

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102521\
 Data File : BG050711.D
 Acq On : 25 Oct 2021 15:18
 Operator : CG/JU
 Sample : M4313-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1-3-TOTES

Quant Time: Oct 25 16:00:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

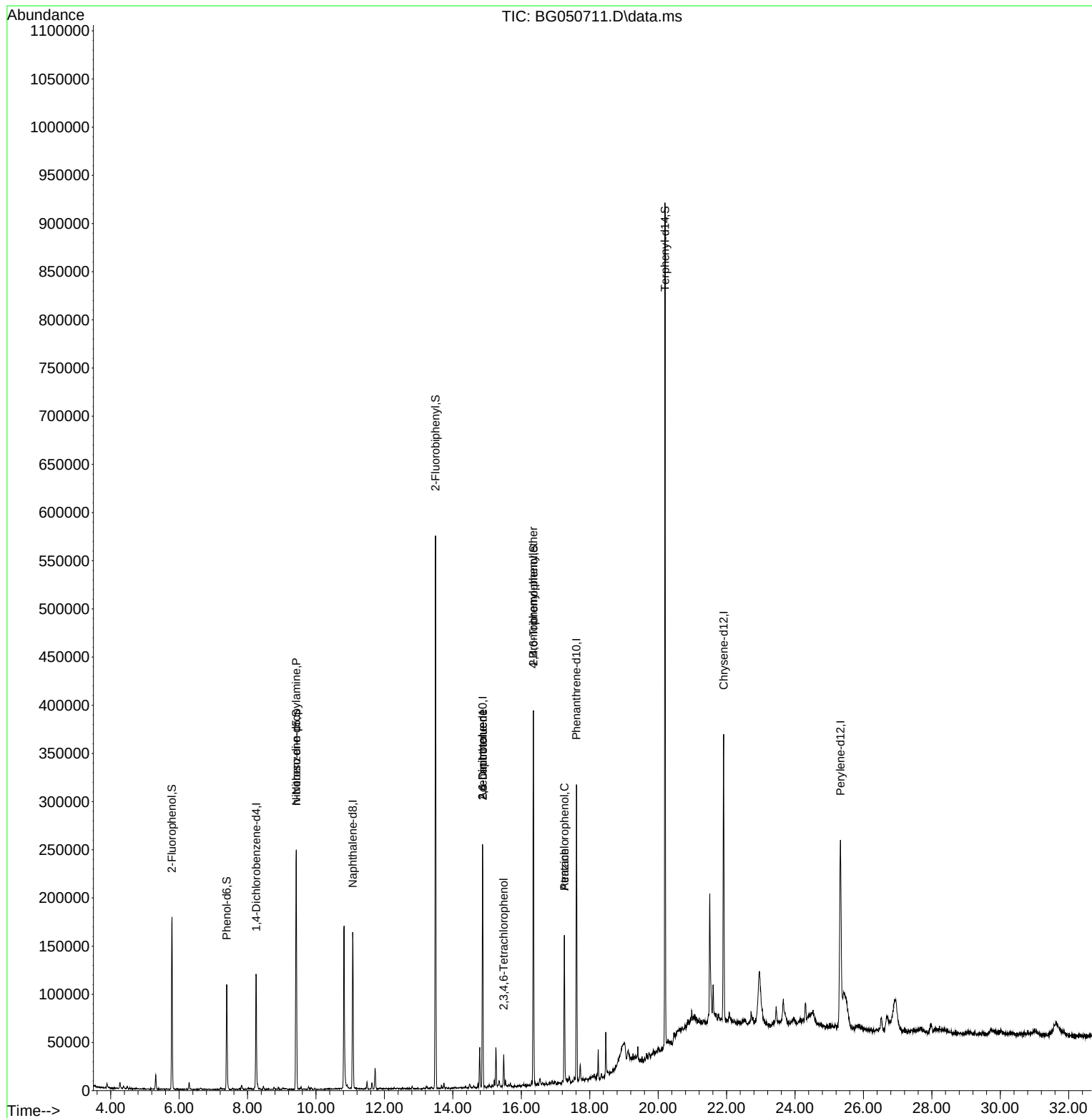
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	32746	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	134300	20.000	ng	#-0.01
39) Acenaphthene-d10	14.868	164	86813	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	184265	20.000	ng	# 0.00
76) Chrysene-d12	21.913	240	179041	20.000	ng	#-0.01
86) Perylene-d12	25.327	264	178182	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	75795	34.616	ng	0.00
7) Phenol-d6	7.389	99	62546	19.730	ng	-0.01
23) Nitrobenzene-d5	9.422	82	161592	49.808	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	58021	70.070	ng	0.00
45) 2-Fluorobiphenyl	13.493	172	284909	49.393	ng	-0.01
79) Terphenyl-d14	20.203	244	404962	44.079	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.377	77	66	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.422	70	23768	10.286	ng	# 69
51) 2,6-Dinitrotoluene	14.868	165	11117	8.458	ng	# 12
57) 2,4-Dinitrotoluene	14.868	165	11117	6.001	ng	# 17
59) 2,3,4,6-Tetrachlorophenol	15.485	232	6928	4.211	ng	# 97
67) 4-Bromophenyl-phenylether	16.349	248	4674	2.517	ng	# 1
69) Atrazine	17.260	200	5736	2.781	ng	# 37
70) Pentachlorophenol	17.260	266	28381	22.591	ng	96

