

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090722\
 Data File : BG054870.D
 Acq On : 7 Sep 2022 15:46
 Operator : CG/JU
 Sample : N4500-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMP

Quant Time: Sep 08 04:44:10 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)

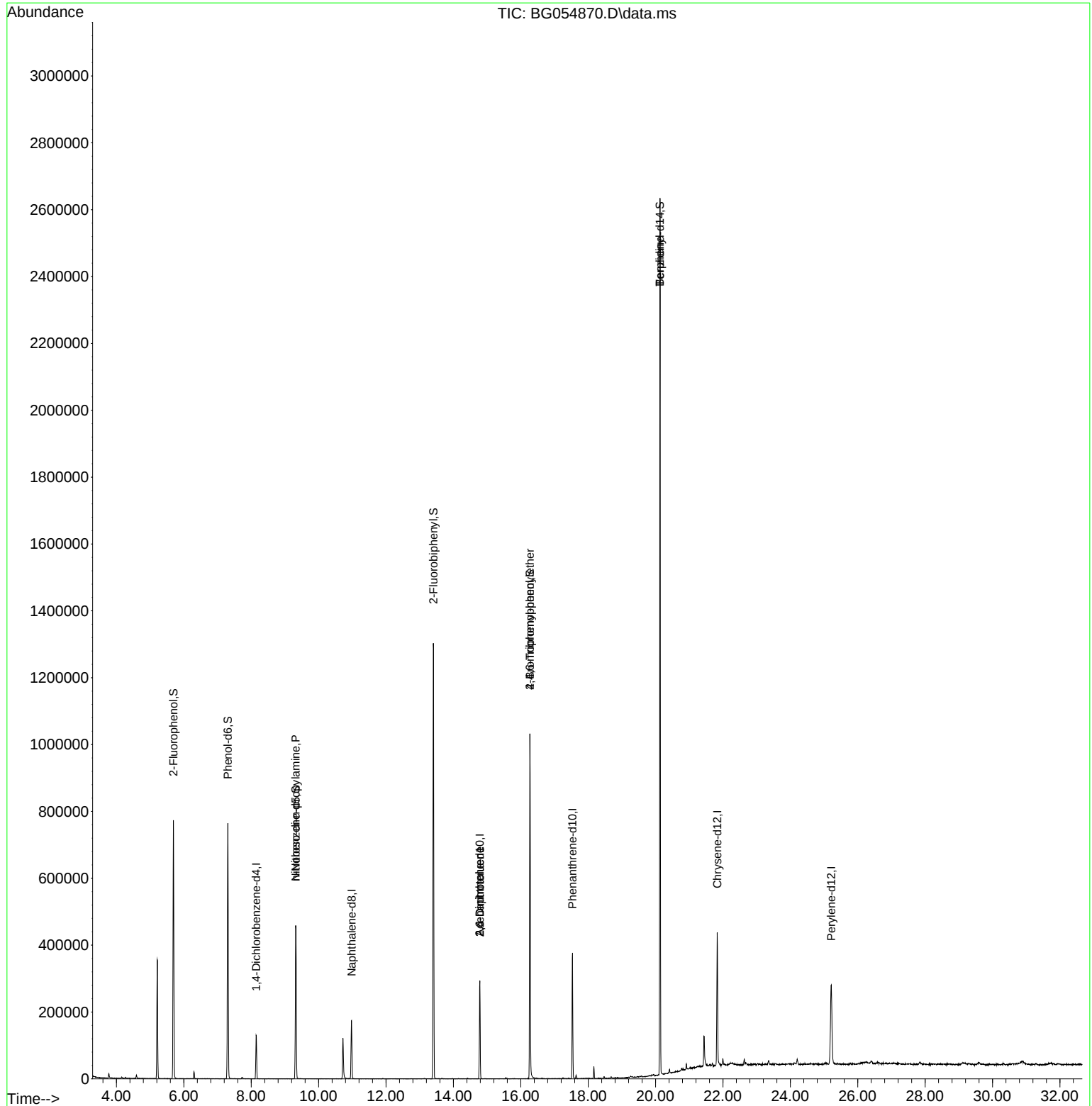
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	41008	20.000	ng	0.00
21) Naphthalene-d8	10.978	136	159866	20.000	ng	0.00
39) Acenaphthene-d10	14.786	164	109537	20.000	ng	0.00
64) Phenanthrene-d10	17.535	188	252441	20.000	ng	0.00
76) Chrysene-d12	21.830	240	252885	20.000	ng	0.00
86) Perylene-d12	25.215	264	269895	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	373930	158.785	ng	0.00
7) Phenol-d6	7.306	99	495864	153.967	ng	0.01
23) Nitrobenzene-d5	9.321	82	297896	97.822	ng	0.00
42) 2,4,6-Tribromophenol	16.272	330	235762	172.248	ng	0.00
45) 2-Fluorobiphenyl	13.411	172	736662	101.081	ng	0.00
79) Terphenyl-d14	20.132	244	1319233	103.364	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.321	70	37714	17.029	ng	# 79
51) 2,6-Dinitrotoluene	14.786	165	14280	8.273	ng	# 20
57) 2,4-Dinitrotoluene	14.786	165	14280	5.981	ng	# 18
67) 4-Bromophenyl-phenylether	16.272	248	15361	5.542	ng	# 1
77) Benzidine	20.132	184	19732	3.150	ng	# 90

