

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
 Data File : BG050487.D
 Acq On : 7 Oct 2021 17:40
 Operator : CG/JU
 Sample : M4113-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

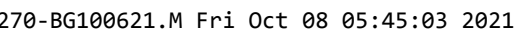
Quant Time: Oct 08 05:44:58 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

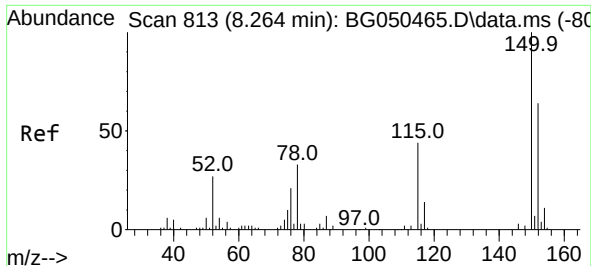
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.262	152	40438	20.000	ng	0.00
21) Naphthalene-d8	11.082	136	165000	20.000	ng	# 0.00
39) Acenaphthene-d10	14.877	164	108095	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	250906	20.000	ng	# 0.00
76) Chrysene-d12	21.916	240	243850	20.000	ng	# 0.00
86) Perylene-d12	25.324	264	244279	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	302527	111.885	ng	0.00
7) Phenol-d6	7.398	99	416902	106.494	ng	0.00
23) Nitrobenzene-d5	9.431	82	297820	74.718	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	120838	117.201	ng	0.00
45) 2-Fluorobiphenyl	13.502	172	515297	71.746	ng	0.00
79) Terphenyl-d14	20.206	244	850276	67.953	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.398	77	1092	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.431	70	42026	14.729	ng	# 67
51) 2,6-Dinitrotoluene	14.877	165	13800	8.433	ng	# 11
57) 2,4-Dinitrotoluene	14.877	165	13800	5.983	ng	# 17
67) 4-Bromophenyl-phenylether	16.358	248	9316	3.685	ng	# 1
77) Benzidine	20.206	184	18172	2.299	ng	# 94

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

Quant Time: Oct 08 05:44:58 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

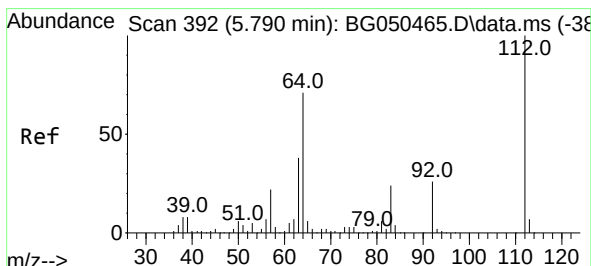
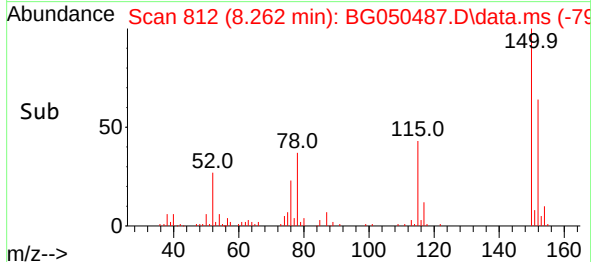
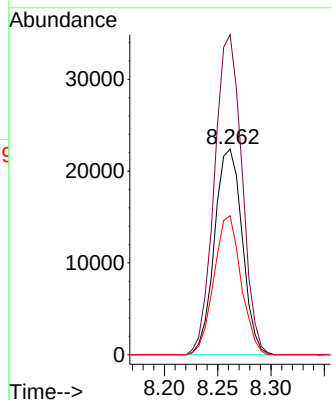
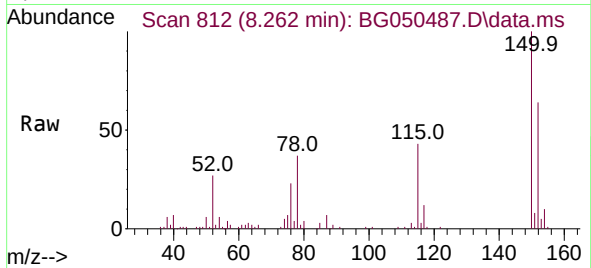




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.262 min Scan# 812
Delta R.T. -0.002 min
Lab File: BG050487.D
Acq: 7 Oct 2021 17:40

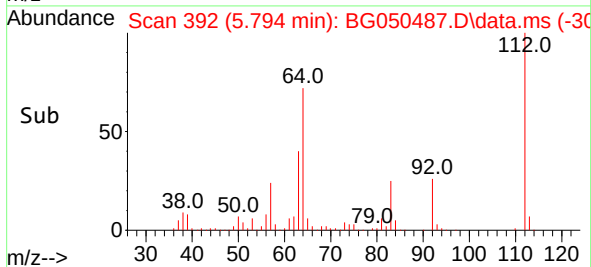
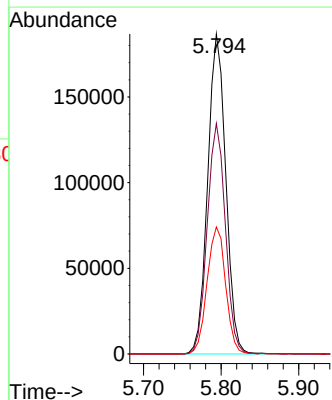
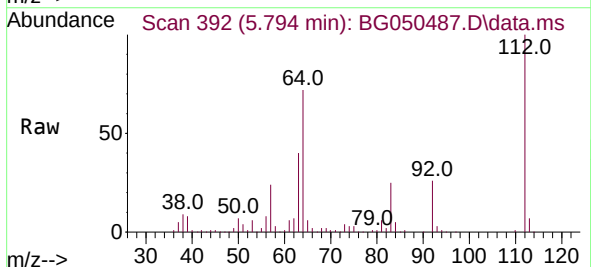
Instrument :
BNA_G
ClientSampleId :
TP-2

