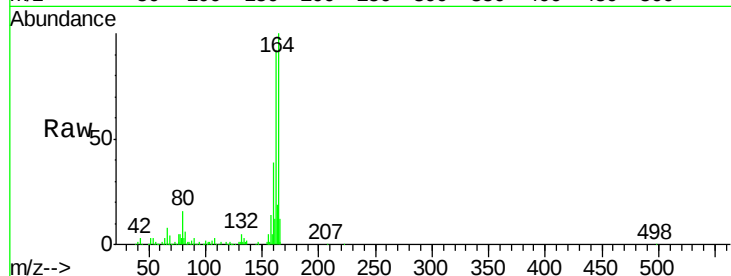
Tot Ion:164 Resp: 158915

Ion Ratio Lower Upper

164 100

162 92.4 76.9 115.3

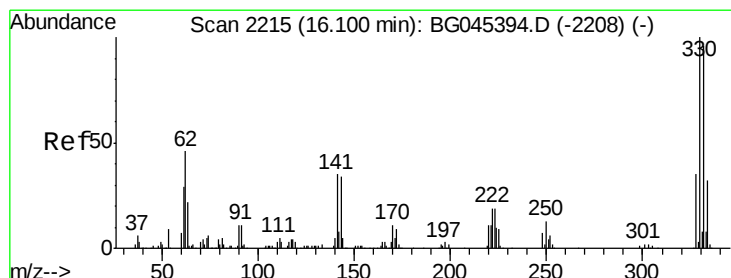
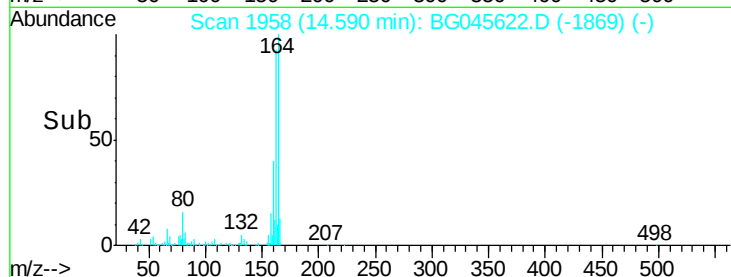
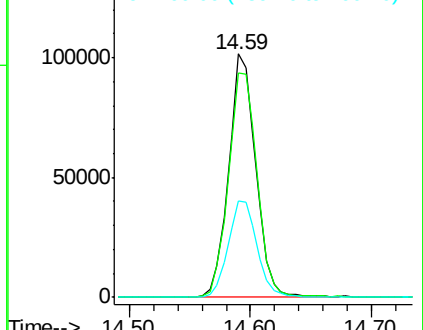
160 39.4 33.8 50.8



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: 135.732 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BG045622.D

Acq: 5 Jun 2020 18:50

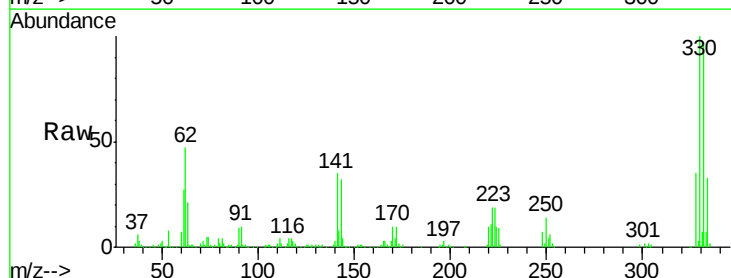
Tgt Ion:330 Resp: 275855

Ion Ratio Lower Upper

330 100

332 98.0 78.2 117.4

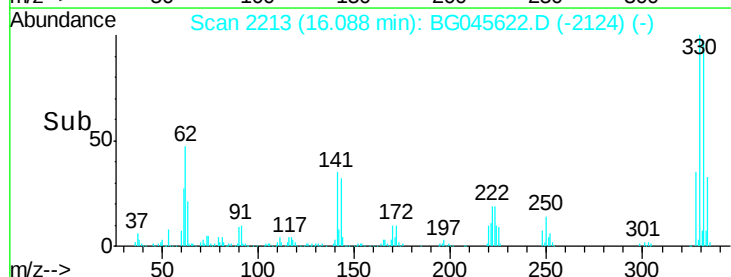
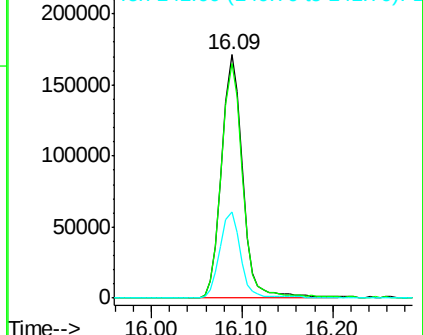
141 35.1 28.2 42.4

