

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011924\
 Data File : BG060371.D
 Acq On : 19 Jan 2024 16:20
 Operator : MA/JU
 Sample : P1181-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-011824

Quant Time: Jan 19 16:53:47 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)

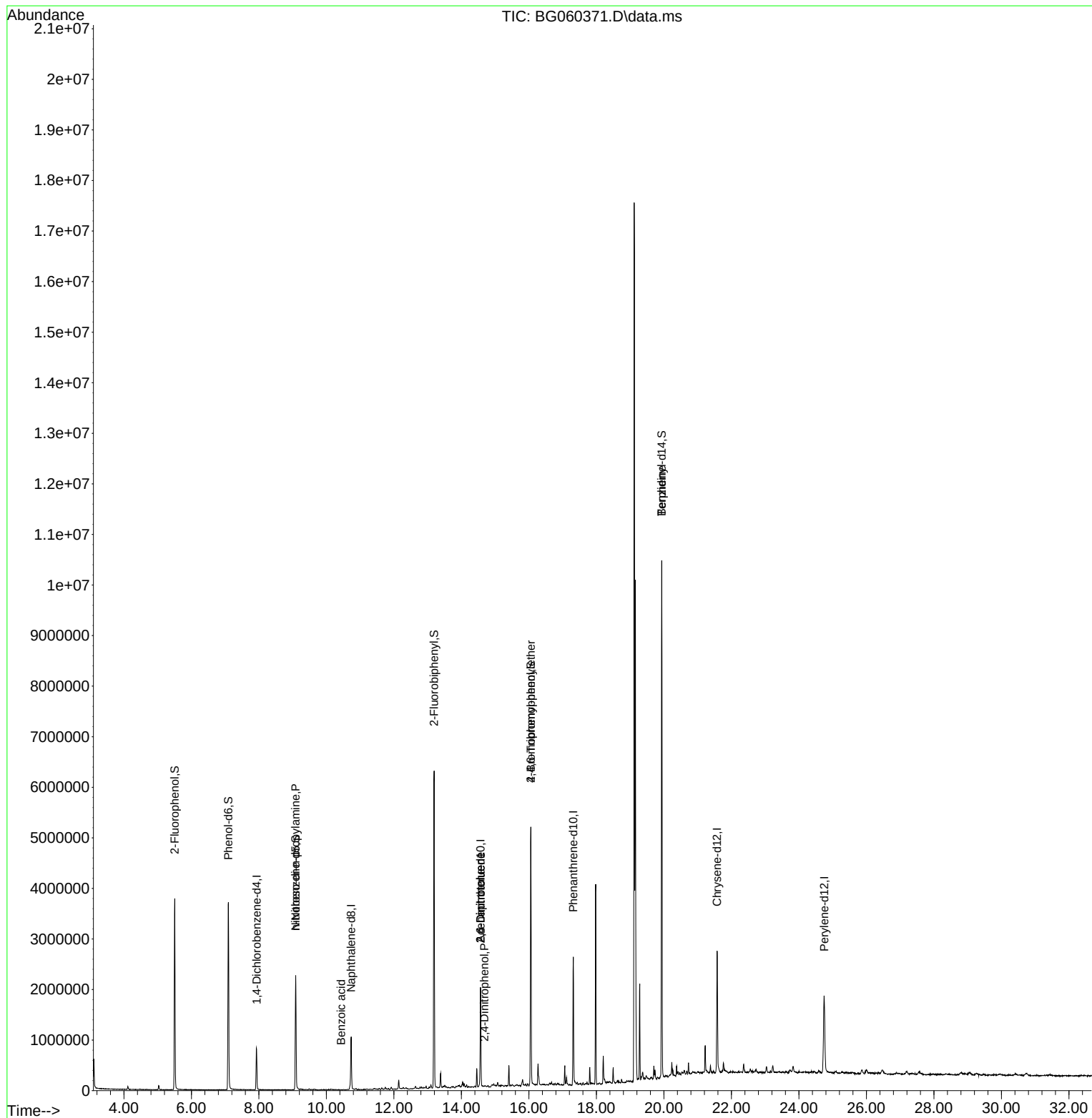
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	262366	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	938726	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	709494	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1675400	20.000	ng	0.00
76) Chrysene-d12	21.574	240	1472603	20.000	ng	0.00
86) Perylene-d12	24.747	264	1685399	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	1810254	113.486	ng	0.00
7) Phenol-d6	7.091	99	2608057	110.416	ng	0.00
23) Nitrobenzene-d5	9.089	82	1575932	79.273	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1121907	107.476	ng	0.00
45) 2-Fluorobiphenyl	13.190	172	3432343	67.260	ng	0.00
79) Terphenyl-d14	19.935	244	4854213	82.062	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.089	70	191083	11.689	ng	# 85
32) Benzoic acid	10.434	122	64	10.206	ng	87
51) 2,6-Dinitrotoluene	14.565	165	95347	8.241	ng	# 33
54) 2,4-Dinitrophenol	14.682	184	91	8.598	ng	# 1
57) 2,4-Dinitrotoluene	14.565	165	95347	6.010	ng	# 26
67) 4-Bromophenyl-phenylether	16.057	248	69114	3.754	ng	# 1
77) Benzidine	19.935	184	75338	2.355	ng	# 92

