

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
 Data File : BG060697.D
 Acq On : 20 Mar 2024 18:39
 Operator : MA/JU
 Sample : P1810-01 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 342

Quant Time: Mar 21 01:41:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 18 14:26:31 2024
 Response via : Initial Calibration

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

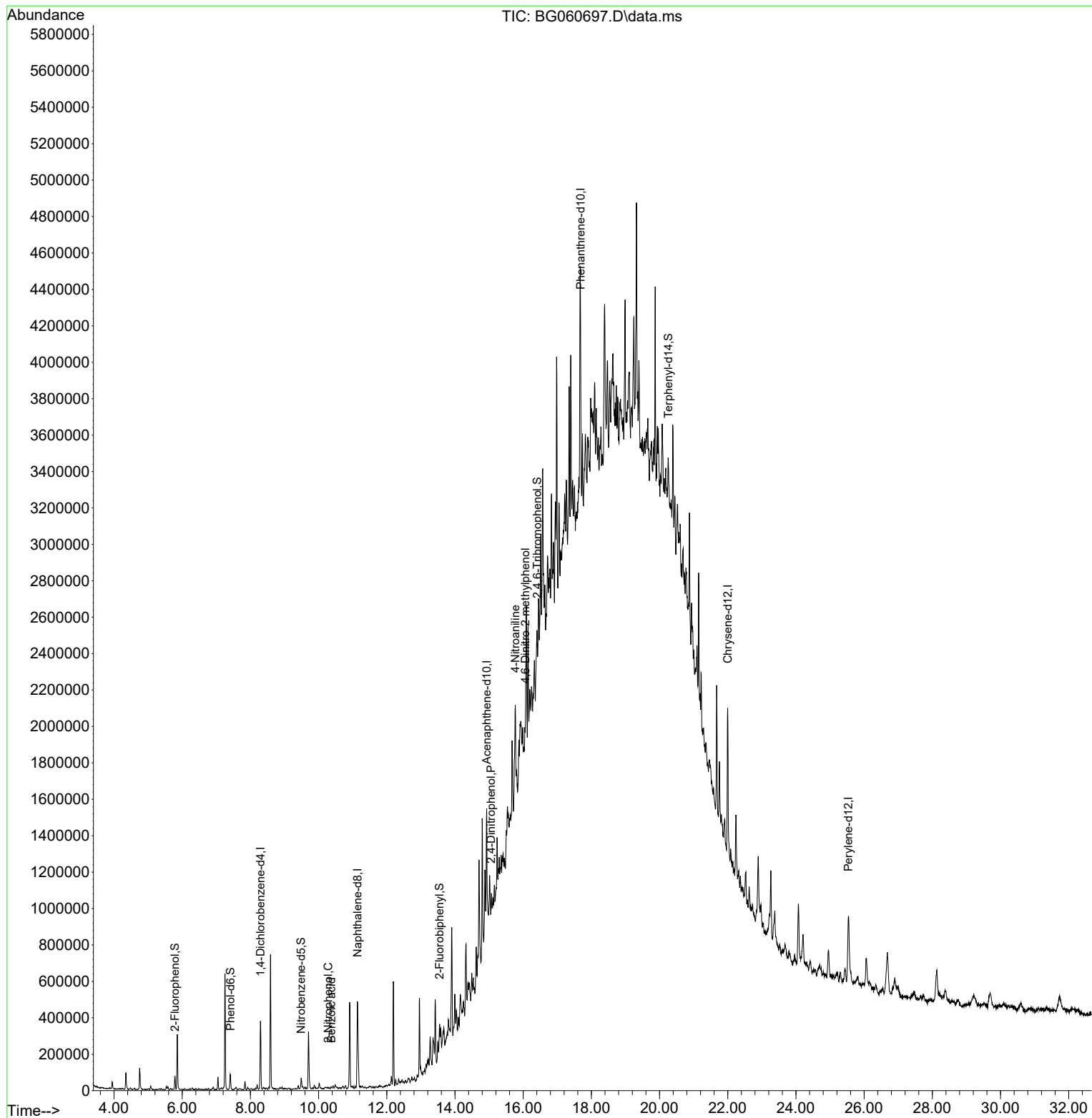
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.296	152	100078	20.000	ng	0.00
21) Naphthalene-d8	11.140	136	404731	20.000	ng	0.00
39) Acenaphthene-d10	14.929	164	253406	20.000	ng	0.00
64) Phenanthrene-d10	17.685	188	492247	20.000	ng	# 0.01
76) Chrysene-d12	21.998	240	494316	20.000	ng	0.00
86) Perylene-d12	25.541	264	565966	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.787	112	32498	5.105	ng	0.00
7) Phenol-d6	7.415	99	48122	5.211	ng	0.00
23) Nitrobenzene-d5	9.489	82	33849	4.353	ng	0.00
42) 2,4,6-Tribromophenol	16.410	330	19339	6.586	ng	0.00
45) 2-Fluorobiphenyl	13.549	172	79623	4.248	ng	0.00
79) Terphenyl-d14	20.258	244	121678	4.449	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	10.282	139	64	2.255	ng	# 1
32) Benzoic acid	10.376	122	57	6.032	ng	# 38
54) 2,4-Dinitrophenol	15.059	184	237	6.965	ng	# 1
62) 4-Nitroaniline	15.775	138	10806	2.617	ng	85
65) 4,6-Dinitro-2-methylph...	16.063	198	1070	5.247	ng	# 1