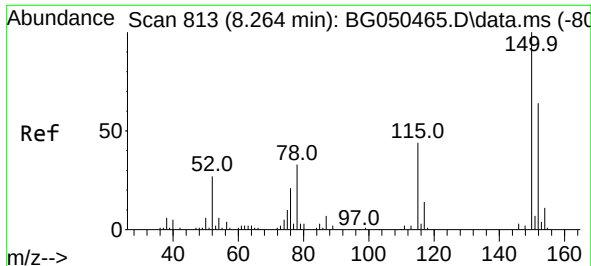
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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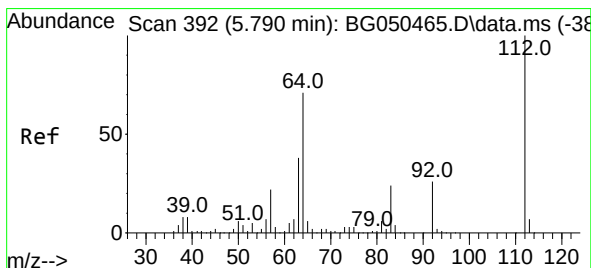
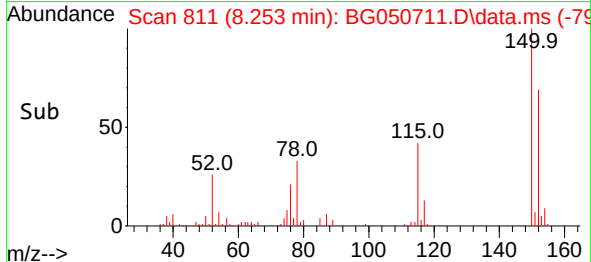
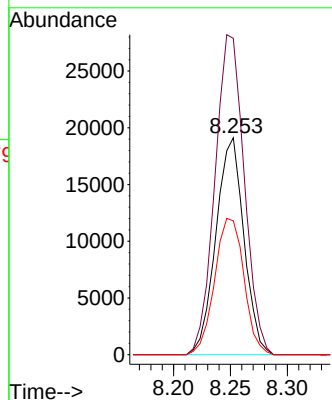
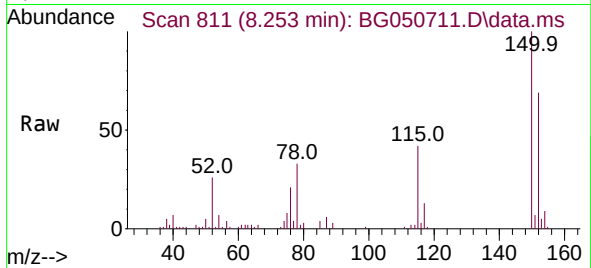




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.253 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG050711.D
Acq: 25 Oct 2021 15:18

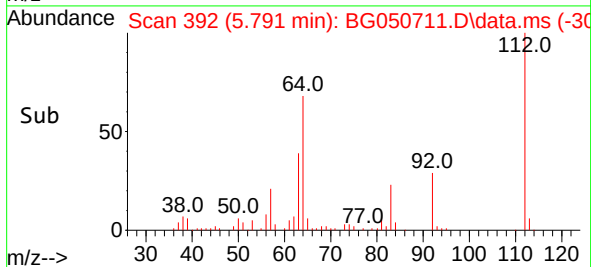
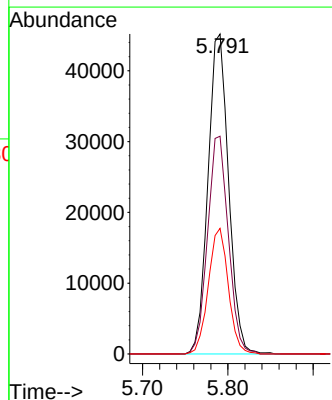
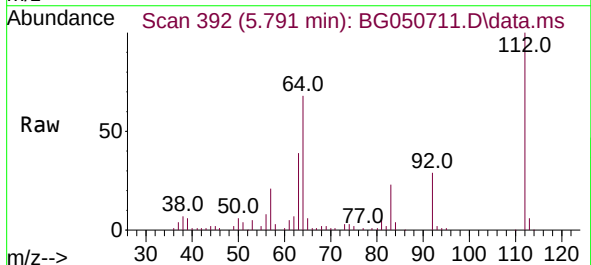
Instrument :
BNA_G
ClientSampleId :
1-3-TOTES

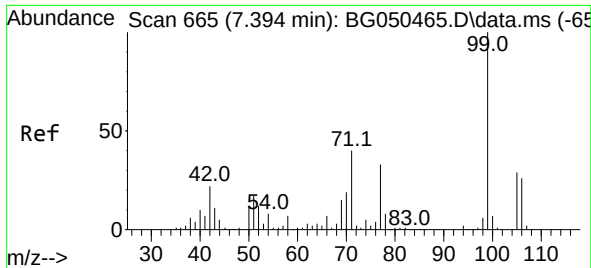
Tgt Ion:152 Resp: 32746
Ion Ratio Lower Upper
152 100
150 145.8 119.4 179.0
115 61.7 60.2 90.4



#5
2-Fluorophenol
Concen: 34.616 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.000 min
Lab File: BG050711.D
Acq: 25 Oct 2021 15:18

Tgt Ion:112 Resp: 75795
Ion Ratio Lower Upper
112 100
64 68.1 46.7 70.1
63 39.3 35.3 52.9

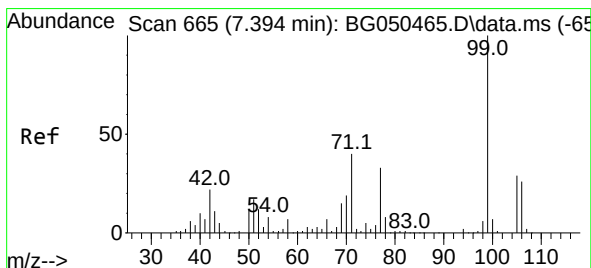
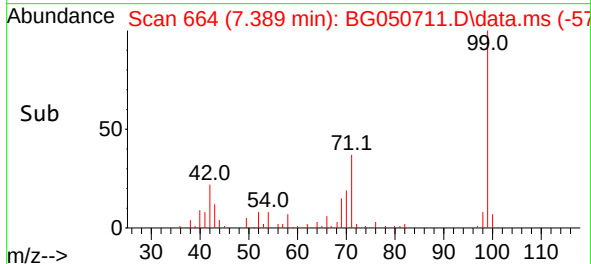
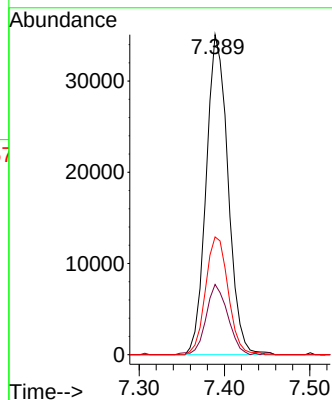
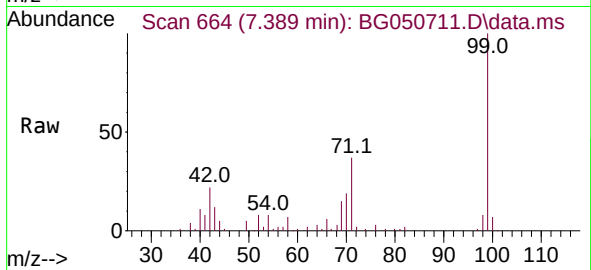




#7
Phenol-d6
Concen: 19.730 ng
RT: 7.389 min Scan# 664
Delta R.T. -0.012 min
Lab File: BG050711.D
Acq: 25 Oct 2021 15:18