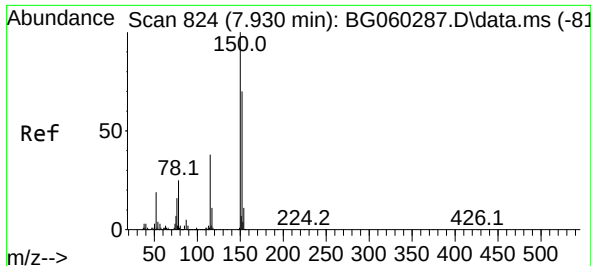
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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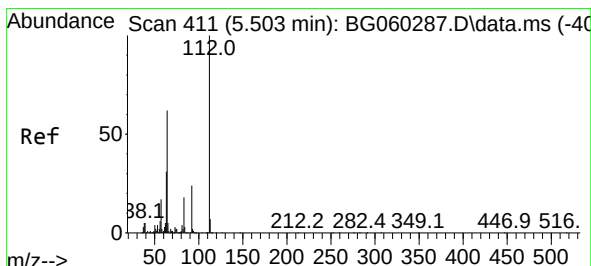
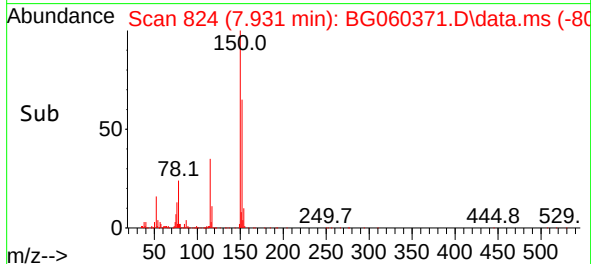
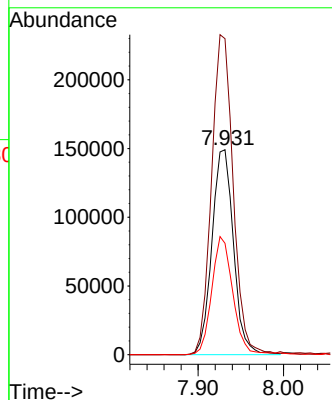
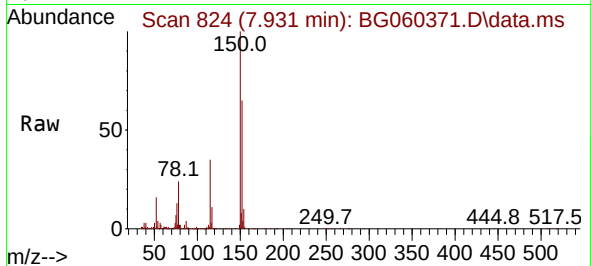




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG060371.D
Acq: 19 Jan 2024 16:20

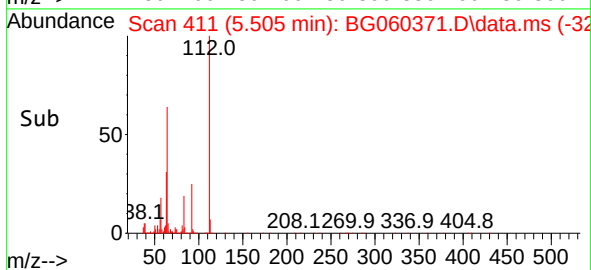
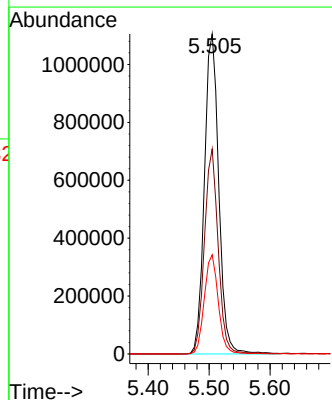
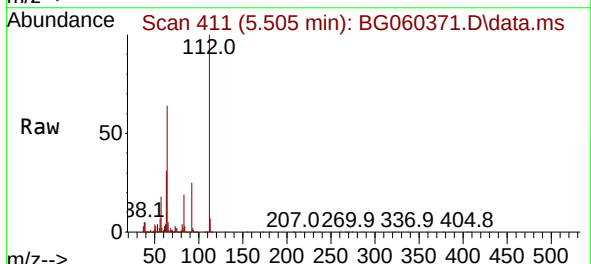
Instrument :
BNA_G
ClientSampleId :
TR-05-011824

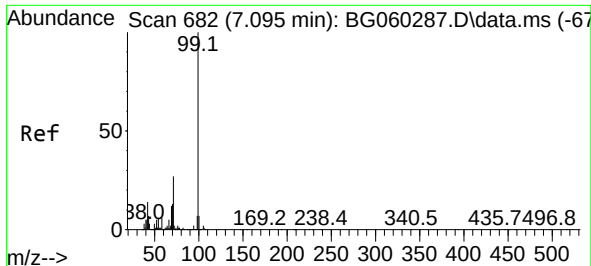
Tgt Ion:152 Resp: 262366
Ion Ratio Lower Upper
152 100
150 154.2 114.5 171.7
115 54.4 43.0 64.6



#5
2-Fluorophenol
Concen: 113.486 ng
RT: 5.505 min Scan# 411
Delta R.T. 0.002 min
Lab File: BG060371.D
Acq: 19 Jan 2024 16:20

Tgt Ion:112 Resp: 1810254
Ion Ratio Lower Upper
112 100
64 64.0 49.8 74.6
63 31.0 24.4 36.6



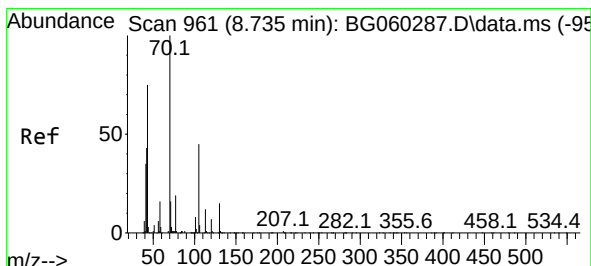
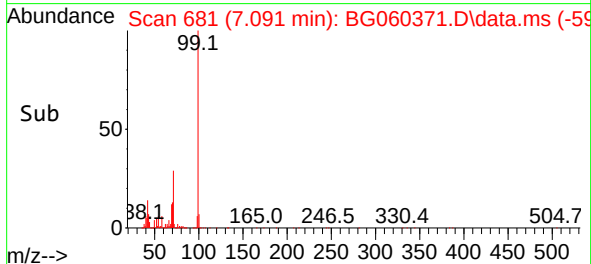
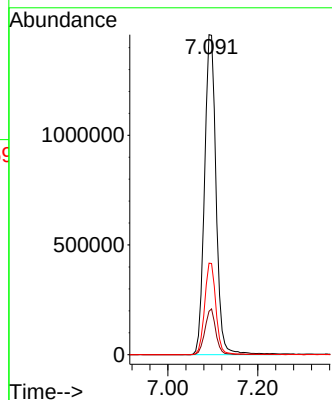
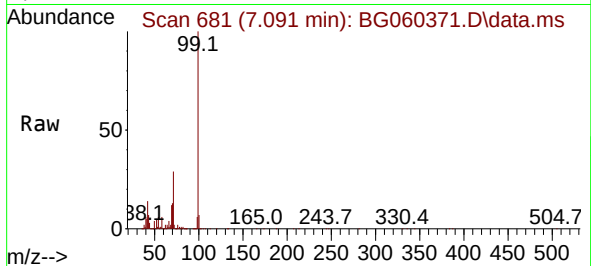