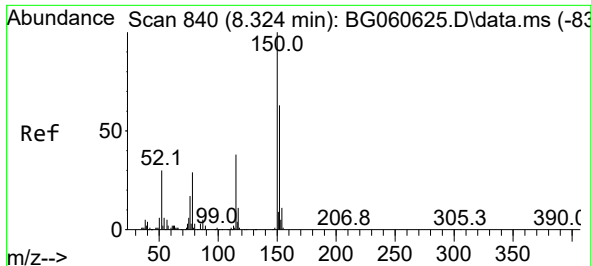
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060697.D
Acq On : 20 Mar 2024 18:39
Operator : MA/JU
Sample : P1810-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
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342

Quant Time: Mar 21 01:41:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 18 14:26:31 2024
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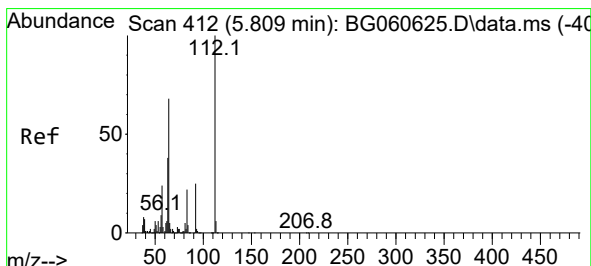
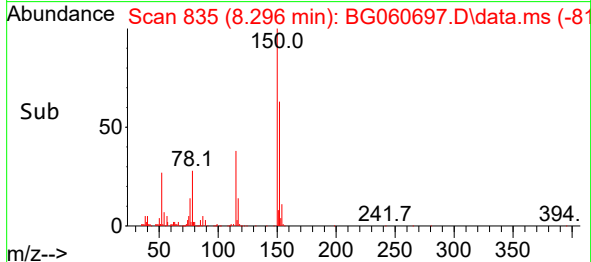
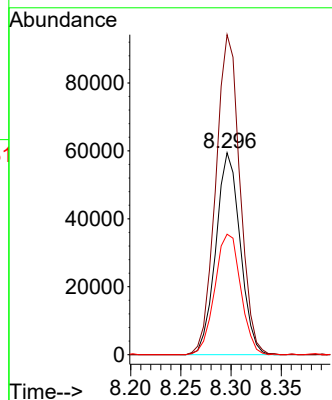
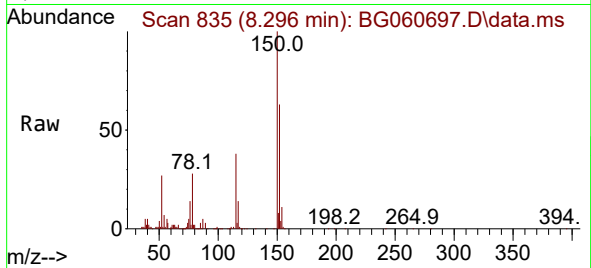




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.296 min Scan# 81
Delta R.T. 0.008 min
Lab File: BG060697.D
Acq: 20 Mar 2024 18:39

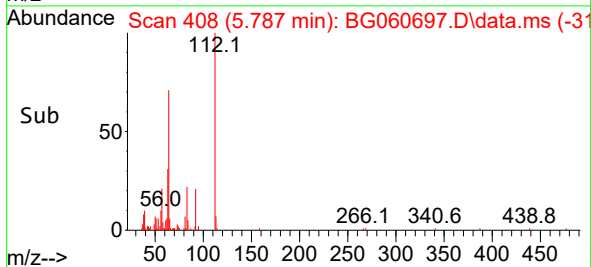
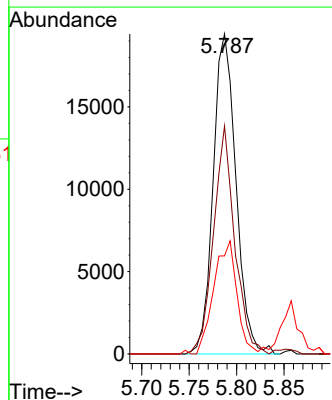
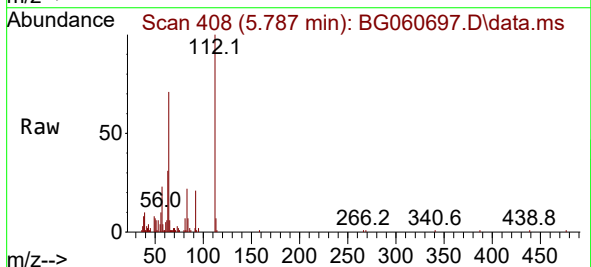
Instrument :
BNA_G
ClientSampleId :
342

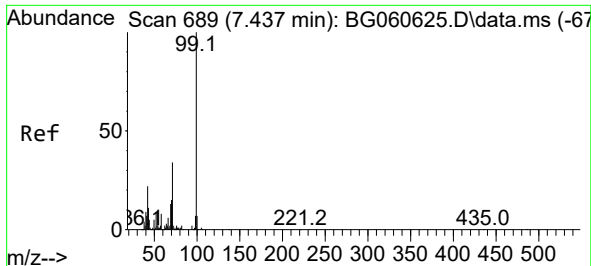
Tgt Ion:152 Resp: 100078
Ion Ratio Lower Upper
152 100
150 158.5 126.6 190.0
115 59.7 47.8 71.8



#5
2-Fluorophenol
Concen: 5.105 ng
RT: 5.787 min Scan# 408
Delta R.T. 0.008 min
Lab File: BG060697.D
Acq: 20 Mar 2024 18:39

Tgt Ion:112 Resp: 32498
Ion Ratio Lower Upper
112 100
64 71.2 54.1 81.1
63 30.6 30.3 45.5