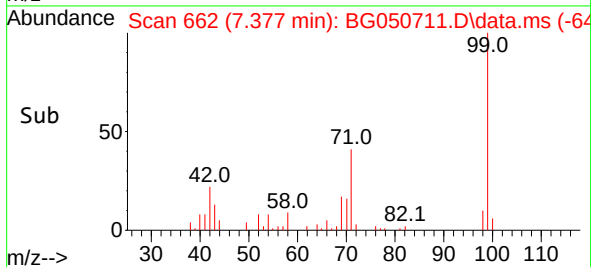
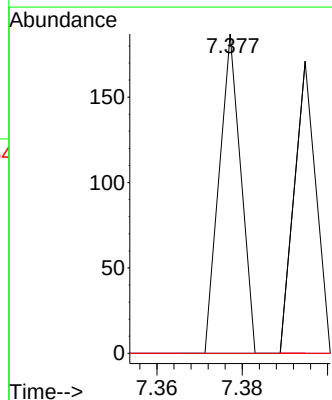
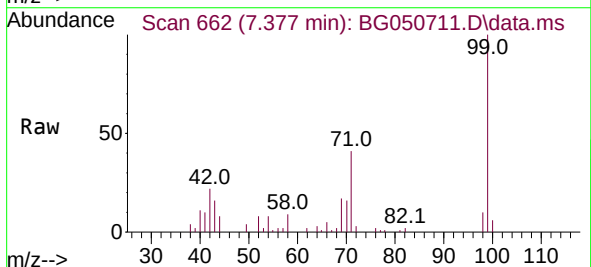
Instrument :
BNA_G
ClientSampleId :
1-3-TOTES

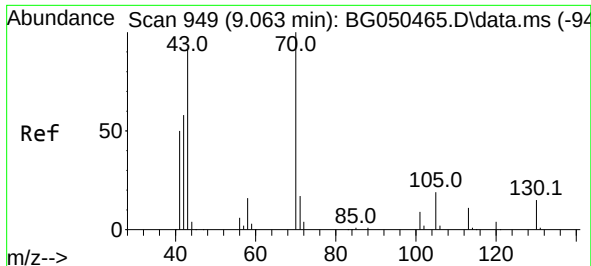
Tgt Ion: 99 Resp: 62546
Ion Ratio Lower Upper
99 100
42 21.9 20.5 30.7
71 36.8 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.377 min Scan# 662
Delta R.T. -0.012 min
Lab File: BG050711.D
Acq: 25 Oct 2021 15:18

Tgt Ion: 77 Resp: 66
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

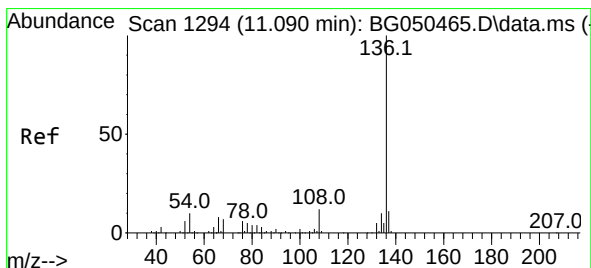
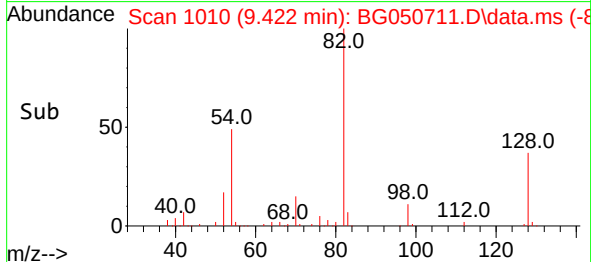
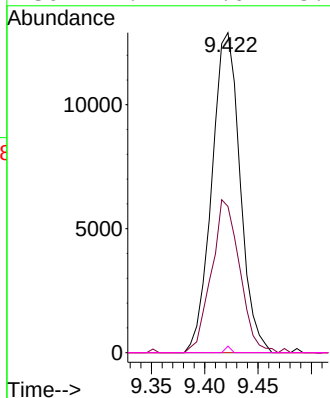
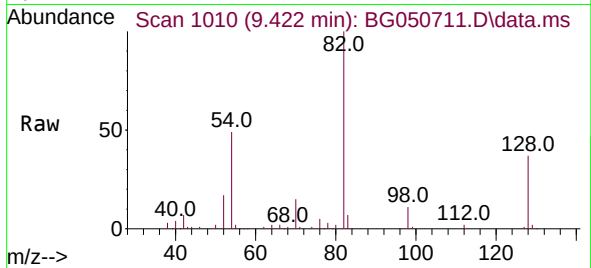




#19
n-Nitroso-di-n-propylamine
Concen: 10.286 ng
RT: 9.422 min Scan# 1010
Delta R.T. 0.364 min
Lab File: BG050711.D
Acq: 25 Oct 2021 15:18

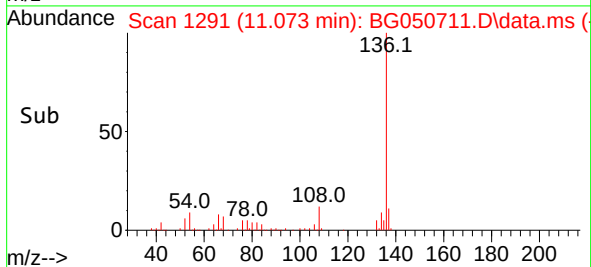
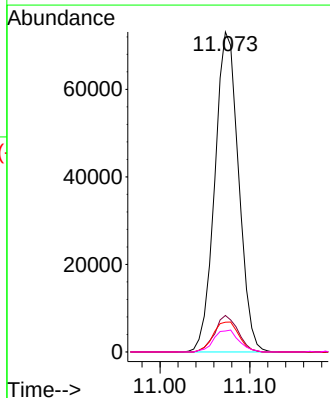
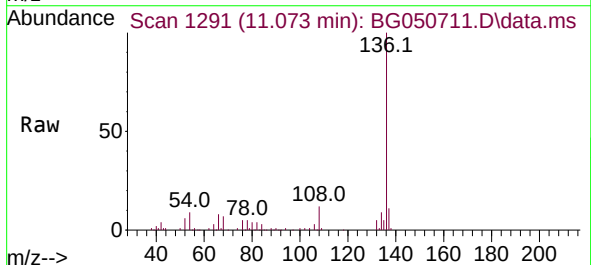
Instrument :
BNA_G
ClientSampleId :
1-3-TOTES

