

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011124\
 Data File : BG060311.D
 Acq On : 11 Jan 2024 15:59
 Operator : MA/JU
 Sample : P1100-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Quant Time: Jan 11 16:57:32 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)

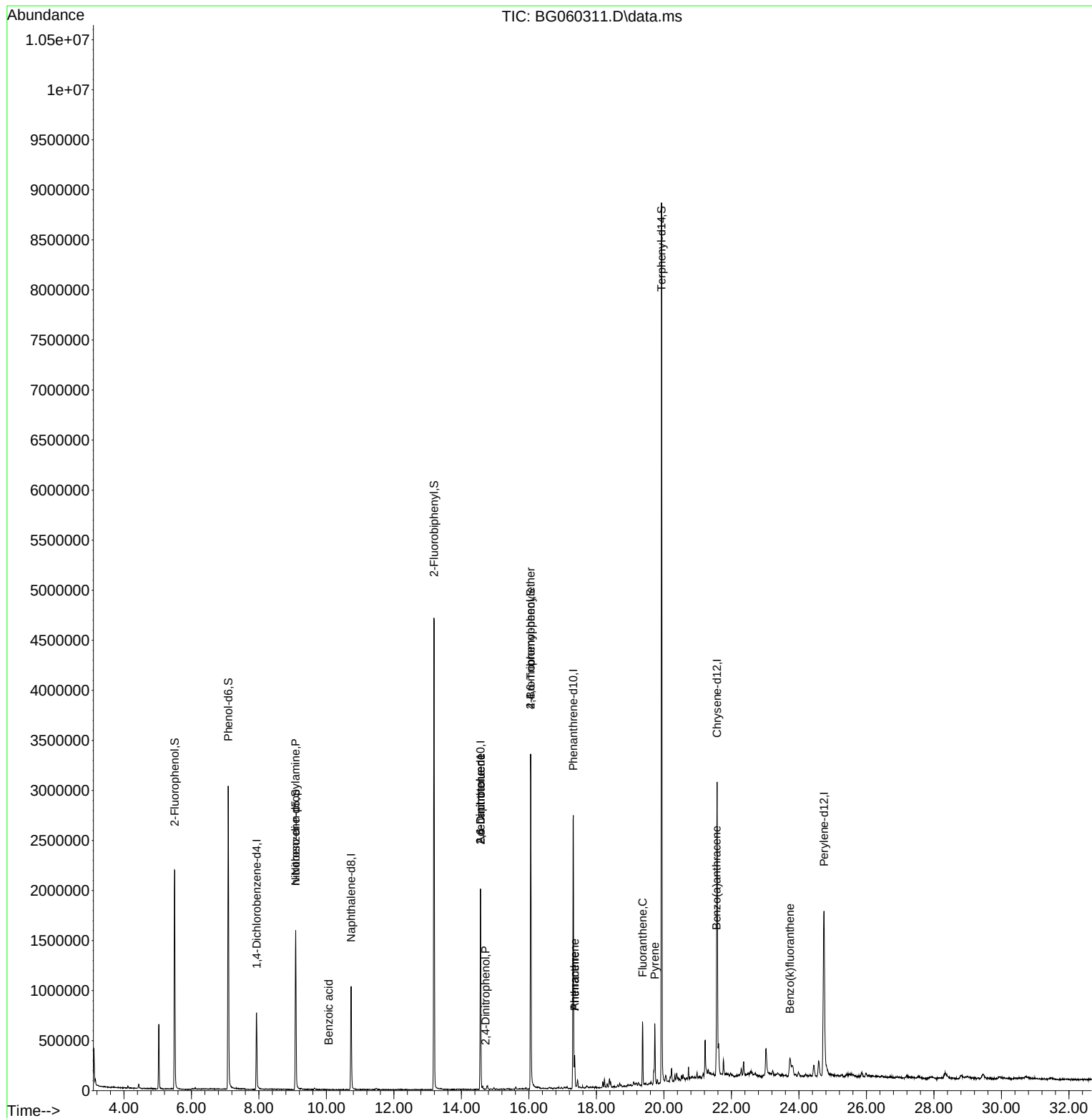
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	250673	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	958868	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	715812	20.000	ng	0.00
64) Phenanthrene-d10	17.314	188	1897667	20.000	ng	0.00
76) Chrysene-d12	21.574	240	1768131	20.000	ng	0.00
86) Perylene-d12	24.741	264	2018227	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	1166985	76.572	ng	0.00
7) Phenol-d6	7.091	99	2077661	92.064	ng	0.00
23) Nitrobenzene-d5	9.089	82	1113272	54.824	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	769724	73.087	ng	0.00
45) 2-Fluorobiphenyl	13.190	172	2682255	52.097	ng	0.00
79) Terphenyl-d14	19.929	244	4408986	54.943	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	9.089	70	132676	8.494	ng	# 86
32) Benzoic acid	10.064	122	94	10.209	ng	# 1
51) 2,6-Dinitrotoluene	14.565	165	97347	8.340	ng	# 33
54) 2,4-Dinitrophenol	14.712	184	73	8.596	ng	# 8
57) 2,4-Dinitrotoluene	14.565	165	97347	6.082	ng	# 25
67) 4-Bromophenyl-phenylether	16.051	248	44558	2.137	ng	# 1
71) Phenanthrene	17.356	178	210055	2.290	ng	94
72) Anthracene	17.356	178	210055	2.294	ng	95
75) Fluoranthene	19.365	202	399068	3.622	ng	87
78) Pyrene	19.729	202	379452	3.361	ng	# 85
81) Benzo(a)anthracene	21.557	228	231828	2.118	ng	92
89) Benzo(k)fluoranthene	23.736	252	237764	2.021	ng	99

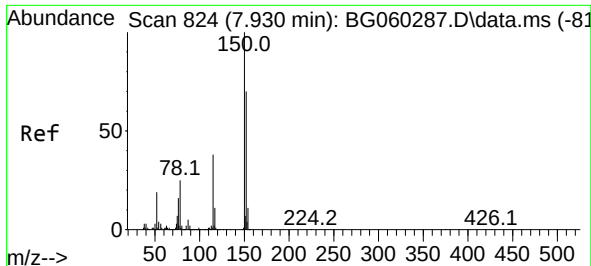
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011124\
Data File : BG060311.D
Acq On : 11 Jan 2024 15:59
Operator : MA/JU
Sample : P1100-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-2

Quant Time: Jan 11 16:57:32 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

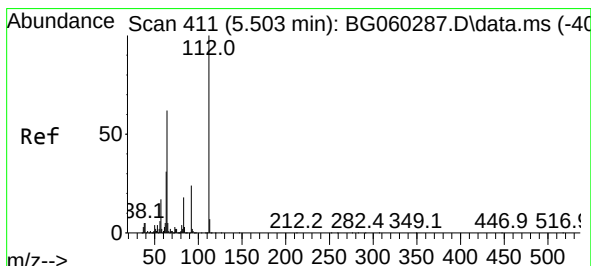
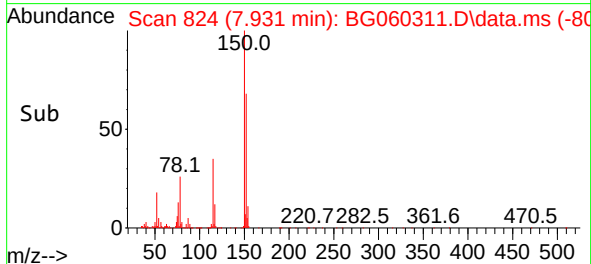
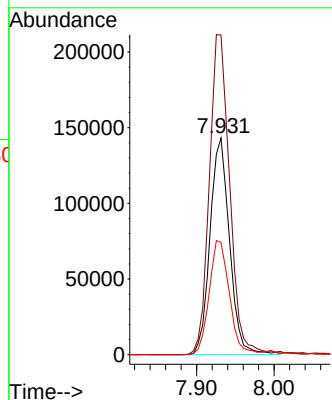
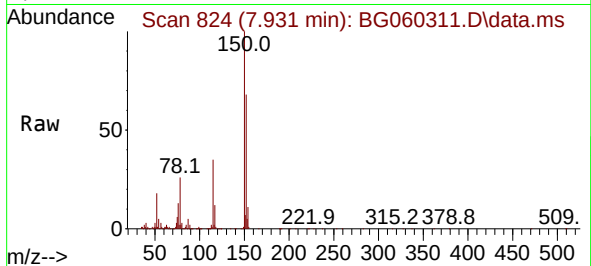




