

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
 Data File : BG060278.D
 Acq On : 5 Jan 2024 19:59
 Operator : MA/JU
 Sample : P1040-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 06 00:45:35 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)

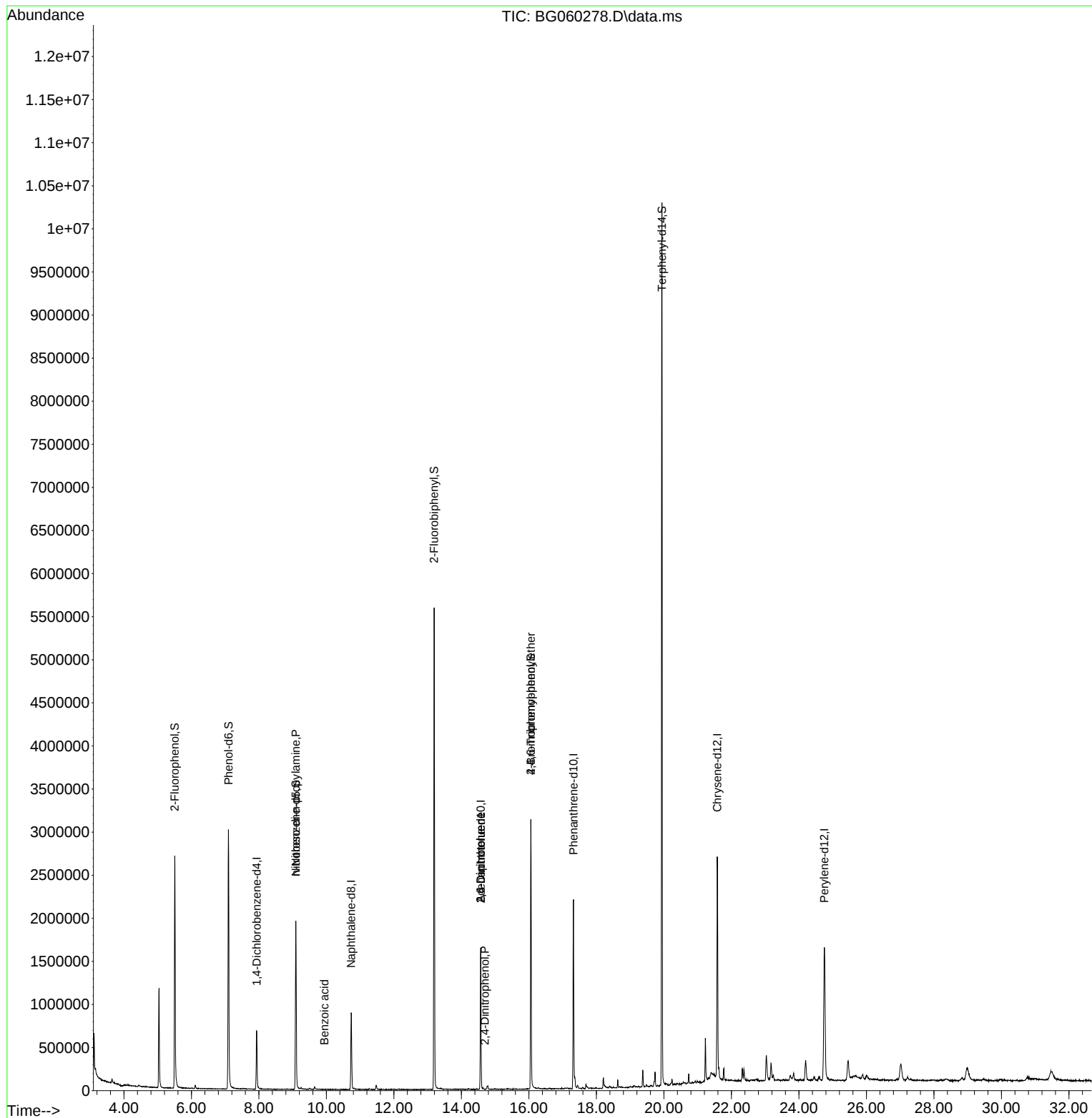
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	222407	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	808258	20.000	ng	0.00
39) Acenaphthene-d10	14.570	164	579295	20.000	ng	0.00
64) Phenanthrene-d10	17.320	188	1508382	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1512834	20.000	ng	-0.01
86) Perylene-d12	24.753	264	1739463	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	1360128	92.304	ng	0.00
7) Phenol-d6	7.097	99	2081806	95.152	ng	0.00
23) Nitrobenzene-d5	9.094	82	1339808	76.567	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	656381	84.646	ng	-0.01
45) 2-Fluorobiphenyl	13.190	172	3093919	76.760	ng	0.00
79) Terphenyl-d14	19.941	244	4802483	61.029	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.094	70	162700	10.886	ng	# 85
32) Benzoic acid	9.941	122	62	10.276	ng	# 1
51) 2,6-Dinitrotoluene	14.570	165	77582	8.340	ng	# 29
54) 2,4-Dinitrophenol	14.694	184	93	8.252	ng	# 65
57) 2,4-Dinitrotoluene	14.570	165	77582	6.133	ng	# 26
67) 4-Bromophenyl-phenylether	16.057	248	38525	2.409	ng	# 1

