

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012224\
 Data File : BG060384.D
 Acq On : 22 Jan 2024 14:25
 Operator : MA/JU
 Sample : P1183-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 22 15:00:01 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)

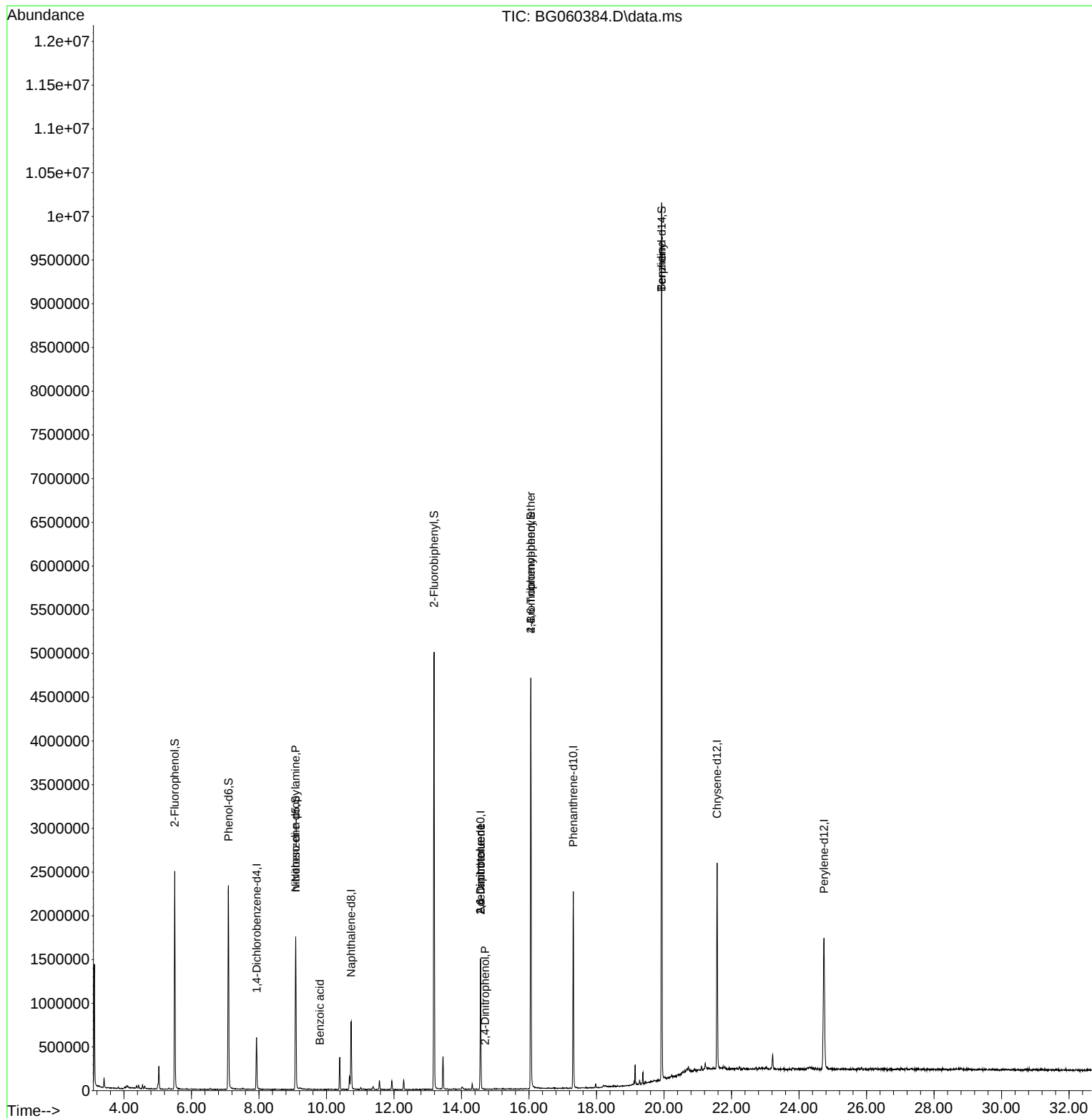
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	188153	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	719311	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	532852	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	1504182	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1488745	20.000	ng	0.00
86) Perylene-d12	24.739	264	1675080	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	1176818	102.874	ng	0.00
7) Phenol-d6	7.095	99	1631044	96.289	ng	0.00
23) Nitrobenzene-d5	9.087	82	1192128	78.259	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	1059571	135.153	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	2859763	74.617	ng	0.00
79) Terphenyl-d14	19.933	244	4936708	82.832	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.087	70	146188	12.470	ng	# 88
32) Benzoic acid	9.804	122	83	10.210	ng	91
51) 2,6-Dinitrotoluene	14.563	165	71681	8.250	ng	# 33
54) 2,4-Dinitrophenol	14.698	184	74	8.599	ng	# 42
57) 2,4-Dinitrotoluene	14.563	165	71681	6.016	ng	# 25
67) 4-Bromophenyl-phenylether	16.055	248	65283	3.950	ng	# 1
77) Benzidine	19.927	184	79505	2.458	ng	# 94

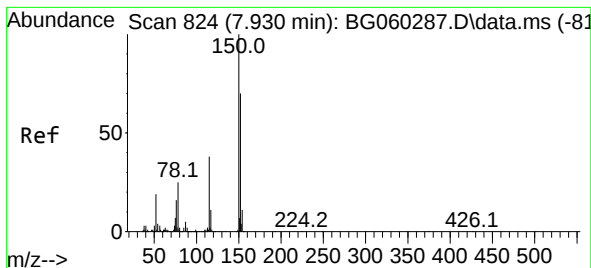
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012224\
Data File : BG060384.D
Acq On : 22 Jan 2024 14:25
Operator : MA/JU
Sample : P1183-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 22 15:00:01 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: BG060384.D