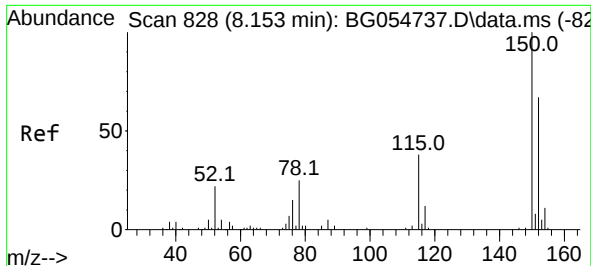
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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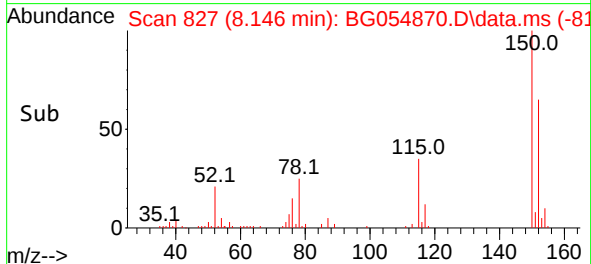
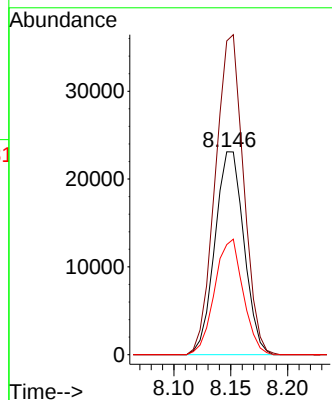
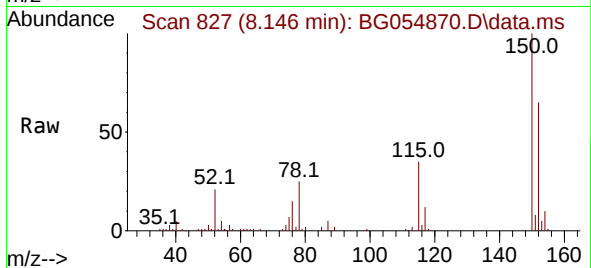




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG054870.D
Acq: 7 Sep 2022 15:46

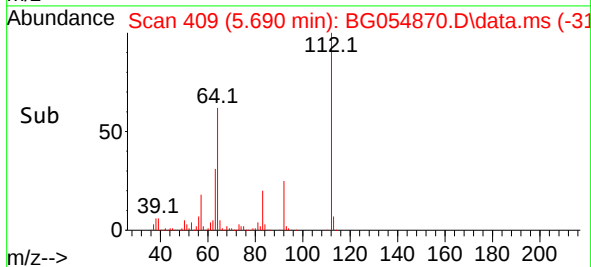
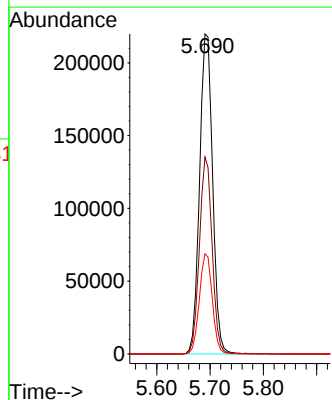
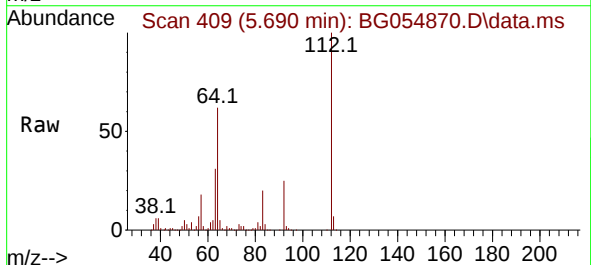
Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion:152 Resp: 41008
Ion Ratio Lower Upper
152 100
150 154.7 125.2 187.8
115 54.3 47.9 71.9



#5
2-Fluorophenol
Concen: 158.785 ng
RT: 5.690 min Scan# 409
Delta R.T. 0.005 min
Lab File: BG054870.D
Acq: 7 Sep 2022 15:46

Tgt Ion:112 Resp: 373930
Ion Ratio Lower Upper
112 100
64 61.6 49.3 73.9
63 31.3 26.3 39.5

