

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060156.D
 Acq On : 23 Dec 2023 3:39
 Operator : MA/JU
 Sample : 05929-21
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-1

Quant Time: Dec 25 00:43:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 03:42:04 2023
 Response via : Initial Calibration

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

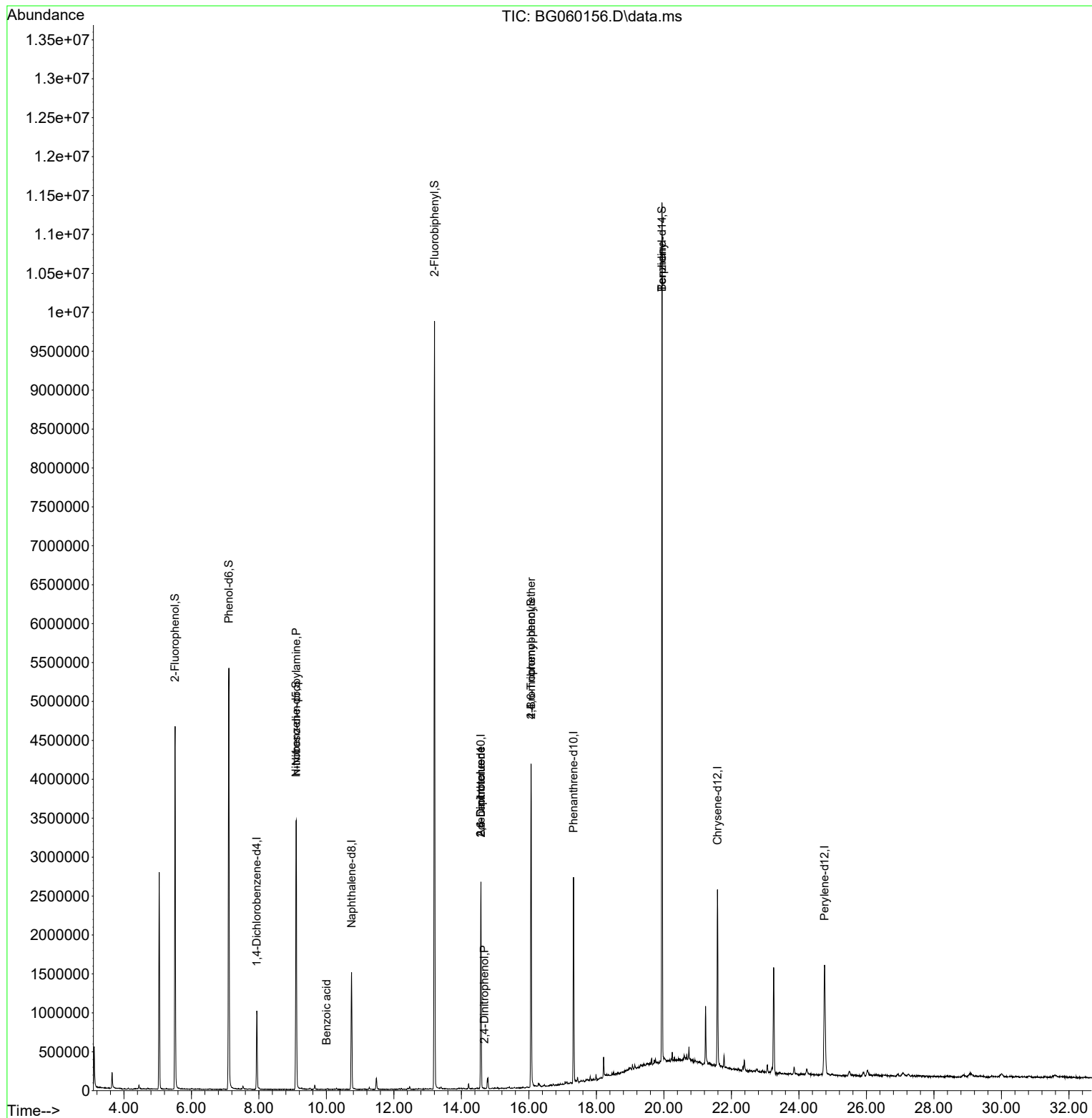
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	301109	20.000	ng	# 0.00
21) Naphthalene-d8	10.746	136	1319243	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	931843	20.000	ng	0.00
64) Phenanthrene-d10	17.320	188	1785169	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1308685	20.000	ng	0.00
86) Perylene-d12	24.759	264	1504528	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.517	112	2086509	109.187	ng	0.00
7) Phenol-d6	7.109	99	3376001	104.974	ng	0.00
23) Nitrobenzene-d5	9.101	82	2326502	86.390	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	839190	66.886	ng	0.00
45) 2-Fluorobiphenyl	13.202	172	5008430	80.704	ng	0.00
79) Terphenyl-d14	19.941	244	4917791	67.999	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.106	70	296091	11.840	ng	# 73
32) Benzoic acid	10.005	122	58	5.091	ng	# 37
51) 2,6-Dinitrotoluene	14.577	165	120852	7.371	ng	# 24
54) 2,4-Dinitrophenol	14.682	184	67	6.624	ng	# 21
57) 2,4-Dinitrotoluene	14.577	165	120852	5.022	ng	# 23
67) 4-Bromophenyl-phenylether	16.063	248	53046	3.154	ng	# 1
77) Benzidine	19.941	184	90008	2.544	ng	# 91

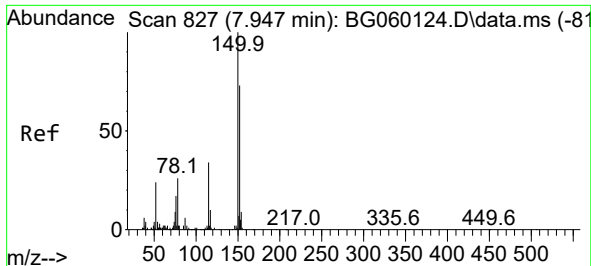
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
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TR-1

Quant Time: Dec 25 00:43:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 03:42:04 2023
Response via : Initial Calibration