Acq: 22 Jan 2024 14:25

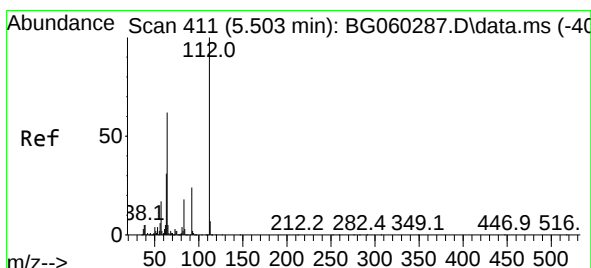
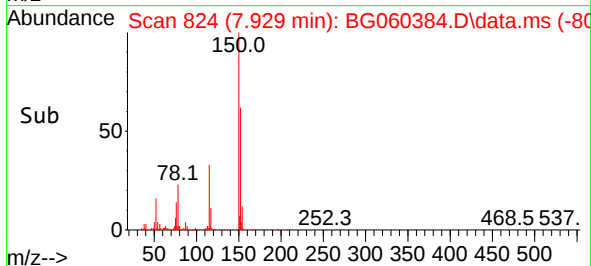
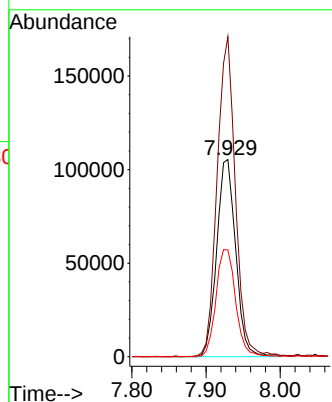
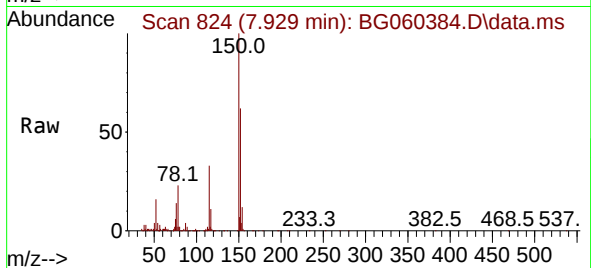
Instrument :

BNA_G

ClientSampleId :

Tgt Ion:152 Resp: 188153

Ion	Ratio	Lower	Upper
152	100		
150	162.3	114.5	171.7
115	54.1	43.0	64.6



#5

2-Fluorophenol

Concen: 102.874 ng

RT: 5.503 min Scan# 411

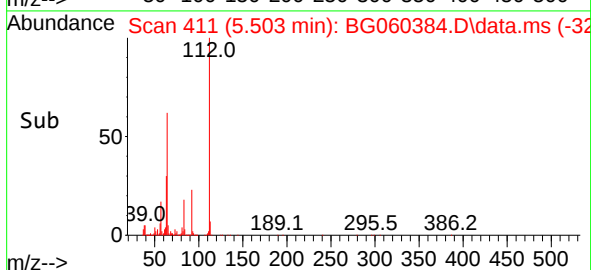
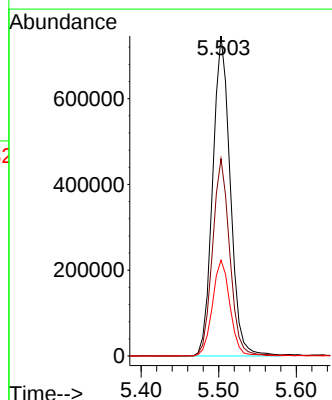
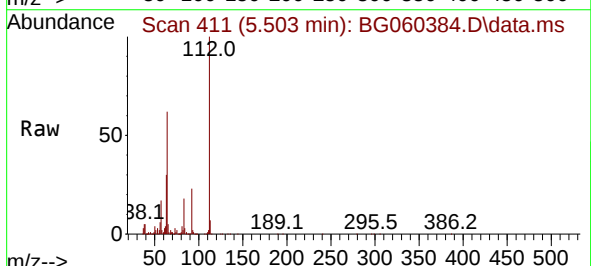
Delta R.T. -0.000 min

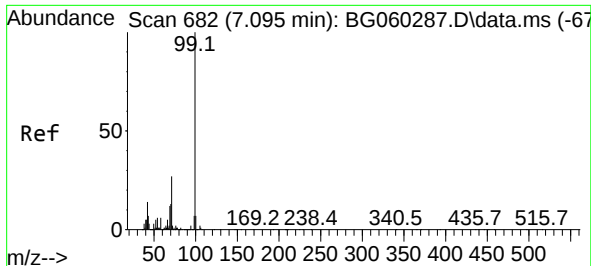
Lab File: BG060384.D

Acq: 22 Jan 2024 14:25

Tgt Ion:112 Resp: 1176818

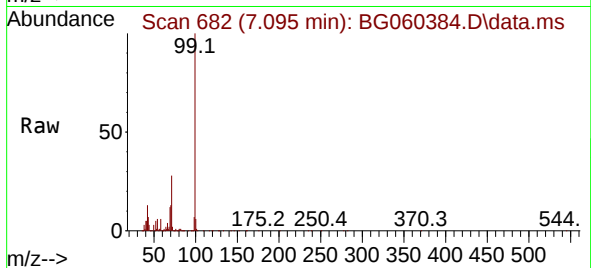
Ion	Ratio	Lower	Upper
112	100		
64	61.7	49.8	74.6
63	29.9	24.4	36.6





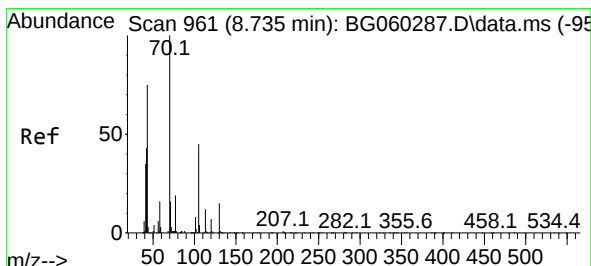
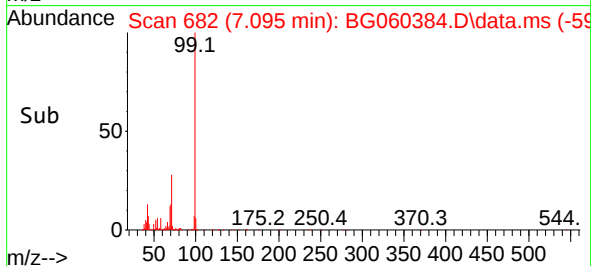
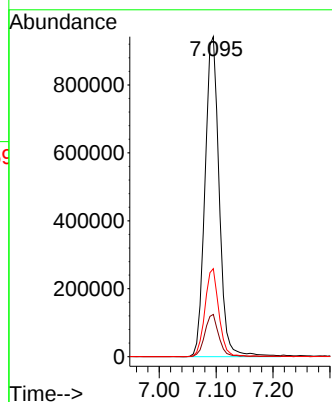
#7
Phenol-d6
Concen: 96.289 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG060384.D
Acq: 22 Jan 2024 14:25

