

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031924\
 Data File : BG060681.D
 Acq On : 19 Mar 2024 14:48
 Operator : MA/JU
 Sample : P1786-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-22

Quant Time: Mar 19 15:24:30 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)

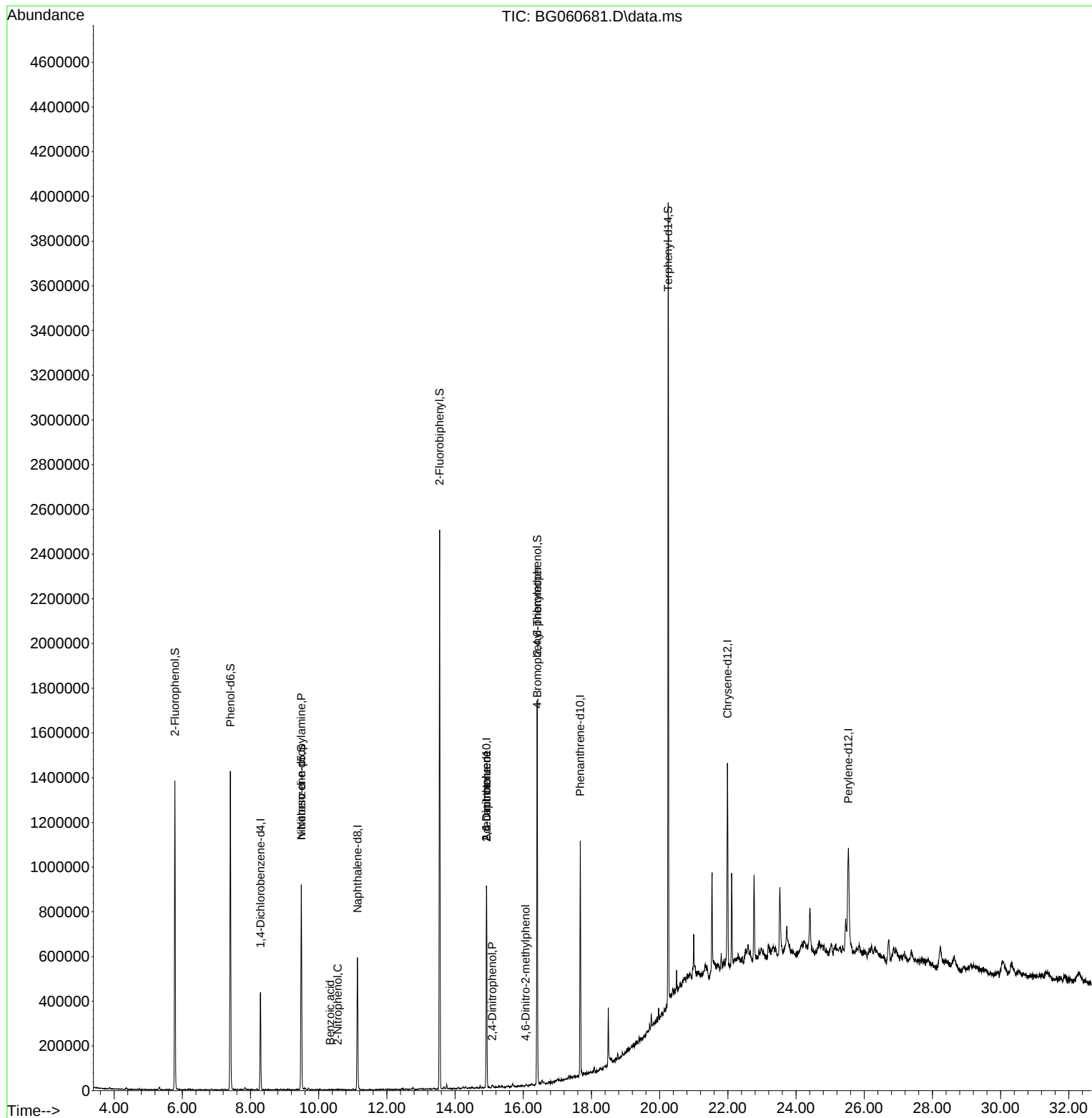
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.294	152	116073	20.000	ng	0.00
21) Naphthalene-d8	11.138	136	490767	20.000	ng	0.00
39) Acenaphthene-d10	14.921	164	325042	20.000	ng	0.00
64) Phenanthrene-d10	17.671	188	657847	20.000	ng	0.00
76) Chrysene-d12	21.990	240	592974	20.000	ng	0.00
86) Perylene-d12	25.538	264	692135	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	580905	78.673	ng	0.00
7) Phenol-d6	7.413	99	813624	75.961	ng	0.00
23) Nitrobenzene-d5	9.492	82	530202	56.226	ng	0.00
42) 2,4,6-Tribromophenol	16.408	330	322192	85.540	ng	0.00
45) 2-Fluorobiphenyl	13.547	172	1270889	52.864	ng	0.00
79) Terphenyl-d14	20.250	244	1780485	54.274	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.492	70	67331	9.069	ng	# 72
26) 2-Nitrophenol	10.562	139	81	2.256	ng	# 23
32) Benzoic acid	10.339	122	135	6.042	ng	# 1
51) 2,6-Dinitrotoluene	14.921	165	42880	9.546	ng	# 16
54) 2,4-Dinitrophenol	15.092	184	64	6.869	ng	# 17
57) 2,4-Dinitrotoluene	14.921	165	42880	7.588	ng	# 15
65) 4,6-Dinitro-2-methylph...	16.067	198	117	4.850	ng	# 21
67) 4-Bromophenyl-phenylether	16.414	248	21204	2.989	ng	# 1