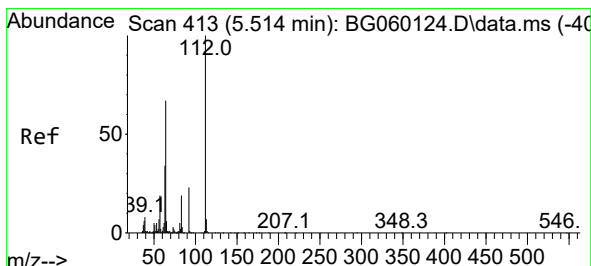
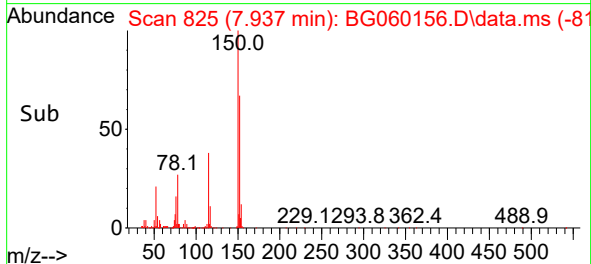
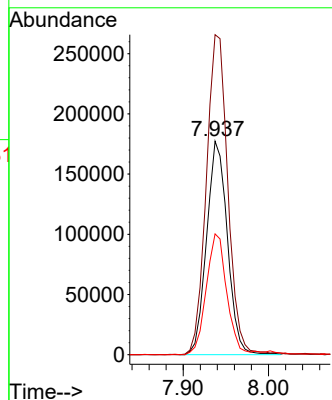
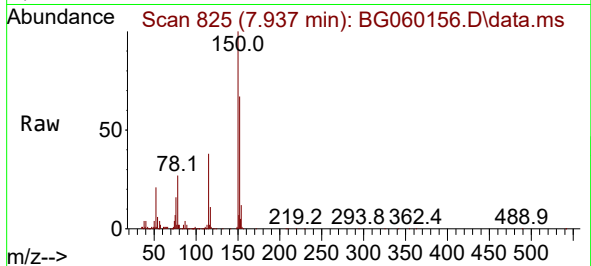




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG060156.D
Acq: 23 Dec 2023 3:39

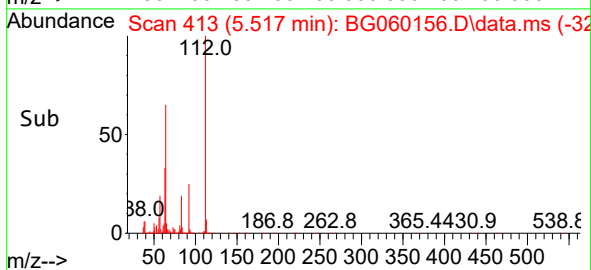
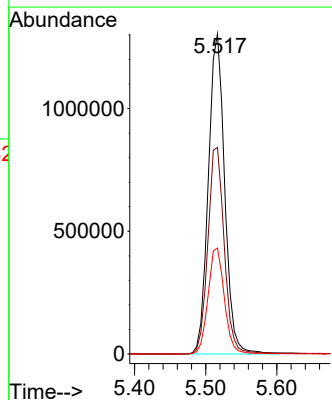
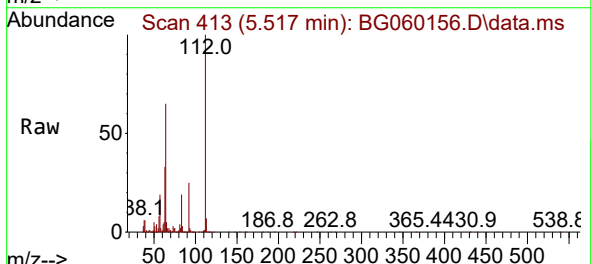
Instrument :
BNA_G
ClientSampleId :
TR-1

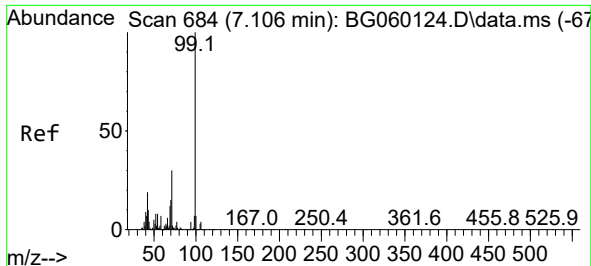
Tgt Ion:152 Resp: 301109
Ion Ratio Lower Upper
152 100
150 149.9 109.4 164.0
115 56.6 36.5 54.7#



#5
2-Fluorophenol
Concen: 109.187 ng
RT: 5.517 min Scan# 413
Delta R.T. 0.002 min
Lab File: BG060156.D
Acq: 23 Dec 2023 3:39

Tgt Ion:112 Resp: 2086509
Ion Ratio Lower Upper
112 100
64 64.5 53.3 79.9
63 33.1 27.1 40.7

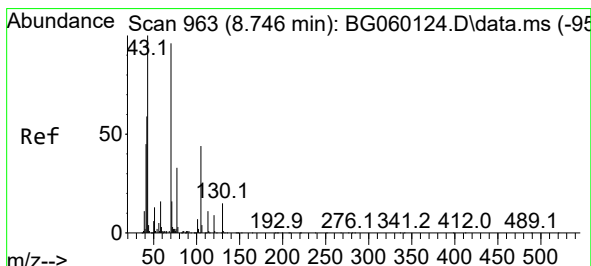
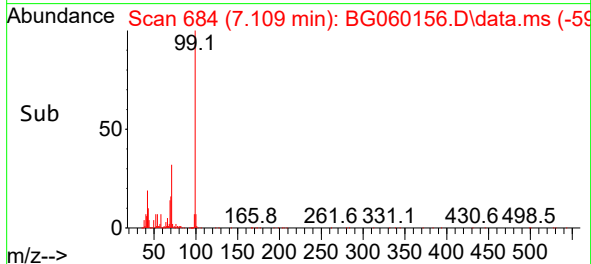
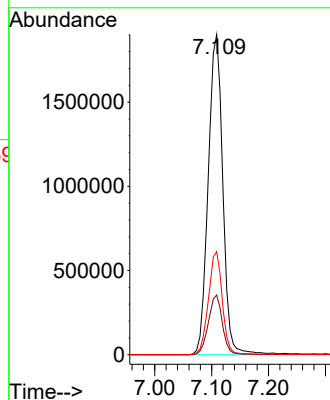
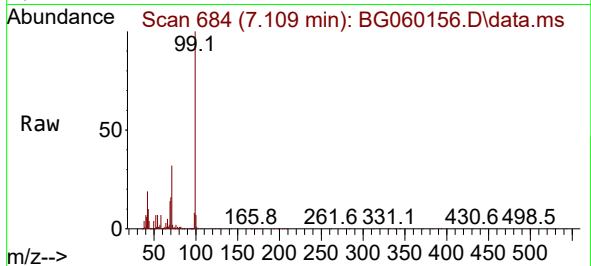




