

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012224\
 Data File : BG060391.D
 Acq On : 22 Jan 2024 19:08
 Operator : MA/JU
 Sample : P1207-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 23 00:39:12 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)

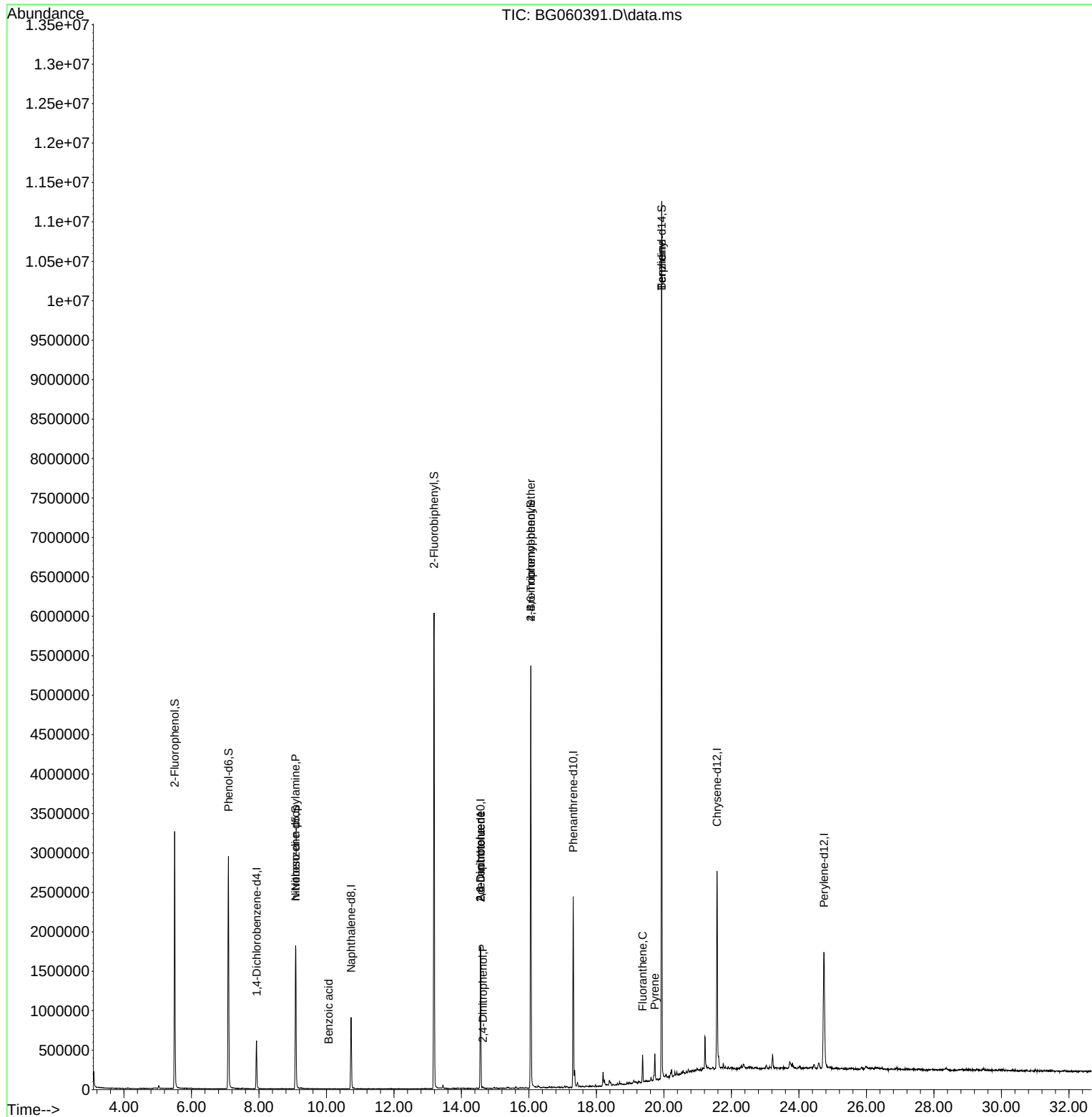
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	191133	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	840264	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	645429	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	1609198	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1479090	20.000	ng	0.00
86) Perylene-d12	24.739	264	1697782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	1545050	132.959	ng	0.00
7) Phenol-d6	7.095	99	2035926	118.318	ng	0.00
23) Nitrobenzene-d5	9.087	82	1272067	71.486	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	1213427	127.781	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	3393995	73.110	ng	0.00
79) Terphenyl-d14	19.933	244	5209282	91.338	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.087	70	150385	12.628	ng	# 83
32) Benzoic acid	10.062	122	117	10.212	ng	# 1
51) 2,6-Dinitrotoluene	14.563	165	88970	8.454	ng	# 33
54) 2,4-Dinitrophenol	14.633	184	76	8.597	ng	# 1
57) 2,4-Dinitrotoluene	14.563	165	88970	6.165	ng	# 26
67) 4-Bromophenyl-phenylether	16.055	248	77872	4.404	ng	# 1
75) Fluoranthene	19.369	202	229312	2.455	ng	87
77) Benzidine	19.933	184	90521	2.817	ng	# 92
78) Pyrene	19.727	202	228499	2.419	ng	# 84

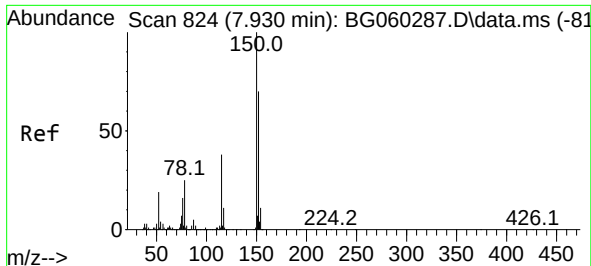
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
ClientSampleId :

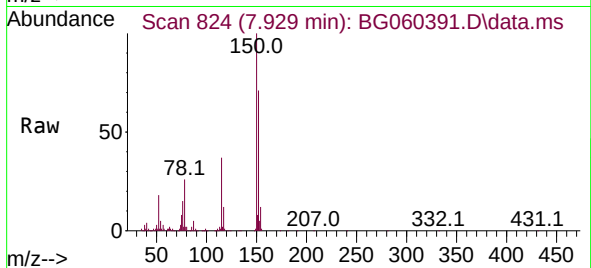
Quant Time: Jan 23 00:39:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 04:07:12 2024
Response via : Initial Calibration