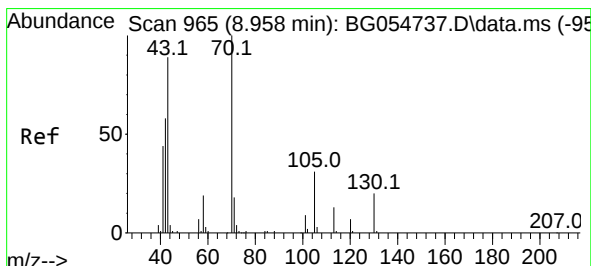
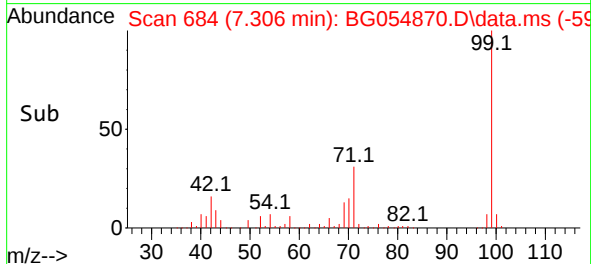
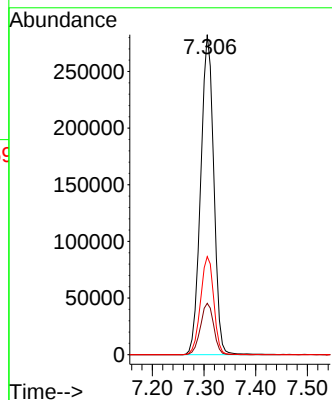
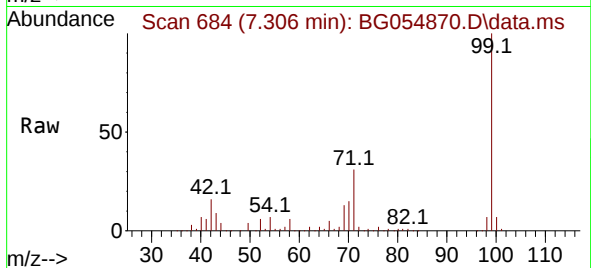




#7
Phenol-d6
Concen: 153.967 ng
RT: 7.306 min Scan# 61
Delta R.T. 0.010 min
Lab File: BG054870.D
Acq: 7 Sep 2022 15:46

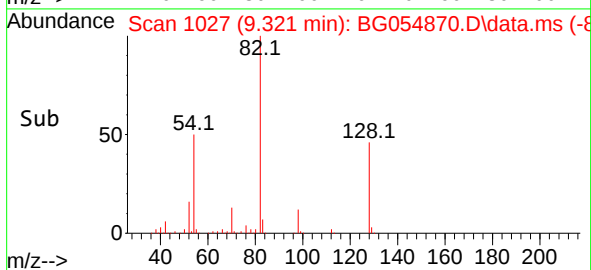
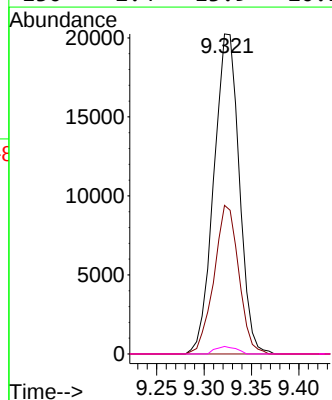
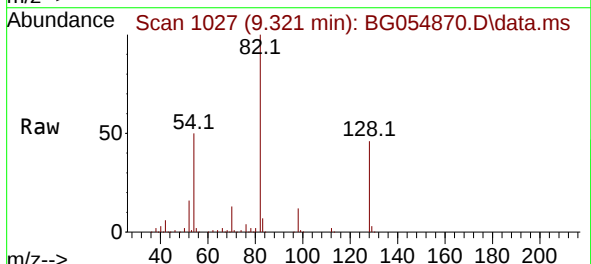
Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

Tgt Ion: 99 Resp: 495864
Ion Ratio Lower Upper
99 100
42 16.1 14.6 22.0
71 30.7 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.029 ng
RT: 9.321 min Scan# 1027
Delta R.T. 0.363 min
Lab File: BG054870.D
Acq: 7 Sep 2022 15:46

Tgt Ion: 70 Resp: 37714
Ion Ratio Lower Upper
70 100
42 46.5 46.6 69.8#
101 0.0 7.7 11.5#
130 2.4 13.9 20.9#





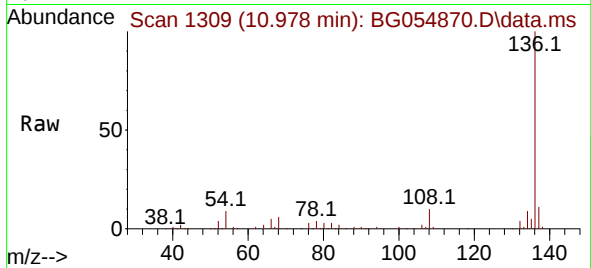
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.978 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG054870.D
Acq: 7 Sep 2022 15:46

Instrument :

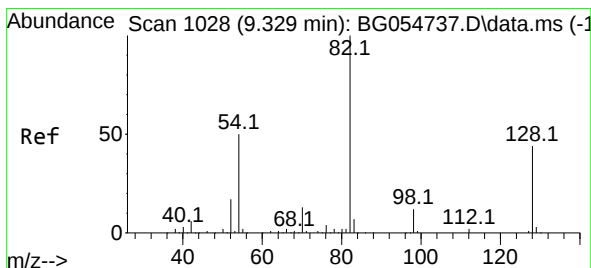
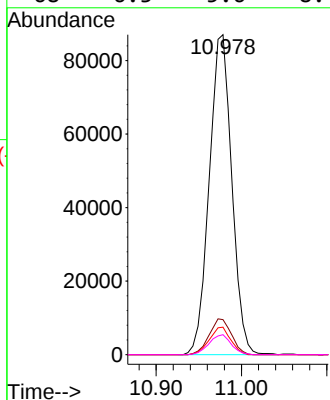
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ClientSampleId :

