

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
 Data File : BG054702.D
 Acq On : 23 Aug 2022 11:11
 Operator : CG/JU
 Sample : N4224-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP3-0816

Quant Time: Aug 23 12:11:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 03:09:46 2022
 Response via : Initial Calibration

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

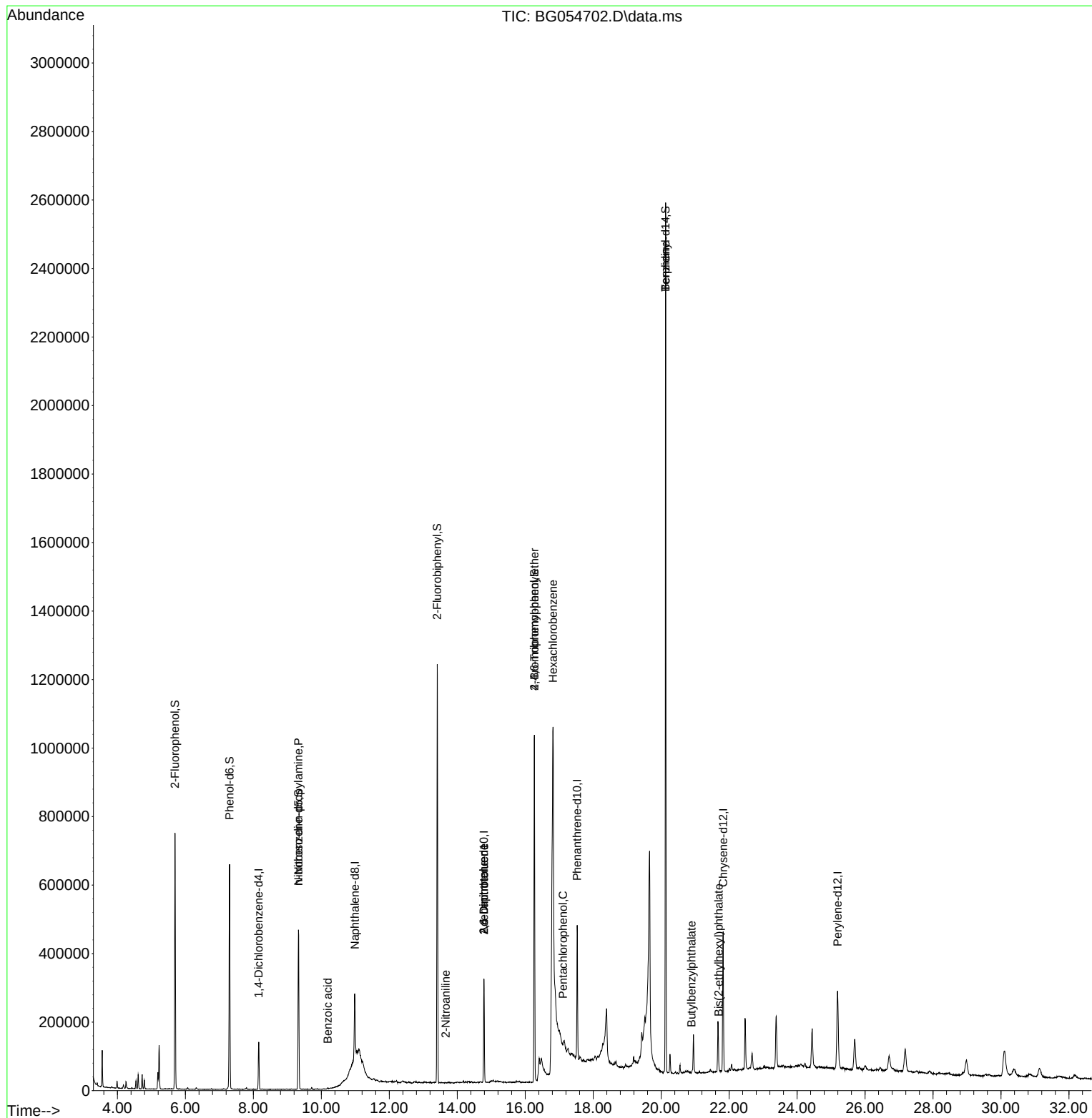
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.159	152	40908	20.000	ng	0.00
21) Naphthalene-d8	10.985	136	155855	20.000	ng	0.00
39) Acenaphthene-d10	14.786	164	105897	20.000	ng	0.00
64) Phenanthrene-d10	17.530	188	247069	20.000	ng	0.00
76) Chrysene-d12	21.825	240	253415	20.000	ng	0.00
86) Perylene-d12	25.192	264	236844	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	328817	151.469	ng	0.00
7) Phenol-d6	7.301	99	395001	129.857	ng	0.00
23) Nitrobenzene-d5	9.328	82	289000	105.674	ng	0.00
42) 2,4,6-Tribromophenol	16.273	330	201530	237.634	ng	0.00
45) 2-Fluorobiphenyl	13.411	172	643401	89.599	ng	0.00
79) Terphenyl-d14	20.133	244	1203898	94.371	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.328	70	36101	16.869	ng	# 80
32) Benzoic acid	10.192	122	940	4.227	ng	# 86
48) 2-Nitroaniline	13.664	65	55	3.601	ng	# 5
51) 2,6-Dinitrotoluene	14.786	165	13785	10.629	ng	# 23
57) 2,4-Dinitrotoluene	14.786	165	13785	10.773	ng	# 21
67) 4-Bromophenyl-phenylether	16.273	248	13176	5.540	ng	# 1
68) Hexachlorobenzene	16.819	284	37054	12.348	ng	# 47
70) Pentachlorophenol	17.113	266	110	7.184	ng	# 1
77) Benzidine	20.133	184	19793	3.597	ng	# 89
80) Butylbenzylphthalate	20.897	149	569	5.239	ng	# 32
84) Bis(2-ethylhexyl)phtha...	21.696	149	1472	4.353	ng	# 77

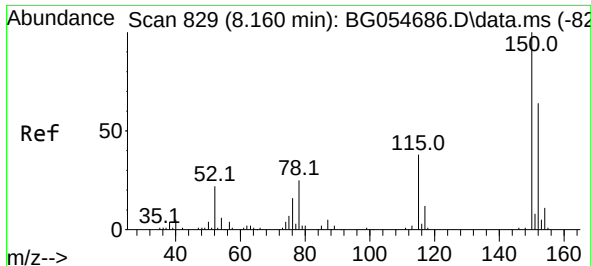
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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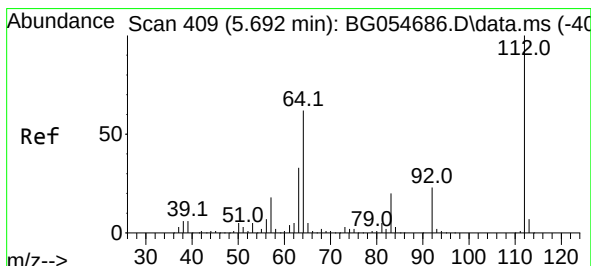
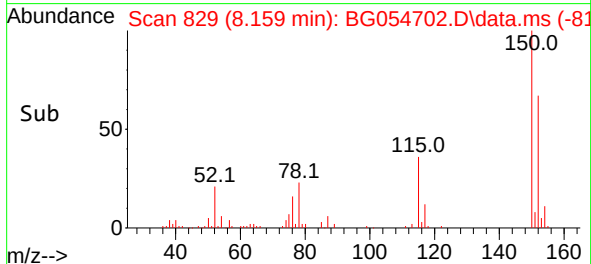
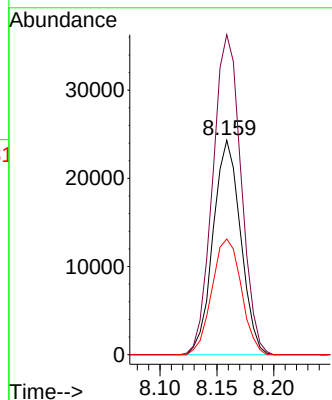
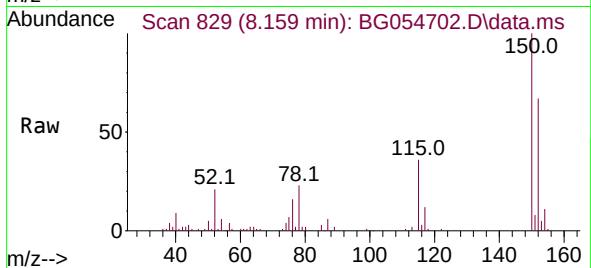