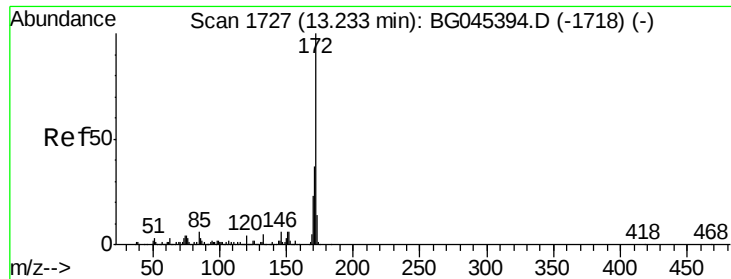


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

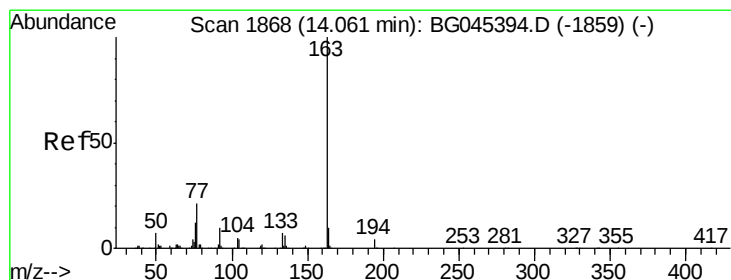
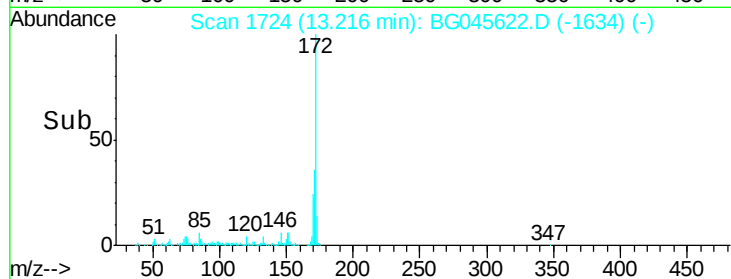
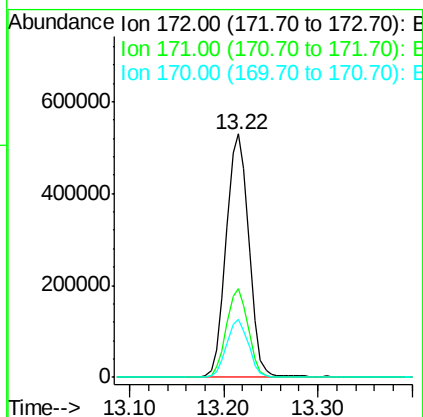
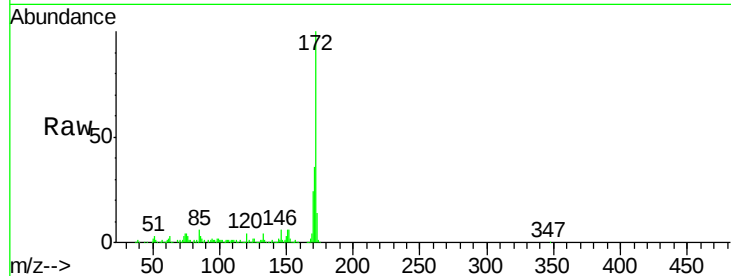




#45
2-Fluorobiphenyl
Concen: 95.072 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045622.D
Acq: 5 Jun 2020 18:50

