

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082522\
 Data File : BG054742.D
 Acq On : 25 Aug 2022 19:06
 Operator : CG/JU
 Sample : PB147245BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147245BL

Quant Time: Aug 26 05:17:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

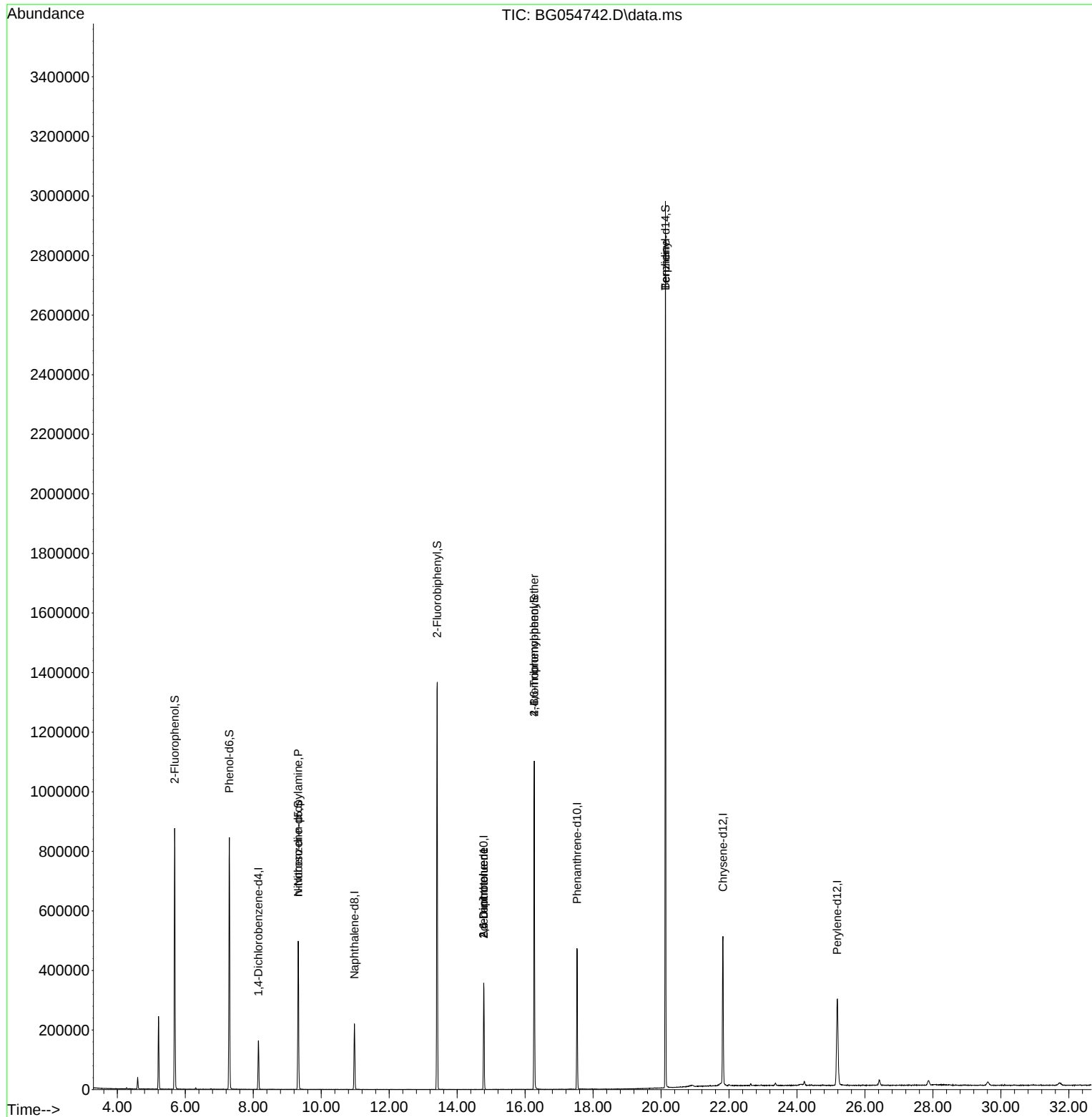
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.148	152	50122	20.000	ng	0.00
21) Naphthalene-d8	10.974	136	199766	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	132264	20.000	ng	0.00
64) Phenanthrene-d10	17.525	188	319709	20.000	ng	0.00
76) Chrysene-d12	21.820	240	328244	20.000	ng	0.00
86) Perylene-d12	25.181	264	334840	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.686	112	393292	136.639	ng	0.00
7) Phenol-d6	7.296	99	519591	131.998	ng	0.00
23) Nitrobenzene-d5	9.323	82	317869	83.533	ng	0.00
42) 2,4,6-Tribromophenol	16.268	330	216235	130.835	ng	0.00
45) 2-Fluorobiphenyl	13.412	172	743274	84.464	ng	0.00
79) Terphenyl-d14	20.128	244	1423554	85.930	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.323	70	39495	14.591	ng	# 79
51) 2,6-Dinitrotoluene	14.781	165	17165	8.236	ng	# 21
57) 2,4-Dinitrotoluene	14.781	165	17165	5.954	ng	# 19
67) 4-Bromophenyl-phenylether	16.268	248	14269	4.065	ng	# 1
77) Benzidine	20.128	184	22528	2.771	ng	# 91

