

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
 Data File : BG050521.D
 Acq On : 8 Oct 2021 23:06
 Operator : CG/JU
 Sample : M4113-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

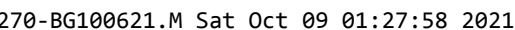
Quant Time: Oct 09 01:27:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

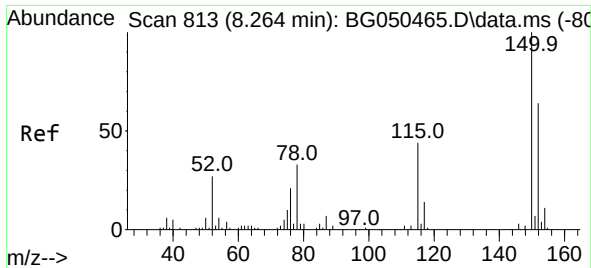
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	68284	20.000	ng	0.00
21) Naphthalene-d8	11.085	136	297792	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	192179	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	412684	20.000	ng	# 0.00
76) Chrysene-d12	21.919	240	358260	20.000	ng	# 0.00
86) Perylene-d12	25.333	264	353084	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	403445	88.361	ng	0.00
7) Phenol-d6	7.401	99	556106	84.124	ng	0.00
23) Nitrobenzene-d5	9.434	82	397523	55.259	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	151151	82.459	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	698133	54.674	ng	0.00
79) Terphenyl-d14	20.210	244	948070	51.572	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.395	77	1463	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.428	70	58010	12.040	ng	# 71
51) 2,6-Dinitrotoluene	14.875	165	25710	8.837	ng	# 12
57) 2,4-Dinitrotoluene	14.875	165	25710	6.269	ng	# 18
67) 4-Bromophenyl-phenylether	16.361	248	12680	3.049	ng	# 1

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

Quant Time: Oct 09 01:27:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 15:51:01 2021
Response via : Initial Calibration

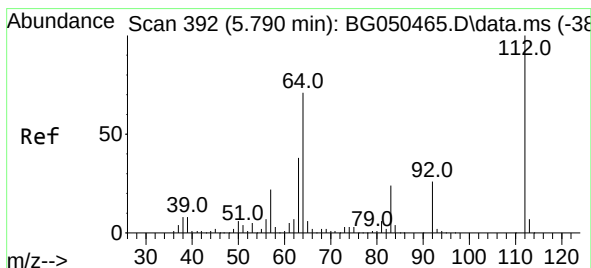
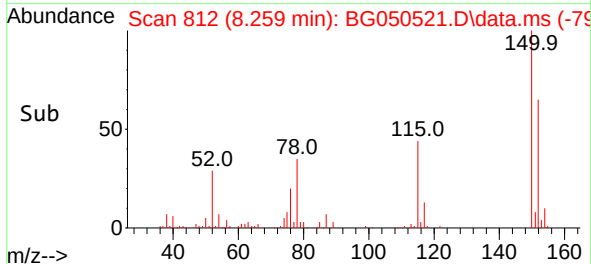
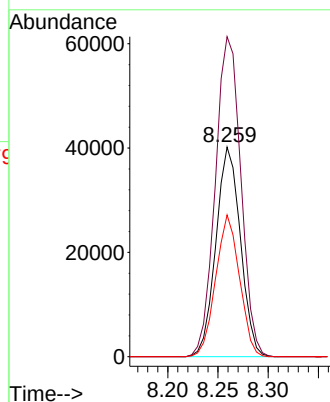
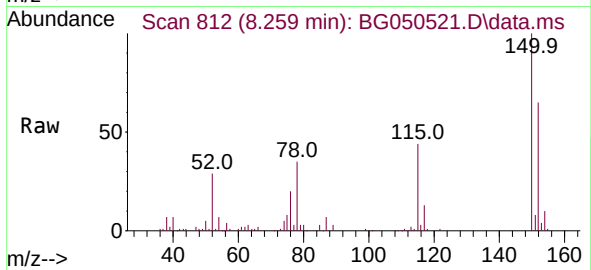




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG050521.D
Acq: 8 Oct 2021 23:06

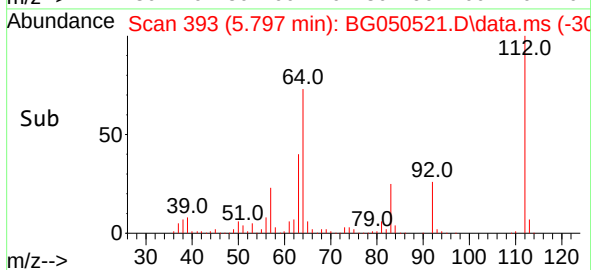
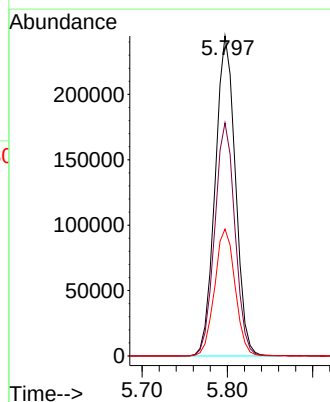
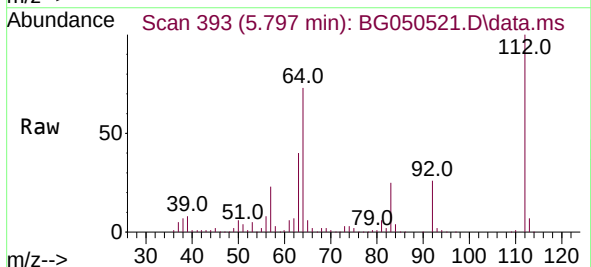
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BNA_G
ClientSampleId :
TP-4