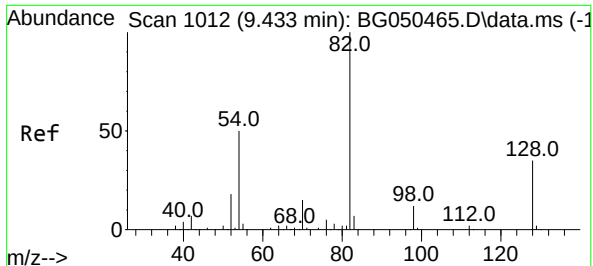
Tgt Ion: 70 Resp: 23768
Ion Ratio Lower Upper
70 100
42 45.7 54.5 81.7#
101 0.0 9.0 13.6#
130 2.1 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BG050711.D
Acq: 25 Oct 2021 15:18

Tgt Ion:136 Resp: 134300
Ion Ratio Lower Upper
136 100
137 11.4 8.2 12.2
54 9.3 5.5 8.3#
68 6.5 2.3 3.5#

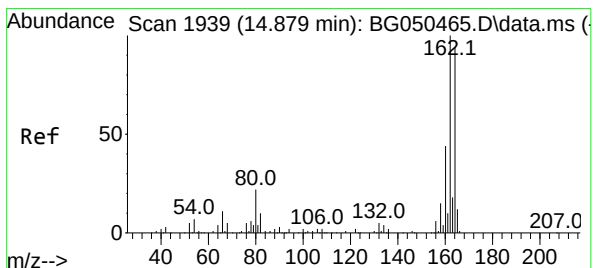
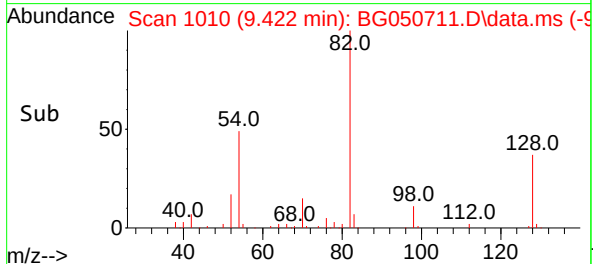
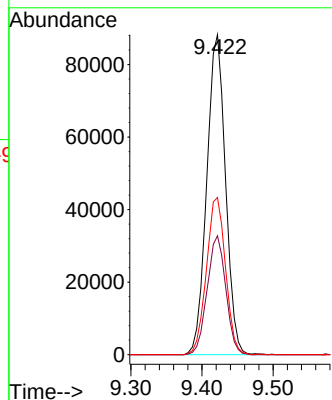
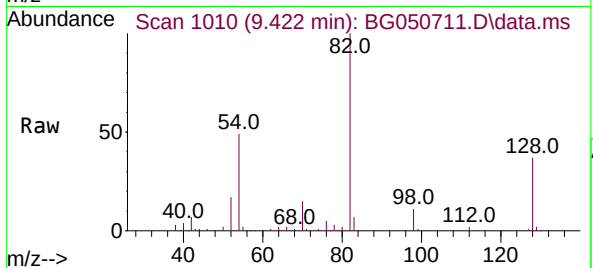




#23
Nitrobenzene-d5
Concen: 49.808 ng
RT: 9.422 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BG050711.D
Acq: 25 Oct 2021 15:18

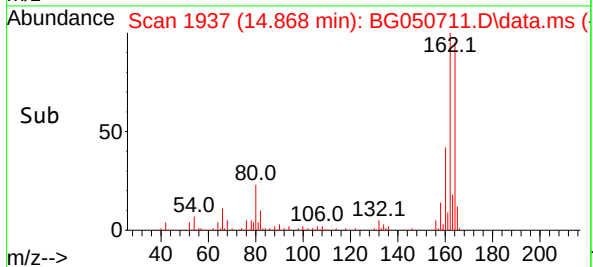
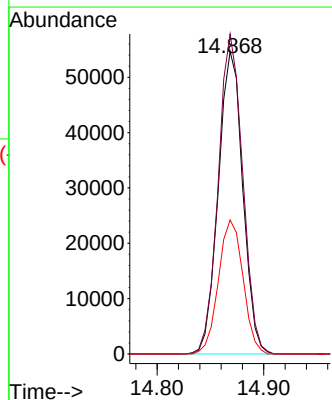
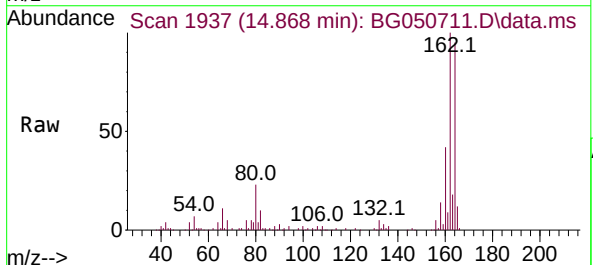
Instrument :
BNA_G
ClientSampleId :
1-3-TOTES

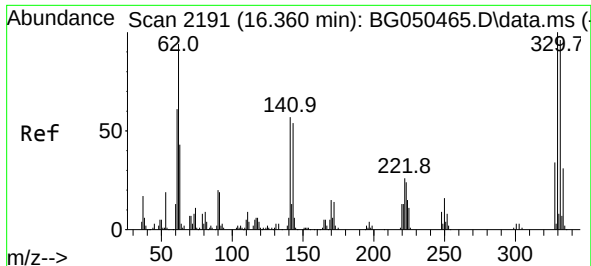
Tgt Ion: 82 Resp: 161592
Ion Ratio Lower Upper
82 100
128 37.2 29.8 44.6
54 49.1 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.868 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG050711.D
Acq: 25 Oct 2021 15:18

Tgt Ion:164 Resp: 86813
Ion Ratio Lower Upper
164 100
162 105.8 81.4 122.0
160 44.3 34.9 52.3