#7
Phenol-d6
Concen: 104.974 ng
RT: 7.109 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG060156.D
Acq: 23 Dec 2023 3:39

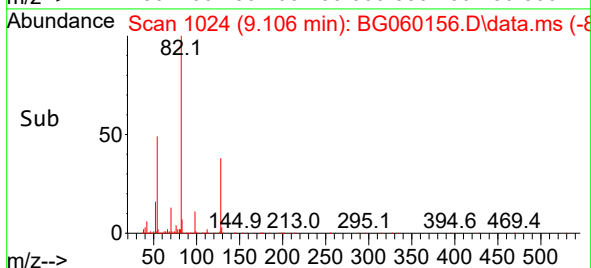
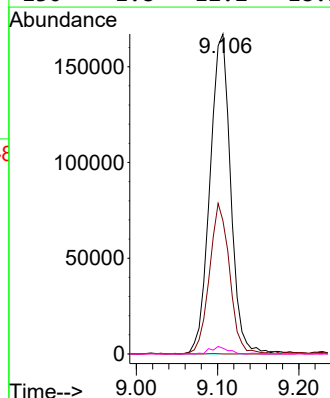
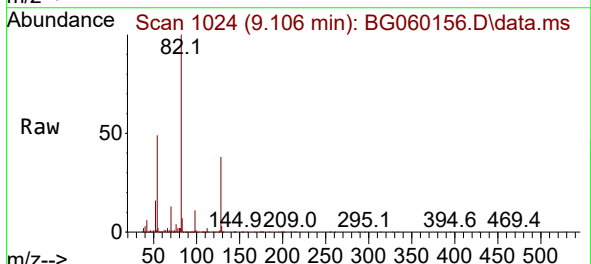
Instrument :
BNA_G
ClientSampleId :
TR-1

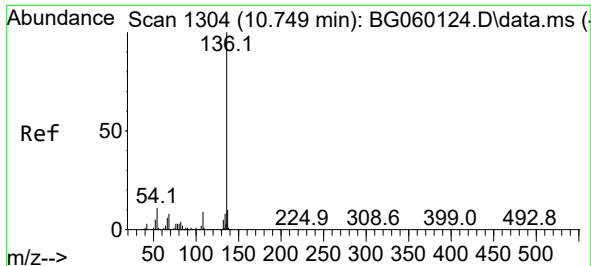
Tgt Ion: 99 Resp: 3376001
Ion Ratio Lower Upper
99 100
42 18.7 15.2 22.8
71 32.2 24.2 36.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.840 ng
RT: 9.106 min Scan# 1024
Delta R.T. 0.361 min
Lab File: BG060156.D
Acq: 23 Dec 2023 3:39

Tgt Ion: 70 Resp: 296091
Ion Ratio Lower Upper
70 100
42 41.7 49.6 74.4#
101 0.0 6.2 9.4#
130 1.8 12.2 18.2#

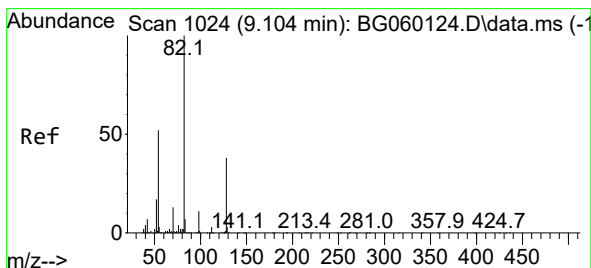
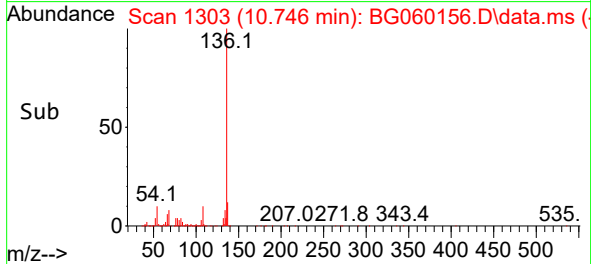
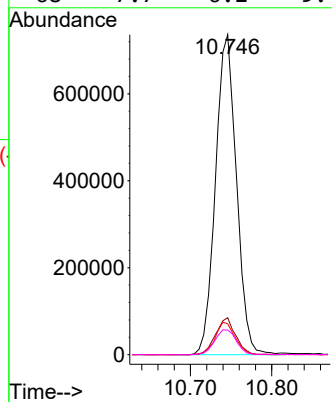
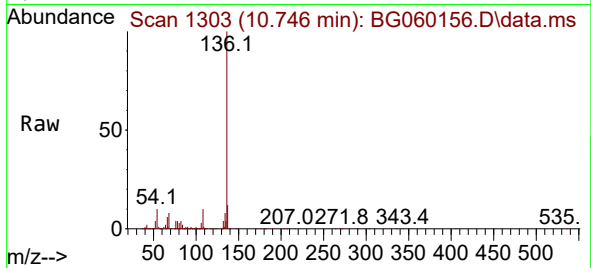




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060156.D
Acq: 23 Dec 2023 3:39

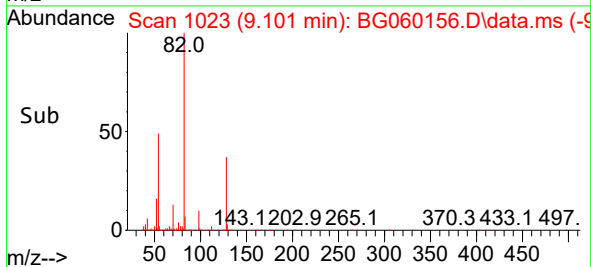
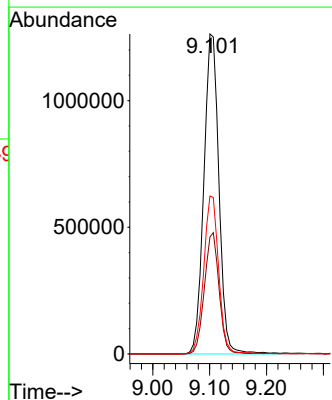
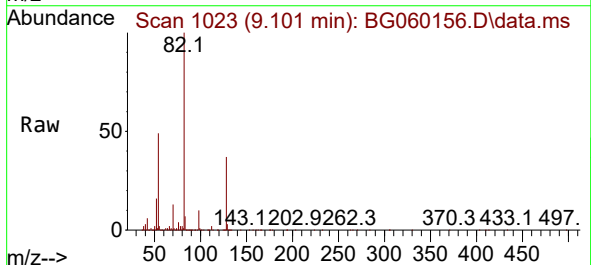
Instrument :
BNA_G
ClientSampleId :
TR-1