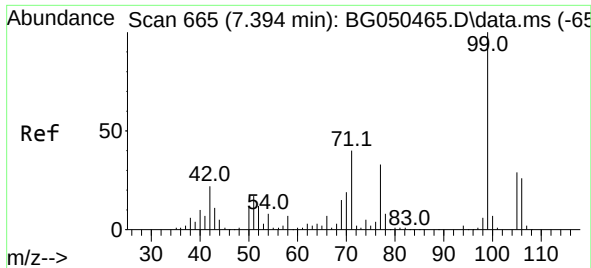
Tgt Ion:152 Resp: 68284
Ion Ratio Lower Upper
152 100
150 152.7 119.4 179.0
115 67.7 60.2 90.4



#5
2-Fluorophenol
Concen: 88.361 ng
RT: 5.797 min Scan# 393
Delta R.T. 0.007 min
Lab File: BG050521.D
Acq: 8 Oct 2021 23:06

Tgt Ion:112 Resp: 403445
Ion Ratio Lower Upper
112 100
64 72.9 46.7 70.1#
63 39.6 35.3 52.9

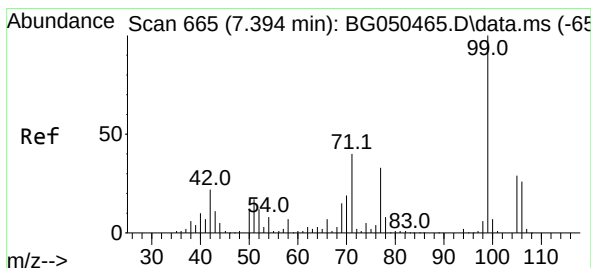
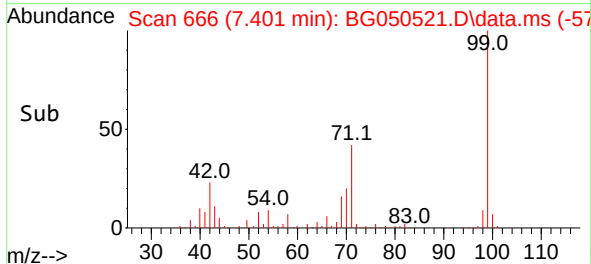
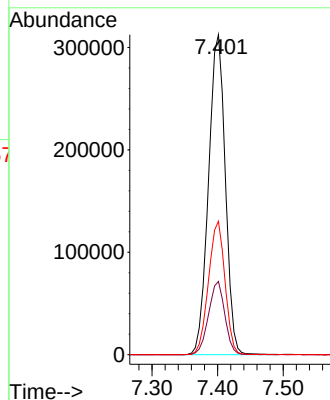
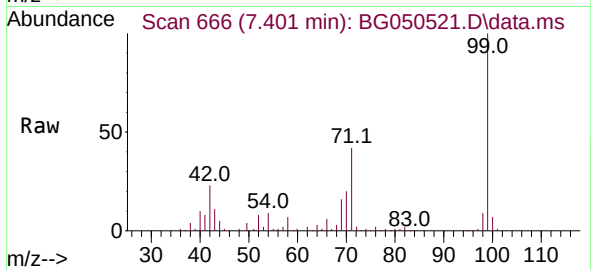




#7
Phenol-d6
Concen: 84.124 ng
RT: 7.401 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG050521.D
Acq: 8 Oct 2021 23:06

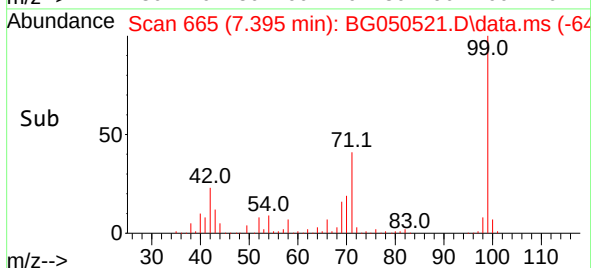
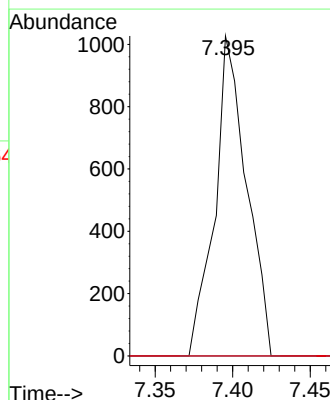
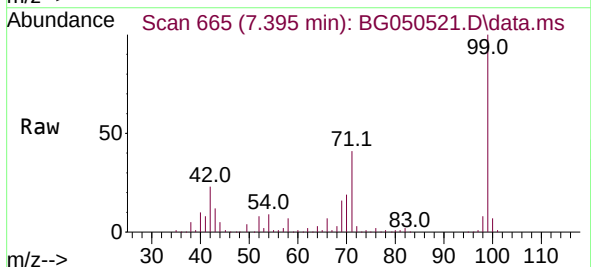
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ClientSampleId :
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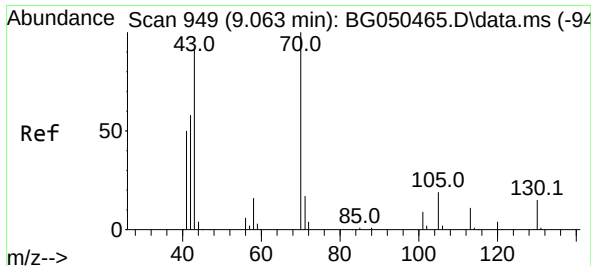
Tgt Ion: 99 Resp: 556106
Ion Ratio Lower Upper
99 100
42 22.9 20.5 30.7
71 41.7 41.5 62.3