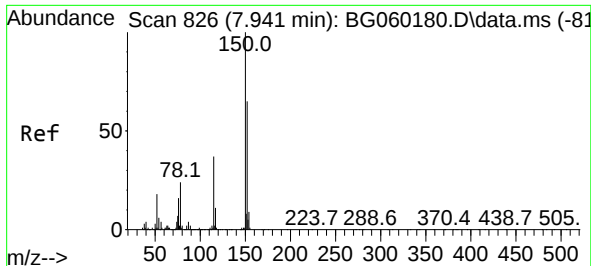
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
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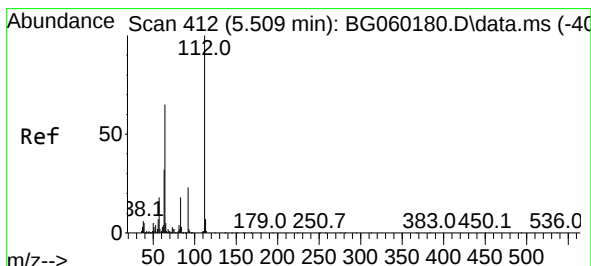
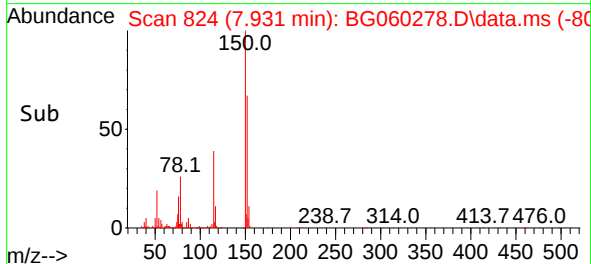
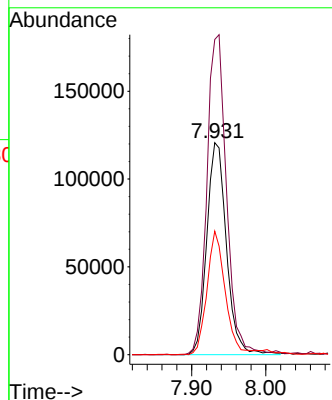
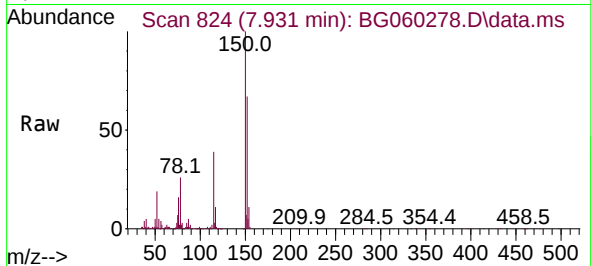




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG060278.D
Acq: 5 Jan 2024 19:59

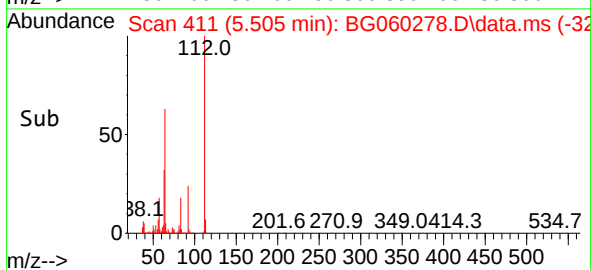
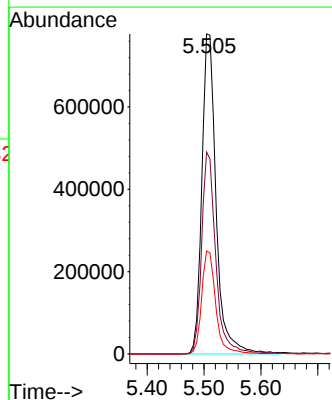
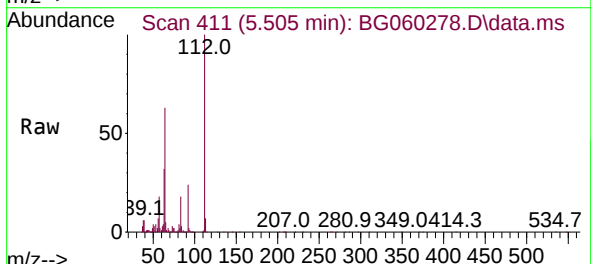
Instrument :
BNA_G
ClientSampleId :

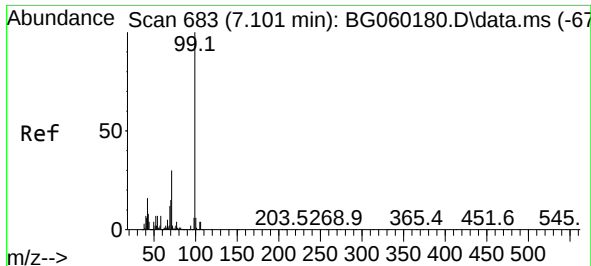
Tgt Ion:152 Resp: 222407
Ion Ratio Lower Upper
152 100
150 148.8 123.4 185.0
115 58.3 45.4 68.0



#5
2-Fluorophenol
Concen: 92.304 ng
RT: 5.505 min Scan# 411
Delta R.T. -0.004 min
Lab File: BG060278.D
Acq: 5 Jan 2024 19:59

Tgt Ion:112 Resp: 1360128
Ion Ratio Lower Upper
112 100
64 63.1 52.2 78.4
63 32.2 25.4 38.0

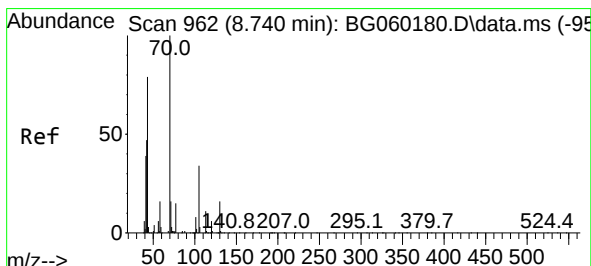
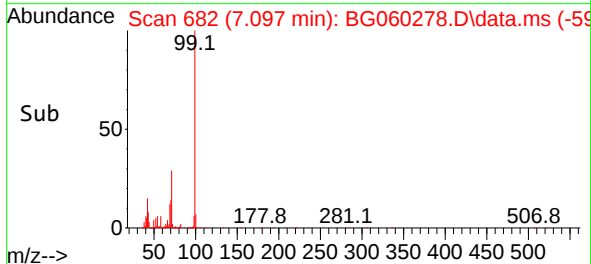
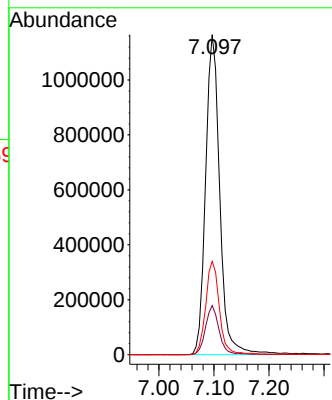
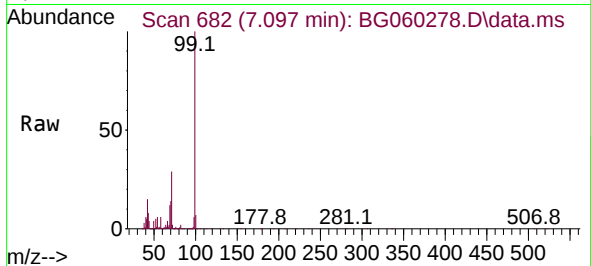