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG060311.D
Acq: 11 Jan 2024 15:59

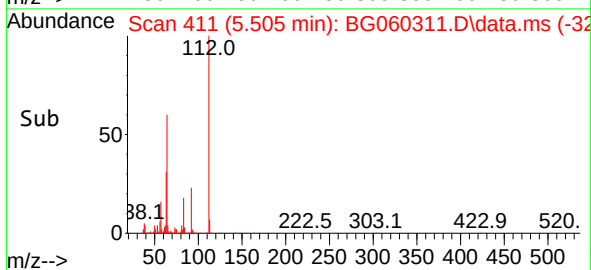
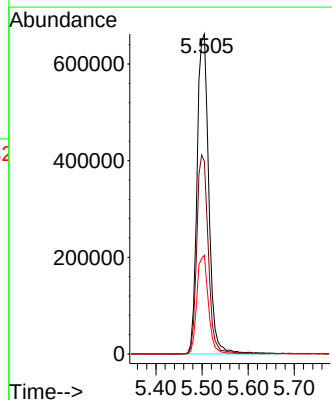
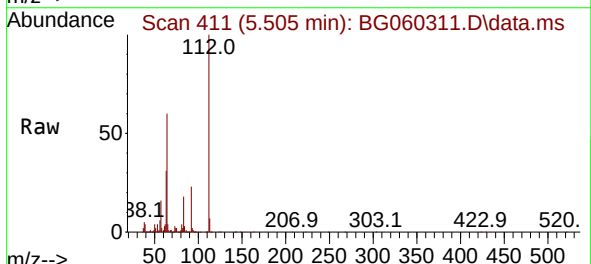
Instrument :
BNA_G
ClientSampleId :
COMP-2

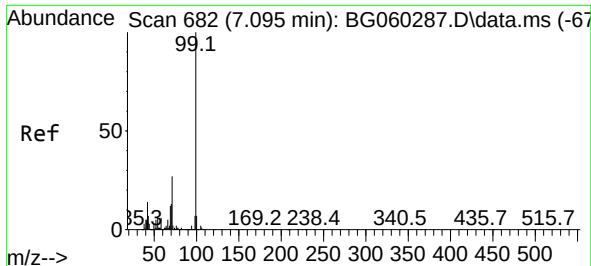
Tgt Ion:152 Resp: 250673
Ion Ratio Lower Upper
152 100
150 147.5 114.5 171.7
115 51.8 43.0 64.6



#5
2-Fluorophenol
Concen: 76.572 ng
RT: 5.505 min Scan# 411
Delta R.T. 0.002 min
Lab File: BG060311.D
Acq: 11 Jan 2024 15:59

Tgt Ion:112 Resp: 1166985
Ion Ratio Lower Upper
112 100
64 60.2 49.8 74.6
63 30.8 24.4 36.6



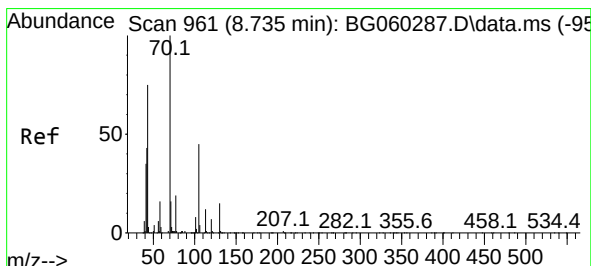
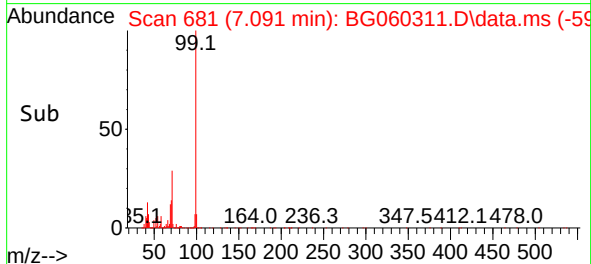
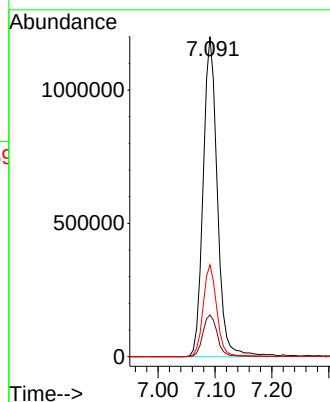
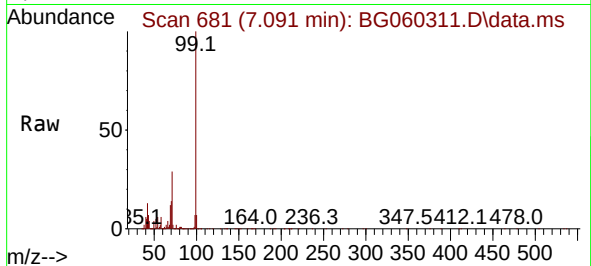


#7
Phenol-d6
Concen: 92.064 ng
RT: 7.091 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060311.D
Acq: 11 Jan 2024 15:59

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion: 99 Resp: 2077661

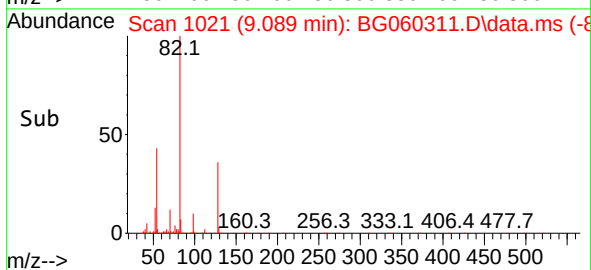
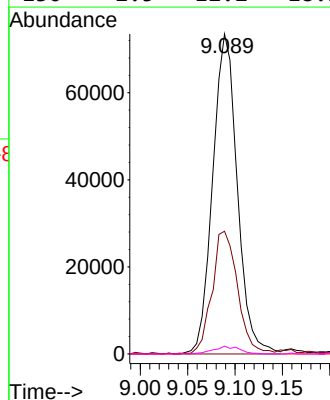
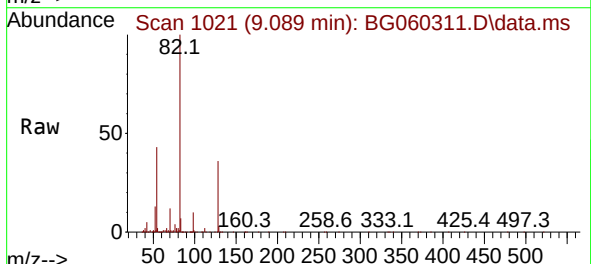
Ion	Ratio	Lower	Upper
99	100		
42	13.0	10.9	16.3
71	28.7	21.5	32.3

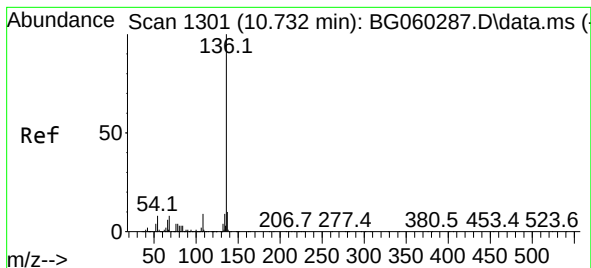


#19
n-Nitroso-di-n-propylamine
Concen: 8.494 ng
RT: 9.089 min Scan# 1021
Delta R.T. 0.354 min
Lab File: BG060311.D
Acq: 11 Jan 2024 15:59

