

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011724\
 Data File : BG060344.D
 Acq On : 17 Jan 2024 15:47
 Operator : MA/JU
 Sample : P1150-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MR-306-25-27

Quant Time: Jan 17 16:30:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

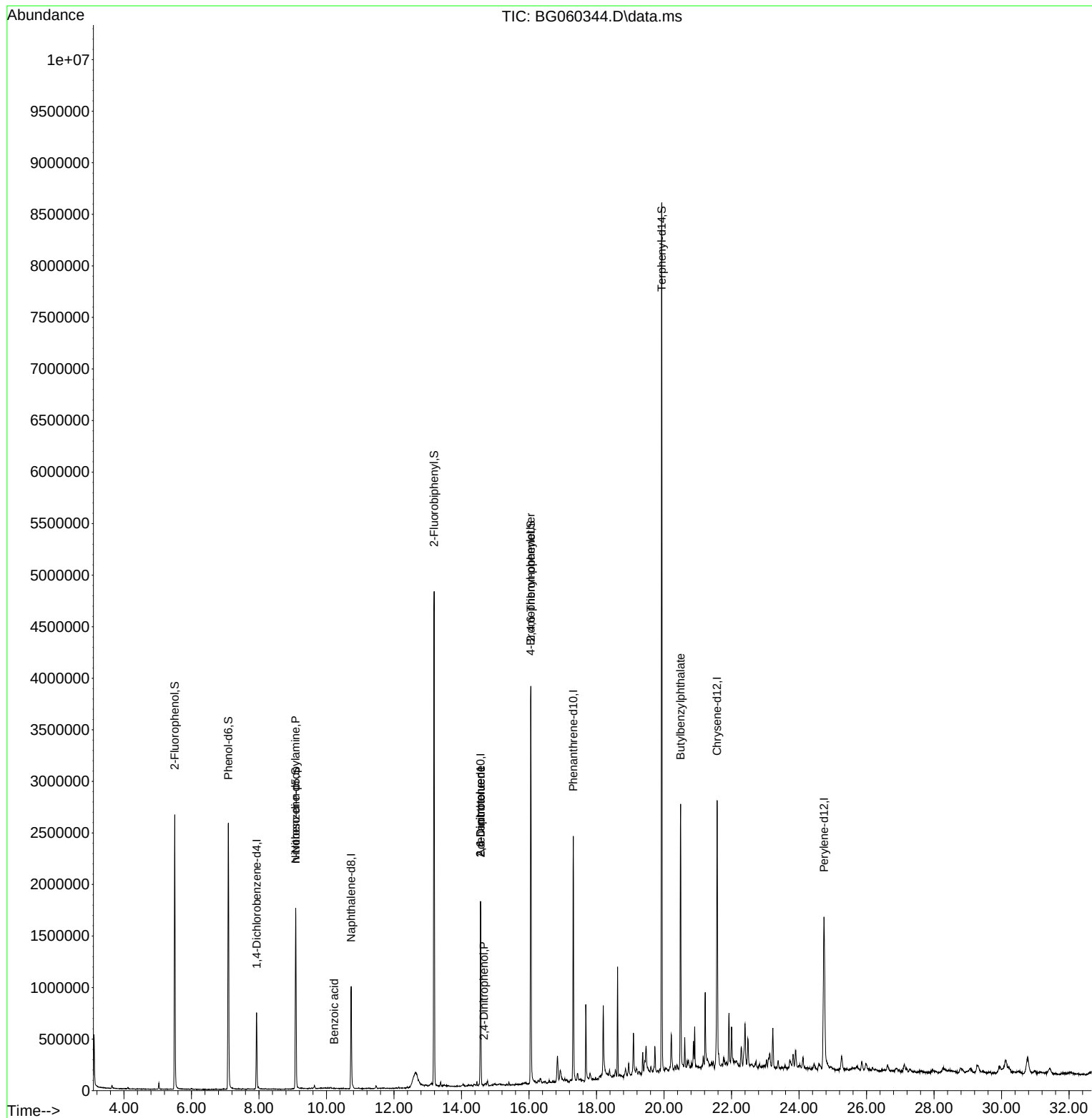
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	228502	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	880049	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	621176	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	1593254	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1598022	20.000	ng	0.00
86) Perylene-d12	24.738	264	1846505	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	1271969	91.558	ng	0.00
7) Phenol-d6	7.089	99	1847593	89.813	ng	0.00
23) Nitrobenzene-d5	9.086	82	1206509	64.737	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	905566	99.085	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	2704432	60.531	ng	0.00
79) Terphenyl-d14	19.932	244	4275332	60.497	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.086	70	142372	10.000	ng	# 87
32) Benzoic acid	10.226	122	171	10.217	ng	88
51) 2,6-Dinitrotoluene	14.562	165	87465	8.635	ng	# 34
54) 2,4-Dinitrophenol	14.662	184	54	8.594	ng	# 1
57) 2,4-Dinitrotoluene	14.562	165	87465	6.297	ng	# 26
67) 4-Bromophenyl-phenylether	16.049	248	54452	3.110	ng	# 1
80) Butylbenzylphthalate	20.491	149	1244090	35.435	ng	# 21