#7
Phenol-d6
Concen: 95.152 ng
RT: 7.097 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060278.D
Acq: 5 Jan 2024 19:59

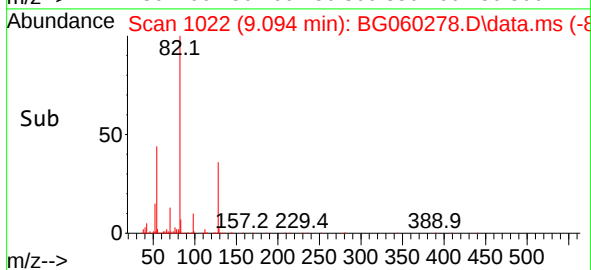
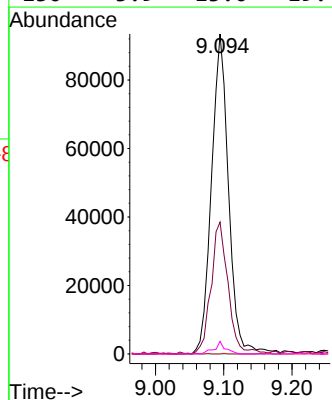
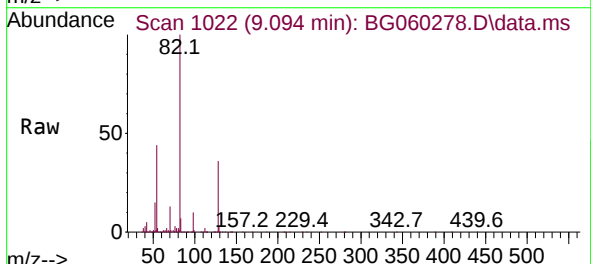
Instrument :
BNA_G
ClientSampleId :

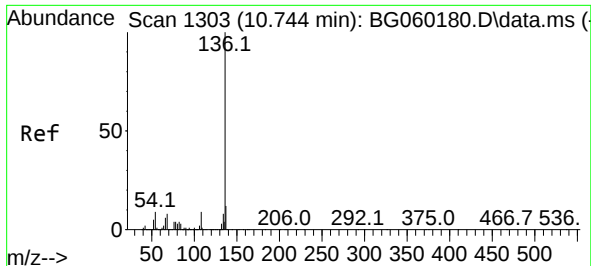
Tgt Ion: 99 Resp: 2081806
Ion Ratio Lower Upper
99 100
42 15.3 12.5 18.7
71 29.2 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 10.886 ng
RT: 9.094 min Scan# 1022
Delta R.T. 0.354 min
Lab File: BG060278.D
Acq: 5 Jan 2024 19:59

Tgt Ion: 70 Resp: 162700
Ion Ratio Lower Upper
70 100
42 41.2 37.9 56.9
101 0.0 6.2 9.2#
130 3.9 13.0 19.4#

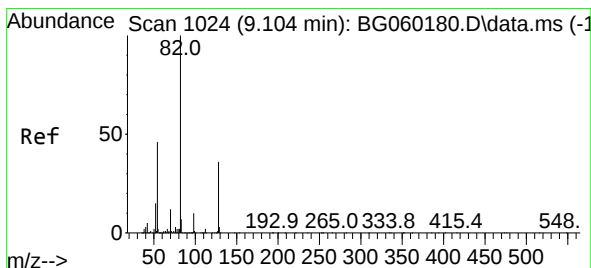
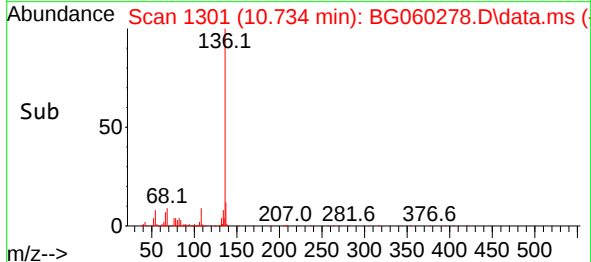
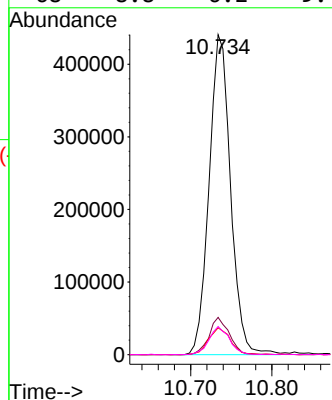
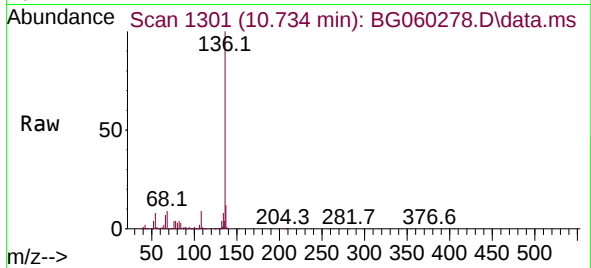




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG060278.D
Acq: 5 Jan 2024 19:59