Tgt Ion: 70 Resp: 132676

Ion	Ratio	Lower	Upper
70	100		
42	38.4	34.3	51.5
101	0.0	6.2	9.2#
130	2.5	12.2	18.2#

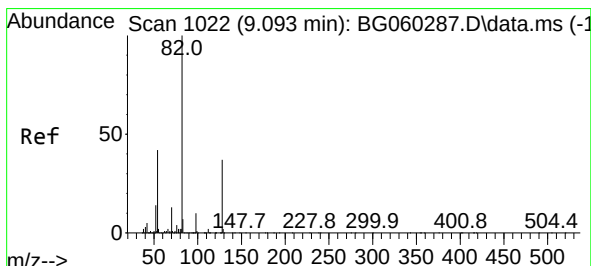
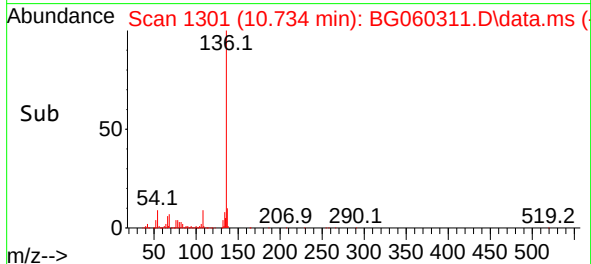
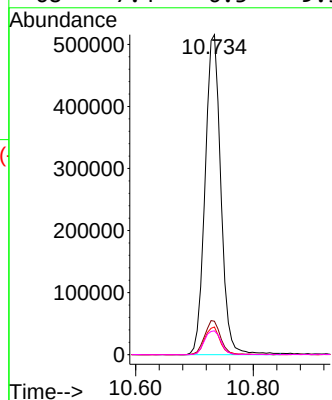
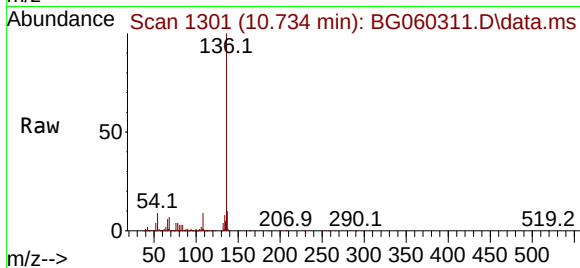




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG060311.D
Acq: 11 Jan 2024 15:59

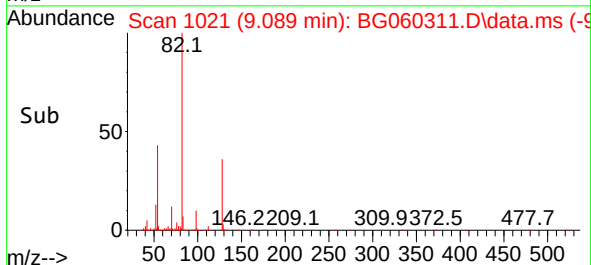
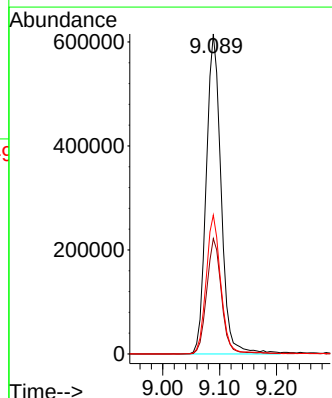
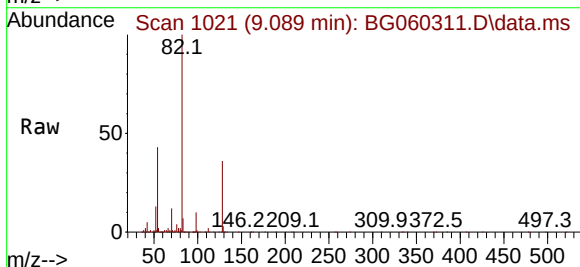
Instrument :
BNA_G
ClientSampleId :
COMP-2

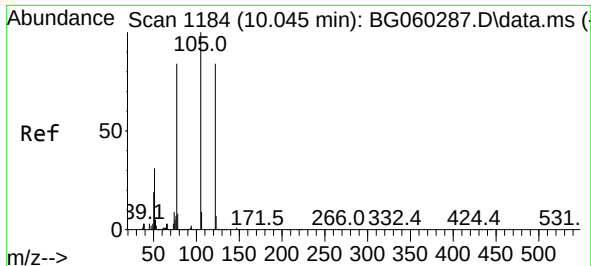
Tgt Ion:	136	Resp:	958868
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.4
54	8.6	6.2	9.2
68	7.4	6.3	9.5



#23
Nitrobenzene-d5
Concen: 54.824 ng
RT: 9.089 min Scan# 1021
Delta R.T. -0.004 min
Lab File: BG060311.D
Acq: 11 Jan 2024 15:59

Tgt Ion:	82	Resp:	1113272
Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.6	44.4
54	43.4	33.6	50.4

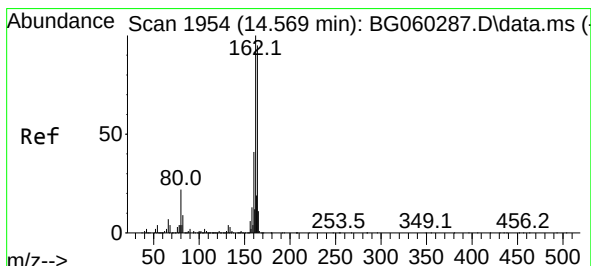
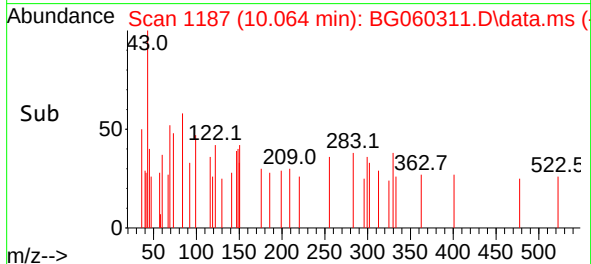
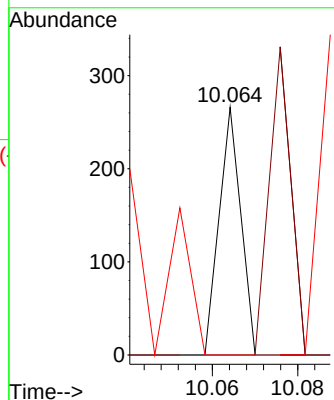
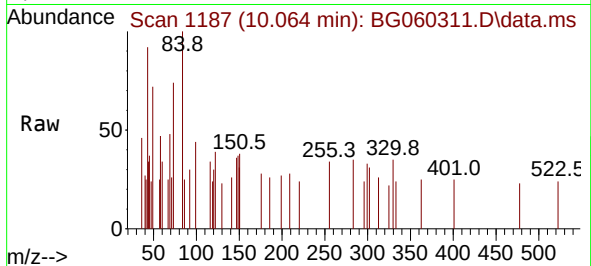




#32
Benzoic acid
Concen: 10.209 ng
RT: 10.064 min Scan# 1184
Delta R.T. 0.019 min
Lab File: BG060311.D
Acq: 11 Jan 2024 15:59