#7
Phenol-d6
Concen: 110.416 ng
RT: 7.091 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060371.D
Acq: 19 Jan 2024 16:20

Instrument :
BNA_G
ClientSampleId :
TR-05-011824

Tgt Ion: 99 Resp: 2608057

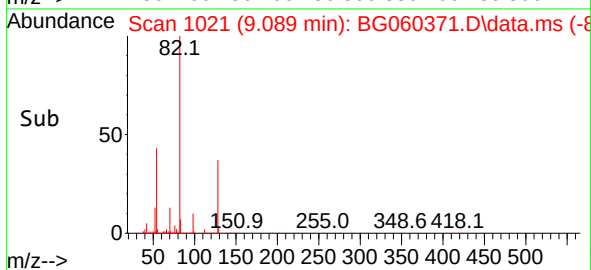
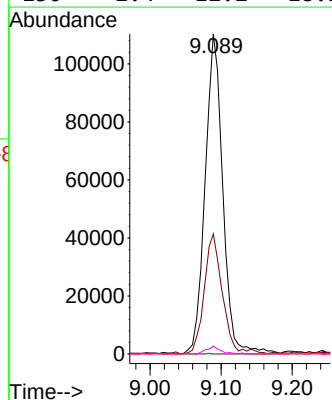
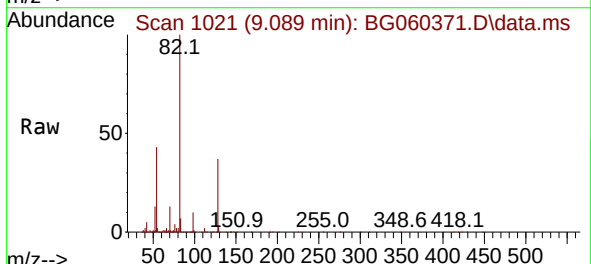
Ion	Ratio	Lower	Upper
99	100		
42	13.5	10.9	16.3
71	28.6	21.5	32.3

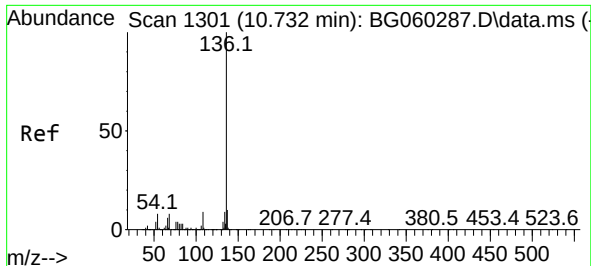


#19
n-Nitroso-di-n-propylamine
Concen: 11.689 ng
RT: 9.089 min Scan# 1021
Delta R.T. 0.354 min
Lab File: BG060371.D
Acq: 19 Jan 2024 16:20

Tgt Ion: 70 Resp: 191083

Ion	Ratio	Lower	Upper
70	100		
42	37.5	34.3	51.5
101	0.0	6.2	9.2#
130	2.4	12.2	18.2#

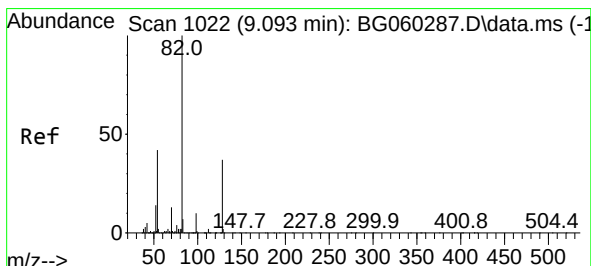
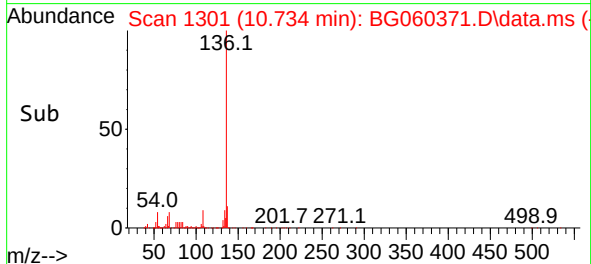
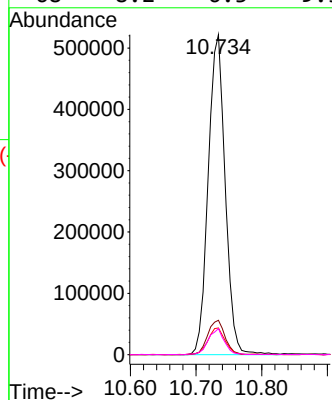
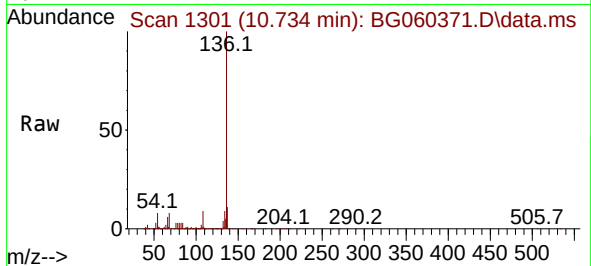




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG060371.D
Acq: 19 Jan 2024 16:20

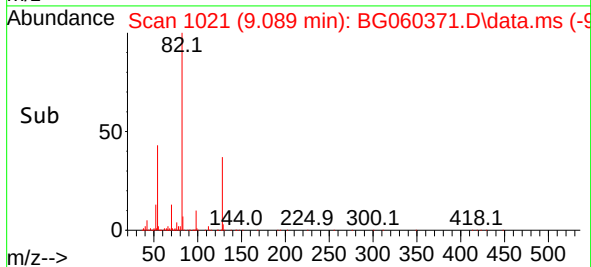
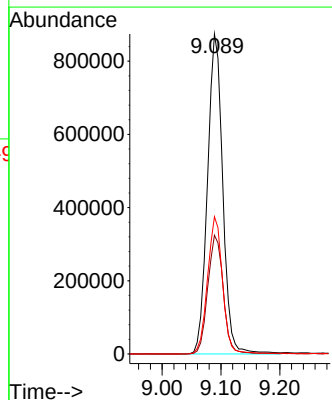
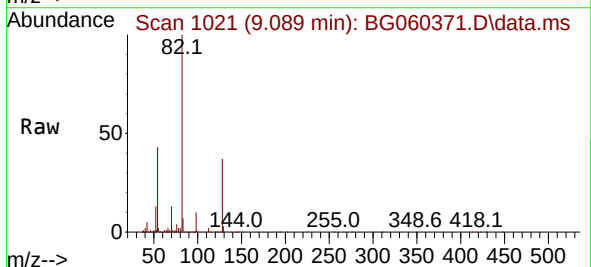
Instrument :
BNA_G
ClientSampleId :
TR-05-011824