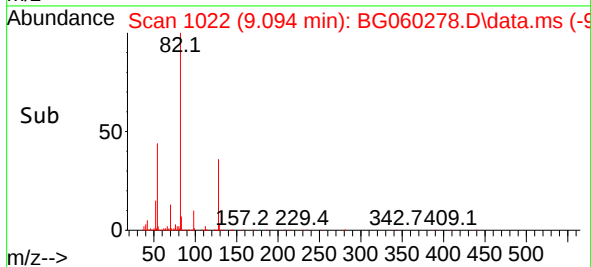
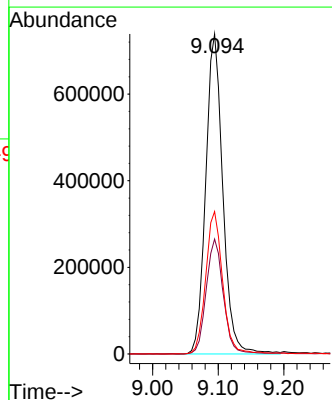
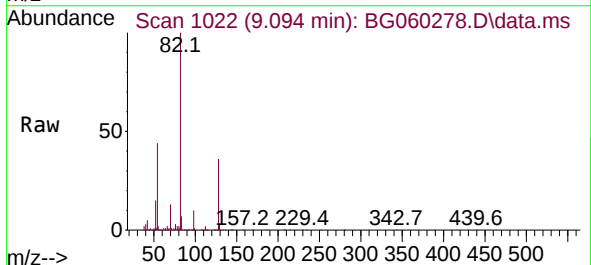
Instrument :
BNA_G
ClientSampleId :

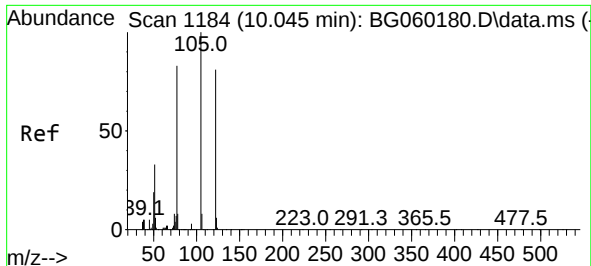
Tgt Ion:136 Resp: 808258
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.0
54 8.4 7.4 11.2
68 8.8 6.2 9.4



#23
Nitrobenzene-d5
Concen: 76.567 ng
RT: 9.094 min Scan# 1022
Delta R.T. -0.010 min
Lab File: BG060278.D
Acq: 5 Jan 2024 19:59

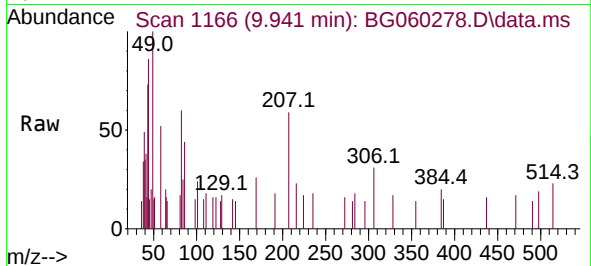
Tgt Ion: 82 Resp: 1339808
Ion Ratio Lower Upper
82 100
128 35.9 28.7 43.1
54 44.5 36.9 55.3



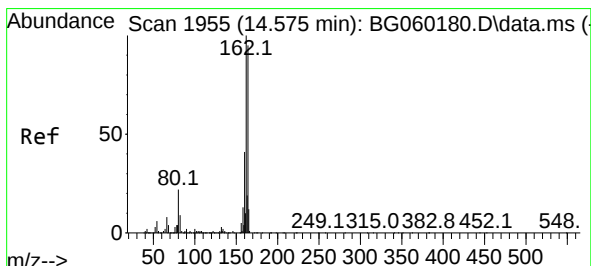
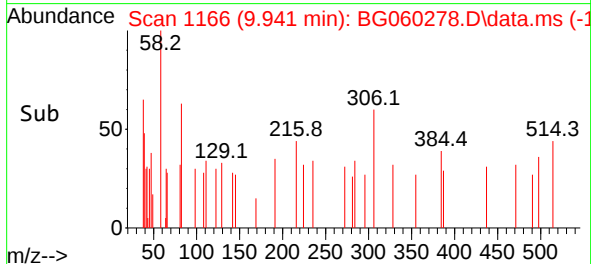
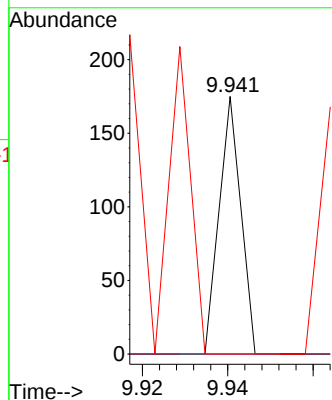


#32
Benzoic acid
Concen: 10.276 ng
RT: 9.941 min Scan# 1184
Delta R.T. -0.104 min
Lab File: BG060278.D
Acq: 5 Jan 2024 19:59

Instrument :
BNA_G
ClientSampleId :

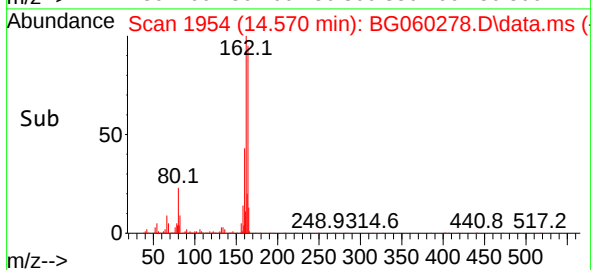
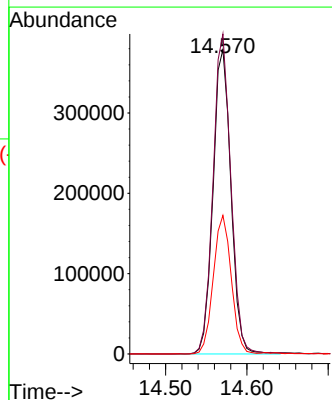
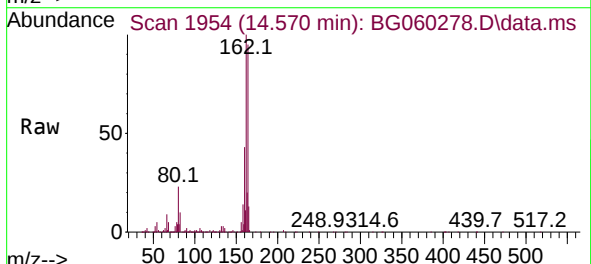


