

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102521\
 Data File : BG050717.D
 Acq On : 25 Oct 2021 19:26
 Operator : CG/JU
 Sample : M4295-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-251686

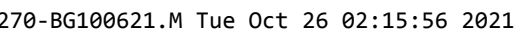
Quant Time: Oct 26 02:15:50 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

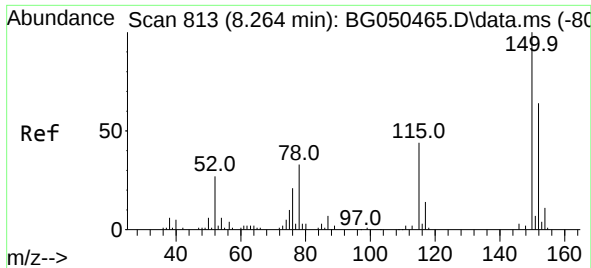
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	40790	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	171319	20.000	ng	#-0.01
39) Acenaphthene-d10	14.869	164	106425	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	211518	20.000	ng	# 0.00
76) Chrysene-d12	21.913	240	187502	20.000	ng	#-0.01
86) Perylene-d12	25.327	264	194283	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	272906	100.059	ng	0.00
7) Phenol-d6	7.395	99	370240	93.758	ng	0.00
23) Nitrobenzene-d5	9.422	82	265489	64.150	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	98706	97.237	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	480812	67.995	ng	-0.01
79) Terphenyl-d14	20.203	244	647906	67.341	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.389	77	710	Below Cal	#	55
19) n-Nitroso-di-n-propyla...	9.422	70	37288	12.955	ng	# 70
51) 2,6-Dinitrotoluene	14.869	165	13876	8.612	ng	# 12
57) 2,4-Dinitrotoluene	14.869	165	13876	6.110	ng	# 17
67) 4-Bromophenyl-phenylether	16.355	248	8256	3.873	ng	# 1
70) Pentachlorophenol	17.254	266	9553	6.624	ng	92
71) Phenanthrene	17.654	178	76526	6.866	ng	96
75) Fluoranthene	19.651	202	202293	14.764	ng	95
78) Pyrene	20.015	202	179570	13.498	ng	99
81) Benzo(a)anthracene	21.890	228	87533	7.055	ng	98
83) Chrysene	21.960	228	108503	9.297	ng	94
84) Bis(2-ethylhexyl)phtha...	21.760	149	226896	28.379	ng	# 96
87) Indeno(1,2,3-cd)pyrene	29.246	276	79498	5.875	ng	# 94
88) Benzo(b)fluoranthene	24.234	252	168753	14.183	ng	# 91
89) Benzo(k)fluoranthene	24.234	252	168753	14.417	ng	# 95
90) Benzo(a)pyrene	25.162	252	97866	9.674	ng	# 90
92) Benzo(g,h,i)perylene	30.468	276	79730	7.273	ng	# 88

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
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QLast Update : Thu Oct 14 10:56:22 2021
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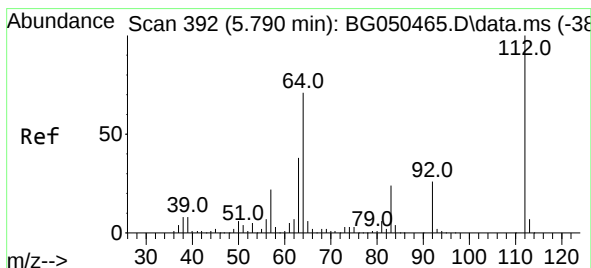
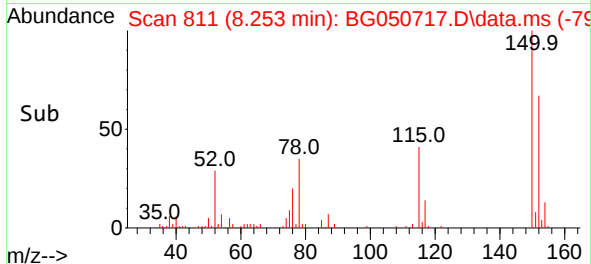
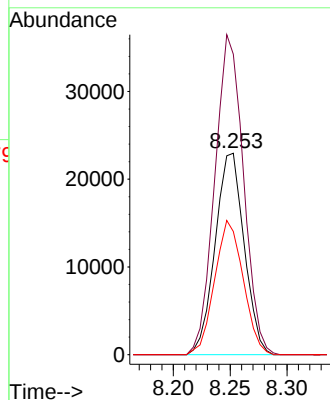
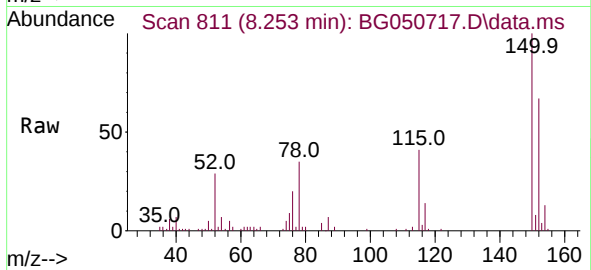




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.253 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG050717.D
Acq: 25 Oct 2021 19:26

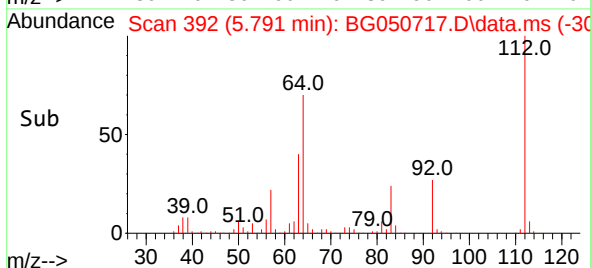
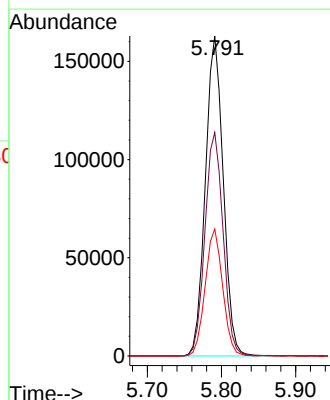
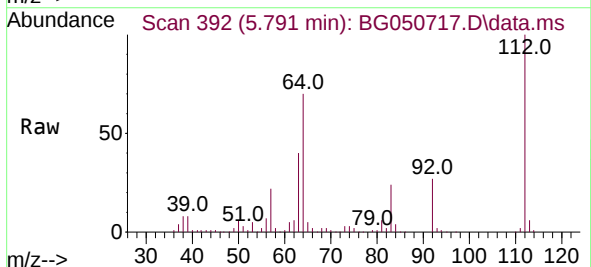
Instrument :
BNA_G
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RBR-251686

Tgt Ion:152 Resp: 40790
Ion Ratio Lower Upper
152 100
150 149.2 119.4 179.0
115 61.2 60.2 90.4



#5
2-Fluorophenol
Concen: 100.059 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.000 min
Lab File: BG050717.D
Acq: 25 Oct 2021 19:26

Tgt Ion:112 Resp: 272906
Ion Ratio Lower Upper
112 100
64 69.8 46.7 70.1
63 39.7 35.3 52.9

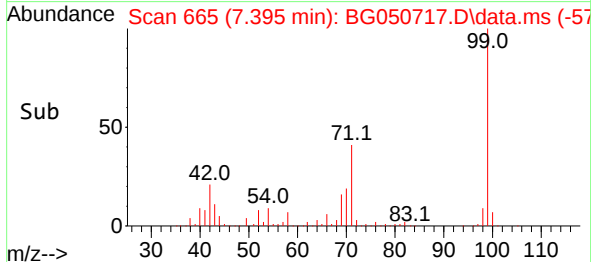
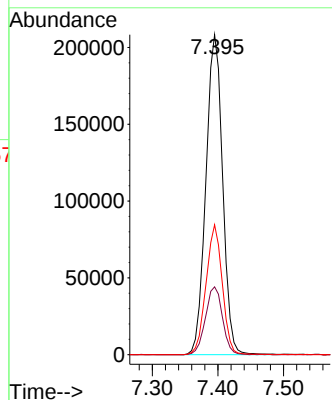
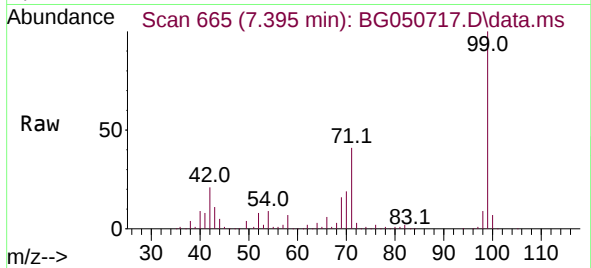