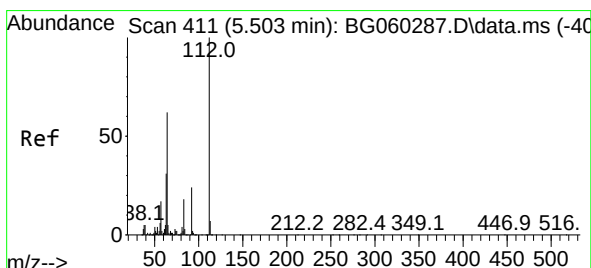
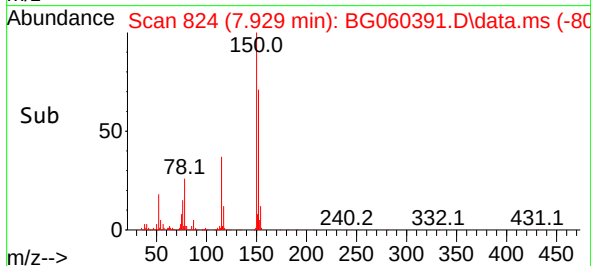
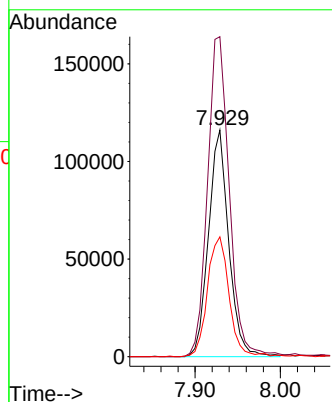


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060391.D
Acq: 22 Jan 2024 19:08

Instrument :
BNA_G
ClientSampleId :

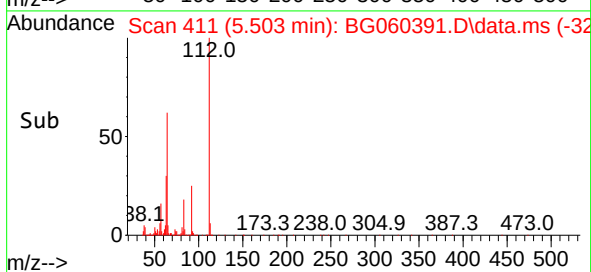
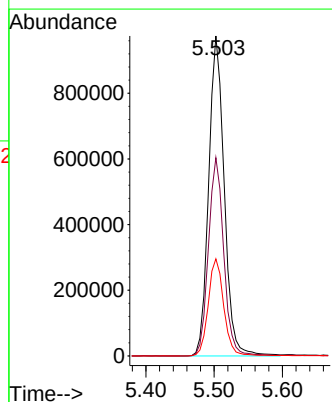
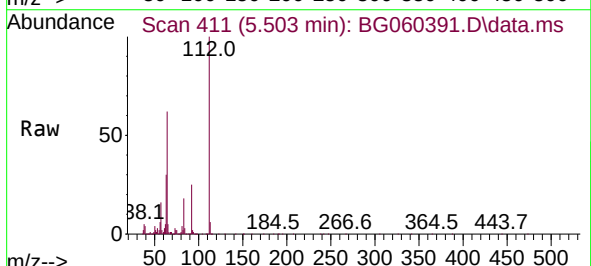


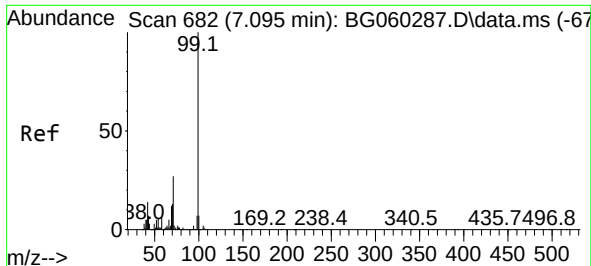
Tgt Ion:152 Resp: 191133
Ion Ratio Lower Upper
152 100
150 141.3 114.5 171.7
115 52.9 43.0 64.6



#5
2-Fluorophenol
Concen: 132.959 ng
RT: 5.503 min Scan# 411
Delta R.T. -0.000 min
Lab File: BG060391.D
Acq: 22 Jan 2024 19:08

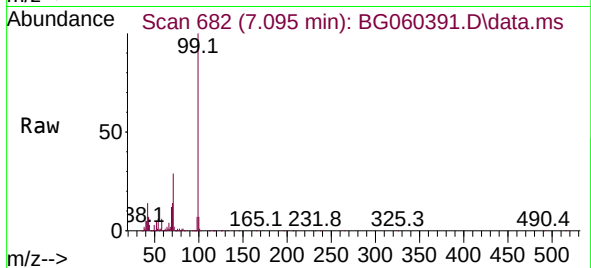
Tgt Ion:112 Resp: 1545050
Ion Ratio Lower Upper
112 100
64 61.9 49.8 74.6
63 30.4 24.4 36.6





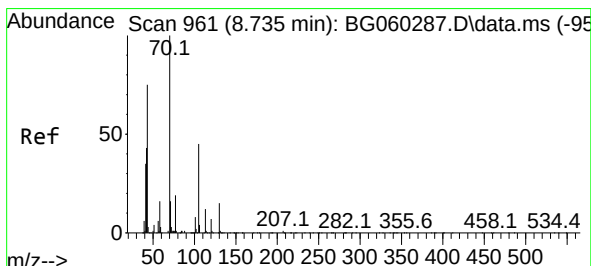
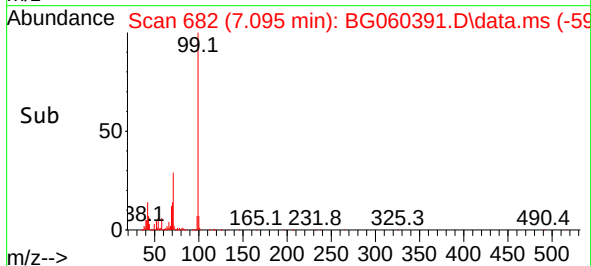
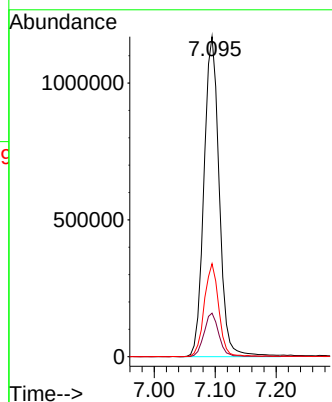
#7
Phenol-d6
Concen: 118.318 ng
RT: 7.095 min Scan# 682
Delta R.T. -0.000 min
Lab File: BG060391.D
Acq: 22 Jan 2024 19:08

Instrument :
BNA_G
ClientSampleId :