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.159 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG054702.D
Acq: 23 Aug 2022 11:11

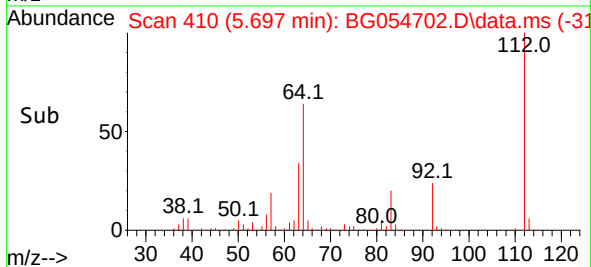
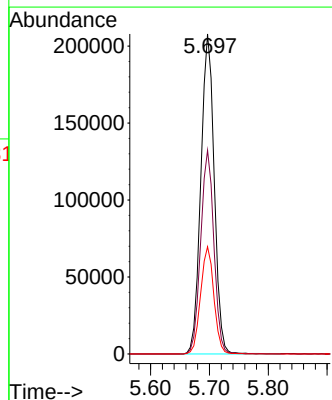
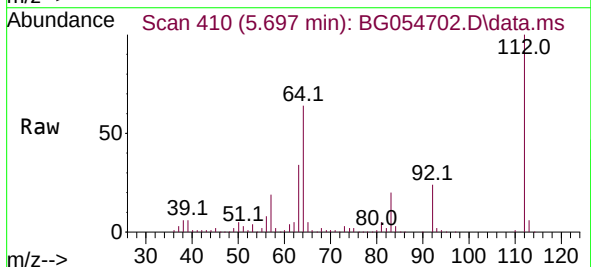
Instrument :
BNA_G
ClientSampleId :
TP3-0816

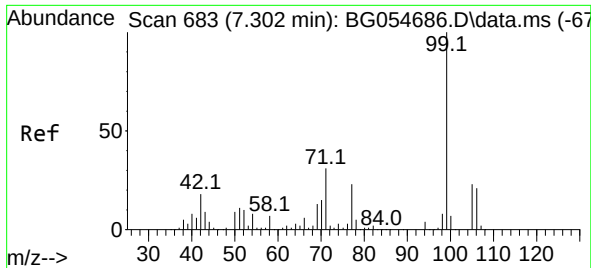
Tgt Ion:152 Resp: 40908
Ion Ratio Lower Upper
152 100
150 149.3 125.2 187.8
115 53.9 47.9 71.9



#5
2-Fluorophenol
Concen: 151.469 ng
RT: 5.697 min Scan# 410
Delta R.T. 0.005 min
Lab File: BG054702.D
Acq: 23 Aug 2022 11:11

Tgt Ion:112 Resp: 328817
Ion Ratio Lower Upper
112 100
64 63.6 49.3 73.9
63 33.5 26.3 39.5

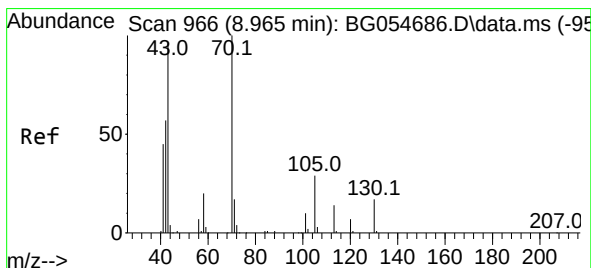
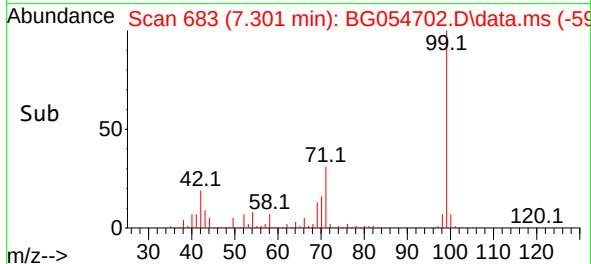
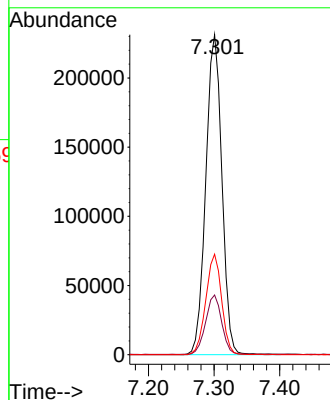
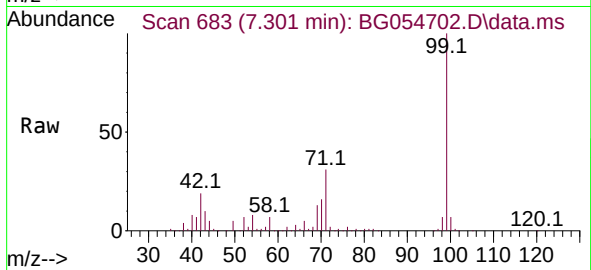




#7
Phenol-d6
Concen: 129.857 ng
RT: 7.301 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG054702.D
Acq: 23 Aug 2022 11:11

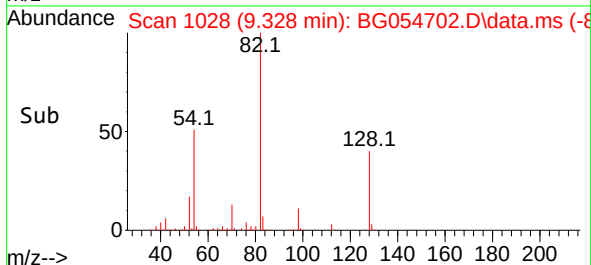
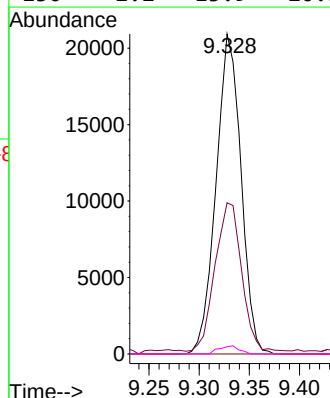
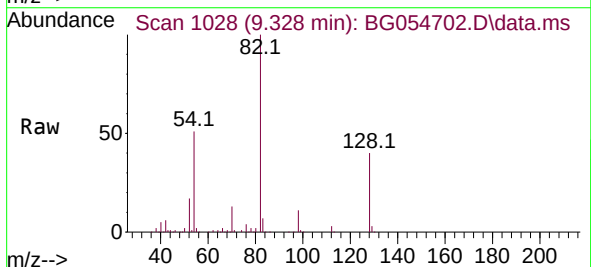
Instrument :
BNA_G
ClientSampleId :
TP3-0816