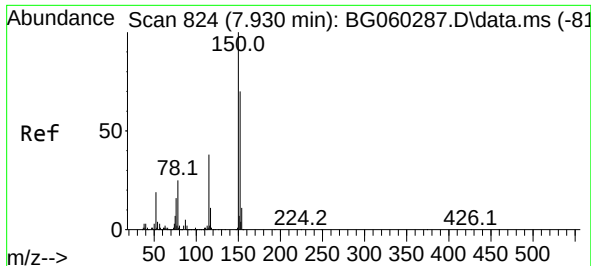
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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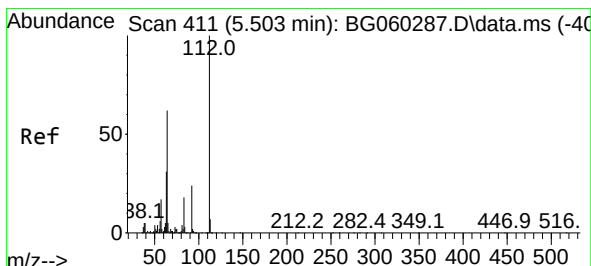
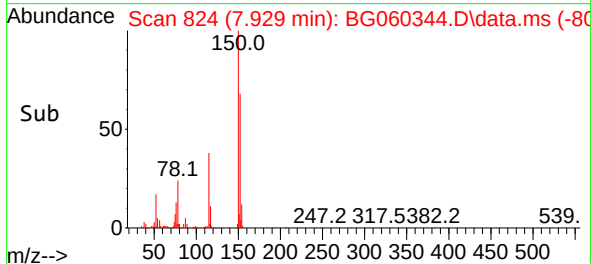
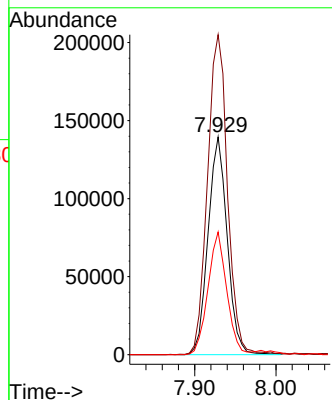
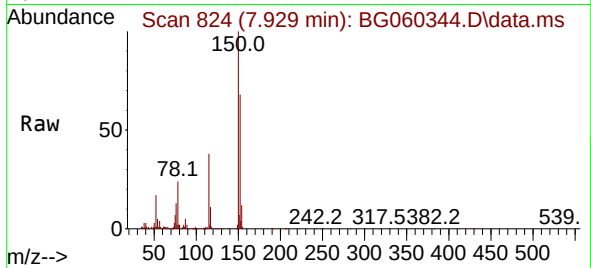




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060344.D
Acq: 17 Jan 2024 15:47

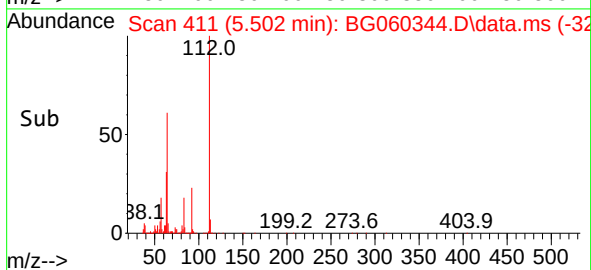
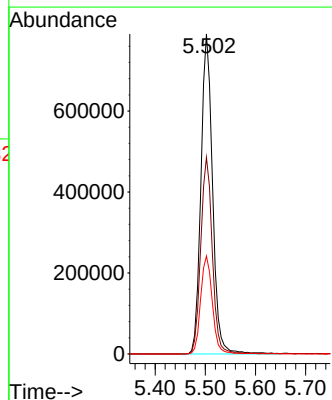
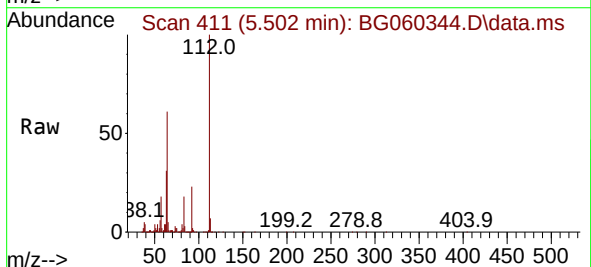
Instrument :
BNA_G
ClientSampleId :
MR-306-25-27

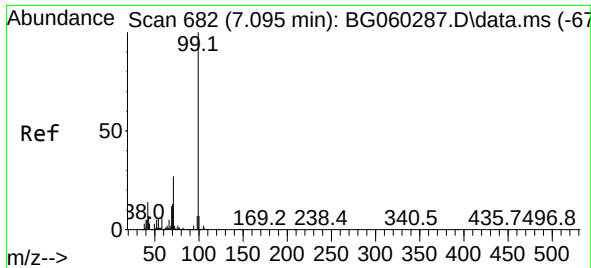
Tgt Ion:152 Resp: 228502
Ion Ratio Lower Upper
152 100
150 147.0 114.5 171.7
115 56.3 43.0 64.6



#5
2-Fluorophenol
Concen: 91.558 ng
RT: 5.502 min Scan# 411
Delta R.T. -0.001 min
Lab File: BG060344.D
Acq: 17 Jan 2024 15:47

Tgt Ion:112 Resp: 1271969
Ion Ratio Lower Upper
112 100
64 61.5 49.8 74.6
63 30.6 24.4 36.6

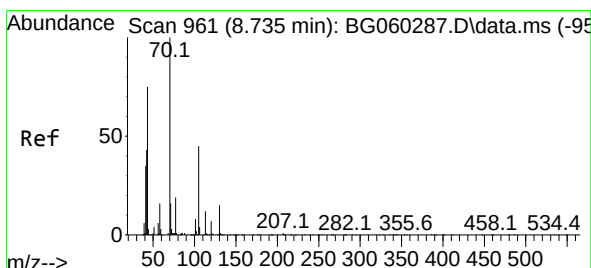
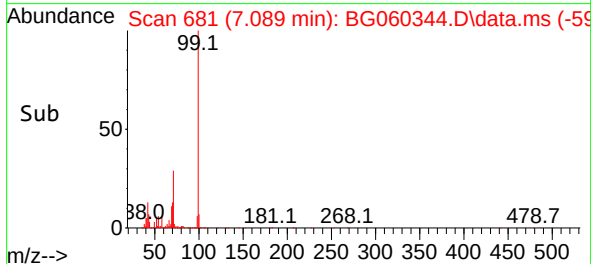
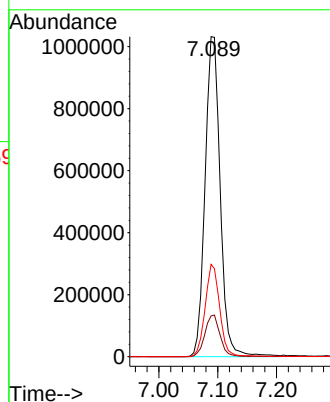
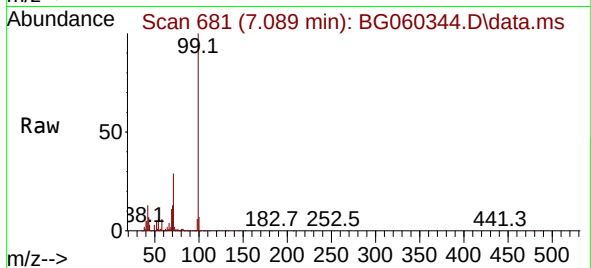