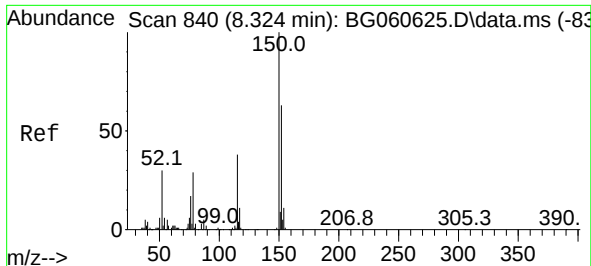
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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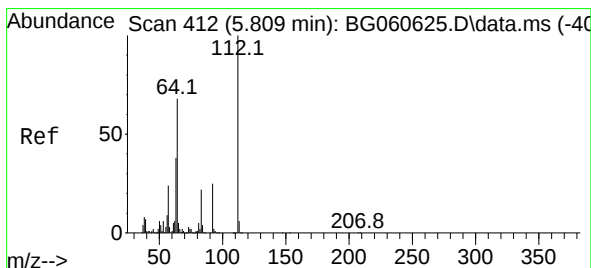
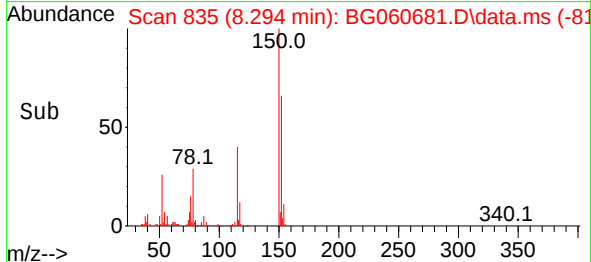
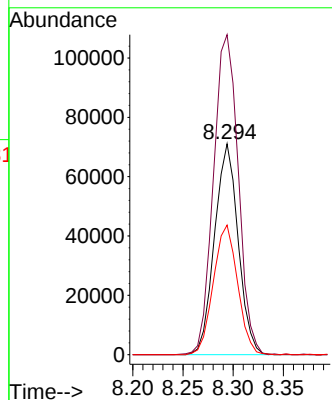
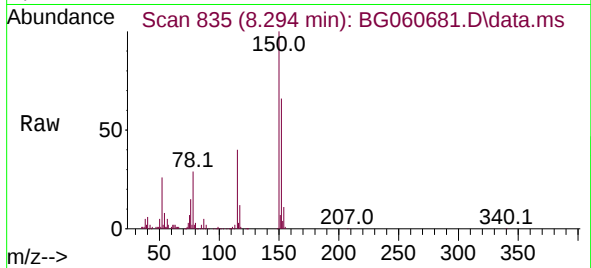




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.294 min Scan# 840
Delta R.T. 0.006 min
Lab File: BG060681.D
Acq: 19 Mar 2024 14:48

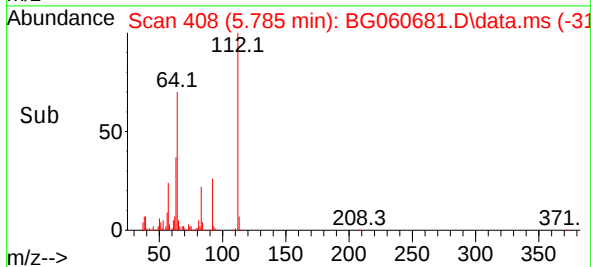
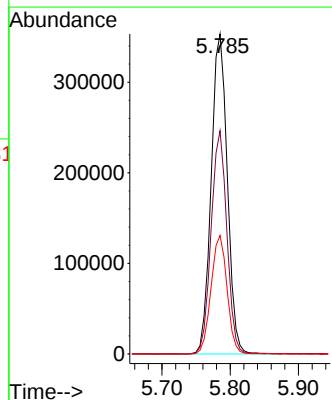
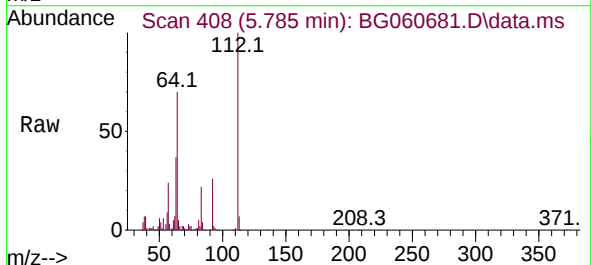
Instrument :
BNA_G
ClientSampleId :
TP-22

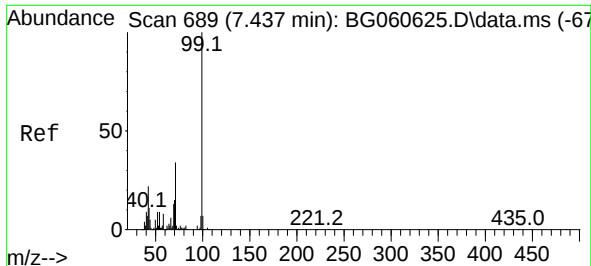
Tgt Ion:152 Resp: 116073
Ion Ratio Lower Upper
152 100
150 151.7 126.6 190.0
115 61.4 47.8 71.8



#5
2-Fluorophenol
Concen: 78.673 ng
RT: 5.785 min Scan# 408
Delta R.T. 0.006 min
Lab File: BG060681.D
Acq: 19 Mar 2024 14:48

Tgt Ion:112 Resp: 580905
Ion Ratio Lower Upper
112 100
64 69.8 54.1 81.1
63 37.0 30.3 45.5

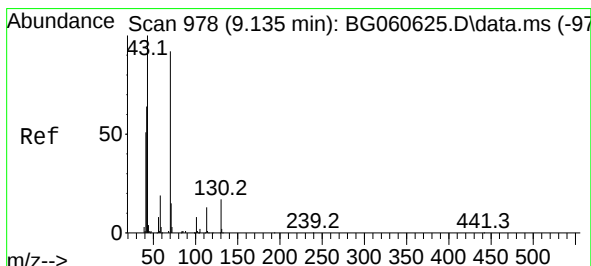
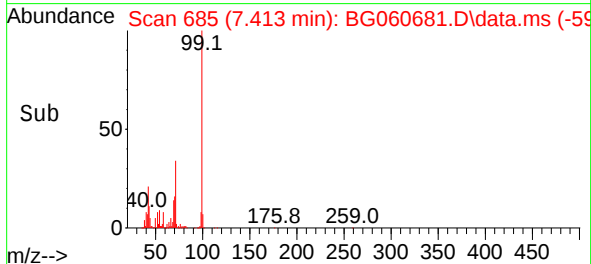
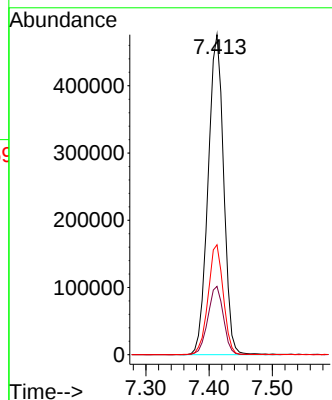
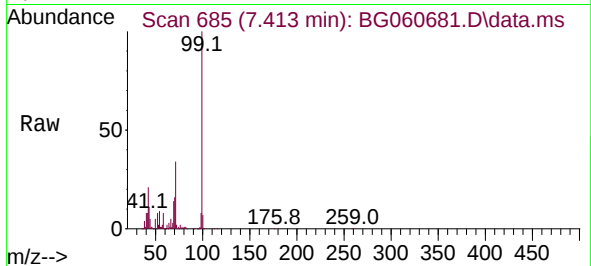




#7
Phenol-d6
Concen: 75.961 ng
RT: 7.413 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG060681.D
Acq: 19 Mar 2024 14:48