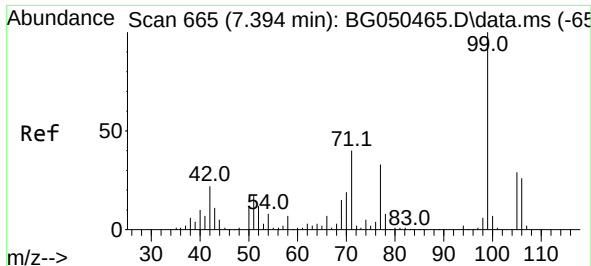
Tgt Ion:152 Resp: 40438
Ion Ratio Lower Upper
152 100
150 155.7 119.4 179.0
115 67.6 60.2 90.4



#5
2-Fluorophenol
Concen: 111.885 ng
RT: 5.794 min Scan# 392
Delta R.T. 0.004 min
Lab File: BG050487.D
Acq: 7 Oct 2021 17:40

Tgt Ion:112 Resp: 302527
Ion Ratio Lower Upper
112 100
64 72.0 46.7 70.1#
63 39.7 35.3 52.9

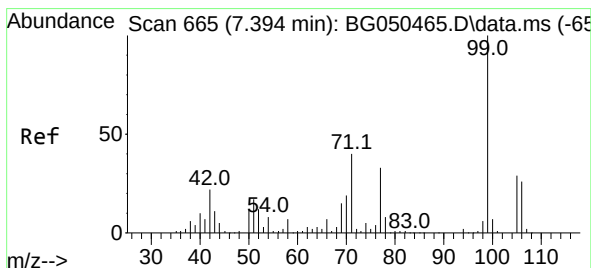
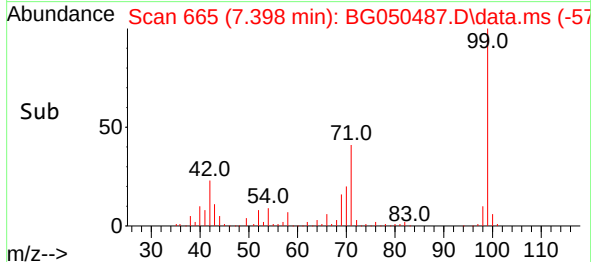
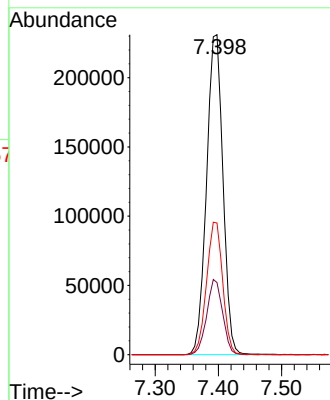
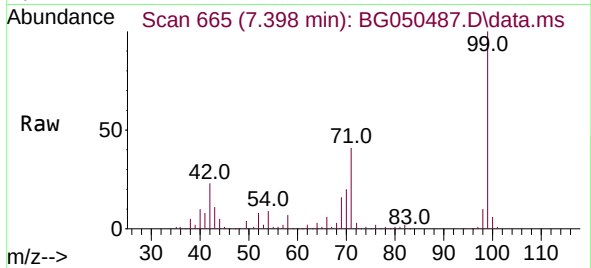




#7
Phenol-d6
Concen: 106.494 ng
RT: 7.398 min Scan# 665
Delta R.T. 0.004 min
Lab File: BG050487.D
Acq: 7 Oct 2021 17:40

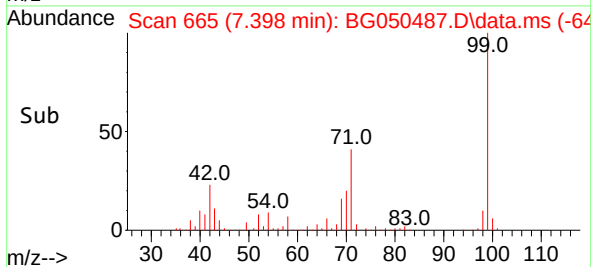
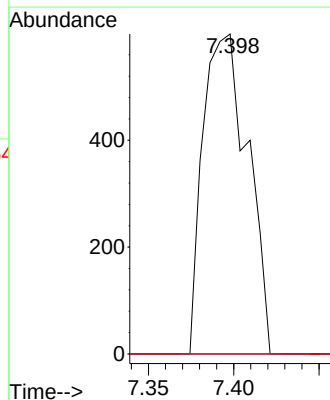
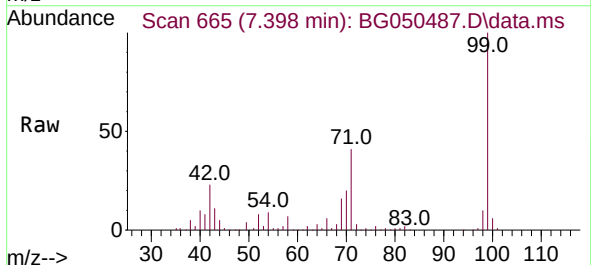
Instrument :
BNA_G
ClientSampleId :
TP-2