SB-02-COMP

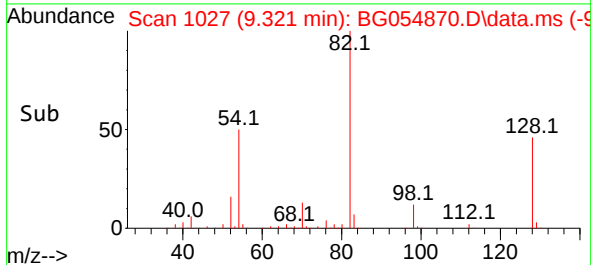
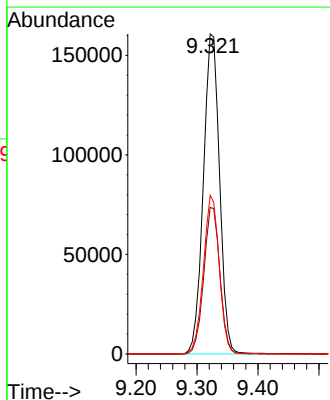
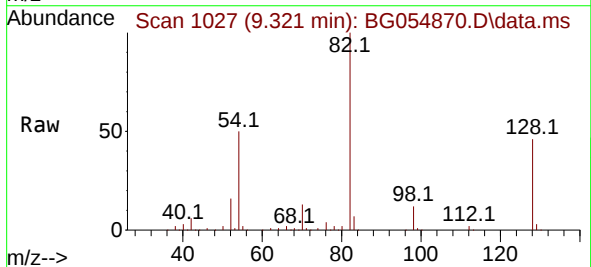


Tgt Ion:	136	Resp:	159866
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.2	13.8
54	8.6	7.7	11.5
68	6.3	5.6	8.4



#23
Nitrobenzene-d5
Concen: 97.822 ng
RT: 9.321 min Scan# 1027
Delta R.T. -0.007 min
Lab File: BG054870.D
Acq: 7 Sep 2022 15:46

Tgt Ion:	82	Resp:	297896
Ion Ratio	Lower	Upper	
82	100		
128	45.8	32.2	48.2
54	49.6	41.4	62.0

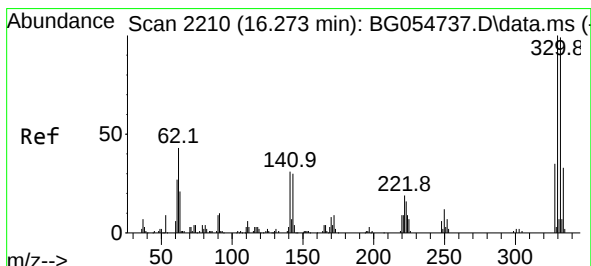
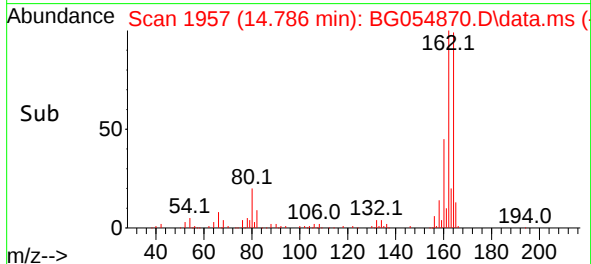
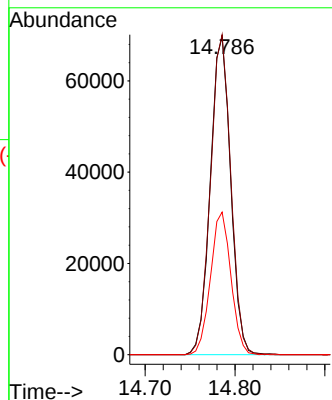
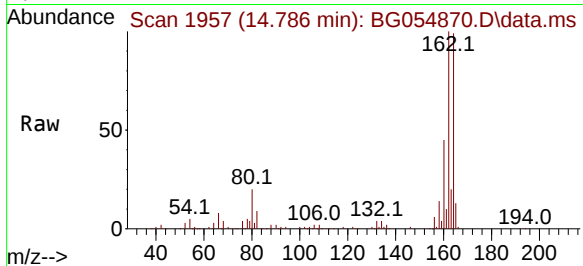




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.786 min Scan# 1957
Delta R.T. -0.001 min
Lab File: BG054870.D
Acq: 7 Sep 2022 15:46

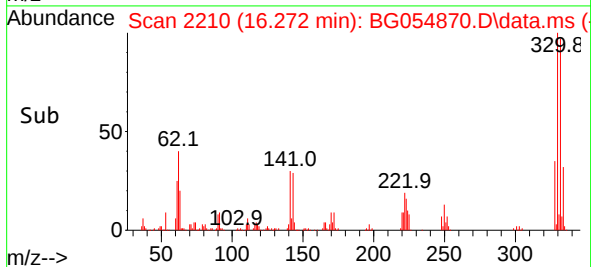
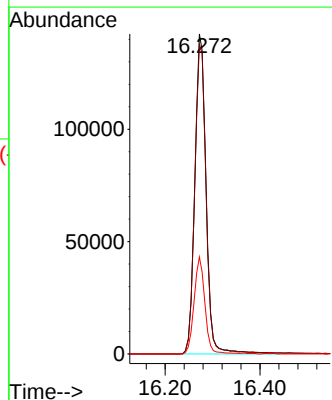
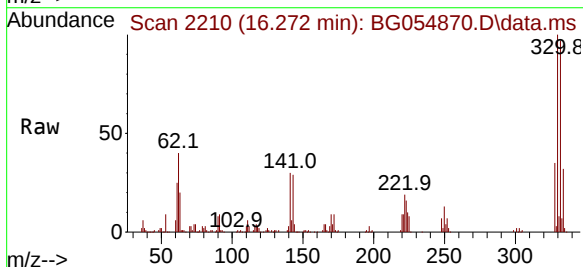
Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

