

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
 Data File : BG060271.D
 Acq On : 5 Jan 2024 15:16
 Operator : MA/JU
 Sample : 05964-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 05 16:11:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

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

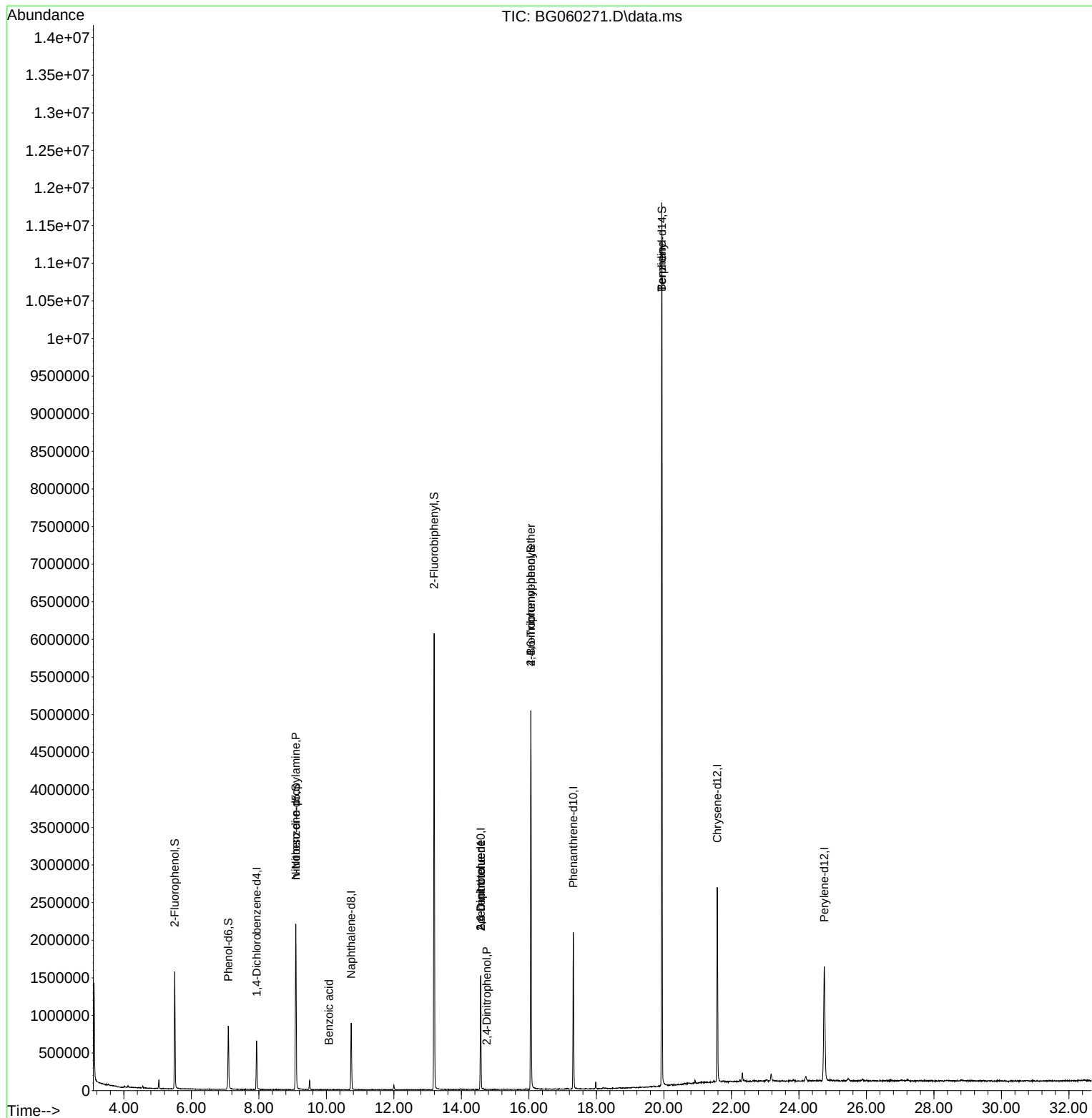
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	204006	20.000	ng	0.00
21) Naphthalene-d8	10.735	136	775151	20.000	ng	0.00
39) Acenaphthene-d10	14.572	164	526409	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	1396154	20.000	ng	0.00
76) Chrysene-d12	21.581	240	1512829	20.000	ng	0.00
86) Perylene-d12	24.754	264	1710884	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.506	112	745781	55.177	ng	0.00
7) Phenol-d6	7.092	99	600054	29.900	ng	0.00
23) Nitrobenzene-d5	9.096	82	1507234	89.814	ng	0.00
42) 2,4,6-Tribromophenol	16.058	330	1062067	150.722	ng	0.00
45) 2-Fluorobiphenyl	13.191	172	3327118	90.838	ng	0.00
79) Terphenyl-d14	19.942	244	5444115	69.184	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.096	70	182468	13.309	ng	# 85
32) Benzoic acid	10.077	122	83	10.279	ng	# 50
51) 2,6-Dinitrotoluene	14.572	165	71219	8.425	ng	# 30
54) 2,4-Dinitrophenol	14.754	184	72	8.249	ng	# 25
57) 2,4-Dinitrotoluene	14.572	165	71219	6.196	ng	# 27
67) 4-Bromophenyl-phenylether	16.058	248	65898	4.452	ng	# 1
77) Benzidine	19.936	184	98299	2.348	ng	# 92

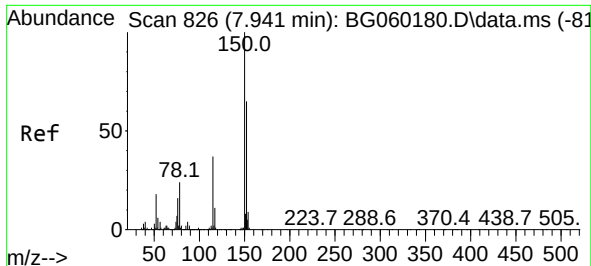
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
Data File : BG060271.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 05 16:11:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