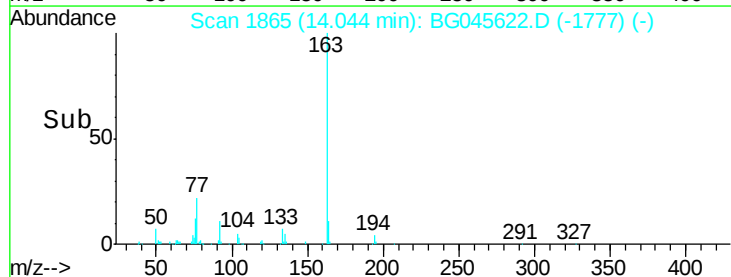
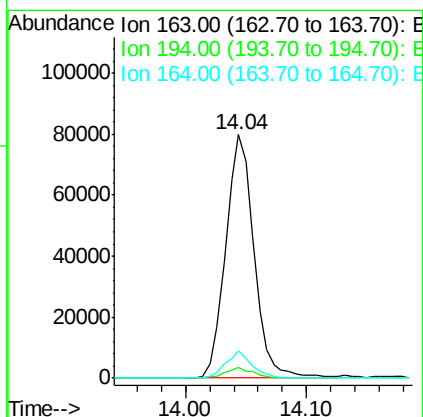
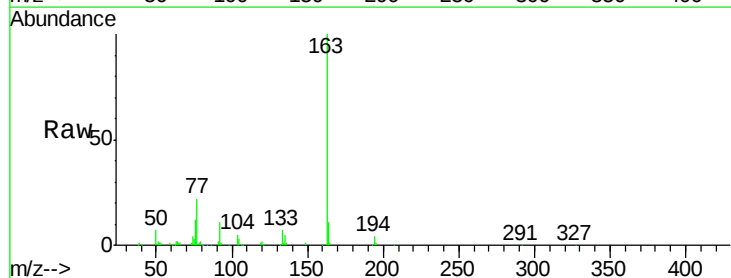
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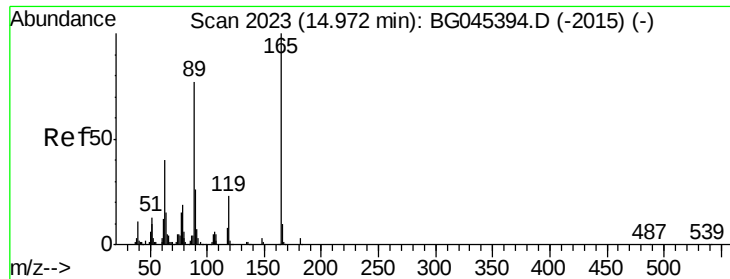
Tot Ion:172 Resp: 890714
Ion Ratio Lower Upper
172 100
171 36.3 29.5 44.3
170 23.9 18.5 27.7



#50
Dimethylphthalate
Concen: 11.927 ng
RT: 14.04 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG045622.D
Acq: 5 Jun 2020 18:50

Tgt Ion:163 Resp: 130026
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 11.2 8.3 12.5

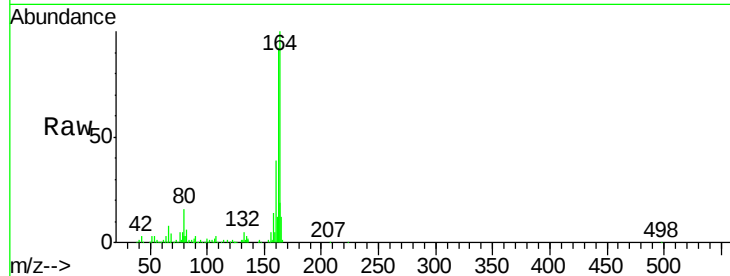




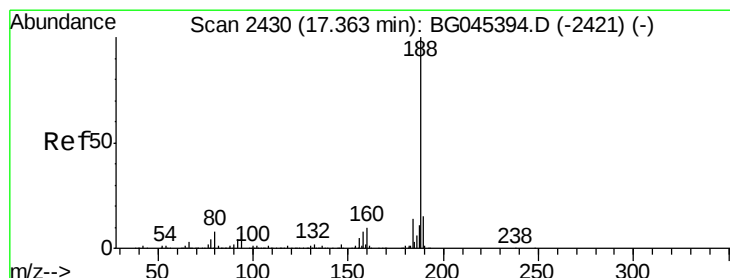
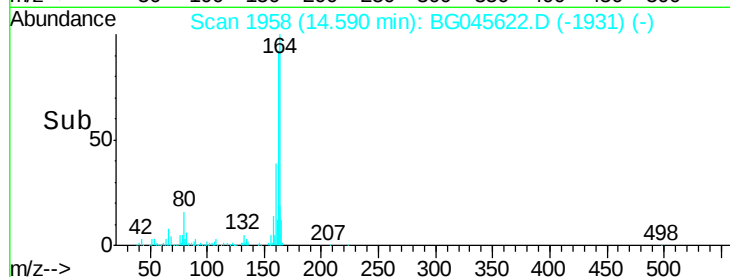
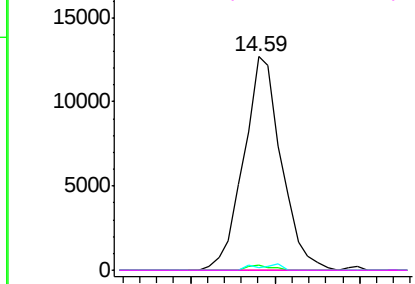
#57
 2,4-Dinitrotoluene
 Concen: 5.525 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.37 min
 Lab File: BG045622.D
 Acq: 5 Jun 2020 18:50