Tgt Ion: 99 Resp: 2035926

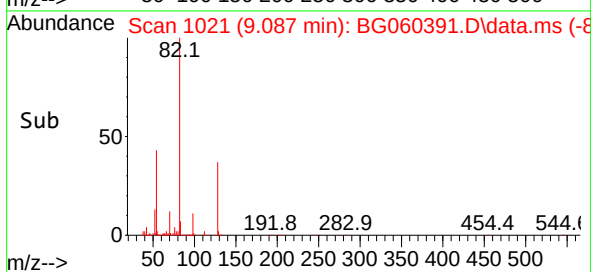
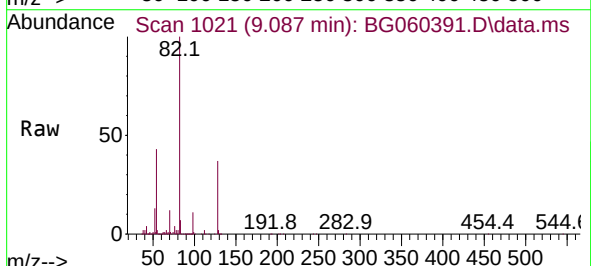
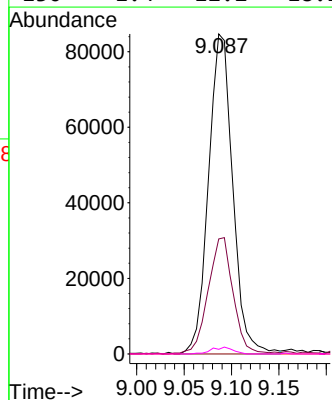
Ion	Ratio	Lower	Upper
99	100		
42	13.6	10.9	16.3
71	29.0	21.5	32.3

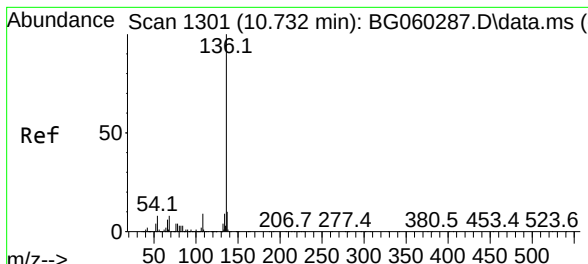


#19
n-Nitroso-di-n-propylamine
Concen: 12.628 ng
RT: 9.087 min Scan# 1021
Delta R.T. 0.352 min
Lab File: BG060391.D
Acq: 22 Jan 2024 19:08

Tgt Ion: 70 Resp: 150385

Ion	Ratio	Lower	Upper
70	100		
42	35.9	34.3	51.5
101	0.0	6.2	9.2#
130	1.4	12.2	18.2#

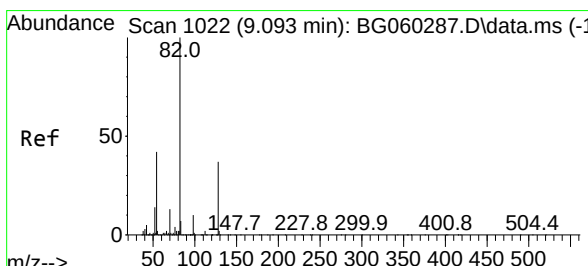
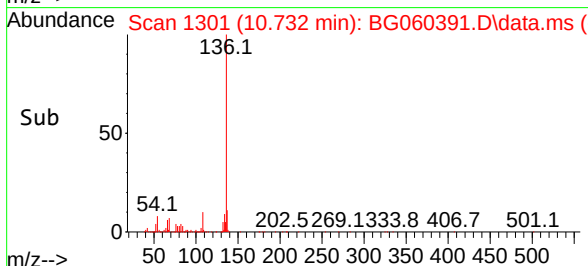
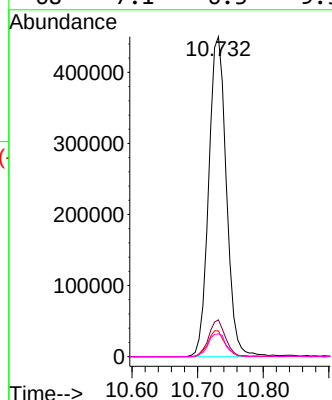
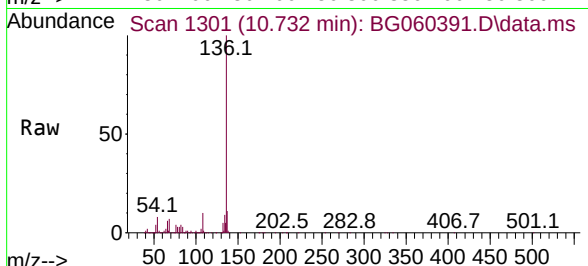




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BG060391.D
Acq: 22 Jan 2024 19:08

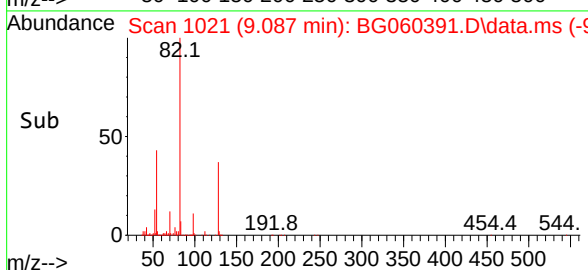
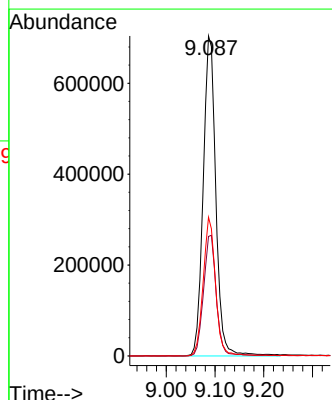
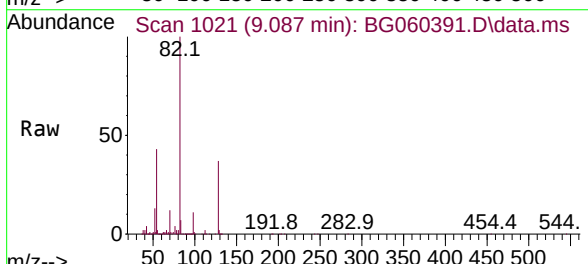
Instrument :
BNA_G
ClientSampleId :

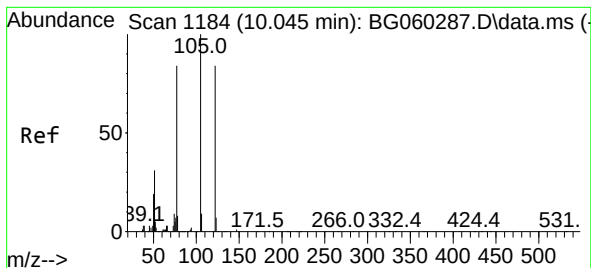
Tgt Ion:	136	Resp:	840264
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.2	12.4
54	8.0	6.2	9.2
68	7.1	6.3	9.5



#23
Nitrobenzene-d5
Concen: 71.486 ng
RT: 9.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BG060391.D
Acq: 22 Jan 2024 19:08

Tgt Ion:	82	Resp:	1272067
Ion Ratio	Lower	Upper	
82	100		
128	37.3	29.6	44.4
54	43.3	33.6	50.4