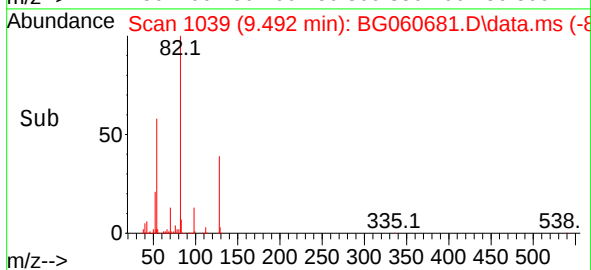
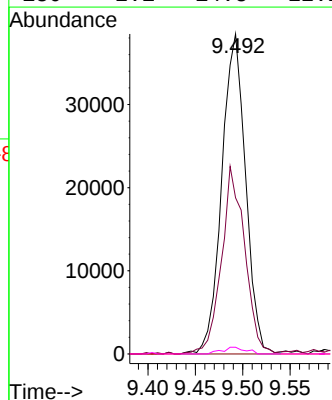
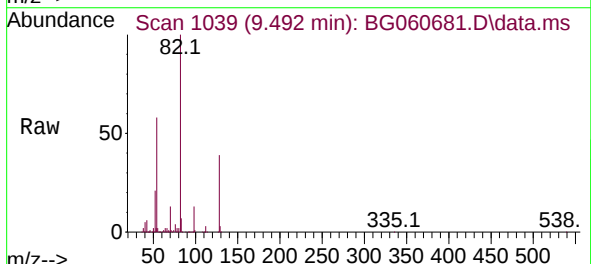
Instrument :
BNA_G
ClientSampleId :
TP-22

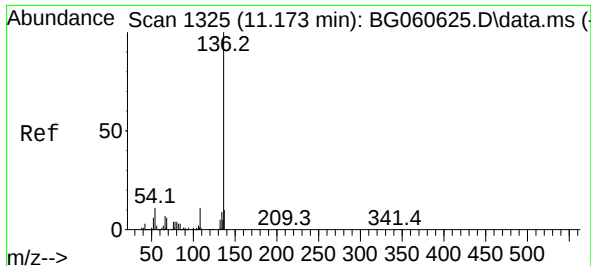
Tgt Ion: 99 Resp: 813624
Ion Ratio Lower Upper
99 100
42 21.3 17.5 26.3
71 34.4 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 9.069 ng
RT: 9.492 min Scan# 1039
Delta R.T. 0.393 min
Lab File: BG060681.D
Acq: 19 Mar 2024 14:48

Tgt Ion: 70 Resp: 67331
Ion Ratio Lower Upper
70 100
42 48.8 56.2 84.2#
101 0.0 7.4 11.0#
130 2.1 14.8 22.2#

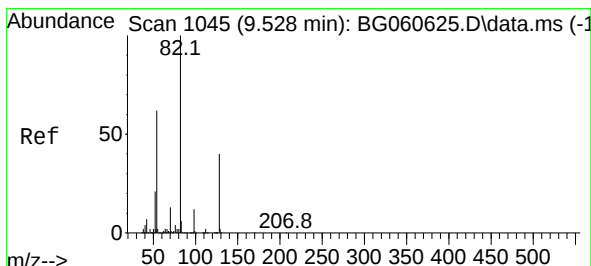
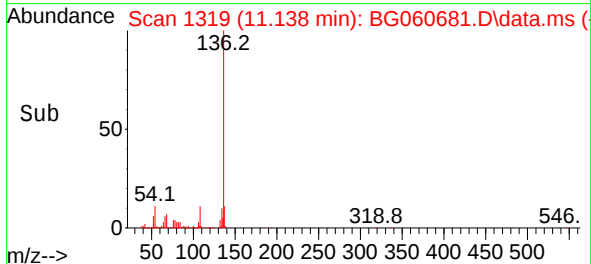
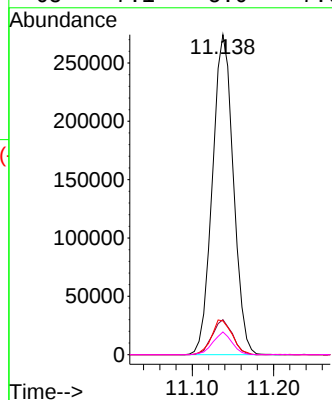
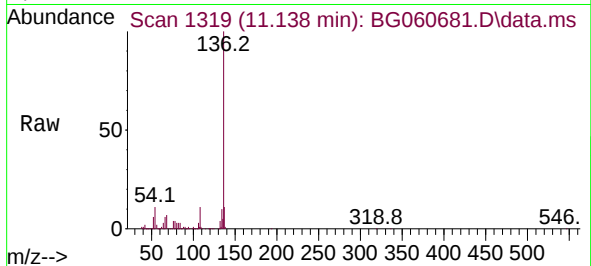




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.138 min Scan# 14
Delta R.T. -0.000 min
Lab File: BG060681.D
Acq: 19 Mar 2024 14:48

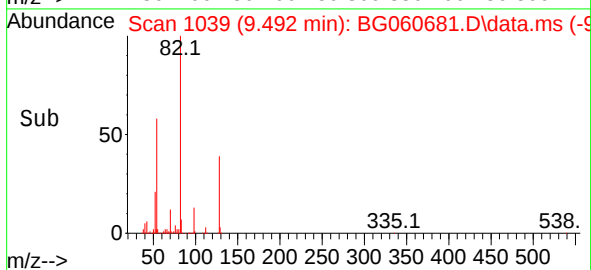
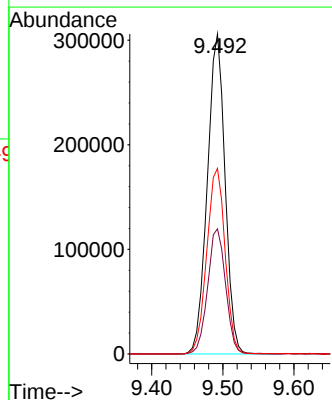
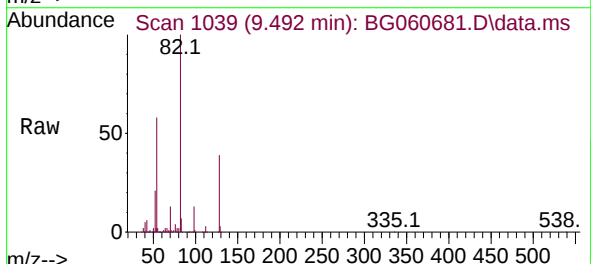
Instrument :
BNA_G
ClientSampleId :
TP-22