Instrument :
 BNA_G
 ClientSampleId :
 CHRT-25606

Tot Ion:165 Resp: 19682
 Ion Ratio Lower Upper
 165 100
 63 2.2 32.5 48.7#
 89 1.4 61.8 92.6#
 182 0.0 2.3 3.5#

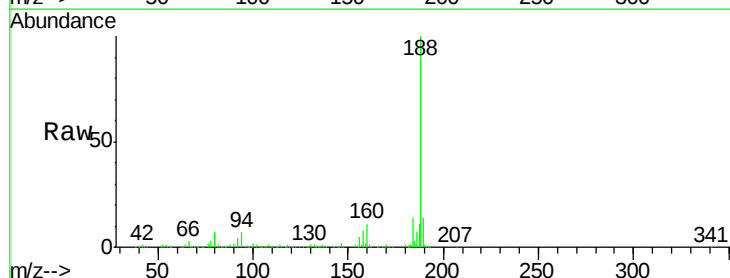


Abundance Ion 165.00 (164.70 to 165.70): E
 20000
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

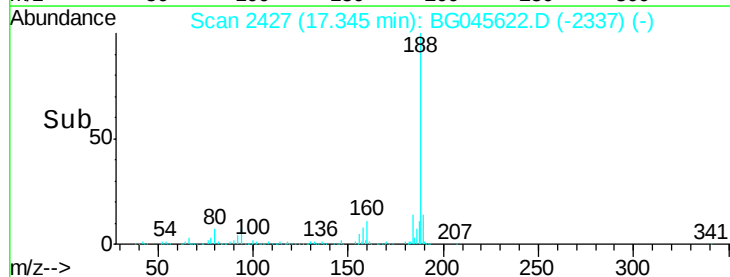
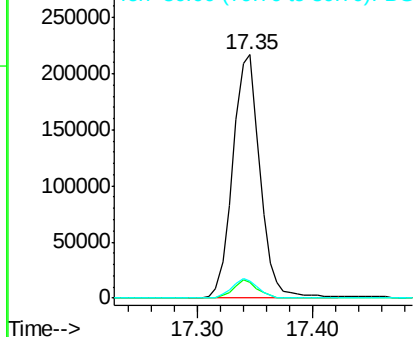


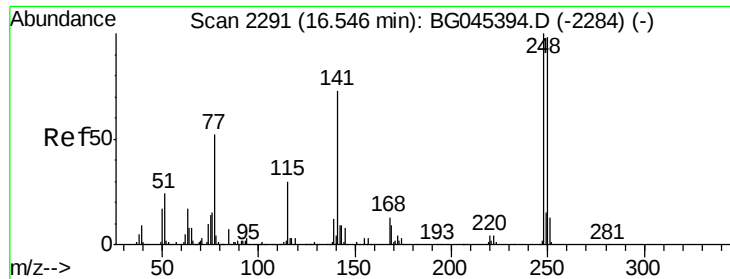
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.35 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BG045622.D
 Acq: 5 Jun 2020 18:50

Tgt Ion:188 Resp: 355144
 Ion Ratio Lower Upper
 188 100
 94 6.7 5.5 8.3
 80 6.9 6.6 10.0



Abundance Ion 188.00 (187.70 to 188.70): E
 300000
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC





#67

4-Bromophenyl-phenylether

Concen: 4.726 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.45 min

Lab File: BG045622.D

Acq: 5 Jun 2020 18:50

Instrument :

BNA_G

ClientSampleId :