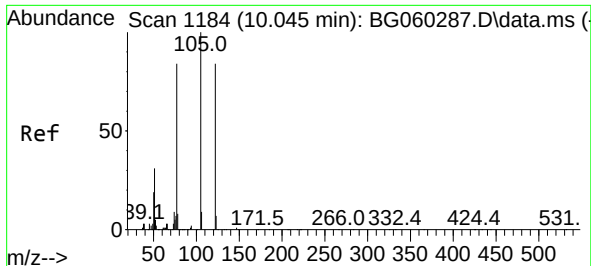
Tgt Ion:	136	Resp:	938726
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	8.3	6.2	9.2
68	8.2	6.3	9.5



#23
Nitrobenzene-d5
Concen: 79.273 ng
RT: 9.089 min Scan# 1021
Delta R.T. -0.004 min
Lab File: BG060371.D
Acq: 19 Jan 2024 16:20

Tgt Ion:	82	Resp:	1575932
Ion	Ratio	Lower	Upper
82	100		
128	37.1	29.6	44.4
54	42.9	33.6	50.4

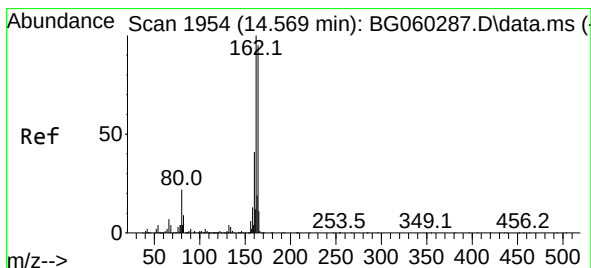
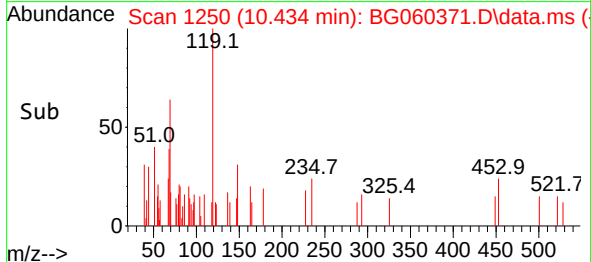
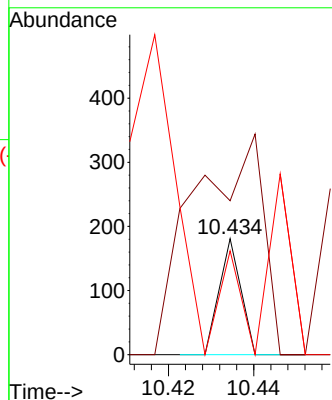
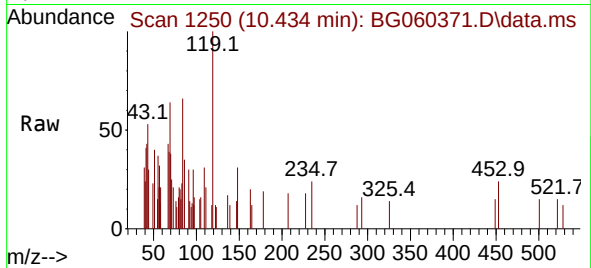




#32
Benzoic acid
Concen: 10.206 ng
RT: 10.434 min Scan# 1184
Delta R.T. 0.389 min
Lab File: BG060371.D
Acq: 19 Jan 2024 16:20

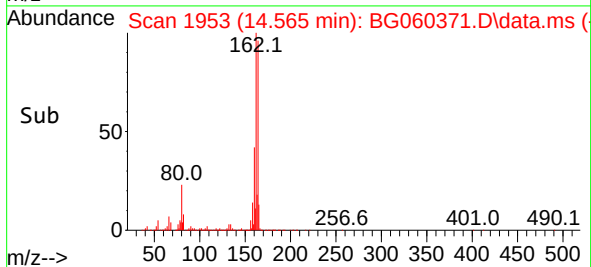
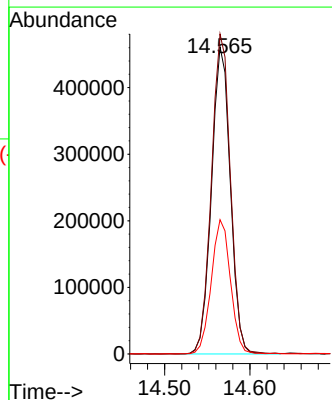
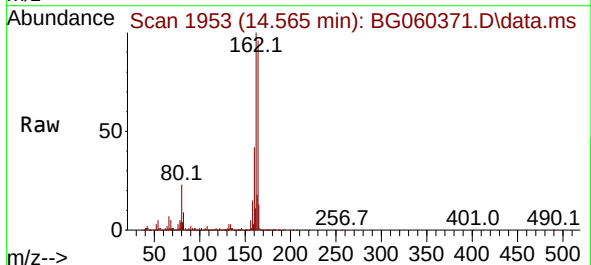
Instrument :
BNA_G
ClientSampleId :
TR-05-011824

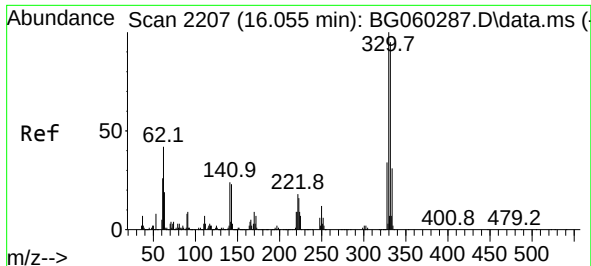
Tgt Ion:122 Resp: 64
Ion Ratio Lower Upper
122 100
105 132.6 96.0 136.0
77 89.5 80.1 120.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.565 min Scan# 1953
Delta R.T. -0.004 min
Lab File: BG060371.D
Acq: 19 Jan 2024 16:20