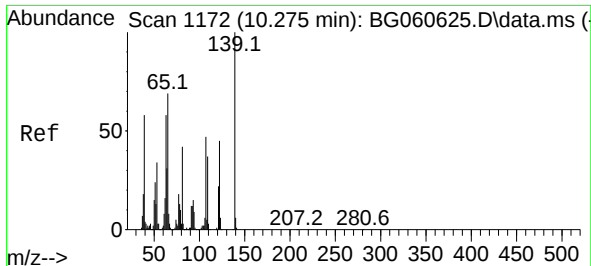
Tgt Ion:136 Resp: 490767
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 10.6 8.5 12.7
68 7.1 5.0 7.6



#23
Nitrobenzene-d5
Concen: 56.226 ng
RT: 9.492 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BG060681.D
Acq: 19 Mar 2024 14:48

Tgt Ion: 82 Resp: 530202
Ion Ratio Lower Upper
82 100
128 39.1 31.6 47.4
54 58.0 49.3 73.9

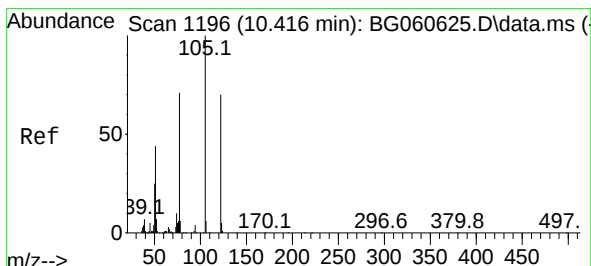
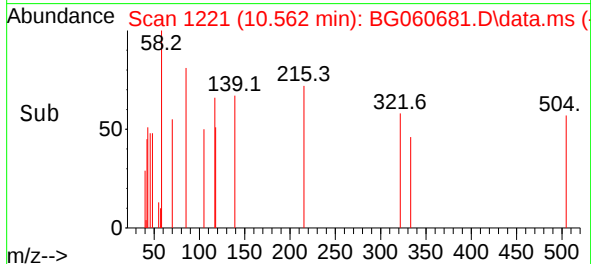
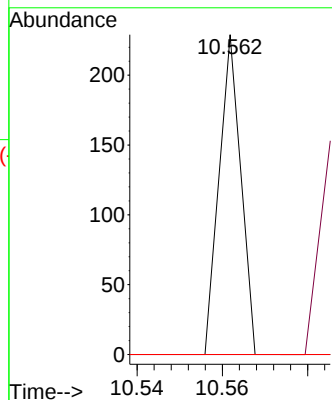
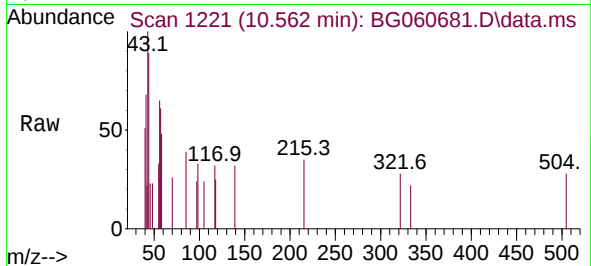




#26
2-Nitrophenol
Concen: 2.256 ng
RT: 10.562 min Scan# 1172
Delta R.T. 0.323 min
Lab File: BG060681.D
Acq: 19 Mar 2024 14:48

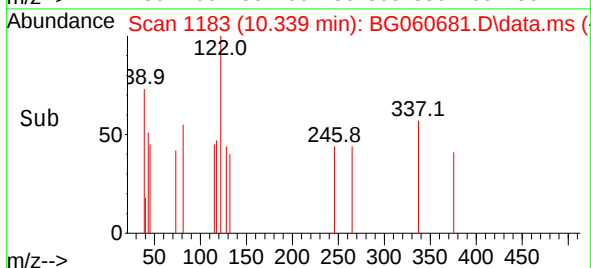
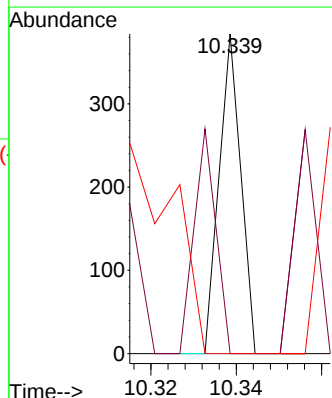
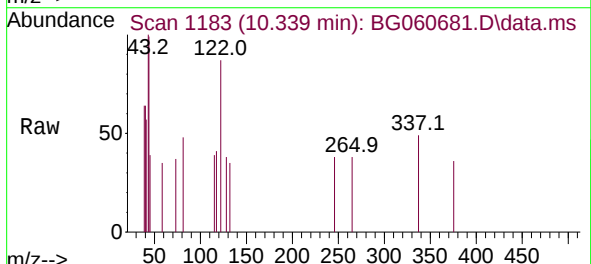
Instrument :
BNA_G
ClientSampleId :
TP-22

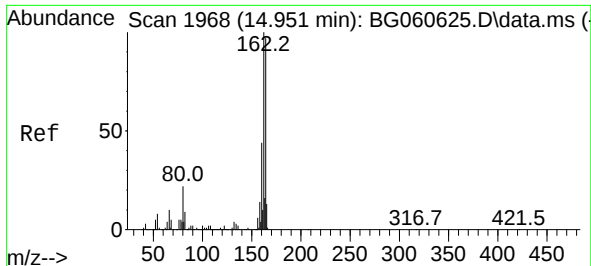
Tgt Ion:139 Resp: 81
Ion Ratio Lower Upper
139 100
109 0.0 29.5 44.3#
65 0.0 55.0 82.4#



#32
Benzoic acid
Concen: 6.042 ng
RT: 10.339 min Scan# 1183
Delta R.T. -0.030 min
Lab File: BG060681.D
Acq: 19 Mar 2024 14:48

Tgt Ion:122 Resp: 135
Ion Ratio Lower Upper
122 100
105 0.0 115.0 155.0#
77 0.0 79.0 119.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.921 min Scan# 1963

Delta R.T. -0.006 min

Lab File: BG060681.D

Acq: 19 Mar 2024 14:48

Instrument :

BNA_G

ClientSampleId :