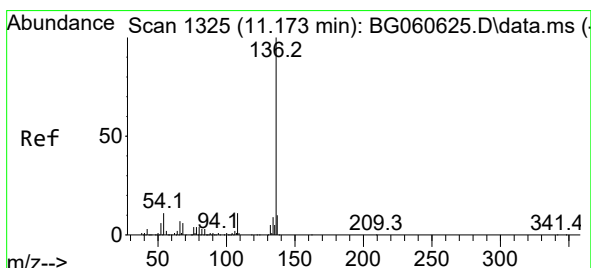
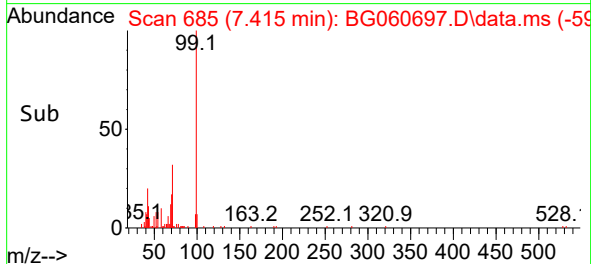
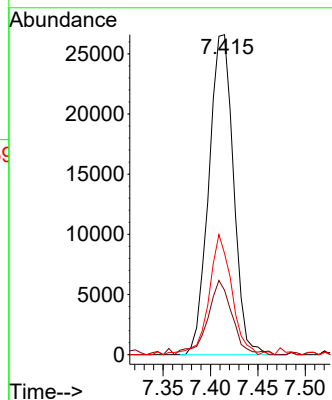
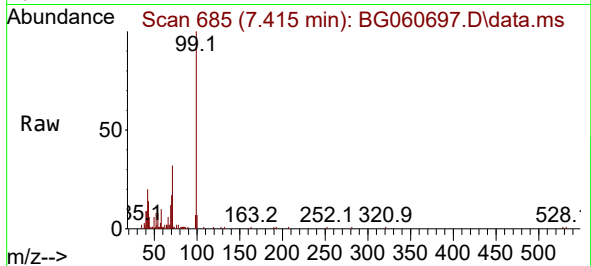




#7
Phenol-d6
Concen: 5.211 ng
RT: 7.415 min Scan# 61
Delta R.T. 0.008 min
Lab File: BG060697.D
Acq: 20 Mar 2024 18:39

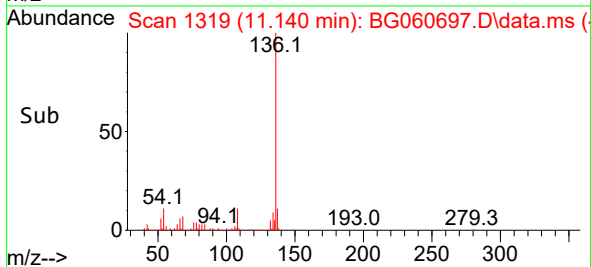
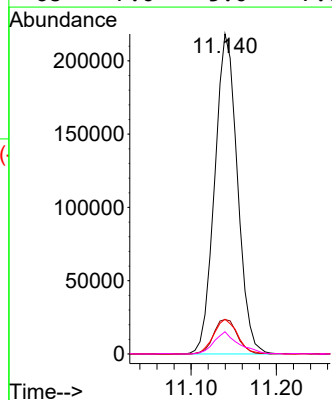
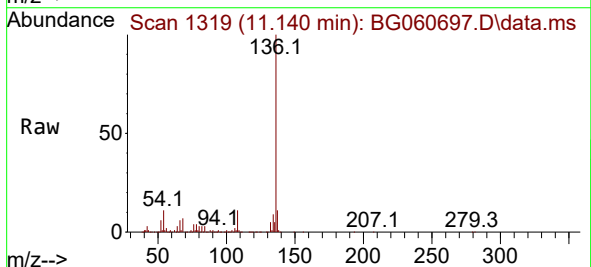
Instrument :
BNA_G
ClientSampleId :
342

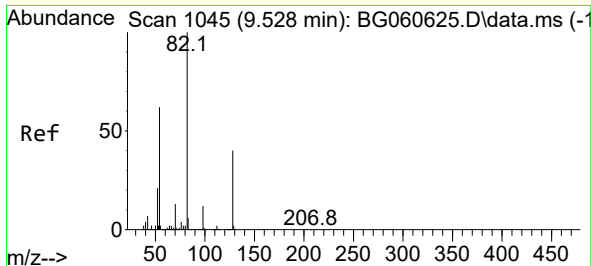
Tgt Ion: 99 Resp: 48122
Ion Ratio Lower Upper
99 100
42 20.2 17.5 26.3
71 31.7 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.140 min Scan# 1319
Delta R.T. 0.002 min
Lab File: BG060697.D
Acq: 20 Mar 2024 18:39

Tgt Ion: 136 Resp: 404731
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 10.9 8.5 12.7
68 7.0 5.0 7.6

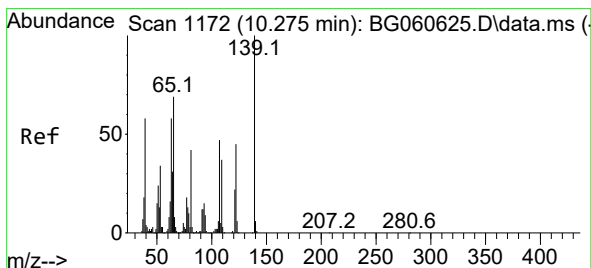
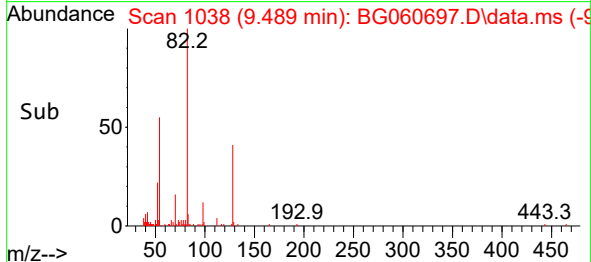
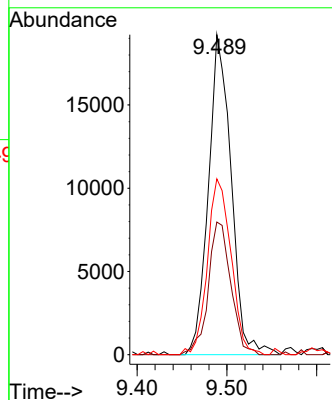
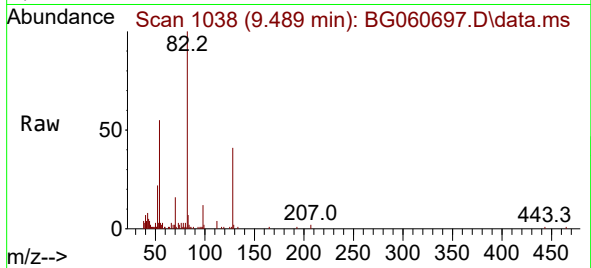