#32

Benzoic acid

Concen: 10.212 ng

RT: 10.062 min Scan# 1187

Delta R.T. 0.017 min

Lab File: BG060391.D

Acq: 22 Jan 2024 19:08

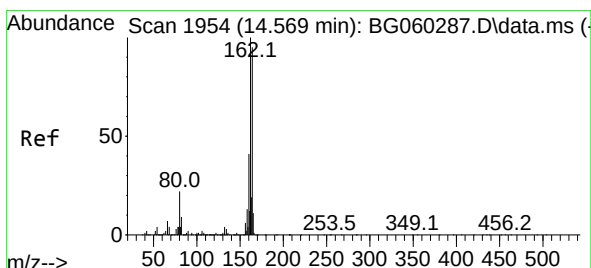
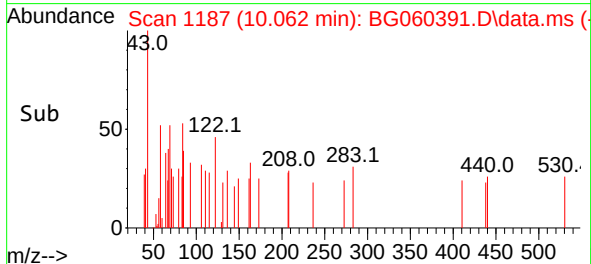
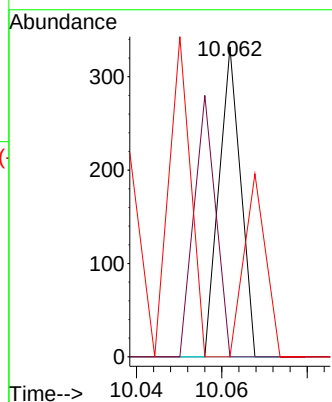
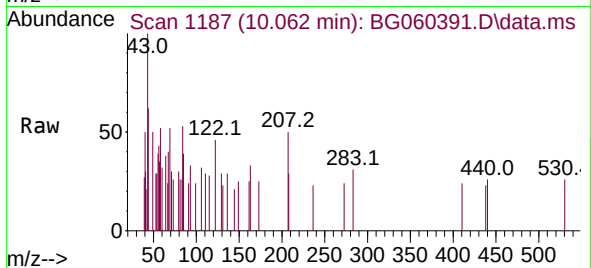
Instrument :

BNA_G

ClientSampleId :

Tgt Ion:122 Resp: 117

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: 14.563 min Scan# 1953

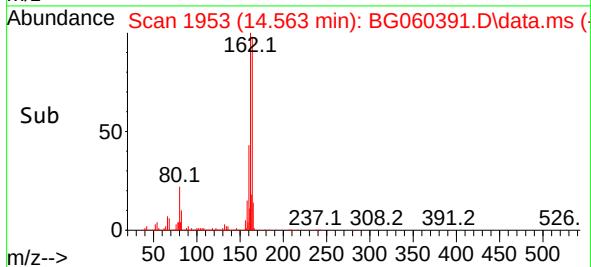
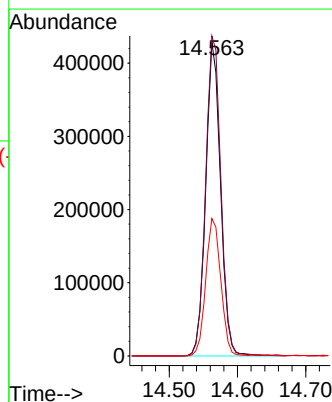
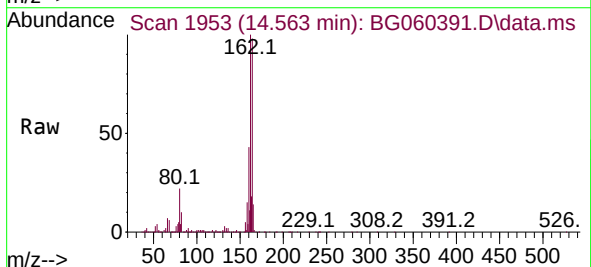
Delta R.T. -0.006 min

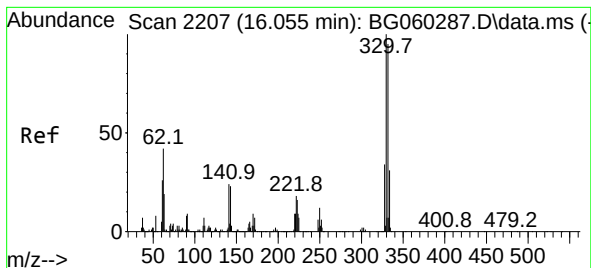
Lab File: BG060391.D

Acq: 22 Jan 2024 19:08

Tgt Ion:164 Resp: 645429

Ion	Ratio	Lower	Upper
164	100		
162	102.0	84.4	126.6
160	43.8	34.6	52.0

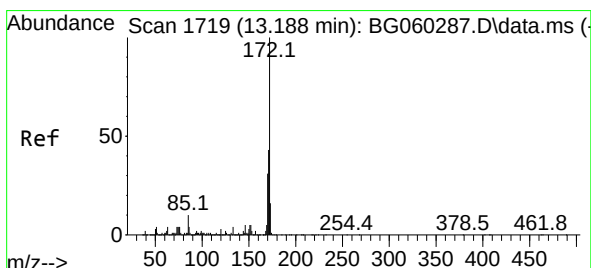
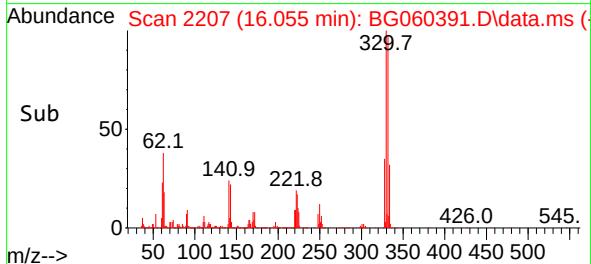
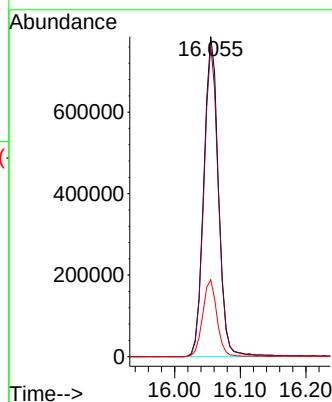
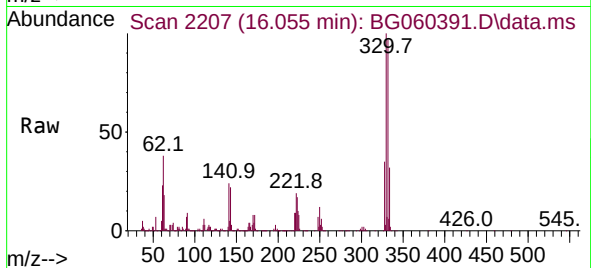