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

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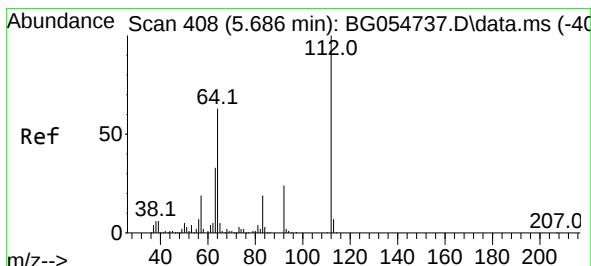
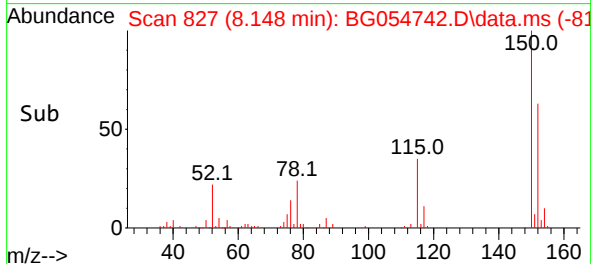
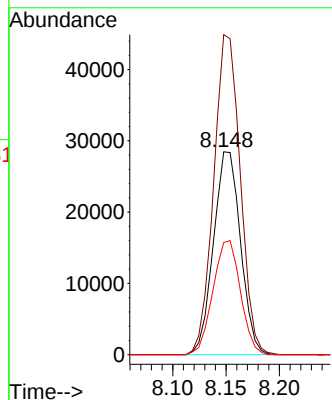
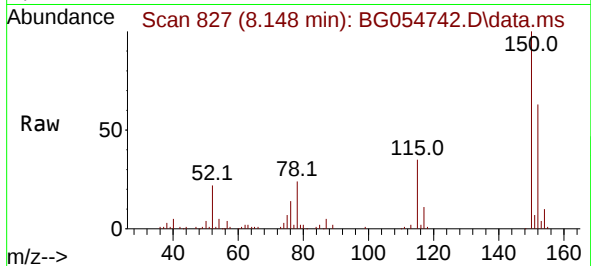




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.148 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG054742.D
Acq: 25 Aug 2022 19:06

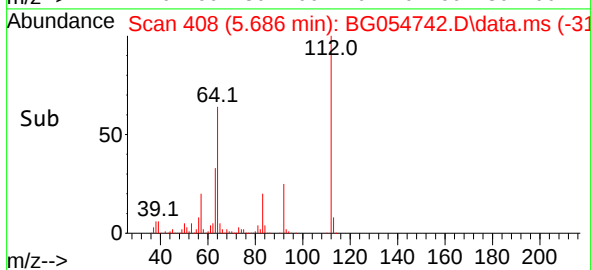
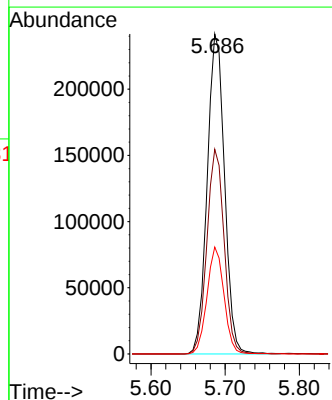
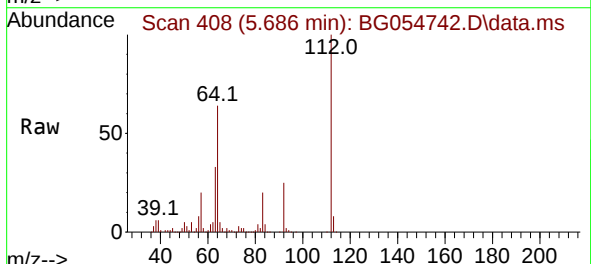
Instrument :
BNA_G
ClientSampleId :
PB147245BL

Tgt Ion:152 Resp: 50122
Ion Ratio Lower Upper
152 100
150 157.7 125.2 187.8
115 55.3 47.9 71.9



#5
2-Fluorophenol
Concen: 136.639 ng
RT: 5.686 min Scan# 408
Delta R.T. 0.000 min
Lab File: BG054742.D
Acq: 25 Aug 2022 19:06

Tgt Ion:112 Resp: 393292
Ion Ratio Lower Upper
112 100
64 64.0 49.3 73.9
63 33.4 26.3 39.5

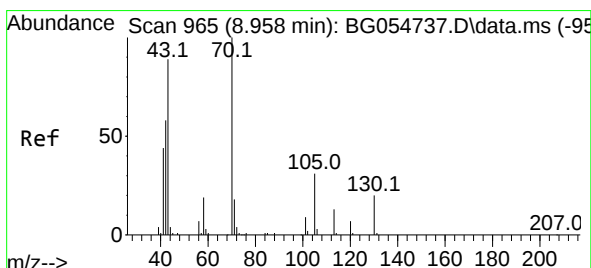
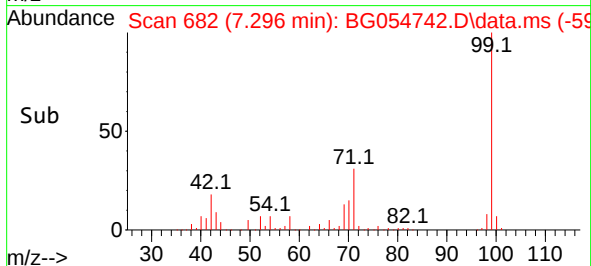
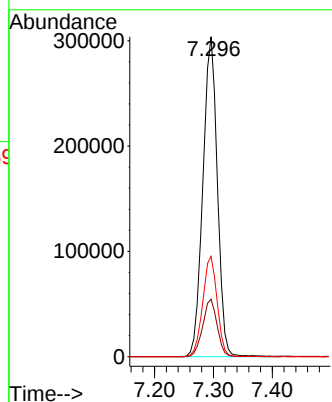
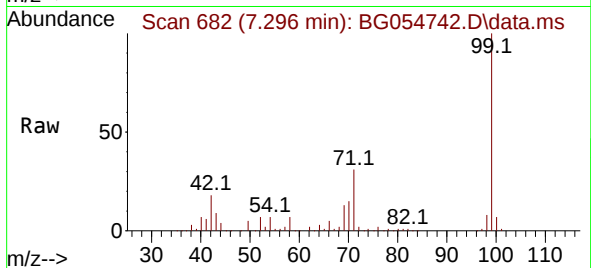