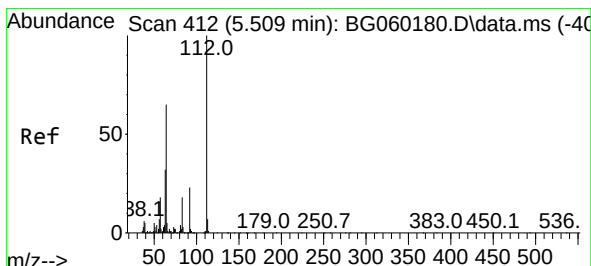
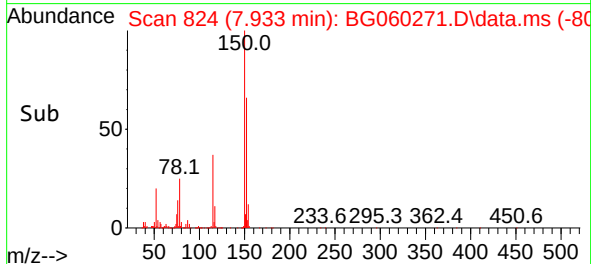
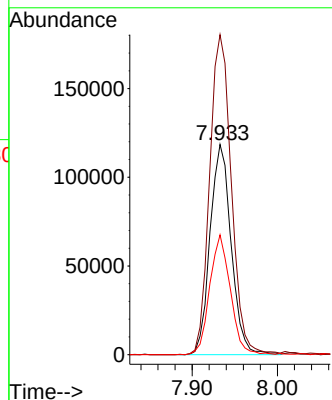
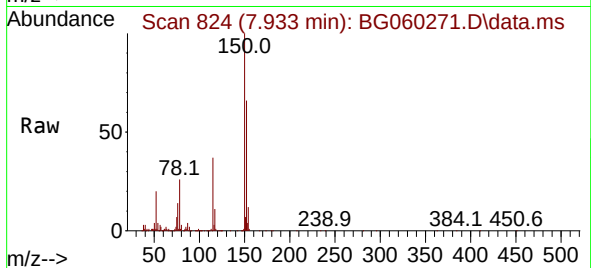




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.933 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG060271.D
Acq: 5 Jan 2024 15:16

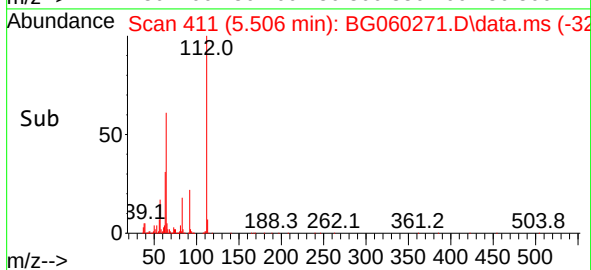
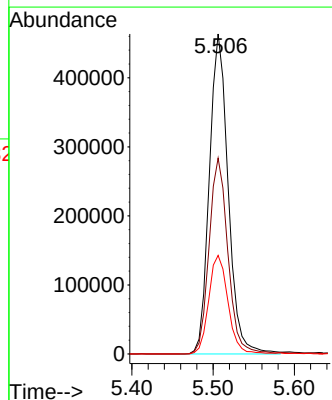
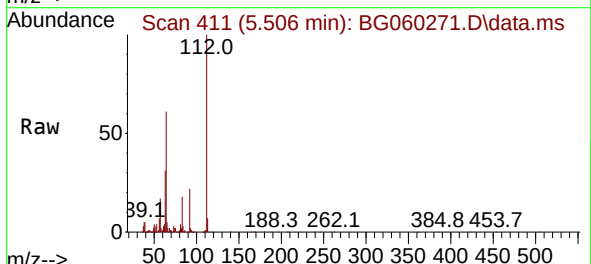
Instrument :
BNA_G
ClientSampleId :

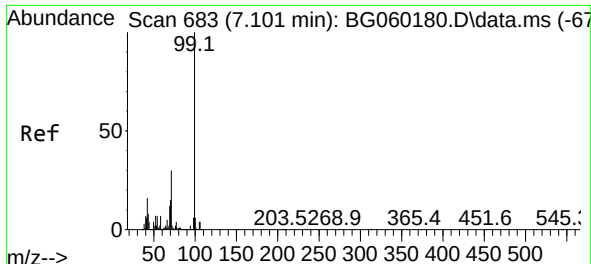
Tgt Ion:152 Resp: 204006
Ion Ratio Lower Upper
152 100
150 152.2 123.4 185.0
115 57.0 45.4 68.0



#5
2-Fluorophenol
Concen: 55.177 ng
RT: 5.506 min Scan# 411
Delta R.T. -0.003 min
Lab File: BG060271.D
Acq: 5 Jan 2024 15:16

Tgt Ion:112 Resp: 745781
Ion Ratio Lower Upper
112 100
64 61.2 52.2 78.4
63 30.8 25.4 38.0

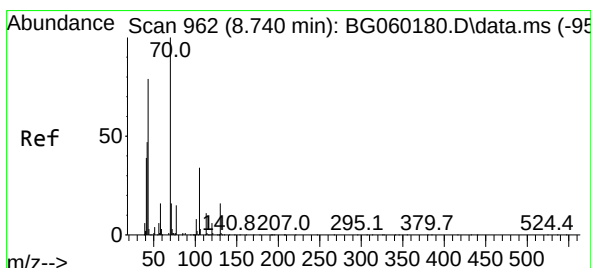
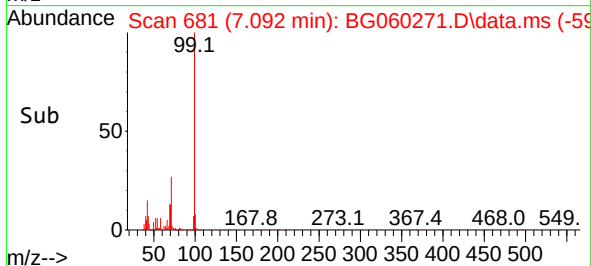
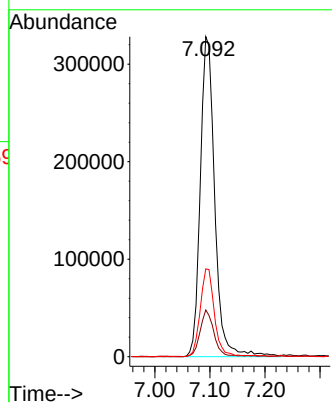
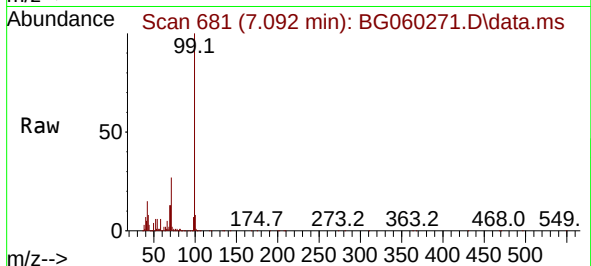