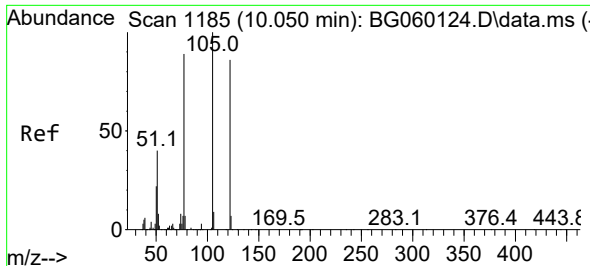
Tgt Ion:136 Resp: 1319243
Ion Ratio Lower Upper
136 100
137 11.5 8.1 12.1
54 9.7 8.7 13.1
68 7.7 6.2 9.4



#23
Nitrobenzene-d5
Concen: 86.390 ng
RT: 9.101 min Scan# 1023
Delta R.T. -0.003 min
Lab File: BG060156.D
Acq: 23 Dec 2023 3:39

Tgt Ion: 82 Resp: 2326502
Ion Ratio Lower Upper
82 100
128 36.5 30.5 45.7
54 49.4 41.9 62.9

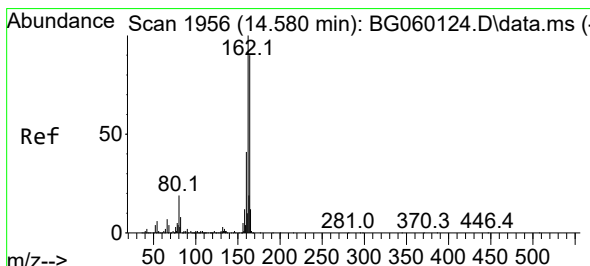
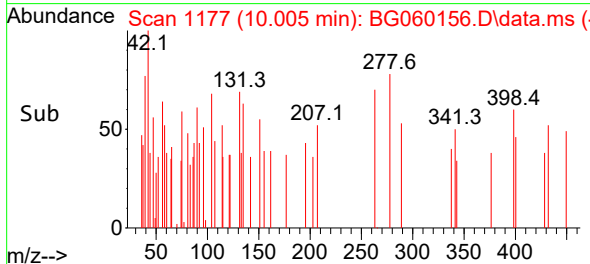
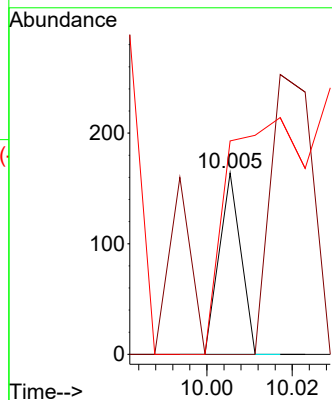
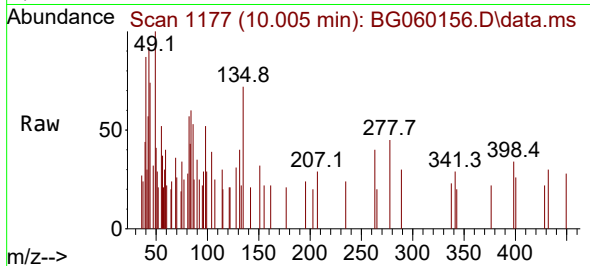




#32
Benzoic acid
Concen: 5.091 ng
RT: 10.005 min Scan# 1185
Delta R.T. -0.045 min
Lab File: BG060156.D
Acq: 23 Dec 2023 3:39

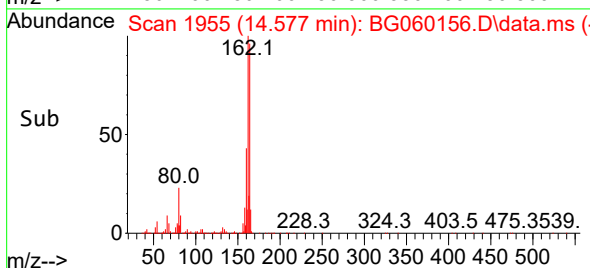
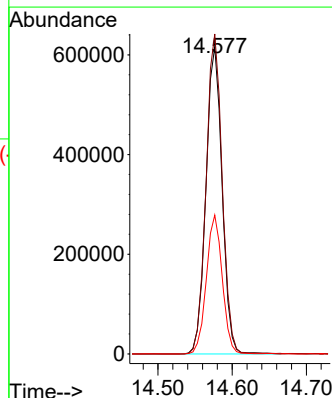
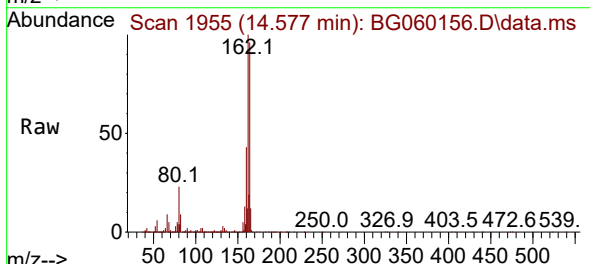
Instrument :
BNA_G
ClientSampleId :
TR-1

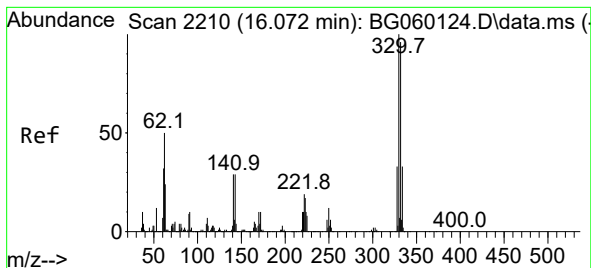
Tgt Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
105 0.0 93.2 133.2#
77 117.7 81.7 121.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1955
Delta R.T. -0.003 min
Lab File: BG060156.D
Acq: 23 Dec 2023 3:39