Instrument :
BNA_G
ClientSampleId :



Tgt Ion: 99 Resp: 1631044

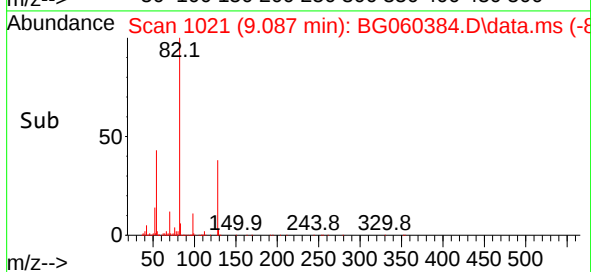
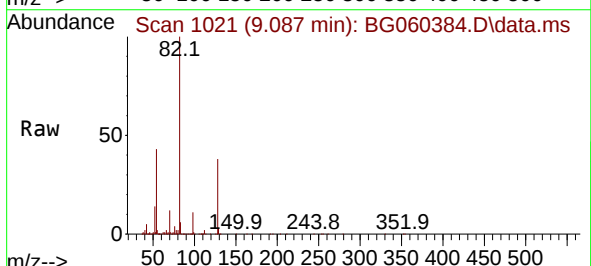
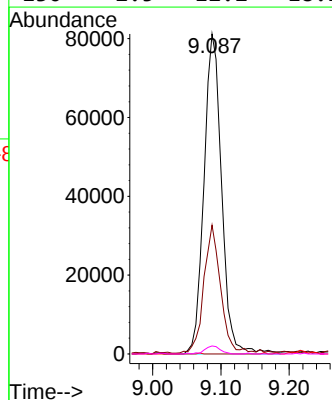
Ion	Ratio	Lower	Upper
99	100		
42	13.2	10.9	16.3
71	27.5	21.5	32.3

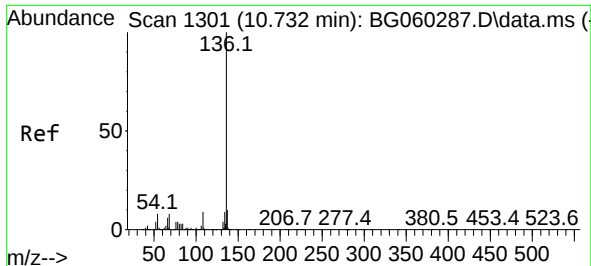


#19
n-Nitroso-di-n-propylamine
Concen: 12.470 ng
RT: 9.087 min Scan# 1021
Delta R.T. 0.352 min
Lab File: BG060384.D
Acq: 22 Jan 2024 14:25

Tgt Ion: 70 Resp: 146188

Ion	Ratio	Lower	Upper
70	100		
42	40.3	34.3	51.5
101	0.0	6.2	9.2#
130	2.5	12.2	18.2#

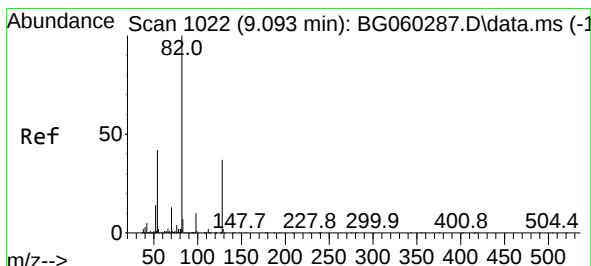
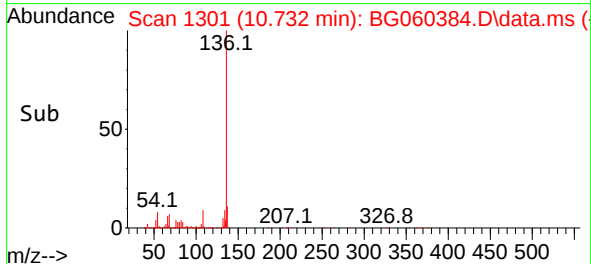
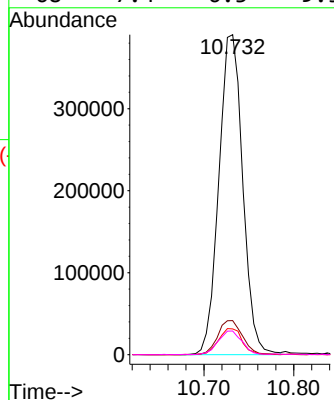
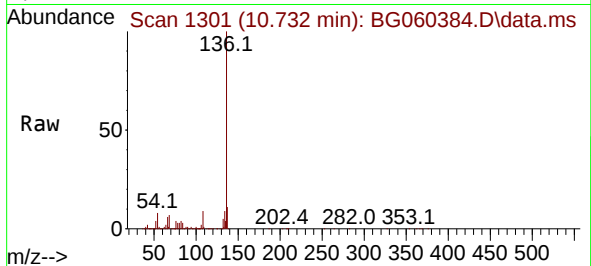




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG060384.D
Acq: 22 Jan 2024 14:25

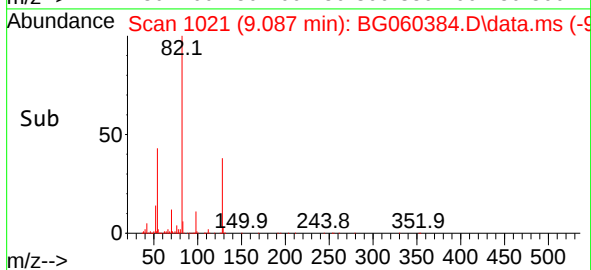
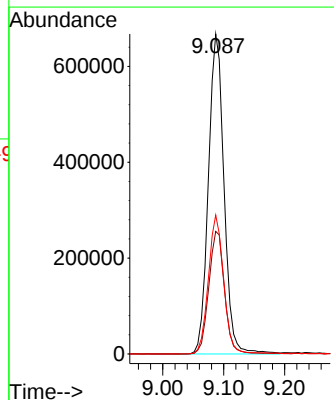
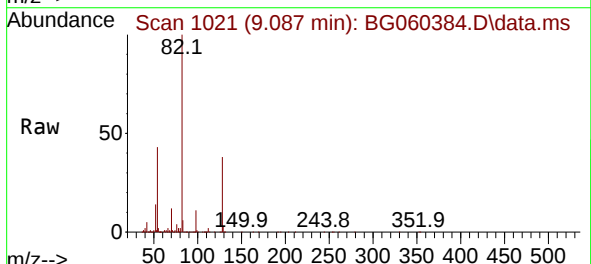
Instrument :
BNA_G
ClientSampleId :