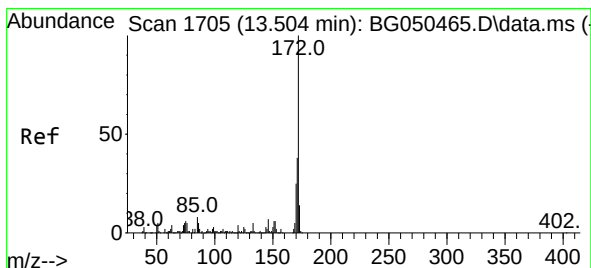
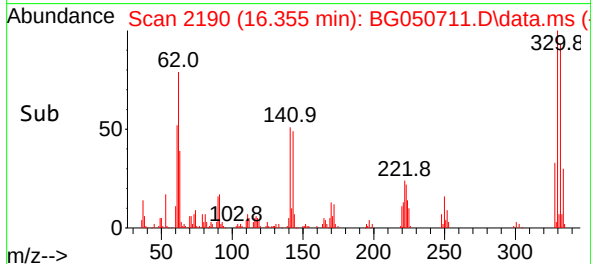
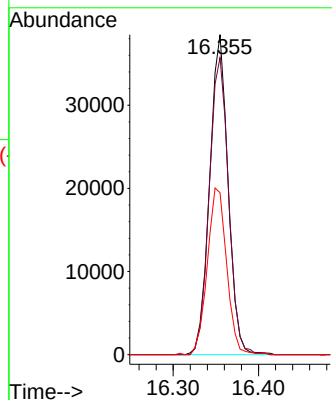
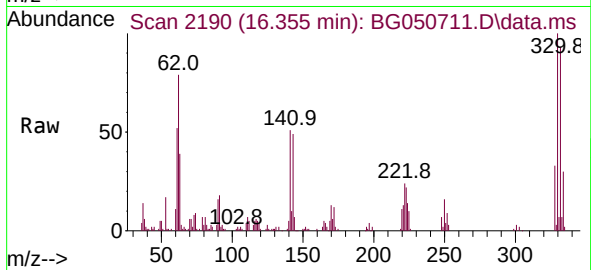




#42
2,4,6-Tribromophenol
Concen: 70.070 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BG050711.D
Acq: 25 Oct 2021 15:18

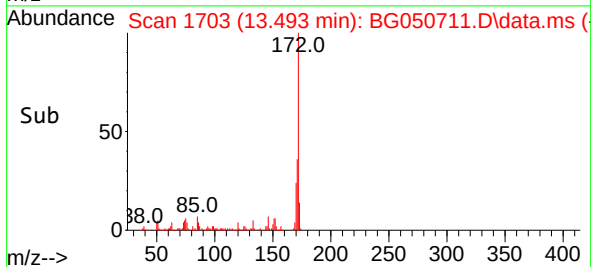
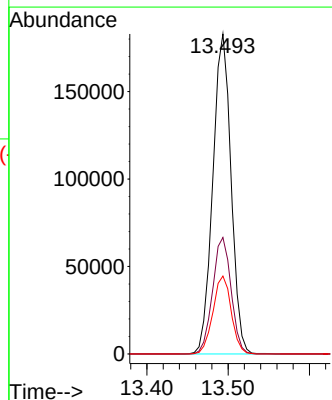
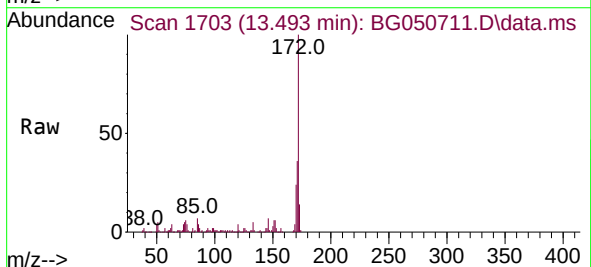
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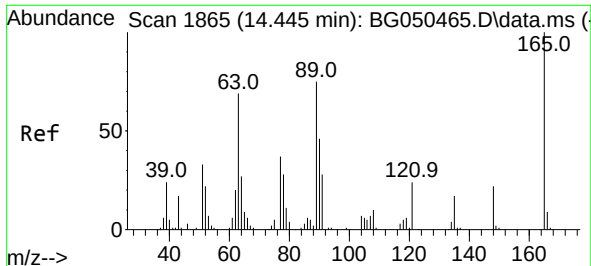
Tgt Ion:330 Resp: 58021
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 54.8 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 49.393 ng
RT: 13.493 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BG050711.D
Acq: 25 Oct 2021 15:18

Tgt Ion:172 Resp: 284909
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.4 18.6 27.8

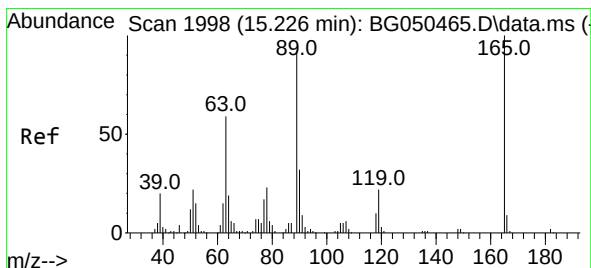
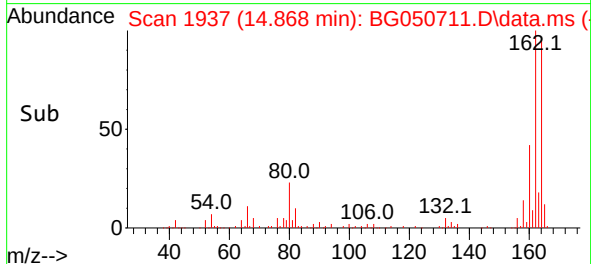
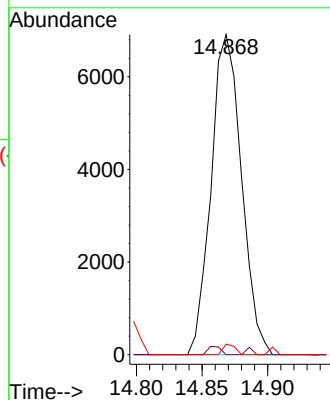
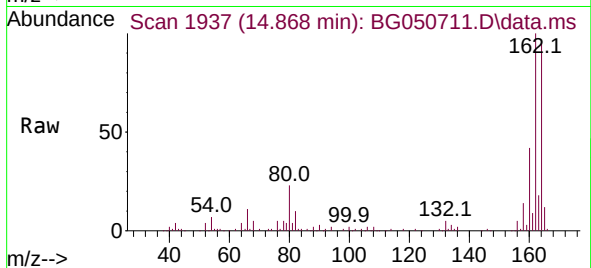




#51
2,6-Dinitrotoluene
Concen: 8.458 ng
RT: 14.868 min Scan# 1937
Delta R.T. 0.423 min
Lab File: BG050711.D
Acq: 25 Oct 2021 15:18