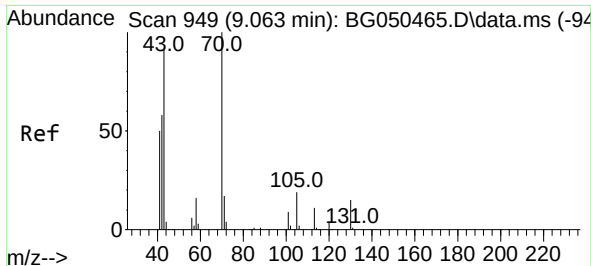
Tgt Ion: 99 Resp: 416902
Ion Ratio Lower Upper
99 100
42 22.6 20.5 30.7
71 41.2 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.398 min Scan# 665
Delta R.T. 0.004 min
Lab File: BG050487.D
Acq: 7 Oct 2021 17:40

Tgt Ion: 77 Resp: 1092
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

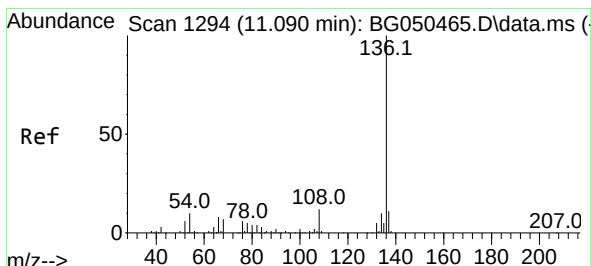
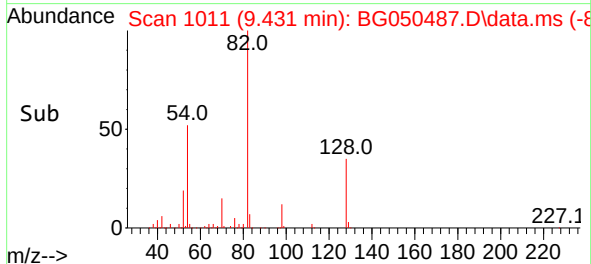
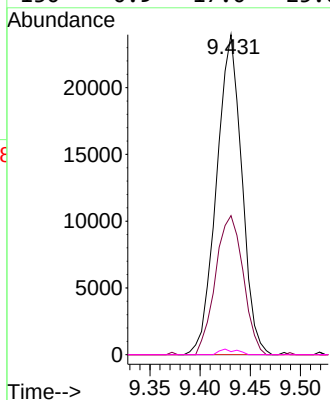
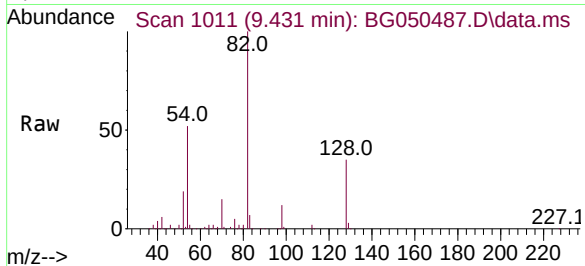




#19
n-Nitroso-di-n-propylamine
Concen: 14.729 ng
RT: 9.431 min Scan# 1011
Delta R.T. 0.368 min
Lab File: BG050487.D
Acq: 7 Oct 2021 17:40

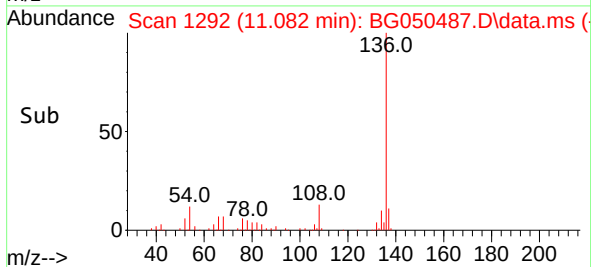
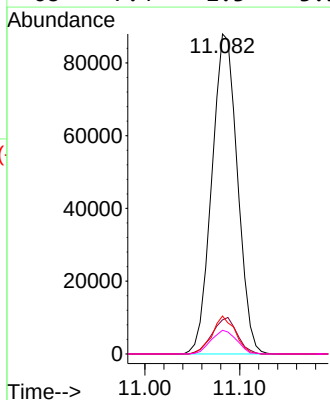
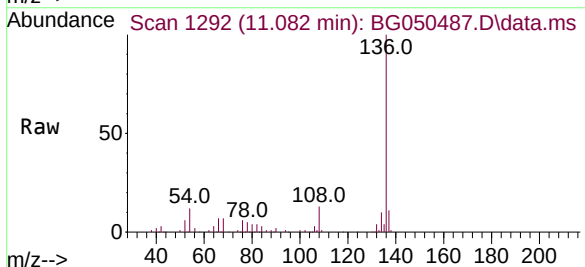
Instrument :
BNA_G
ClientSampled :
TP-2

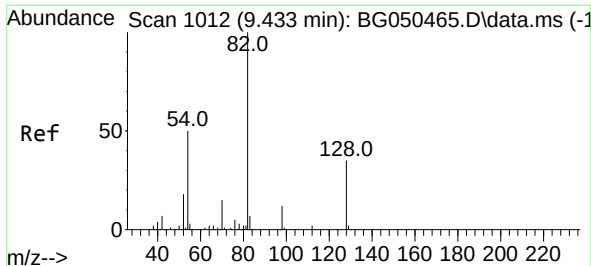
Tgt Ion:	70	Resp:	42026
Ion	Ratio	Lower	Upper
70	100		
42	43.4	54.5	81.7#
101	0.0	9.0	13.6#
130	0.9	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.082 min Scan# 1292
Delta R.T. -0.008 min
Lab File: BG050487.D
Acq: 7 Oct 2021 17:40