#9
Benzaldehyde
Concen: Below Cal
RT: 7.395 min Scan# 665
Delta R.T. 0.001 min
Lab File: BG050521.D
Acq: 8 Oct 2021 23:06

Tgt Ion: 77 Resp: 1463
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

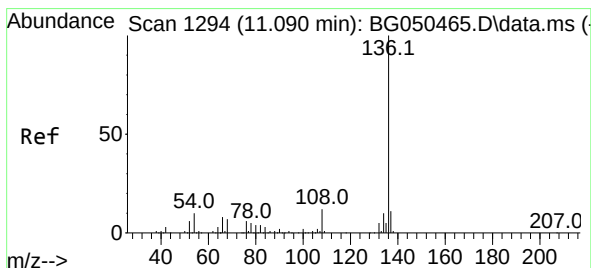
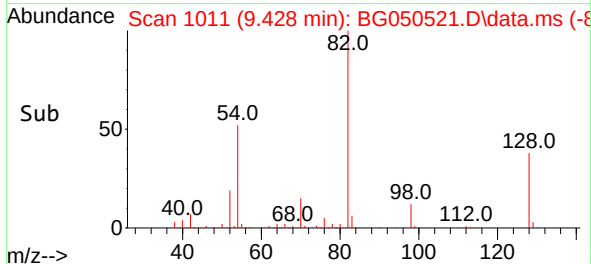
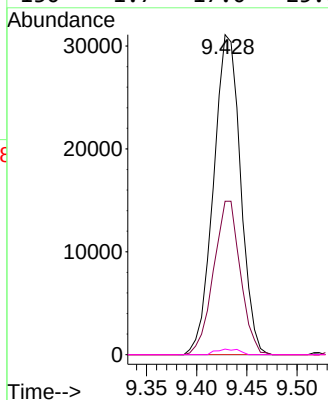
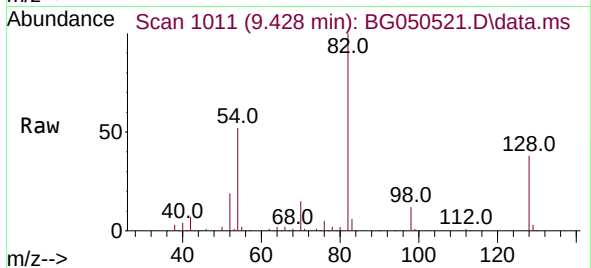




#19
n-Nitroso-di-n-propylamine
Concen: 12.040 ng
RT: 9.428 min Scan# 1011
Delta R.T. 0.366 min
Lab File: BG050521.D
Acq: 8 Oct 2021 23:06

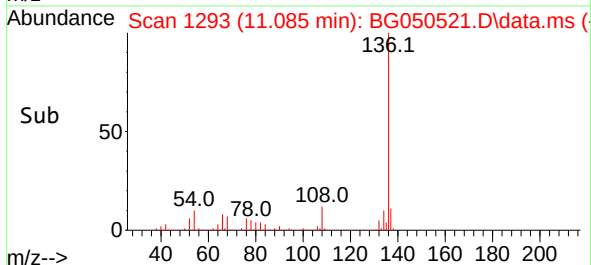
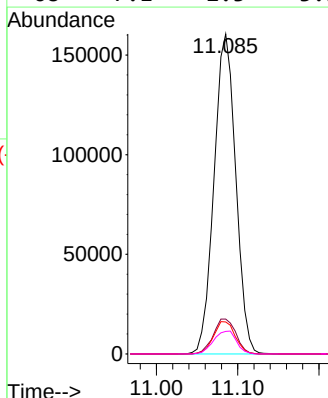
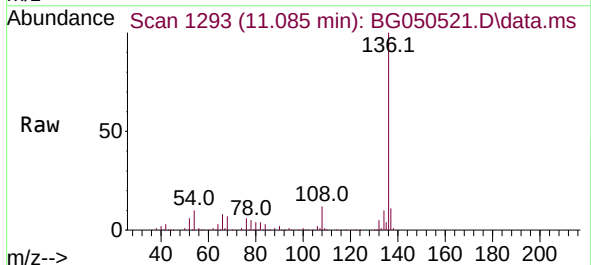
Instrument :
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ClientSampleId :
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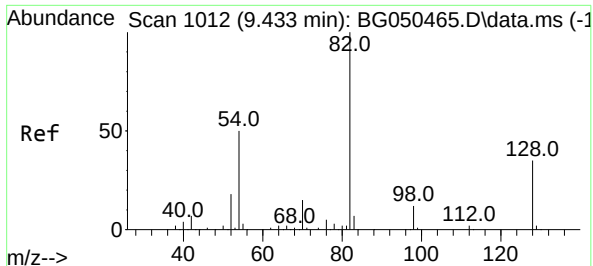
Tgt Ion: 70 Resp: 58010
Ion Ratio Lower Upper
70 100
42 48.0 54.5 81.7#
101 0.0 9.0 13.6#
130 1.7 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050521.D
Acq: 8 Oct 2021 23:06