#23
Nitrobenzene-d5
Concen: 4.353 ng
RT: 9.489 min Scan# 1045
Delta R.T. -0.004 min
Lab File: BG060697.D
Acq: 20 Mar 2024 18:39

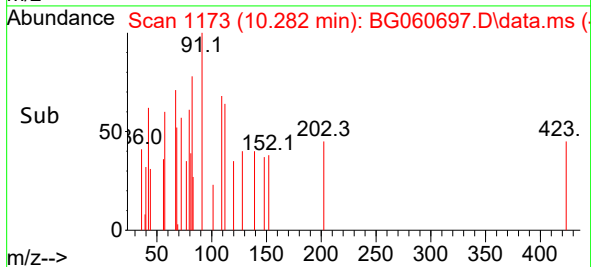
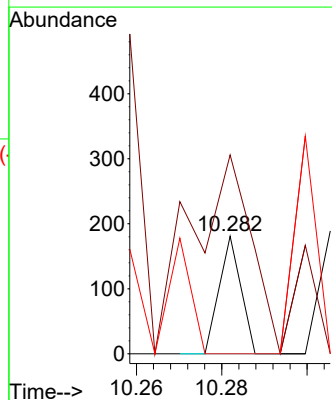
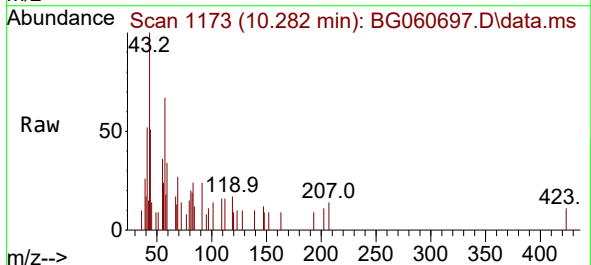
Instrument :
BNA_G
ClientSampleId :
342

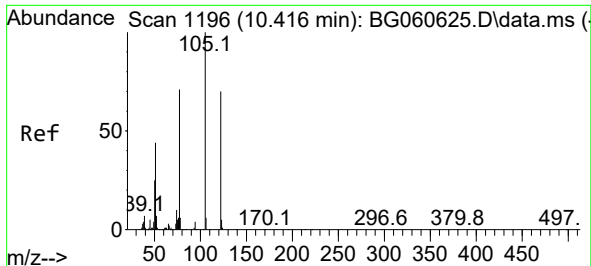
Tgt Ion: 82 Resp: 33849
Ion Ratio Lower Upper
82 100
128 41.5 31.6 47.4
54 55.0 49.3 73.9



#26
2-Nitrophenol
Concen: 2.255 ng
RT: 10.282 min Scan# 1173
Delta R.T. 0.043 min
Lab File: BG060697.D
Acq: 20 Mar 2024 18:39

Tgt Ion:139 Resp: 64
Ion Ratio Lower Upper
139 100
109 169.1 29.5 44.3#
65 0.0 55.0 82.4#

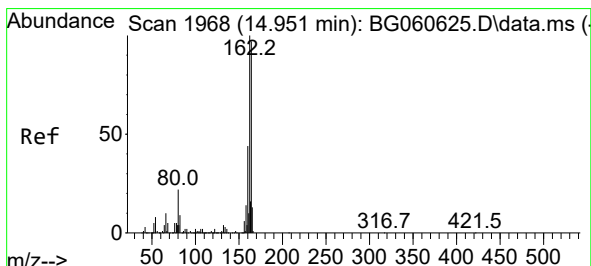
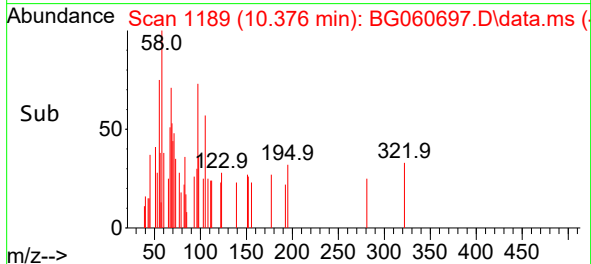
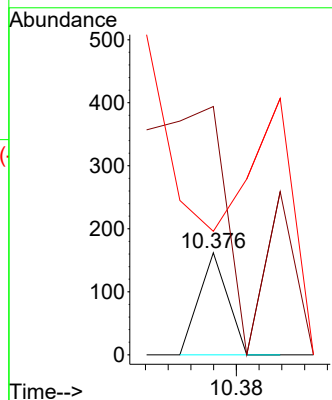
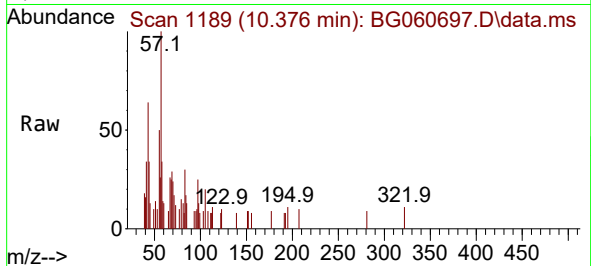