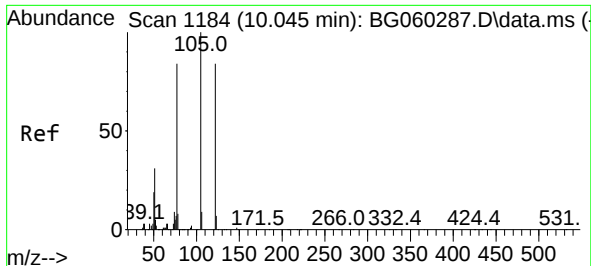
Tgt Ion:	136	Resp:	719311
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.4
54	8.0	6.2	9.2
68	7.4	6.3	9.5



#23
Nitrobenzene-d5
Concen: 78.259 ng
RT: 9.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BG060384.D
Acq: 22 Jan 2024 14:25

Tgt Ion:	82	Resp:	1192128
Ion	Ratio	Lower	Upper
82	100		
128	38.3	29.6	44.4
54	43.4	33.6	50.4

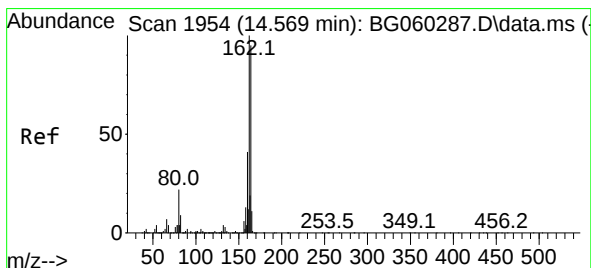
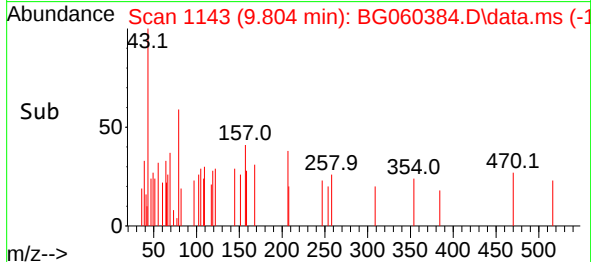
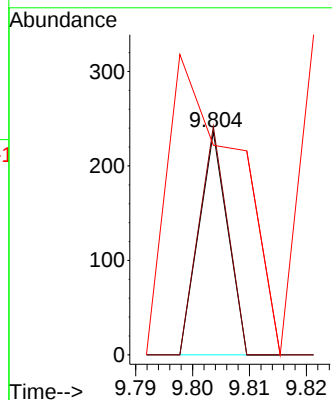
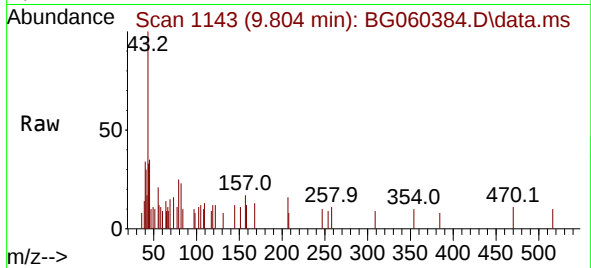




#32
Benzoic acid
Concen: 10.210 ng
RT: 9.804 min Scan# 1184
Delta R.T. -0.241 min
Lab File: BG060384.D
Acq: 22 Jan 2024 14:25

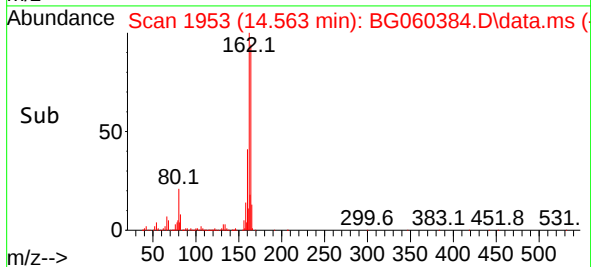
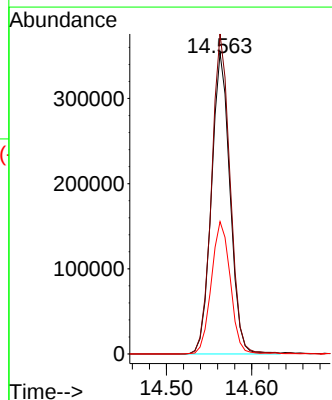
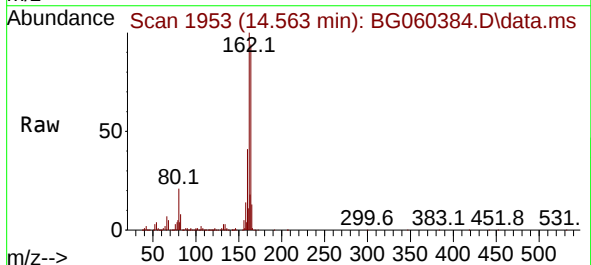
Instrument :
BNA_G
ClientSampleId :

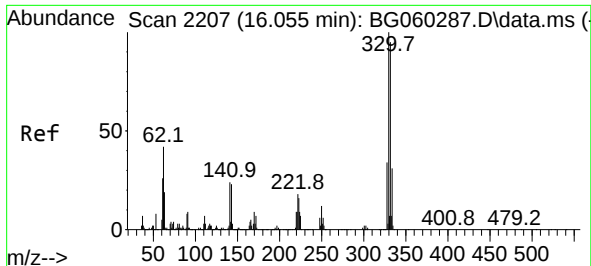
Tgt Ion:122 Resp: 83
Ion Ratio Lower Upper
122 100
105 102.5 96.0 136.0
77 94.1 80.1 120.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BG060384.D
Acq: 22 Jan 2024 14:25

Tgt Ion:164 Resp: 532852
Ion Ratio Lower Upper
164 100
162 106.3 84.4 126.6
160 44.0 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 135.153 ng