#42
2,4,6-Tribromophenol
Concen: 127.781 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060391.D
Acq: 22 Jan 2024 19:08

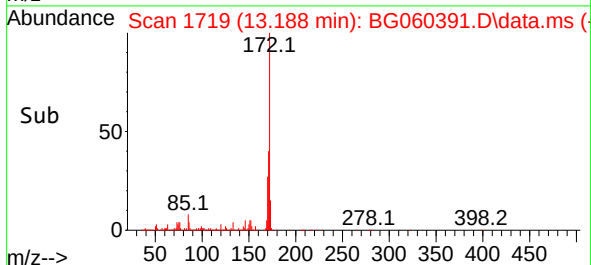
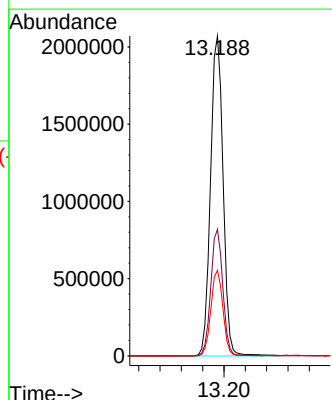
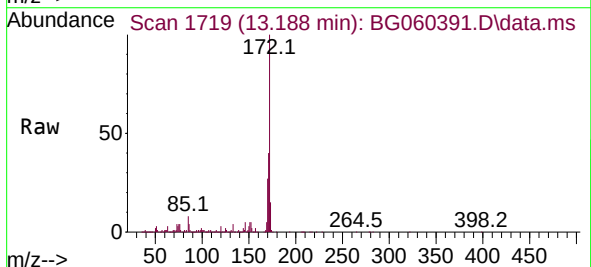
Instrument :
BNA_G
ClientSampleId :

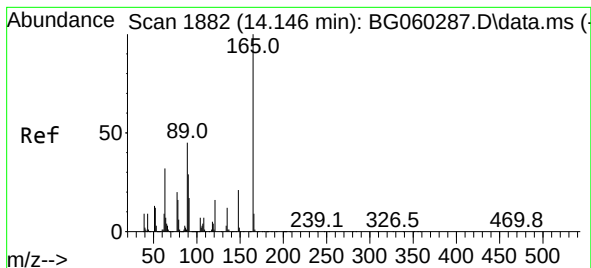
Tgt Ion:330 Resp: 1213427
Ion Ratio Lower Upper
330 100
332 95.7 76.7 115.1
141 23.4 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 73.110 ng
RT: 13.188 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BG060391.D
Acq: 22 Jan 2024 19:08

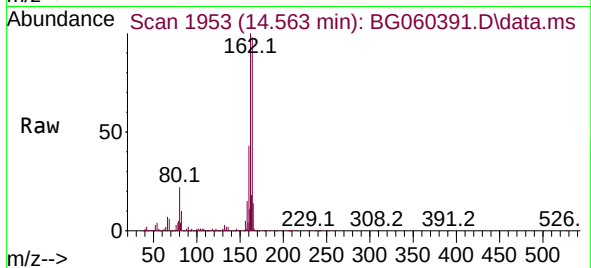
Tgt Ion:172 Resp: 3393995
Ion Ratio Lower Upper
172 100
171 39.5 34.6 51.8
170 26.7 24.4 36.6



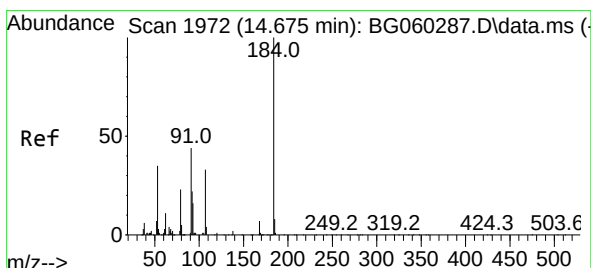
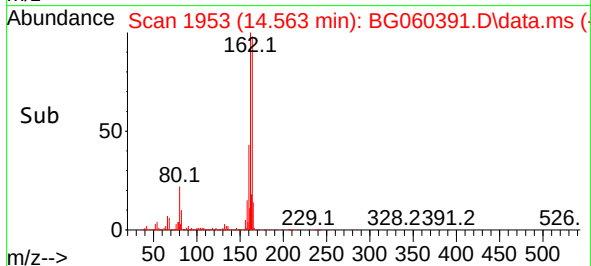
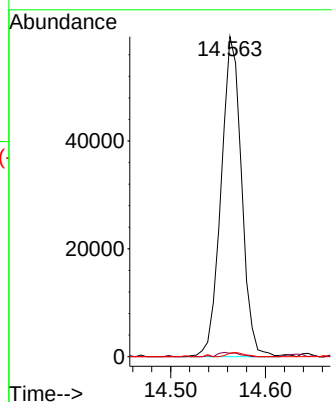


#51
2,6-Dinitrotoluene
Concen: 8.454 ng
RT: 14.563 min Scan# 1953
Delta R.T. 0.417 min
Lab File: BG060391.D
Acq: 22 Jan 2024 19:08

Instrument :
BNA_G
ClientSampleId :

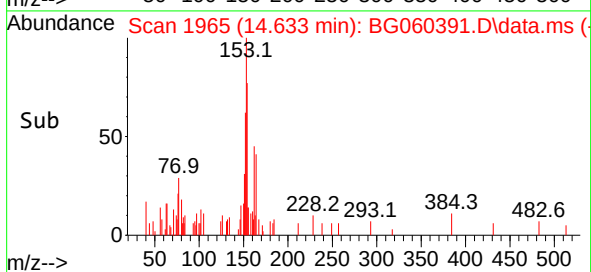
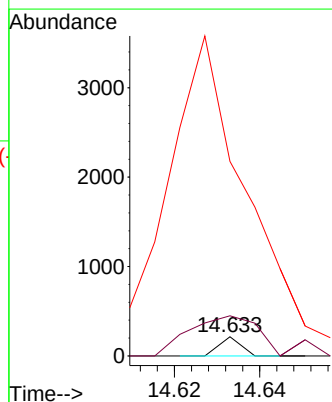
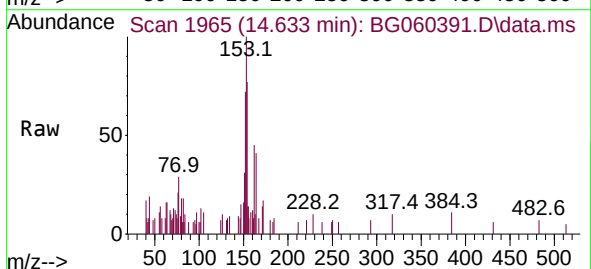