#32
Benzoic acid
Concen: 6.032 ng
RT: 10.376 min Scan# 1196
Delta R.T. 0.008 min
Lab File: BG060697.D
Acq: 20 Mar 2024 18:39

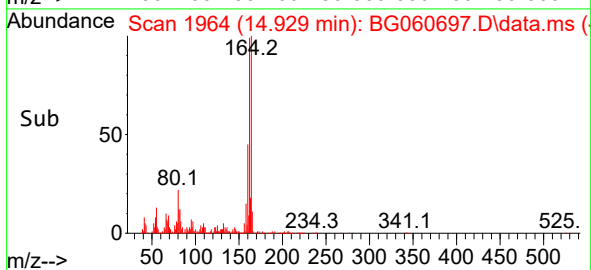
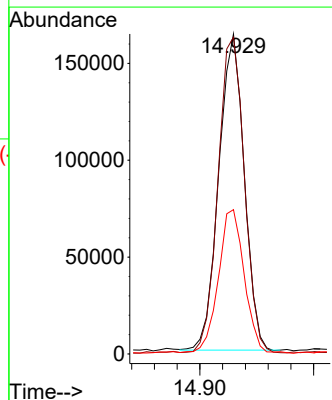
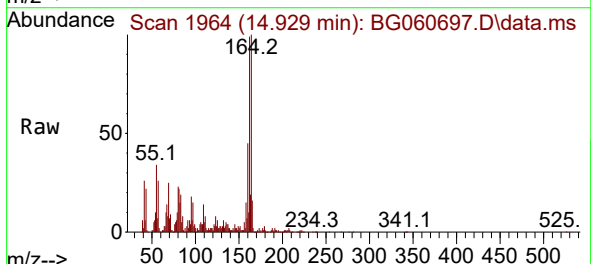
Instrument :
BNA_G
ClientSampleId :
342

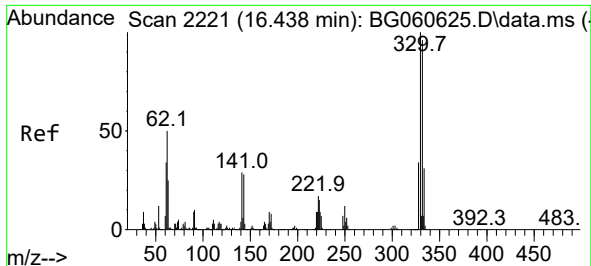
Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 243.2 115.0 155.0#
77 121.0 79.0 119.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.929 min Scan# 1964
Delta R.T. 0.002 min
Lab File: BG060697.D
Acq: 20 Mar 2024 18:39

Tgt Ion:164 Resp: 253406
Ion Ratio Lower Upper
164 100
162 99.0 82.5 123.7
160 45.1 36.4 54.6

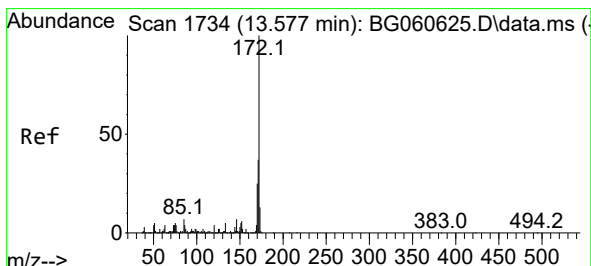
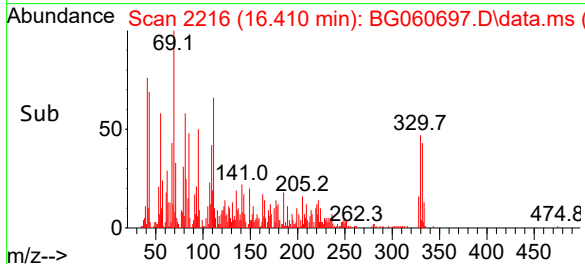
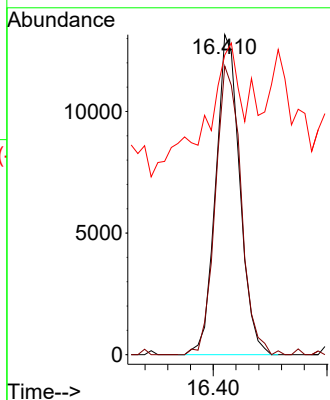
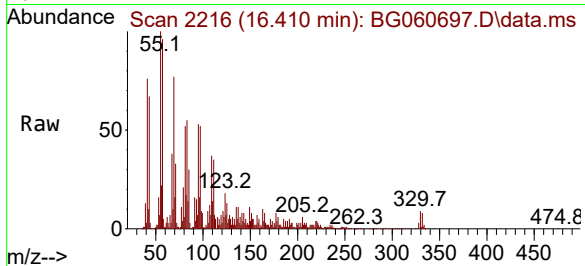




#42
2,4,6-Tribromophenol
Concen: 6.586 ng
RT: 16.410 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG060697.D
Acq: 20 Mar 2024 18:39