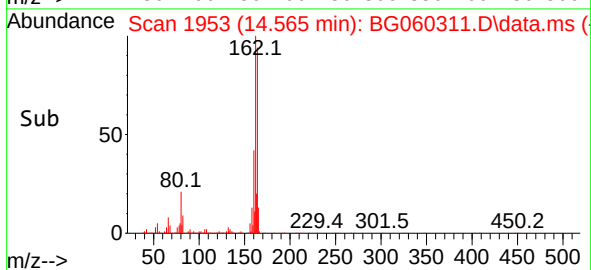
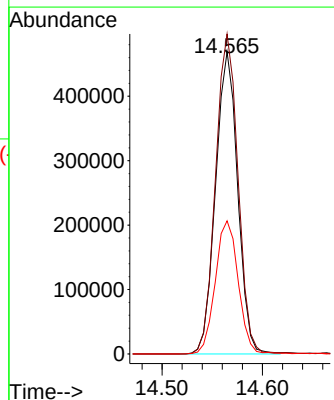
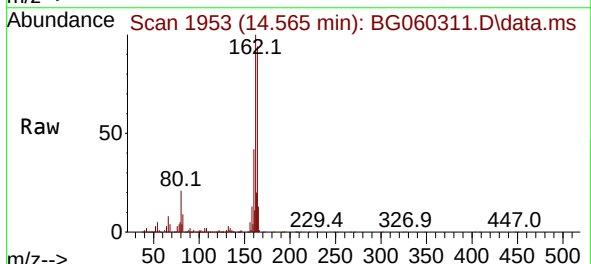
Instrument :
BNA_G
ClientSampleId :
COMP-2

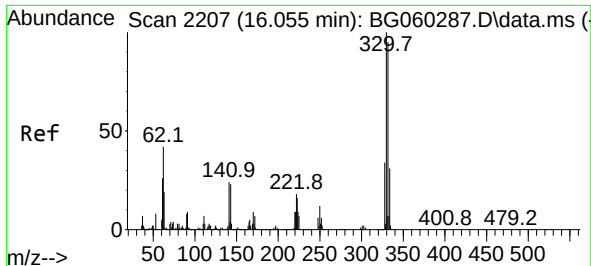
Tgt Ion:122 Resp: 94
Ion Ratio Lower Upper
122 100
105 0.0 96.0 136.0#
77 0.0 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.565 min Scan# 1953
Delta R.T. -0.004 min
Lab File: BG060311.D
Acq: 11 Jan 2024 15:59

Tgt Ion:164 Resp: 715812
Ion Ratio Lower Upper
164 100
162 105.9 84.4 126.6
160 44.0 34.6 52.0

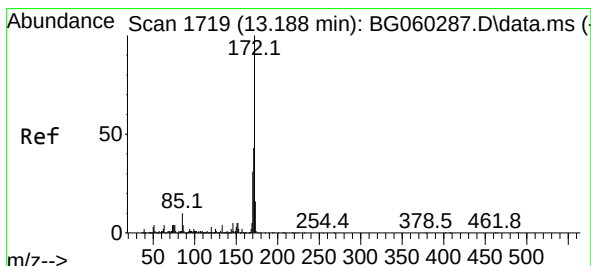
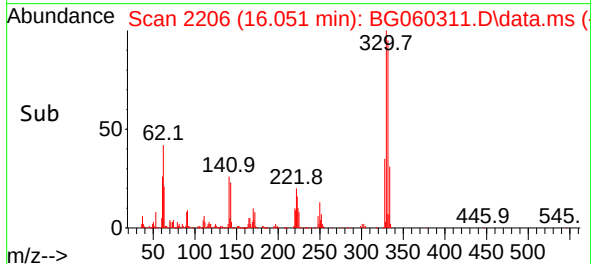
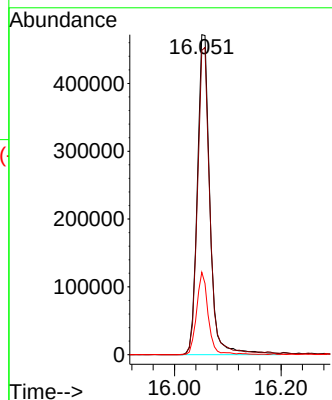
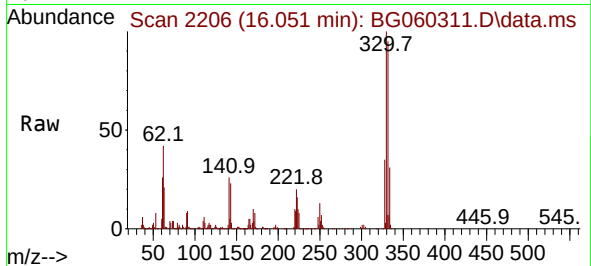




#42
2,4,6-Tribromophenol
Concen: 73.087 ng
RT: 16.051 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060311.D
Acq: 11 Jan 2024 15:59

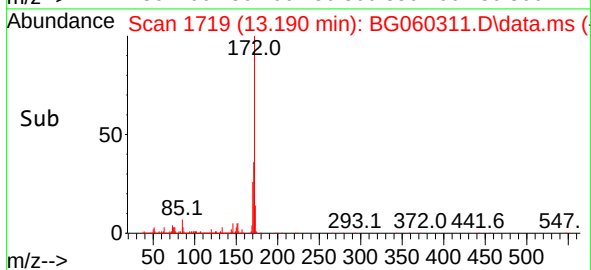
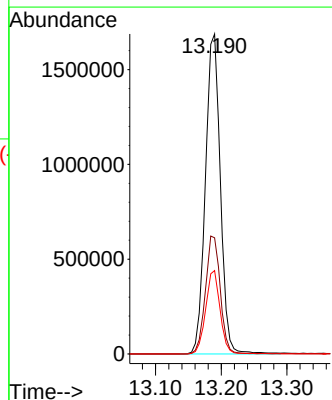
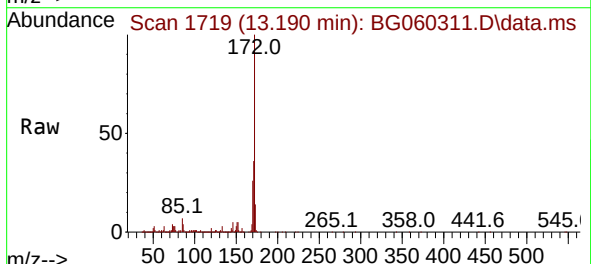
Instrument :
BNA_G
ClientSampleId :
COMP-2

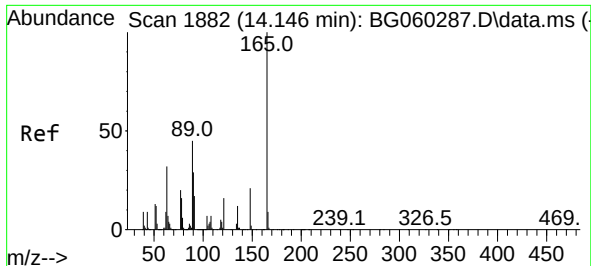
Tgt Ion:330 Resp: 769724
Ion Ratio Lower Upper
330 100
332 94.5 76.7 115.1
141 23.7 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 52.097 ng
RT: 13.190 min Scan# 1719
Delta R.T. 0.002 min
Lab File: BG060311.D
Acq: 11 Jan 2024 15:59

Tgt Ion:172 Resp: 2682255
Ion Ratio Lower Upper
172 100
171 36.3 34.6 51.8
170 26.0 24.4 36.6