CHRT-25606

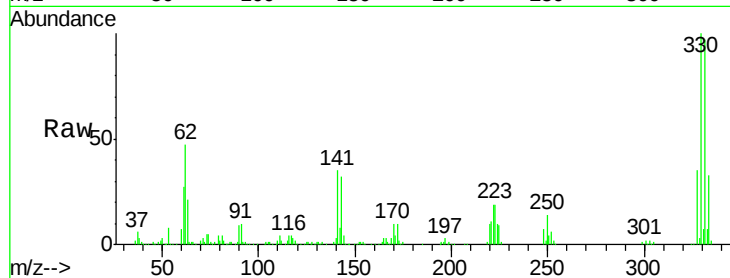
Tot Ion:248 Resp: 18174

Ion Ratio Lower Upper

248 100

250 193.1 78.6 117.8#

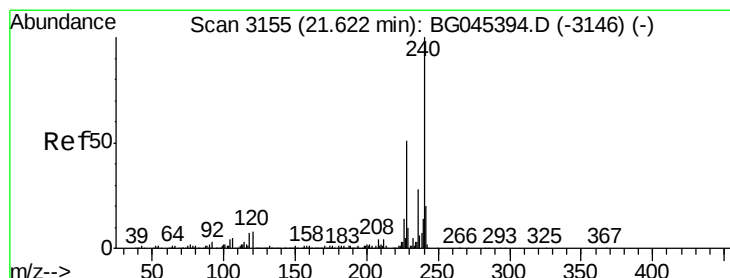
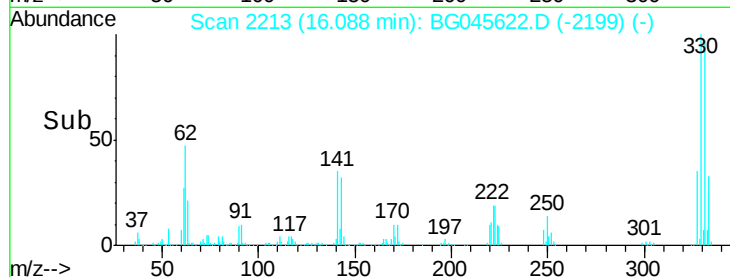
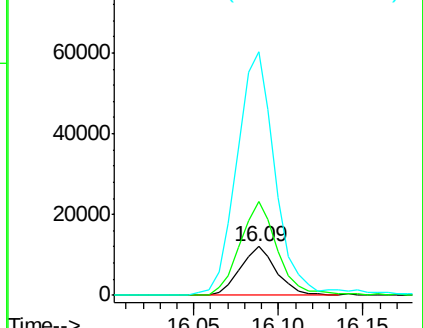
141 501.1 58.2 87.2#



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. -0.01 min

Lab File: BG045622.D

Acq: 5 Jun 2020 18:50

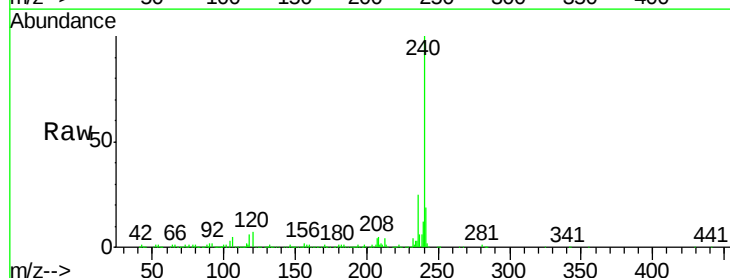
Tgt Ion:240 Resp: 369174

Ion Ratio Lower Upper

240 100

120 6.6 6.1 9.1

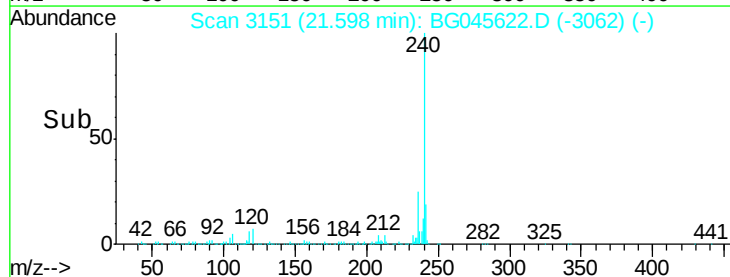
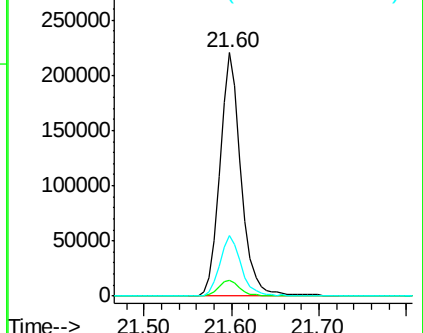
236 24.6 22.3 33.5