#7
Phenol-d6
Concen: 93.758 ng
RT: 7.395 min Scan# 665
Delta R.T. -0.006 min
Lab File: BG050717.D
Acq: 25 Oct 2021 19:26

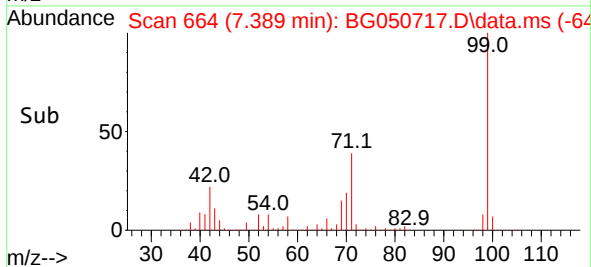
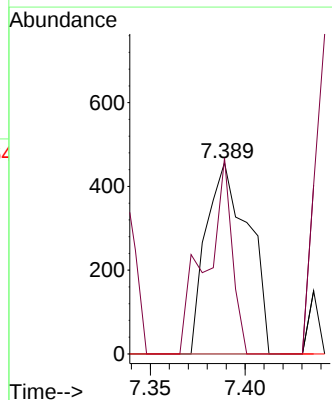
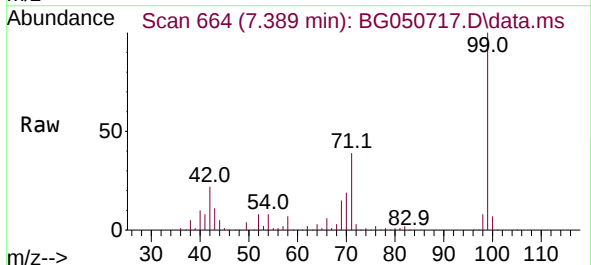
Instrument :
BNA_G
ClientSampleId :
RBR-251686

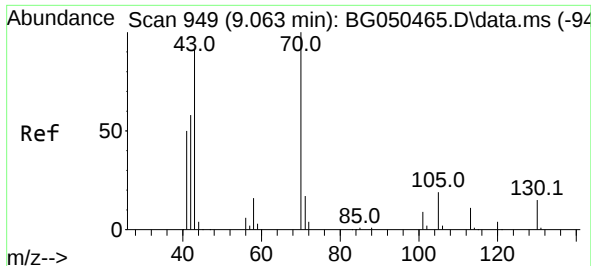
Tgt Ion: 99 Resp: 370240
Ion Ratio Lower Upper
99 100
42 21.2 20.5 30.7
71 40.6 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.389 min Scan# 664
Delta R.T. 0.000 min
Lab File: BG050717.D
Acq: 25 Oct 2021 19:26

Tgt Ion: 77 Resp: 710
Ion Ratio Lower Upper
77 100
105 102.4 68.8 108.8
106 0.0 47.9 87.9#

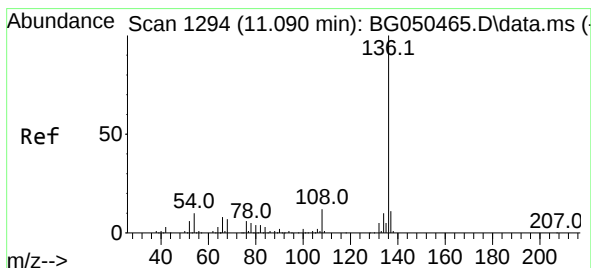
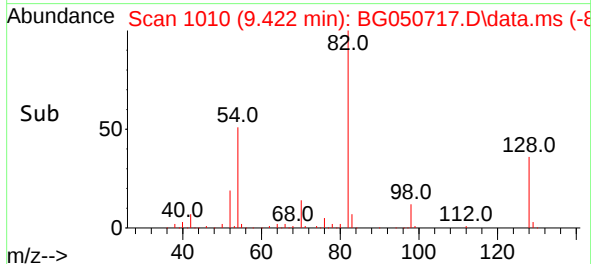
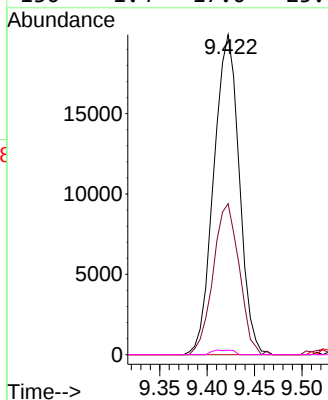
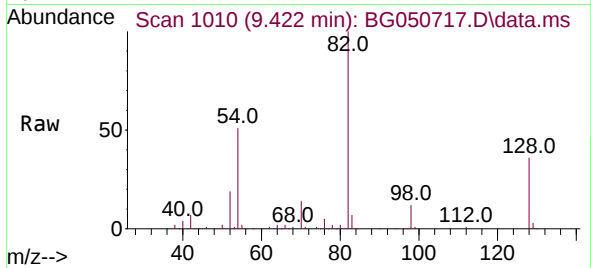




#19
n-Nitroso-di-n-propylamine
Concen: 12.955 ng
RT: 9.422 min Scan# 1010
Delta R.T. 0.365 min
Lab File: BG050717.D
Acq: 25 Oct 2021 19:26

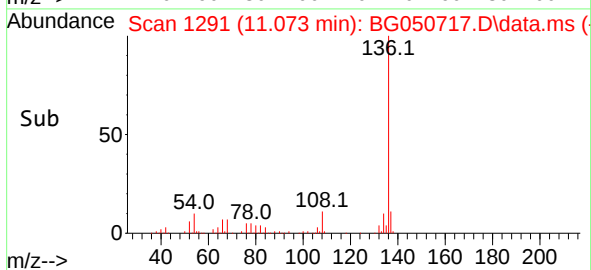
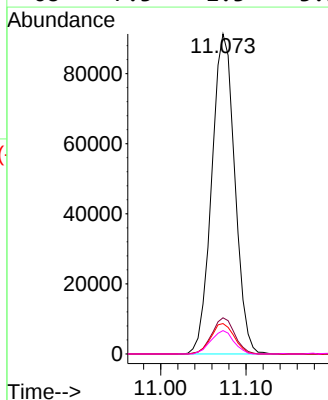
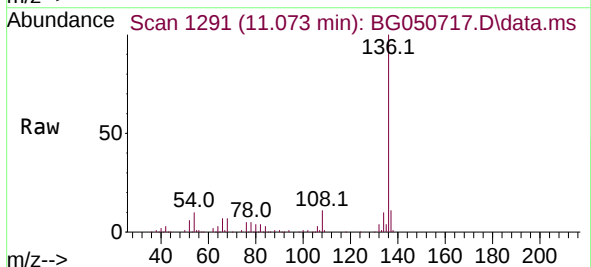
Instrument :
BNA_G
ClientSampleId :
RBR-251686

Tgt Ion: 70 Resp: 37288
Ion Ratio Lower Upper
70 100
42 47.2 54.5 81.7#
101 0.0 9.0 13.6#
130 1.4 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 1291
Delta R.T. -0.011 min
Lab File: BG050717.D
Acq: 25 Oct 2021 19:26

Tgt Ion:136 Resp: 171319
Ion Ratio Lower Upper
136 100
137 11.3 8.2 12.2
54 9.5 5.5 8.3#
68 7.3 2.3 3.5#

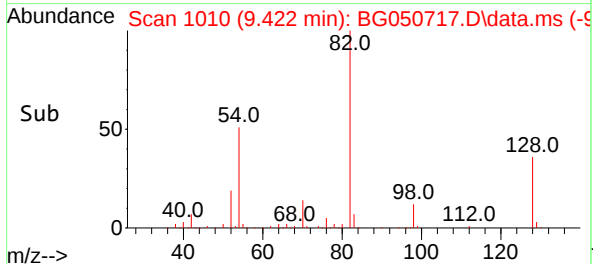
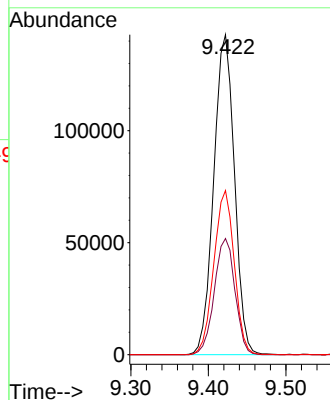
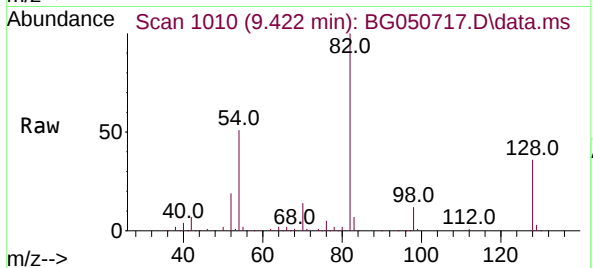