Tgt Ion:164 Resp: 709494
Ion Ratio Lower Upper
164 100
162 104.2 84.4 126.6
160 43.7 34.6 52.0

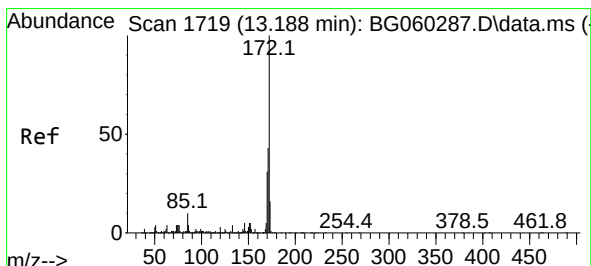
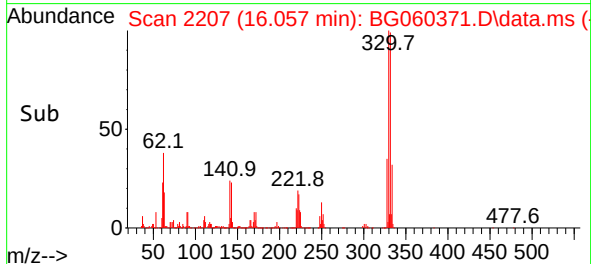
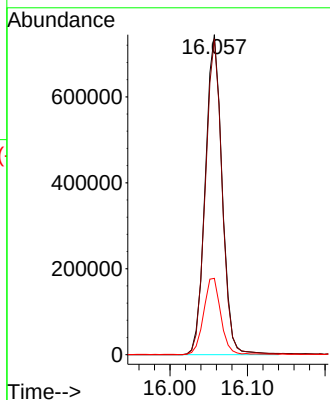
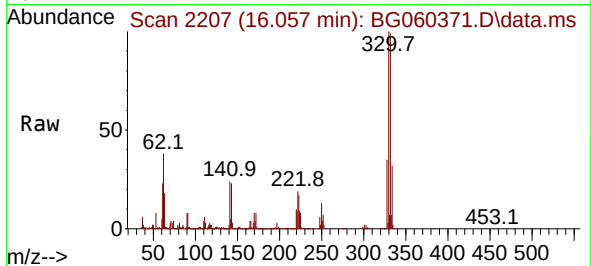




#42
2,4,6-Tribromophenol
Concen: 107.476 ng
RT: 16.057 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG060371.D
Acq: 19 Jan 2024 16:20

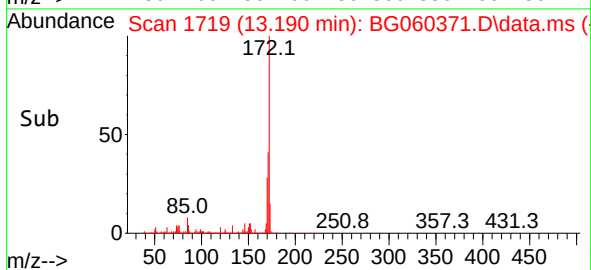
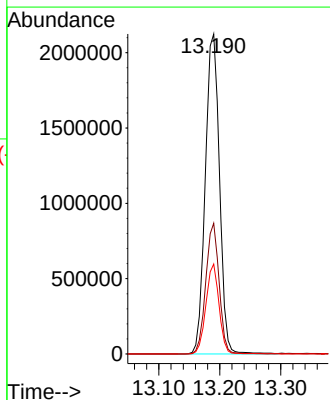
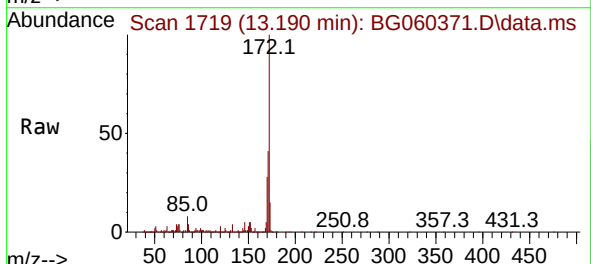
Instrument :
BNA_G
ClientSampleId :
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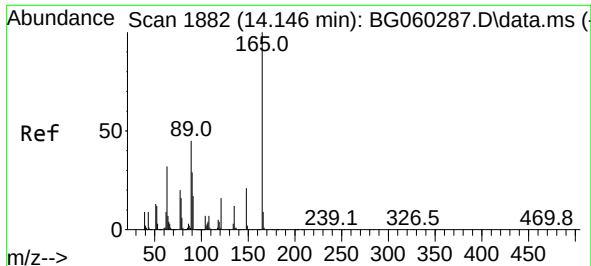
Tgt Ion:330 Resp: 1121907
Ion Ratio Lower Upper
330 100
332 98.1 76.7 115.1
141 24.4 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 67.260 ng
RT: 13.190 min Scan# 1719
Delta R.T. 0.002 min
Lab File: BG060371.D
Acq: 19 Jan 2024 16:20

Tgt Ion:172 Resp: 3432343
Ion Ratio Lower Upper
172 100
171 40.9 34.6 51.8
170 28.1 24.4 36.6

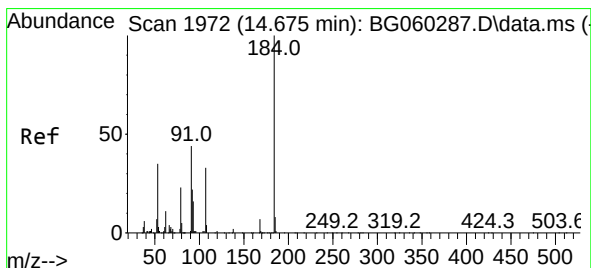
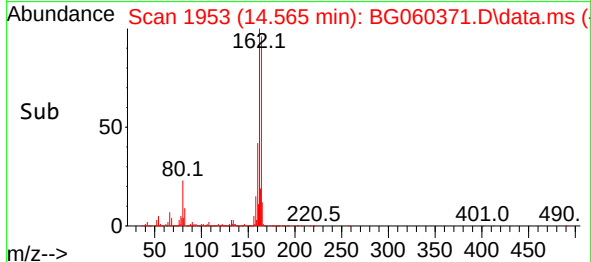
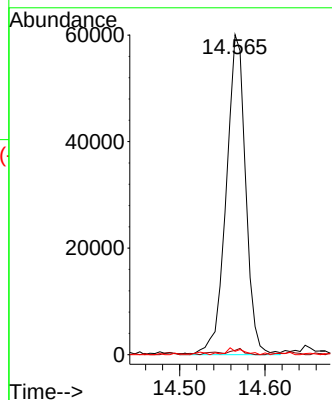
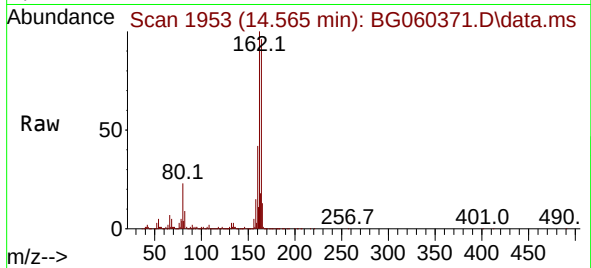