#7
Phenol-d6
Concen: 29.900 ng
RT: 7.092 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG060271.D
Acq: 5 Jan 2024 15:16

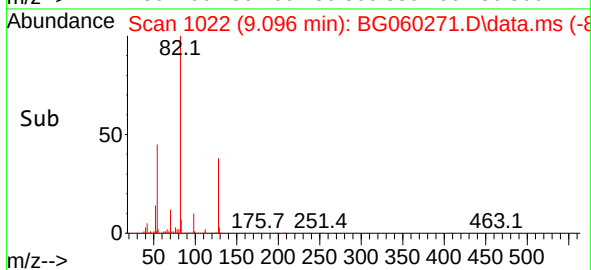
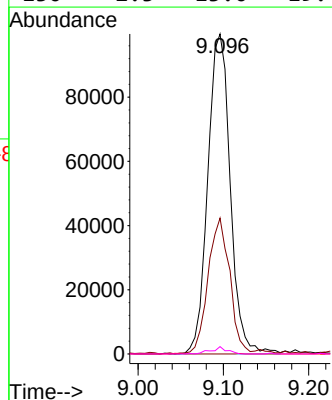
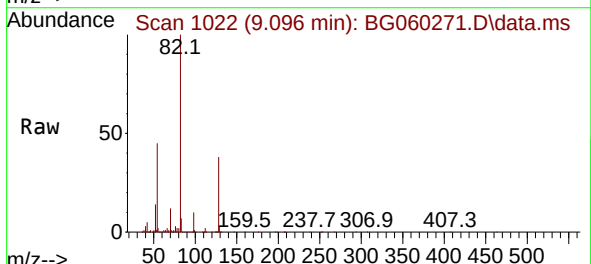
Instrument :
BNA_G
ClientSampleId :

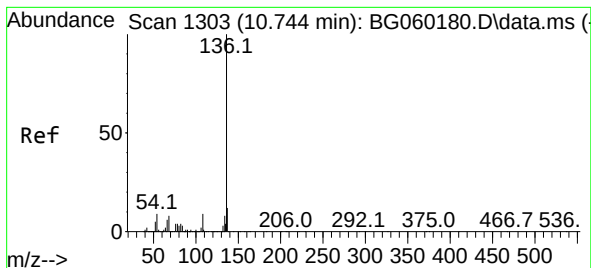
Tgt Ion: 99 Resp: 600054
Ion Ratio Lower Upper
99 100
42 14.6 12.5 18.7
71 27.5 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 13.309 ng
RT: 9.096 min Scan# 1022
Delta R.T. 0.356 min
Lab File: BG060271.D
Acq: 5 Jan 2024 15:16

Tgt Ion: 70 Resp: 182468
Ion Ratio Lower Upper
70 100
42 42.5 37.9 56.9
101 0.0 6.2 9.2#
130 2.3 13.0 19.4#

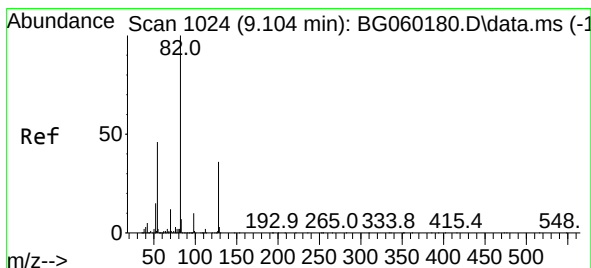
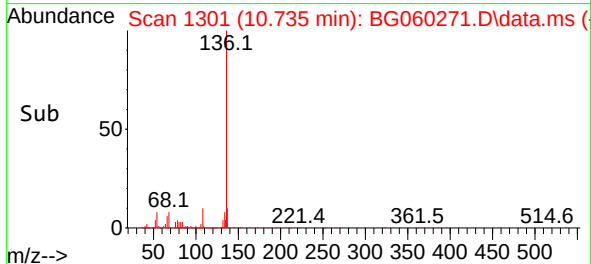
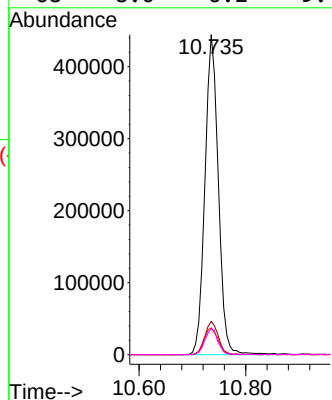
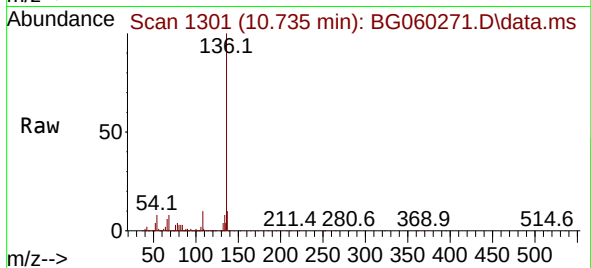




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.735 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG060271.D
Acq: 5 Jan 2024 15:16

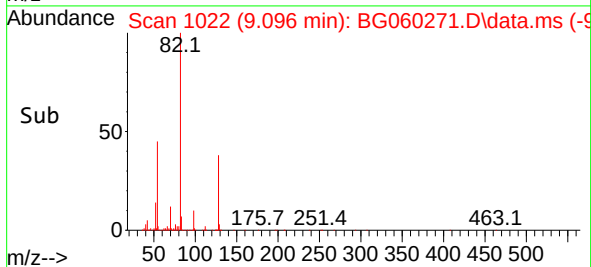
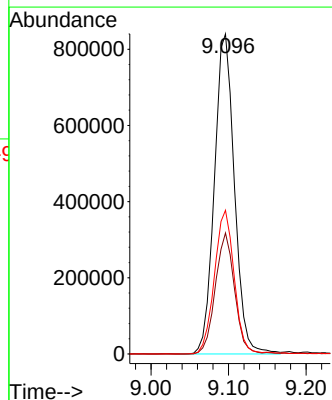
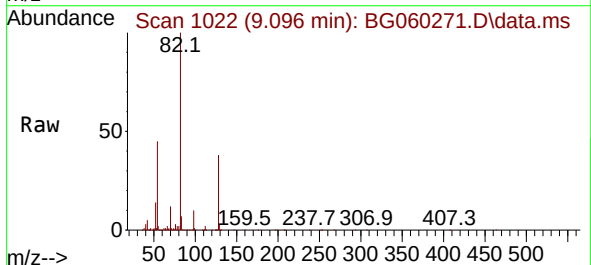
Instrument :
BNA_G
ClientSampleId :