Tgt Ion:	136	Resp:	165000
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.2
54	11.9	5.5	8.3#
68	7.4	2.3	3.5#

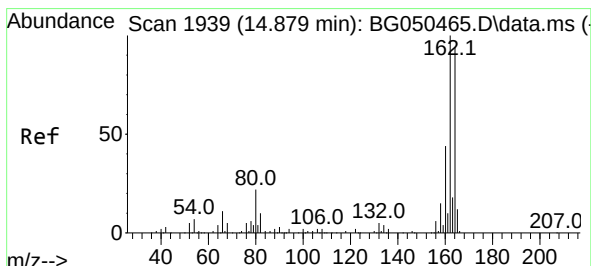
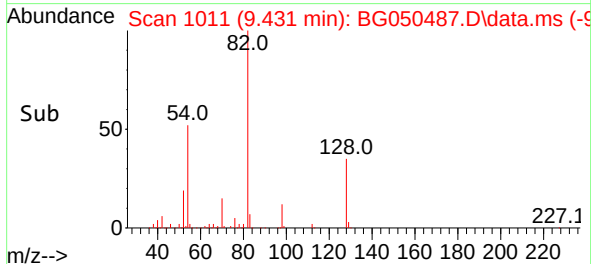
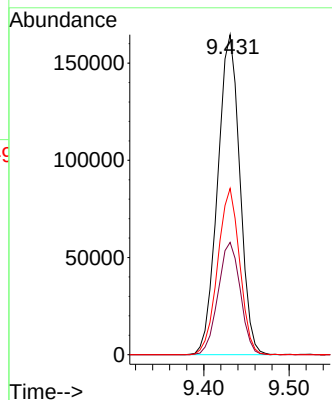
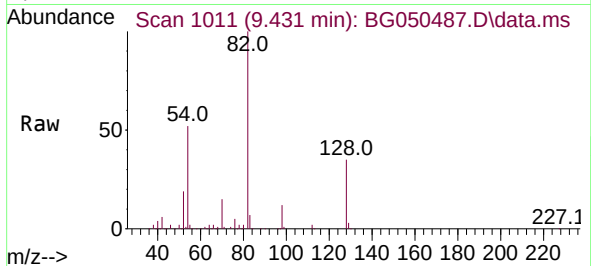




#23
Nitrobenzene-d5
Concen: 74.718 ng
RT: 9.431 min Scan# 1011
Delta R.T. -0.002 min
Lab File: BG050487.D
Acq: 7 Oct 2021 17:40

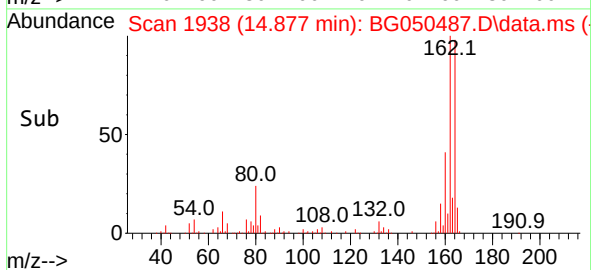
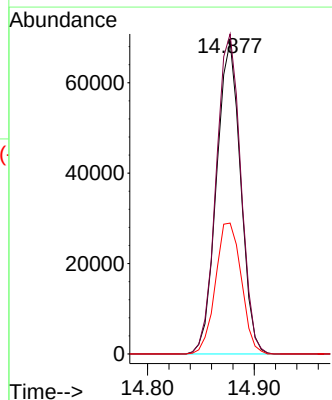
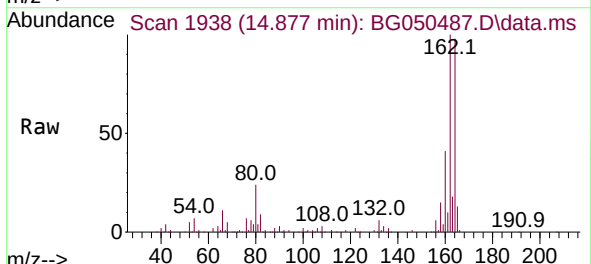
Instrument :
BNA_G
ClientSampled :
TP-2

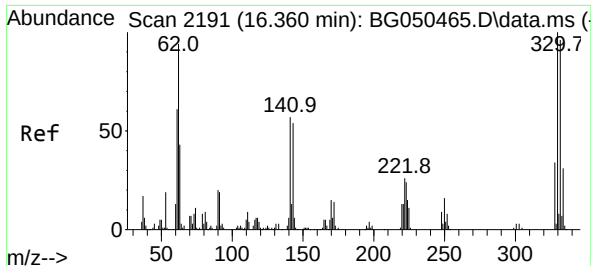
Tgt Ion: 82 Resp: 297820
Ion Ratio Lower Upper
82 100
128 35.1 29.8 44.6
54 52.0 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.877 min Scan# 1938
Delta R.T. -0.002 min
Lab File: BG050487.D
Acq: 7 Oct 2021 17:40

Tgt Ion:164 Resp: 108095
Ion Ratio Lower Upper
164 100
162 102.4 81.4 122.0
160 41.9 34.9 52.3