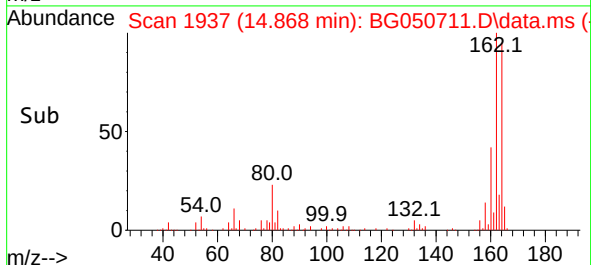
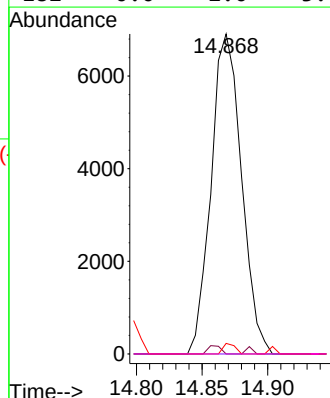
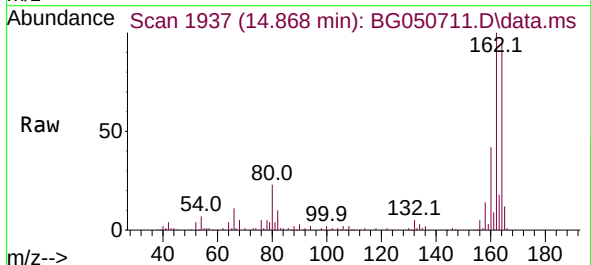
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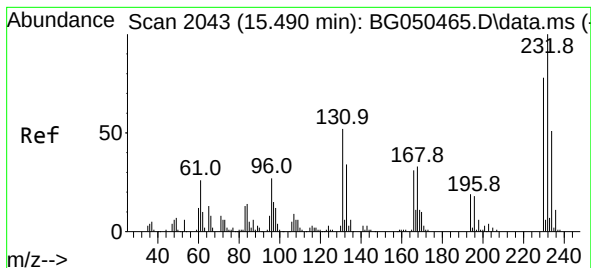
Tgt Ion:165 Resp: 11117
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.3 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.001 ng
RT: 14.868 min Scan# 1937
Delta R.T. -0.358 min
Lab File: BG050711.D
Acq: 25 Oct 2021 15:18

Tgt Ion:165 Resp: 11117
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.3 65.4 98.0#
182 0.0 2.0 3.0#

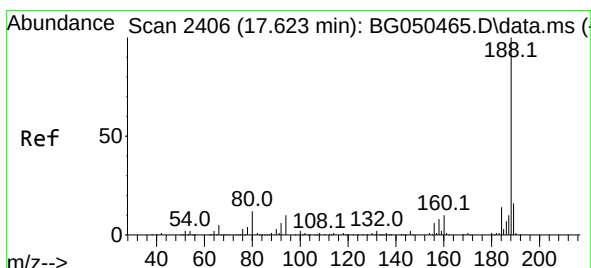
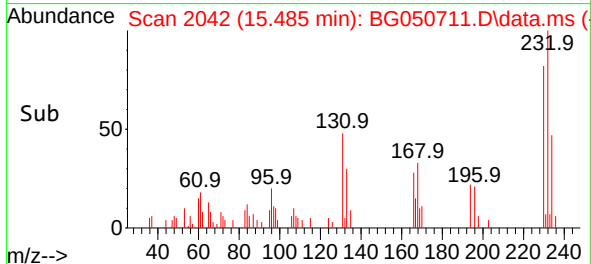
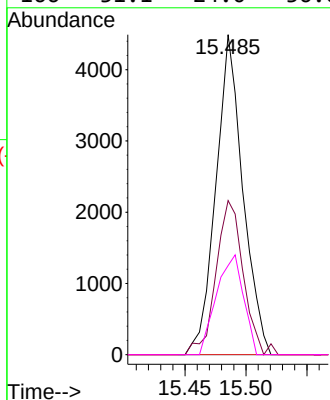
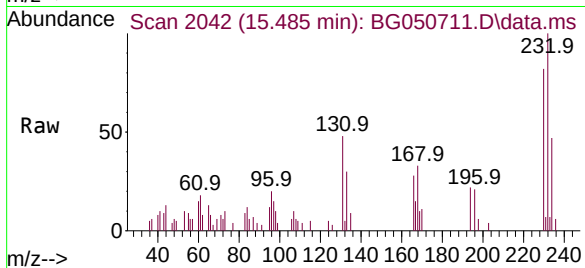




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.211 ng
RT: 15.485 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BG050711.D
Acq: 25 Oct 2021 15:18

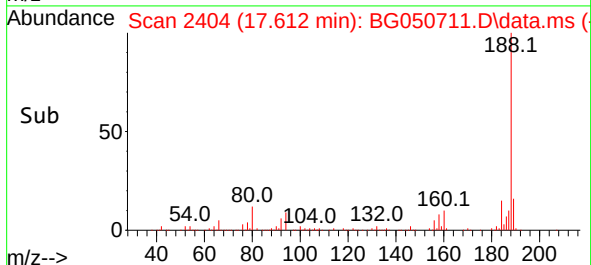
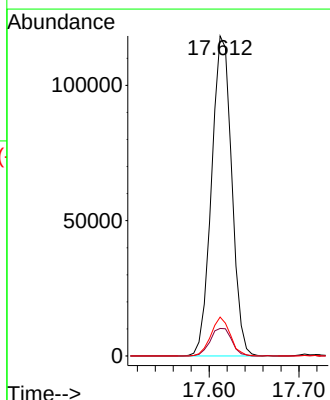
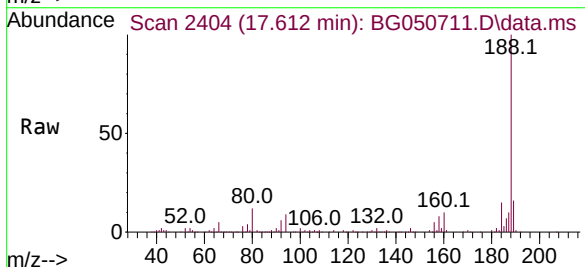
Instrument :
BNA_G
ClientSampleId :
1-3-TOTES

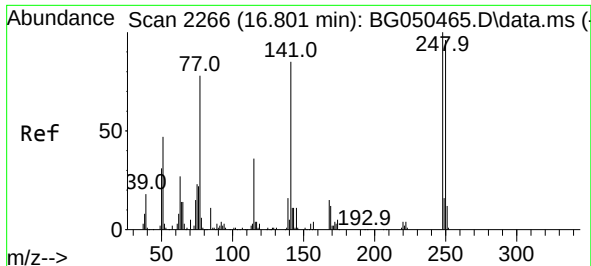
Tgt Ion:232 Resp: 6928
Ion Ratio Lower Upper
232 100
131 48.7 37.2 55.8
130 0.0 2.8 4.2#
166 31.1 24.0 36.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.612 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BG050711.D
Acq: 25 Oct 2021 15:18