TP-22

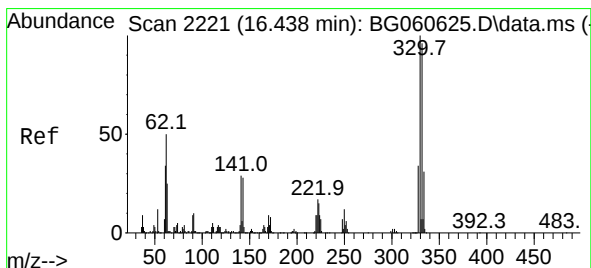
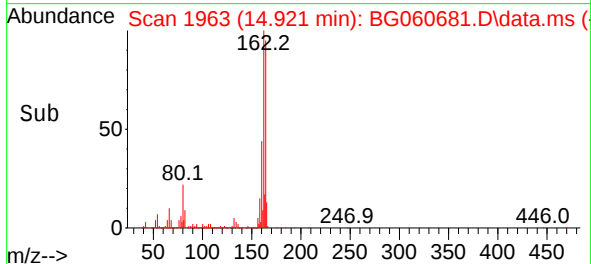
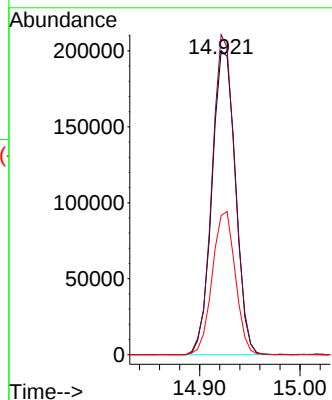
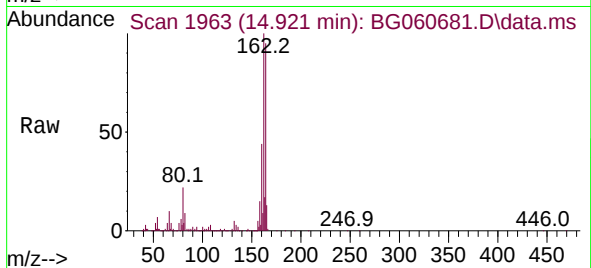
Tgt Ion:164 Resp: 325042

Ion Ratio Lower Upper

164 100

162 105.2 82.5 123.7

160 45.8 36.4 54.6



#42

2,4,6-Tribromophenol

Concen: 85.540 ng

RT: 16.408 min Scan# 2216

Delta R.T. -0.000 min

Lab File: BG060681.D

Acq: 19 Mar 2024 14:48

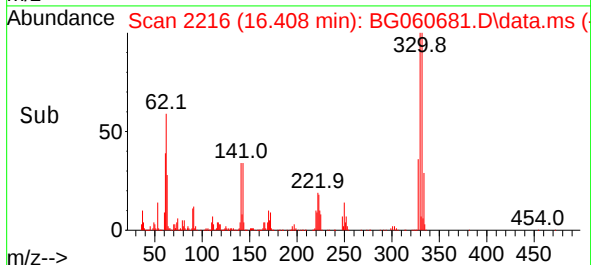
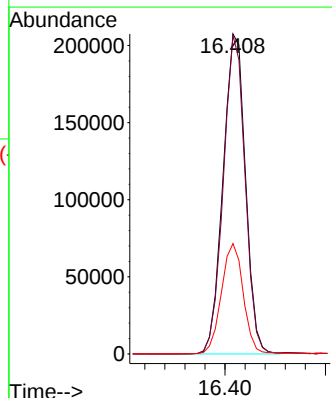
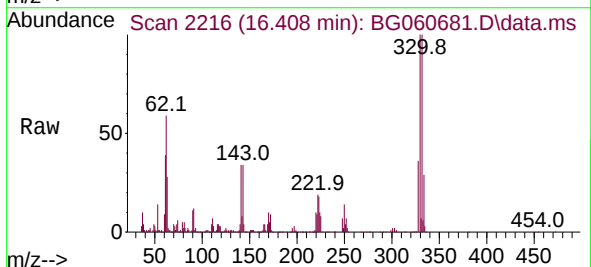
Tgt Ion:330 Resp: 322192

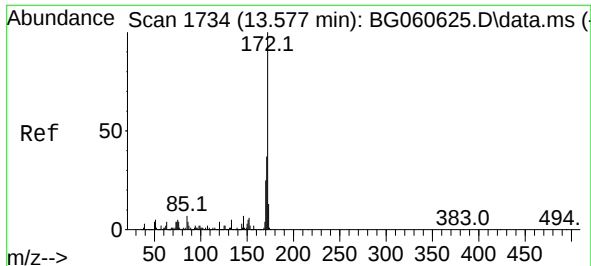
Ion Ratio Lower Upper

330 100

332 96.1 77.8 116.8

141 33.9 25.4 38.2

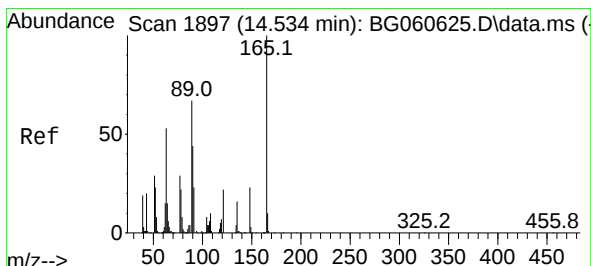
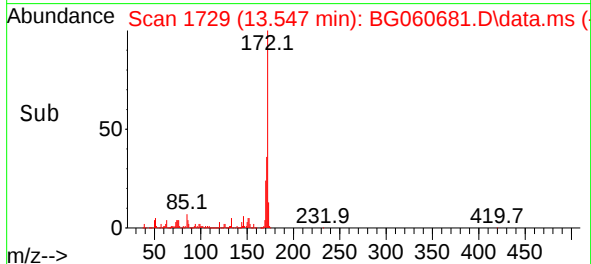
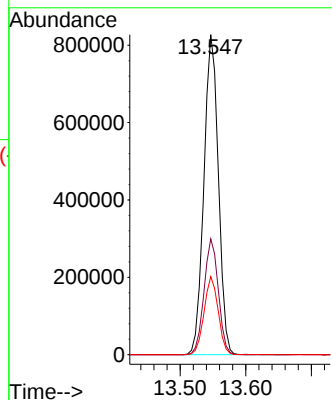
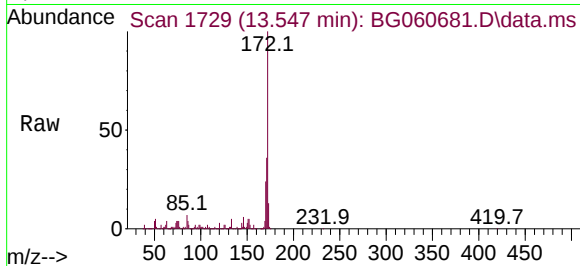




#45
2-Fluorobiphenyl
Concen: 52.864 ng
RT: 13.547 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG060681.D
Acq: 19 Mar 2024 14:48