#51
2,6-Dinitrotoluene
Concen: 8.241 ng
RT: 14.565 min Scan# 1953
Delta R.T. 0.419 min
Lab File: BG060371.D
Acq: 19 Jan 2024 16:20

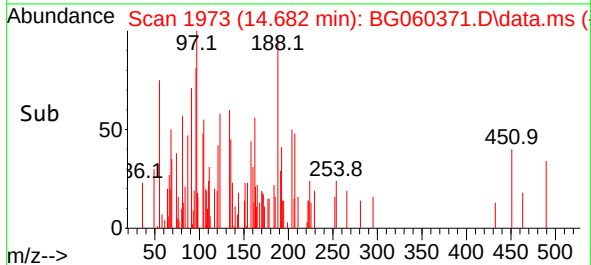
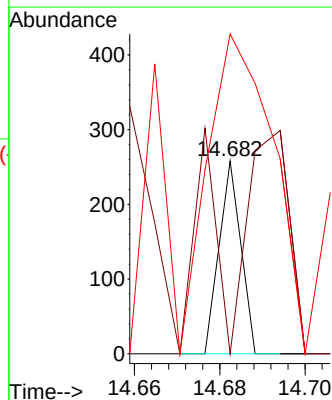
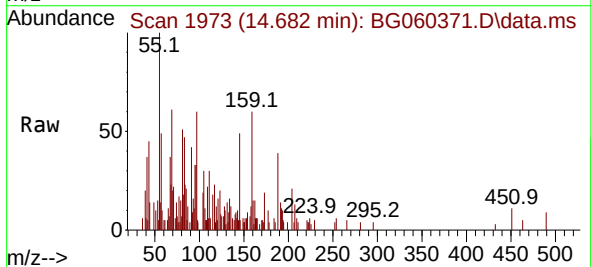
Instrument :
BNA_G
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TR-05-011824

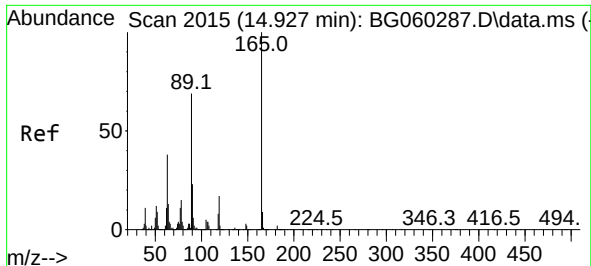
Tgt Ion:165 Resp: 95347
Ion Ratio Lower Upper
165 100
63 1.3 35.0 52.4#
89 1.1 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.598 ng
RT: 14.682 min Scan# 1973
Delta R.T. 0.007 min
Lab File: BG060371.D
Acq: 19 Jan 2024 16:20

Tgt Ion:184 Resp: 91
Ion Ratio Lower Upper
184 100
63 0.0 41.0 61.4#
154 165.9 39.2 58.8#

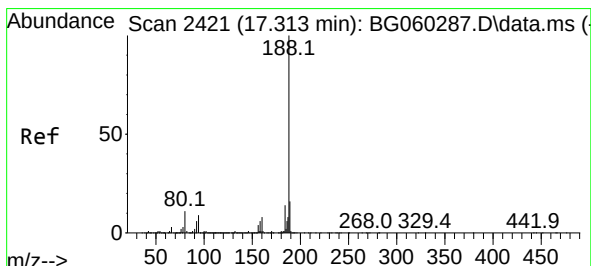
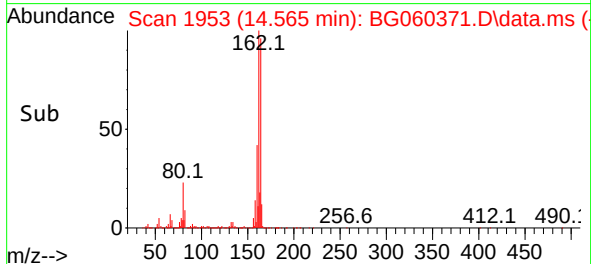
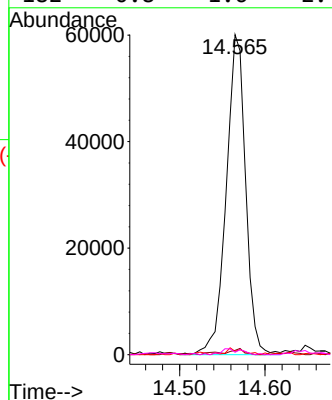
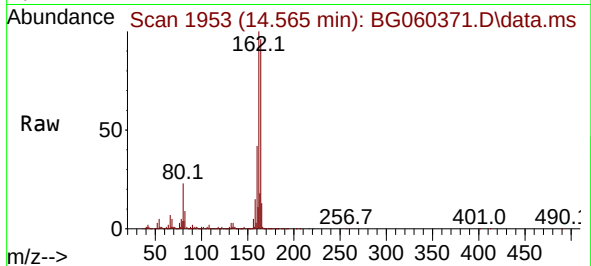




#57
2,4-Dinitrotoluene
Concen: 6.010 ng
RT: 14.565 min Scan# 1953
Delta R.T. -0.362 min
Lab File: BG060371.D
Acq: 19 Jan 2024 16:20