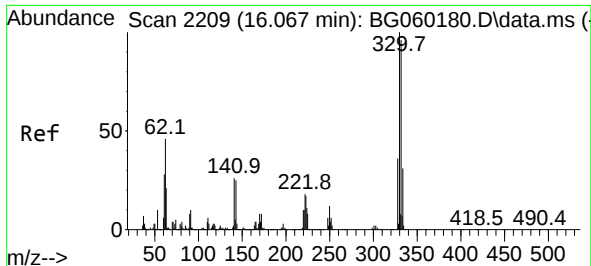
Tgt Ion:122 Resp: 62
Ion Ratio Lower Upper
122 100
105 0.0 99.2 139.2#
77 0.0 81.0 121.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.570 min Scan# 1954
Delta R.T. -0.004 min
Lab File: BG060278.D
Acq: 5 Jan 2024 19:59

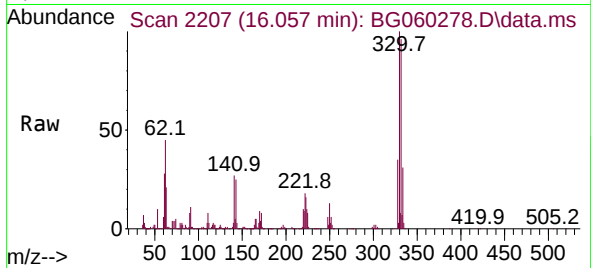
Tgt Ion:164 Resp: 579295
Ion Ratio Lower Upper
164 100
162 105.1 83.9 125.9
160 45.5 34.2 51.4



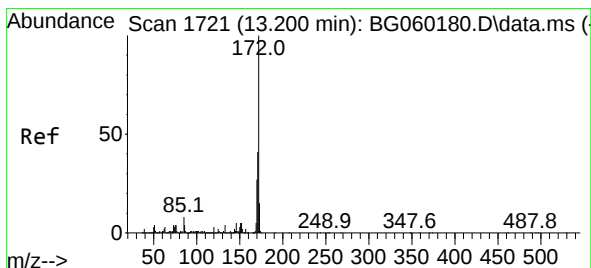
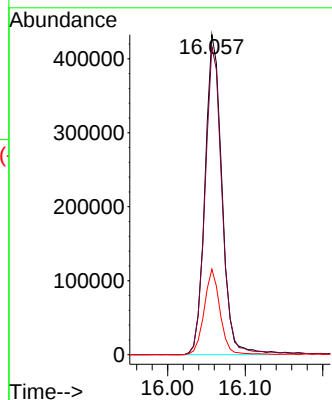
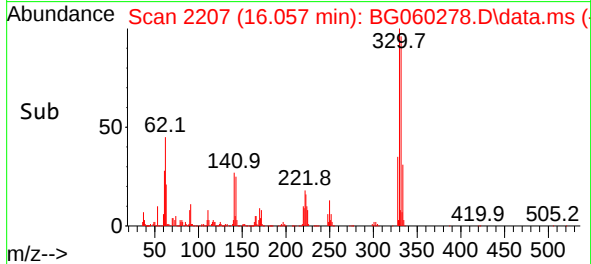


#42
2,4,6-Tribromophenol
Concen: 84.646 ng
RT: 16.057 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG060278.D
Acq: 5 Jan 2024 19:59

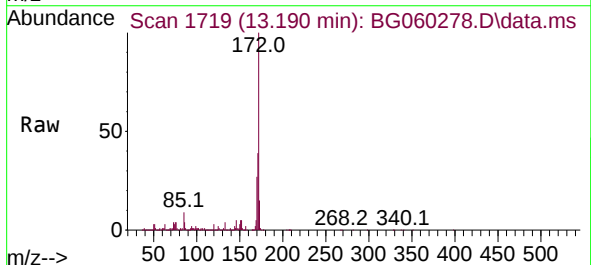
Instrument :
BNA_G
ClientSampleId :



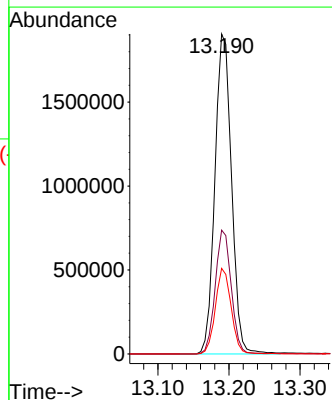
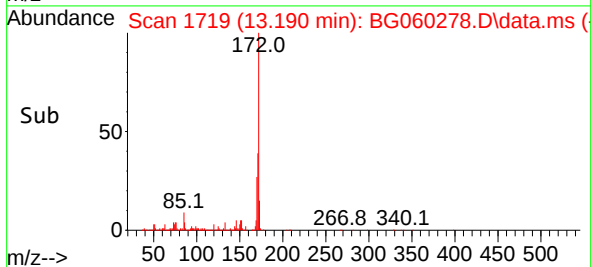
Tgt Ion:330 Resp: 656381
Ion Ratio Lower Upper
330 100
332 97.1 76.7 115.1
141 25.0 21.0 31.4

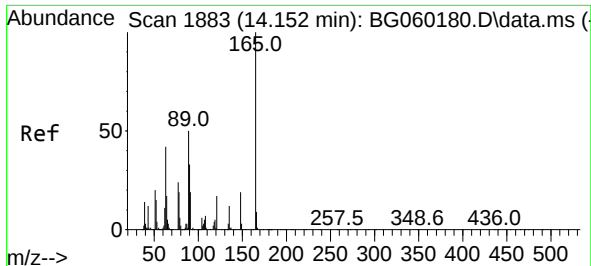


#45
2-Fluorobiphenyl
Concen: 76.760 ng
RT: 13.190 min Scan# 1719
Delta R.T. -0.010 min
Lab File: BG060278.D
Acq: 5 Jan 2024 19:59