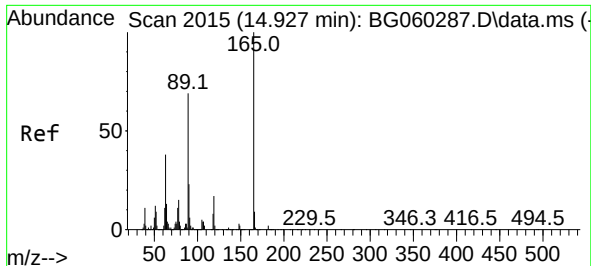
Tgt Ion:165 Resp: 88970
Ion Ratio Lower Upper
165 100
63 1.0 35.0 52.4#
89 1.1 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.597 ng
RT: 14.633 min Scan# 1965
Delta R.T. -0.042 min
Lab File: BG060391.D
Acq: 22 Jan 2024 19:08

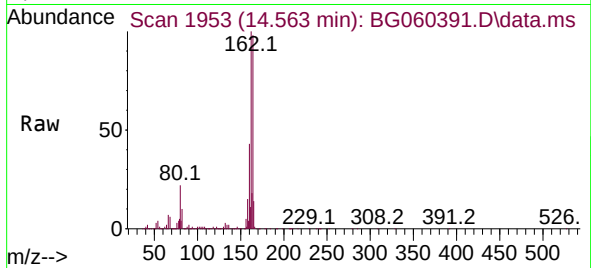
Tgt Ion:184 Resp: 76
Ion Ratio Lower Upper
184 100
63 208.8 41.0 61.4#
154 1012.1 39.2 58.8#



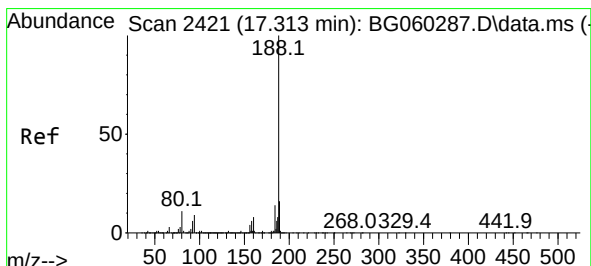
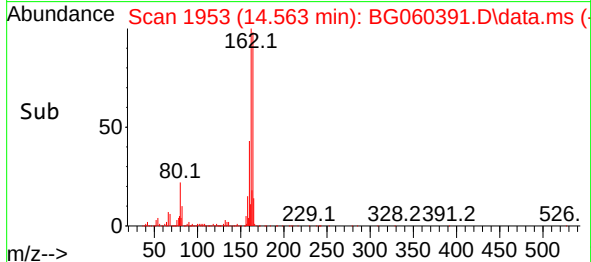
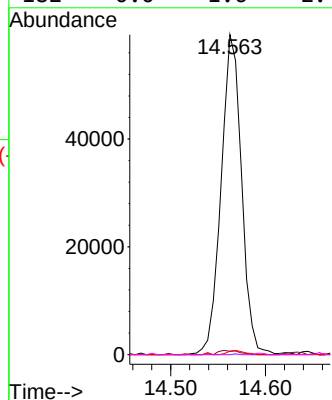


#57
2,4-Dinitrotoluene
Concen: 6.165 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.365 min
Lab File: BG060391.D
Acq: 22 Jan 2024 19:08

Instrument :
BNA_G
ClientSampleId :

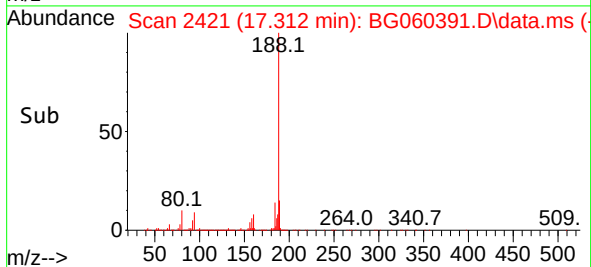
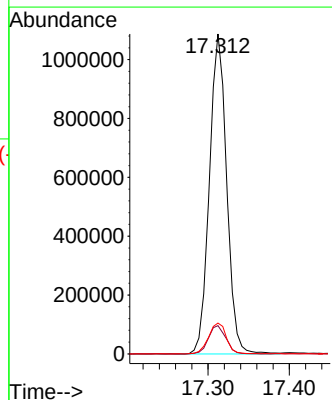
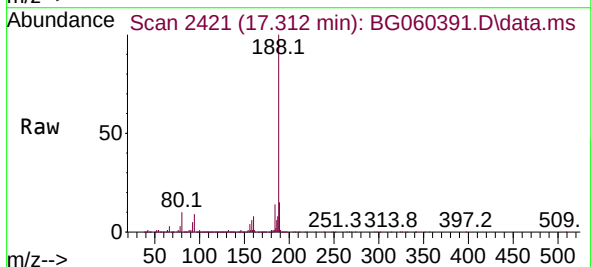


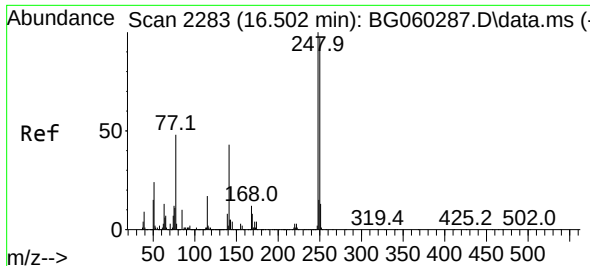
Tgt Ion:165 Resp: 88970
Ion Ratio Lower Upper
165 100
63 1.0 30.4 45.6#
89 1.1 55.4 83.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BG060391.D
Acq: 22 Jan 2024 19:08

Tgt Ion:188 Resp: 1609198
Ion Ratio Lower Upper
188 100
94 8.8 7.1 10.7
80 9.7 8.5 12.7

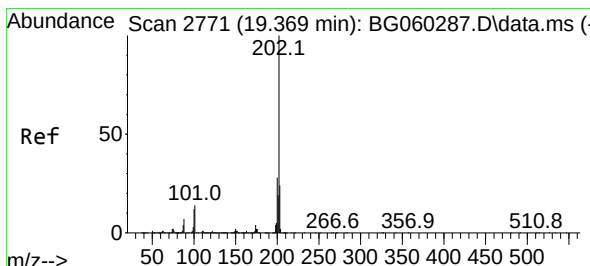
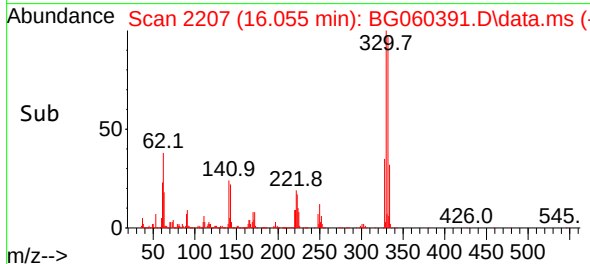
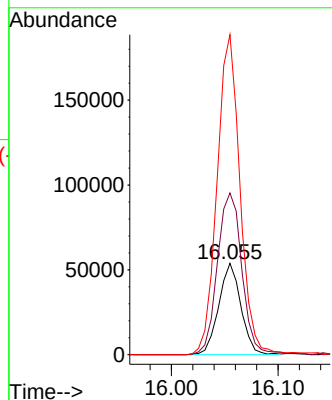
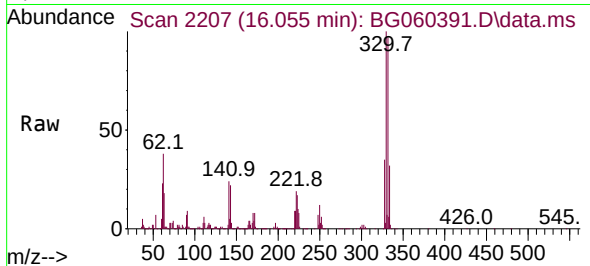