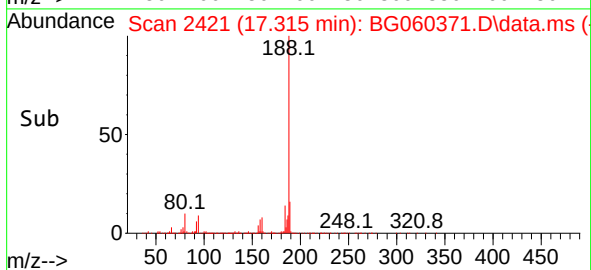
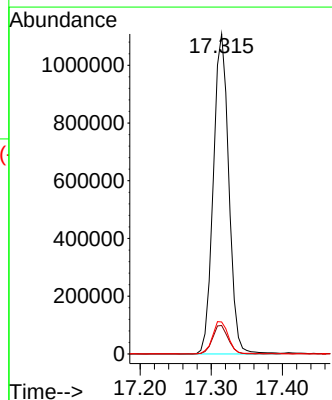
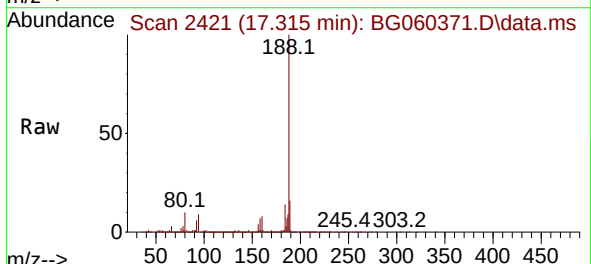
Instrument :
BNA_G
ClientSampleId :
TR-05-011824

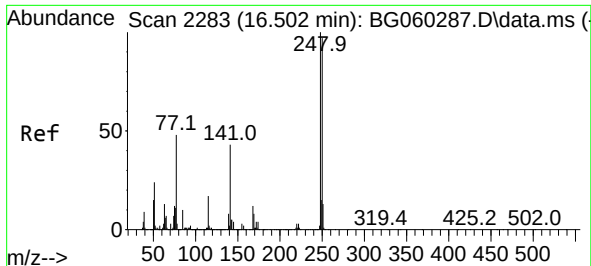
Tgt Ion:165 Resp: 95347
Ion Ratio Lower Upper
165 100
63 1.3 30.4 45.6#
89 1.1 55.4 83.0#
182 0.8 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2421
Delta R.T. 0.002 min
Lab File: BG060371.D
Acq: 19 Jan 2024 16:20

Tgt Ion:188 Resp: 1675400
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 10.0 8.5 12.7

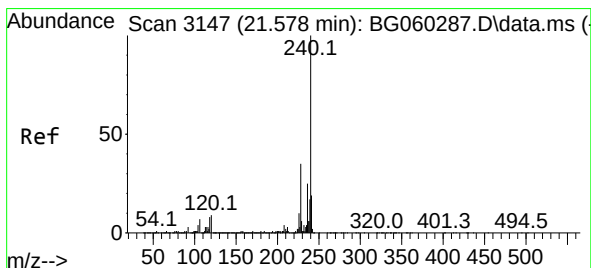
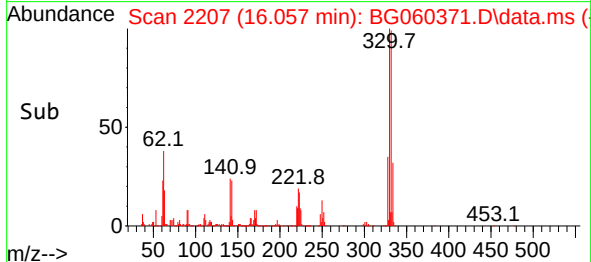
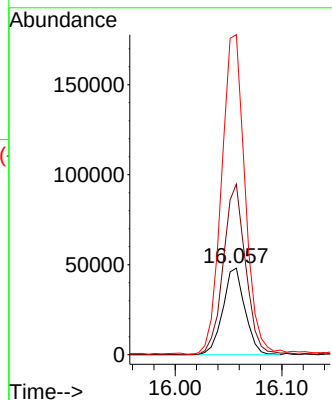
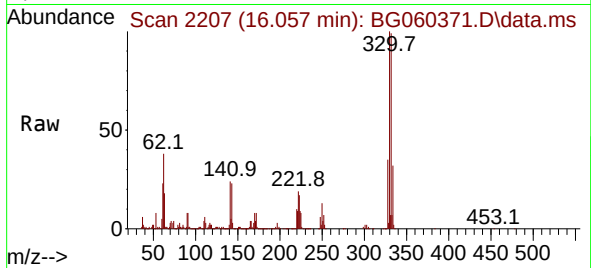




#67
4-Bromophenyl-phenylether
Concen: 3.754 ng
RT: 16.057 min Scan# 21
Delta R.T. -0.445 min
Lab File: BG060371.D
Acq: 19 Jan 2024 16:20

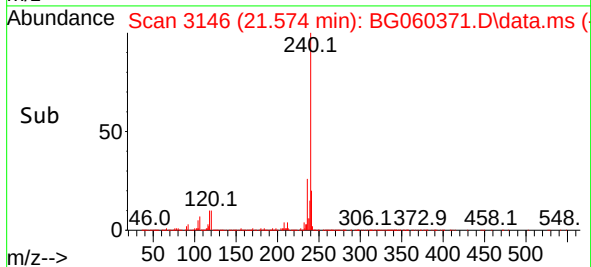
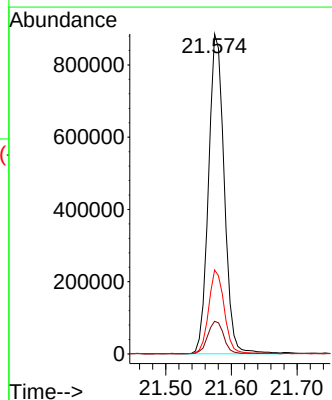
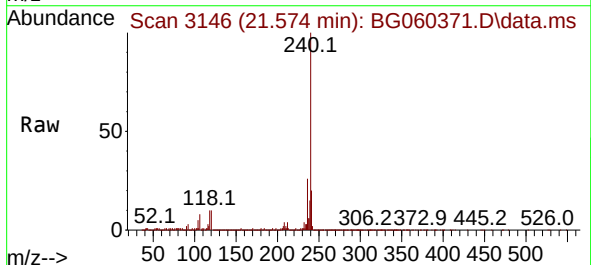
Instrument :
BNA_G
ClientSampleId :
TR-05-011824