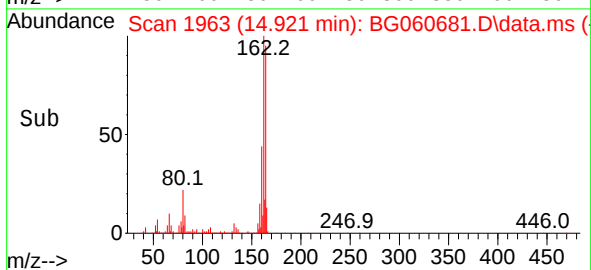
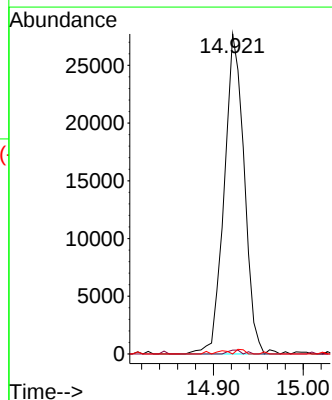
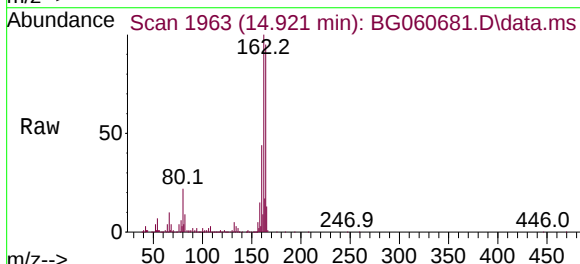
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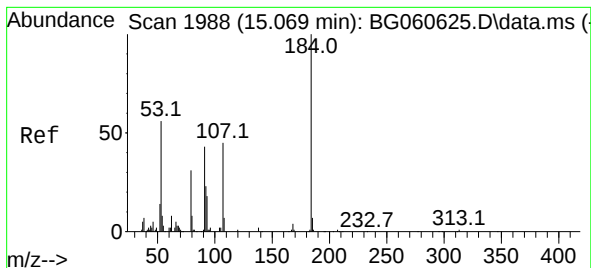
Tgt Ion:172 Resp: 1270889
Ion Ratio Lower Upper
172 100
171 36.2 29.9 44.9
170 24.4 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 9.546 ng
RT: 14.921 min Scan# 1963
Delta R.T. 0.411 min
Lab File: BG060681.D
Acq: 19 Mar 2024 14:48

Tgt Ion:165 Resp: 42880
Ion Ratio Lower Upper
165 100
63 1.2 55.8 83.6#
89 0.0 54.1 81.1#





#54

2,4-Dinitrophenol

Concen: 6.869 ng

RT: 15.092 min Scan# 1

Delta R.T. 0.047 min

Lab File: BG060681.D

Acq: 19 Mar 2024 14:48

Instrument :

BNA_G

ClientSampleId :

TP-22

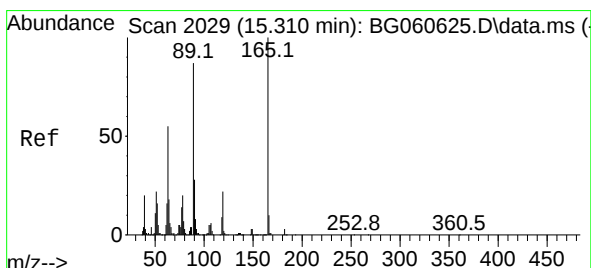
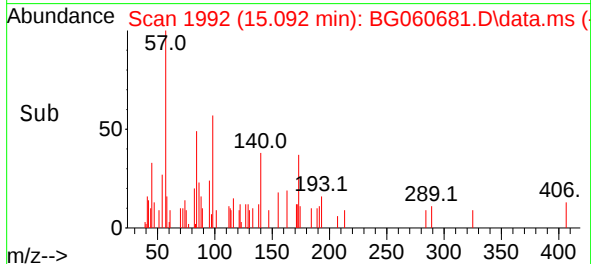
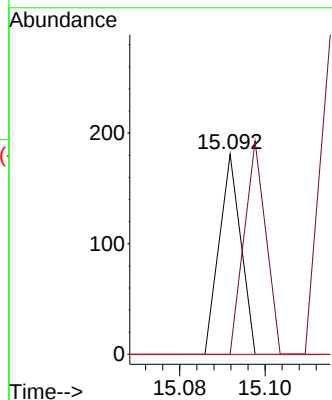
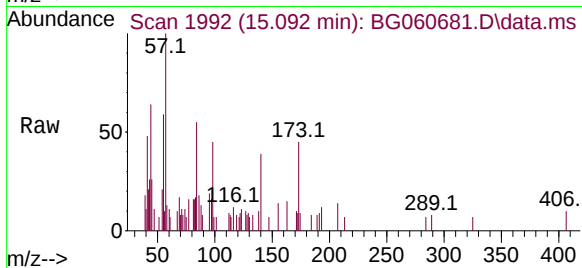
Tgt Ion:184 Resp: 64

Ion Ratio Lower Upper

184 100

63 0.0 54.4 81.6#

154 0.0 50.4 75.6#



#57

2,4-Dinitrotoluene

Concen: 7.588 ng

RT: 14.921 min Scan# 1963

Delta R.T. -0.364 min

Lab File: BG060681.D

Acq: 19 Mar 2024 14:48

Tgt Ion:165 Resp: 42880

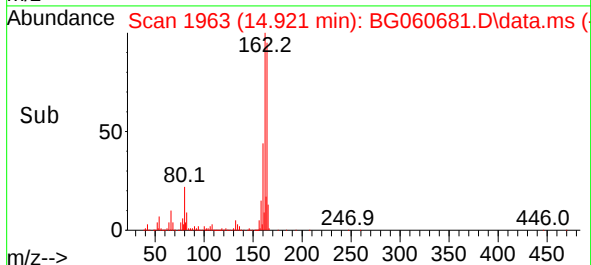
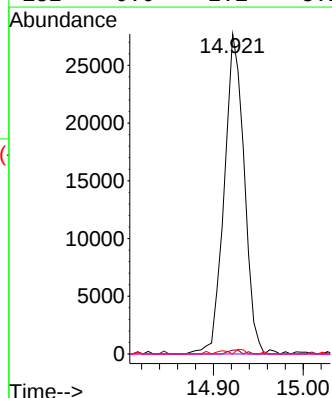
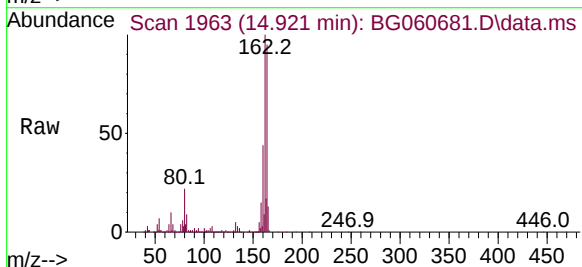
Ion Ratio Lower Upper