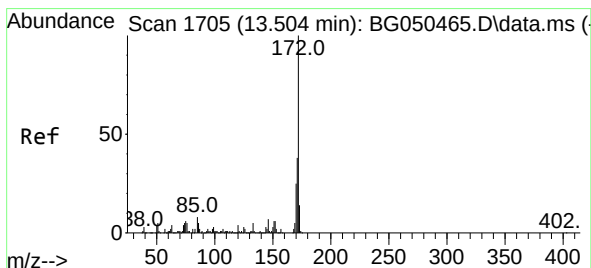
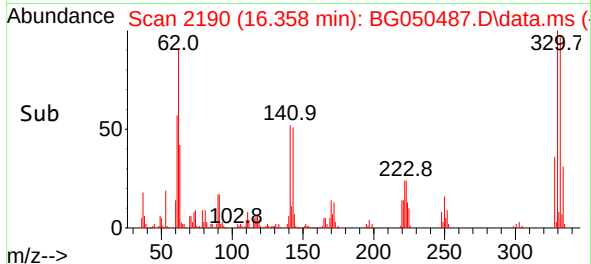
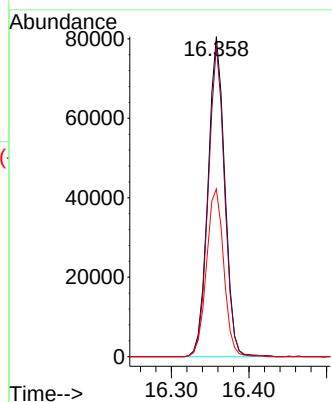
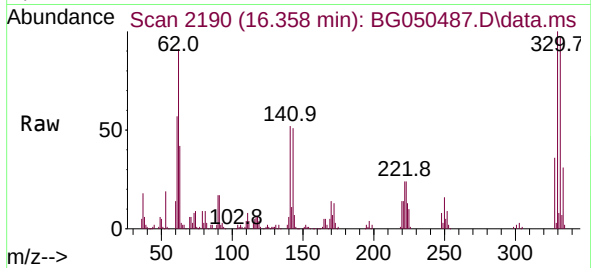




#42
2,4,6-Tribromophenol
Concen: 117.201 ng
RT: 16.358 min Scan# 2190
Delta R.T. -0.002 min
Lab File: BG050487.D
Acq: 7 Oct 2021 17:40

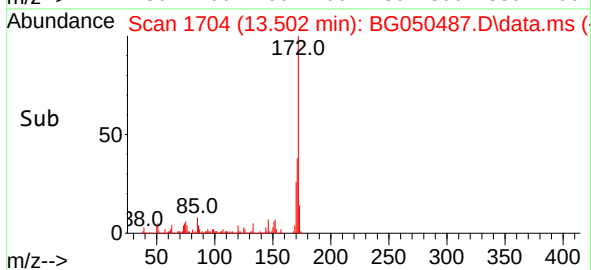
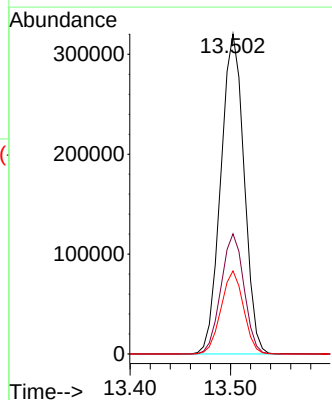
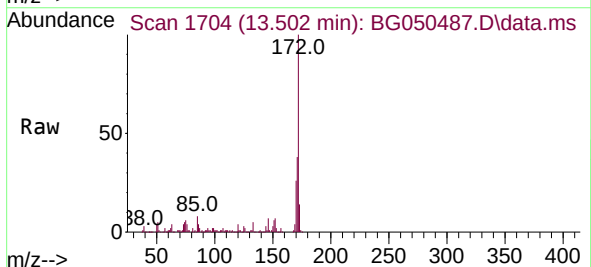
Instrument :
BNA_G
ClientSampled :
TP-2

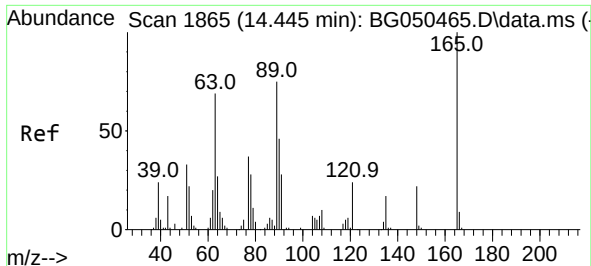
Tgt Ion:330 Resp: 120838
Ion Ratio Lower Upper
330 100
332 94.9 77.3 115.9
141 54.1 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 71.746 ng
RT: 13.502 min Scan# 1704
Delta R.T. -0.002 min
Lab File: BG050487.D
Acq: 7 Oct 2021 17:40

Tgt Ion:172 Resp: 515297
Ion Ratio Lower Upper
172 100
171 37.5 28.6 43.0
170 25.9 18.6 27.8