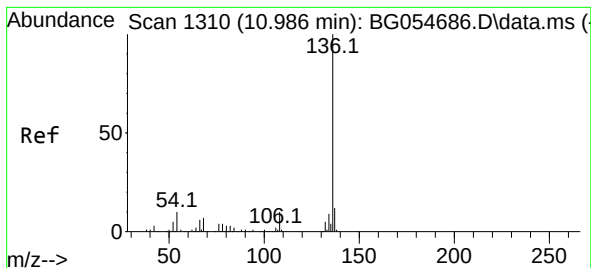
Tgt Ion: 99 Resp: 395001
Ion Ratio Lower Upper
99 100
42 18.7 14.6 22.0
71 31.4 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.869 ng
RT: 9.328 min Scan# 1028
Delta R.T. 0.363 min
Lab File: BG054702.D
Acq: 23 Aug 2022 11:11

Tgt Ion: 70 Resp: 36101
Ion Ratio Lower Upper
70 100
42 47.3 46.6 69.8
101 0.0 7.7 11.5#
130 2.2 13.9 20.9#

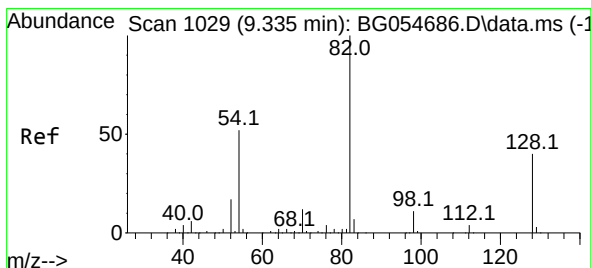
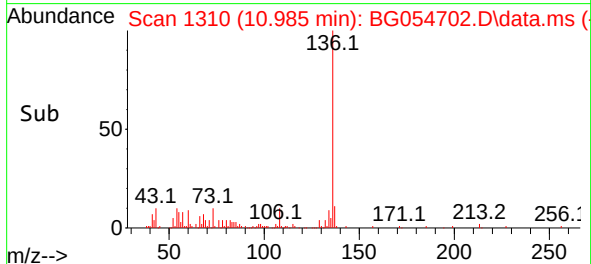
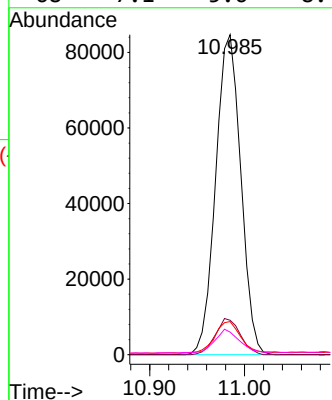
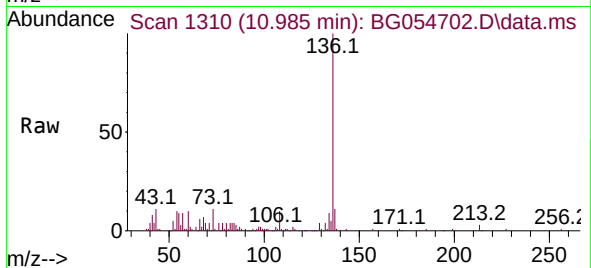




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.985 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG054702.D
Acq: 23 Aug 2022 11:11

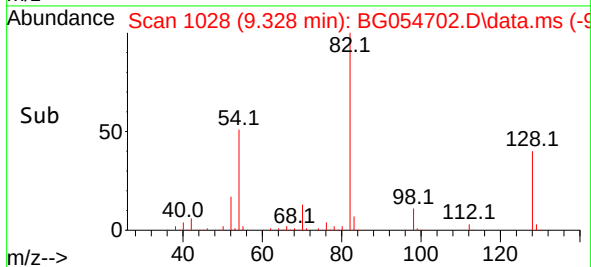
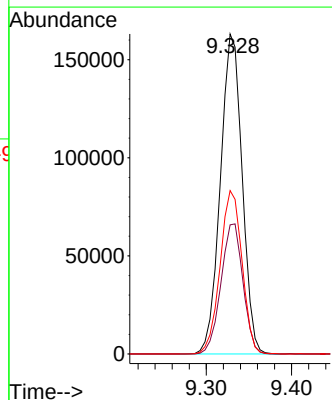
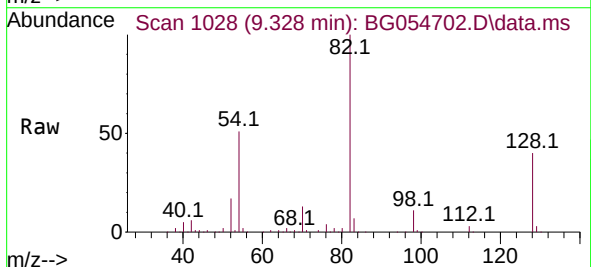
Instrument :
BNA_G
ClientSampleId :
TP3-0816

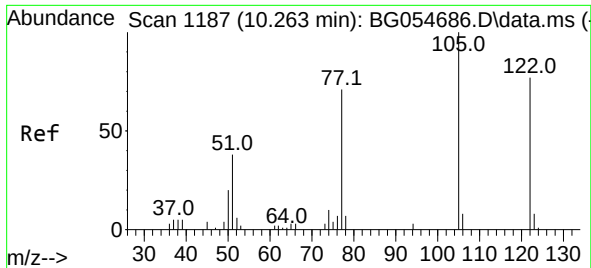
Tgt Ion:	136	Resp:	155855
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	10.4	7.7	11.5
68	7.1	5.6	8.4



#23
Nitrobenzene-d5
Concen: 105.674 ng
RT: 9.328 min Scan# 1028
Delta R.T. -0.007 min
Lab File: BG054702.D
Acq: 23 Aug 2022 11:11

Tgt Ion:	82	Resp:	289000
Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.2	48.2
54	51.1	41.4	62.0

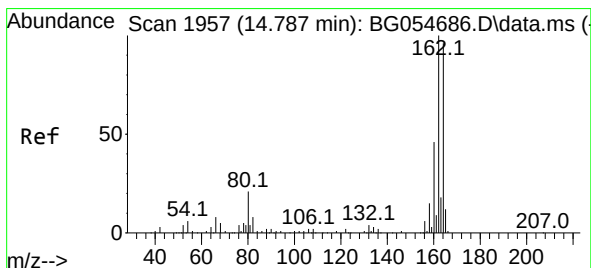
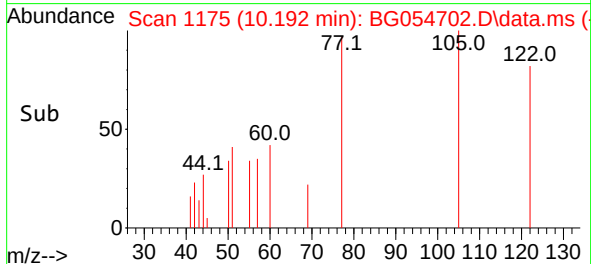
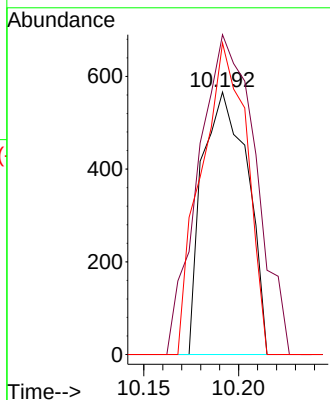
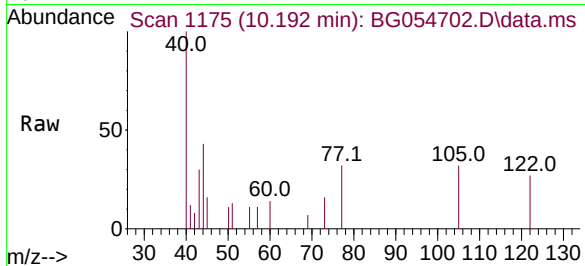