Tgt Ion:188 Resp: 184265
Ion Ratio Lower Upper
188 100
94 8.6 5.4 8.0#
80 12.1 3.7 5.5#

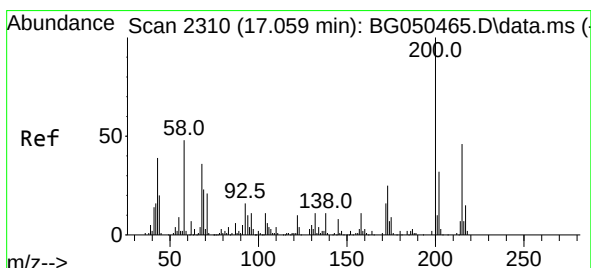
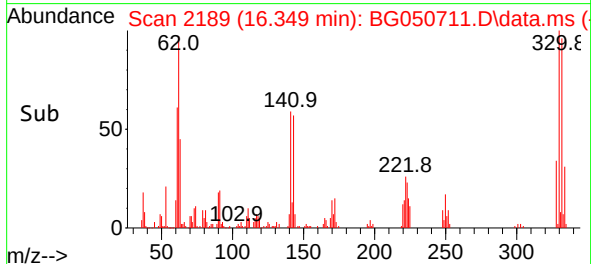
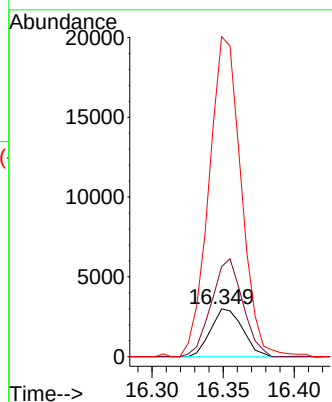
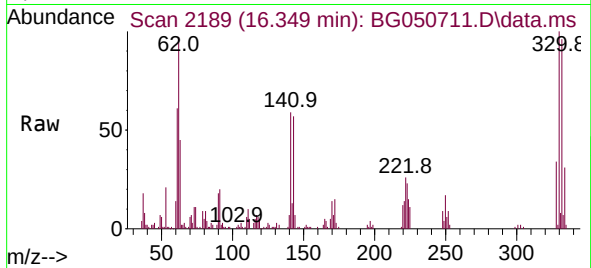




#67
4-Bromophenyl-phenylether
Concen: 2.517 ng
RT: 16.349 min Scan# 2189
Delta R.T. -0.452 min
Lab File: BG050711.D
Acq: 25 Oct 2021 15:18

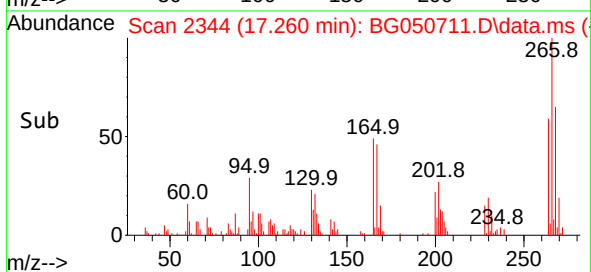
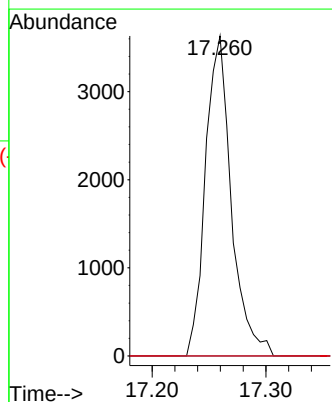
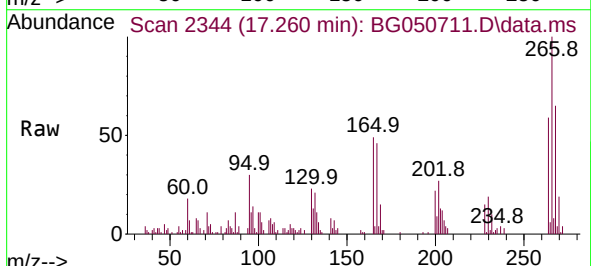
Instrument :
BNA_G
ClientSampleId :
1-3-TOTES

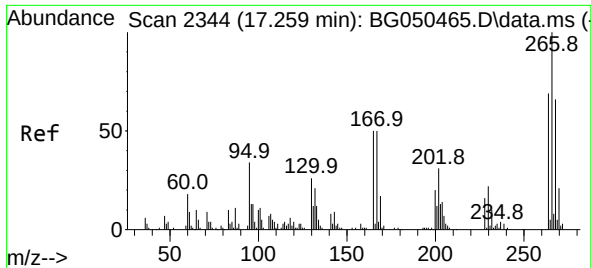
Tgt Ion:248 Resp: 4674
Ion Ratio Lower Upper
248 100
250 188.4 76.1 114.1#
141 669.2 65.4 98.2#



#69
Atrazine
Concen: 2.781 ng
RT: 17.260 min Scan# 2344
Delta R.T. 0.200 min
Lab File: BG050711.D
Acq: 25 Oct 2021 15:18

Tgt Ion:200 Resp: 5736
Ion Ratio Lower Upper
200 100
173 0.0 3.7 43.7#
215 0.0 26.9 66.9#

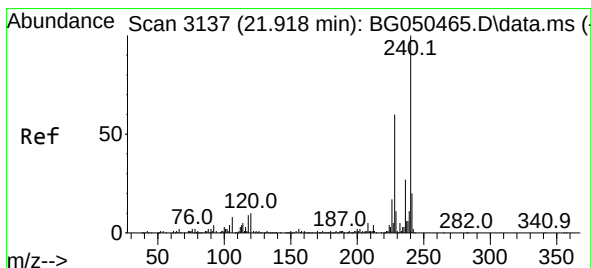
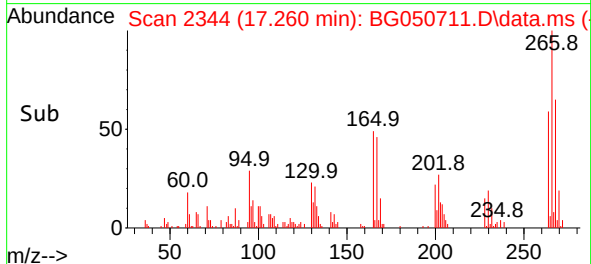
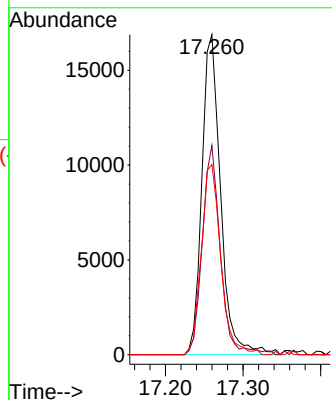
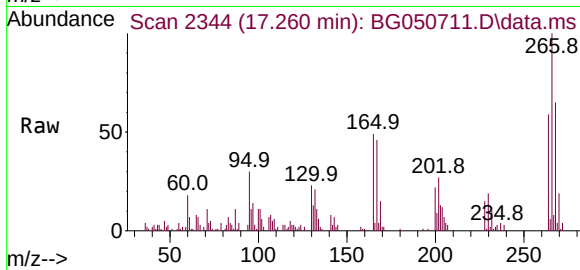