Tgt Ion:164 Resp: 931843
Ion Ratio Lower Upper
164 100
162 104.2 88.5 132.7
160 45.2 36.2 54.2

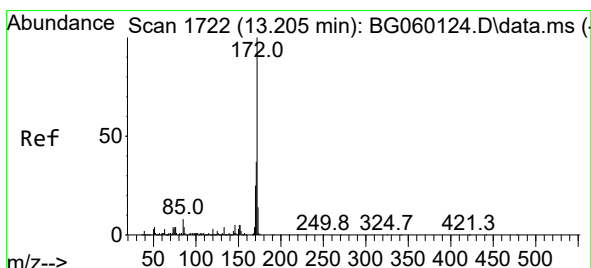
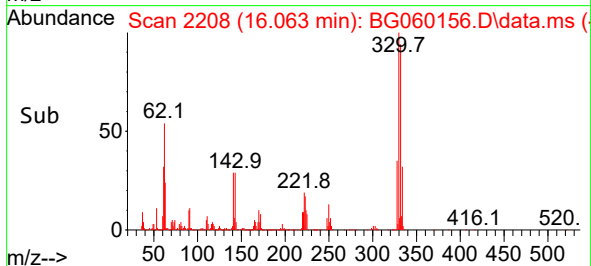
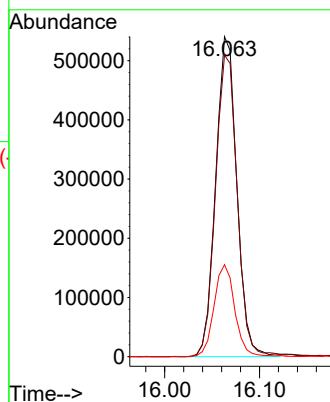
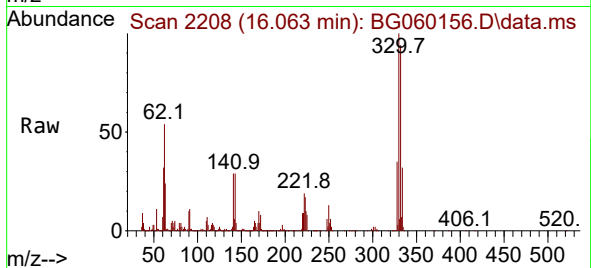




#42
2,4,6-Tribromophenol
Concen: 66.886 ng
RT: 16.063 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060156.D
Acq: 23 Dec 2023 3:39

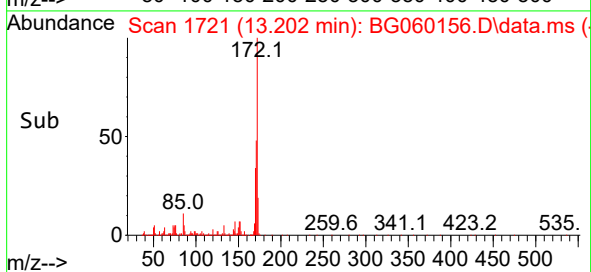
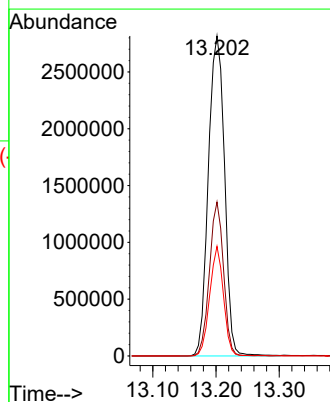
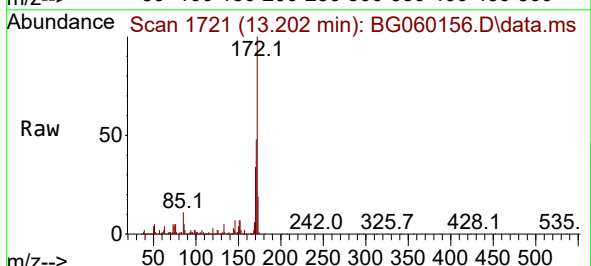
Instrument :
BNA_G
ClientSampleId :
TR-1

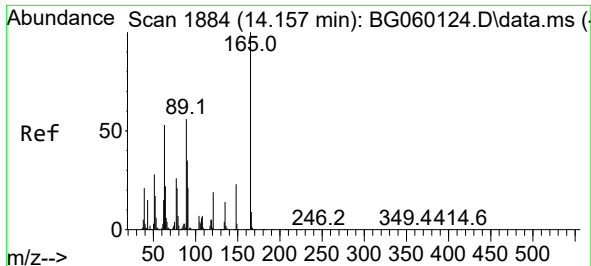
Tgt Ion	330	Resp	839190
Ion Ratio	Lower	Upper	
330	100		
332	96.7	75.5	113.3
141	28.3	24.7	37.1



#45
2-Fluorobiphenyl
Concen: 80.704 ng
RT: 13.202 min Scan# 1721
Delta R.T. -0.003 min
Lab File: BG060156.D
Acq: 23 Dec 2023 3:39

Tgt Ion	172	Resp	5008430
Ion Ratio	Lower	Upper	
172	100		
171	48.1	29.2	43.8#
170	34.3	20.1	30.1#

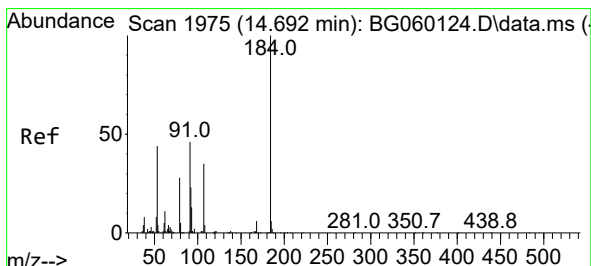
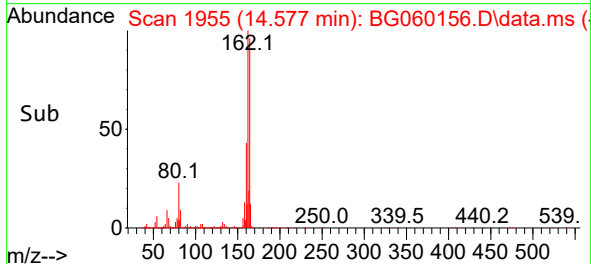
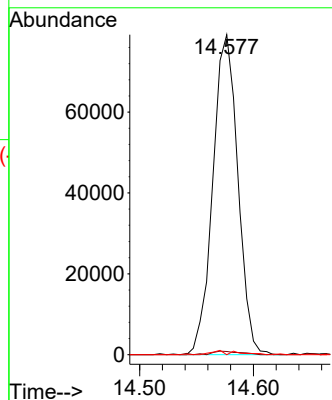
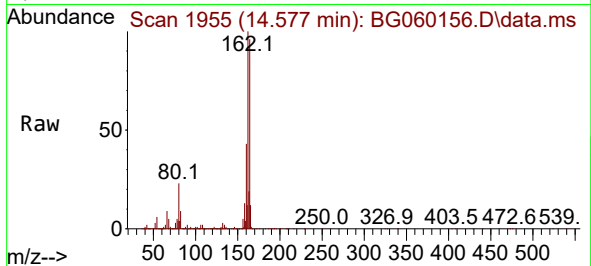