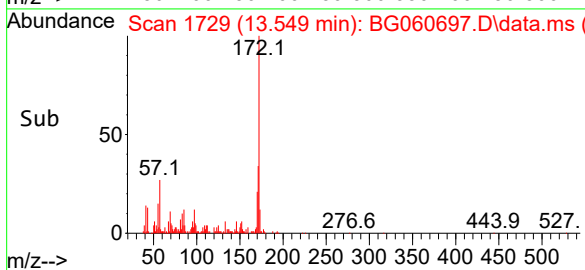
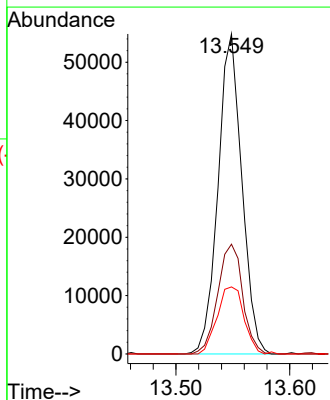
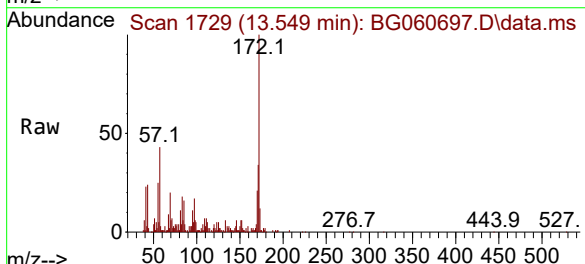
Instrument :
BNA_G
ClientSampleId :
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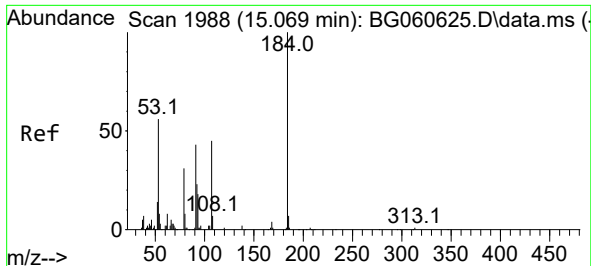
Tgt Ion:330 Resp: 19339
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 44.7 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 4.248 ng
RT: 13.549 min Scan# 1729
Delta R.T. 0.002 min
Lab File: BG060697.D
Acq: 20 Mar 2024 18:39

Tgt Ion:172 Resp: 79623
Ion Ratio Lower Upper
172 100
171 34.3 29.9 44.9
170 21.0 19.8 29.6

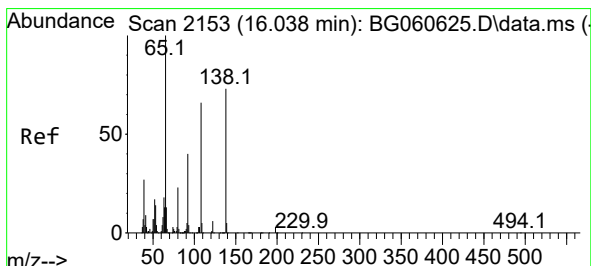
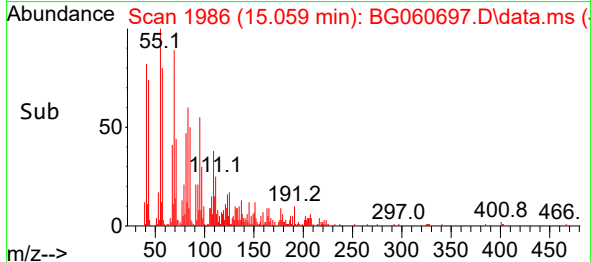
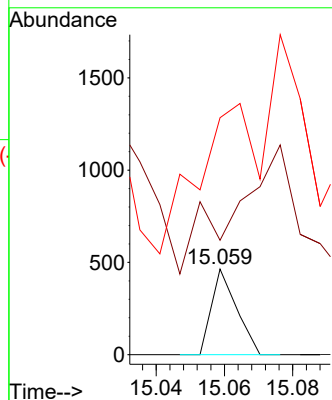
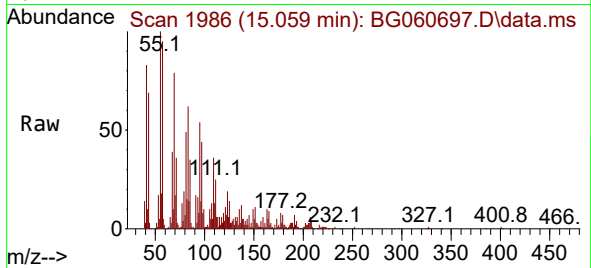




#54
2,4-Dinitrophenol
Concen: 6.965 ng
RT: 15.059 min Scan# 1988
Delta R.T. 0.014 min
Lab File: BG060697.D
Acq: 20 Mar 2024 18:39

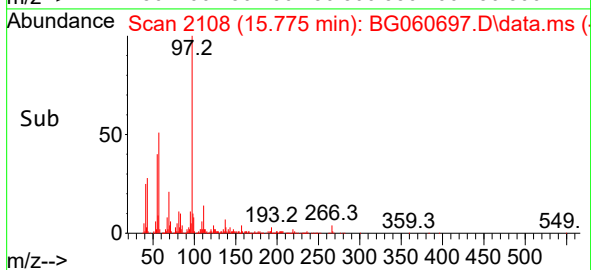
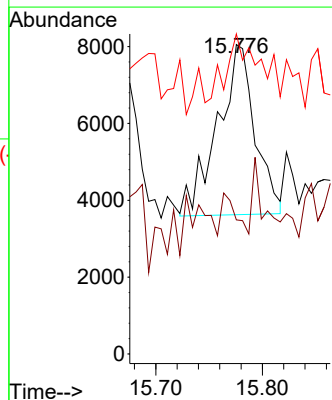
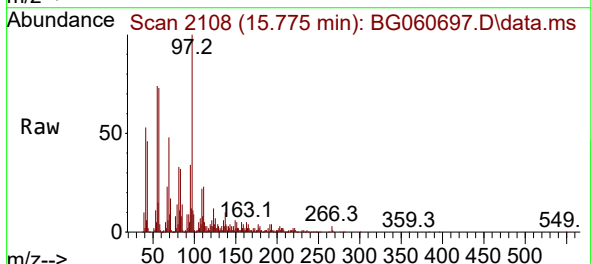
Instrument :
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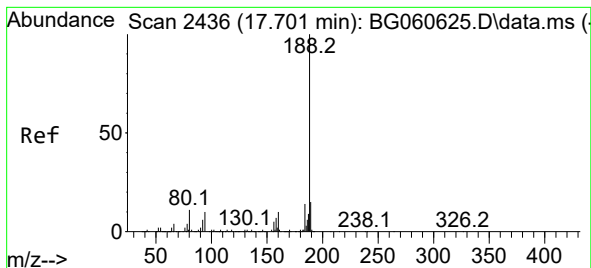
Tgt Ion:184 Resp: 237
Ion Ratio Lower Upper
184 100
63 133.6 54.4 81.6#
154 276.7 50.4 75.6#