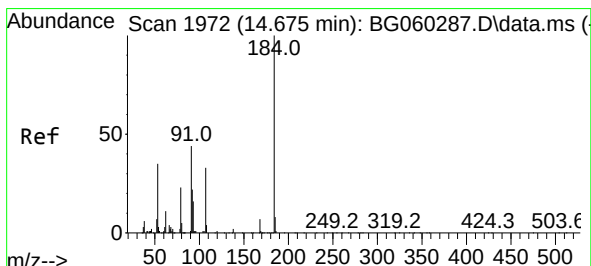
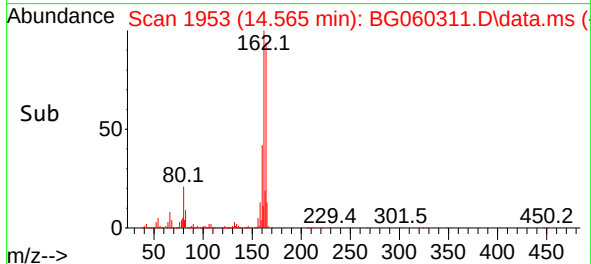
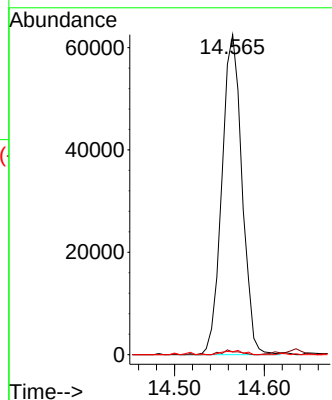
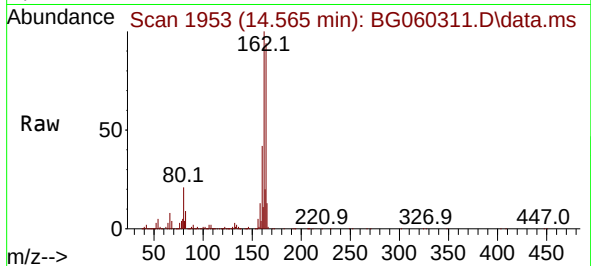




#51
2,6-Dinitrotoluene
Concen: 8.340 ng
RT: 14.565 min Scan# 1953
Delta R.T. 0.419 min
Lab File: BG060311.D
Acq: 11 Jan 2024 15:59

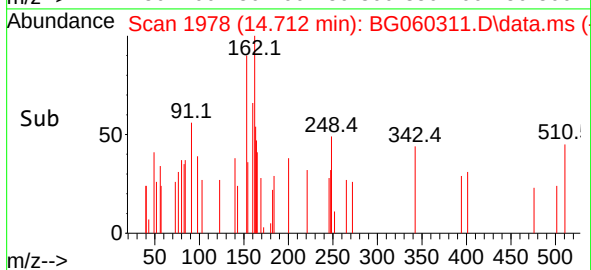
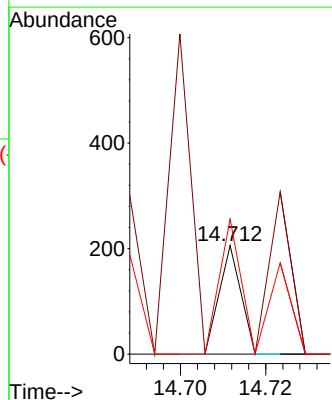
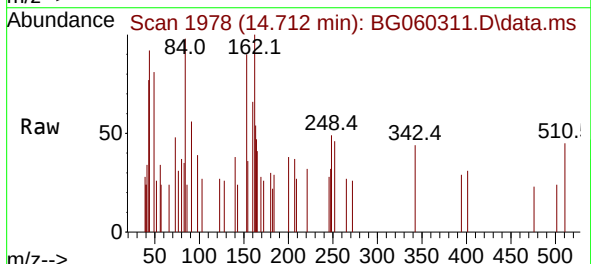
Instrument :
BNA_G
ClientSampleId :
COMP-2

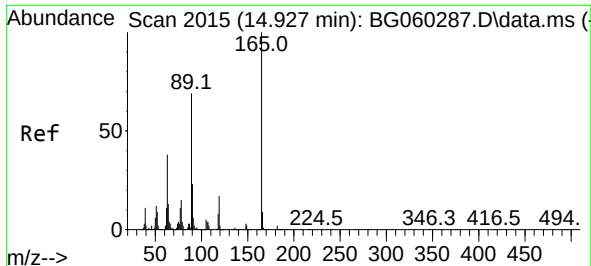
Tgt Ion:165 Resp: 97347
Ion Ratio Lower Upper
165 100
63 0.8 35.0 52.4#
89 0.9 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.596 ng
RT: 14.712 min Scan# 1978
Delta R.T. 0.037 min
Lab File: BG060311.D
Acq: 11 Jan 2024 15:59

Tgt Ion:184 Resp: 73
Ion Ratio Lower Upper
184 100
63 0.0 41.0 61.4#
154 124.3 39.2 58.8#

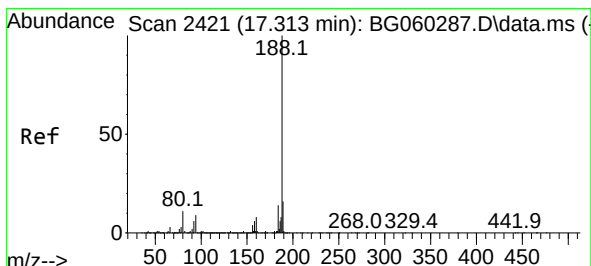
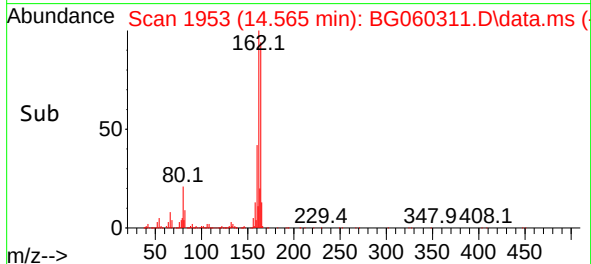
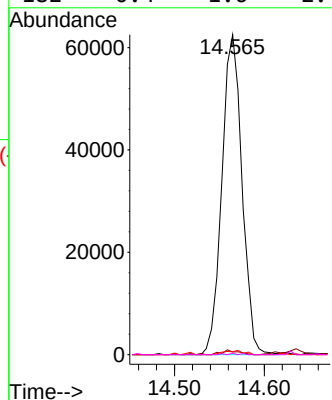
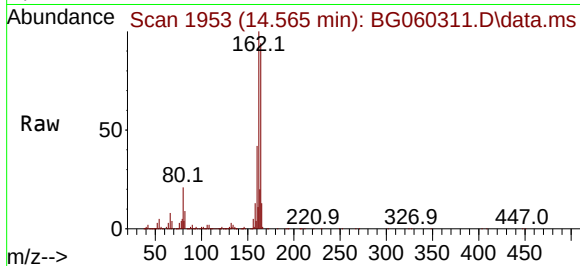




#57
2,4-Dinitrotoluene
Concen: 6.082 ng
RT: 14.565 min Scan# 1953
Delta R.T. -0.363 min
Lab File: BG060311.D
Acq: 11 Jan 2024 15:59

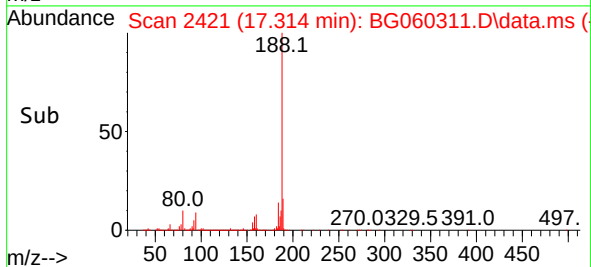
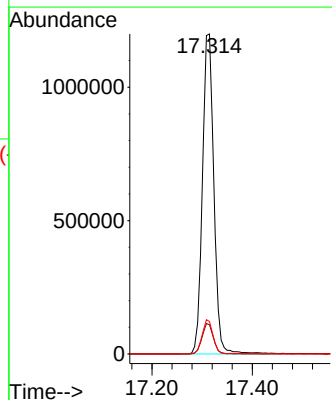
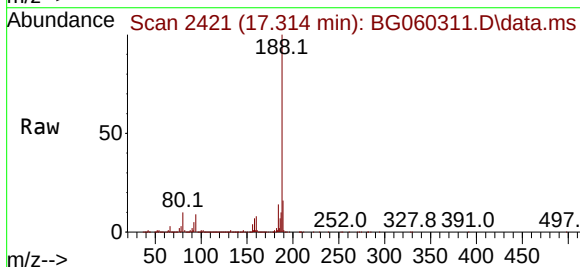
Instrument :
BNA_G
ClientSampleId :
COMP-2