#7
Phenol-d6
Concen: 89.813 ng
RT: 7.089 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG060344.D
Acq: 17 Jan 2024 15:47

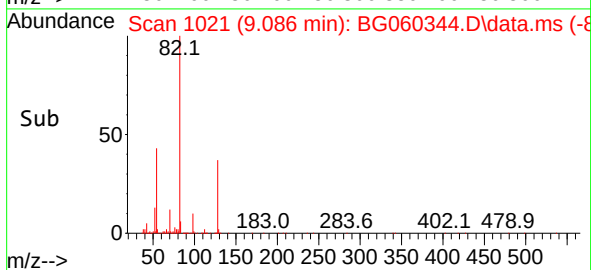
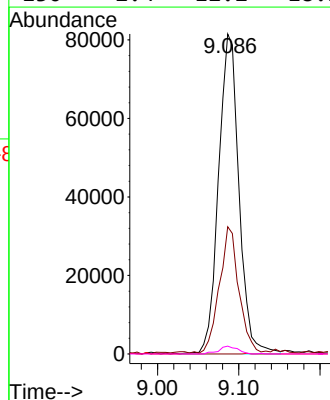
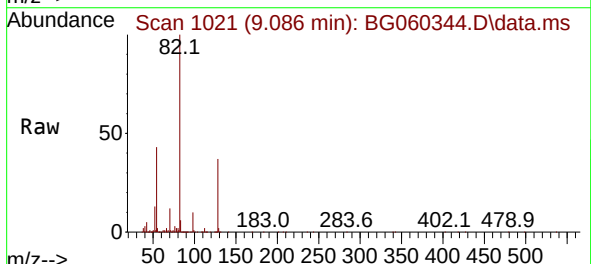
Instrument :
BNA_G
ClientSampleId :
MR-306-25-27

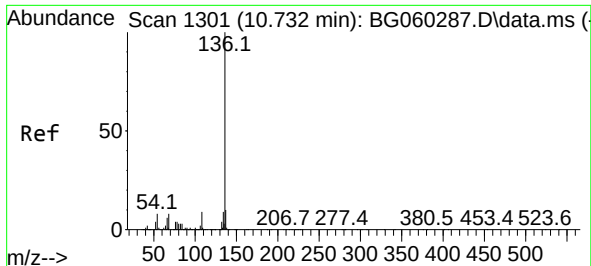
Tgt Ion: 99 Resp: 1847593
Ion Ratio Lower Upper
99 100
42 12.8 10.9 16.3
71 28.9 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.000 ng
RT: 9.086 min Scan# 1021
Delta R.T. 0.352 min
Lab File: BG060344.D
Acq: 17 Jan 2024 15:47

Tgt Ion: 70 Resp: 142372
Ion Ratio Lower Upper
70 100
42 39.7 34.3 51.5
101 0.0 6.2 9.2#
130 2.4 12.2 18.2#

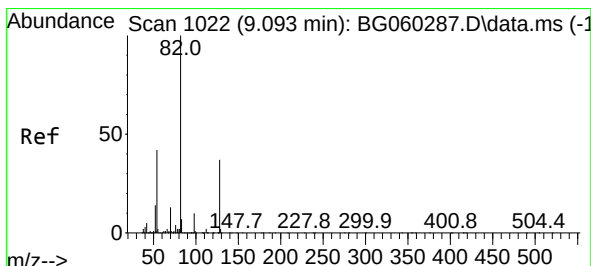
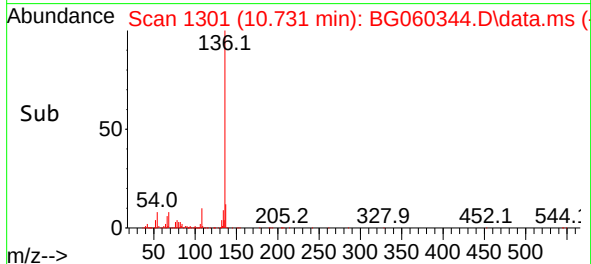
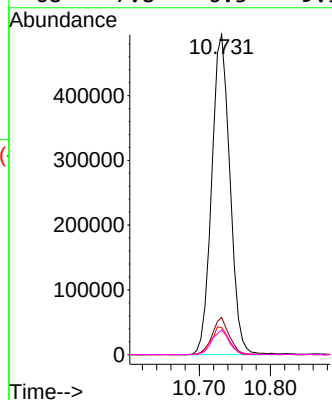
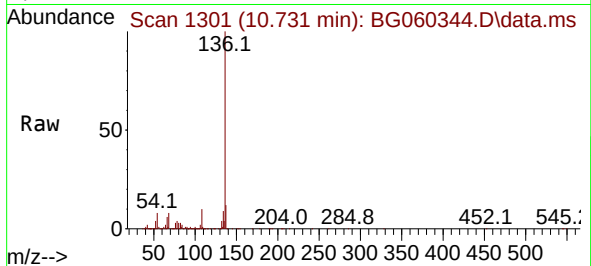




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG060344.D
Acq: 17 Jan 2024 15:47

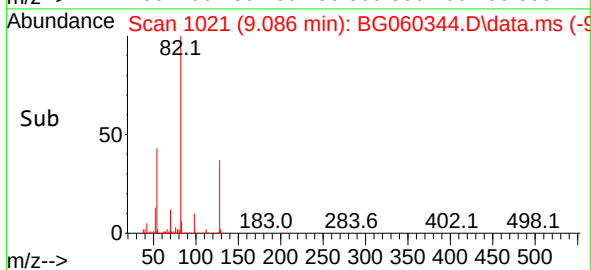
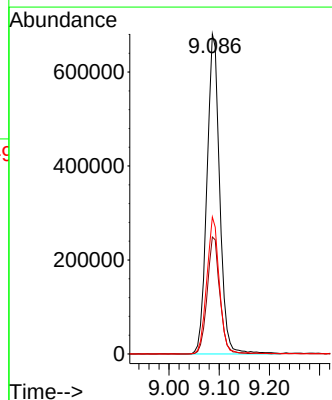
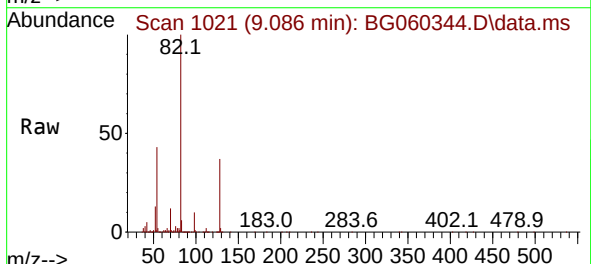
Instrument :
BNA_G
ClientSampleId :
MR-306-25-27