#62
4-Nitroaniline
Concen: 2.617 ng
RT: 15.775 min Scan# 2108
Delta R.T. -0.239 min
Lab File: BG060697.D
Acq: 20 Mar 2024 18:39

Tgt Ion:138 Resp: 10806
Ion Ratio Lower Upper
138 100
92 43.3 35.4 75.4
108 103.4 70.8 110.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.685 min Scan# 2436

Delta R.T. 0.014 min

Lab File: BG060697.D

Acq: 20 Mar 2024 18:39

Instrument :

BNA_G

ClientSampleId :

342

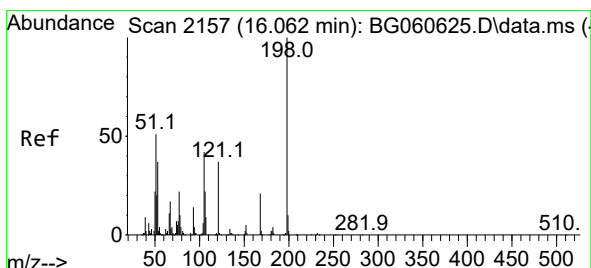
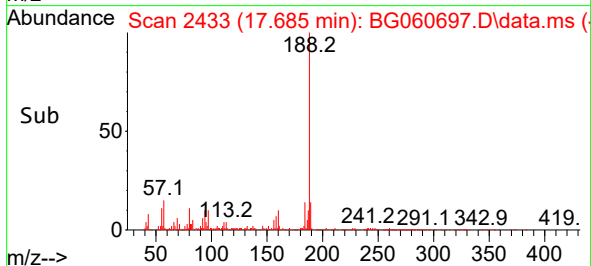
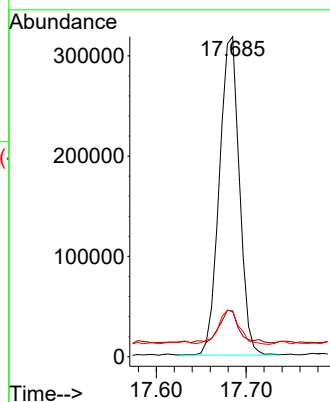
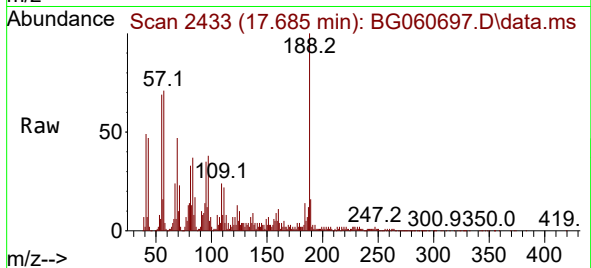
Tgt Ion:188 Resp: 492247

Ion Ratio Lower Upper

188 100

94 14.1 7.9 11.9#

80 14.4 8.6 13.0#



#65

4,6-Dinitro-2-methylphenol

Concen: 5.247 ng

RT: 16.063 min Scan# 2157

Delta R.T. 0.025 min

Lab File: BG060697.D

Acq: 20 Mar 2024 18:39

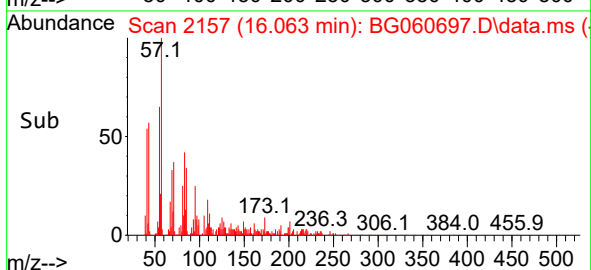
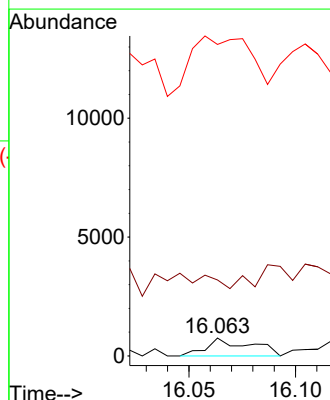
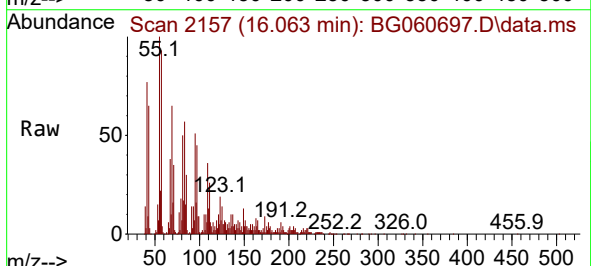
Tgt Ion:198 Resp: 1070