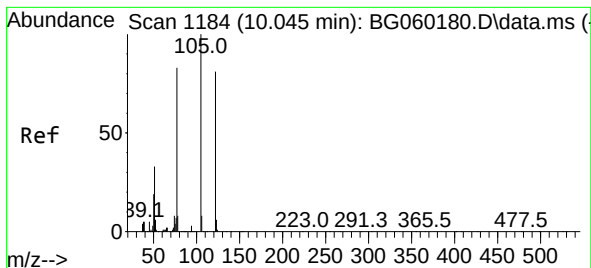
Tgt Ion:136 Resp: 775151
Ion Ratio Lower Upper
136 100
137 10.4 9.4 14.0
54 8.4 7.4 11.2
68 8.0 6.2 9.4



#23
Nitrobenzene-d5
Concen: 89.814 ng
RT: 9.096 min Scan# 1022
Delta R.T. -0.008 min
Lab File: BG060271.D
Acq: 5 Jan 2024 15:16

Tgt Ion: 82 Resp: 1507234
Ion Ratio Lower Upper
82 100
128 37.8 28.7 43.1
54 44.9 36.9 55.3

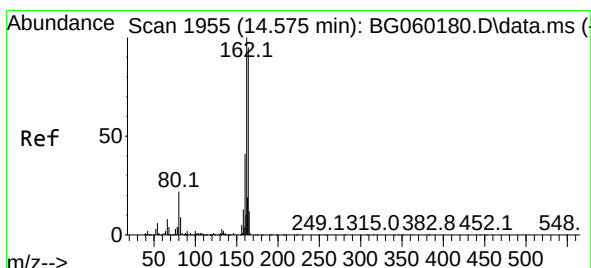
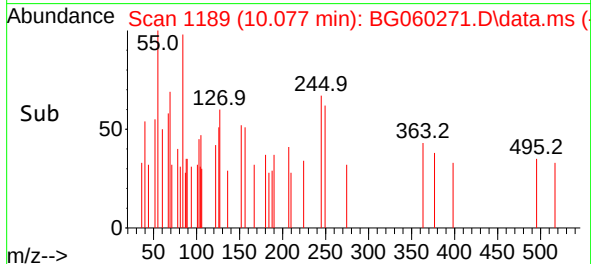
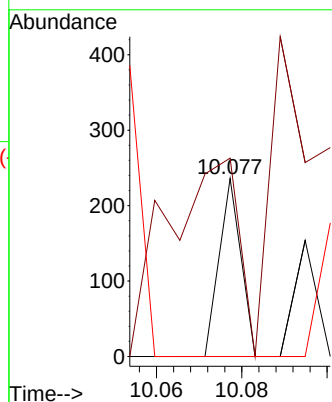
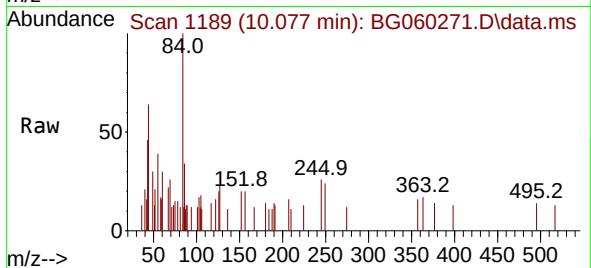




#32
Benzoic acid
Concen: 10.279 ng
RT: 10.077 min Scan# 1184
Delta R.T. 0.032 min
Lab File: BG060271.D
Acq: 5 Jan 2024 15:16

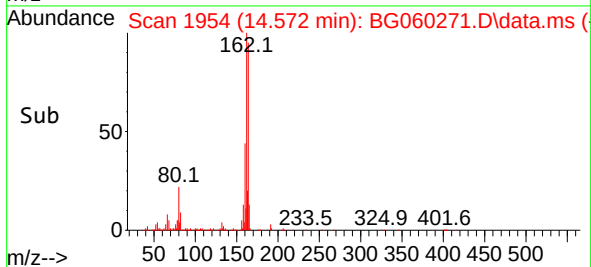
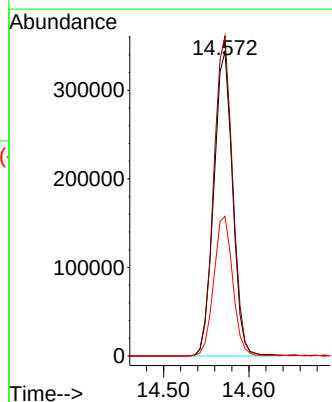
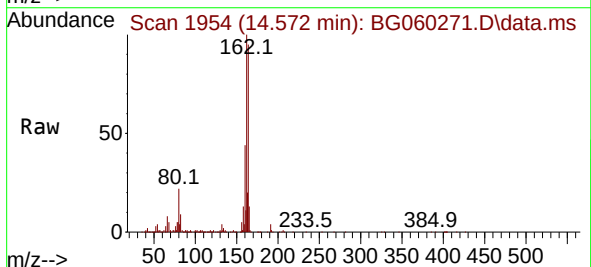
Instrument :
BNA_G
ClientSampleId :

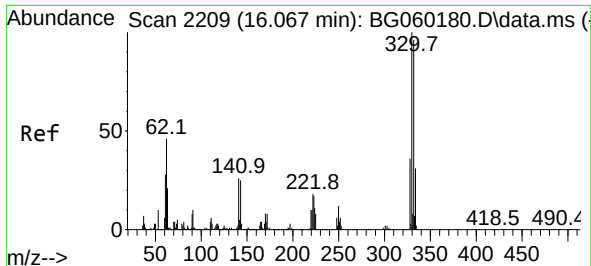
Tgt Ion:122 Resp: 83
Ion Ratio Lower Upper
122 100
105 111.4 99.2 139.2
77 0.0 81.0 121.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.572 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG060271.D
Acq: 5 Jan 2024 15:16