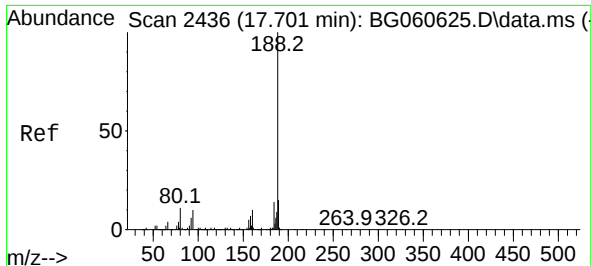
165 100

63 1.2 44.1 66.1#

89 0.0 69.7 104.5#

182 0.0 2.1 3.1#

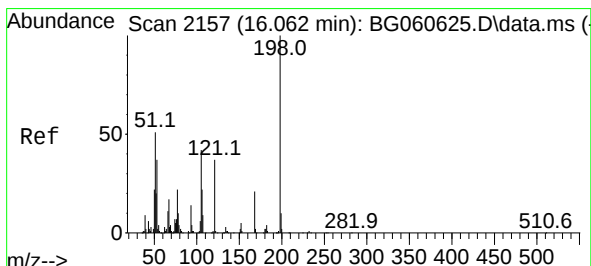
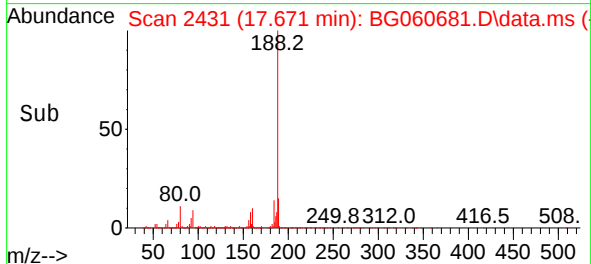
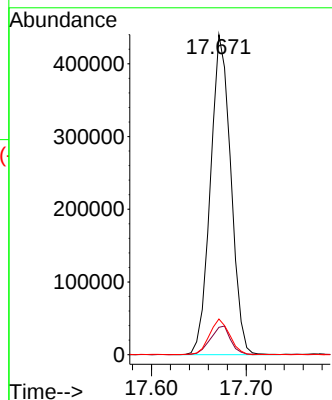
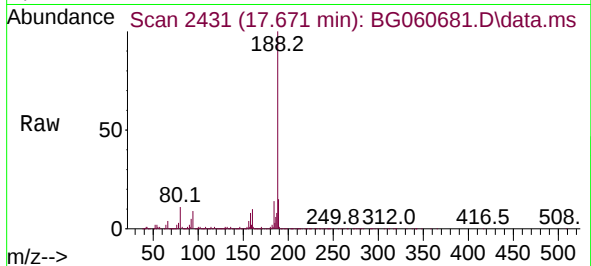




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.671 min Scan# 2436
Delta R.T. -0.000 min
Lab File: BG060681.D
Acq: 19 Mar 2024 14:48

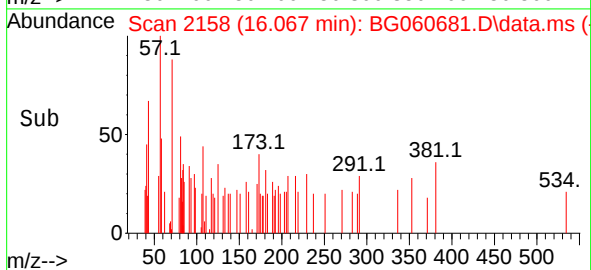
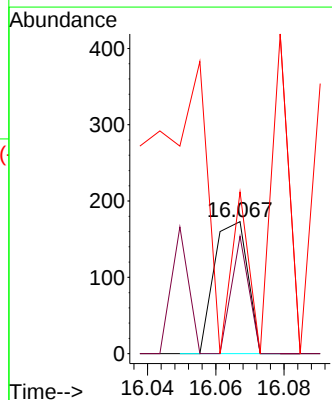
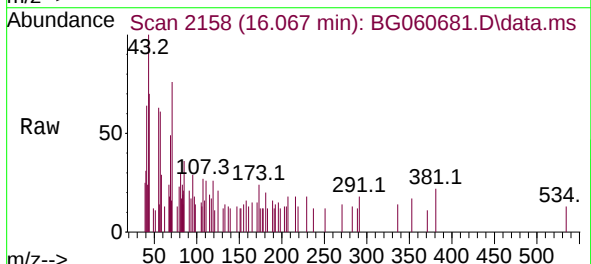
Instrument :
BNA_G
ClientSampleId :
TP-22

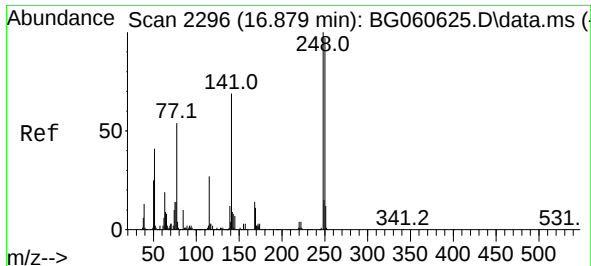
Tgt Ion:188 Resp: 657847
Ion Ratio Lower Upper
188 100
94 8.6 7.9 11.9
80 11.1 8.6 13.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.850 ng
RT: 16.067 min Scan# 2158
Delta R.T. 0.029 min
Lab File: BG060681.D
Acq: 19 Mar 2024 14:48

Tgt Ion:198 Resp: 117
Ion Ratio Lower Upper
198 100
51 89.0 36.9 76.9#
105 122.5 22.4 62.4#