#7
Phenol-d6
Concen: 131.998 ng
RT: 7.296 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG054742.D
Acq: 25 Aug 2022 19:06

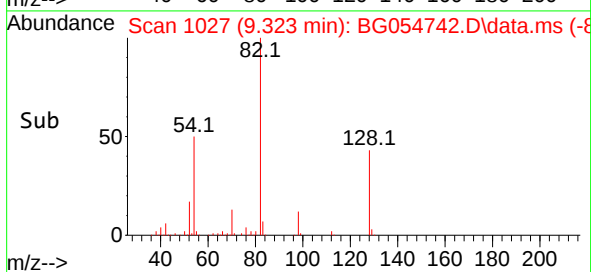
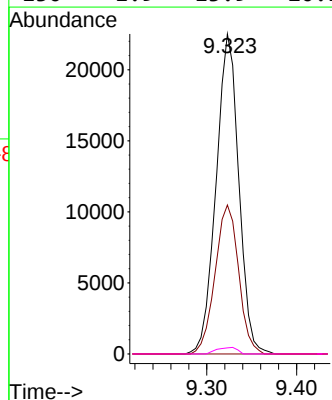
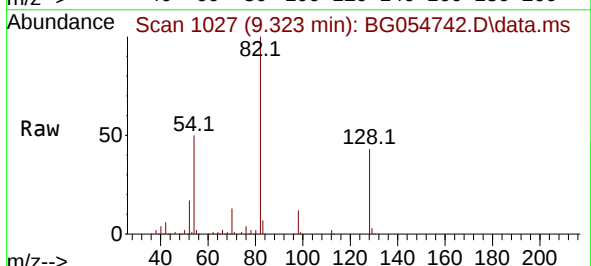
Instrument :
BNA_G
ClientSampleId :
PB147245BL

Tgt Ion: 99 Resp: 519591
Ion Ratio Lower Upper
99 100
42 17.9 14.6 22.0
71 31.4 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.591 ng
RT: 9.323 min Scan# 1027
Delta R.T. 0.364 min
Lab File: BG054742.D
Acq: 25 Aug 2022 19:06

Tgt Ion: 70 Resp: 39495
Ion Ratio Lower Upper
70 100
42 46.5 46.6 69.8#
101 0.0 7.7 11.5#
130 1.9 13.9 20.9#

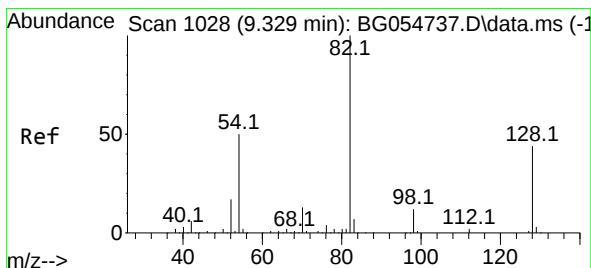
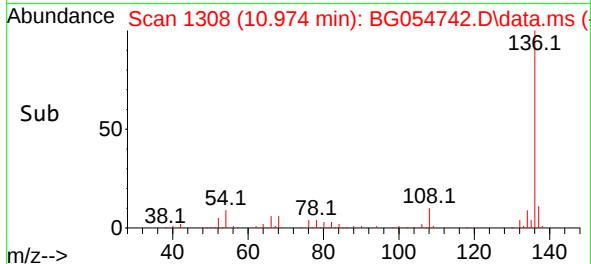
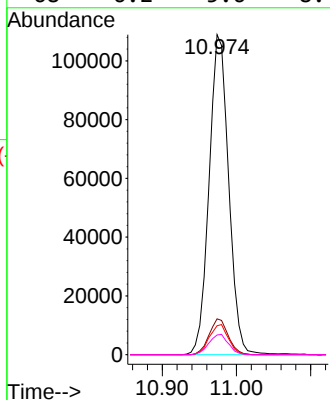
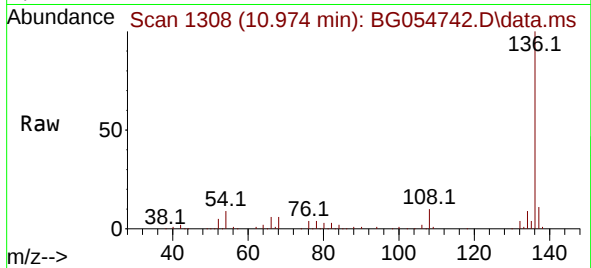




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.974 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054742.D
Acq: 25 Aug 2022 19:06