Tgt Ion:136 Resp: 297792
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.2
54 10.0 5.5 8.3#
68 7.1 2.3 3.5#

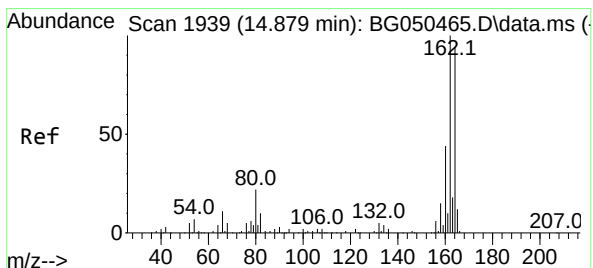
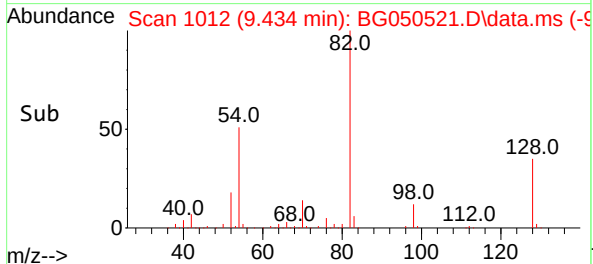
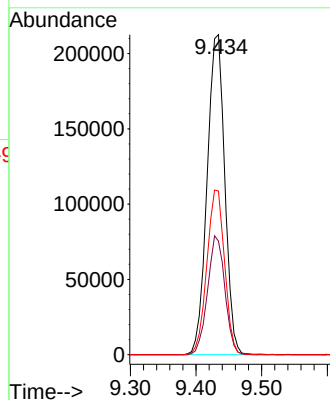
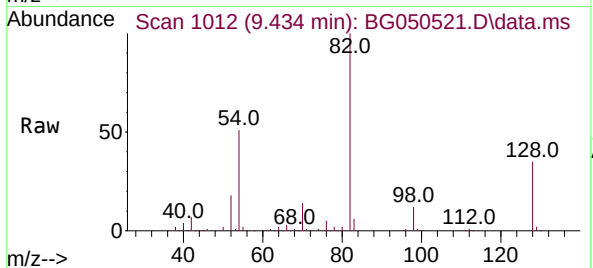




#23
Nitrobenzene-d5
Concen: 55.259 ng
RT: 9.434 min Scan# 1012
Delta R.T. 0.001 min
Lab File: BG050521.D
Acq: 8 Oct 2021 23:06

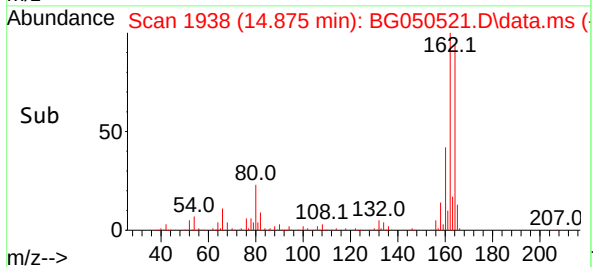
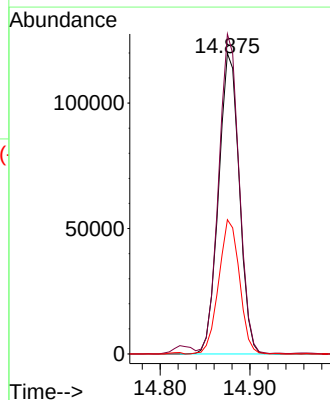
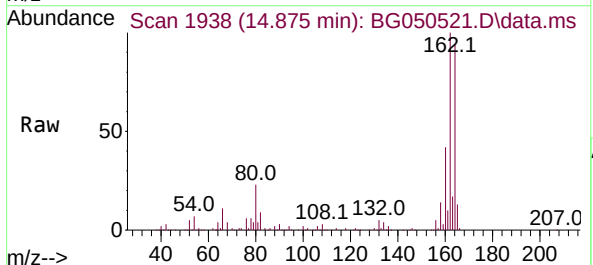
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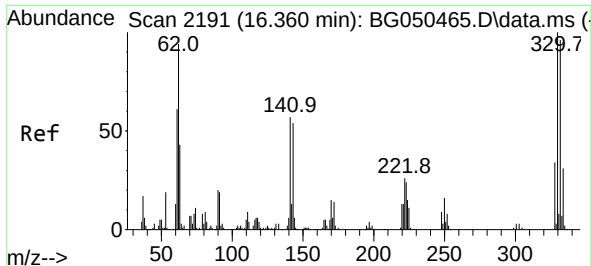
Tgt Ion: 82 Resp: 397523
Ion Ratio Lower Upper
82 100
128 35.5 29.8 44.6
54 51.2 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG050521.D
Acq: 8 Oct 2021 23:06