#23
Nitrobenzene-d5
Concen: 64.150 ng
RT: 9.422 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BG050717.D
Acq: 25 Oct 2021 19:26

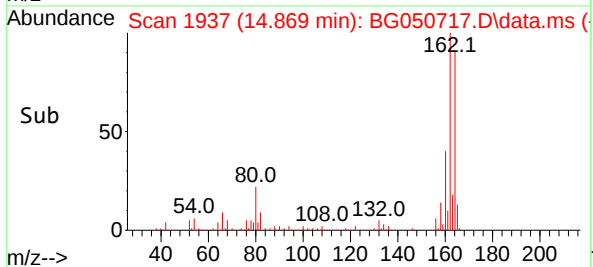
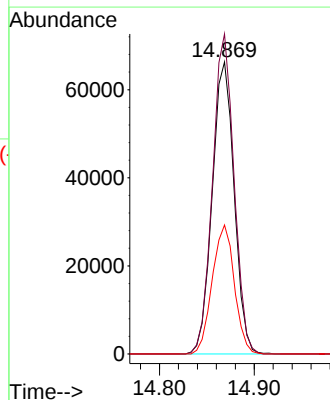
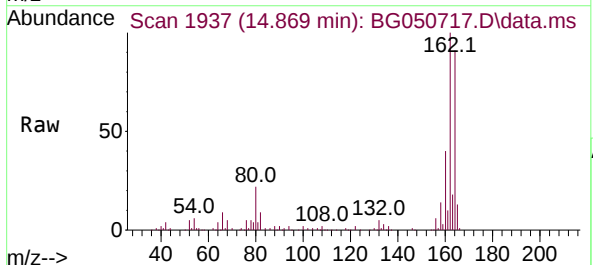
Instrument :
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ClientSampleId :
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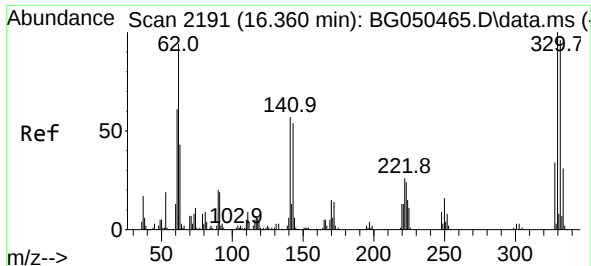
Tgt Ion: 82 Resp: 265489
Ion Ratio Lower Upper
82 100
128 36.3 29.8 44.6
54 51.3 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG050717.D
Acq: 25 Oct 2021 19:26

Tgt Ion:164 Resp: 106425
Ion Ratio Lower Upper
164 100
162 109.6 81.4 122.0
160 44.2 34.9 52.3

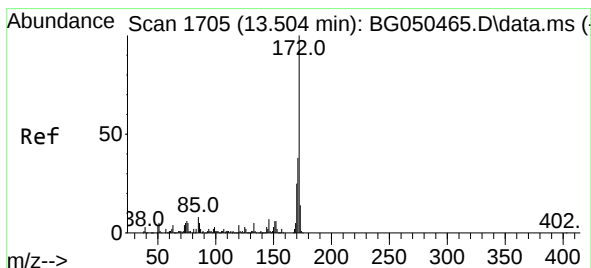
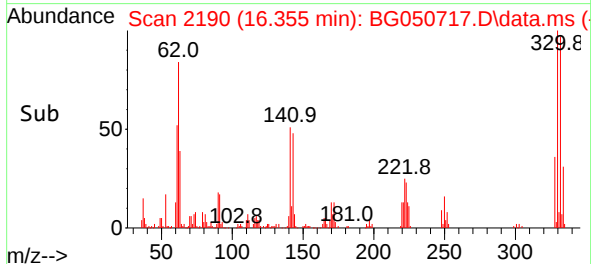
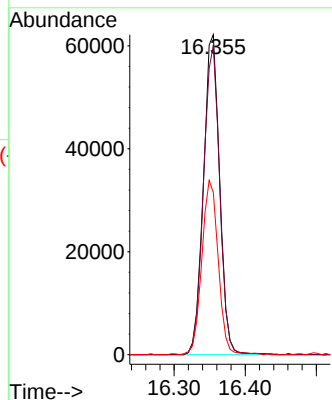
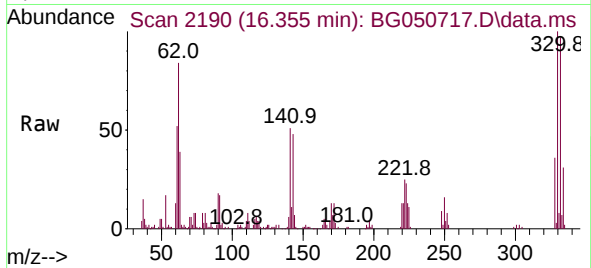




#42
2,4,6-Tribromophenol
Concen: 97.237 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BG050717.D
Acq: 25 Oct 2021 19:26

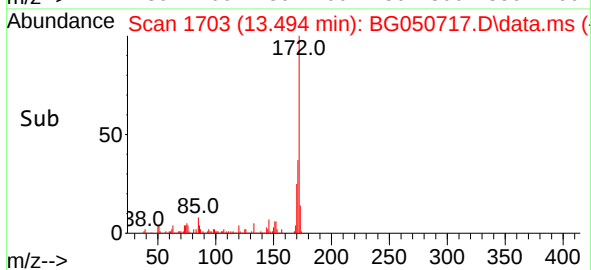
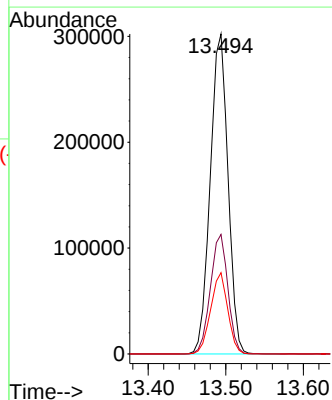
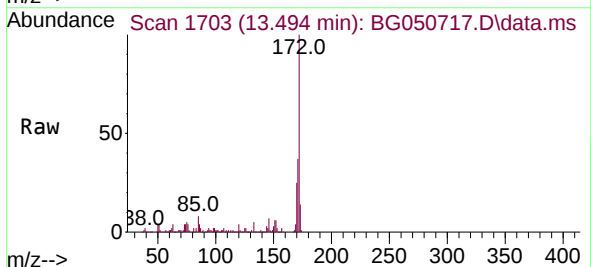
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ClientSampleId :
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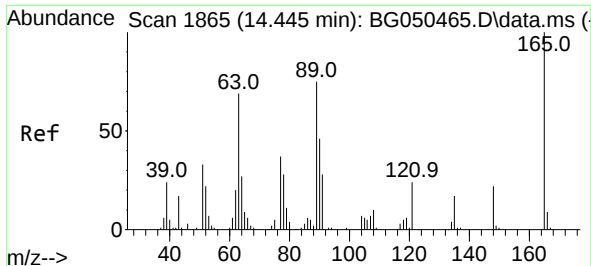
Tgt Ion:330 Resp: 98706
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 55.3 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 67.995 ng
RT: 13.494 min Scan# 1703
Delta R.T. -0.011 min
Lab File: BG050717.D
Acq: 25 Oct 2021 19:26

Tgt Ion:172 Resp: 480812
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 25.4 18.6 27.8

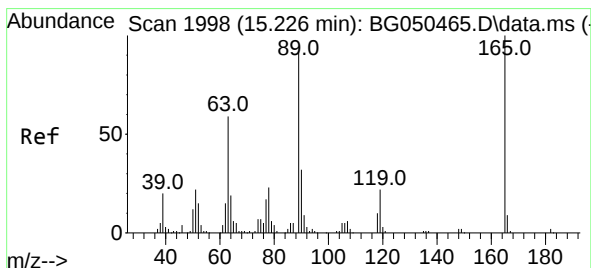
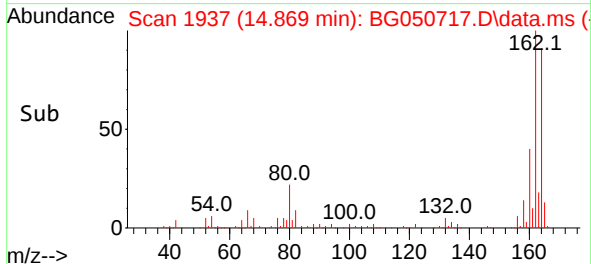
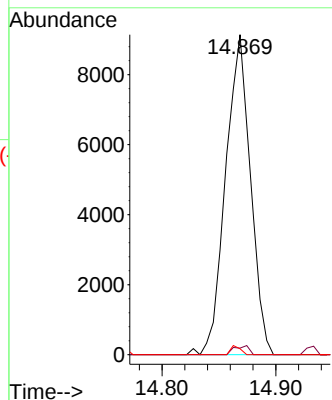
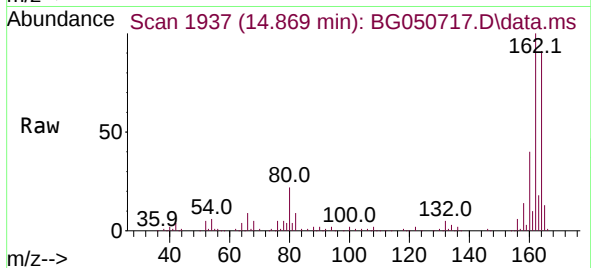