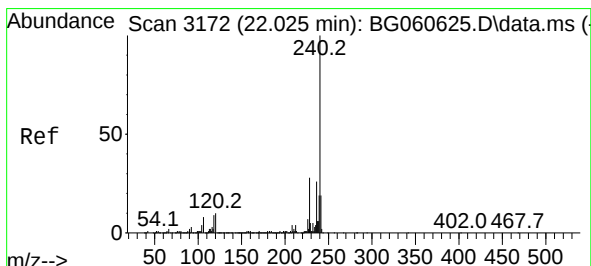
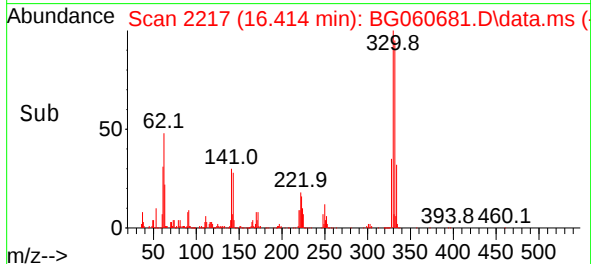
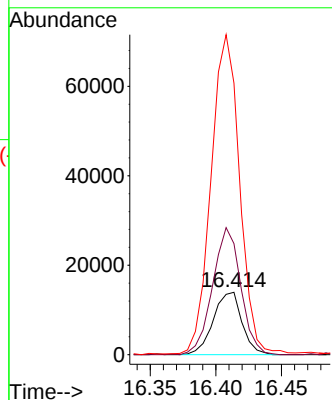
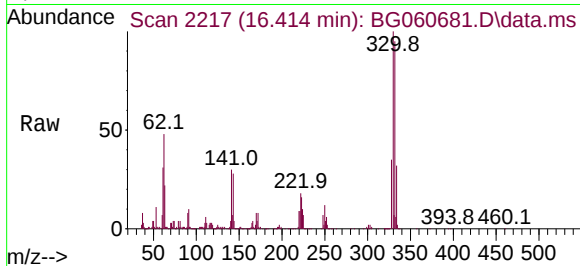




#67
4-Bromophenyl-phenylether
Concen: 2.989 ng
RT: 16.414 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG060681.D
Acq: 19 Mar 2024 14:48

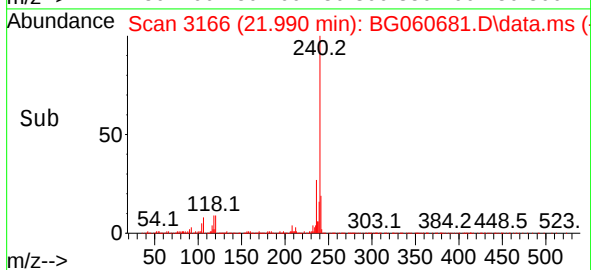
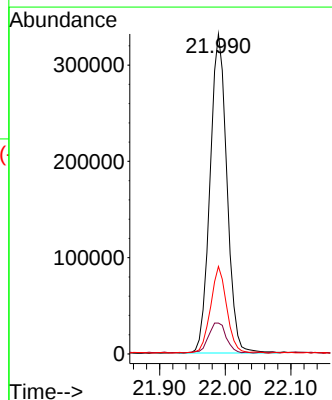
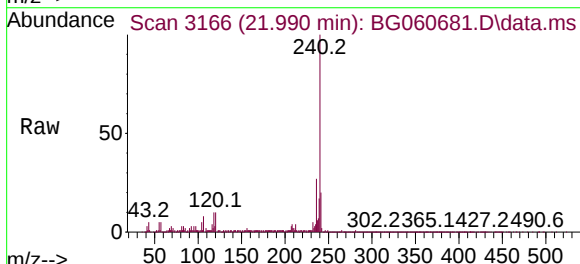
Instrument :
BNA_G
ClientSampleId :
TP-22

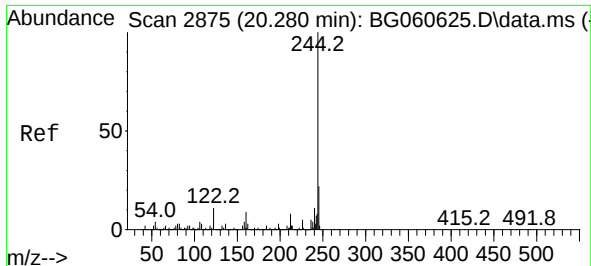
Tgt Ion:248 Resp: 21204
Ion Ratio Lower Upper
248 100
250 177.9 77.8 116.6#
141 435.1 55.1 82.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.990 min Scan# 3166
Delta R.T. -0.000 min
Lab File: BG060681.D
Acq: 19 Mar 2024 14:48

Tgt Ion:240 Resp: 592974
Ion Ratio Lower Upper
240 100
120 9.7 7.8 11.8
236 27.3 20.6 31.0





#79

Terphenyl-d14

Concen: 54.274 ng

RT: 20.250 min Scan# 21

Delta R.T. -0.006 min BNA_G

Lab File: BG060681.D

Acq: 19 Mar 2024 14:48

Instrument :

BNA_G

ClientSampleId :

TP-22

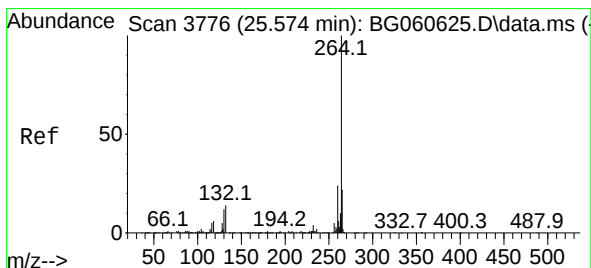
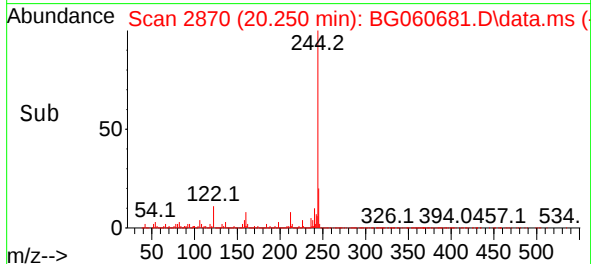
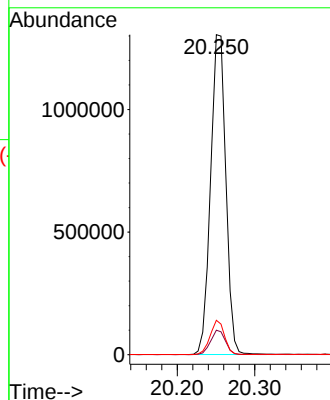
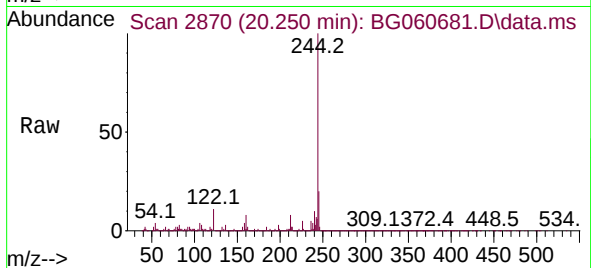
Tgt Ion:244 Resp: 1780485

Ion Ratio Lower Upper

244 100

212 7.7 6.6 9.8

122 10.8 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.538 min Scan# 3770

Delta R.T. 0.012 min

Lab File: BG060681.D

Acq: 19 Mar 2024 14:48

Tgt Ion:264 Resp: 692135

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 20.4 18.1 27.1