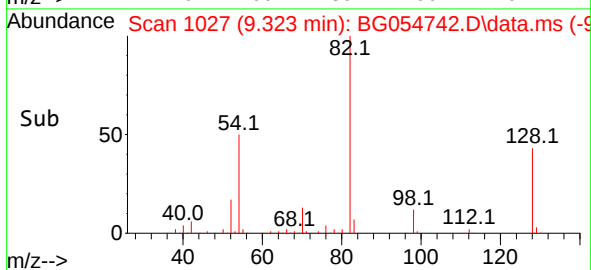
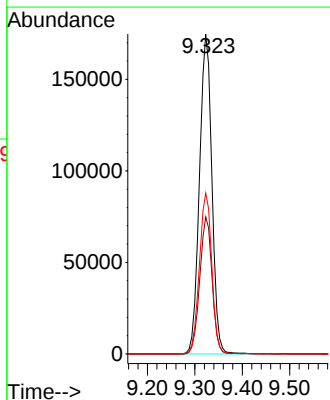
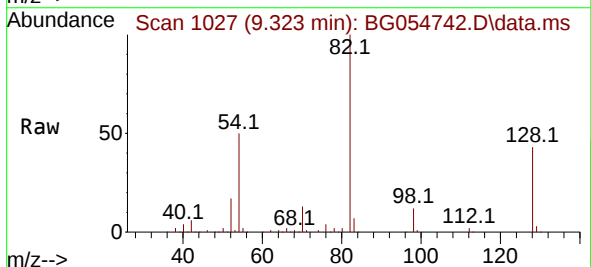
Instrument :
BNA_G
ClientSampleId :
PB147245BL

Tgt Ion:	136	Resp:	199766
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.2	13.8
54	9.0	7.7	11.5
68	6.2	5.6	8.4



#23
Nitrobenzene-d5
Concen: 83.533 ng
RT: 9.323 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BG054742.D
Acq: 25 Aug 2022 19:06

Tgt Ion:	82	Resp:	317869
Ion Ratio	Lower	Upper	
82	100		
128	42.8	32.2	48.2
54	50.3	41.4	62.0

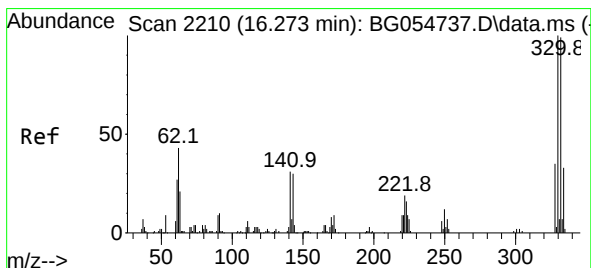
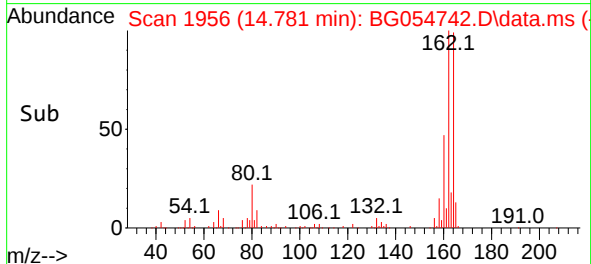
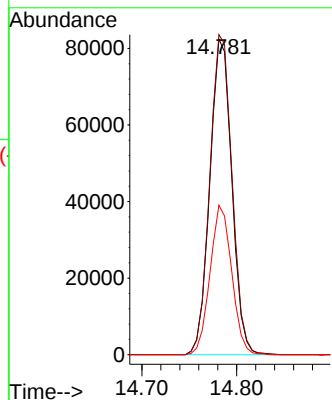
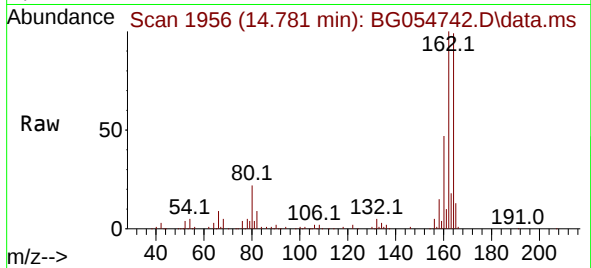




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BG054742.D
Acq: 25 Aug 2022 19:06