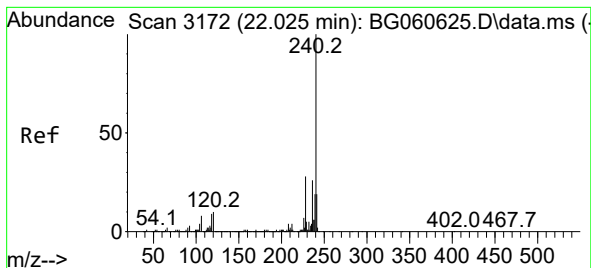
Ion Ratio Lower Upper

198 100

51 424.1 36.9 76.9#

105 1738.1 22.4 62.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.998 min Scan# 3172

Delta R.T. 0.008 min

Lab File: BG060697.D

Acq: 20 Mar 2024 18:39

Instrument :

BNA_G

ClientSampleId :

342

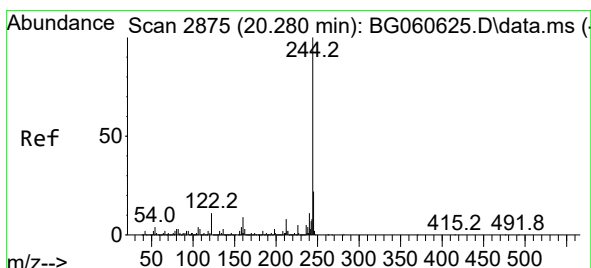
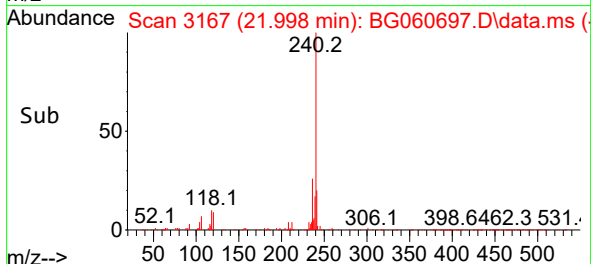
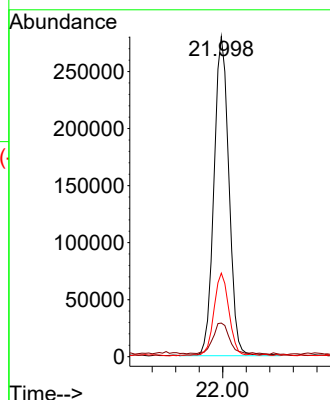
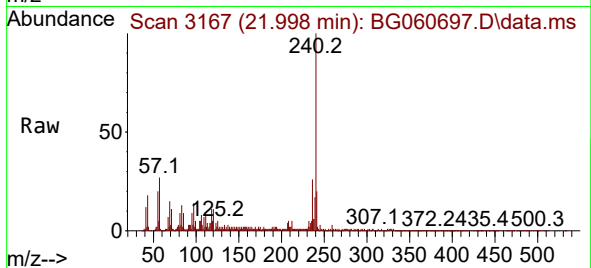
Tgt Ion:240 Resp: 494316

Ion Ratio Lower Upper

240 100

120 10.5 7.8 11.8

236 26.1 20.6 31.0



#79

Terphenyl-d14

Concen: 4.449 ng

RT: 20.258 min Scan# 2871

Delta R.T. 0.002 min

Lab File: BG060697.D

Acq: 20 Mar 2024 18:39

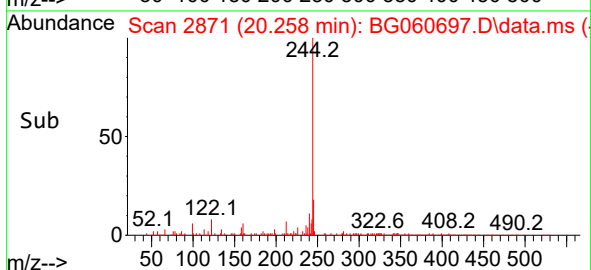
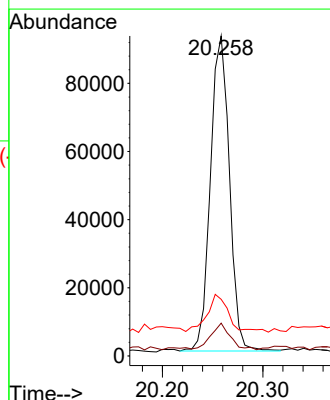
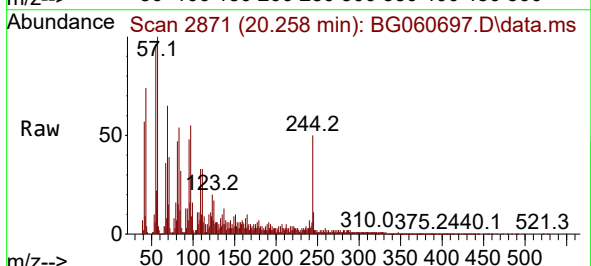
Tgt Ion:244 Resp: 121678

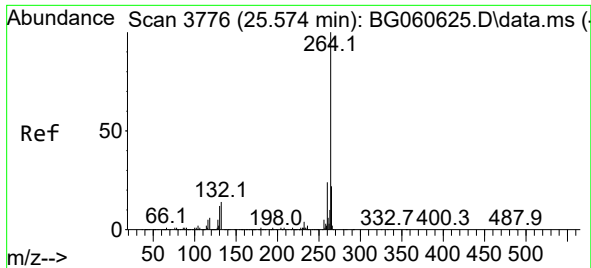
Ion Ratio Lower Upper

244 100

212 10.3 6.6 9.8#

122 17.7 8.5 12.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.541 min Scan# 31
Delta R.T. 0.014 min
Lab File: BG060697.D
Acq: 20 Mar 2024 18:39

Instrument :
BNA_G
ClientSampleId :
342

Tgt Ion:264 Resp: 565966
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 21.6 18.1 27.1