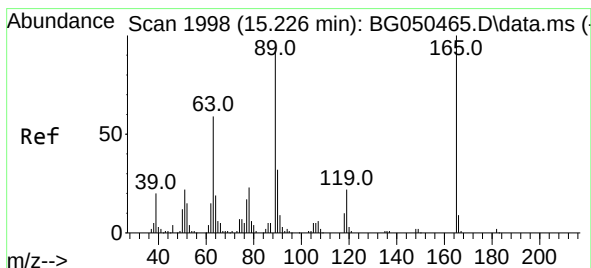
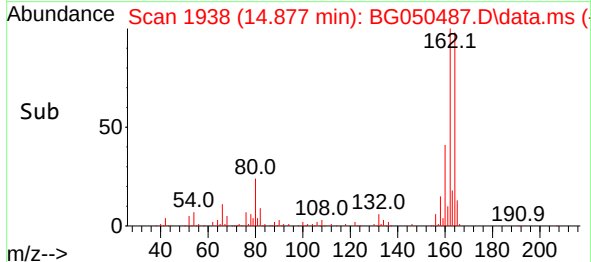
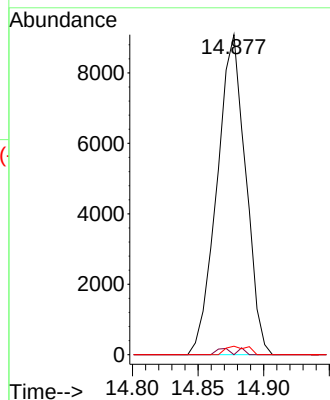
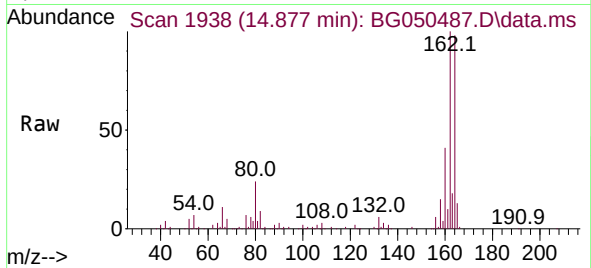




#51
2,6-Dinitrotoluene
Concen: 8.433 ng
RT: 14.877 min Scan# 1938
Delta R.T. 0.433 min
Lab File: BG050487.D
Acq: 7 Oct 2021 17:40

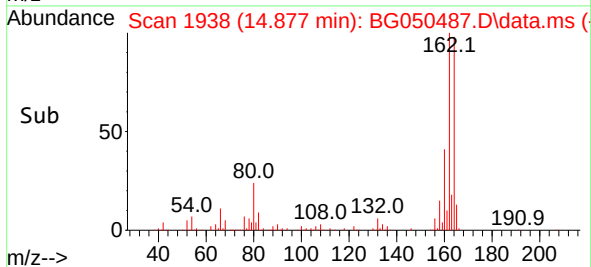
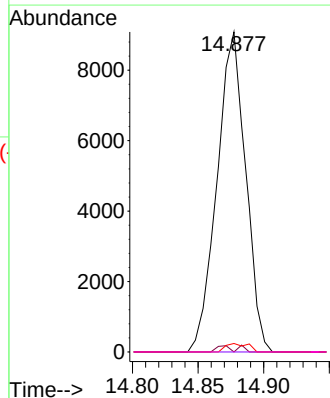
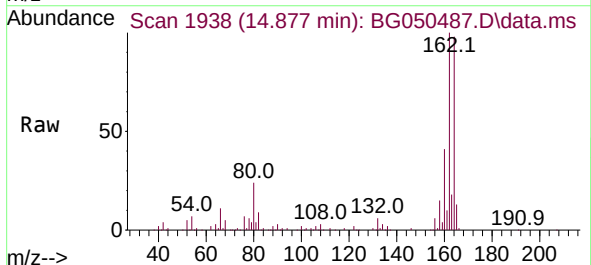
Instrument :
BNA_G
ClientSampled :
TP-2

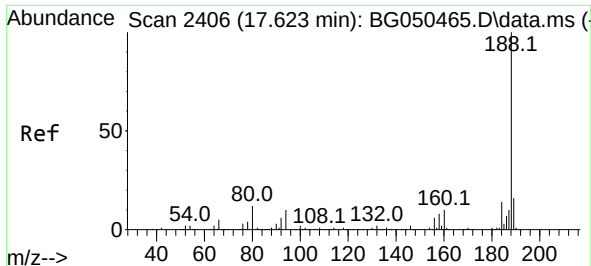
Tgt Ion:165 Resp: 13800
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.7 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.983 ng
RT: 14.877 min Scan# 1938
Delta R.T. -0.349 min
Lab File: BG050487.D
Acq: 7 Oct 2021 17:40

Tgt Ion:165 Resp: 13800
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.7 65.4 98.0#
182 0.0 2.0 3.0#

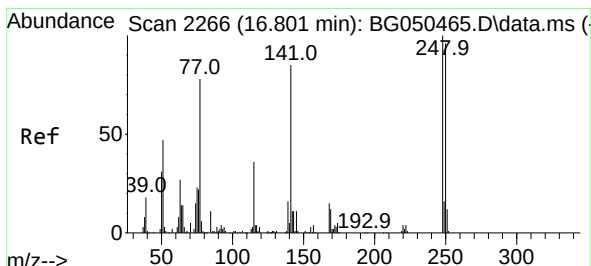
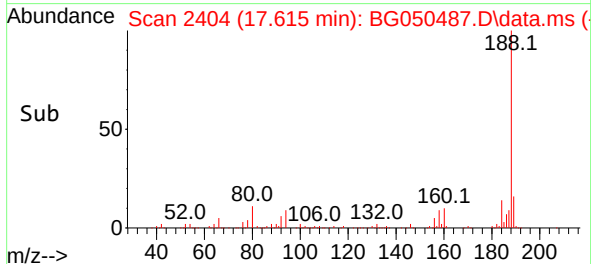
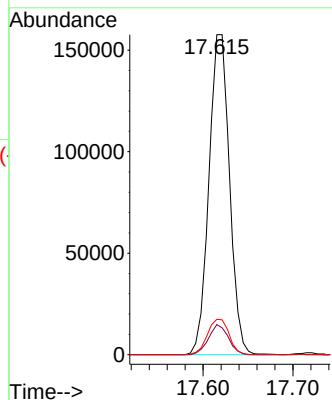
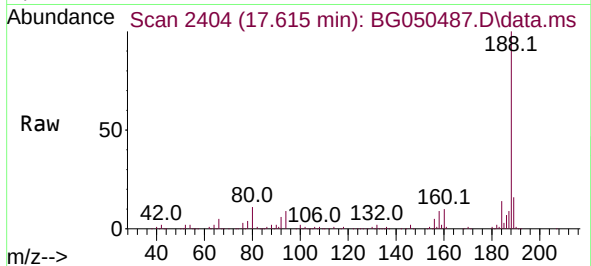