#32
Benzoic acid
Concen: 4.227 ng
RT: 10.192 min Scan# 1187
Delta R.T. -0.072 min
Lab File: BG054702.D
Acq: 23 Aug 2022 11:11

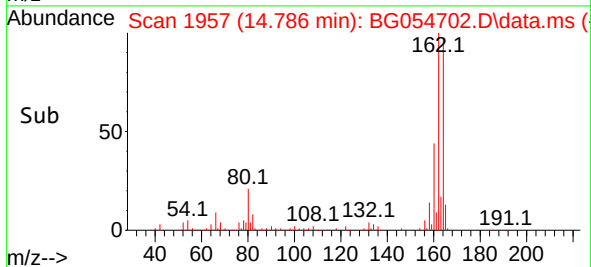
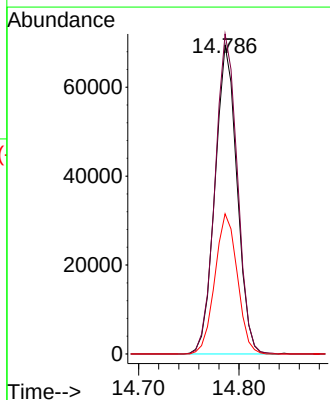
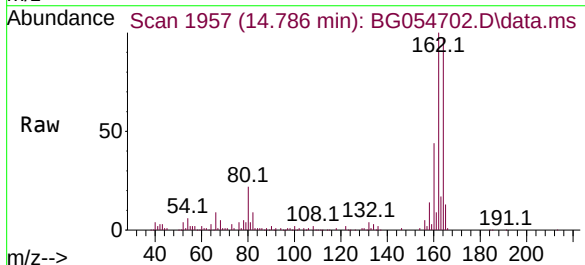
Instrument :
BNA_G
ClientSampleId :
TP3-0816

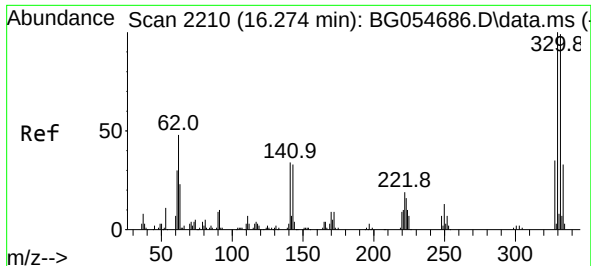
Tgt Ion:122 Resp: 940
Ion Ratio Lower Upper
122 100
105 121.9 101.5 141.5
77 118.7 69.3 109.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.786 min Scan# 1957
Delta R.T. -0.001 min
Lab File: BG054702.D
Acq: 23 Aug 2022 11:11

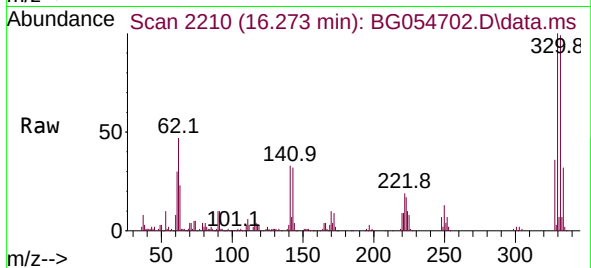
Tgt Ion:164 Resp: 105897
Ion Ratio Lower Upper
164 100
162 103.6 83.0 124.4
160 45.4 38.0 57.0



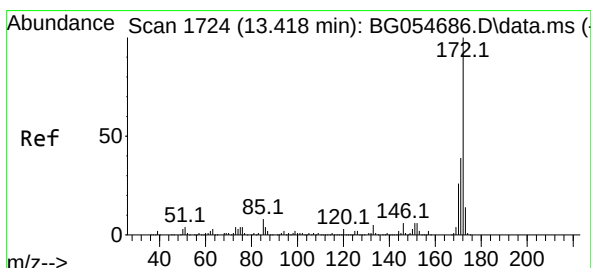
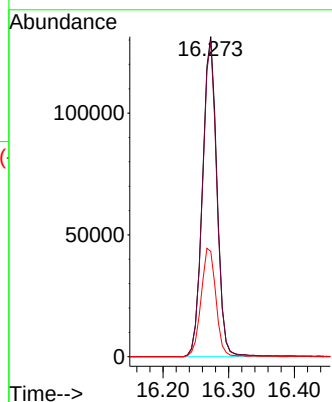
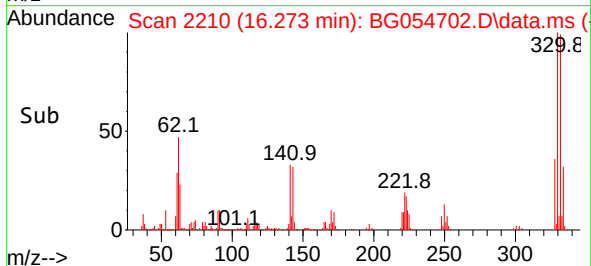


#42
2,4,6-Tribromophenol
Concen: 237.634 ng
RT: 16.273 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG054702.D
Acq: 23 Aug 2022 11:11

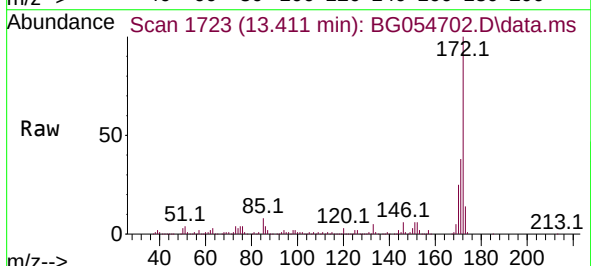
Instrument :
BNA_G
ClientSampleId :
TP3-0816



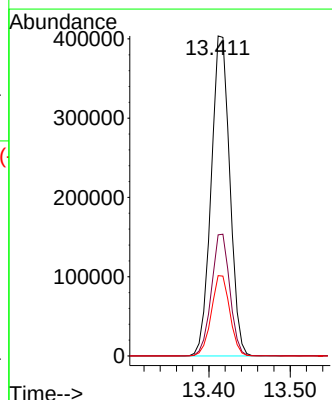
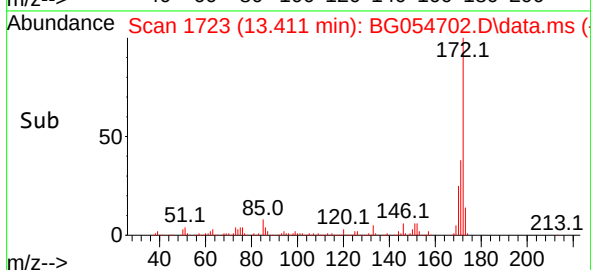
Tgt Ion:330 Resp: 201530
Ion Ratio Lower Upper
330 100
332 98.0 79.8 119.6
141 35.0 26.8 40.2

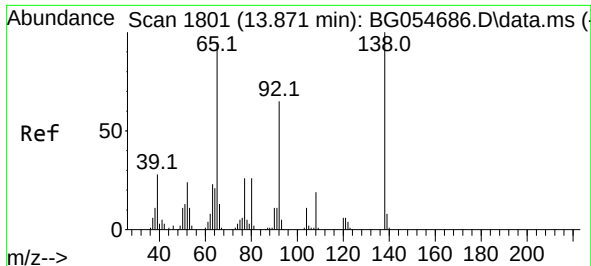


#45
2-Fluorobiphenyl
Concen: 89.599 ng
RT: 13.411 min Scan# 1723
Delta R.T. -0.007 min
Lab File: BG054702.D
Acq: 23 Aug 2022 11:11