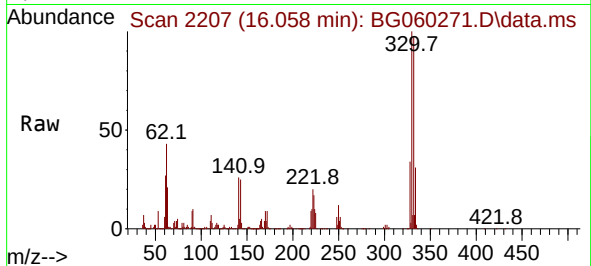
Tgt Ion:164 Resp: 526409
Ion Ratio Lower Upper
164 100
162 105.0 83.9 125.9
160 45.9 34.2 51.4



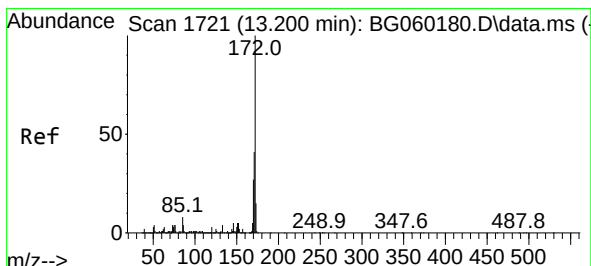
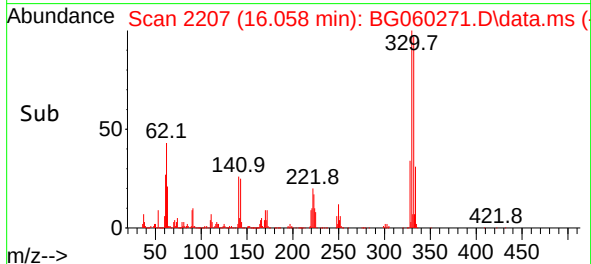
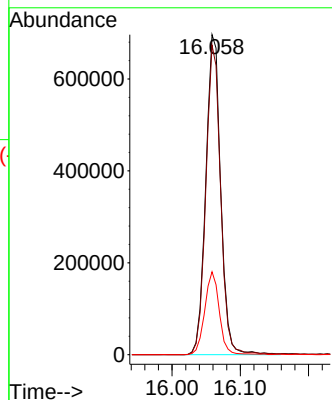


#42
2,4,6-Tribromophenol
Concen: 150.722 ng
RT: 16.058 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG060271.D
Acq: 5 Jan 2024 15:16

Instrument :
BNA_G
ClientSampleId :

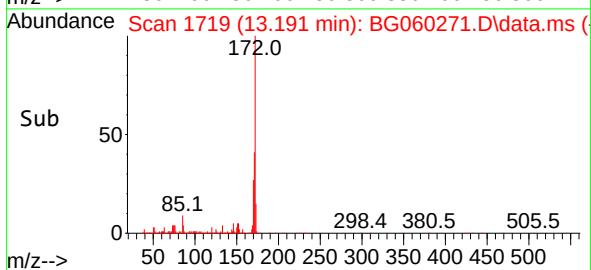
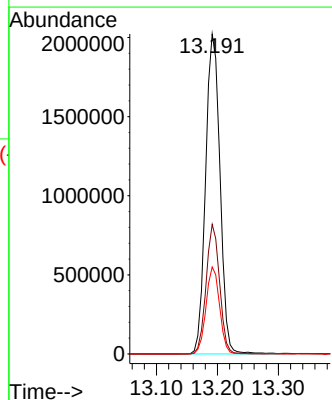
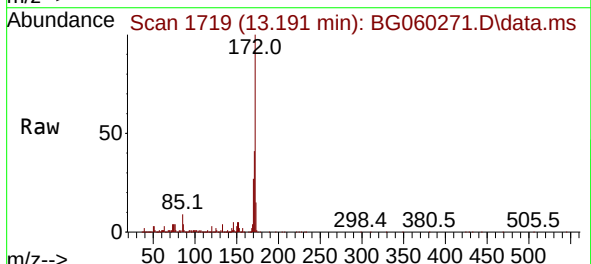


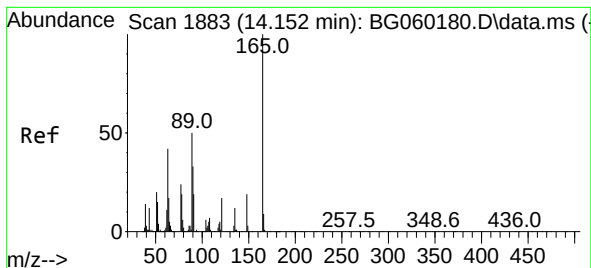
Tgt Ion:330 Resp: 1062067
Ion Ratio Lower Upper
330 100
332 95.7 76.7 115.1
141 25.2 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 90.838 ng
RT: 13.191 min Scan# 1719
Delta R.T. -0.008 min
Lab File: BG060271.D
Acq: 5 Jan 2024 15:16

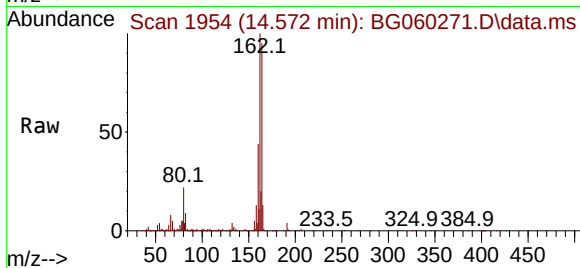
Tgt Ion:172 Resp: 3327118
Ion Ratio Lower Upper
172 100
171 40.5 32.6 48.8
170 27.2 21.8 32.6



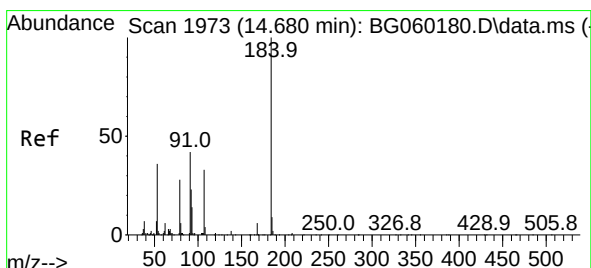
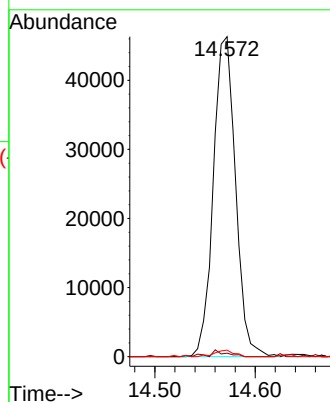
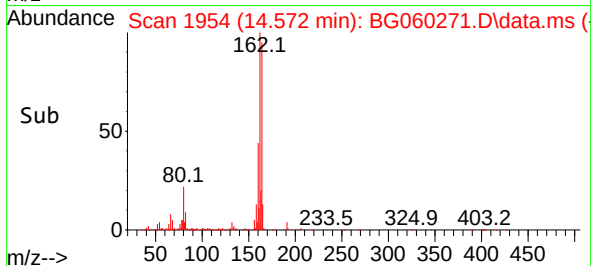