RT: 16.055 min Scan# 21

Delta R.T. -0.000 min

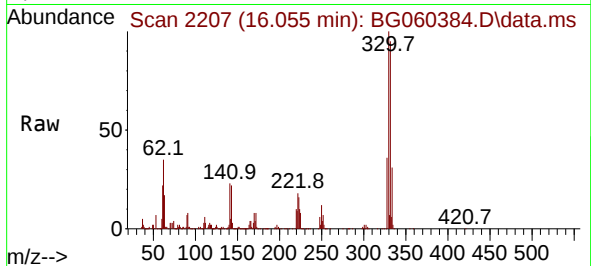
Lab File: BG060384.D

Acq: 22 Jan 2024 14:25

Instrument :

BNA_G

ClientSampleId :



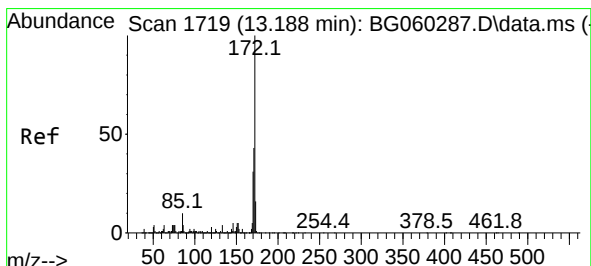
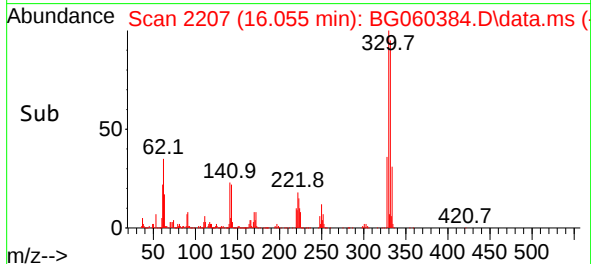
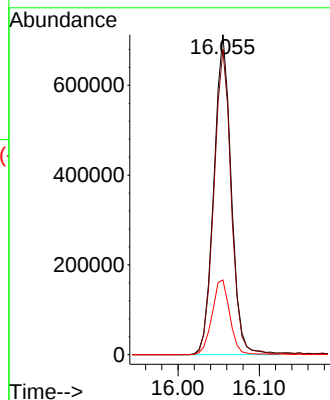
Tgt Ion:330 Resp: 1059571

Ion Ratio Lower Upper

330 100

332 94.9 76.7 115.1

141 23.9 18.6 28.0



#45

2-Fluorobiphenyl

Concen: 74.617 ng

RT: 13.188 min Scan# 1719

Delta R.T. -0.000 min

Lab File: BG060384.D

Acq: 22 Jan 2024 14:25

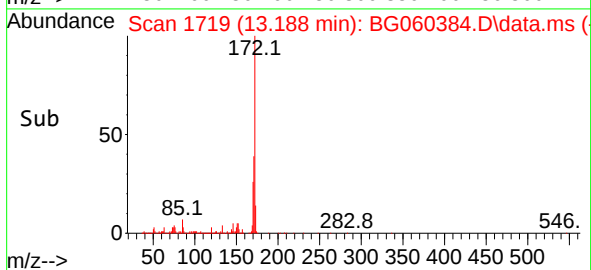
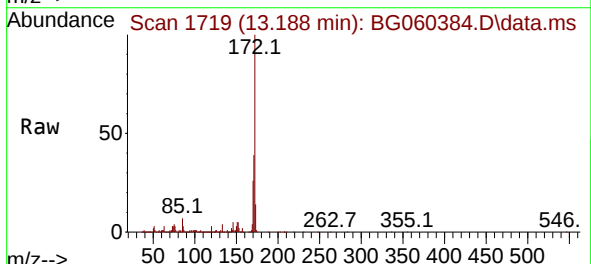
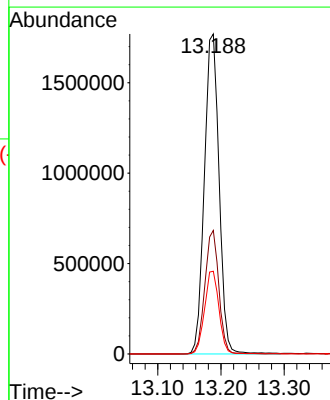
Tgt Ion:172 Resp: 2859763

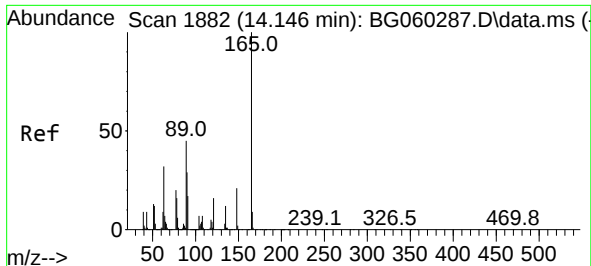
Ion Ratio Lower Upper

172 100

171 38.6 34.6 51.8

170 25.8 24.4 36.6





#51

2,6-Dinitrotoluene

Concen: 8.250 ng

RT: 14.563 min Scan# 1953

Delta R.T. 0.417 min

Lab File: BG060384.D

Acq: 22 Jan 2024 14:25

Instrument :

BNA_G

ClientSampleId :