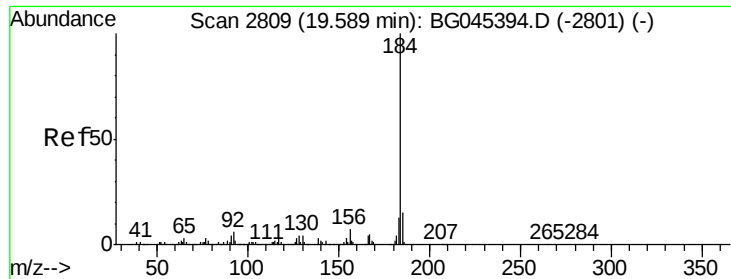


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.625 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.38 min

Lab File: BG045622.D

Acq: 5 Jun 2020 18:50

Instrument :

BNA_G

ClientSampleId :

CHRT-25606

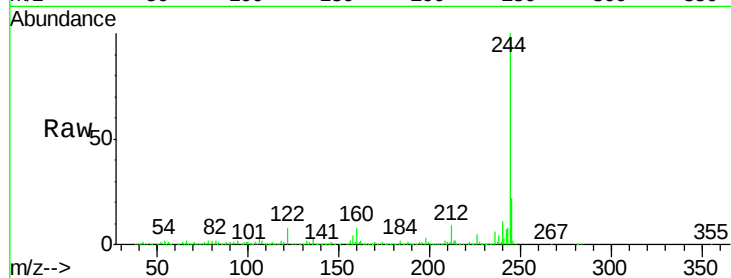
Tot Ion:184 Resp: 27212

Ion Ratio Lower Upper

184 100

185 17.8 11.7 17.5#

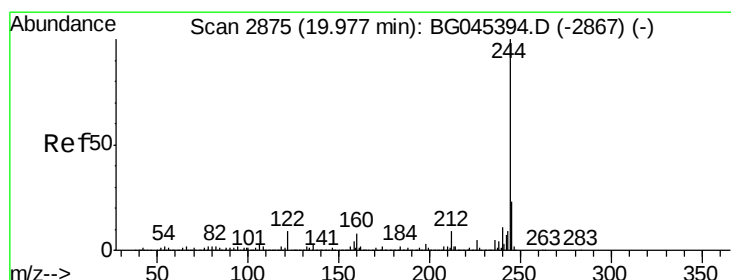
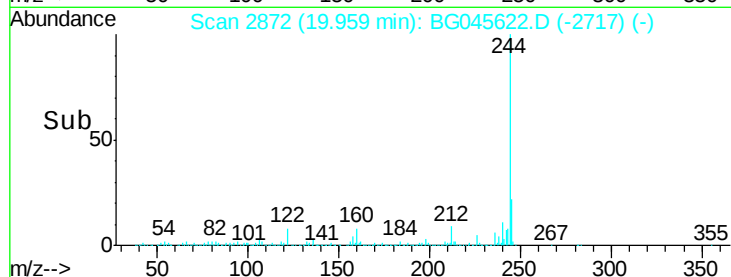
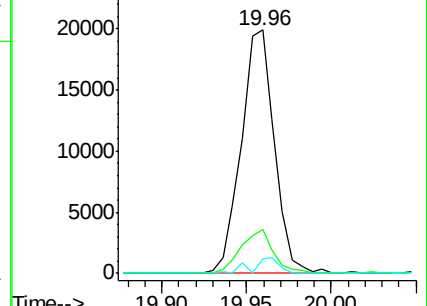
183 5.8 10.2 15.4#



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: 95.181 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045622.D