Tgt Ion:172 Resp: 3093919
Ion Ratio Lower Upper
172 100
171 38.7 32.6 48.8
170 26.8 21.8 32.6





#51

2,6-Dinitrotoluene

Concen: 8.340 ng

RT: 14.570 min Scan# 1954

Delta R.T. 0.419 min

Lab File: BG060278.D

Acq: 5 Jan 2024 19:59

Instrument :

BNA_G

ClientSampleId :

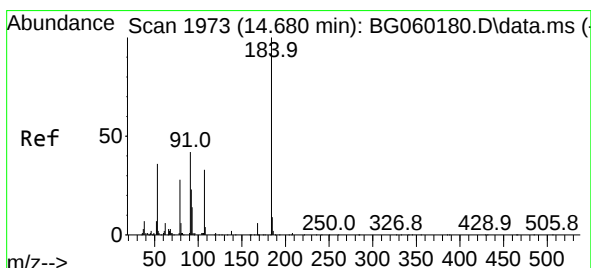
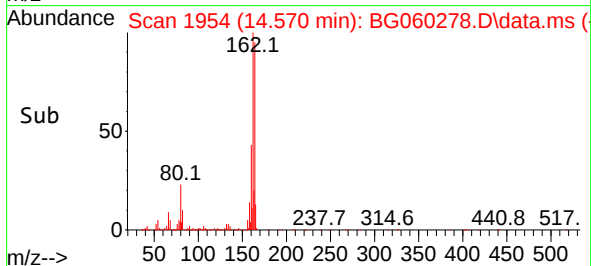
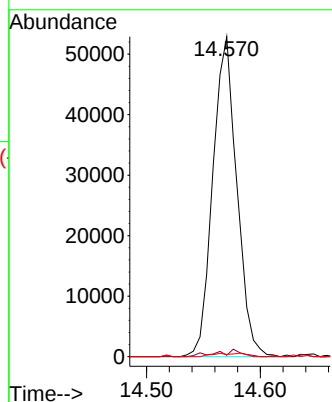
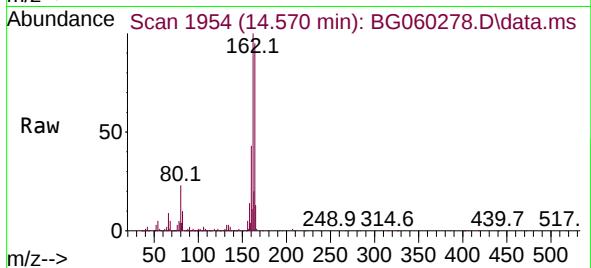
Tgt Ion:165 Resp: 77582

Ion Ratio Lower Upper

165 100

63 0.5 39.3 58.9#

89 0.7 39.8 59.8#



#54

2,4-Dinitrophenol

Concen: 8.252 ng

RT: 14.694 min Scan# 1975

Delta R.T. 0.014 min

Lab File: BG060278.D

Acq: 5 Jan 2024 19:59

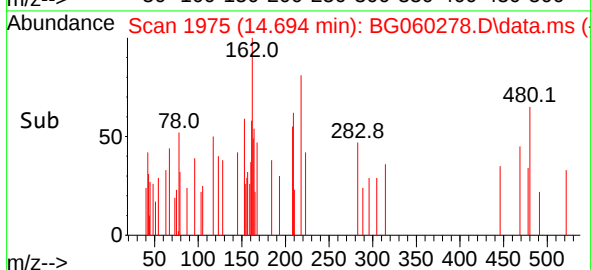
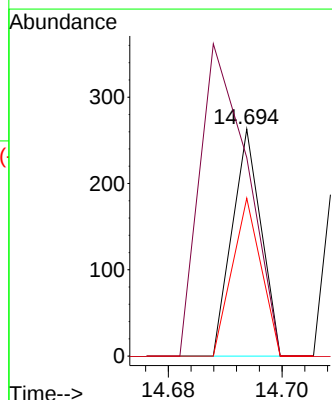
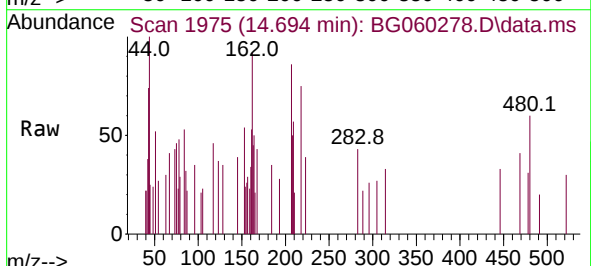
Tgt Ion:184 Resp: 93