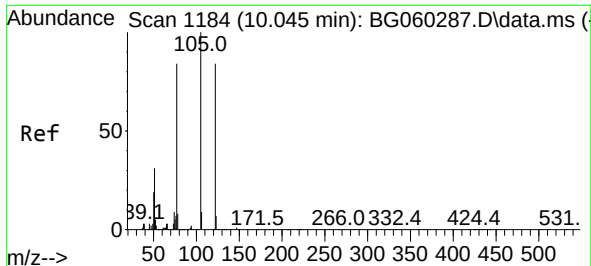
Tgt Ion:	136	Resp:	880049
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.2	12.4
54	8.5	6.2	9.2
68	7.8	6.3	9.5



#23
Nitrobenzene-d5
Concen: 64.737 ng
RT: 9.086 min Scan# 1021
Delta R.T. -0.007 min
Lab File: BG060344.D
Acq: 17 Jan 2024 15:47

Tgt Ion:	82	Resp:	1206509
Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.6	44.4
54	42.8	33.6	50.4

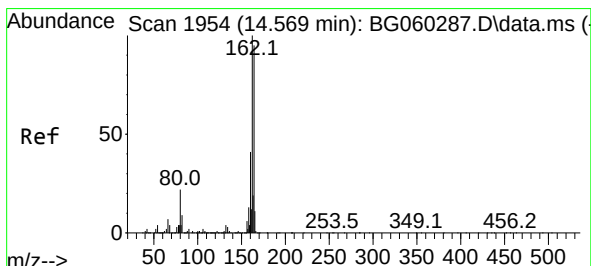
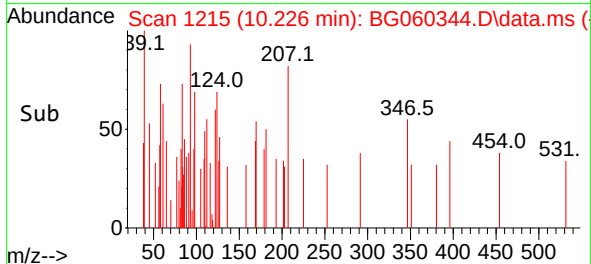
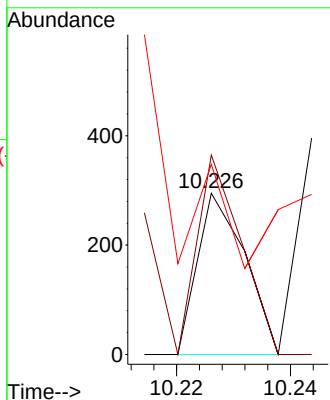
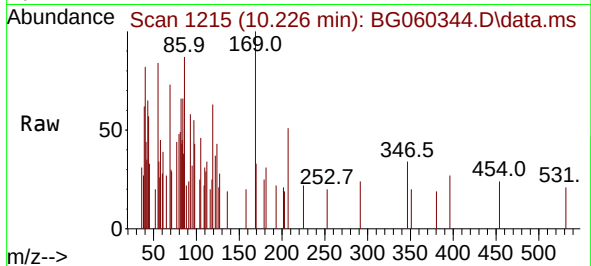




#32
Benzoic acid
Concen: 10.217 ng
RT: 10.226 min Scan# 1184
Delta R.T. 0.181 min
Lab File: BG060344.D
Acq: 17 Jan 2024 15:47

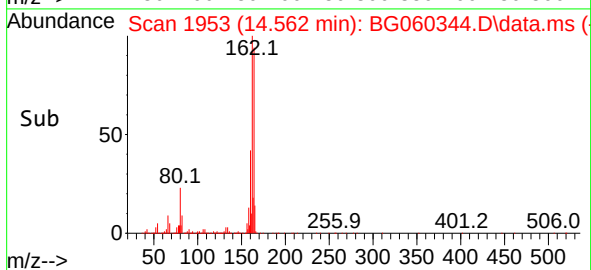
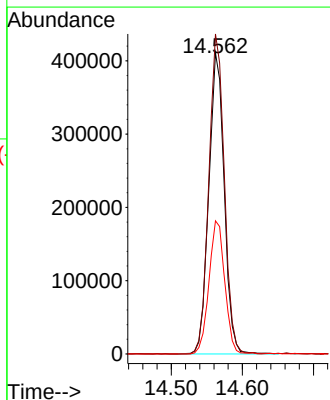
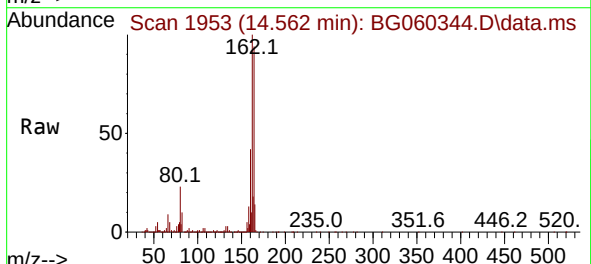
Instrument :
BNA_G
ClientSampleId :
MR-306-25-27

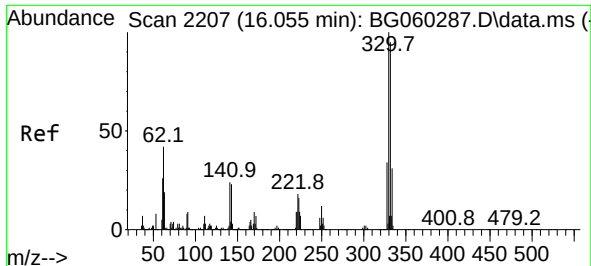
Tgt Ion:122 Resp: 171
Ion Ratio Lower Upper
122 100
105 123.7 96.0 136.0
77 118.0 80.1 120.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.007 min
Lab File: BG060344.D
Acq: 17 Jan 2024 15:47