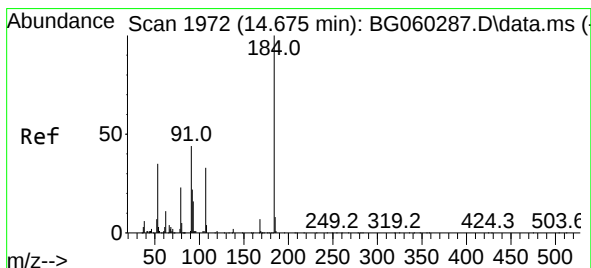
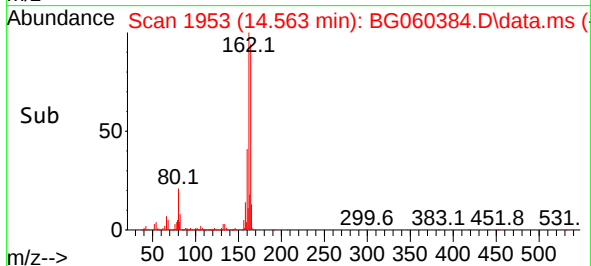
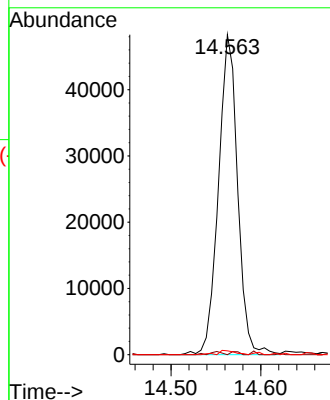
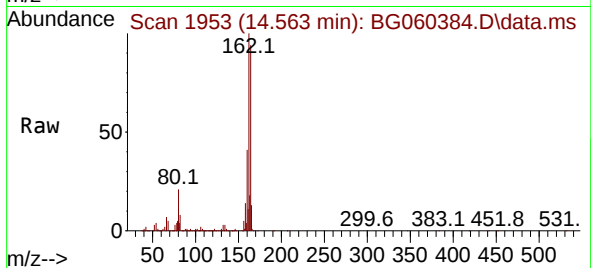
Tgt Ion:165 Resp: 71681

Ion Ratio Lower Upper

165 100

63 0.0 35.0 52.4#

89 1.2 36.2 54.2#



#54

2,4-Dinitrophenol

Concen: 8.599 ng

RT: 14.698 min Scan# 1976

Delta R.T. 0.023 min

Lab File: BG060384.D

Acq: 22 Jan 2024 14:25

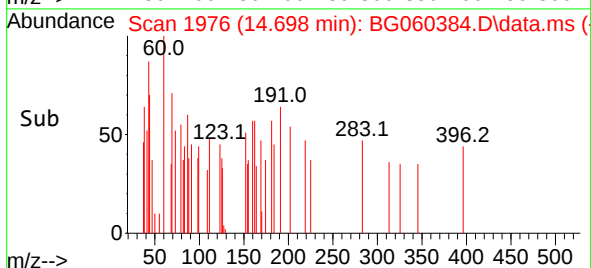
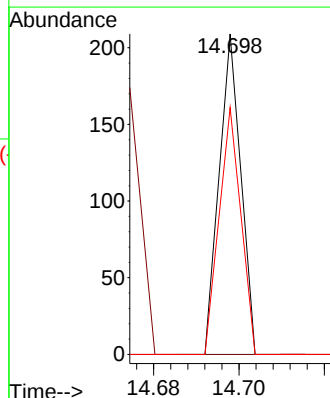
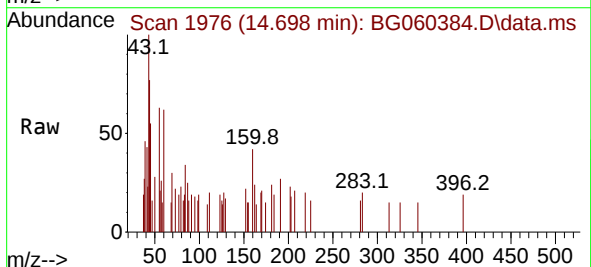
Tgt Ion:184 Resp: 74

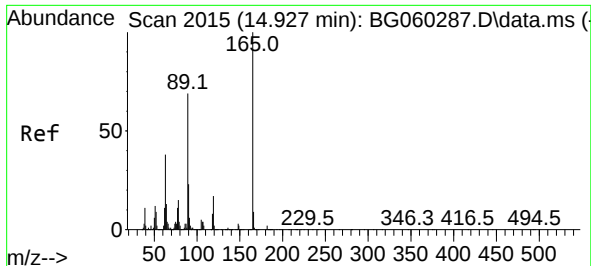
Ion Ratio Lower Upper

184 100

63 0.0 41.0 61.4#

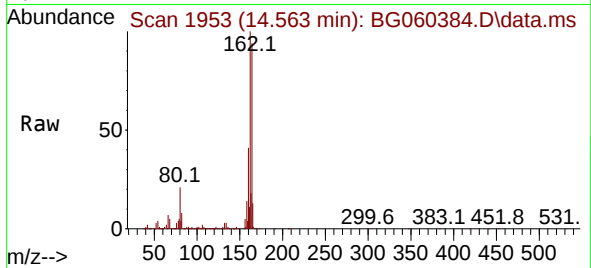
154 77.0 39.2 58.8#



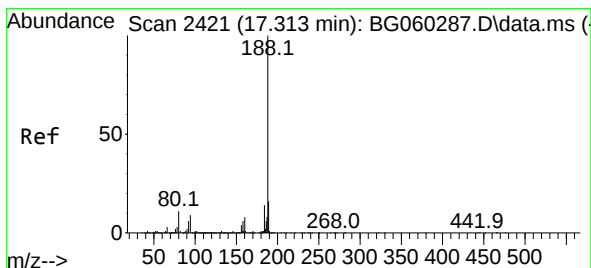
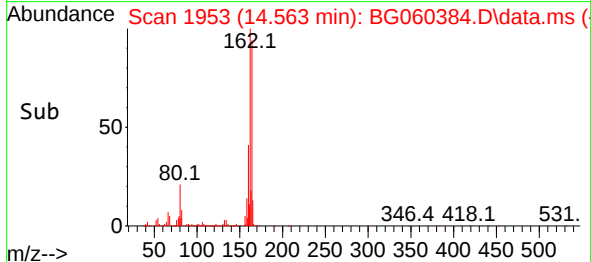
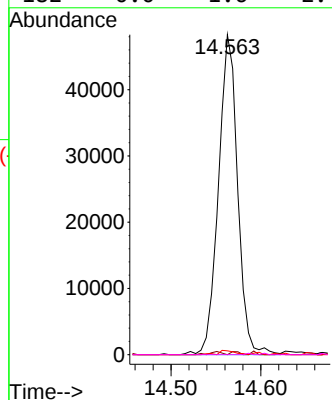


#57
2,4-Dinitrotoluene
Concen: 6.016 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.364 min
Lab File: BG060384.D
Acq: 22 Jan 2024 14:25

Instrument :
BNA_G
ClientSampleId :