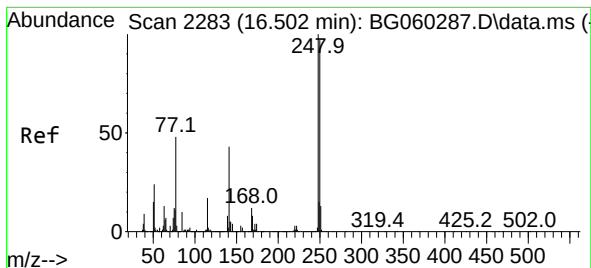
Tgt Ion:165 Resp: 97347
Ion Ratio Lower Upper
165 100
63 0.8 30.4 45.6#
89 0.9 55.4 83.0#
182 0.4 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.314 min Scan# 2421
Delta R.T. 0.002 min
Lab File: BG060311.D
Acq: 11 Jan 2024 15:59

Tgt Ion:188 Resp: 1897667
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 10.2 8.5 12.7

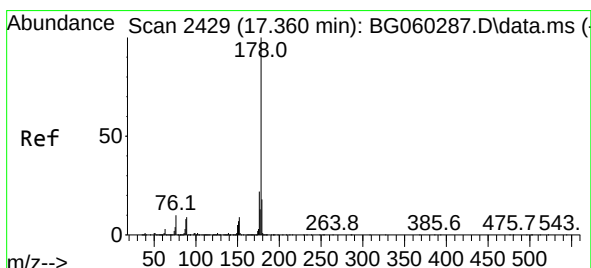
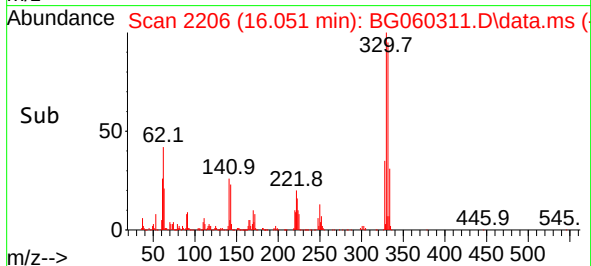
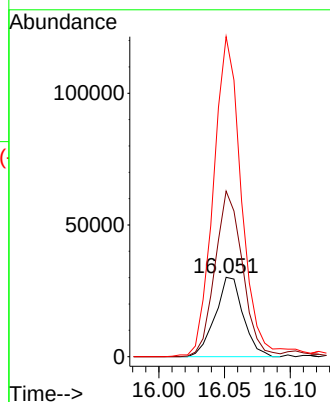
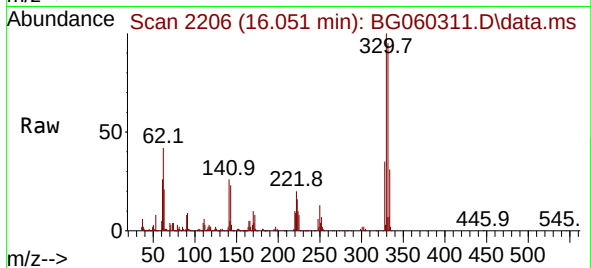




#67
4-Bromophenyl-phenylether
Concen: 2.137 ng
RT: 16.051 min Scan# 21
Delta R.T. -0.451 min
Lab File: BG060311.D
Acq: 11 Jan 2024 15:59

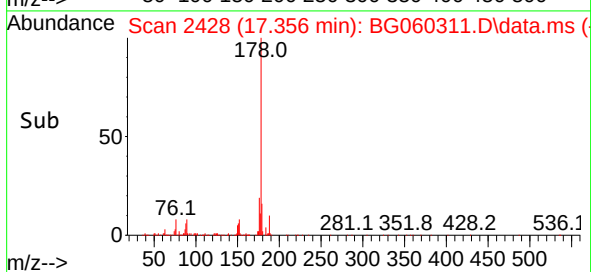
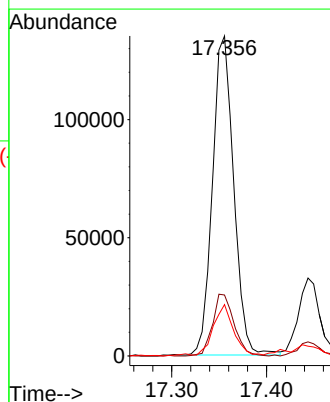
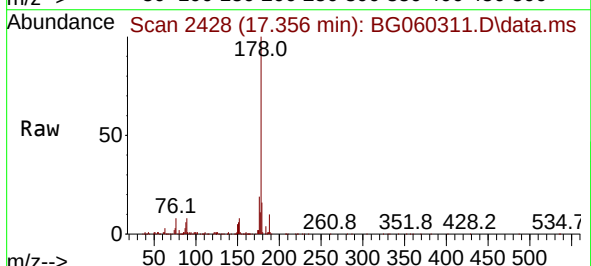
Instrument :
BNA_G
ClientSampleId :
COMP-2

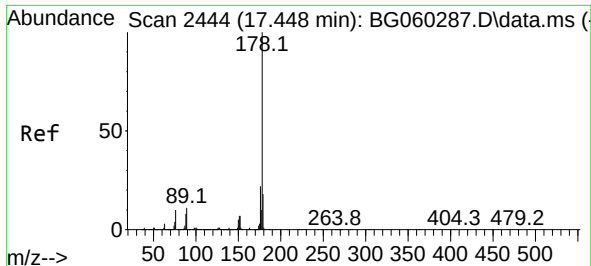
Tgt Ion:248 Resp: 44558
Ion Ratio Lower Upper
248 100
250 166.0 77.6 116.4#
141 320.9 34.2 51.4#



#71
Phenanthrene
Concen: 2.290 ng
RT: 17.356 min Scan# 2428
Delta R.T. -0.004 min
Lab File: BG060311.D
Acq: 11 Jan 2024 15:59

Tgt Ion:178 Resp: 210055
Ion Ratio Lower Upper
178 100
176 19.0 17.4 26.2
179 16.1 14.7 22.1

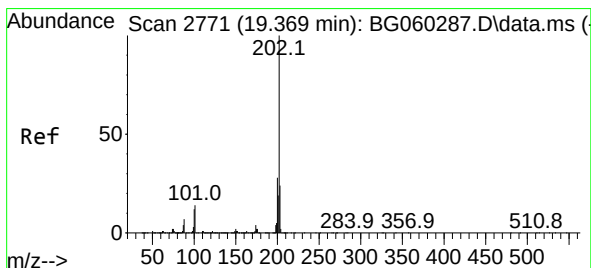
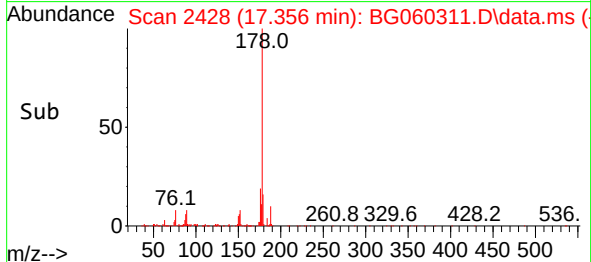
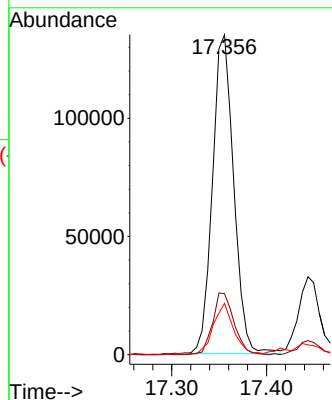
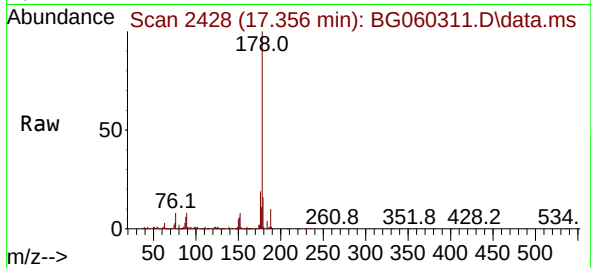