Tgt Ion:164 Resp: 192179
Ion Ratio Lower Upper
164 100
162 106.4 81.4 122.0
160 44.6 34.9 52.3

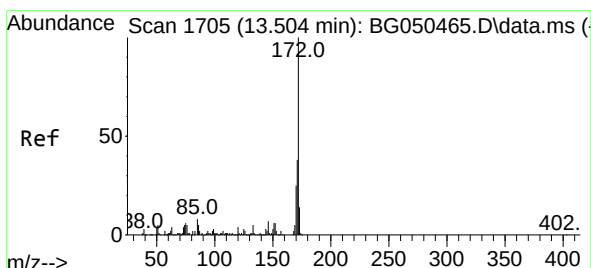
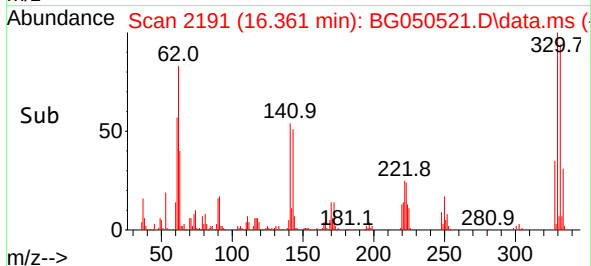
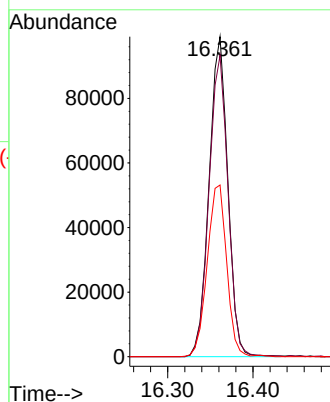
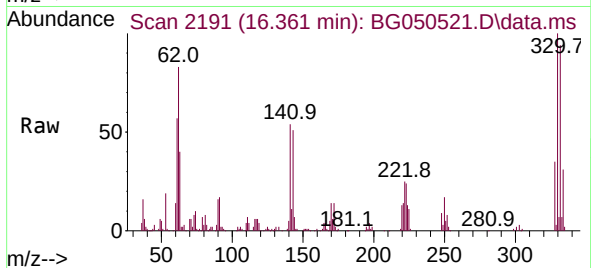




#42
2,4,6-Tribromophenol
Concen: 82.459 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG050521.D
Acq: 8 Oct 2021 23:06

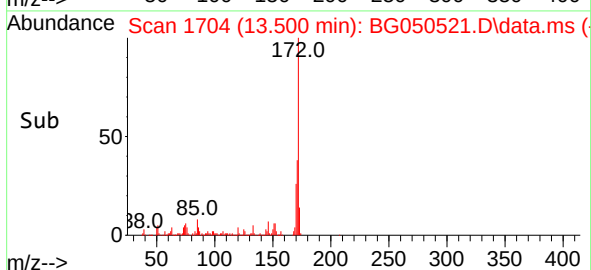
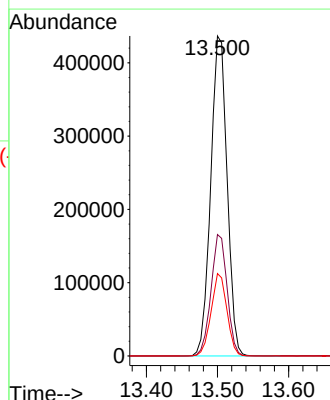
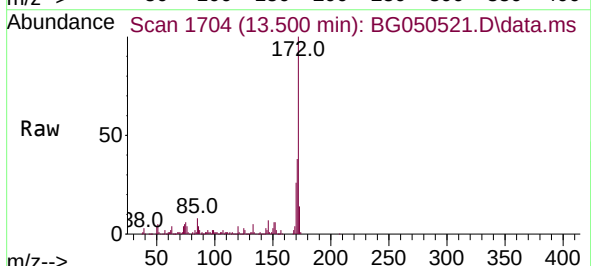
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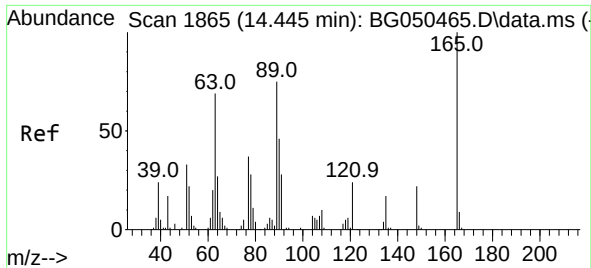
Tgt Ion:330 Resp: 151151
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 55.9 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 54.674 ng
RT: 13.500 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG050521.D
Acq: 8 Oct 2021 23:06