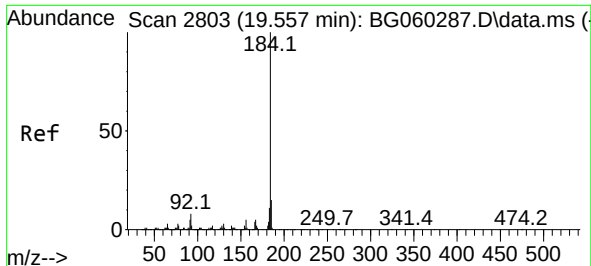
Tgt Ion:248 Resp: 69114
Ion Ratio Lower Upper
248 100
250 197.0 77.6 116.4#
141 369.5 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3146
Delta R.T. -0.004 min
Lab File: BG060371.D
Acq: 19 Jan 2024 16:20

Tgt Ion:240 Resp: 1472603
Ion Ratio Lower Upper
240 100
120 10.2 7.3 10.9
236 26.3 20.3 30.5

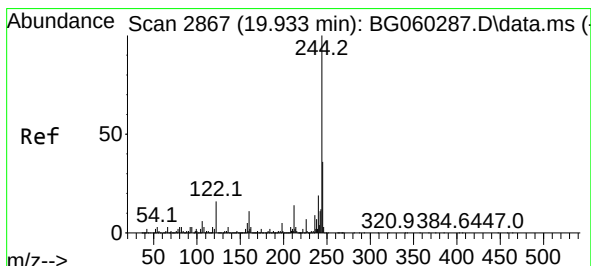
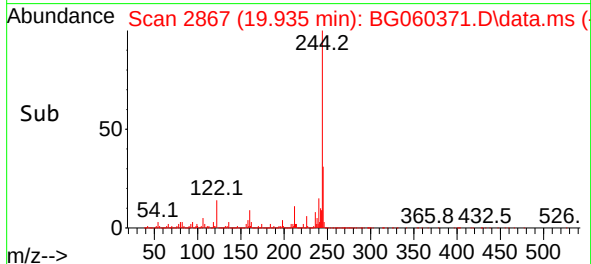
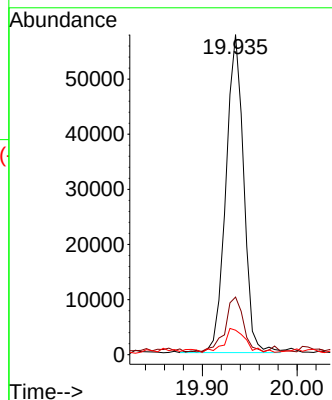
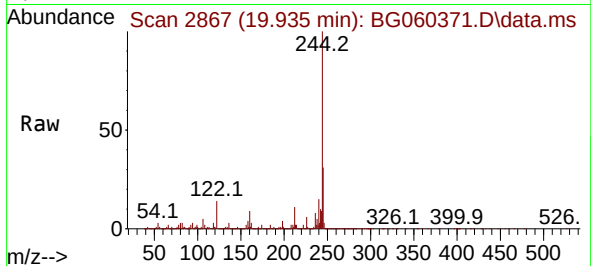




#77
Benzidine
Concen: 2.355 ng
RT: 19.935 min Scan# 21
Delta R.T. 0.378 min
Lab File: BG060371.D
Acq: 19 Jan 2024 16:20

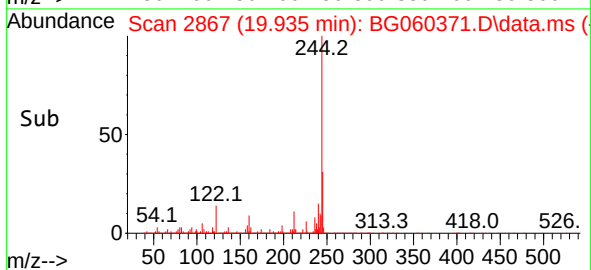
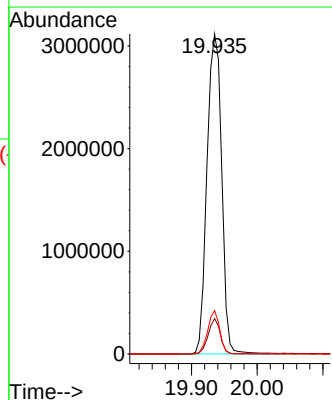
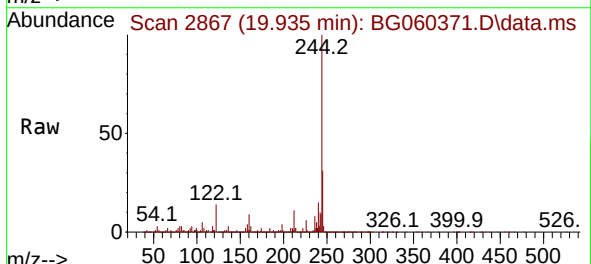
Instrument :
BNA_G
ClientSampleId :
TR-05-011824

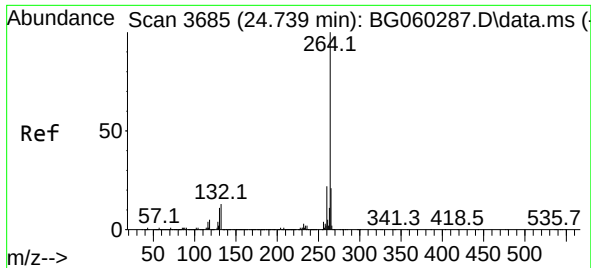
Tgt Ion:184 Resp: 75338
Ion Ratio Lower Upper
184 100
185 18.0 12.2 18.4
183 7.6 9.0 13.4#



#79
Terphenyl-d14
Concen: 82.062 ng
RT: 19.935 min Scan# 2867
Delta R.T. 0.002 min
Lab File: BG060371.D
Acq: 19 Jan 2024 16:20

Tgt Ion:244 Resp: 4854213
Ion Ratio Lower Upper
244 100
212 11.1 10.9 16.3
122 13.5 12.6 18.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.747 min Scan# 30
Delta R.T. 0.008 min
Lab File: BG060371.D
Acq: 19 Jan 2024 16:20

Instrument :
BNA_G
ClientSampleId :
TR-05-011824

Tgt Ion:264 Resp: 1685399

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.8	26.6
265	21.8	16.8	25.2