Tgt Ion:172 Resp: 643401
Ion Ratio Lower Upper
172 100
171 37.9 31.2 46.8
170 25.1 20.6 30.8

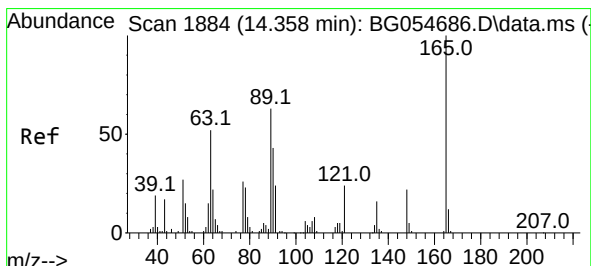
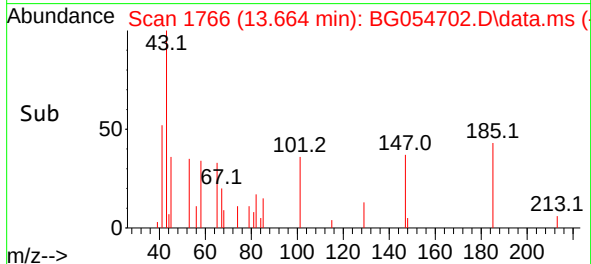
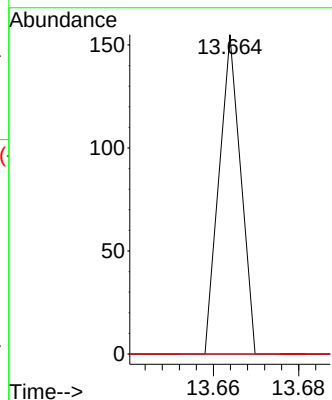
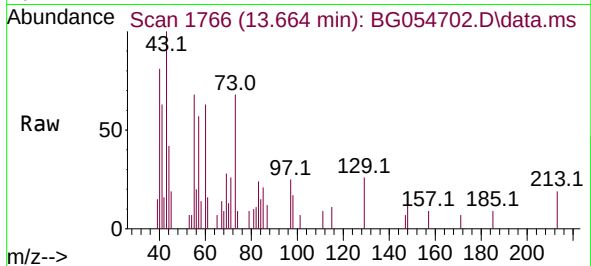




#48
2-Nitroaniline
Concen: 3.601 ng
RT: 13.664 min Scan# 11
Delta R.T. -0.207 min
Lab File: BG054702.D
Acq: 23 Aug 2022 11:11

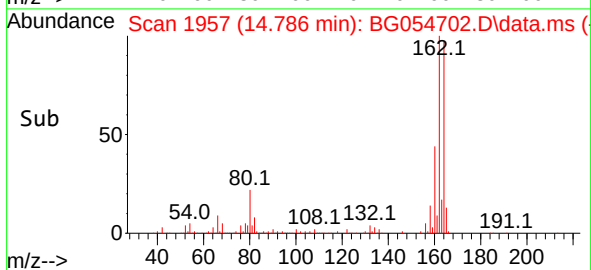
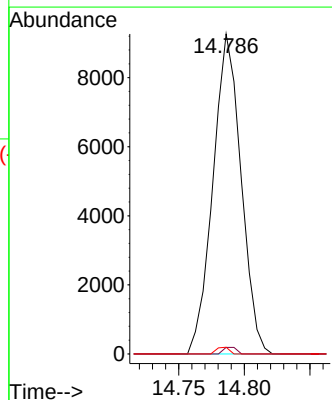
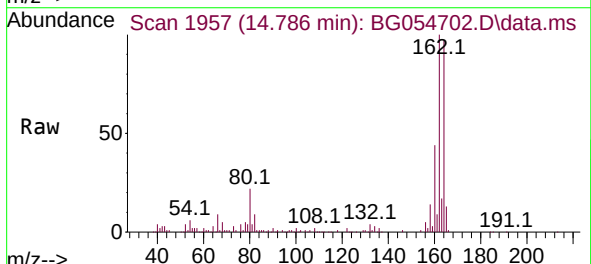
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BNA_G
ClientSampleId :
TP3-0816

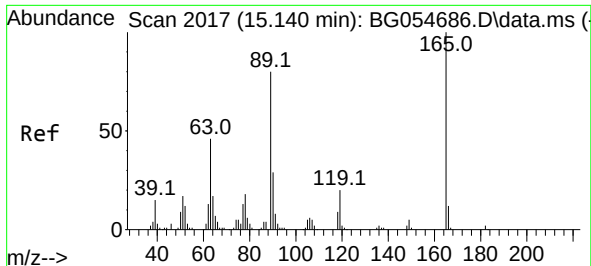
Tgt Ion: 65 Resp: 55
Ion Ratio Lower Upper
65 100
92 0.0 54.7 82.1#
138 0.0 84.1 126.1#



#51
2,6-Dinitrotoluene
Concen: 10.629 ng
RT: 14.786 min Scan# 1957
Delta R.T. 0.428 min
Lab File: BG054702.D
Acq: 23 Aug 2022 11:11

Tgt Ion:165 Resp: 13785
Ion Ratio Lower Upper
165 100
63 2.1 46.0 69.0#
89 2.1 50.3 75.5#

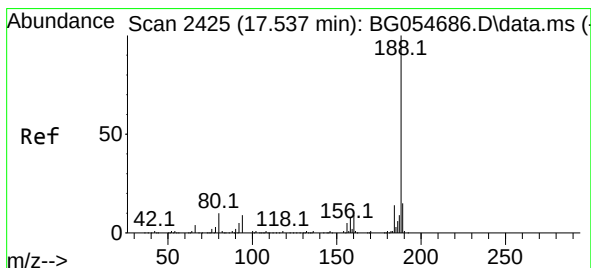
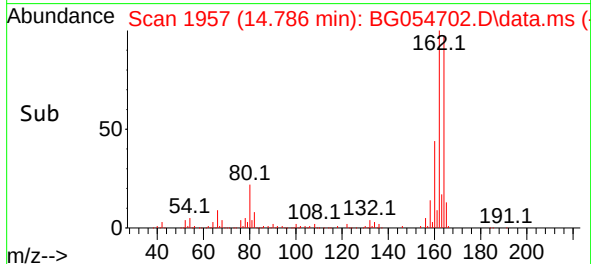
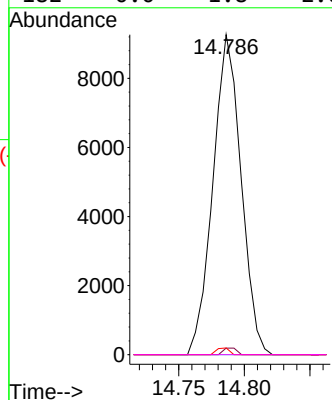
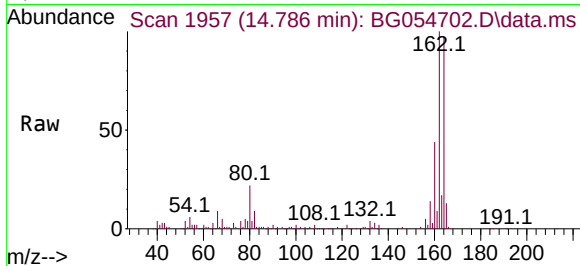




#57
2,4-Dinitrotoluene
Concen: 10.773 ng
RT: 14.786 min Scan# 1957
Delta R.T. -0.354 min
Lab File: BG054702.D
Acq: 23 Aug 2022 11:11