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2404
Delta R.T. -0.008 min
Lab File: BG050487.D
Acq: 7 Oct 2021 17:40

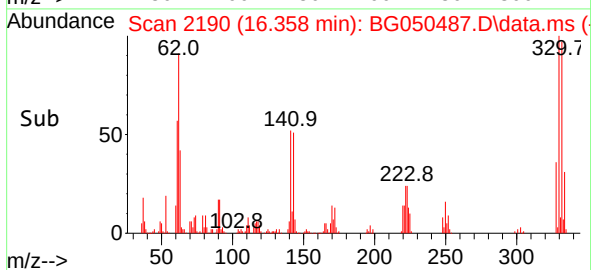
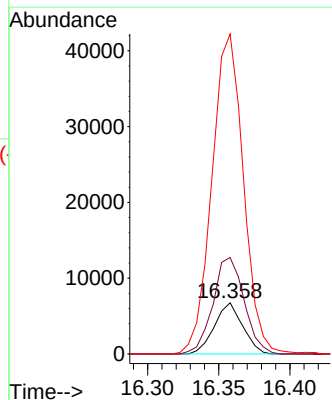
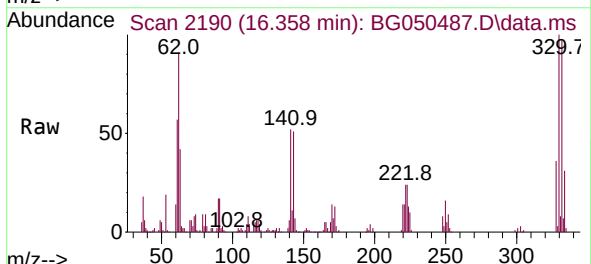
Instrument :
BNA_G
ClientSampled :
TP-2

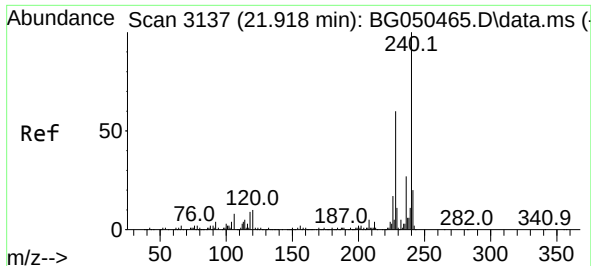
Tgt Ion:188 Resp: 250906
Ion Ratio Lower Upper
188 100
94 9.4 5.4 8.0#
80 11.0 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.685 ng
RT: 16.358 min Scan# 2190
Delta R.T. -0.443 min
Lab File: BG050487.D
Acq: 7 Oct 2021 17:40

Tgt Ion:248 Resp: 9316
Ion Ratio Lower Upper
248 100
250 188.4 76.1 114.1#
141 624.9 65.4 98.2#

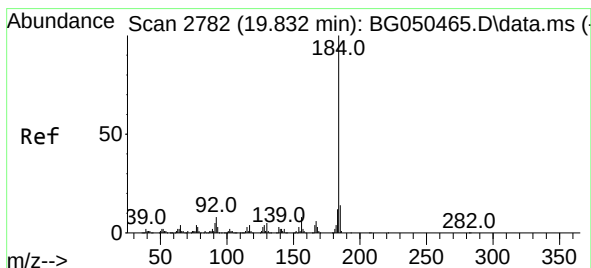
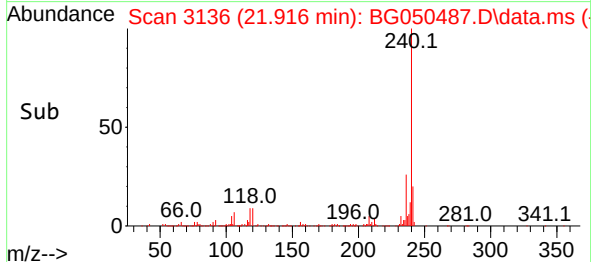
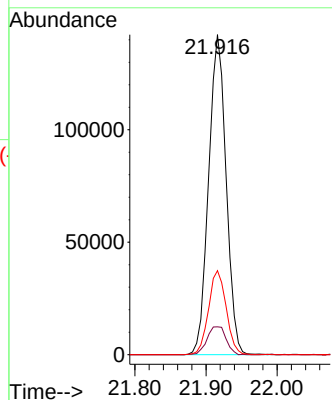
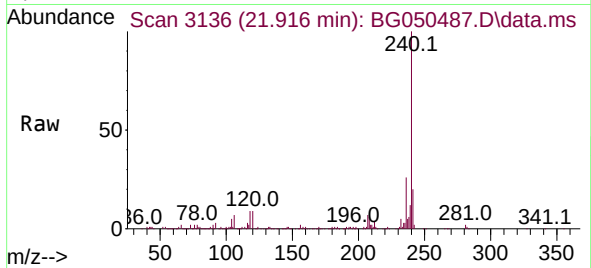