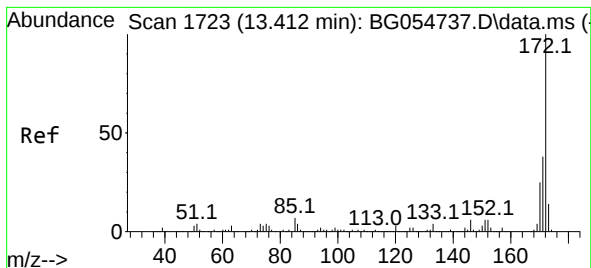
Tgt Ion:164 Resp: 109537
Ion Ratio Lower Upper
164 100
162 100.7 83.0 124.4
160 44.9 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 172.248 ng
RT: 16.272 min Scan# 2210
Delta R.T. -0.001 min
Lab File: BG054870.D
Acq: 7 Sep 2022 15:46

Tgt Ion:330 Resp: 235762
Ion Ratio Lower Upper
330 100
332 97.8 79.8 119.6
141 28.9 26.8 40.2

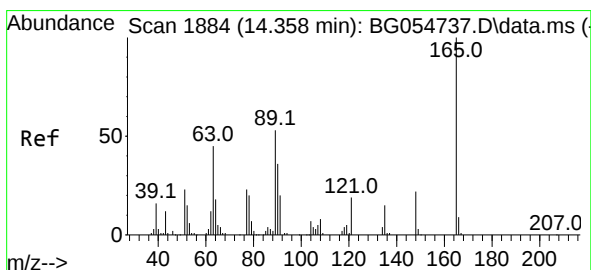
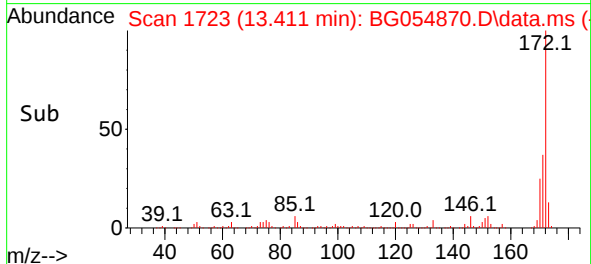
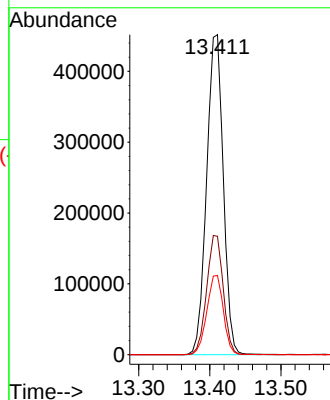
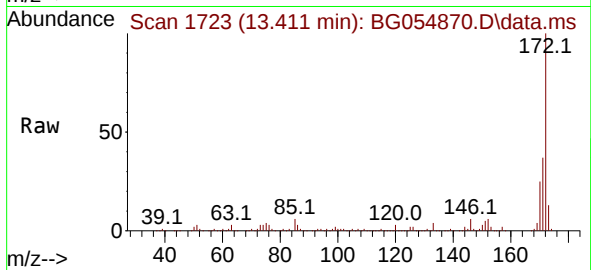




#45
2-Fluorobiphenyl
Concen: 101.081 ng
RT: 13.411 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054870.D
Acq: 7 Sep 2022 15:46

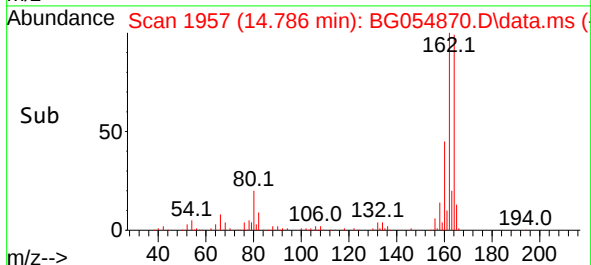
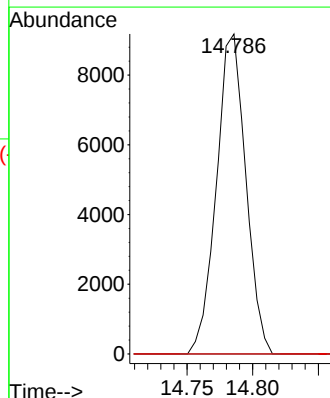
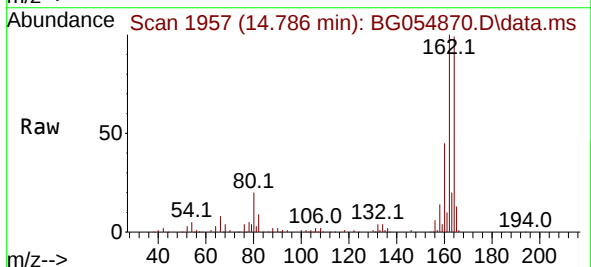
Instrument :
BNA_G
ClientSampleId :
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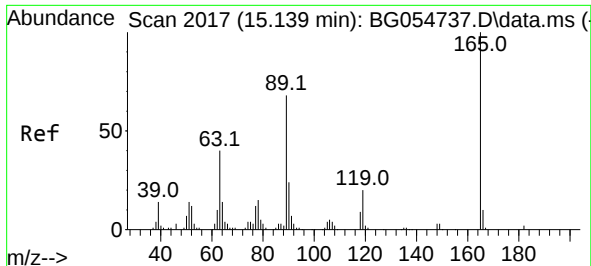
Tgt Ion:172 Resp: 736662
Ion Ratio Lower Upper
172 100
171 37.0 31.2 46.8
170 24.8 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.273 ng
RT: 14.786 min Scan# 1957
Delta R.T. 0.428 min
Lab File: BG054870.D
Acq: 7 Sep 2022 15:46