#51
2,6-Dinitrotoluene
Concen: 8.425 ng
RT: 14.572 min Scan# 1954
Delta R.T. 0.420 min
Lab File: BG060271.D
Acq: 5 Jan 2024 15:16

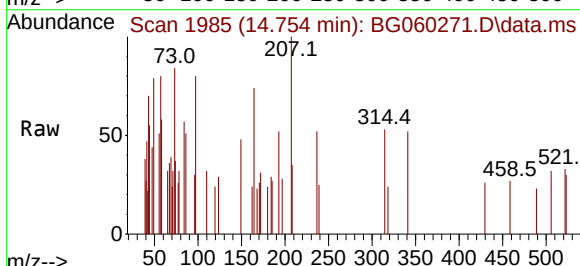
Instrument :
BNA_G
ClientSampleId :



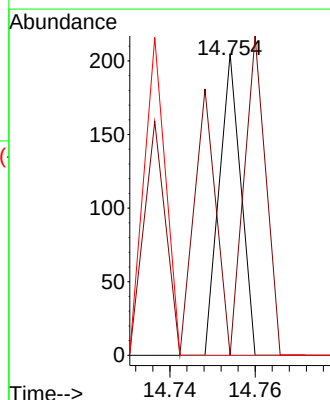
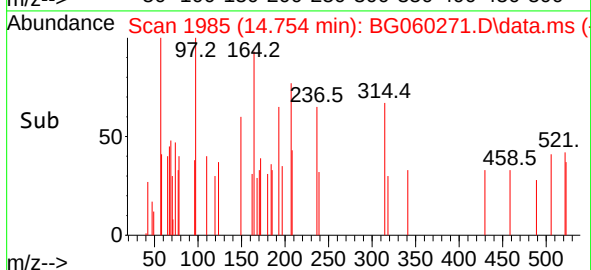
Tgt Ion:165 Resp: 71219
Ion Ratio Lower Upper
165 100
63 1.1 39.3 58.9#
89 2.1 39.8 59.8#

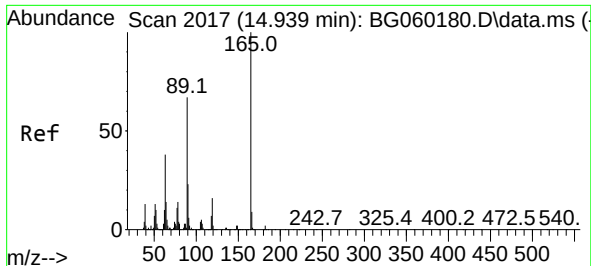


#54
2,4-Dinitrophenol
Concen: 8.249 ng
RT: 14.754 min Scan# 1985
Delta R.T. 0.074 min
Lab File: BG060271.D
Acq: 5 Jan 2024 15:16



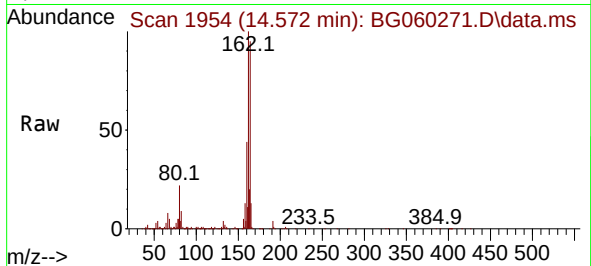
Tgt Ion:184 Resp: 72
Ion Ratio Lower Upper
184 100
63 0.0 45.4 68.2#
154 0.0 40.0 60.0#



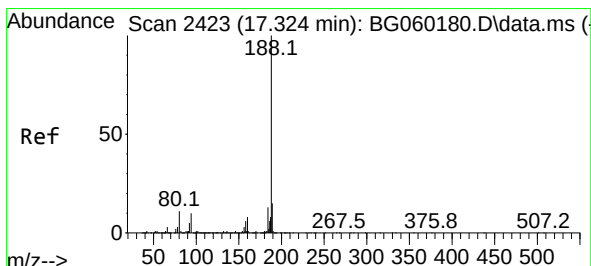
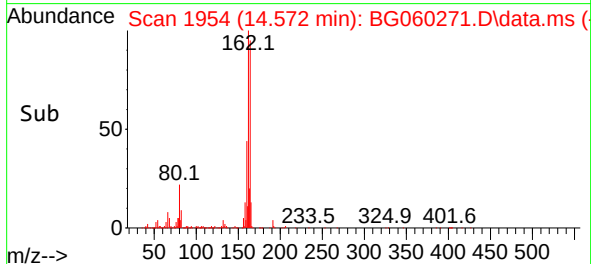
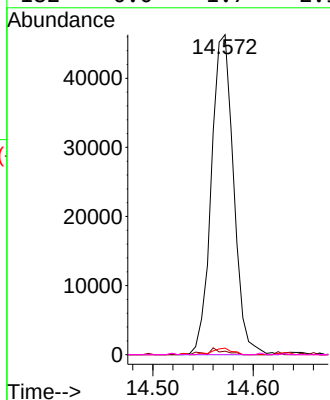


#57
2,4-Dinitrotoluene
Concen: 6.196 ng
RT: 14.572 min Scan# 1954
Delta R.T. -0.367 min
Lab File: BG060271.D
Acq: 5 Jan 2024 15:16

Instrument :
BNA_G
ClientSampleId :