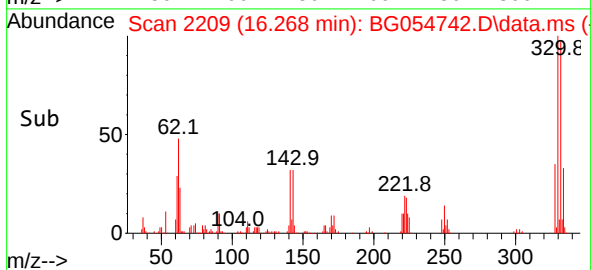
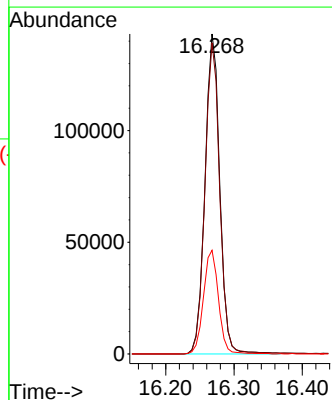
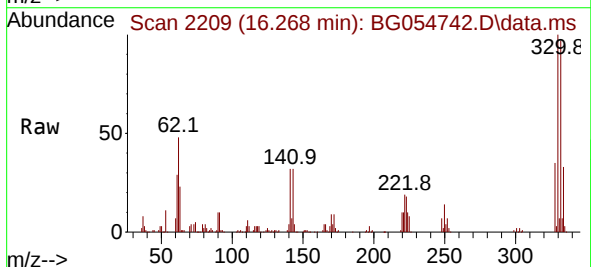
Instrument :
BNA_G
ClientSampleId :
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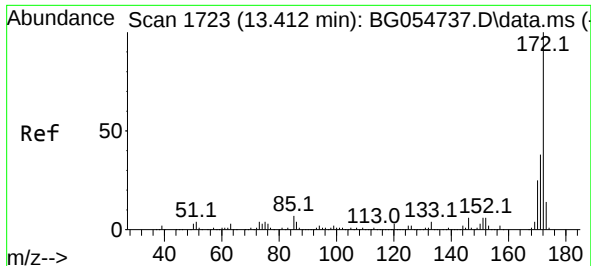
Tgt Ion:164 Resp: 132264
Ion Ratio Lower Upper
164 100
162 101.4 83.0 124.4
160 47.4 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 130.835 ng
RT: 16.268 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BG054742.D
Acq: 25 Aug 2022 19:06

Tgt Ion:330 Resp: 216235
Ion Ratio Lower Upper
330 100
332 97.5 79.8 119.6
141 32.9 26.8 40.2

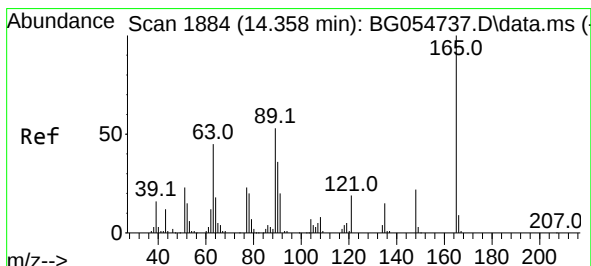
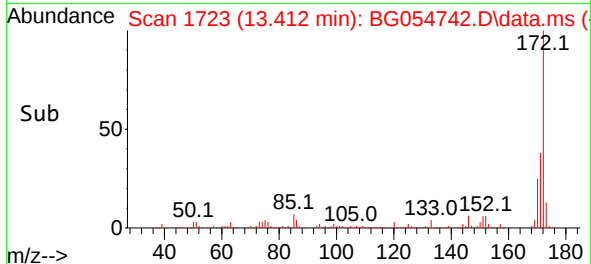
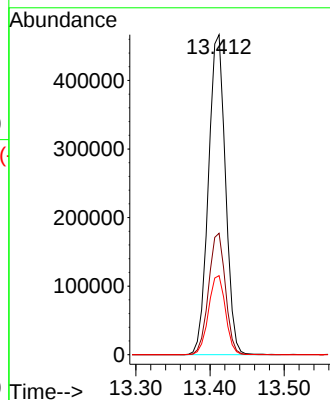
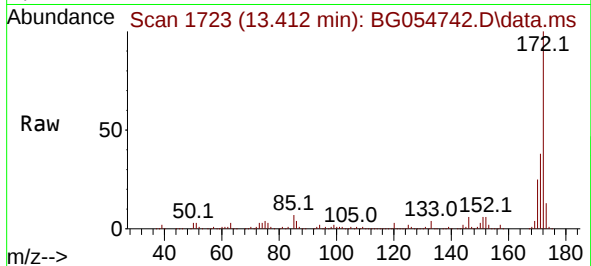




#45
2-Fluorobiphenyl
Concen: 84.464 ng
RT: 13.412 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG054742.D
Acq: 25 Aug 2022 19:06

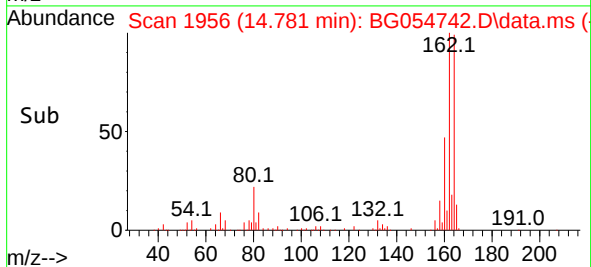
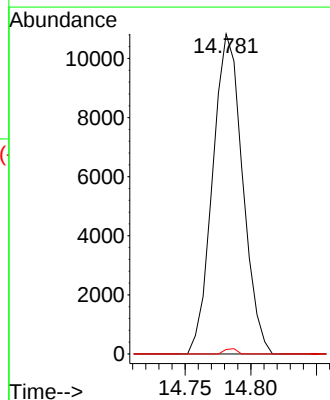
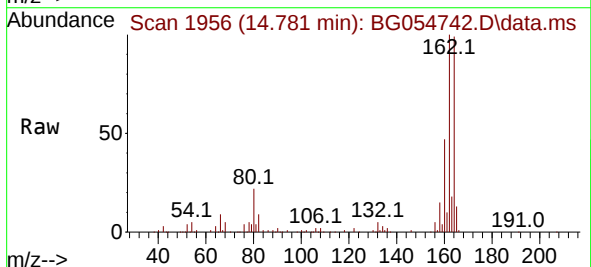
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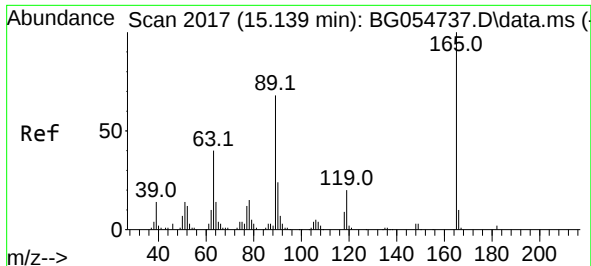
Tgt Ion:172 Resp: 743274
Ion Ratio Lower Upper
172 100
171 37.9 31.2 46.8
170 24.7 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.236 ng
RT: 14.781 min Scan# 1956
Delta R.T. 0.423 min
Lab File: BG054742.D
Acq: 25 Aug 2022 19:06