Tgt Ion:165 Resp: 14280
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#

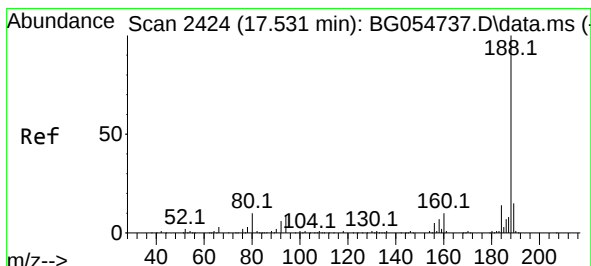
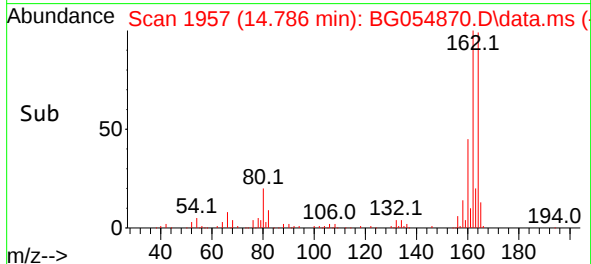
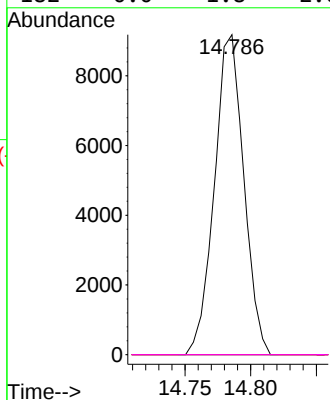
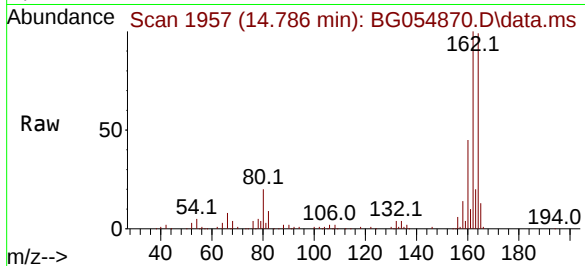




#57
2,4-Dinitrotoluene
Concen: 5.981 ng
RT: 14.786 min Scan# 1957
Delta R.T. -0.354 min
Lab File: BG054870.D
Acq: 7 Sep 2022 15:46

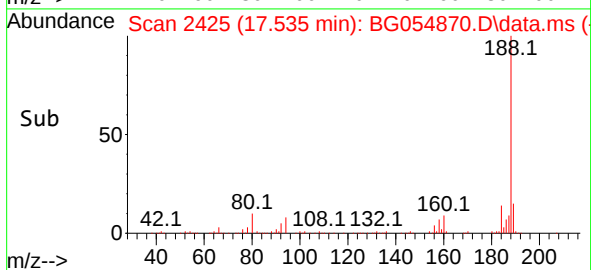
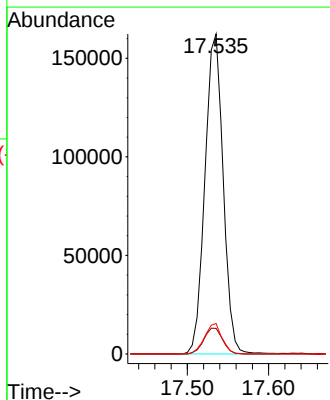
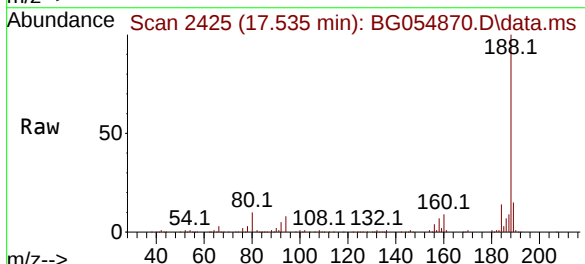
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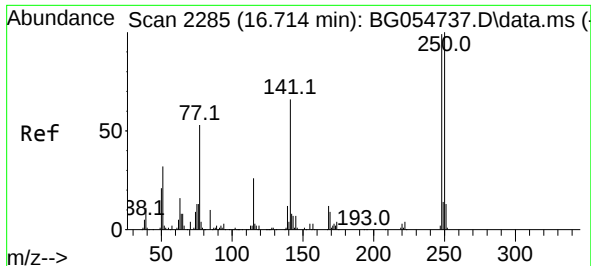
Tgt Ion:165 Resp: 14280
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.535 min Scan# 2425
Delta R.T. 0.005 min
Lab File: BG054870.D
Acq: 7 Sep 2022 15:46