#51
2,6-Dinitrotoluene
Concen: 8.612 ng
RT: 14.869 min Scan# 1937
Delta R.T. 0.423 min
Lab File: BG050717.D
Acq: 25 Oct 2021 19:26

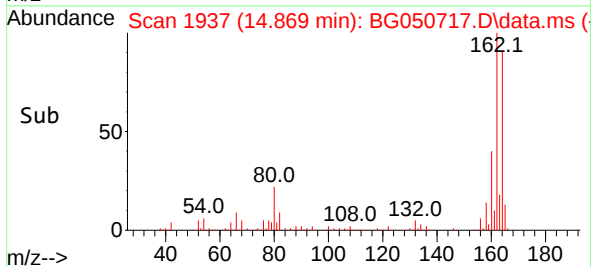
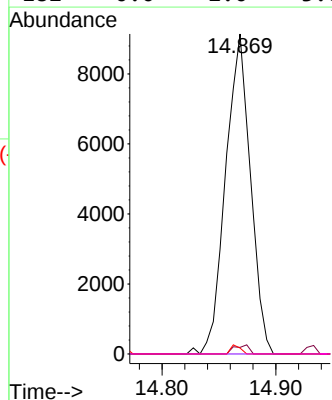
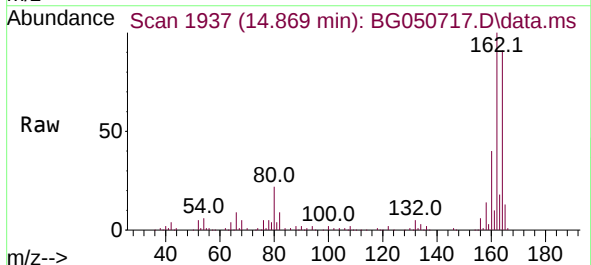
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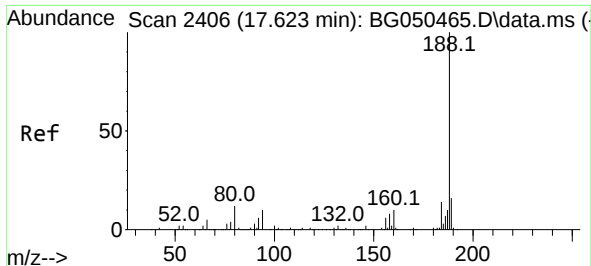
Tgt Ion:165 Resp: 13876
Ion Ratio Lower Upper
165 100
63 2.0 63.3 94.9#
89 1.9 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.110 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.358 min
Lab File: BG050717.D
Acq: 25 Oct 2021 19:26

Tgt Ion:165 Resp: 13876
Ion Ratio Lower Upper
165 100
63 2.0 48.0 72.0#
89 1.9 65.4 98.0#
182 0.0 2.0 3.0#

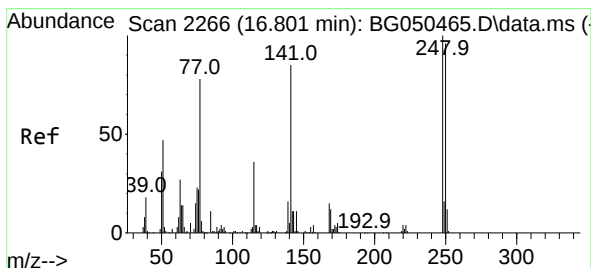
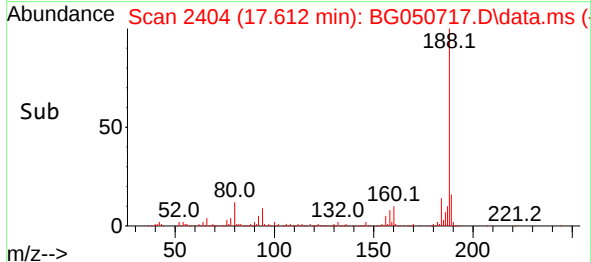
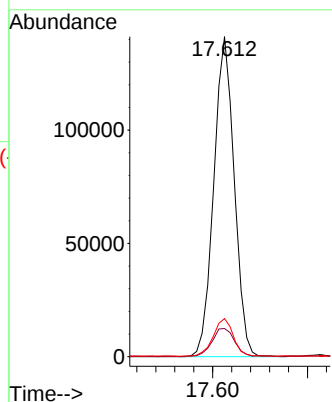
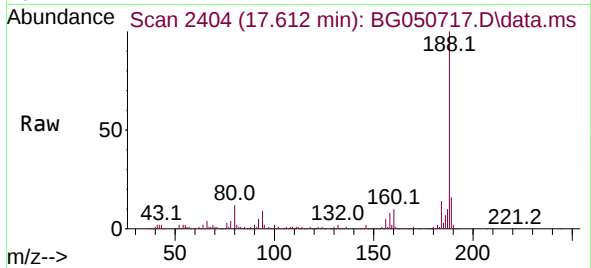




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.612 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BG050717.D
Acq: 25 Oct 2021 19:26

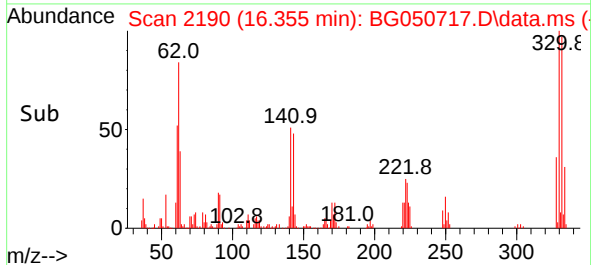
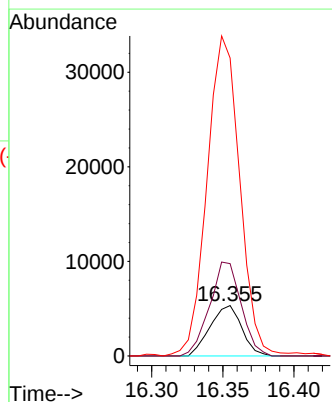
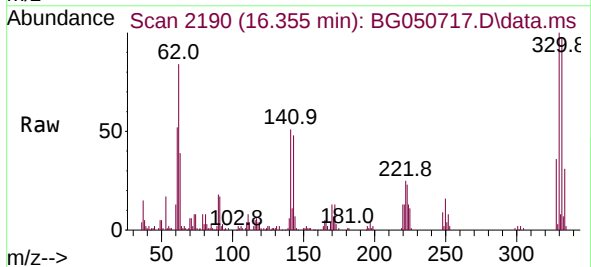
Instrument :
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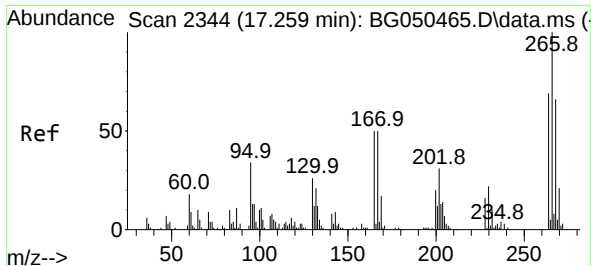
Tgt Ion:188 Resp: 211518
Ion Ratio Lower Upper
188 100
94 8.8 5.4 8.0#
80 11.9 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.873 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.446 min
Lab File: BG050717.D
Acq: 25 Oct 2021 19:26

Tgt Ion:248 Resp: 8256
Ion Ratio Lower Upper
248 100
250 183.3 76.1 114.1#
141 591.0 65.4 98.2#