Tgt Ion:172 Resp: 698133
Ion Ratio Lower Upper
172 100
171 38.0 28.6 43.0
170 25.8 18.6 27.8

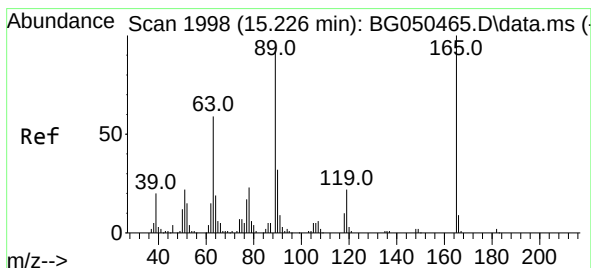
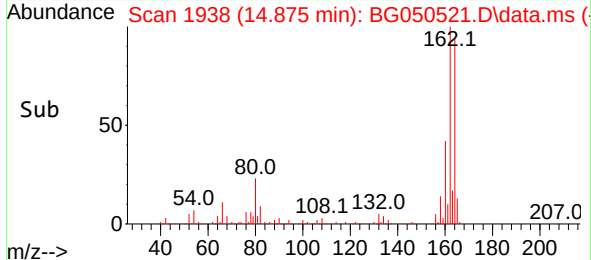
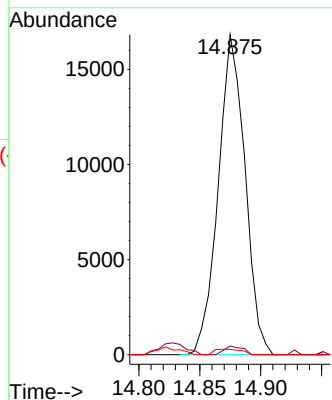
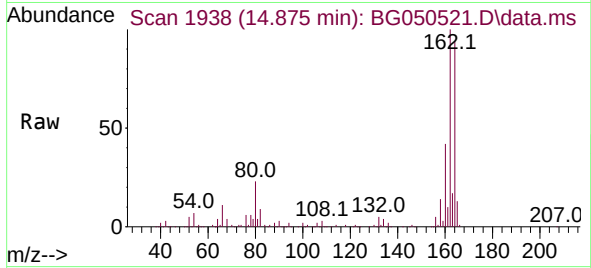




#51
2,6-Dinitrotoluene
Concen: 8.837 ng
RT: 14.875 min Scan# 1938
Delta R.T. 0.430 min
Lab File: BG050521.D
Acq: 8 Oct 2021 23:06

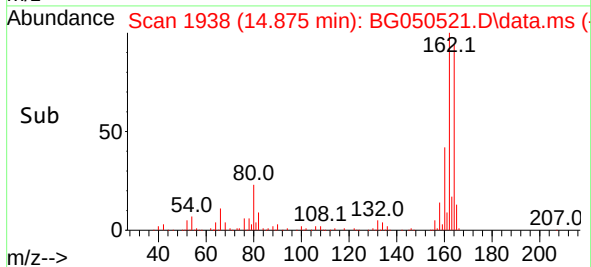
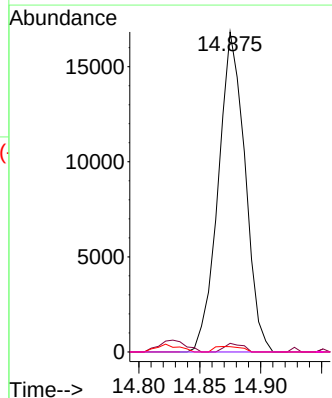
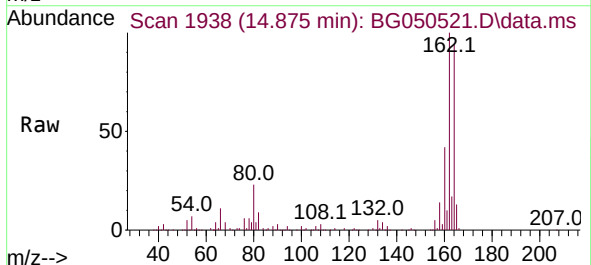
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ClientSampleId :
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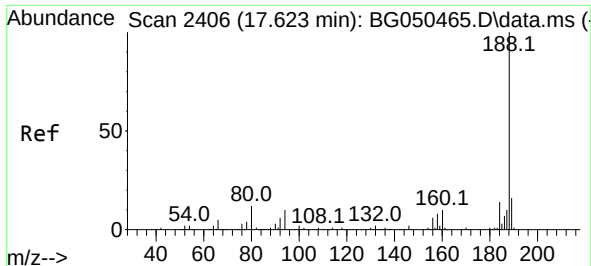
Tgt Ion:165 Resp: 25710
Ion Ratio Lower Upper
165 100
63 2.7 63.3 94.9#
89 1.7 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.269 ng
RT: 14.875 min Scan# 1938
Delta R.T. -0.351 min
Lab File: BG050521.D
Acq: 8 Oct 2021 23:06