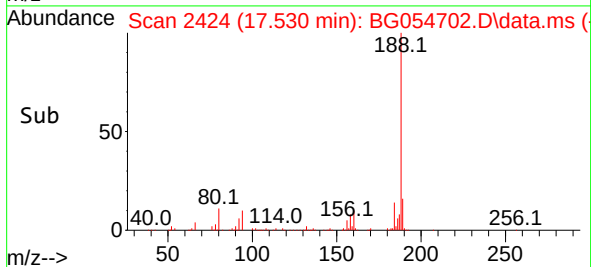
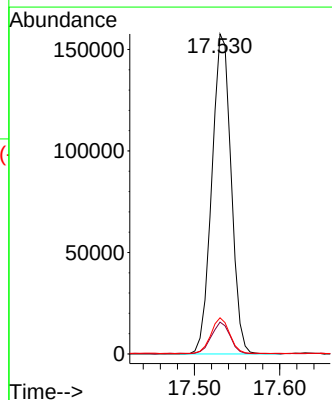
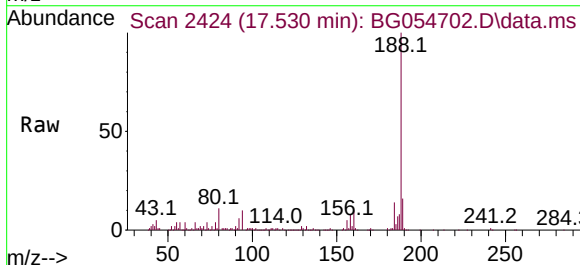
Instrument :
BNA_G
ClientSampleId :
TP3-0816

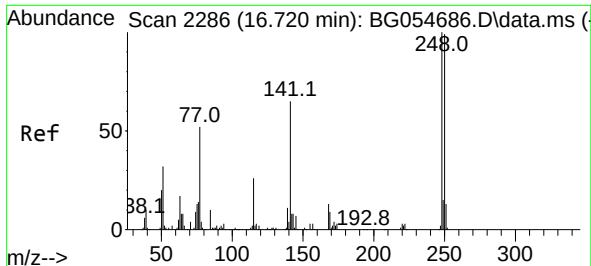
Tgt Ion:165 Resp: 13785
Ion Ratio Lower Upper
165 100
63 2.1 36.8 55.2#
89 2.1 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.530 min Scan# 2424
Delta R.T. -0.007 min
Lab File: BG054702.D
Acq: 23 Aug 2022 11:11

Tgt Ion:188 Resp: 247069
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.4
80 11.3 7.9 11.9

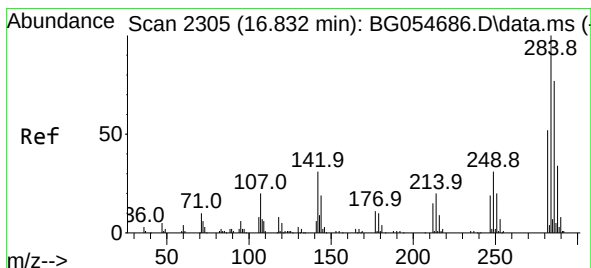
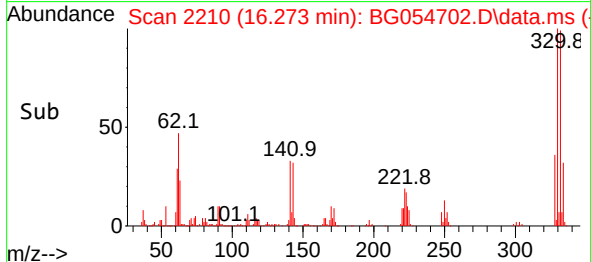
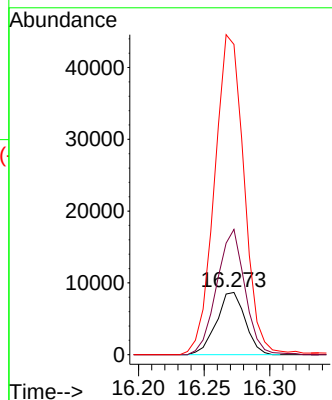
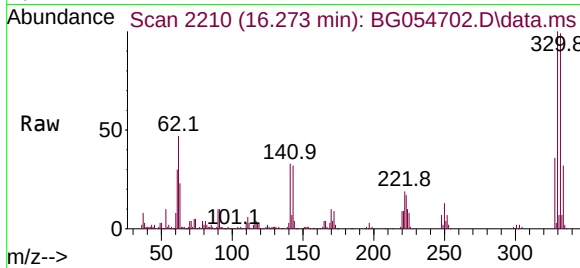




#67
4-Bromophenyl-phenylether
Concen: 5.540 ng
RT: 16.273 min Scan# 211
Delta R.T. -0.448 min
Lab File: BG054702.D
Acq: 23 Aug 2022 11:11

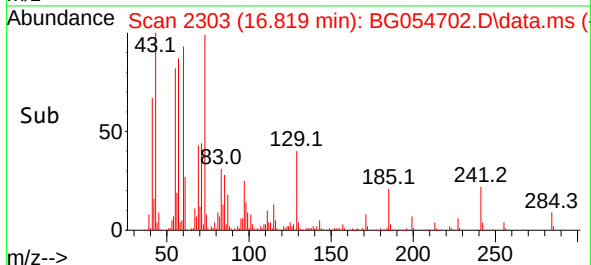
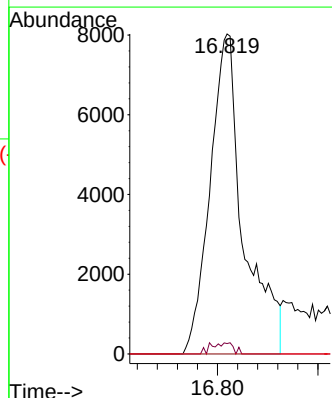
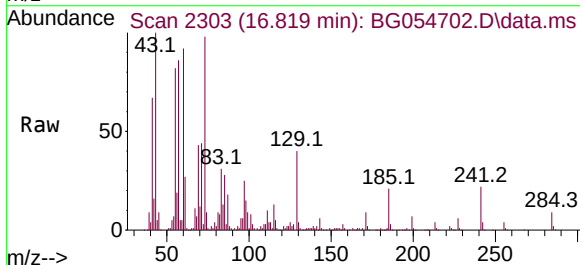
Instrument :
BNA_G
ClientSampleId :
TP3-0816

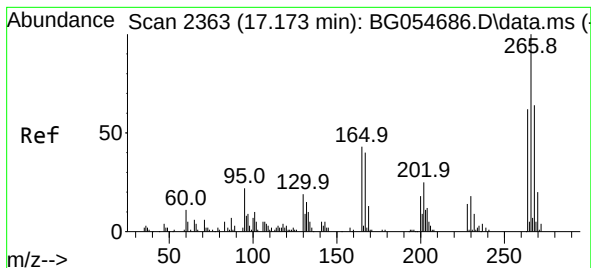
Tgt Ion:248 Resp: 13176
Ion Ratio Lower Upper
248 100
250 201.1 78.8 118.2#
141 497.7 51.9 77.9#



#68
Hexachlorobenzene
Concen: 12.348 ng
RT: 16.819 min Scan# 2303
Delta R.T. -0.013 min
Lab File: BG054702.D
Acq: 23 Aug 2022 11:11

Tgt Ion:284 Resp: 37054
Ion Ratio Lower Upper
284 100
142 3.3 25.0 37.6#
249 0.0 24.5 36.7#





#70

Pentachlorophenol

Concen: 7.184 ng

RT: 17.113 min Scan# 21

Delta R.T. -0.060 min

Lab File: BG054702.D

Acq: 23 Aug 2022 11:11

Instrument :

BNA_G

ClientSampleId :