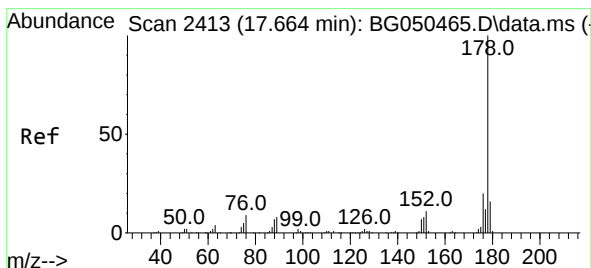
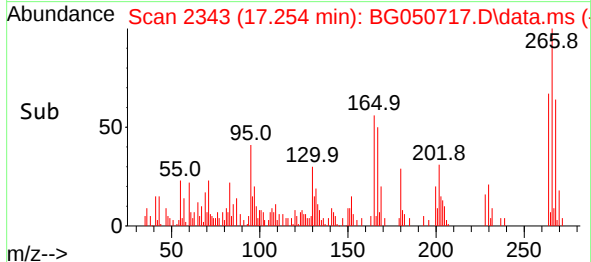
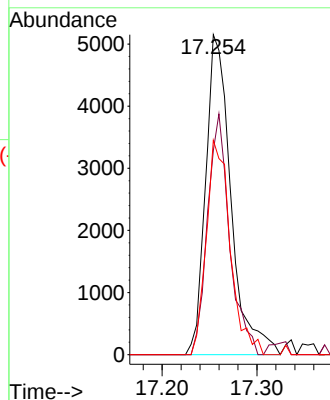
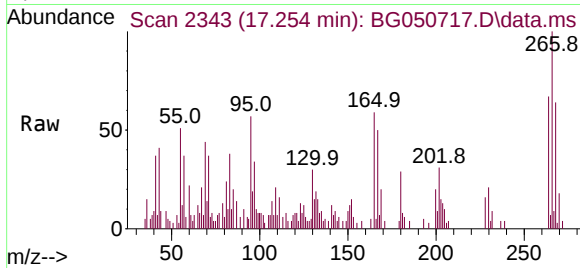




#70
 Pentachlorophenol
 Concen: 6.624 ng
 RT: 17.254 min Scan# 2343
 Delta R.T. -0.011 min
 Lab File: BG050717.D
 Acq: 25 Oct 2021 19:26

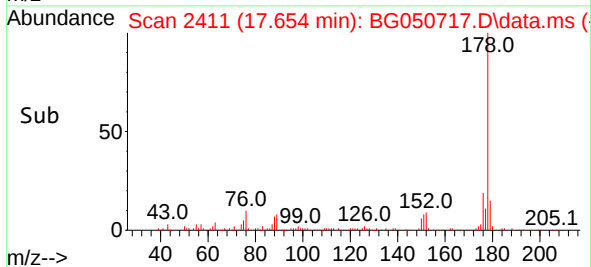
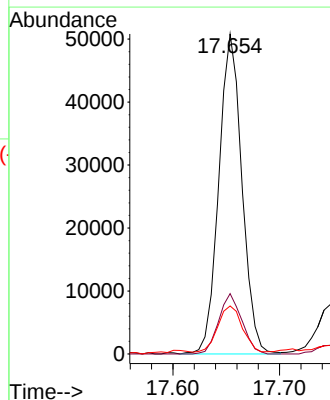
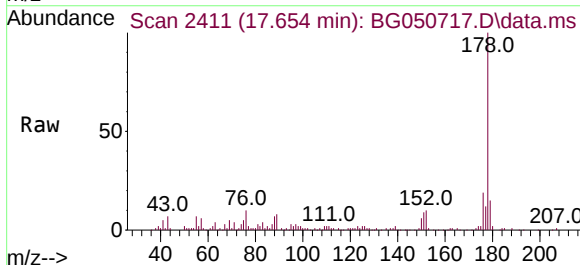
Instrument :
 BNA_G
 ClientSampleId :
 RBR-251686

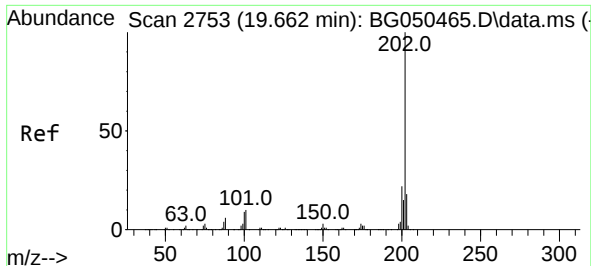
Tgt Ion:266 Resp: 9553
 Ion Ratio Lower Upper
 266 100
 268 67.1 49.0 73.4
 264 67.0 49.0 73.6



#71
 Phenanthrene
 Concen: 6.866 ng
 RT: 17.654 min Scan# 2411
 Delta R.T. -0.011 min
 Lab File: BG050717.D
 Acq: 25 Oct 2021 19:26

Tgt Ion:178 Resp: 76526
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.0 24.0
 179 15.0 14.2 21.4

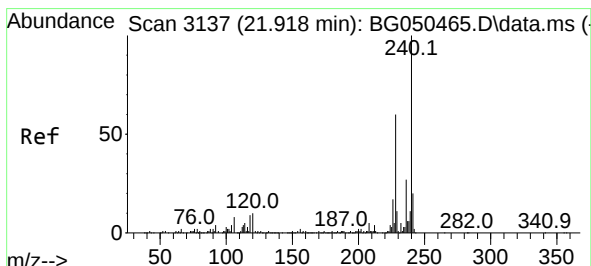
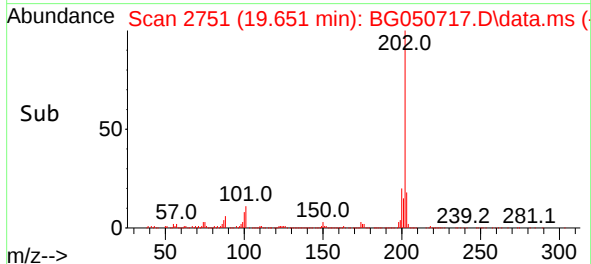
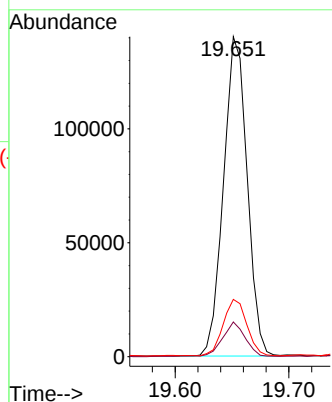
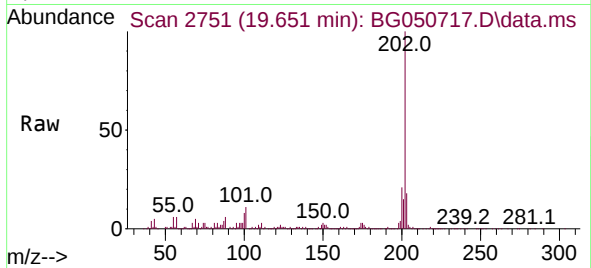




#75
Fluoranthene
Concen: 14.764 ng
RT: 19.651 min Scan# 2751
Delta R.T. -0.011 min
Lab File: BG050717.D
Acq: 25 Oct 2021 19:26

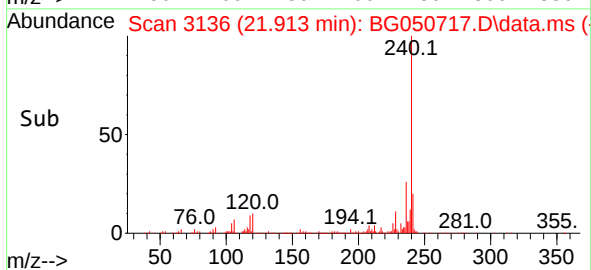
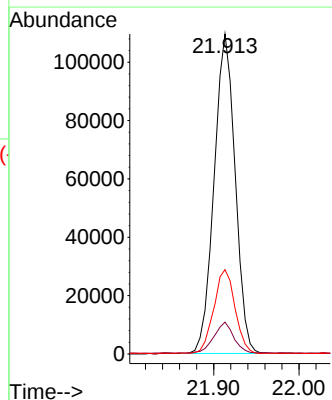
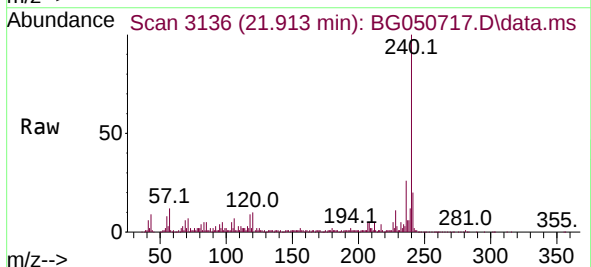
Instrument :
BNA_G
ClientSampleId :
RBR-251686

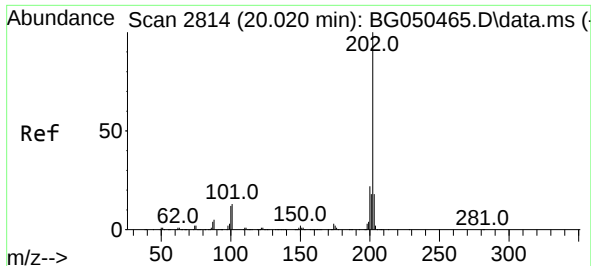
Tgt Ion:202	Resp:	202293
Ion Ratio	Lower	Upper
202	100	
101	10.8	0.0 24.7
203	17.9	0.0 38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3136
Delta R.T. -0.011 min
Lab File: BG050717.D
Acq: 25 Oct 2021 19:26