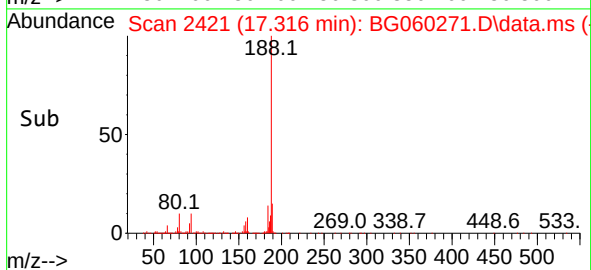
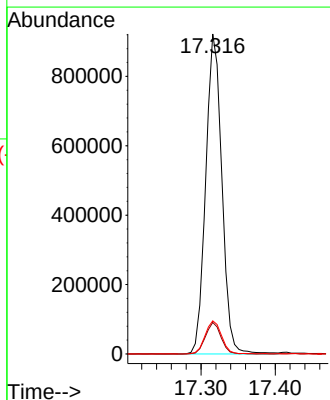
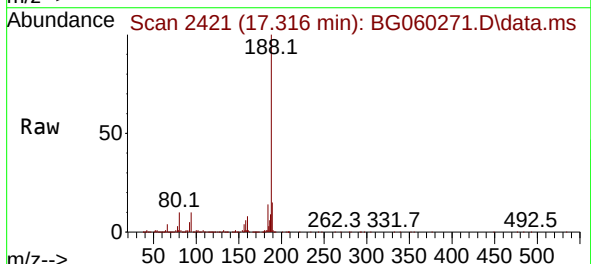


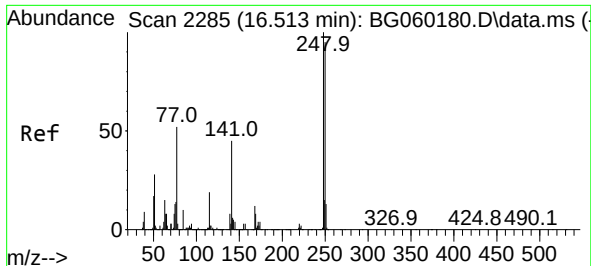
Tgt Ion:165 Resp: 71219
Ion Ratio Lower Upper
165 100
63 1.1 31.0 46.6#
89 2.1 53.3 79.9#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 2421
Delta R.T. -0.008 min
Lab File: BG060271.D
Acq: 5 Jan 2024 15:16

Tgt Ion:188 Resp: 1396154
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.6
80 10.3 8.6 13.0

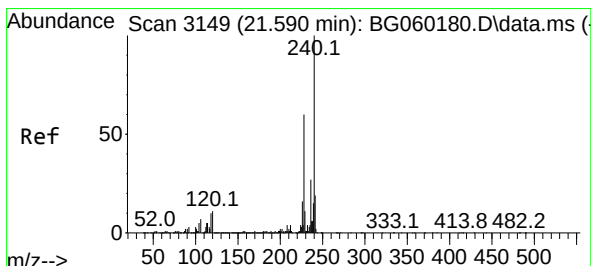
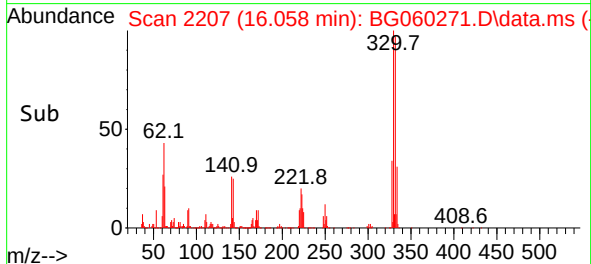
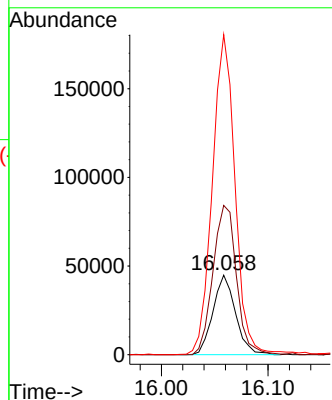
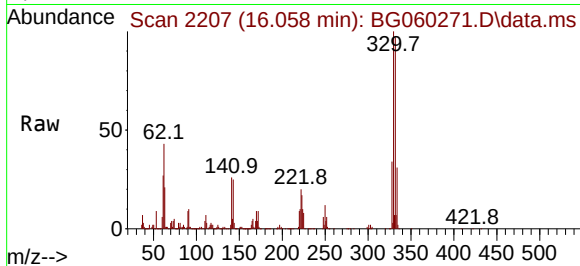




#67
4-Bromophenyl-phenylether
Concen: 4.452 ng
RT: 16.058 min Scan# 21
Delta R.T. -0.455 min
Lab File: BG060271.D
Acq: 5 Jan 2024 15:16

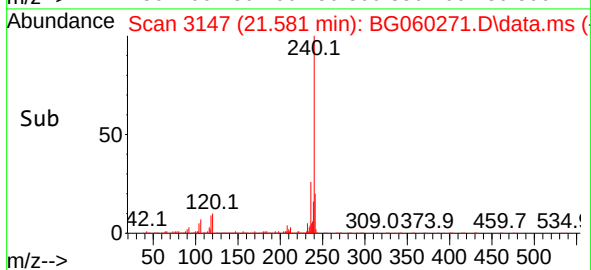
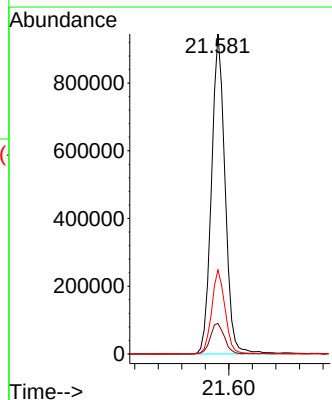
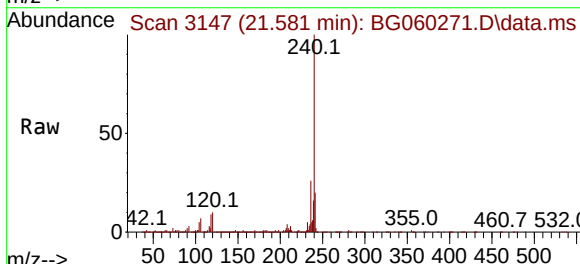
Instrument :
BNA_G
ClientSampleId :