Tgt Ion:164 Resp: 621176
Ion Ratio Lower Upper
164 100
162 106.3 84.4 126.6
160 44.2 34.6 52.0

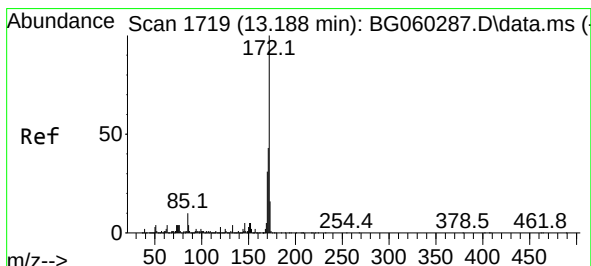
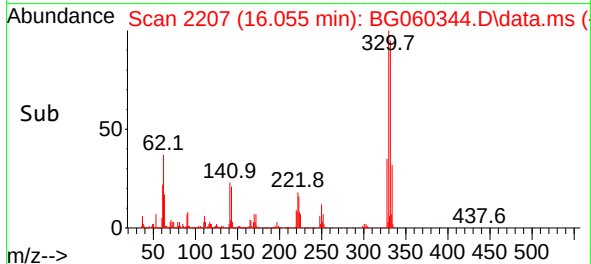
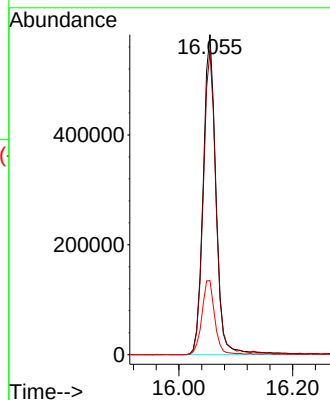
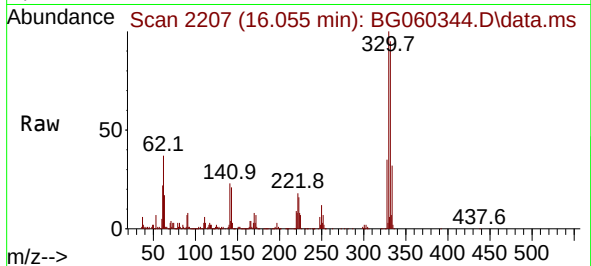




#42
2,4,6-Tribromophenol
Concen: 99.085 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060344.D
Acq: 17 Jan 2024 15:47

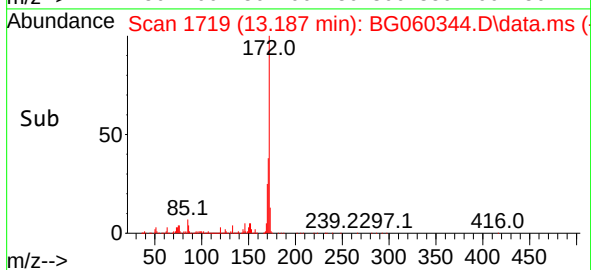
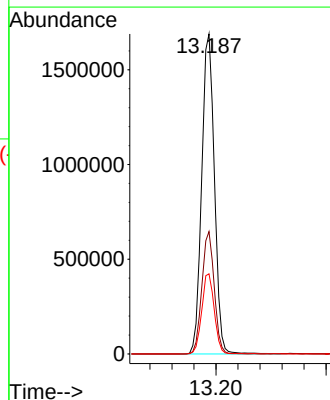
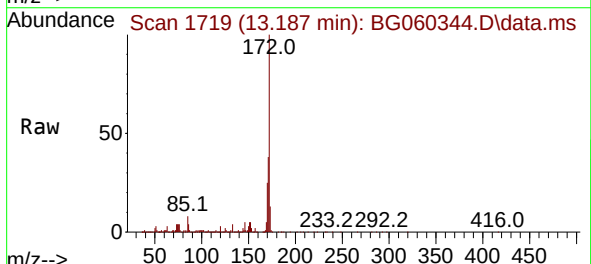
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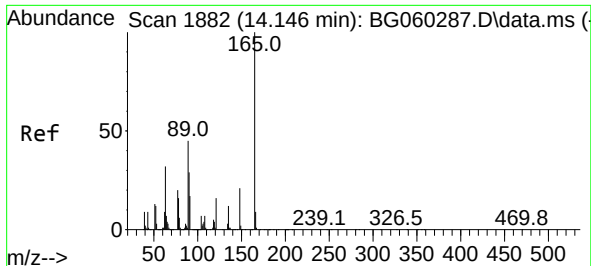
Tgt Ion:330 Resp: 905566
Ion Ratio Lower Upper
330 100
332 94.1 76.7 115.1
141 23.3 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 60.531 ng
RT: 13.187 min Scan# 1719
Delta R.T. -0.001 min
Lab File: BG060344.D
Acq: 17 Jan 2024 15:47

Tgt Ion:172 Resp: 2704432
Ion Ratio Lower Upper
172 100
171 38.3 34.6 51.8
170 25.1 24.4 36.6

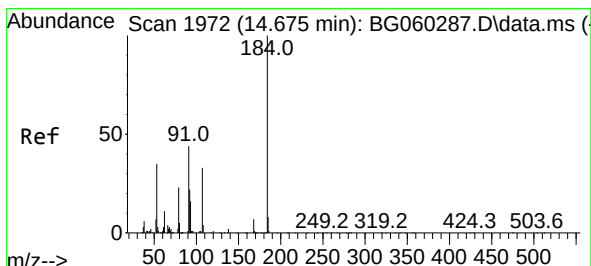
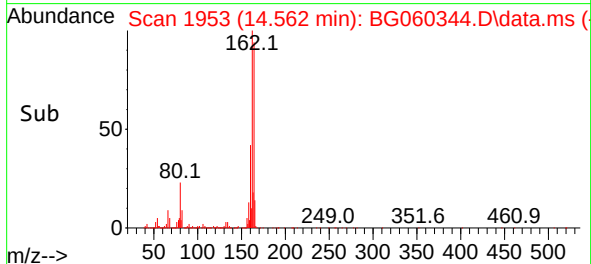
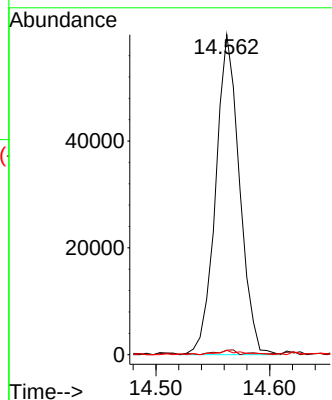
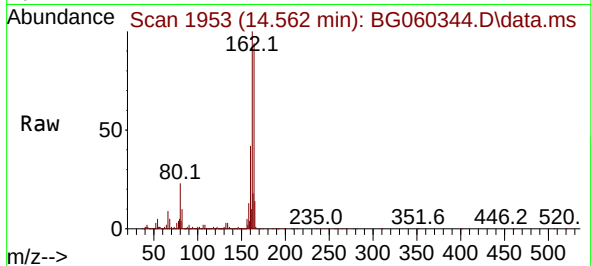