#67
4-Bromophenyl-phenylether
Concen: 4.404 ng
RT: 16.055 min Scan# 211
Delta R.T. -0.447 min
Lab File: BG060391.D
Acq: 22 Jan 2024 19:08

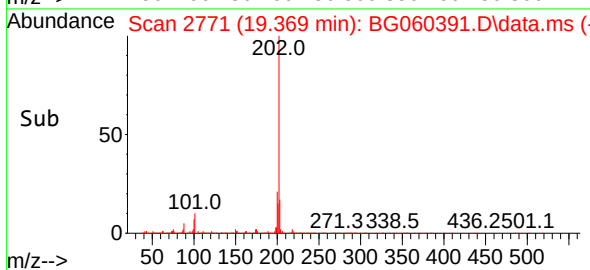
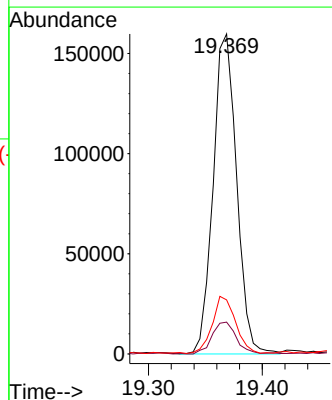
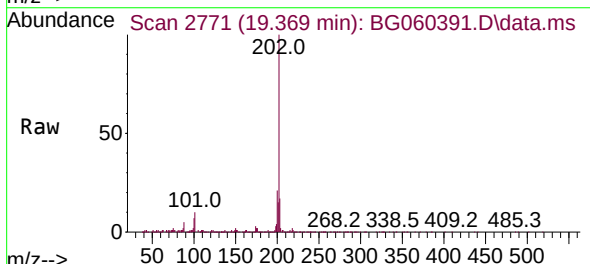
Instrument :
BNA_G
ClientSampleId :

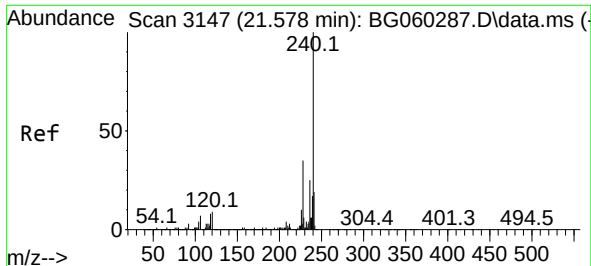
Tgt Ion:248 Resp: 77872
Ion Ratio Lower Upper
248 100
250 177.1 77.6 116.4#
141 350.3 34.2 51.4#



#75
Fluoranthene
Concen: 2.455 ng
RT: 19.369 min Scan# 2771
Delta R.T. -0.000 min
Lab File: BG060391.D
Acq: 22 Jan 2024 19:08

Tgt Ion:202 Resp: 229312
Ion Ratio Lower Upper
202 100
101 9.9 0.0 34.4
203 16.9 4.0 44.0

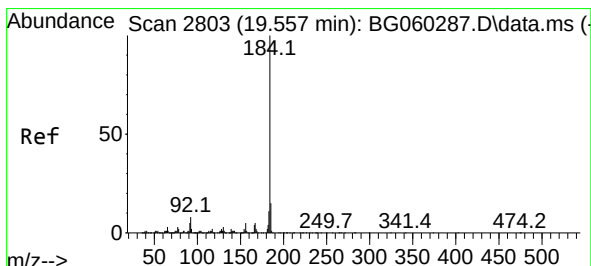
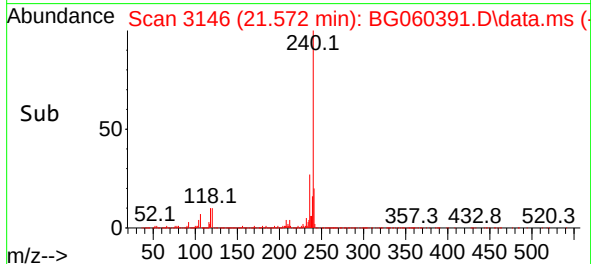
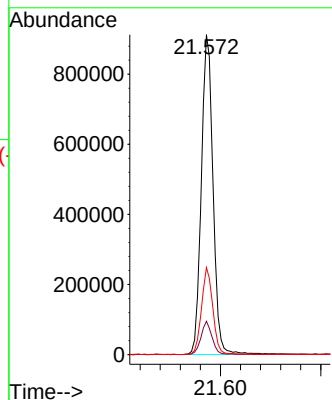
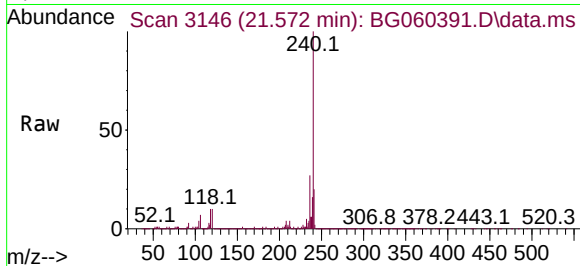




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3147
Delta R.T. -0.006 min
Lab File: BG060391.D
Acq: 22 Jan 2024 19:08

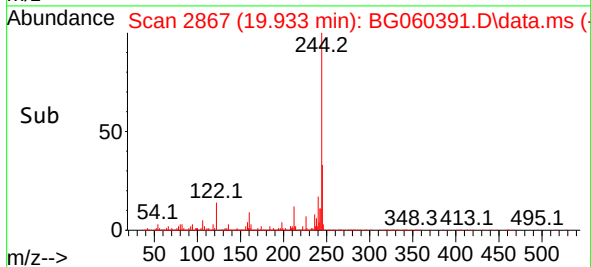
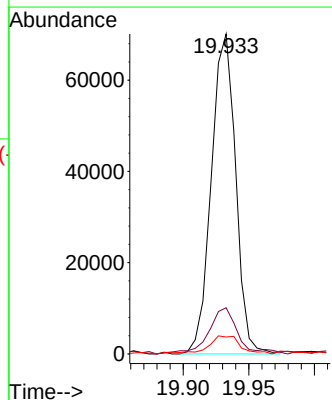
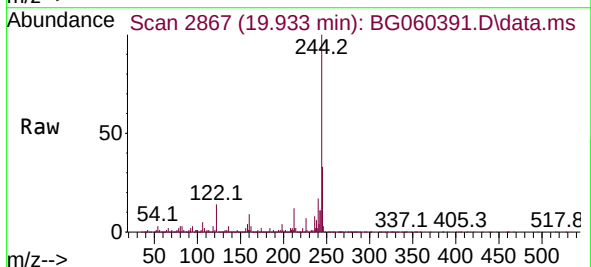
Instrument :
BNA_G
ClientSampleId :