TP3-0816

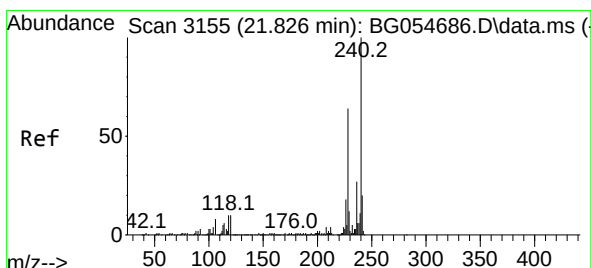
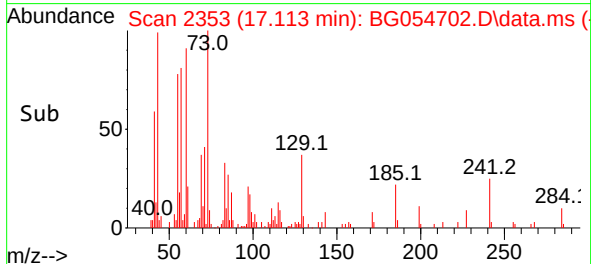
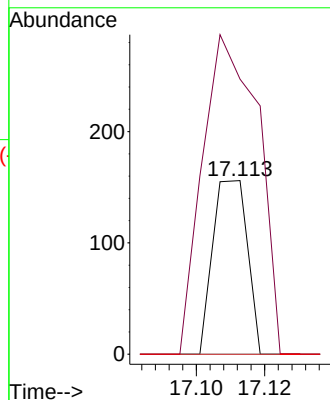
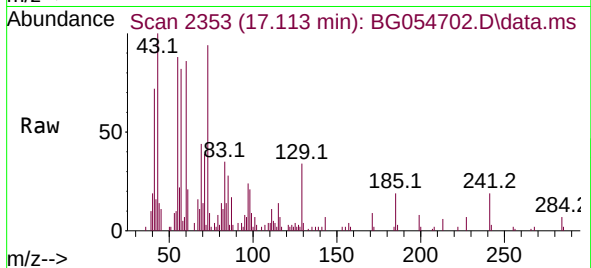
Tgt Ion:266 Resp: 110

Ion Ratio Lower Upper

266 100

268 158.3 51.2 76.8#

264 0.0 49.4 74.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.825 min Scan# 3155

Delta R.T. -0.001 min

Lab File: BG054702.D

Acq: 23 Aug 2022 11:11

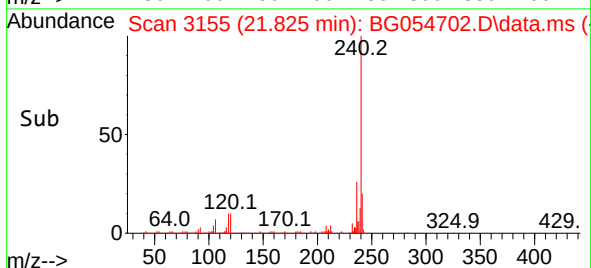
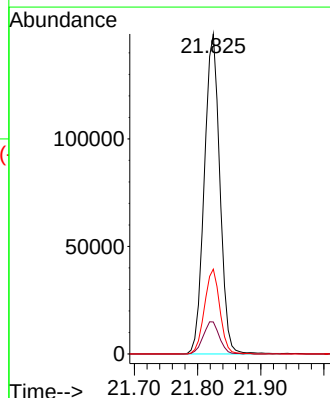
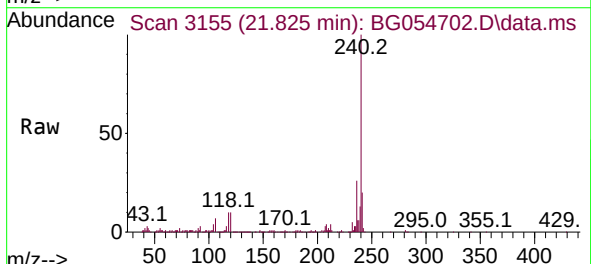
Tgt Ion:240 Resp: 253415

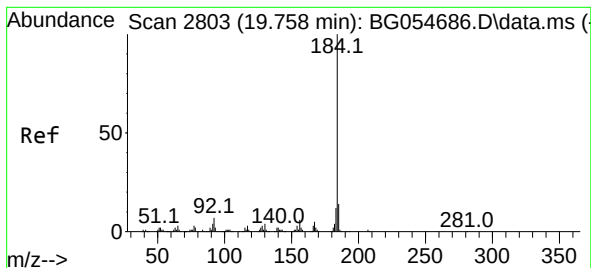
Ion Ratio Lower Upper

240 100

120 10.0 8.2 12.4

236 26.5 21.2 31.8





#77

Benzidine

Concen: 3.597 ng

RT: 20.133 min Scan# 2867

Delta R.T. 0.375 min

Lab File: BG054702.D

Acq: 23 Aug 2022 11:11

Instrument :

BNA_G

ClientSampleId :

TP3-0816

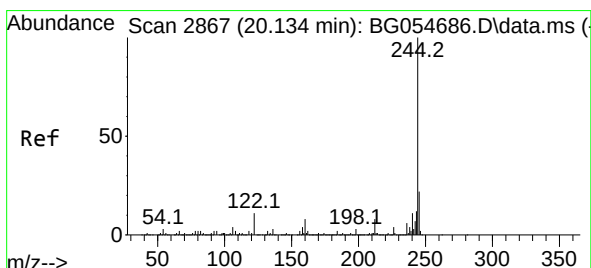
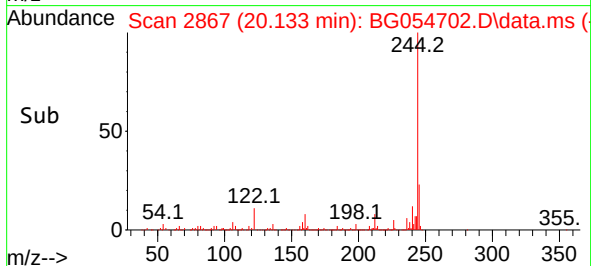
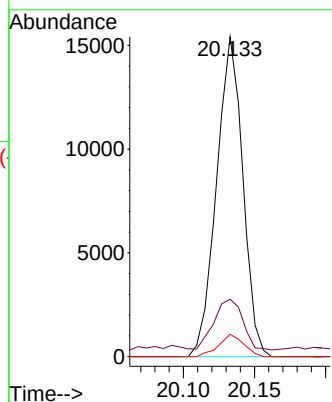
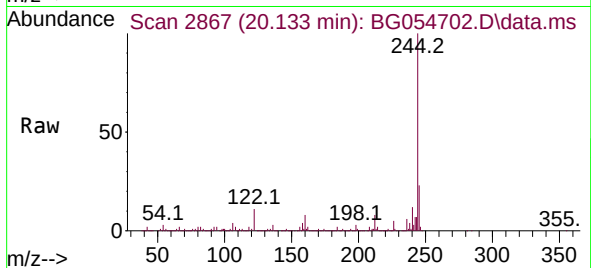
Tgt Ion:184 Resp: 19793