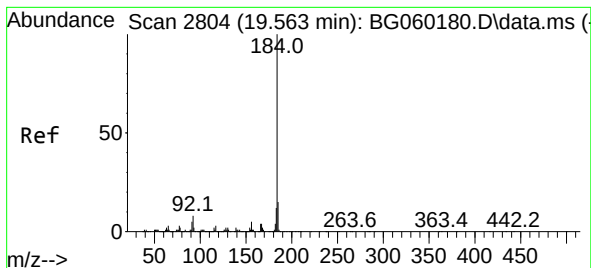
Tgt Ion:248 Resp: 65898
Ion Ratio Lower Upper
248 100
250 187.7 76.2 114.4#
141 402.4 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.581 min Scan# 3147
Delta R.T. -0.008 min
Lab File: BG060271.D
Acq: 5 Jan 2024 15:16

Tgt Ion:240 Resp: 1512829
Ion Ratio Lower Upper
240 100
120 9.6 8.5 12.7
236 26.2 21.4 32.2





#77

Benzidine

Concen: 2.348 ng

RT: 19.936 min Scan# 2867

Delta R.T. 0.373 min

Lab File: BG060271.D

Acq: 5 Jan 2024 15:16

Instrument :

BNA_G

ClientSampleId :

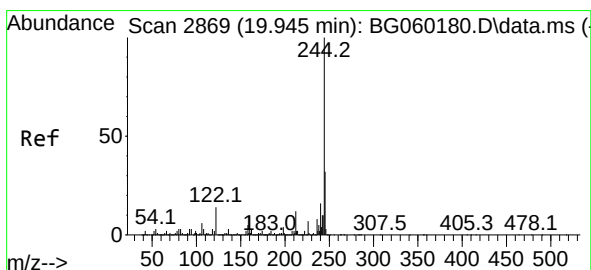
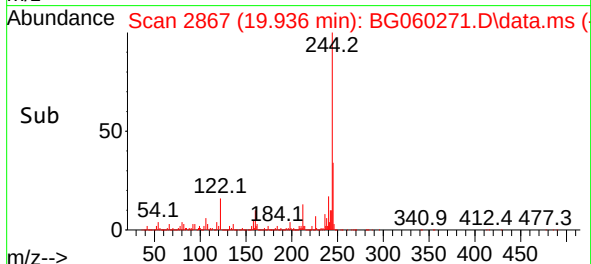
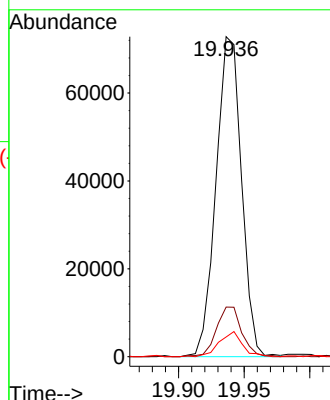
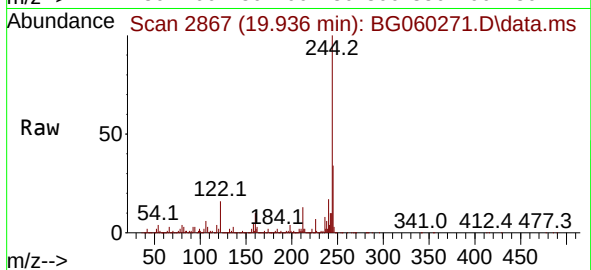
Tgt Ion:184 Resp: 98299

Ion Ratio Lower Upper

184 100

185 15.5 11.7 17.5

183 6.1 9.4 14.2#



#79

Terphenyl-d14

Concen: 69.184 ng

RT: 19.942 min Scan# 2868

Delta R.T. -0.003 min

Lab File: BG060271.D

Acq: 5 Jan 2024 15:16

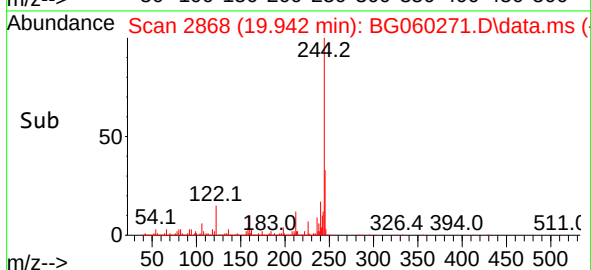
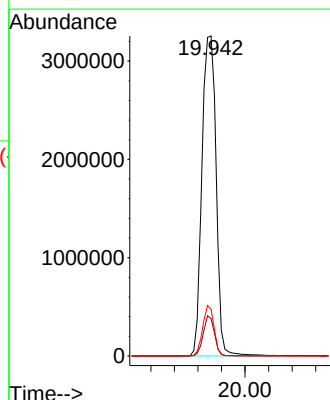
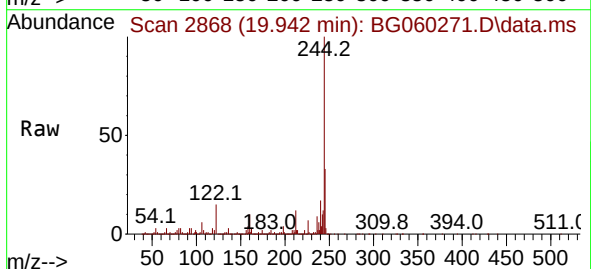
Tgt Ion:244 Resp: 5444115

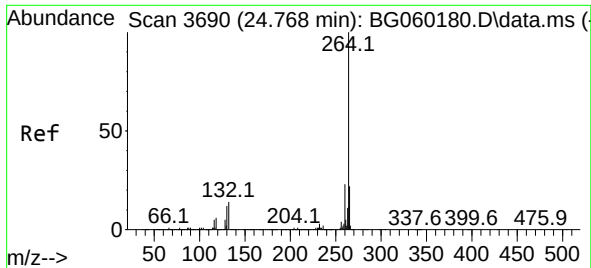
Ion Ratio Lower Upper

244 100

212 11.7 9.5 14.3

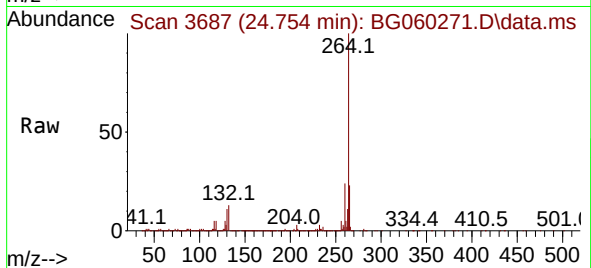
122 14.6 11.4 17.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.754 min Scan# 30
 Delta R.T. -0.014 min
 Lab File: BG060271.D
 Acq: 5 Jan 2024 15:16

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 1710884

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.0	27.0
265	22.5	17.4	26.0