Tgt Ion:188 Resp: 252441
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.4
80 9.5 7.9 11.9

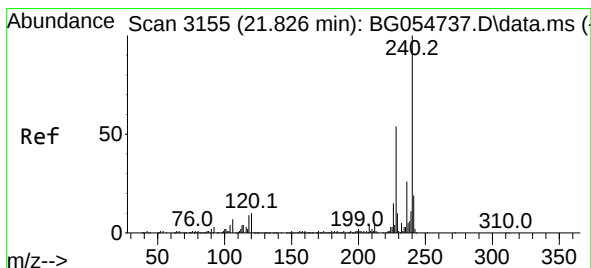
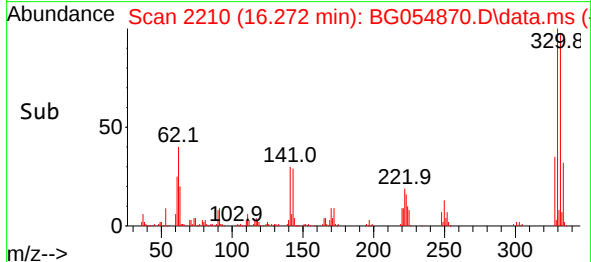
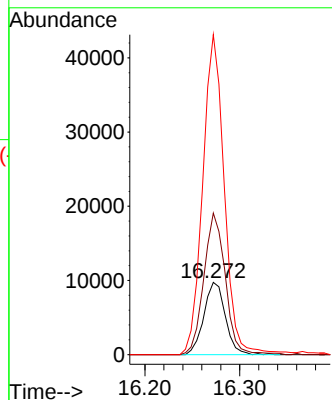
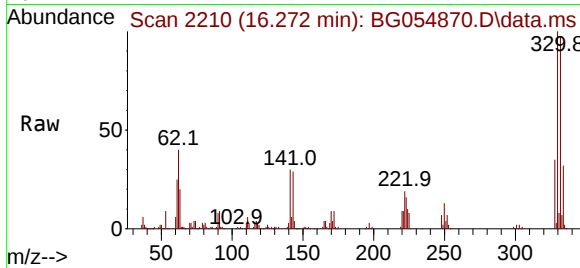




#67
4-Bromophenyl-phenylether
Concen: 5.542 ng
RT: 16.272 min Scan# 211
Delta R.T. -0.442 min
Lab File: BG054870.D
Acq: 7 Sep 2022 15:46

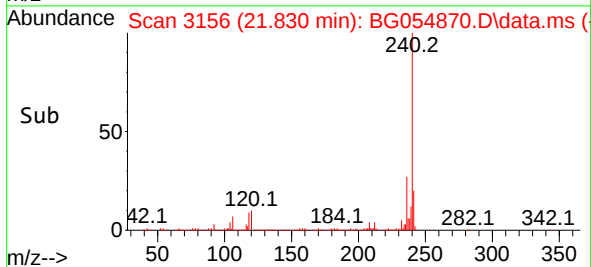
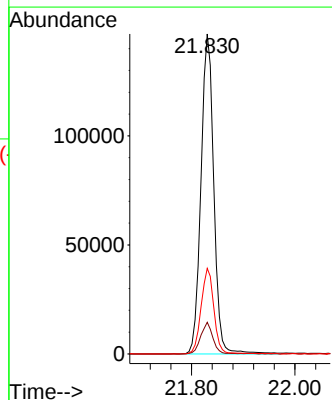
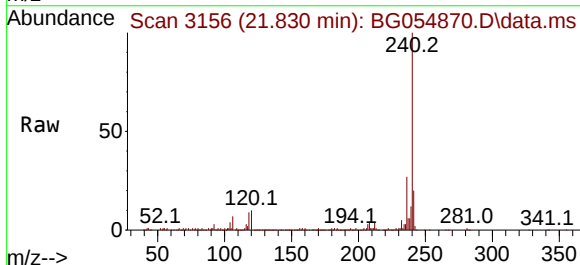
Instrument :
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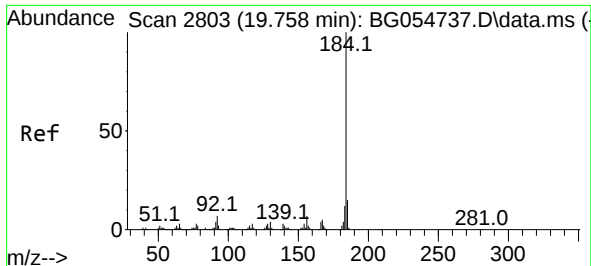
Tgt Ion:248 Resp: 15361
Ion Ratio Lower Upper
248 100
250 196.0 78.8 118.2#
141 442.8 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.830 min Scan# 3156
Delta R.T. 0.005 min
Lab File: BG054870.D
Acq: 7 Sep 2022 15:46