#51
2,6-Dinitrotoluene
Concen: 7.371 ng
RT: 14.577 min Scan# 1955
Delta R.T. 0.420 min
Lab File: BG060156.D
Acq: 23 Dec 2023 3:39

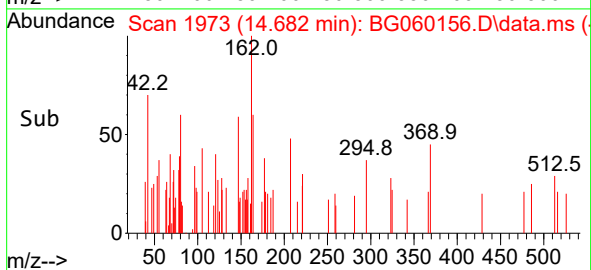
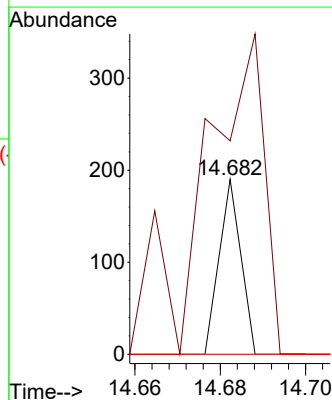
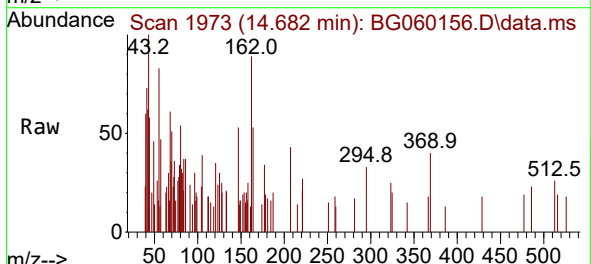
Instrument :
BNA_G
ClientSampleId :
TR-1

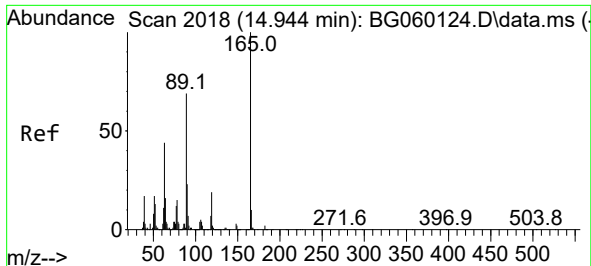
Tgt Ion:165 Resp: 120852
Ion Ratio Lower Upper
165 100
63 1.0 45.4 68.2#
89 0.0 44.6 66.8#



#54
2,4-Dinitrophenol
Concen: 6.624 ng
RT: 14.682 min Scan# 1973
Delta R.T. -0.010 min
Lab File: BG060156.D
Acq: 23 Dec 2023 3:39

Tgt Ion:184 Resp: 67
Ion Ratio Lower Upper
184 100
63 122.1 48.1 72.1#
154 0.0 44.3 66.5#





#57

2,4-Dinitrotoluene

Concen: 5.022 ng

RT: 14.577 min Scan# 1955

Delta R.T. -0.368 min

Lab File: BG060156.D

Acq: 23 Dec 2023 3:39

Instrument :

BNA_G

ClientSampleId :

TR-1

Tgt Ion:165 Resp: 120852

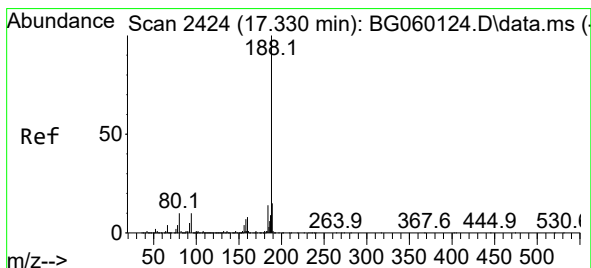
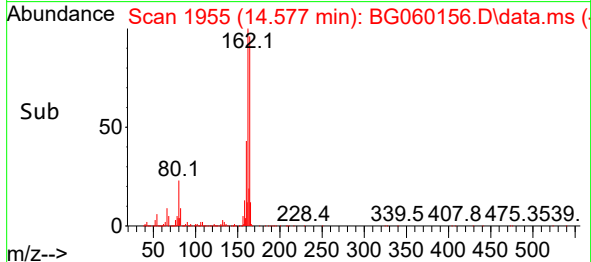
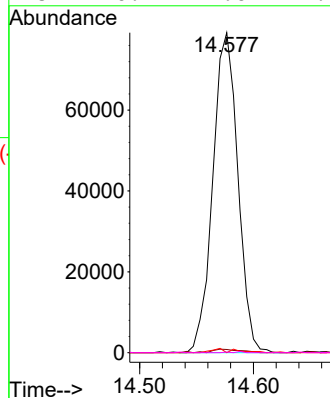
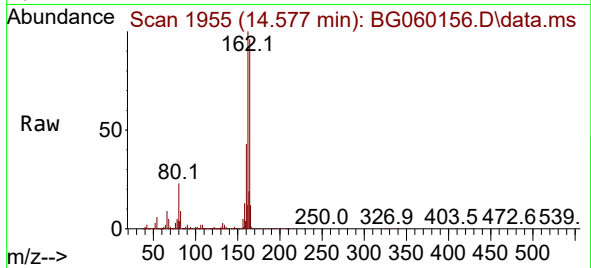
Ion Ratio Lower Upper