#51
2,6-Dinitrotoluene
Concen: 8.635 ng
RT: 14.562 min Scan# 1953
Delta R.T. 0.416 min
Lab File: BG060344.D
Acq: 17 Jan 2024 15:47

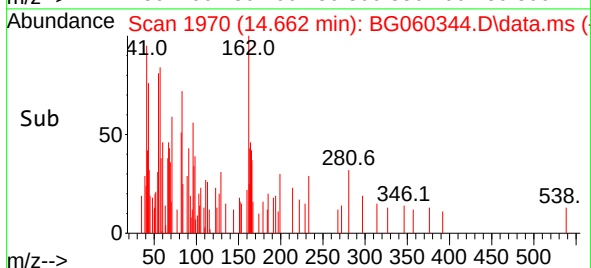
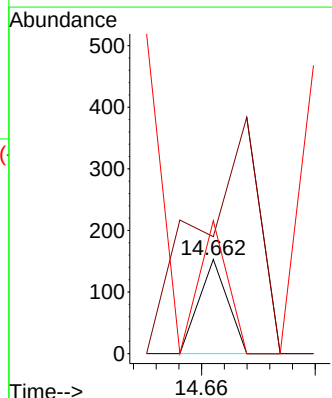
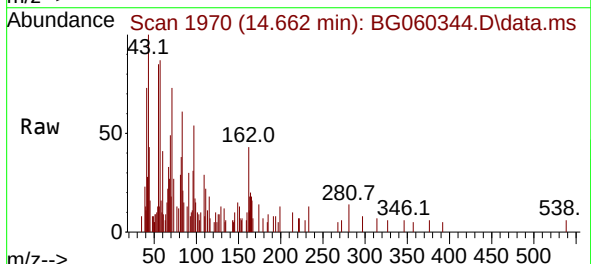
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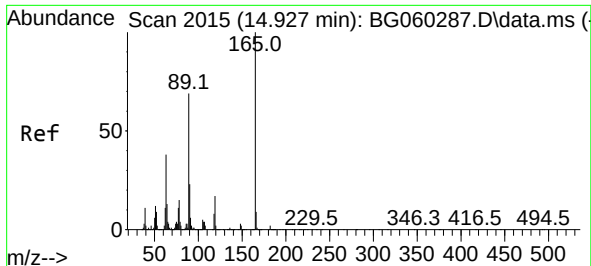
Tgt Ion:165 Resp: 87465
Ion Ratio Lower Upper
165 100
63 1.4 35.0 52.4#
89 1.4 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.594 ng
RT: 14.662 min Scan# 1970
Delta R.T. -0.013 min
Lab File: BG060344.D
Acq: 17 Jan 2024 15:47

Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 300.7 41.0 61.4#
154 141.2 39.2 58.8#

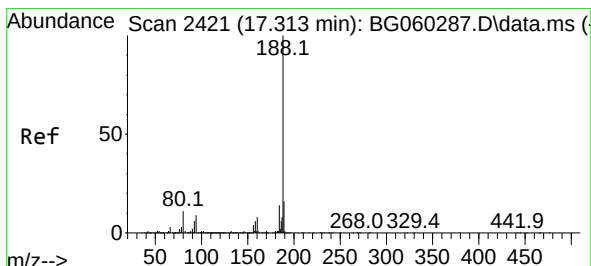
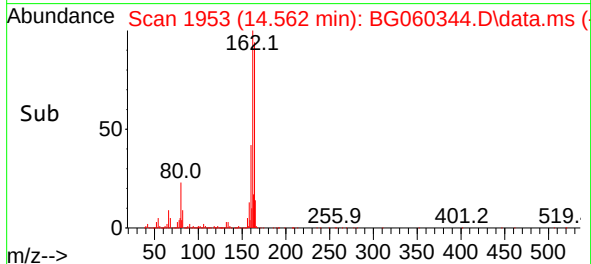
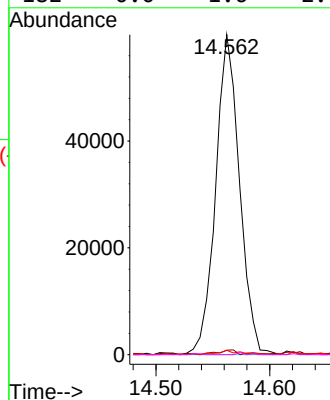
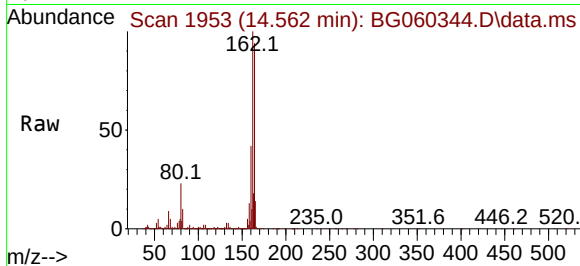




#57
2,4-Dinitrotoluene
Concen: 6.297 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.365 min
Lab File: BG060344.D
Acq: 17 Jan 2024 15:47