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.916 min Scan# 3136
Delta R.T. -0.002 min
Lab File: BG050487.D
Acq: 7 Oct 2021 17:40

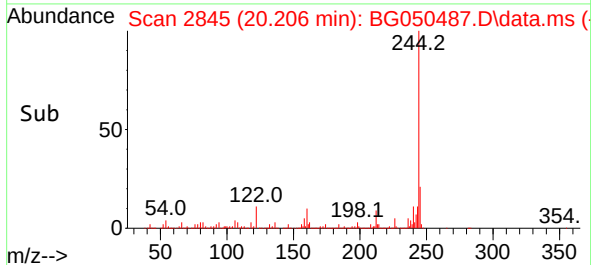
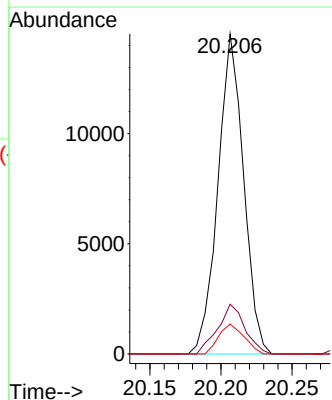
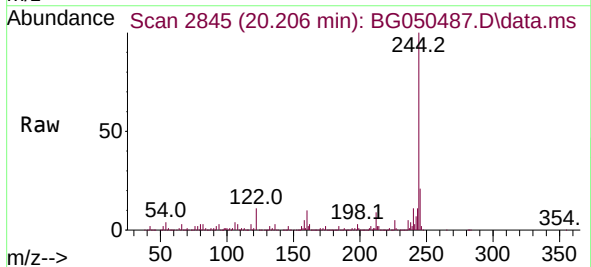
Instrument :
BNA_G
ClientSampled :
TP-2

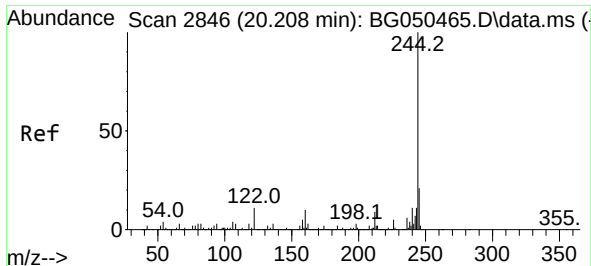
Tgt Ion:240 Resp: 243850
Ion Ratio Lower Upper
240 100
120 8.7 4.2 6.2#
236 26.3 21.8 32.6



#77
Benzidine
Concen: 2.299 ng
RT: 20.206 min Scan# 2845
Delta R.T. 0.374 min
Lab File: BG050487.D
Acq: 7 Oct 2021 17:40

Tgt Ion:184 Resp: 18172
Ion Ratio Lower Upper
184 100
185 15.6 10.7 16.1
183 9.3 9.4 14.0#

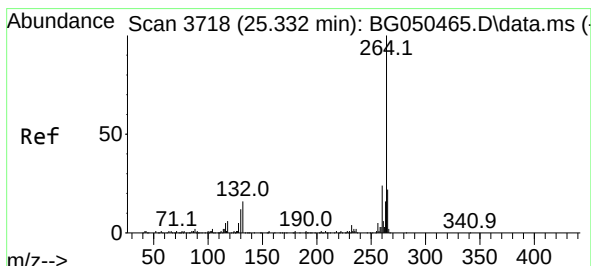
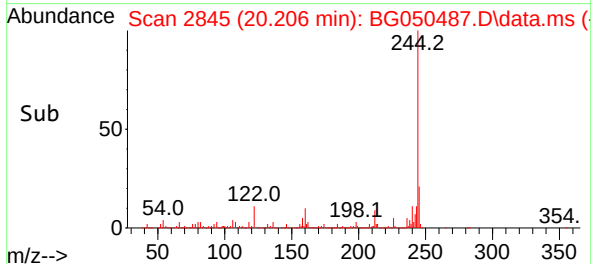
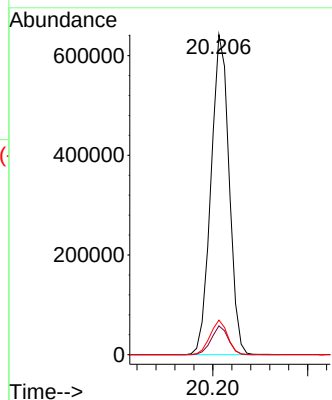
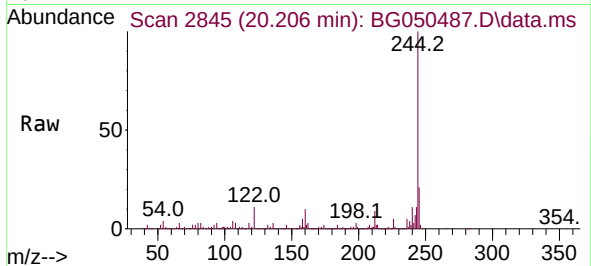




#79
 Terphenyl-d14
 Concen: 67.953 ng
 RT: 20.206 min Scan# 2845
 Delta R.T. -0.002 min
 Lab File: BG050487.D
 Acq: 7 Oct 2021 17:40

Instrument :
 BNA_G
 ClientSampled :
 TP-2

Tgt Ion:244 Resp: 850276
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.9 10.3
 122 10.8 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.324 min Scan# 3716
 Delta R.T. -0.008 min
 Lab File: BG050487.D
 Acq: 7 Oct 2021 17:40

Tgt Ion:264 Resp: 244279
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.4 29.2
 265 21.7 16.9 25.3