Tgt Ion:165 Resp: 25710
Ion Ratio Lower Upper
165 100
63 2.7 48.0 72.0#
89 1.7 65.4 98.0#
182 0.0 2.0 3.0#

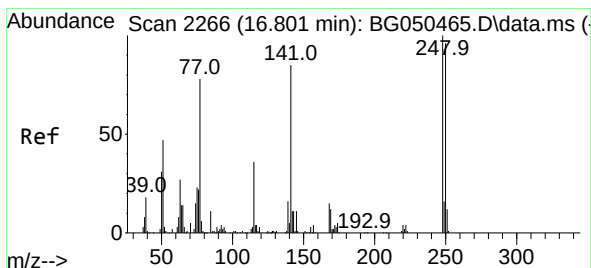
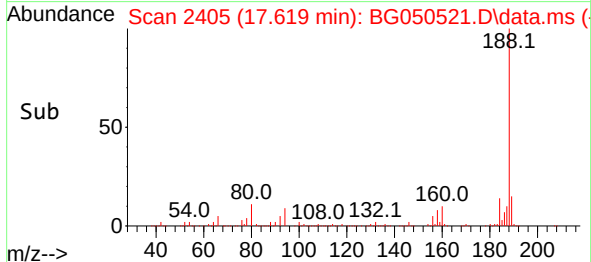
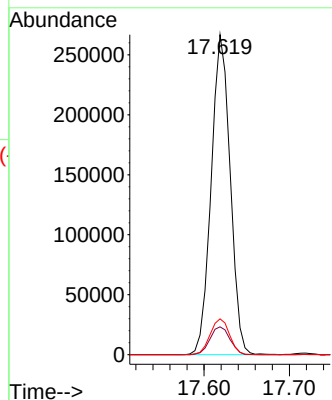
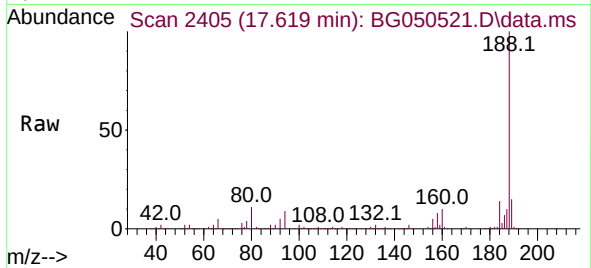




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.619 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG050521.D
Acq: 8 Oct 2021 23:06

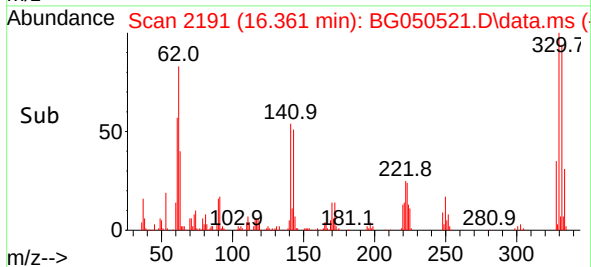
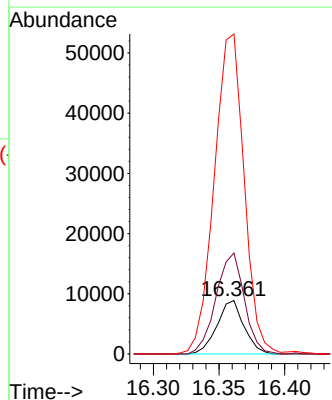
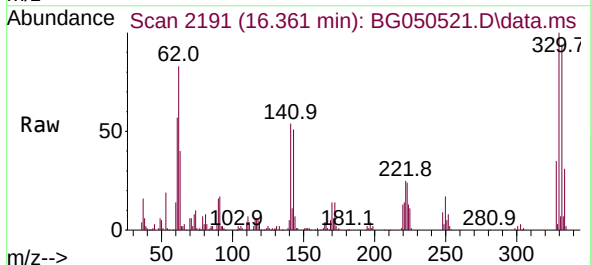
Instrument :
BNA_G
ClientSampleId :
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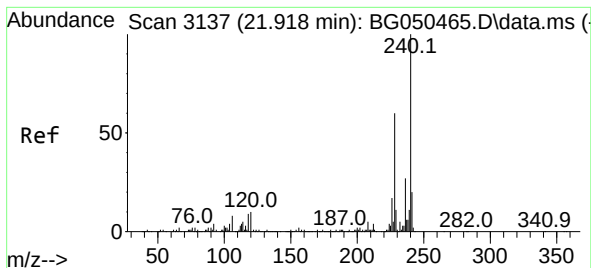
Tgt Ion:188 Resp: 412684
Ion Ratio Lower Upper
188 100
94 8.7 5.4 8.0#
80 11.2 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.049 ng
RT: 16.361 min Scan# 2191
Delta R.T. -0.439 min
Lab File: BG050521.D
Acq: 8 Oct 2021 23:06

Tgt Ion:248 Resp: 12680
Ion Ratio Lower Upper
248 100
250 188.9 76.1 114.1#
141 598.3 65.4 98.2#