Ion Ratio Lower Upper

184 100

185 17.9 11.4 17.0#

183 7.0 9.8 14.8#



#79

Terphenyl-d14

Concen: 94.371 ng

RT: 20.133 min Scan# 2867

Delta R.T. -0.001 min

Lab File: BG054702.D

Acq: 23 Aug 2022 11:11

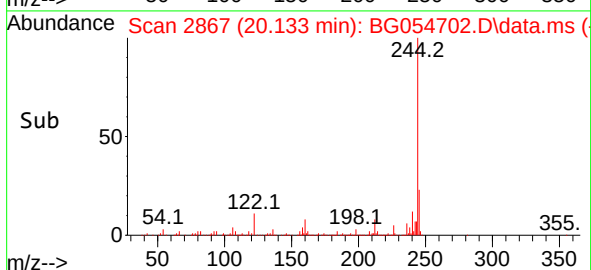
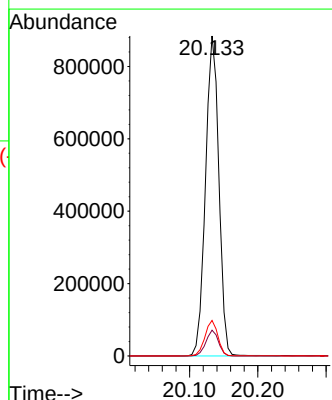
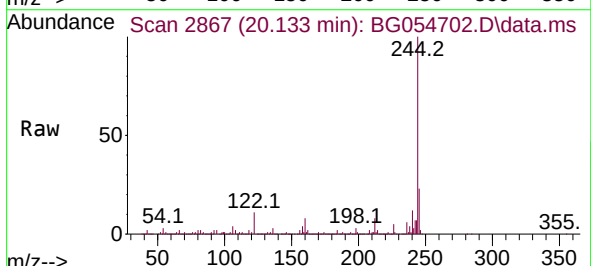
Tgt Ion:244 Resp: 1203898

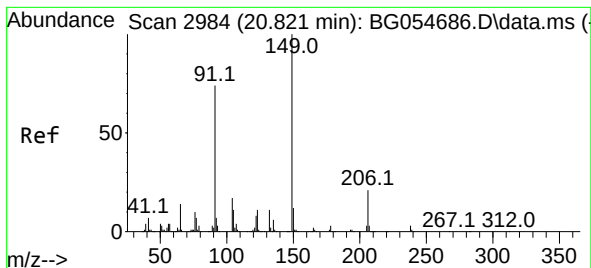
Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

122 11.1 9.0 13.6





#80

Butylbenzylphthalate

Concen: 5.239 ng

RT: 20.897 min Scan# 2997

Delta R.T. 0.076 min

Lab File: BG054702.D

Acq: 23 Aug 2022 11:11

Instrument :

BNA_G

ClientSampleId :

TP3-0816

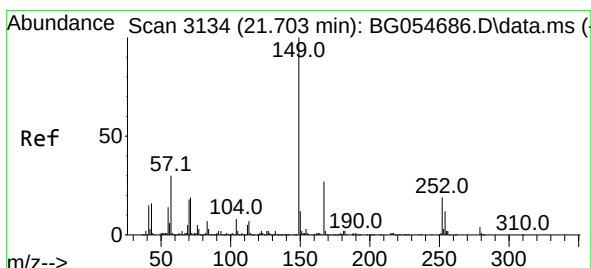
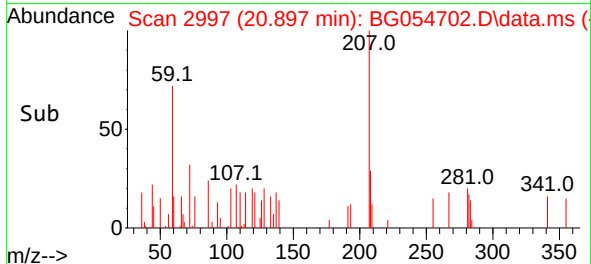
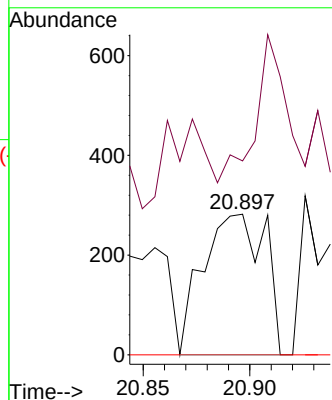
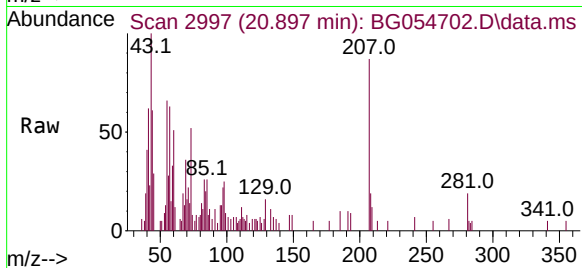
Tgt Ion:149 Resp: 569

Ion Ratio Lower Upper

149 100

91 137.9 59.5 89.3#

206 0.0 16.6 25.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.353 ng

RT: 21.696 min Scan# 3133

Delta R.T. -0.007 min

Lab File: BG054702.D

Acq: 23 Aug 2022 11:11

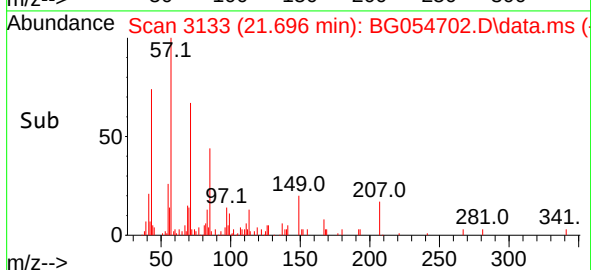
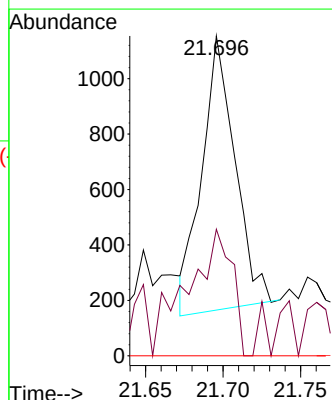
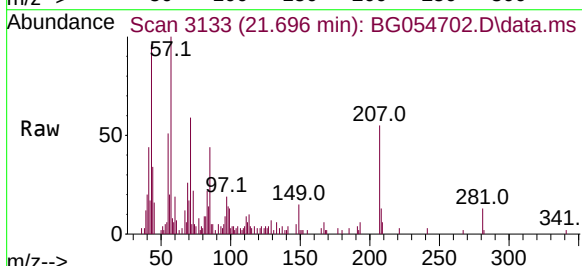
Tgt Ion:149 Resp: 1472

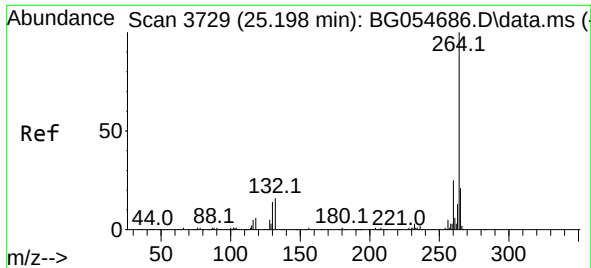
Ion Ratio Lower Upper

149 100

167 39.6 21.4 32.0#

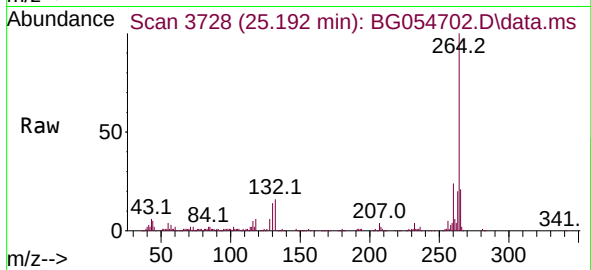
279 0.0 3.1 4.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.192 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG054702.D
Acq: 23 Aug 2022 11:11

Instrument :
BNA_G
ClientSampleId :
TP3-0816



Tgt Ion:264 Resp: 236844

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.9	29.9
265	20.5	16.9	25.3