Tgt Ion:240	Resp:	187502
Ion Ratio	Lower	Upper
240	100	
120	10.0	4.2 6.2#
236	26.3	21.8 32.6

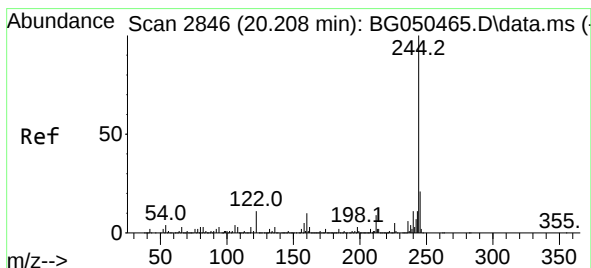
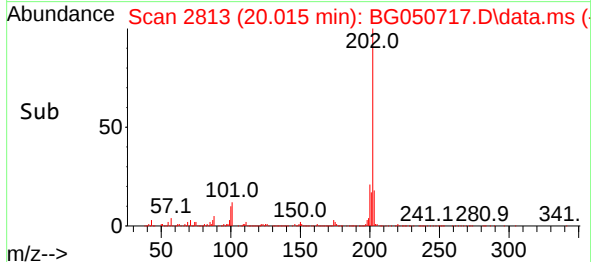
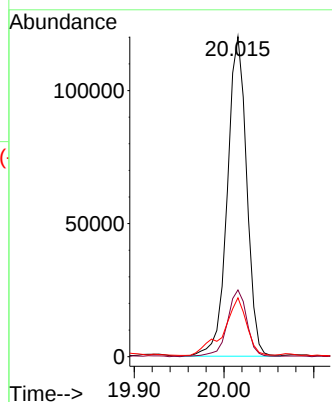
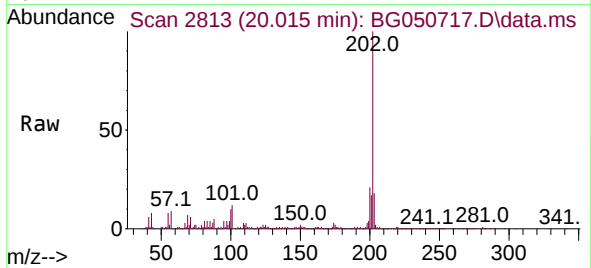




#78
Pyrene
Concen: 13.498 ng
RT: 20.015 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BG050717.D
Acq: 25 Oct 2021 19:26

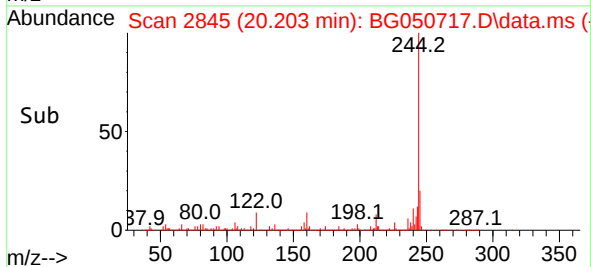
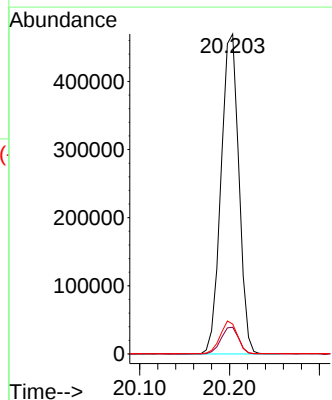
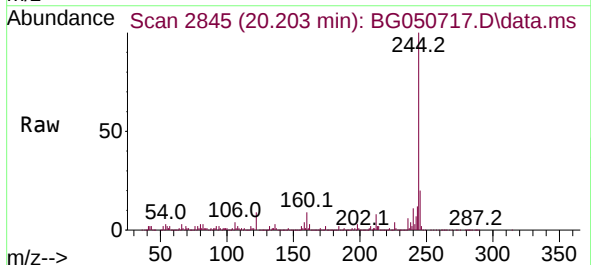
Instrument :
BNA_G
ClientSampleId :
RBR-251686

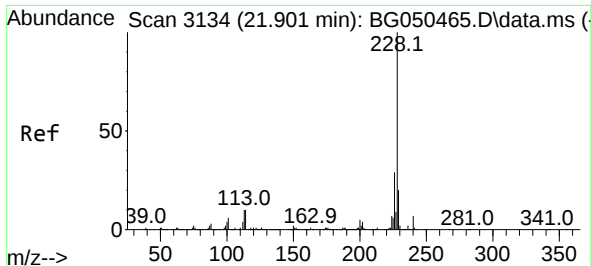
Tgt Ion:202 Resp: 179570
Ion Ratio Lower Upper
202 100
200 20.9 15.8 23.8
203 18.4 14.6 21.8



#79
Terphenyl-d14
Concen: 67.341 ng
RT: 20.203 min Scan# 2845
Delta R.T. -0.006 min
Lab File: BG050717.D
Acq: 25 Oct 2021 19:26

Tgt Ion:244 Resp: 647906
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 9.4 5.0 7.6#

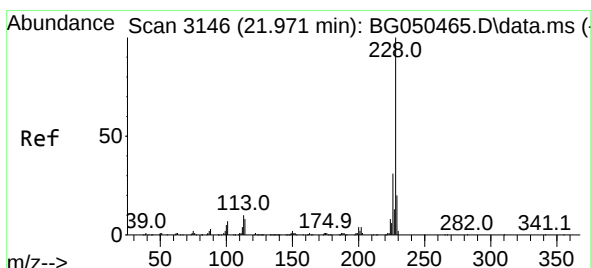
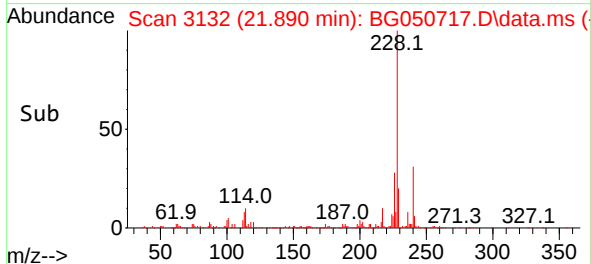
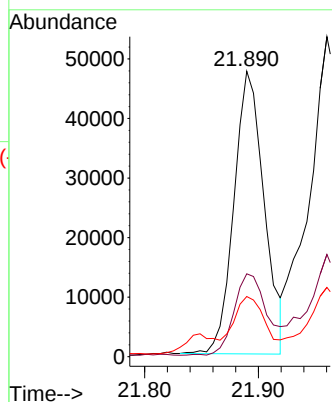
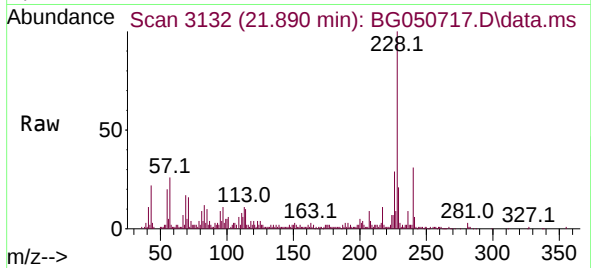




#81
Benzo(a)anthracene
Concen: 7.055 ng
RT: 21.890 min Scan# 3132
Delta R.T. -0.011 min
Lab File: BG050717.D
Acq: 25 Oct 2021 19:26

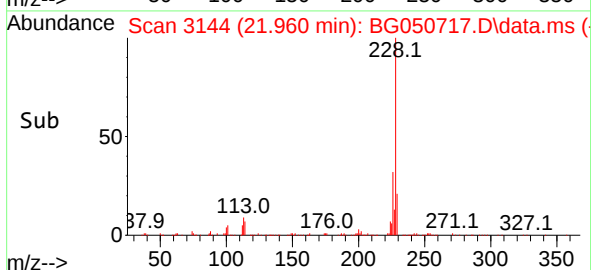
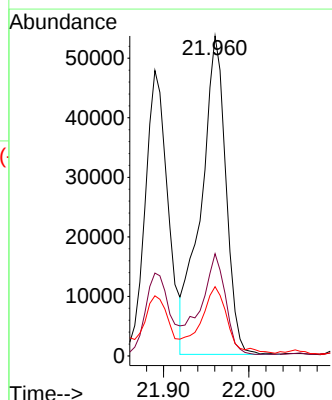
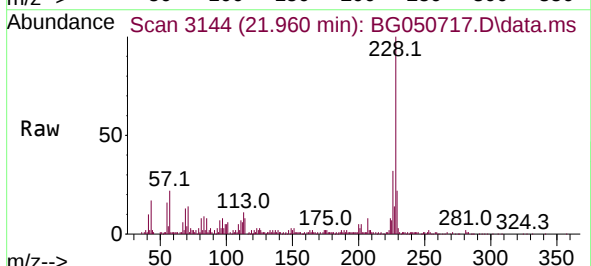
Instrument :
BNA_G
ClientSampleId :
RBR-251686