#72
 Anthracene
 Concen: 2.294 ng
 RT: 17.356 min Scan# 2444
 Delta R.T. -0.092 min
 Lab File: BG060311.D
 Acq: 11 Jan 2024 15:59

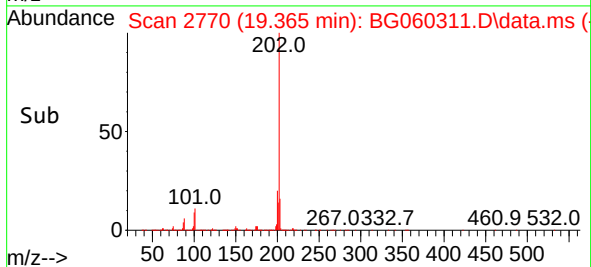
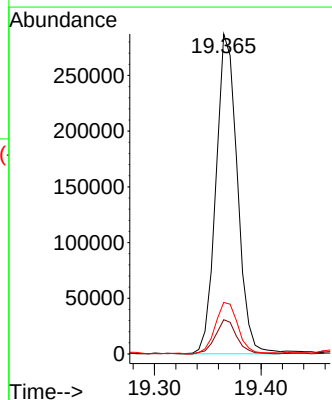
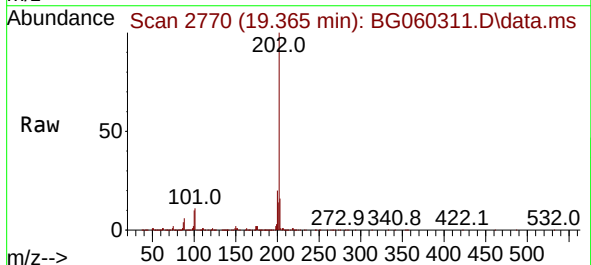
Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

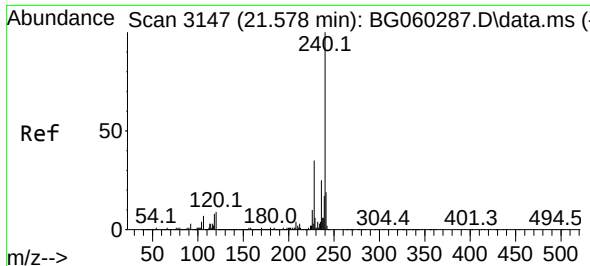
Tgt Ion:178 Resp: 210055
 Ion Ratio Lower Upper
 178 100
 176 19.0 17.8 26.6
 179 16.1 14.1 21.1



#75
 Fluoranthene
 Concen: 3.622 ng
 RT: 19.365 min Scan# 2770
 Delta R.T. -0.004 min
 Lab File: BG060311.D
 Acq: 11 Jan 2024 15:59

Tgt Ion:202 Resp: 399068
 Ion Ratio Lower Upper
 202 100
 101 10.7 0.0 34.4
 203 16.1 4.0 44.0

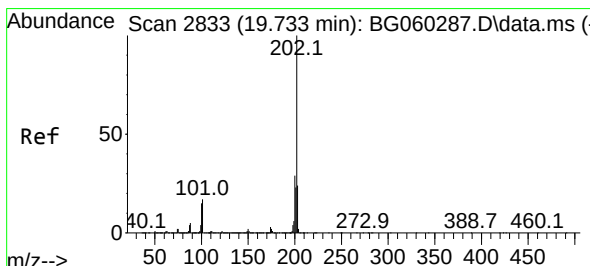
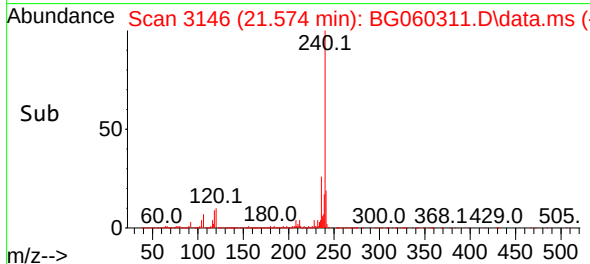
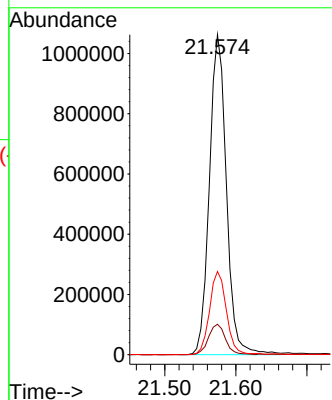
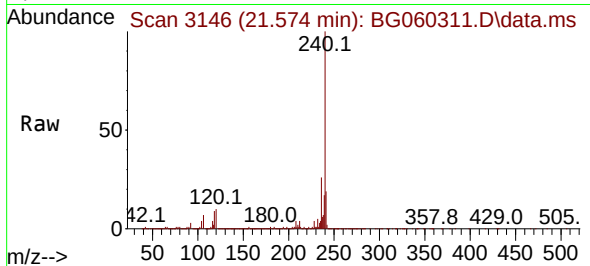




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3146
Delta R.T. -0.004 min
Lab File: BG060311.D
Acq: 11 Jan 2024 15:59

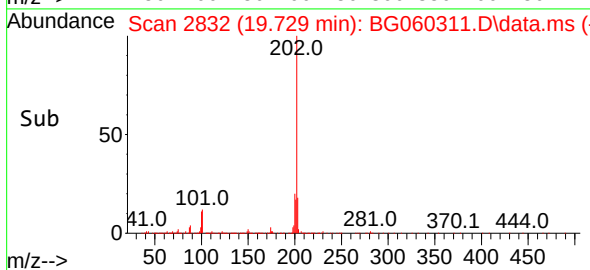
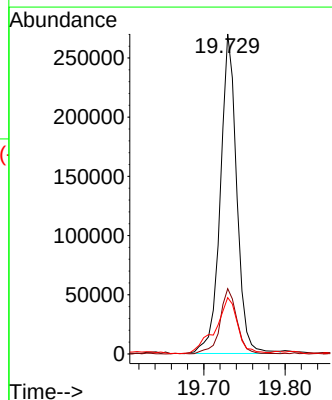
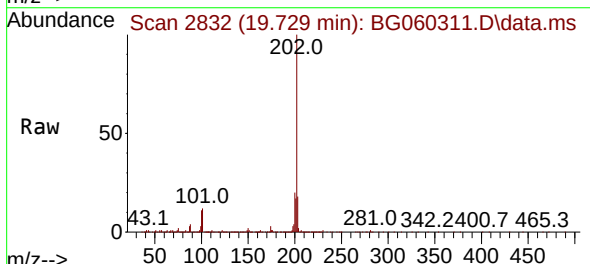
Instrument :
BNA_G
ClientSampleId :
COMP-2

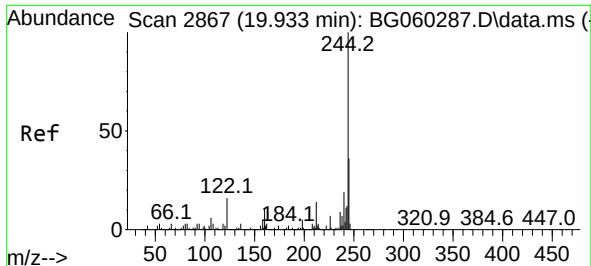
Tgt Ion:240 Resp: 1768131
Ion Ratio Lower Upper
240 100
120 9.5 7.3 10.9
236 26.0 20.3 30.5



#78
Pyrene
Concen: 3.361 ng
RT: 19.729 min Scan# 2832
Delta R.T. -0.004 min
Lab File: BG060311.D
Acq: 11 Jan 2024 15:59