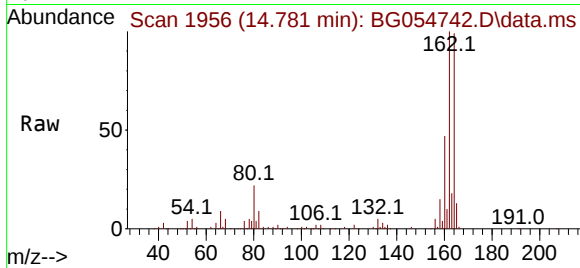
Tgt Ion:165 Resp: 17165
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 1.4 50.3 75.5#



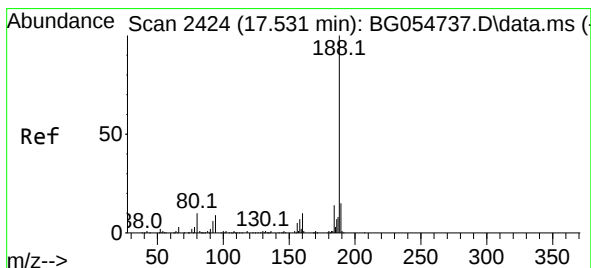
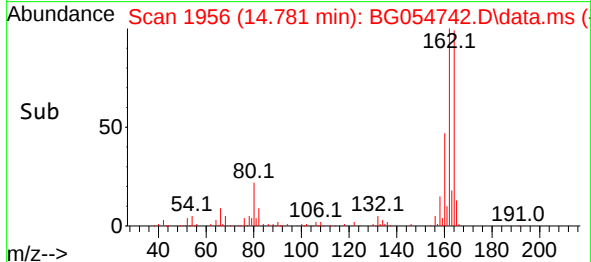
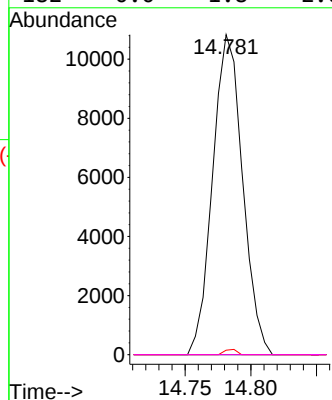


#57
2,4-Dinitrotoluene
Concen: 5.954 ng
RT: 14.781 min Scan# 1956
Delta R.T. -0.358 min
Lab File: BG054742.D
Acq: 25 Aug 2022 19:06

Instrument :
BNA_G
ClientSampleId :
PB147245BL

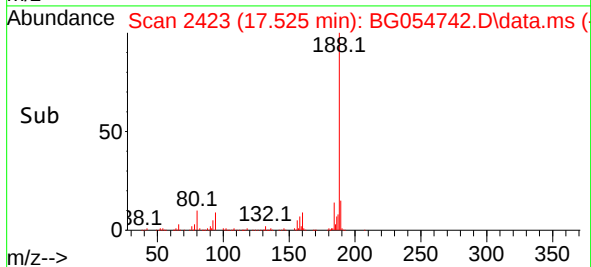
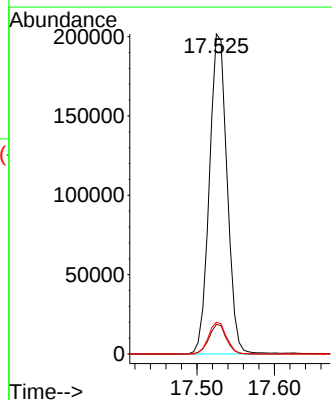
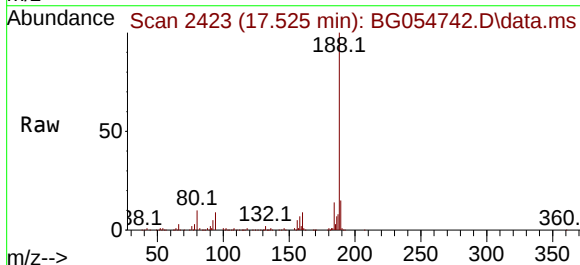


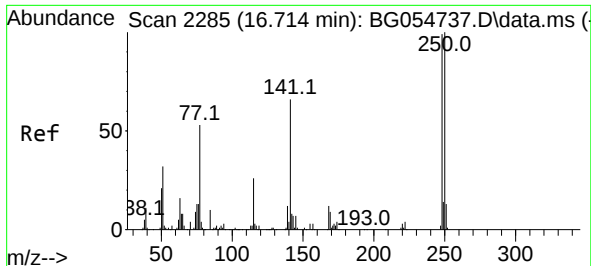
Tgt Ion:165 Resp: 17165
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 1.4 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.525 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BG054742.D
Acq: 25 Aug 2022 19:06