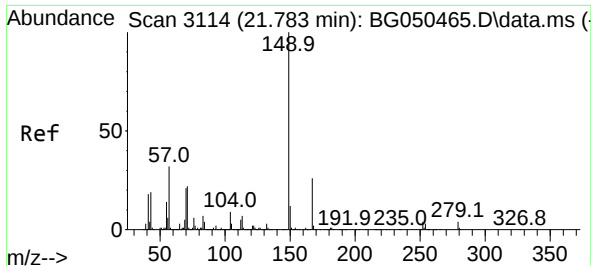
Tgt Ion:228 Resp: 87533
Ion Ratio Lower Upper
228 100
226 29.1 22.7 34.1
229 21.1 16.0 24.0



#83
Chrysene
Concen: 9.297 ng
RT: 21.960 min Scan# 3144
Delta R.T. -0.011 min
Lab File: BG050717.D
Acq: 25 Oct 2021 19:26

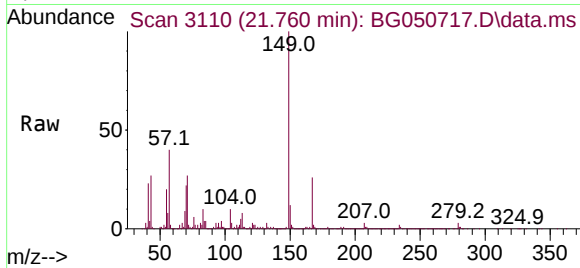
Tgt Ion:228 Resp: 108503
Ion Ratio Lower Upper
228 100
226 32.0 23.1 34.7
229 21.6 15.3 22.9



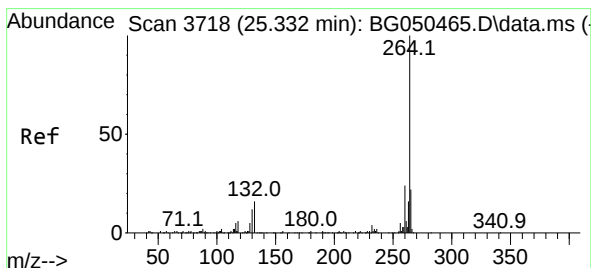
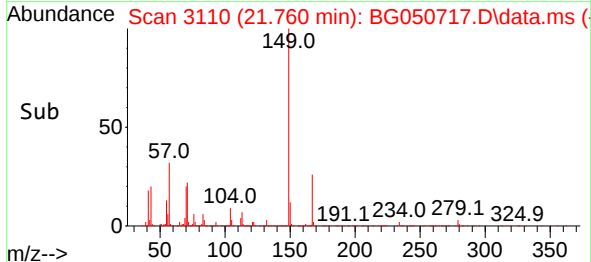
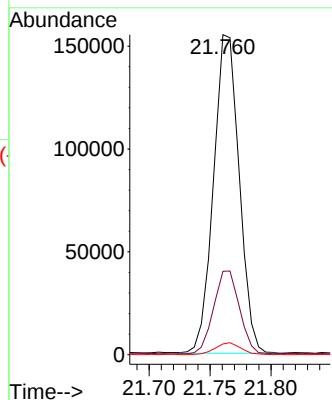


#84
Bis(2-ethylhexyl)phthalate
Concen: 28.379 ng
RT: 21.760 min Scan# 3110
Delta R.T. -0.017 min
Lab File: BG050717.D
Acq: 25 Oct 2021 19:26

Instrument :
BNA_G
ClientSampleId :
RBR-251686

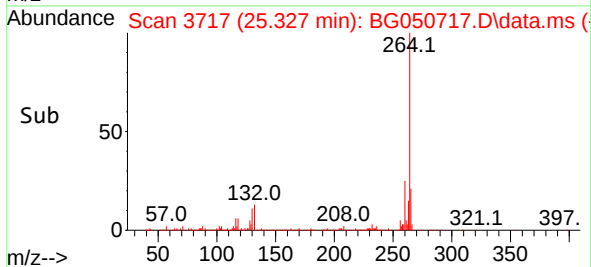
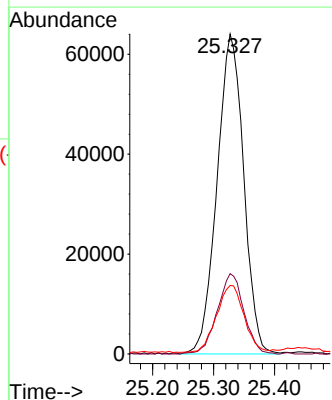
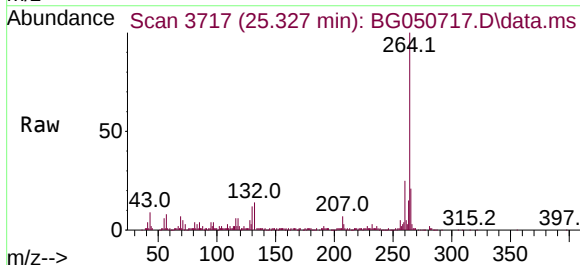


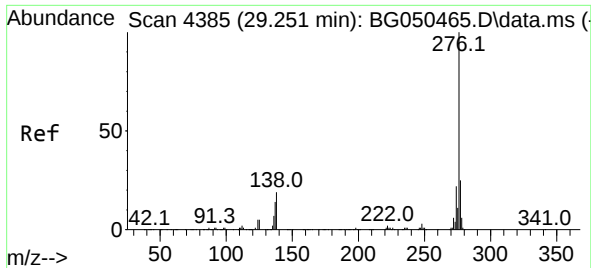
Tgt Ion:149 Resp: 226896
Ion Ratio Lower Upper
149 100
167 26.1 22.3 33.5
279 3.3 3.8 5.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.327 min Scan# 3717
Delta R.T. -0.006 min
Lab File: BG050717.D
Acq: 25 Oct 2021 19:26

Tgt Ion:264 Resp: 194283
Ion Ratio Lower Upper
264 100
260 25.1 19.4 29.2
265 21.4 16.9 25.3

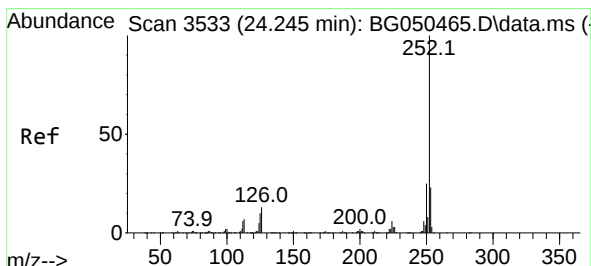
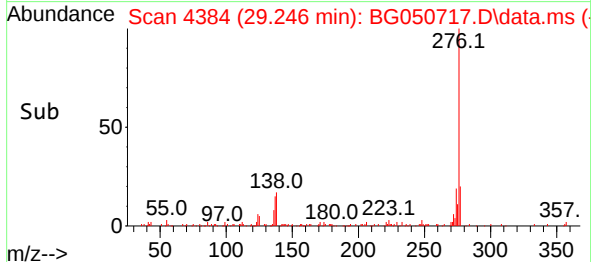
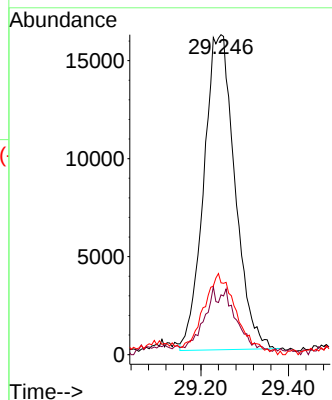
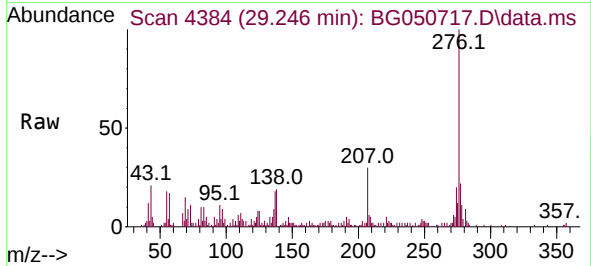