Acq: 5 Jun 2020 18:50

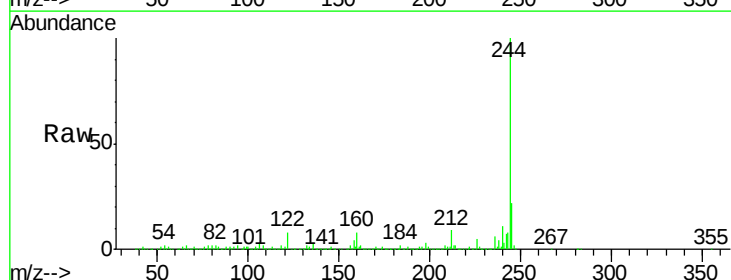
Tgt Ion:244 Resp: 1506602

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.0

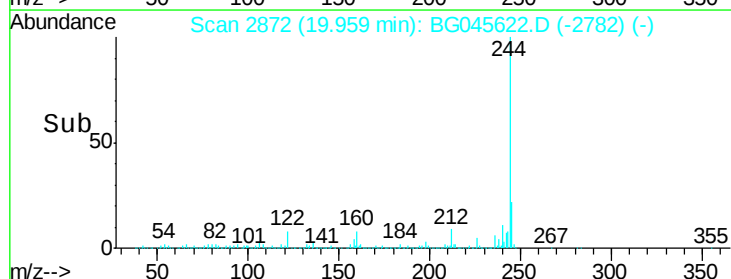
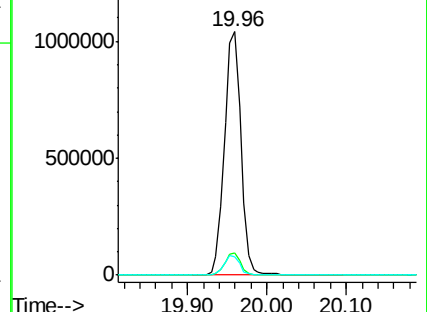
122 7.6 6.8 10.2

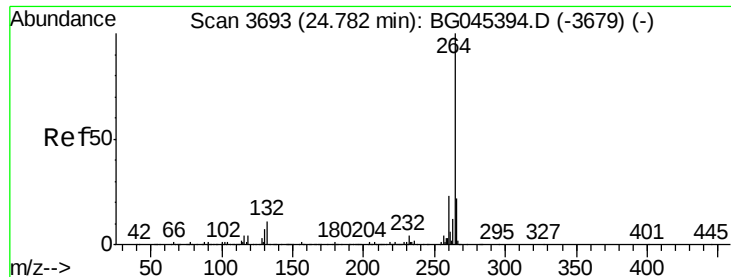


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

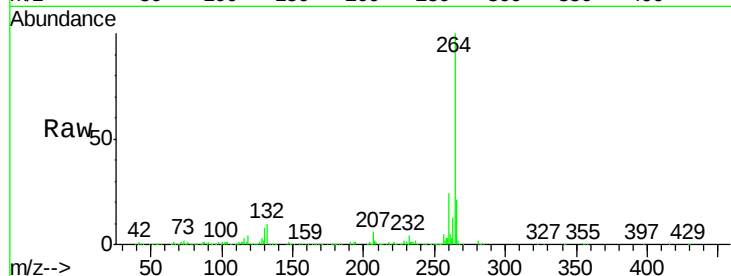




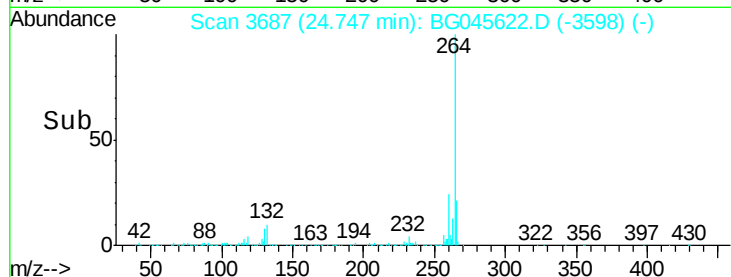
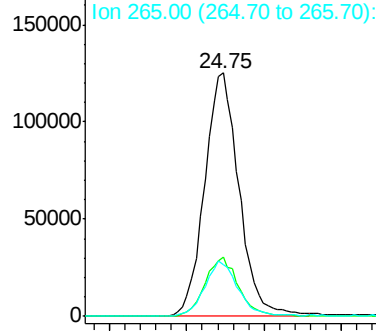
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.75 min Scan# 3687
 Delta R.T. -0.01 min
 Lab File: BG045622.D
 Acq: 5 Jun 2020 18:50

Instrument :
 BNA_G
 ClientSampleId :
 CHRT-25606

Tot Ion:	264	Resp:	390957
Ion	Ratio	Lower	Upper
264	100		
260	24.5	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



Time-->