Tgt Ion:188 Resp: 319709
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 9.9 7.9 11.9

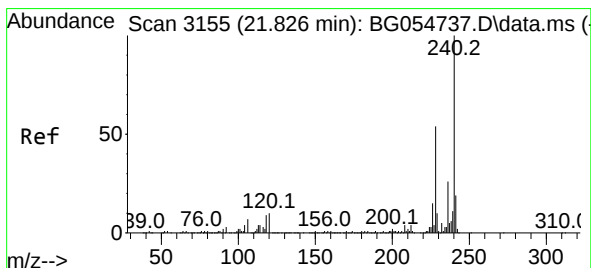
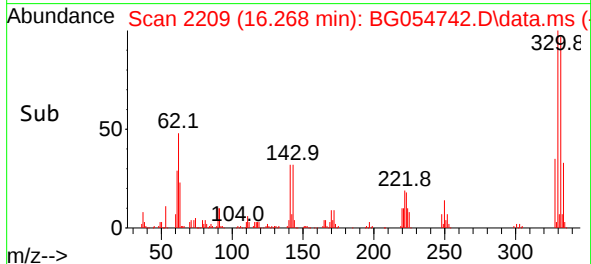
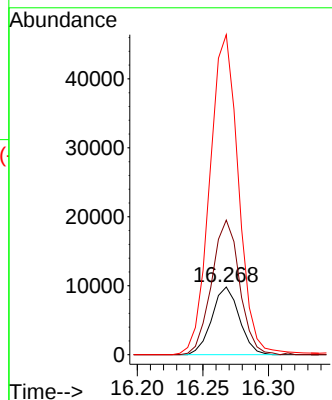
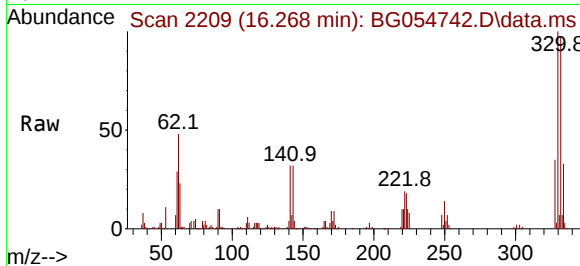




#67
4-Bromophenyl-phenylether
Concen: 4.065 ng
RT: 16.268 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG054742.D
Acq: 25 Aug 2022 19:06

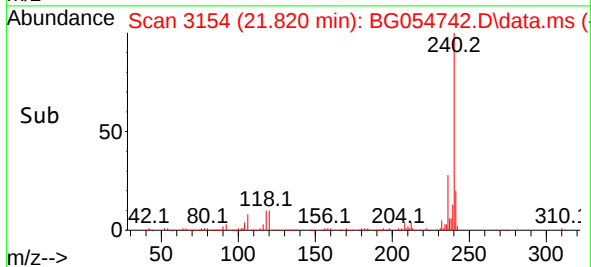
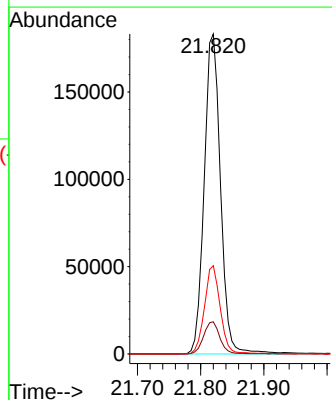
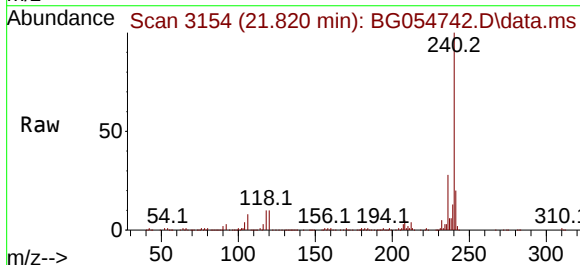
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ClientSampleId :
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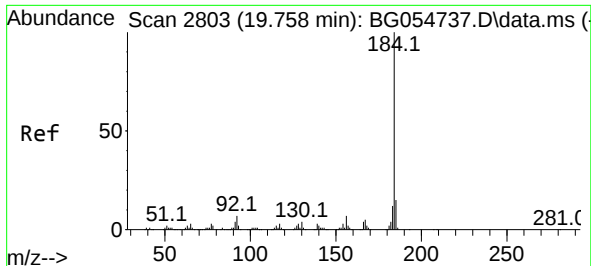
Tgt Ion:248 Resp: 14269
Ion Ratio Lower Upper
248 100
250 198.8 78.8 118.2#
141 472.8 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.820 min Scan# 3154
Delta R.T. -0.006 min
Lab File: BG054742.D
Acq: 25 Aug 2022 19:06

Tgt Ion:240 Resp: 328244
Ion Ratio Lower Upper
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120 10.1 8.2 12.4
236 27.6 21.2 31.8