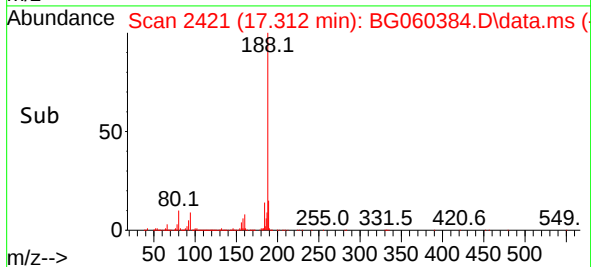
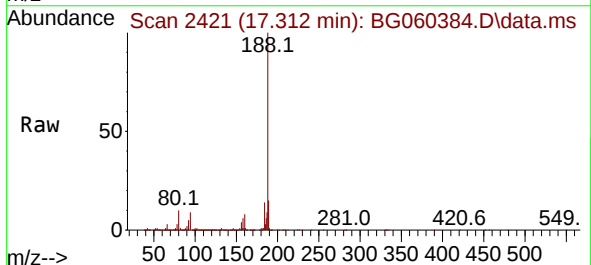
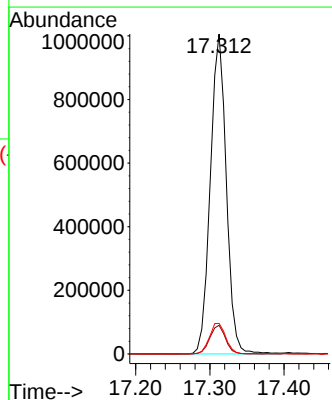


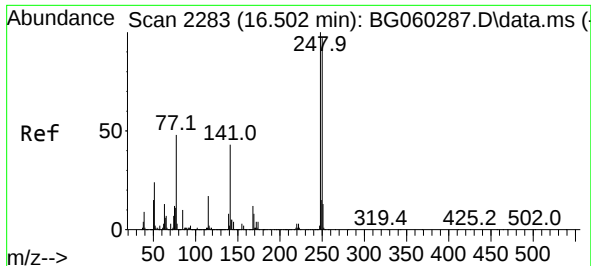
Tgt Ion:165 Resp: 71681
Ion Ratio Lower Upper
165 100
63 0.0 30.4 45.6#
89 1.2 55.4 83.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BG060384.D
Acq: 22 Jan 2024 14:25

Tgt Ion:188 Resp: 1504182
Ion Ratio Lower Upper
188 100
94 9.0 7.1 10.7
80 9.6 8.5 12.7

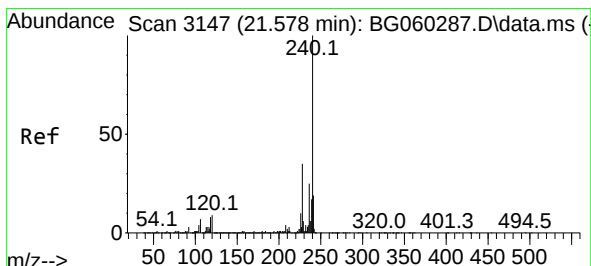
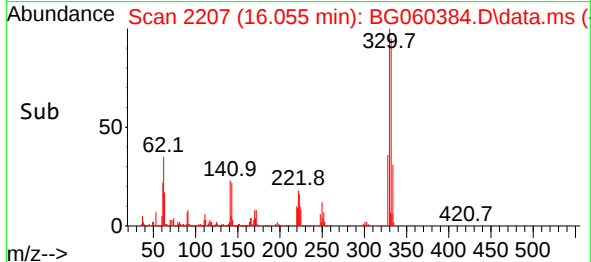
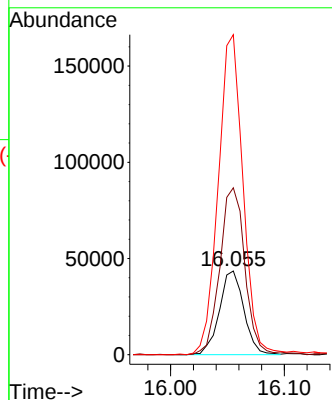
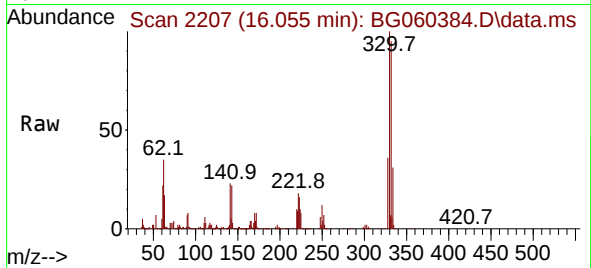




#67
4-Bromophenyl-phenylether
Concen: 3.950 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG060384.D
Acq: 22 Jan 2024 14:25

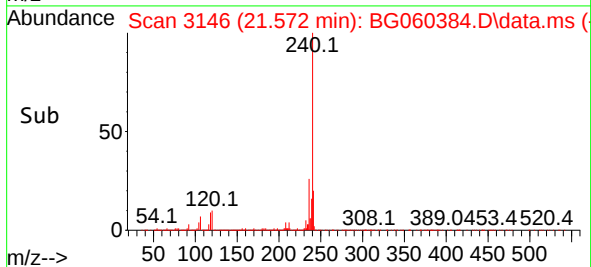
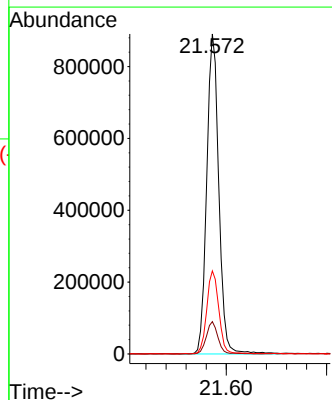
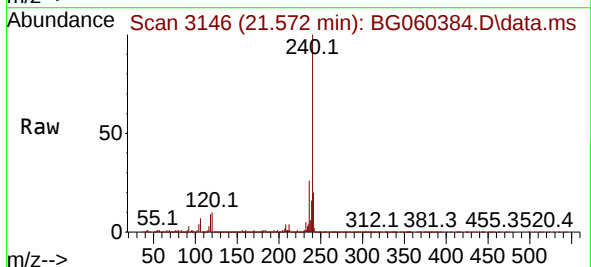
Instrument :
BNA_G
ClientSampleId :