165 100

63 1.0 35.4 53.0#

89 0.0 55.6 83.4#

182 0.2 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.320 min Scan# 2422

Delta R.T. -0.009 min

Lab File: BG060156.D

Acq: 23 Dec 2023 3:39

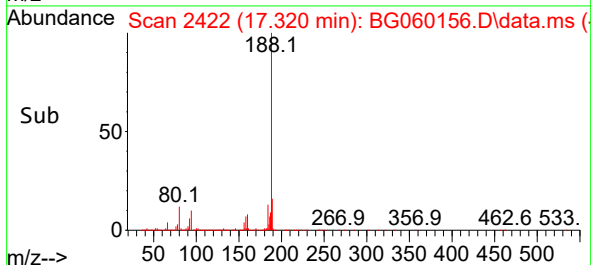
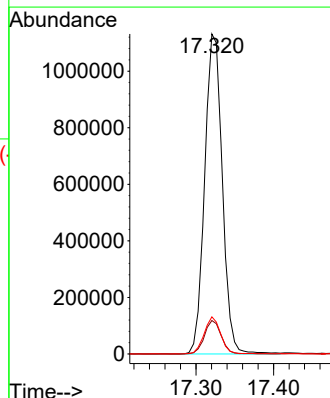
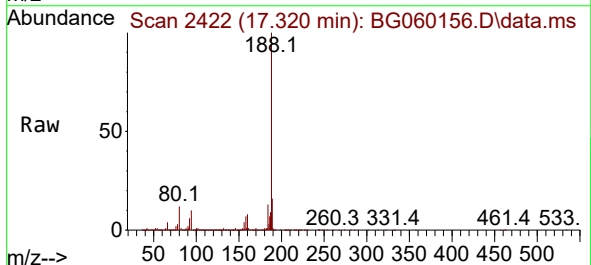
Tgt Ion:188 Resp: 1785169

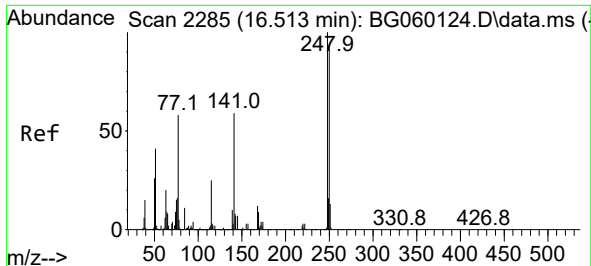
Ion Ratio Lower Upper

188 100

94 10.4 7.6 11.4

80 11.6 7.9 11.9

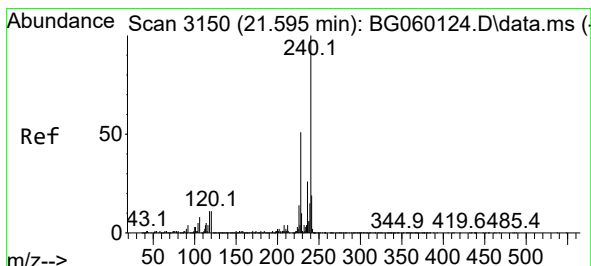
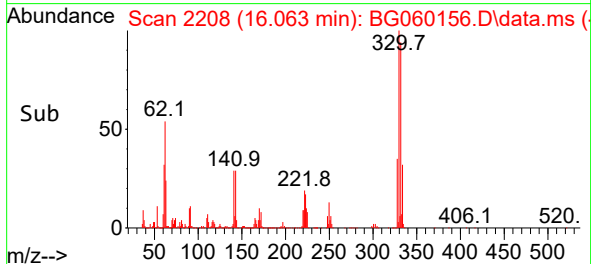
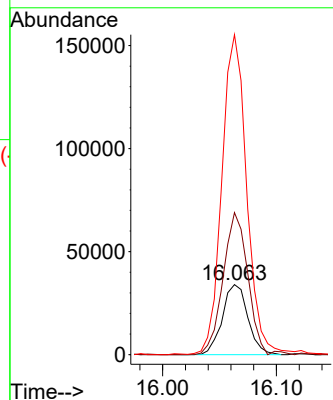
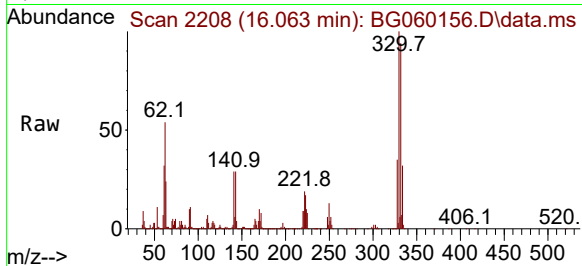




#67
4-Bromophenyl-phenylether
Concen: 3.154 ng
RT: 16.063 min Scan# 21
Delta R.T. -0.450 min
Lab File: BG060156.D
Acq: 23 Dec 2023 3:39

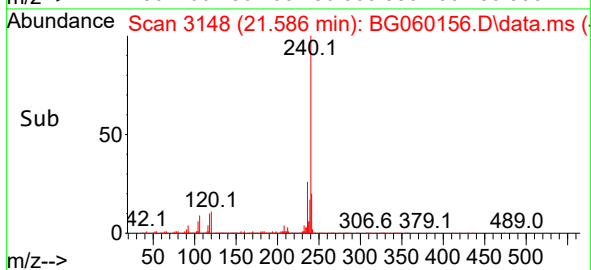
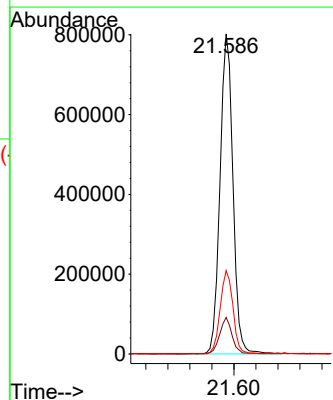
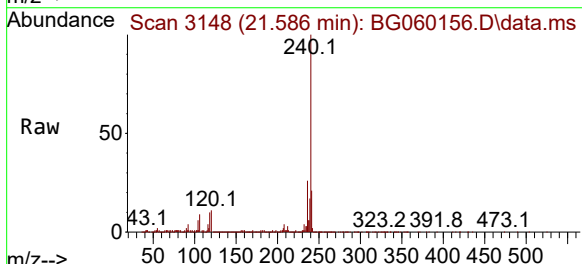
Instrument :
BNA_G
ClientSampleId :
TR-1