#70
 Pentachlorophenol
 Concen: 22.591 ng
 RT: 17.260 min Scan# 2344
 Delta R.T. -0.006 min
 Lab File: BG050711.D
 Acq: 25 Oct 2021 15:18

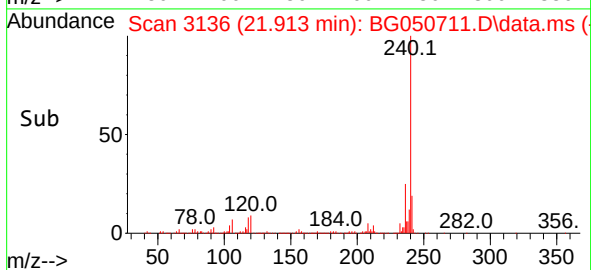
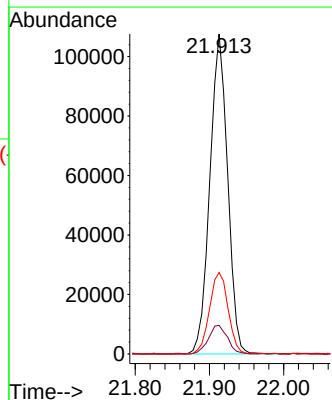
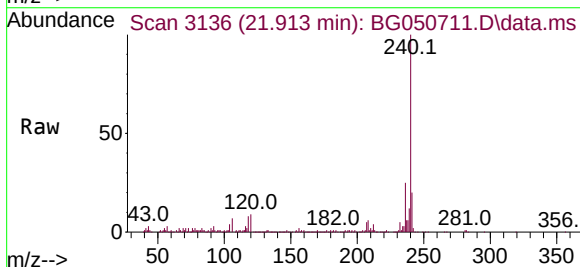
Instrument :
 BNA_G
 ClientSampleId :
 1-3-TOTES

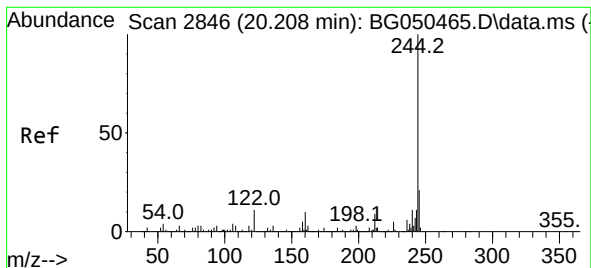
Tgt Ion:	266	Resp:	28381
Ion	Ratio	Lower	Upper
266	100		
268	65.4	49.0	73.4
264	59.4	49.0	73.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.913 min Scan# 3136
 Delta R.T. -0.012 min
 Lab File: BG050711.D
 Acq: 25 Oct 2021 15:18

Tgt Ion:	240	Resp:	179041
Ion	Ratio	Lower	Upper
240	100		
120	9.0	4.2	6.2
236	25.5	21.8	32.6





#79

Terphenyl-d14

Concen: 44.079 ng

RT: 20.203 min Scan# 2845

Delta R.T. -0.006 min

Lab File: BG050711.D

Acq: 25 Oct 2021 15:18

Tgt Ion:244 Resp: 404962

Ion Ratio Lower Upper

244 100

212 7.8 6.9 10.3

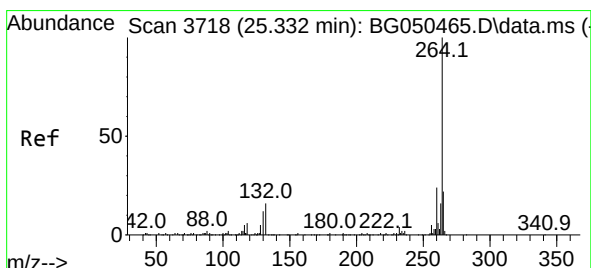
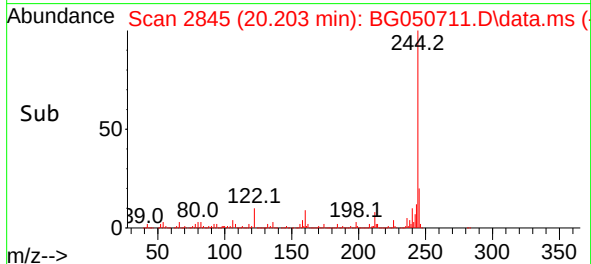
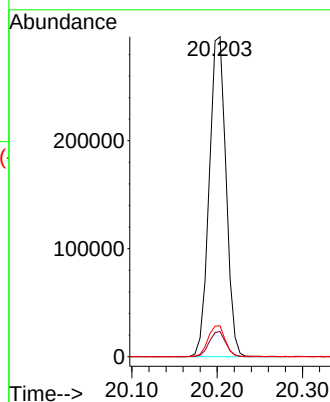
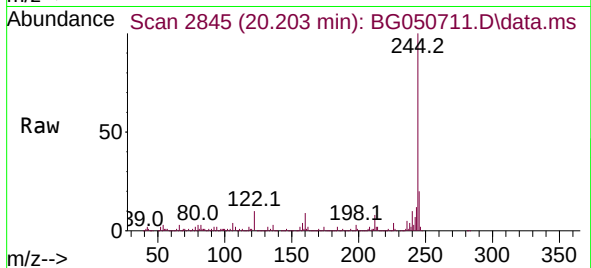
122 9.6 5.0 7.6#

Instrument :

BNA_G

ClientSampleId :

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#86

Perylene-d12

Concen: 20.000 ng

RT: 25.327 min Scan# 3717

Delta R.T. -0.006 min

Lab File: BG050711.D

Acq: 25 Oct 2021 15:18

Tgt Ion:264 Resp: 178182

Ion Ratio Lower Upper

264 100

260 25.9 19.4 29.2

265 22.5 16.9 25.3