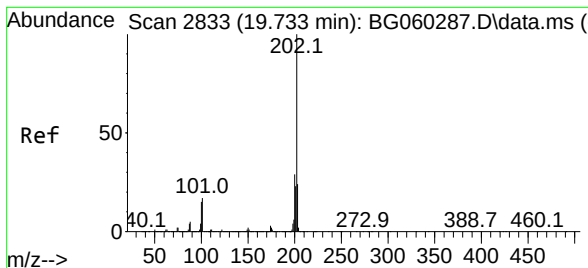
Tgt Ion:240 Resp: 1479090
Ion Ratio Lower Upper
240 100
120 10.4 7.3 10.9
236 27.2 20.3 30.5



#77
Benzidine
Concen: 2.817 ng
RT: 19.933 min Scan# 2867
Delta R.T. 0.376 min
Lab File: BG060391.D
Acq: 22 Jan 2024 19:08

Tgt Ion:184 Resp: 90521
Ion Ratio Lower Upper
184 100
185 14.4 12.2 18.4
183 5.3 9.0 13.4#





#78

Pyrene

Concen: 2.419 ng

RT: 19.727 min Scan# 2832

Delta R.T. -0.006 min

Lab File: BG060391.D

Acq: 22 Jan 2024 19:08

Instrument :

BNA_G

ClientSampleId :

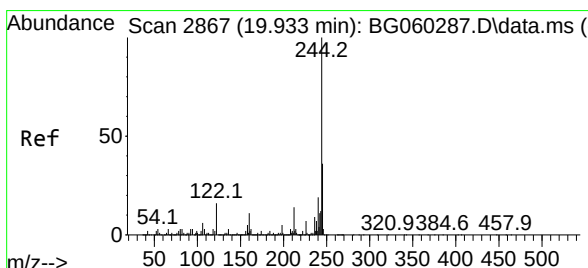
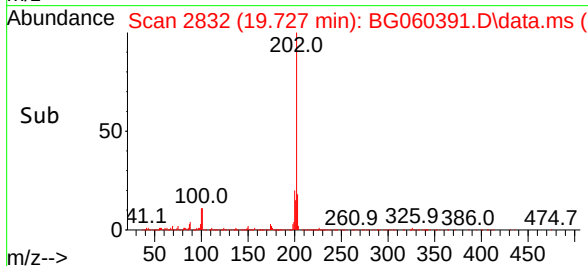
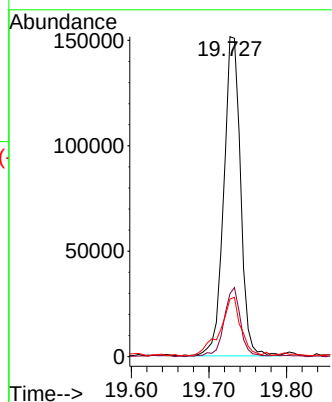
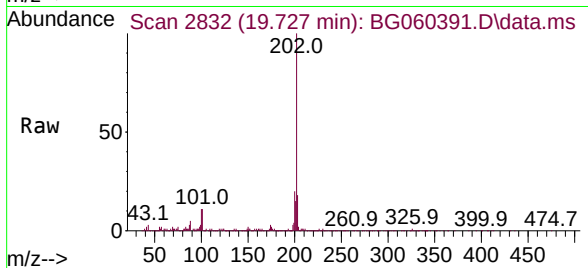
Tgt Ion:202 Resp: 228499

Ion Ratio Lower Upper

202 100

200 19.6 23.5 35.3#

203 18.0 19.6 29.4#



#79

Terphenyl-d14

Concen: 91.338 ng

RT: 19.933 min Scan# 2867

Delta R.T. -0.000 min

Lab File: BG060391.D

Acq: 22 Jan 2024 19:08

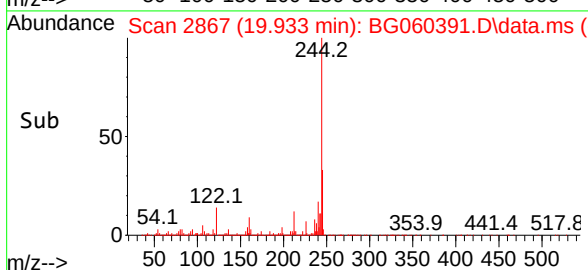
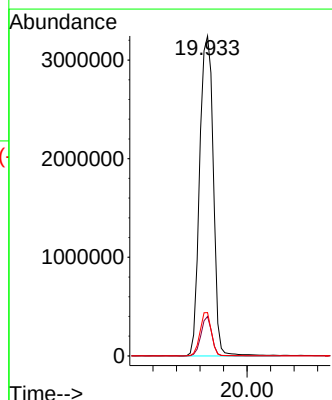
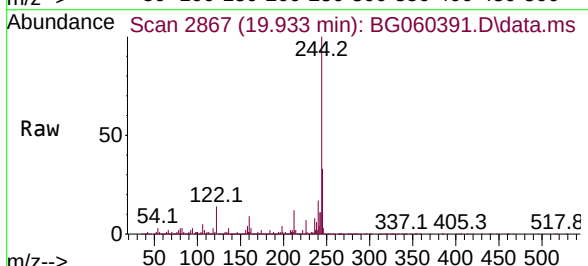
Tgt Ion:244 Resp: 5209282

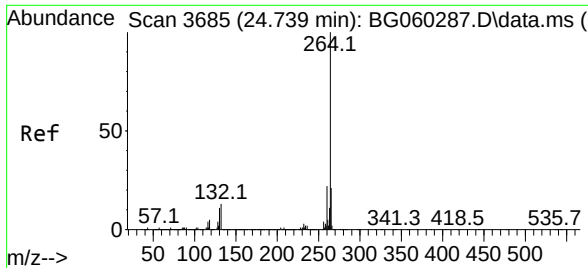
Ion Ratio Lower Upper

244 100

212 12.3 10.9 16.3

122 13.5 12.6 18.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.739 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BG060391.D
 Acq: 22 Jan 2024 19:08

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:264 Resp: 1697782

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.8	26.6
265	21.5	16.8	25.2