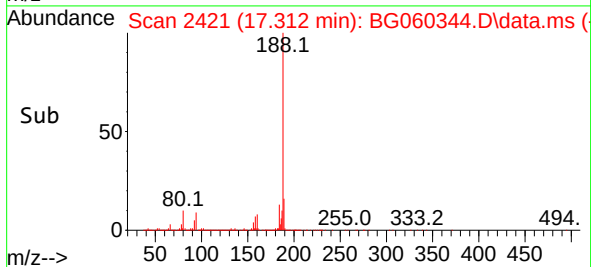
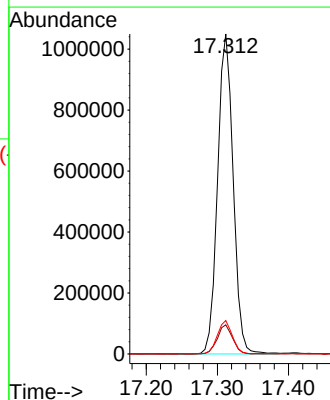
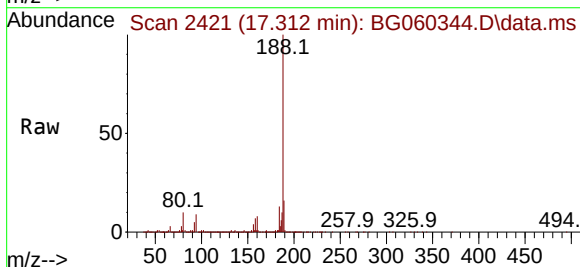
Instrument :
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MR-306-25-27

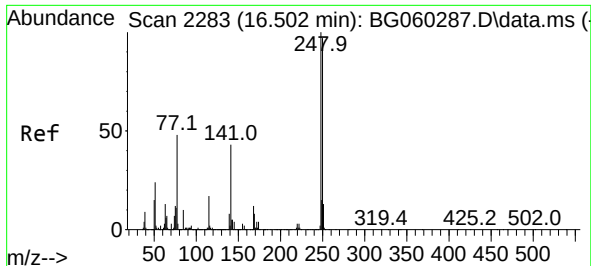
Tgt Ion:165 Resp: 87465
Ion Ratio Lower Upper
165 100
63 1.4 30.4 45.6#
89 1.4 55.4 83.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2421
Delta R.T. -0.001 min
Lab File: BG060344.D
Acq: 17 Jan 2024 15:47

Tgt Ion:188 Resp: 1593254
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 10.4 8.5 12.7





#67
4-Bromophenyl-phenylether
Concen: 3.110 ng
RT: 16.049 min Scan# 21
Delta R.T. -0.453 min
Lab File: BG060344.D
Acq: 17 Jan 2024 15:47

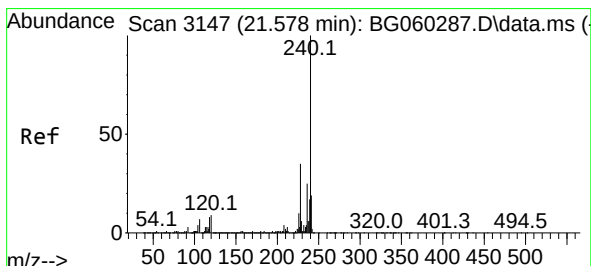
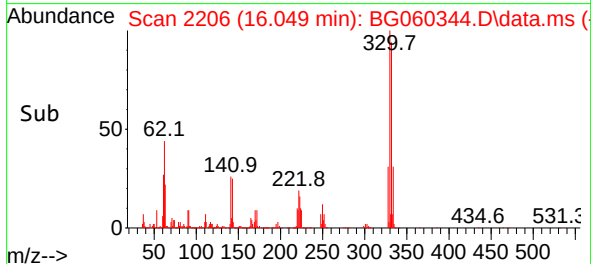
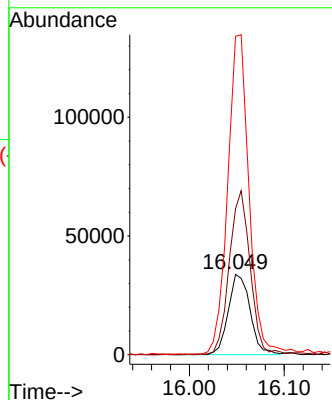
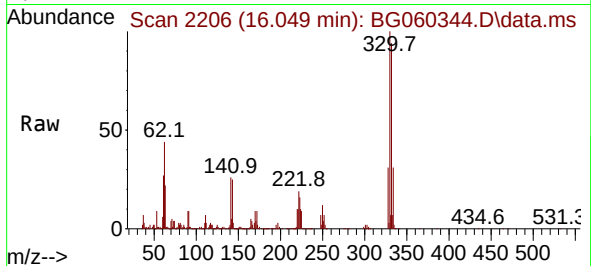
Instrument :

BNA_G

ClientSampleId :

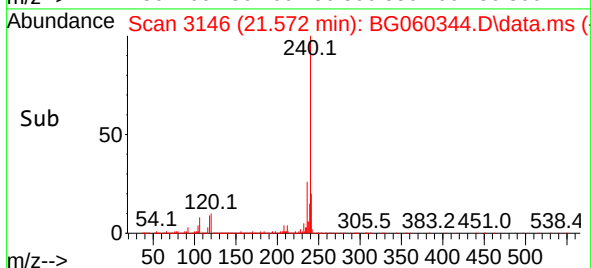
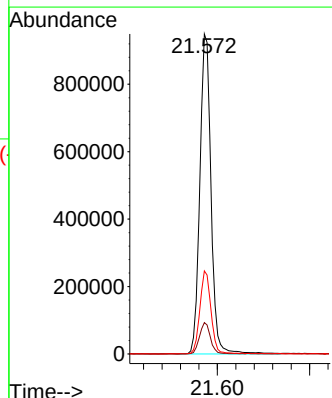
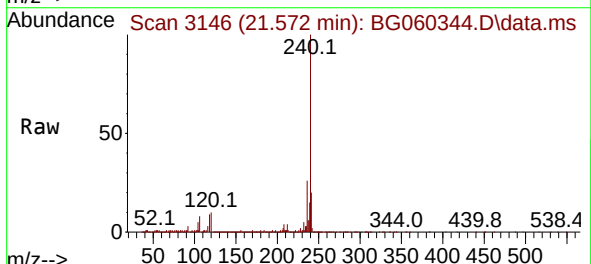
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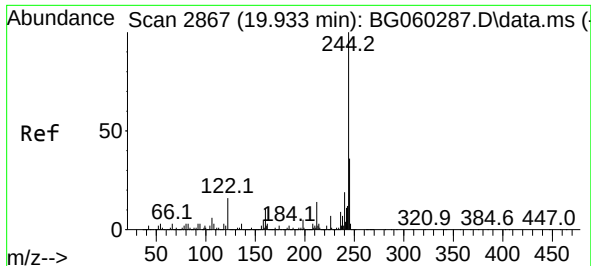
Tgt Ion:248 Resp: 54452
Ion Ratio Lower Upper
248 100
250 181.5 77.6 116.4#
141 396.2 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3146
Delta R.T. -0.007 min
Lab File: BG060344.D
Acq: 17 Jan 2024 15:47