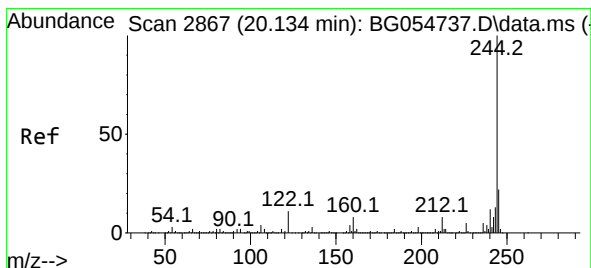
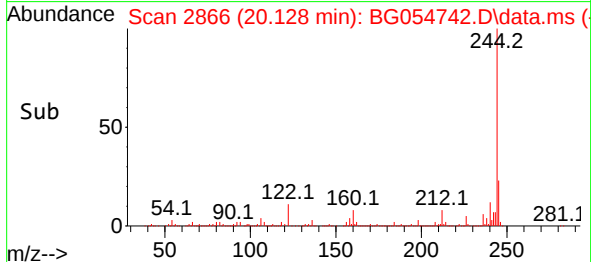
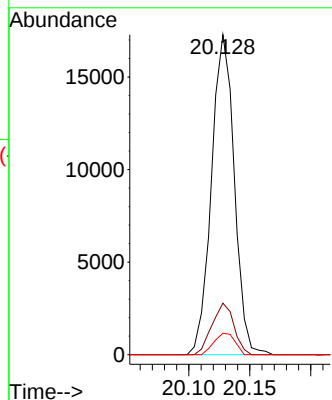
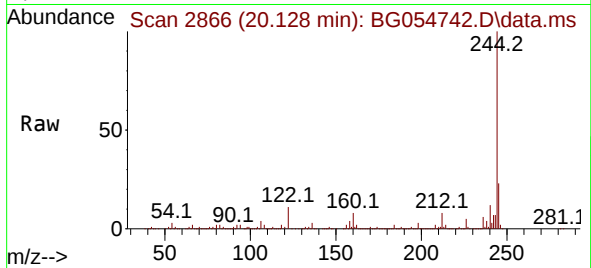




#77
Benzidine
Concen: 2.771 ng
RT: 20.128 min Scan# 2866
Delta R.T. 0.370 min
Lab File: BG054742.D
Acq: 25 Aug 2022 19:06

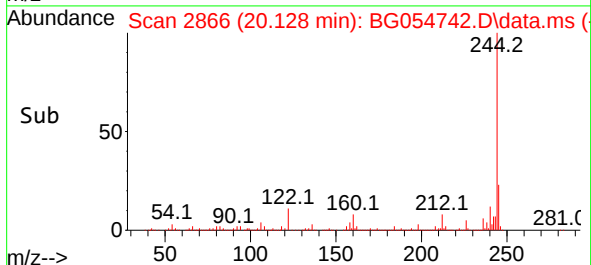
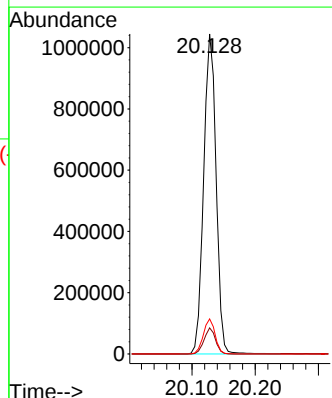
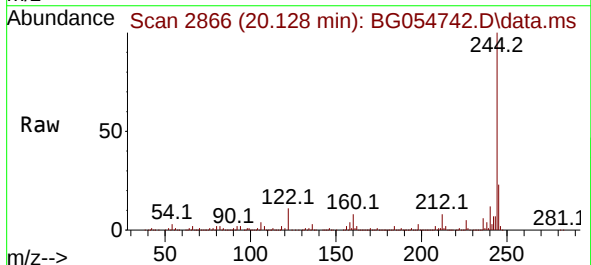
Instrument :
BNA_G
ClientSampleId :
PB147245BL

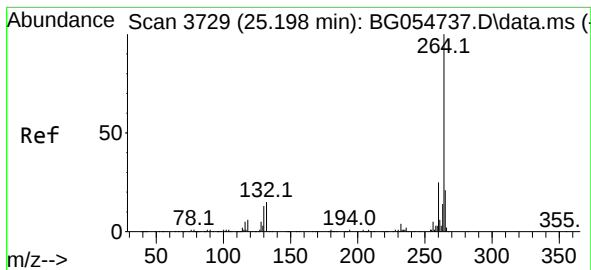
Tgt Ion:184 Resp: 22528
Ion Ratio Lower Upper
184 100
185 16.1 11.4 17.0
183 6.7 9.8 14.8#



#79
Terphenyl-d14
Concen: 85.930 ng
RT: 20.128 min Scan# 2866
Delta R.T. -0.006 min
Lab File: BG054742.D
Acq: 25 Aug 2022 19:06

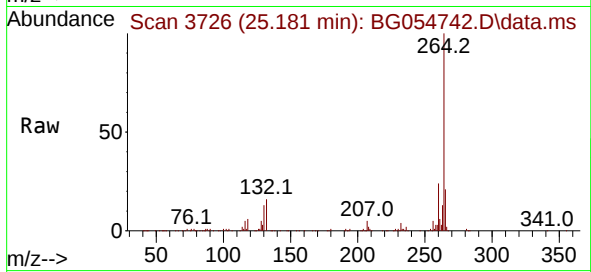
Tgt Ion:244 Resp: 1423554
Ion Ratio Lower Upper
244 100
212 8.2 6.2 9.2
122 11.0 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.181 min Scan# 31
Delta R.T. -0.017 min
Lab File: BG054742.D
Acq: 25 Aug 2022 19:06

Instrument :
BNA_G
ClientSampleId :
PB147245BL



Tgt Ion:264 Resp: 334840

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	21.3	16.9	25.3