Tgt Ion:202 Resp: 379452
Ion Ratio Lower Upper
202 100
200 20.4 23.5 35.3#
203 17.6 19.6 29.4#

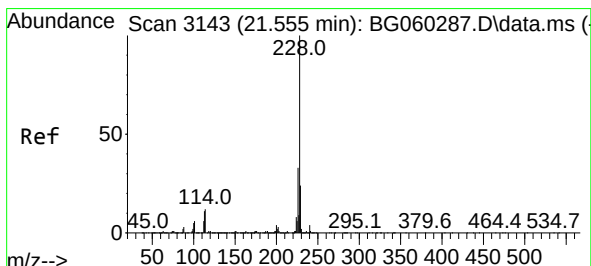
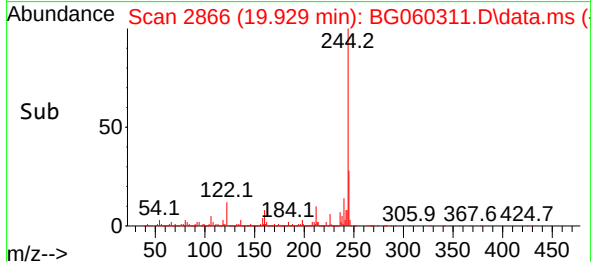
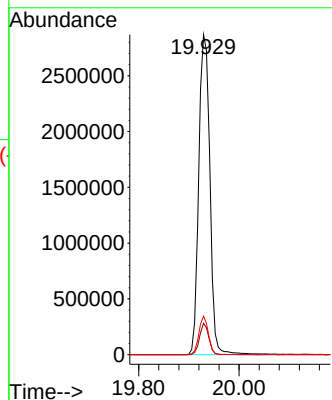
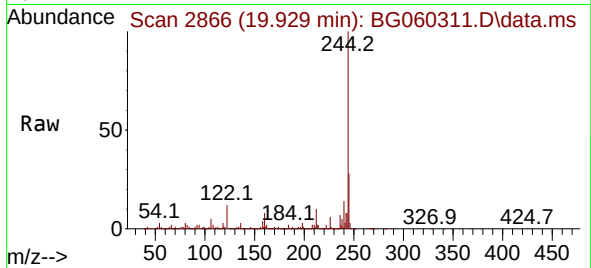




#79
 Terphenyl-d14
 Concen: 54.943 ng
 RT: 19.929 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG060311.D
 Acq: 11 Jan 2024 15:59

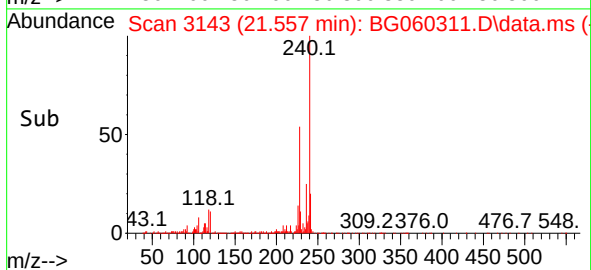
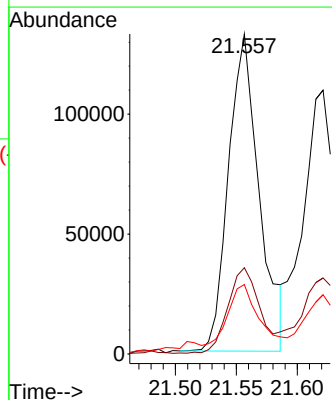
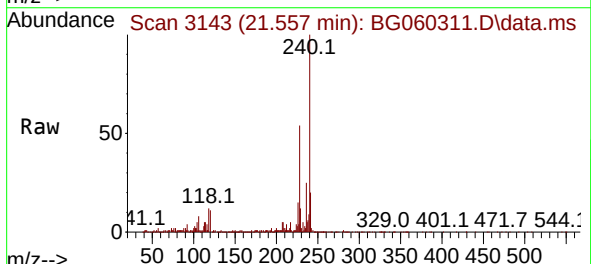
Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

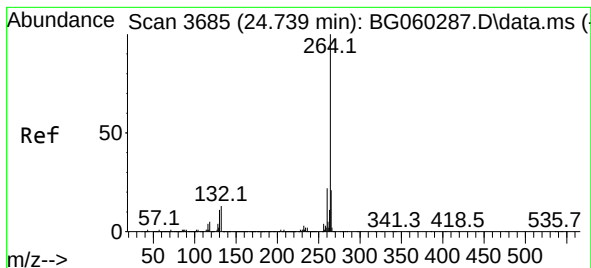
Tgt Ion:244 Resp: 4408986
 Ion Ratio Lower Upper
 244 100
 212 9.8 10.9 16.3#
 122 12.1 12.6 18.8#



#81
 Benzo(a)anthracene
 Concen: 2.118 ng
 RT: 21.557 min Scan# 3143
 Delta R.T. 0.002 min
 Lab File: BG060311.D
 Acq: 11 Jan 2024 15:59

Tgt Ion:228 Resp: 231828
 Ion Ratio Lower Upper
 228 100
 226 26.9 26.2 39.2
 229 21.7 19.4 29.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.741 min Scan# 3

Delta R.T. 0.002 min

Lab File: BG060311.D

Acq: 11 Jan 2024 15:59

Instrument :

BNA_G

ClientSampleId :

COMP-2

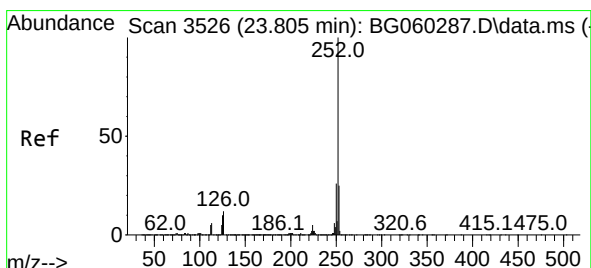
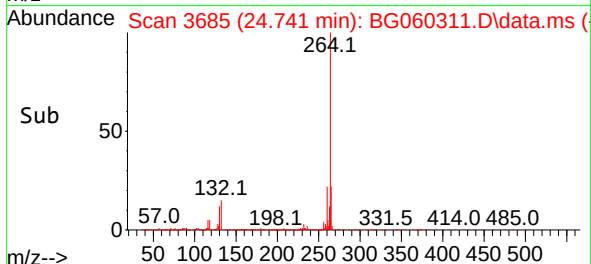
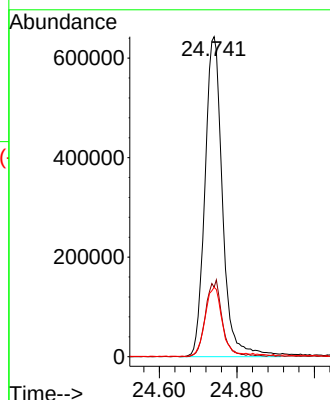
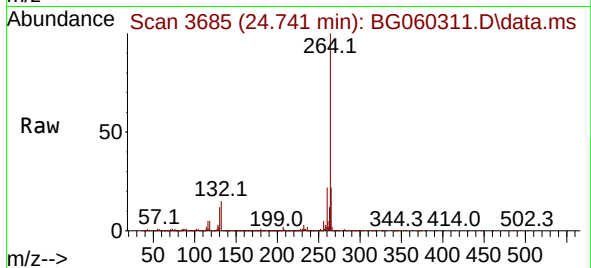
Tgt Ion:264 Resp: 2018227

Ion Ratio Lower Upper

264 100

260 21.7 17.8 26.6

265 21.7 16.8 25.2



#89

Benzo(k)fluoranthene

Concen: 2.021 ng

RT: 23.736 min Scan# 3514

Delta R.T. -0.069 min

Lab File: BG060311.D

Acq: 11 Jan 2024 15:59

Tgt Ion:252 Resp: 237764

Ion Ratio Lower Upper

252 100

253 24.0 19.6 29.4

125 10.9 8.2 12.2