Tgt Ion:240 Resp: 252885
Ion Ratio Lower Upper
240 100
120 9.9 8.2 12.4
236 26.7 21.2 31.8

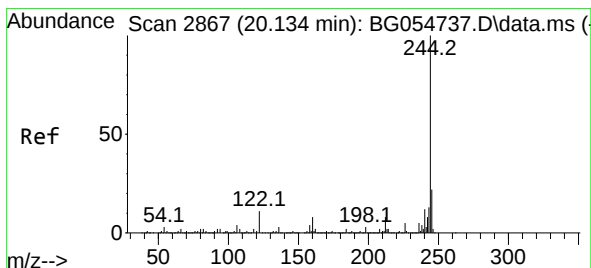
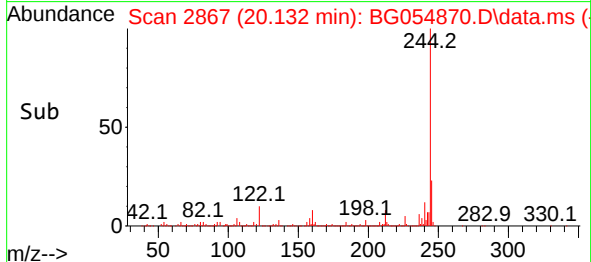
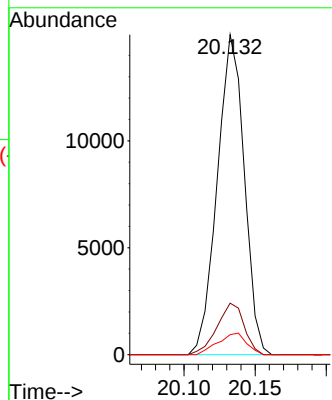
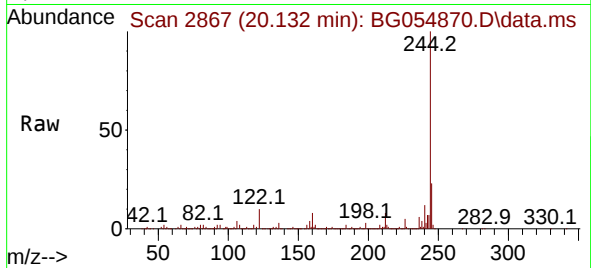




#77
Benzidine
Concen: 3.150 ng
RT: 20.132 min Scan# 2867
Delta R.T. 0.375 min
Lab File: BG054870.D
Acq: 7 Sep 2022 15:46

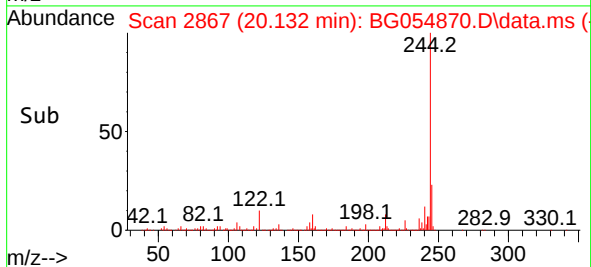
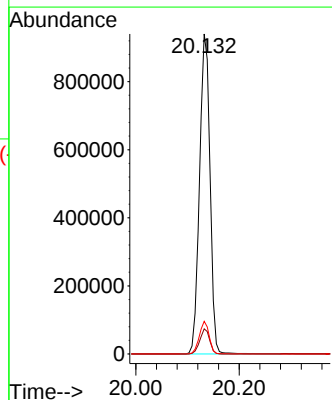
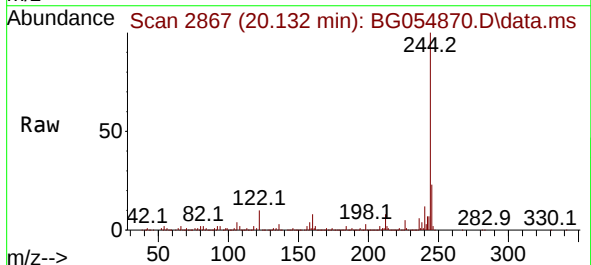
Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

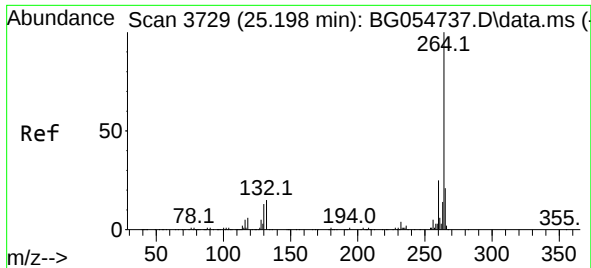
Tgt Ion:184 Resp: 19732
Ion Ratio Lower Upper
184 100
185 16.1 11.4 17.0
183 6.3 9.8 14.8#



#79
Terphenyl-d14
Concen: 103.364 ng
RT: 20.132 min Scan# 2867
Delta R.T. -0.001 min
Lab File: BG054870.D
Acq: 7 Sep 2022 15:46

Tgt Ion:244 Resp: 1319233
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 10.2 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.215 min Scan# 31
 Delta R.T. 0.016 min
 Lab File: BG054870.D
 Acq: 7 Sep 2022 15:46

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMP

Tgt Ion:264 Resp: 269895
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.9 29.9
 265 21.6 16.9 25.3