Tgt Ion:240 Resp: 1598022
Ion Ratio Lower Upper
240 100
120 9.8 7.3 10.9
236 25.9 20.3 30.5

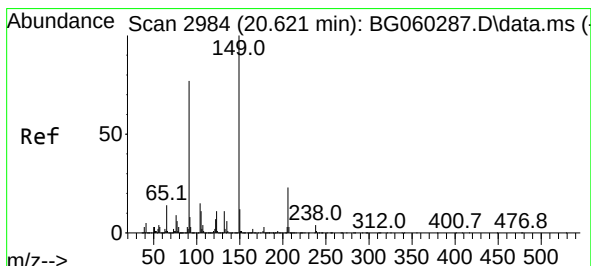
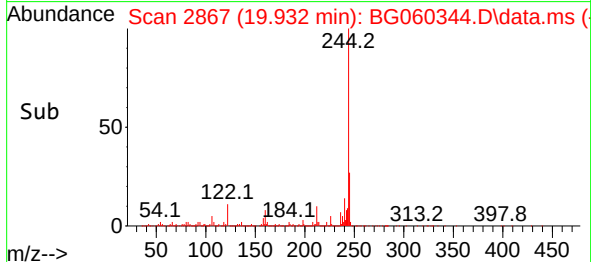
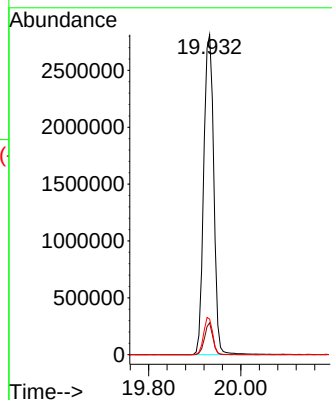
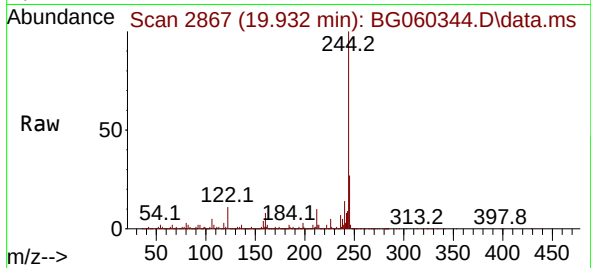




#79
 Terphenyl-d14
 Concen: 60.497 ng
 RT: 19.932 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG060344.D
 Acq: 17 Jan 2024 15:47

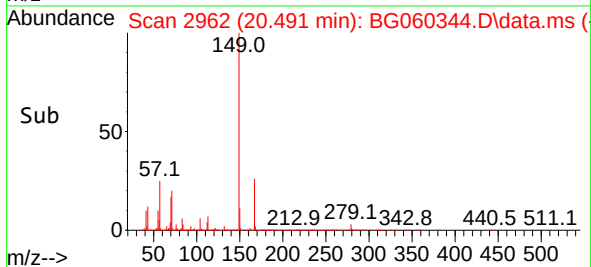
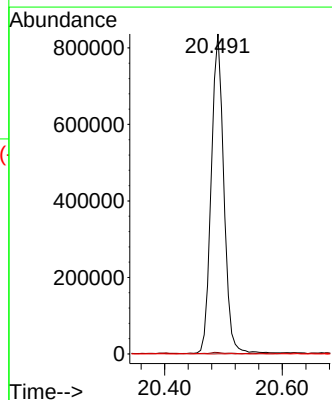
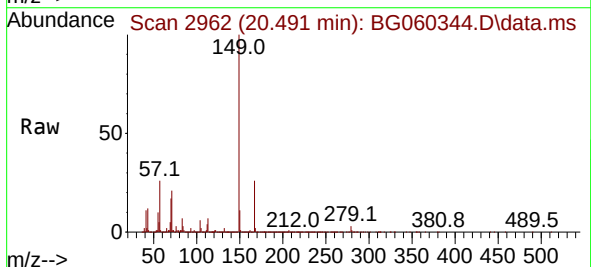
Instrument :
 BNA_G
 ClientSampleId :
 MR-306-25-27

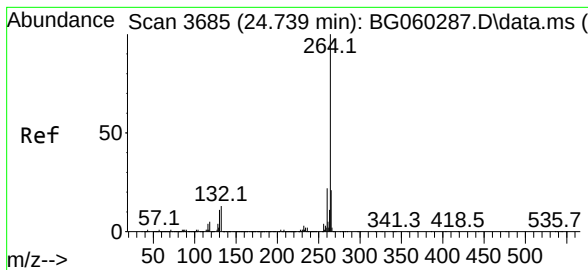
Tgt Ion:244 Resp: 4275332
 Ion Ratio Lower Upper
 244 100
 212 10.0 10.9 16.3#
 122 11.1 12.6 18.8#



#80
 Butylbenzylphthalate
 Concen: 35.435 ng
 RT: 20.491 min Scan# 2962
 Delta R.T. -0.130 min
 Lab File: BG060344.D
 Acq: 17 Jan 2024 15:47

Tgt Ion:149 Resp: 1244090
 Ion Ratio Lower Upper
 149 100
 91 0.5 61.4 92.2#
 206 0.0 18.0 27.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.738 min Scan# 30
 Delta R.T. -0.001 min
 Lab File: BG060344.D
 Acq: 17 Jan 2024 15:47

Instrument :
 BNA_G
 ClientSampleId :
 MR-306-25-27

Tgt Ion:264 Resp: 1846505

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.8	26.6
265	21.8	16.8	25.2