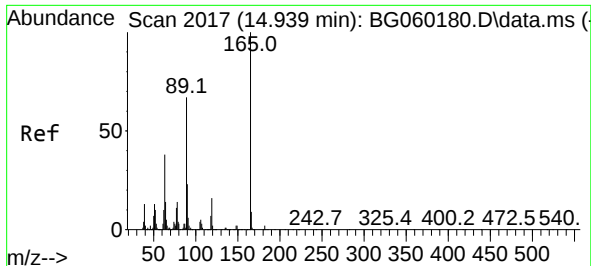
Ion Ratio Lower Upper

184 100

63 87.5 45.4 68.2#

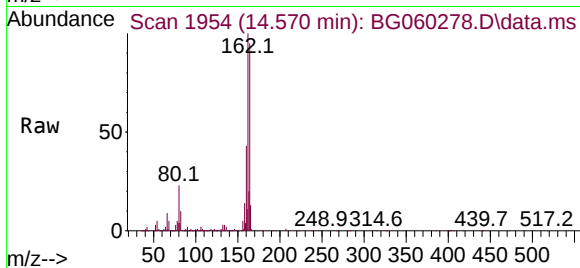
154 69.6 40.0 60.0#



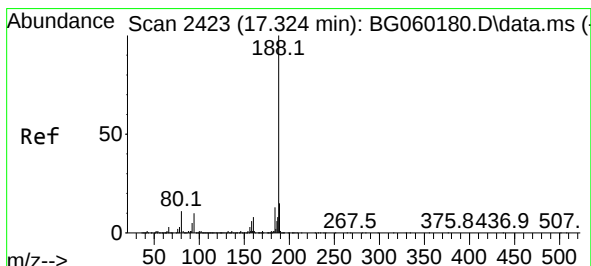
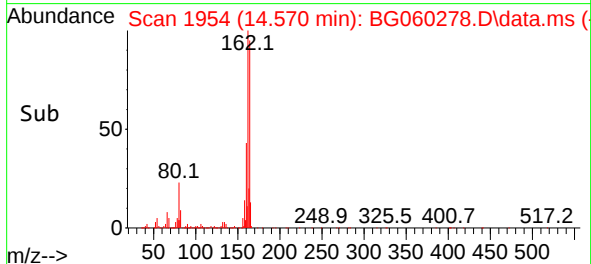
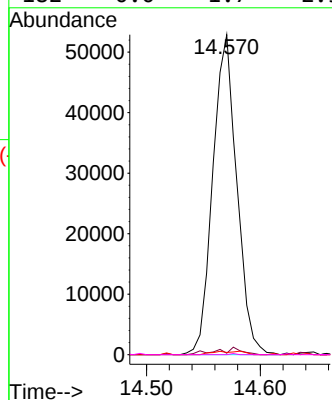


#57
2,4-Dinitrotoluene
Concen: 6.133 ng
RT: 14.570 min Scan# 1954
Delta R.T. -0.368 min
Lab File: BG060278.D
Acq: 5 Jan 2024 19:59

Instrument :
BNA_G
ClientSampleId :

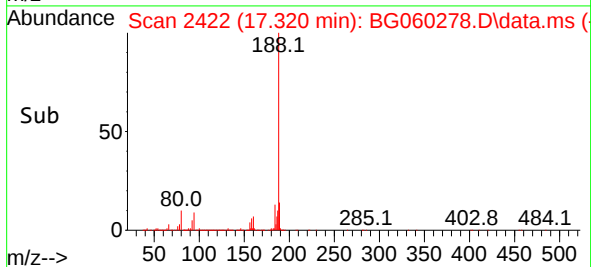
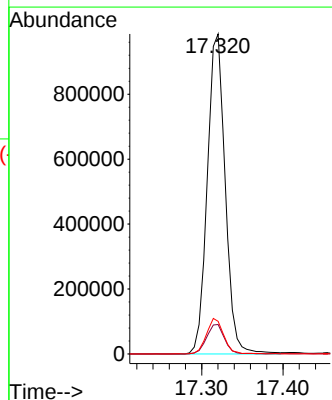
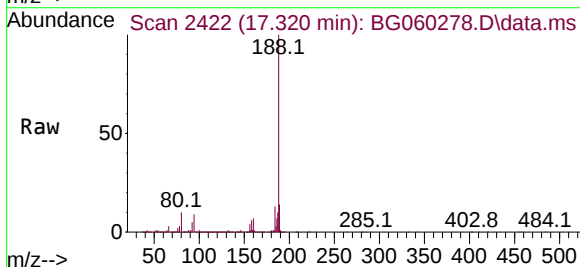


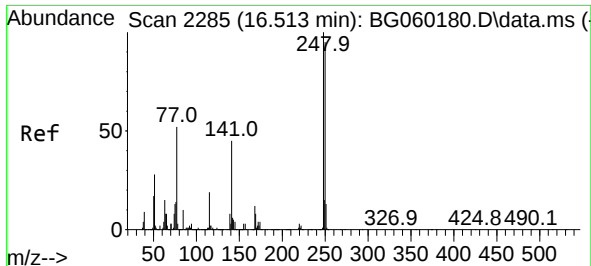
Tgt Ion:165 Resp: 77582
Ion Ratio Lower Upper
165 100
63 0.5 31.0 46.6#
89 0.7 53.3 79.9#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.320 min Scan# 2422
Delta R.T. -0.004 min
Lab File: BG060278.D
Acq: 5 Jan 2024 19:59

Tgt Ion:188 Resp: 1508382
Ion Ratio Lower Upper
188 100
94 9.2 7.8 11.6
80 10.2 8.6 13.0

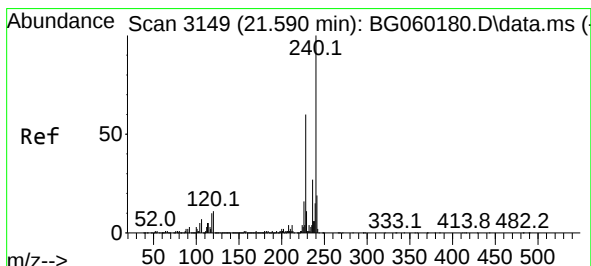
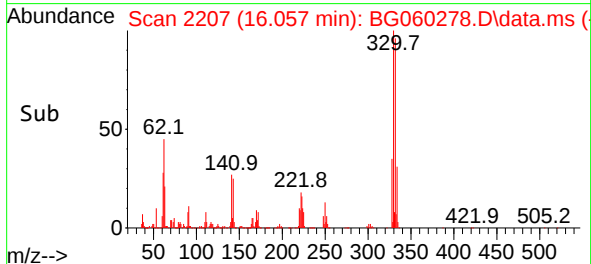
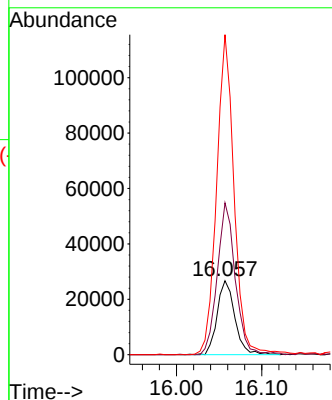
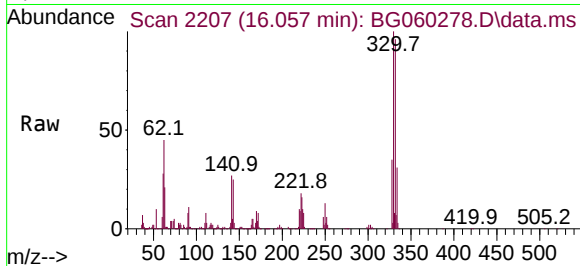




