

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
 Data File : BG060275.D
 Acq On : 5 Jan 2024 17:58
 Operator : MA/JU
 Sample : 05967-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 06 00:44:29 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)

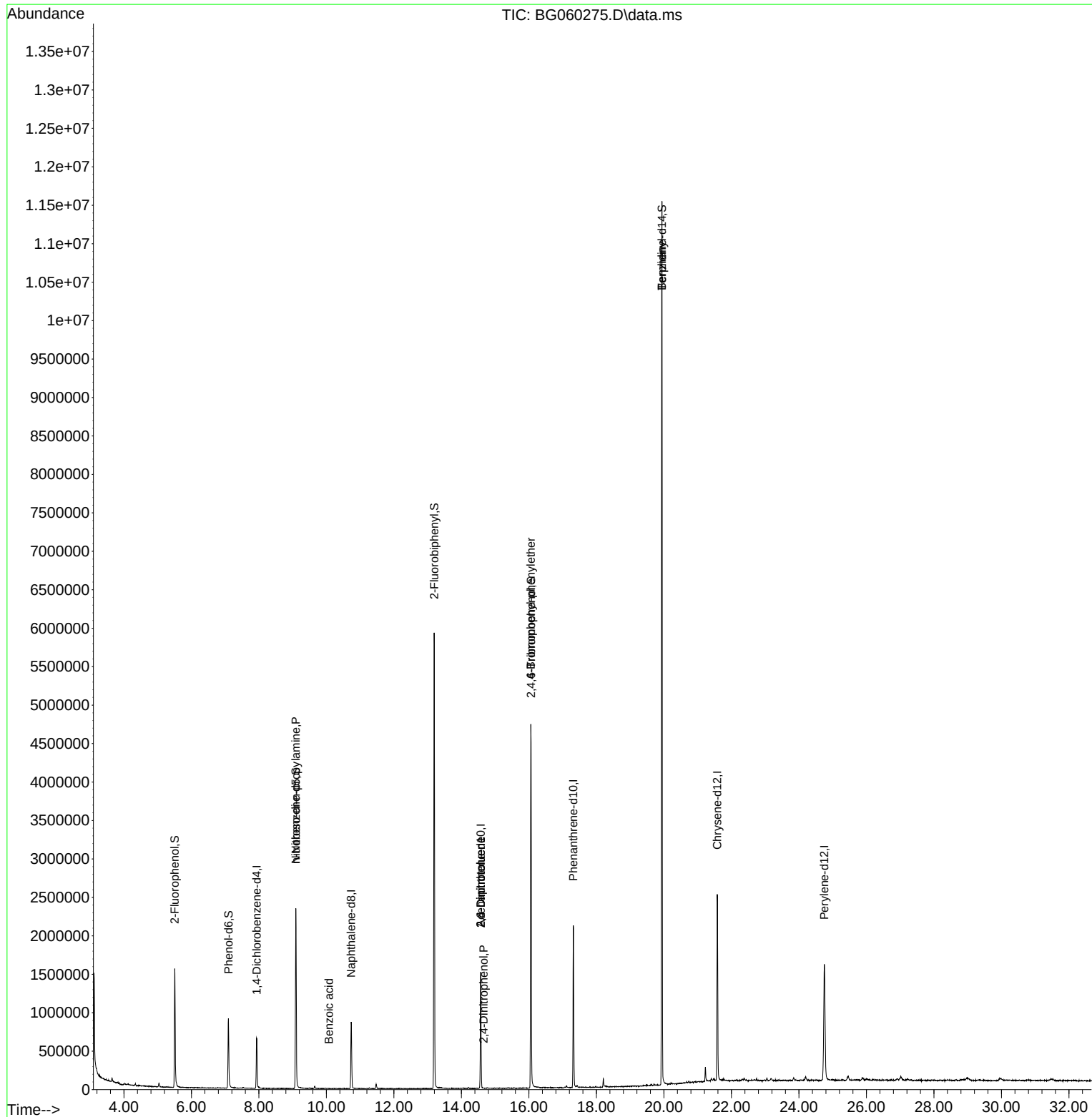
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	220323	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	797113	20.000	ng	0.00
39) Acenaphthene-d10	14.570	164	542641	20.000	ng	0.00
64) Phenanthrene-d10	17.314	188	1460484	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1500628	20.000	ng	0.00
86) Perylene-d12	24.753	264	1685511	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	801391	54.900	ng	0.00
7) Phenol-d6	7.097	99	658489	30.382	ng	0.00
23) Nitrobenzene-d5	9.095	82	1609323	93.255	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	1039231	143.070	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	3338444	88.421	ng	0.00
79) Terphenyl-d14	19.941	244	5269714	67.512	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.095	70	195666	13.215	ng	# 85
32) Benzoic acid	10.070	122	73	10.278	ng	# 1
51) 2,6-Dinitrotoluene	14.570	165	74710	8.573	ng	# 30
54) 2,4-Dinitrophenol	14.659	184	109	8.255	ng	# 91
57) 2,4-Dinitrotoluene	14.570	165	74710	6.305	ng	# 28
67) 4-Bromophenyl-phenylether	16.057	248	65096	4.204	ng	# 1
77) Benzidine	19.941	184	89707	2.160	ng	# 90