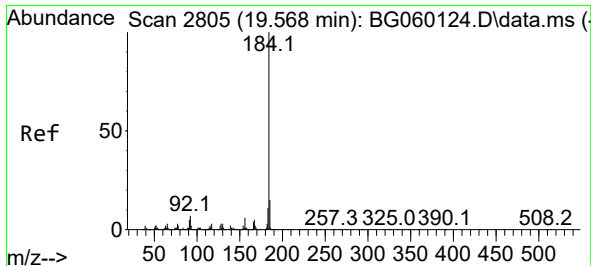
Tgt Ion:248 Resp: 53046
Ion Ratio Lower Upper
248 100
250 202.6 74.5 111.7#
141 456.4 47.4 71.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3148
Delta R.T. -0.009 min
Lab File: BG060156.D
Acq: 23 Dec 2023 3:39

Tgt Ion:240 Resp: 1308685
Ion Ratio Lower Upper
240 100
120 11.4 9.0 13.6
236 26.1 20.4 30.6

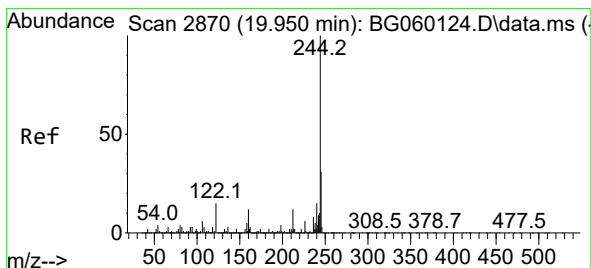
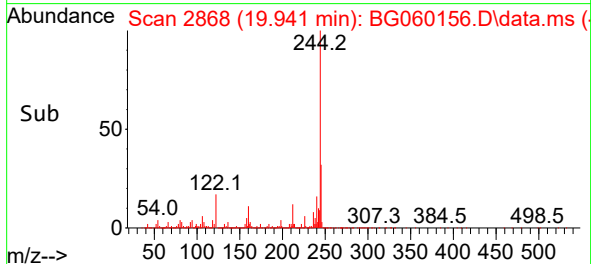
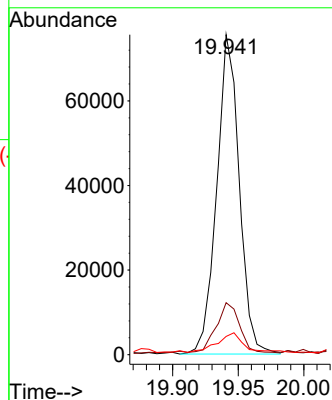
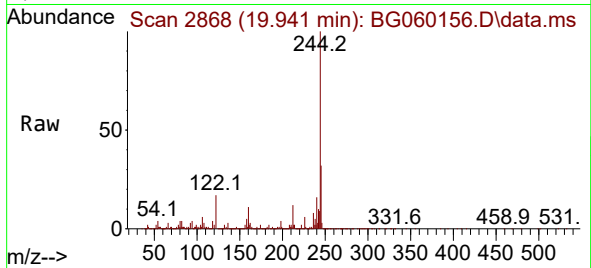




#77
Benzidine
Concen: 2.544 ng
RT: 19.941 min Scan# 2868
Delta R.T. 0.373 min
Lab File: BG060156.D
Acq: 23 Dec 2023 3:39

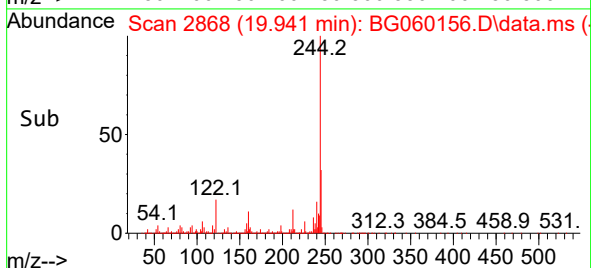
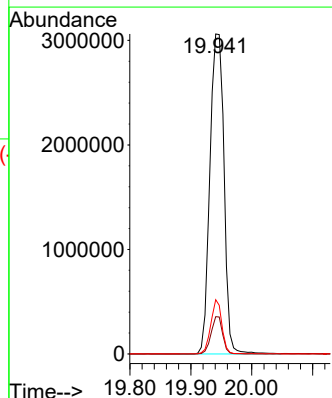
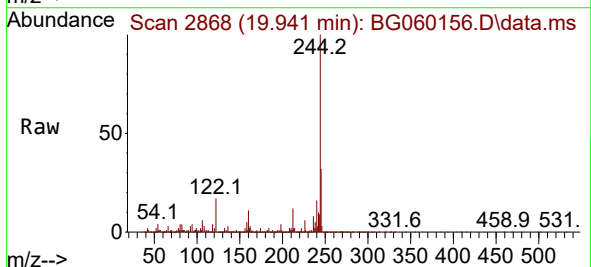
Instrument :
BNA_G
ClientSampleId :
TR-1

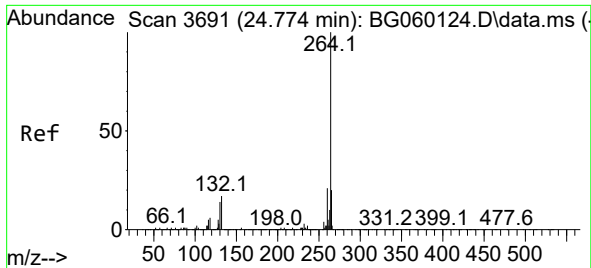
Tgt Ion:184 Resp: 90008
Ion Ratio Lower Upper
184 100
185 16.2 11.7 17.5
183 5.7 9.0 13.6#



#79
Terphenyl-d14
Concen: 67.999 ng
RT: 19.941 min Scan# 2868
Delta R.T. -0.009 min
Lab File: BG060156.D
Acq: 23 Dec 2023 3:39

Tgt Ion:244 Resp: 4917791
Ion Ratio Lower Upper
244 100
212 11.7 9.5 14.3
122 16.9 12.2 18.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.759 min Scan# 30
Delta R.T. -0.015 min
Lab File: BG060156.D
Acq: 23 Dec 2023 3:39

Instrument :
BNA_G
ClientSampleId :
TR-1

Tgt Ion:264 Resp: 1504528
Ion Ratio Lower Upper
264 100
260 22.7 17.1 25.7
265 22.0 16.0 24.0