#67
4-Bromophenyl-phenylether
Concen: 2.409 ng
RT: 16.057 min Scan# 21
Delta R.T. -0.457 min
Lab File: BG060278.D
Acq: 5 Jan 2024 19:59

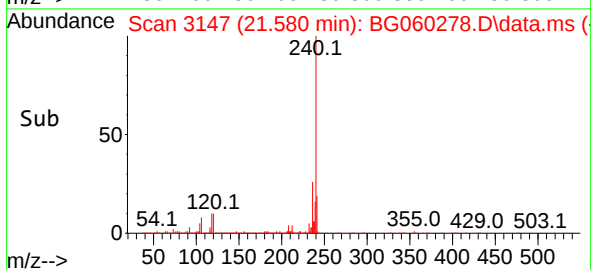
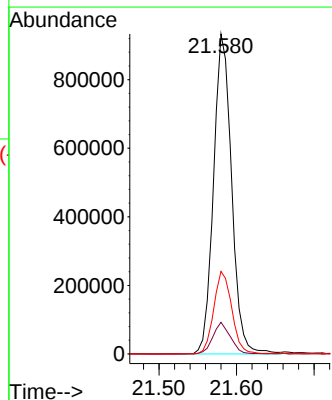
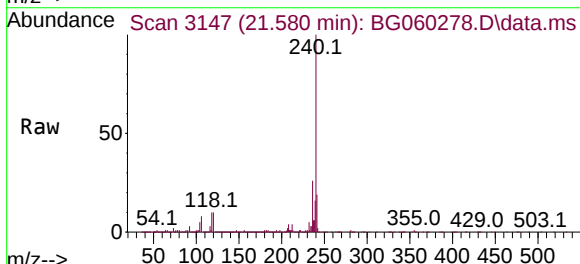
Instrument :
BNA_G
ClientSampleId :

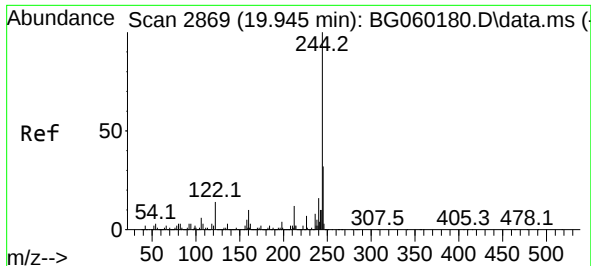
Tgt Ion:248 Resp: 38525
Ion Ratio Lower Upper
248 100
250 205.5 76.2 114.4#
141 433.1 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3147
Delta R.T. -0.010 min
Lab File: BG060278.D
Acq: 5 Jan 2024 19:59

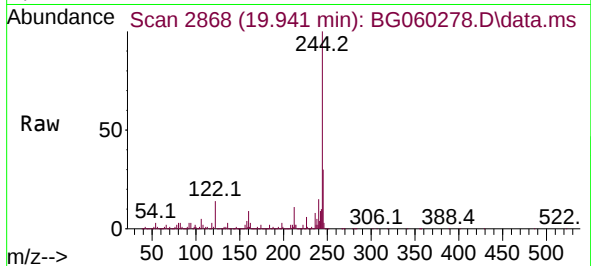
Tgt Ion:240 Resp: 1512834
Ion Ratio Lower Upper
240 100
120 9.9 8.5 12.7
236 25.8 21.4 32.2



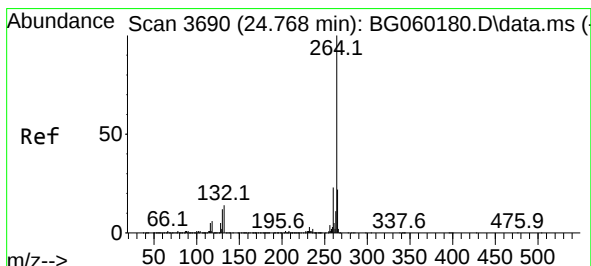
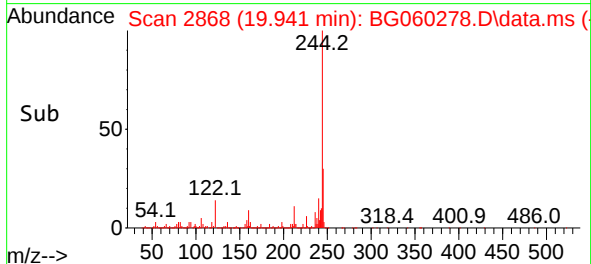
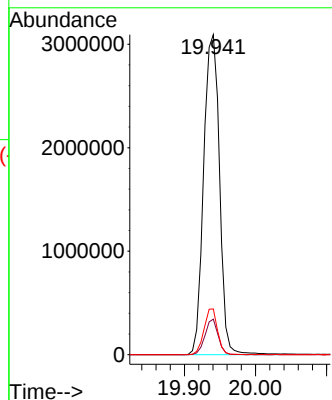


#79
 Terphenyl-d14
 Concen: 61.029 ng
 RT: 19.941 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG060278.D
 Acq: 5 Jan 2024 19:59

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:244 Resp: 4802483
 Ion Ratio Lower Upper
 244 100
 212 11.1 9.5 14.3
 122 14.3 11.4 17.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.753 min Scan# 3687
 Delta R.T. -0.016 min
 Lab File: BG060278.D
 Acq: 5 Jan 2024 19:59

Tgt Ion:264 Resp: 1739463
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.0 27.0
 265 22.5 17.4 26.0