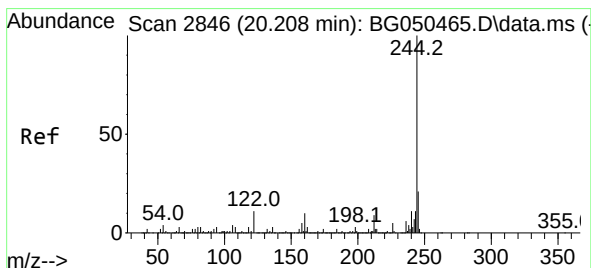
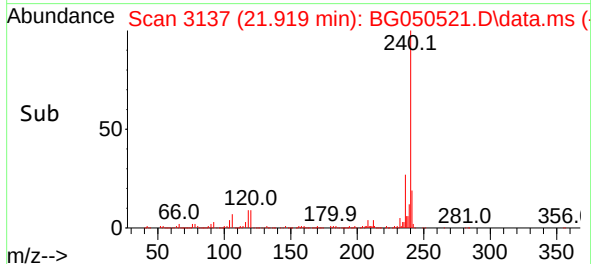
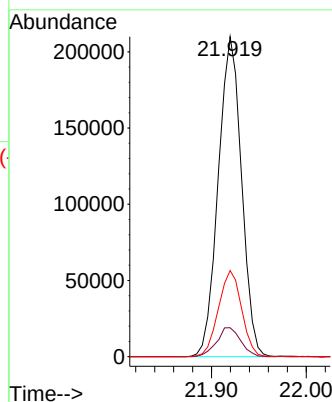
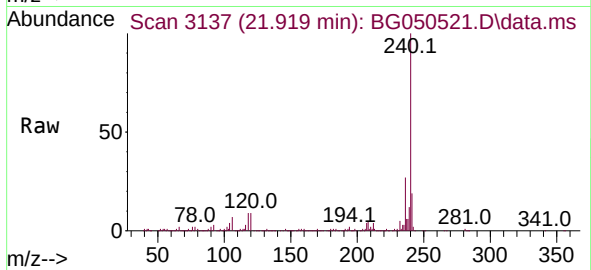




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3137
Delta R.T. 0.001 min
Lab File: BG050521.D
Acq: 8 Oct 2021 23:06

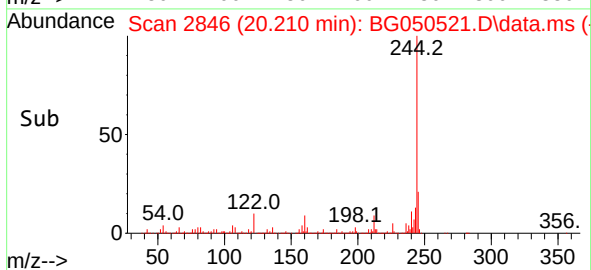
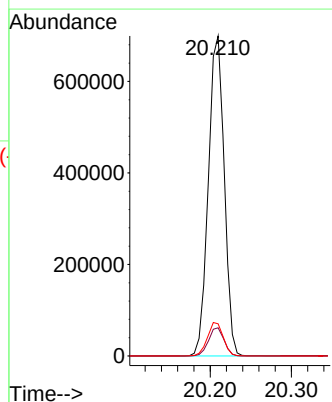
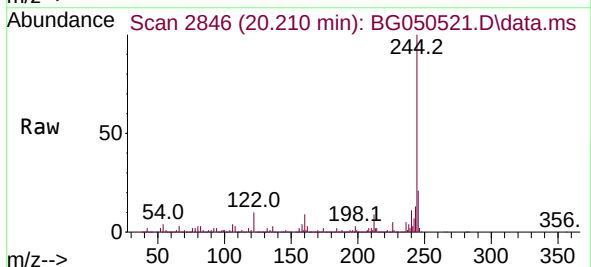
Instrument :
BNA_G
ClientSampleId :
TP-4

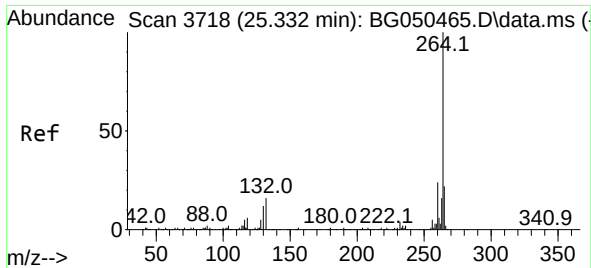
Tgt Ion:240 Resp: 358260
Ion Ratio Lower Upper
240 100
120 9.0 4.2 6.2#
236 26.9 21.8 32.6



#79
Terphenyl-d14
Concen: 51.572 ng
RT: 20.210 min Scan# 2846
Delta R.T. 0.001 min
Lab File: BG050521.D
Acq: 8 Oct 2021 23:06

Tgt Ion:244 Resp: 948070
Ion Ratio Lower Upper
244 100
212 8.8 6.9 10.3
122 10.0 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.333 min Scan# 3718
 Delta R.T. 0.001 min
 Lab File: BG050521.D
 Acq: 8 Oct 2021 23:06

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Tgt Ion:264 Resp: 353084
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 22.6 16.9 25.3