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.875 ng
 RT: 29.246 min Scan# 4384
 Delta R.T. -0.017 min
 Lab File: BG050717.D
 Acq: 25 Oct 2021 19:26

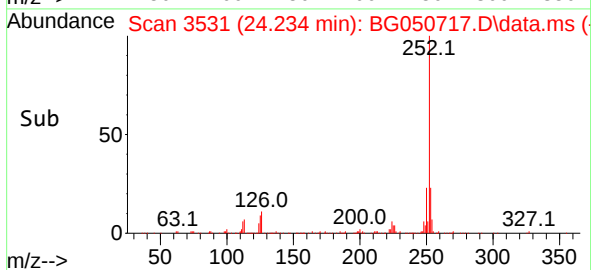
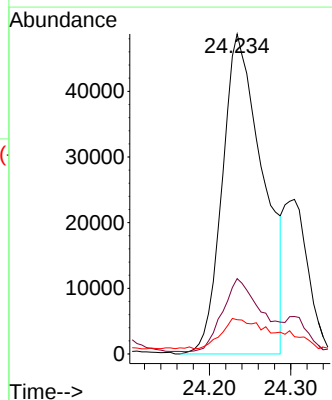
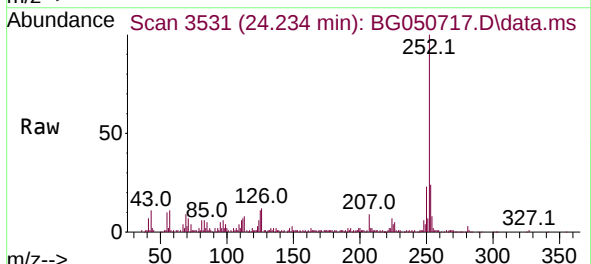
Instrument :
 BNA_G
 ClientSampled :
 RBR-251686

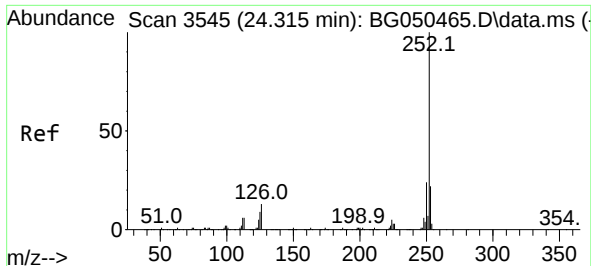
Tgt Ion:276 Resp: 79498
 Ion Ratio Lower Upper
 276 100
 138 8.1 5.1 7.7#
 277 27.8 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 14.183 ng
 RT: 24.234 min Scan# 3531
 Delta R.T. -0.011 min
 Lab File: BG050717.D
 Acq: 25 Oct 2021 19:26

Tgt Ion:252 Resp: 168753
 Ion Ratio Lower Upper
 252 100
 253 23.5 16.2 24.4
 125 10.7 3.0 4.4#

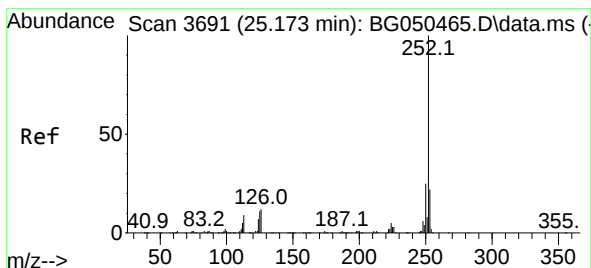
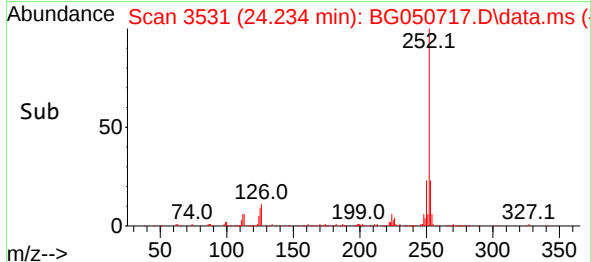
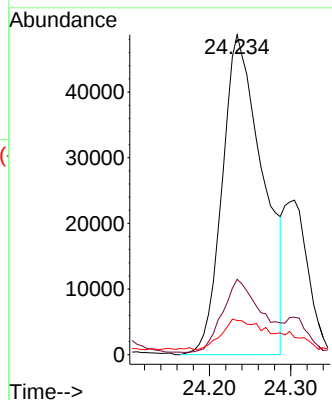
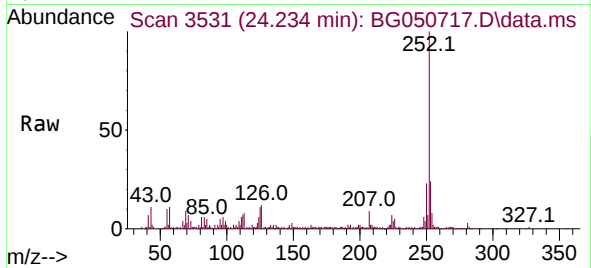




#89
Benzo(k)fluoranthene
Concen: 14.417 ng
RT: 24.234 min Scan# 3531
Delta R.T. -0.082 min
Lab File: BG050717.D
Acq: 25 Oct 2021 19:26

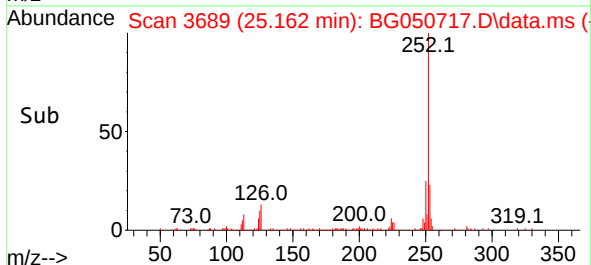
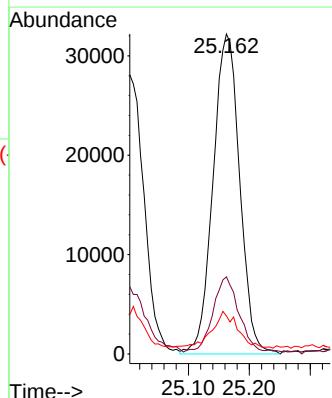
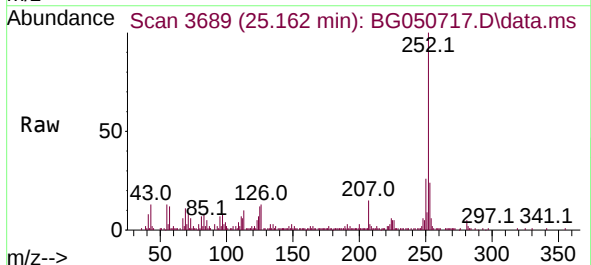
Instrument :
BNA_G
ClientSampleId :
RBR-251686

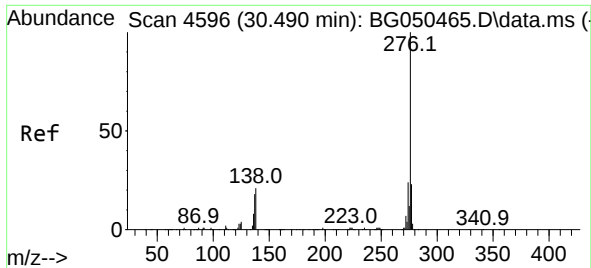
Tgt Ion:252 Resp: 168753
Ion Ratio Lower Upper
252 100
253 23.5 18.0 27.0
125 10.7 3.1 4.7#



#90
Benzo(a)pyrene
Concen: 9.674 ng
RT: 25.162 min Scan# 3689
Delta R.T. -0.011 min
Lab File: BG050717.D
Acq: 25 Oct 2021 19:26

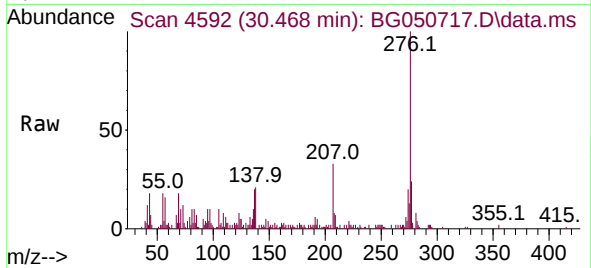
Tgt Ion:252 Resp: 97866
Ion Ratio Lower Upper
252 100
253 24.1 16.6 25.0
125 11.9 3.5 5.3#





#92
Benzo(g,h,i)perylene
Concen: 7.273 ng
RT: 30.468 min Scan# 4592
Delta R.T. -0.029 min
Lab File: BG050717.D
Acq: 25 Oct 2021 19:26

Instrument :
BNA_G
ClientSampleId :
RBR-251686



Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.4	27.6
138	21.2	7.0	10.6