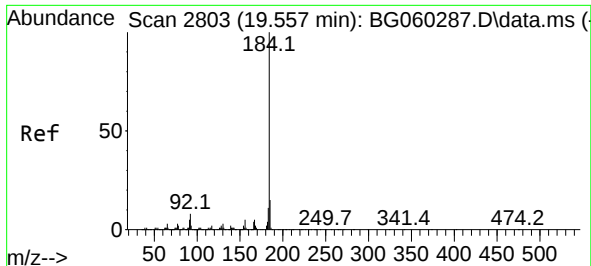
Tgt Ion:248 Resp: 65283
Ion Ratio Lower Upper
248 100
250 199.2 77.6 116.4#
141 382.0 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BG060384.D
Acq: 22 Jan 2024 14:25

Tgt Ion:240 Resp: 1488745
Ion Ratio Lower Upper
240 100
120 10.1 7.3 10.9
236 26.0 20.3 30.5

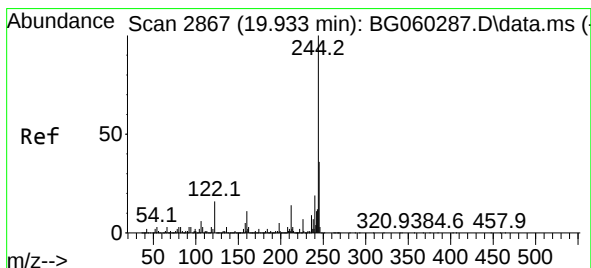
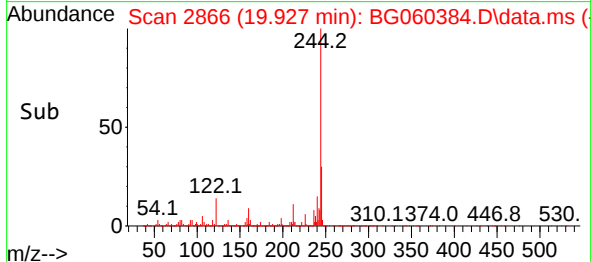
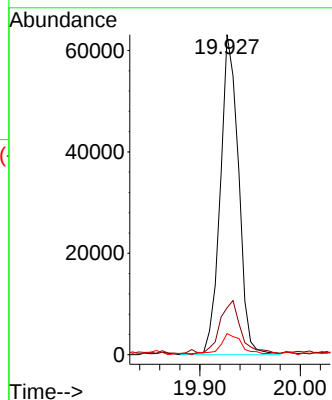
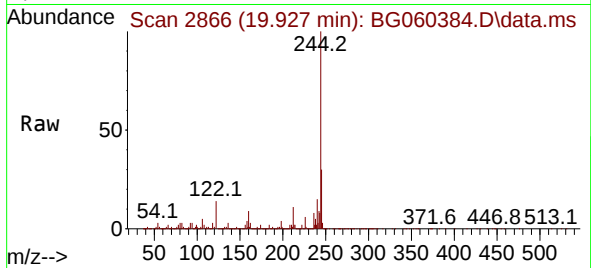




#77
Benzidine
Concen: 2.458 ng
RT: 19.927 min Scan# 2866
Delta R.T. 0.370 min
Lab File: BG060384.D
Acq: 22 Jan 2024 14:25

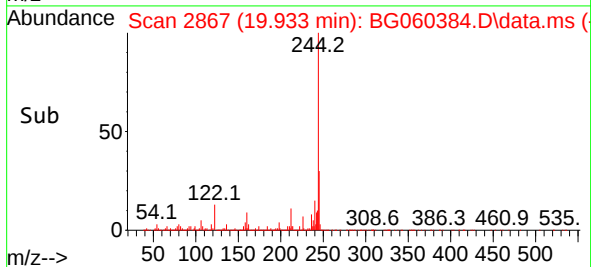
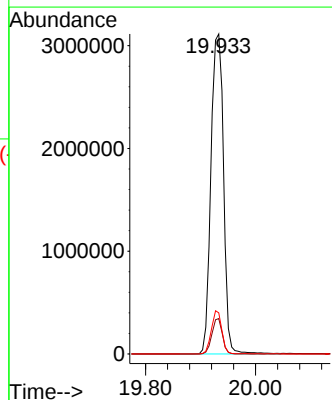
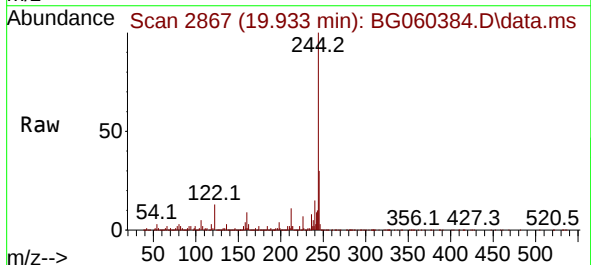
Instrument :
BNA_G
ClientSampleId :

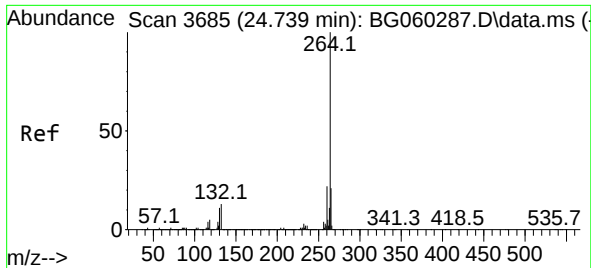
Tgt Ion:184 Resp: 79505
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.4
183 6.6 9.0 13.4#



#79
Terphenyl-d14
Concen: 82.832 ng
RT: 19.933 min Scan# 2867
Delta R.T. -0.000 min
Lab File: BG060384.D
Acq: 22 Jan 2024 14:25

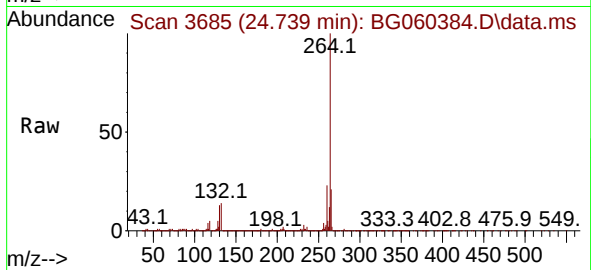
Tgt Ion:244 Resp: 4936708
Ion Ratio Lower Upper
244 100
212 11.1 10.9 16.3
122 12.9 12.6 18.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.739 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BG060384.D
 Acq: 22 Jan 2024 14:25

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 1675080

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.8	26.6
265	21.2	16.8	25.2