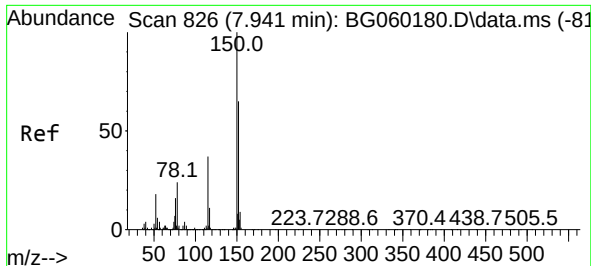
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Jan 06 00:44:29 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

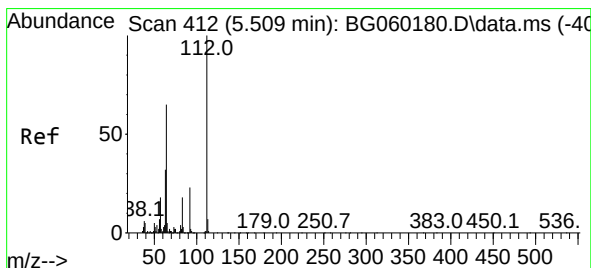
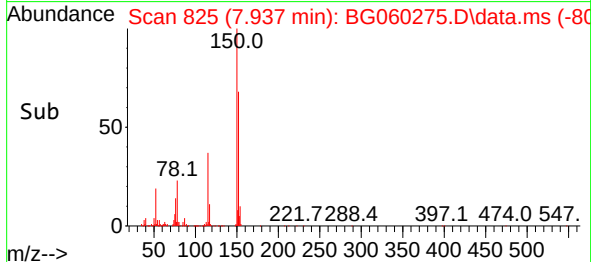
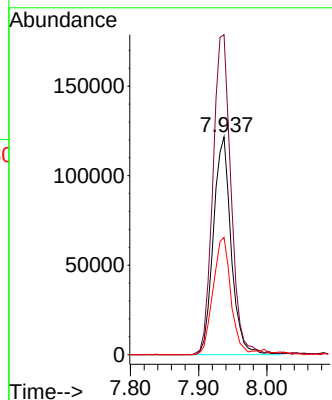
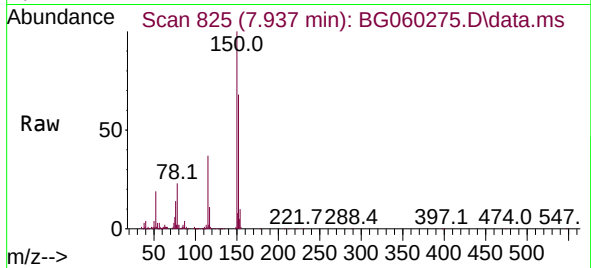




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060275.D
Acq: 5 Jan 2024 17:58

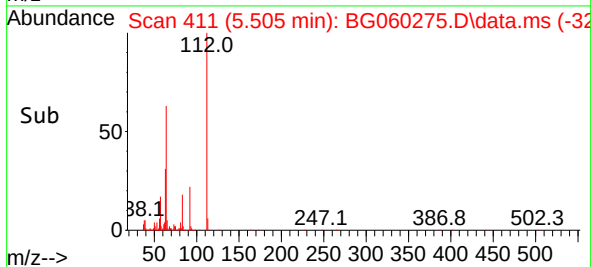
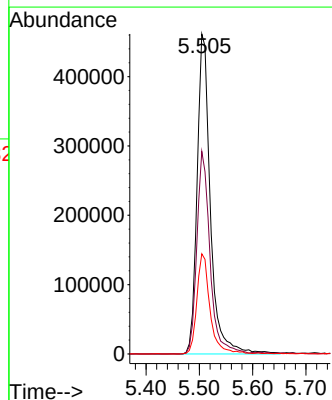
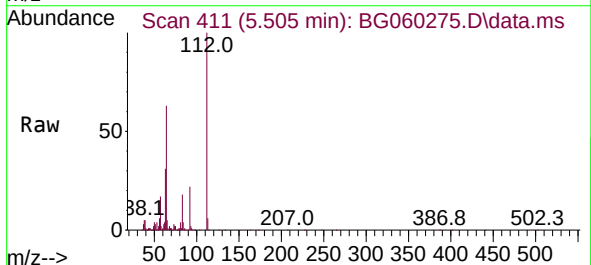
Instrument :
BNA_G
ClientSampleId :

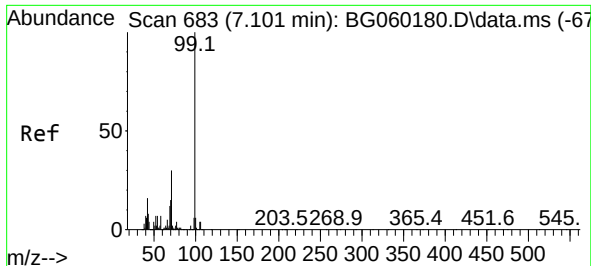
Tgt Ion:152 Resp: 220323
Ion Ratio Lower Upper
152 100
150 147.0 123.4 185.0
115 53.9 45.4 68.0



#5
2-Fluorophenol
Concen: 54.900 ng
RT: 5.505 min Scan# 411
Delta R.T. -0.004 min
Lab File: BG060275.D
Acq: 5 Jan 2024 17:58

Tgt Ion:112 Resp: 801391
Ion Ratio Lower Upper
112 100
64 63.3 52.2 78.4
63 31.3 25.4 38.0

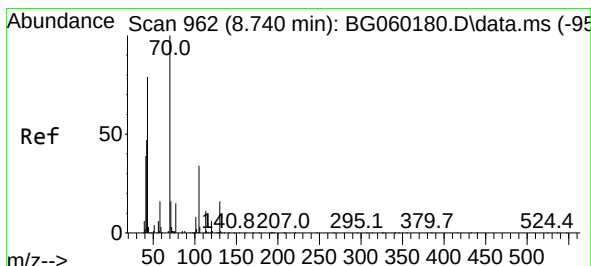
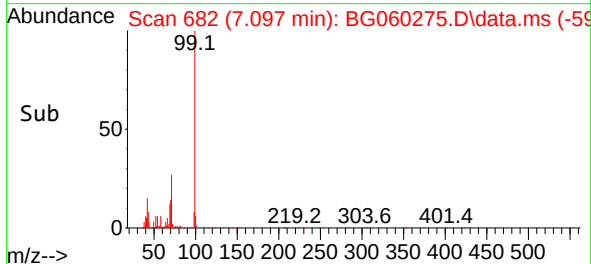
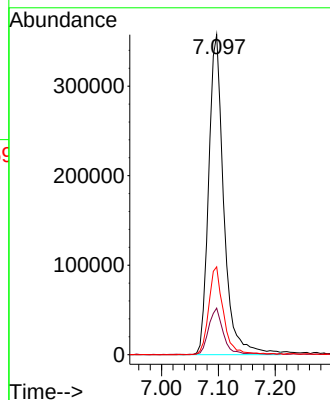
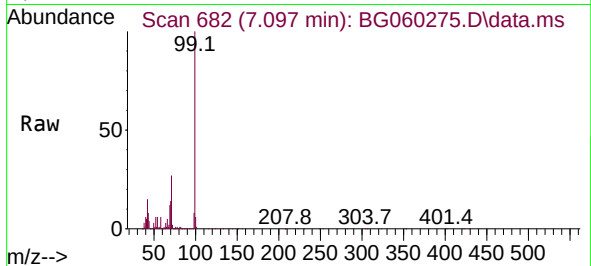




#7
Phenol-d6
Concen: 30.382 ng
RT: 7.097 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060275.D
Acq: 5 Jan 2024 17:58

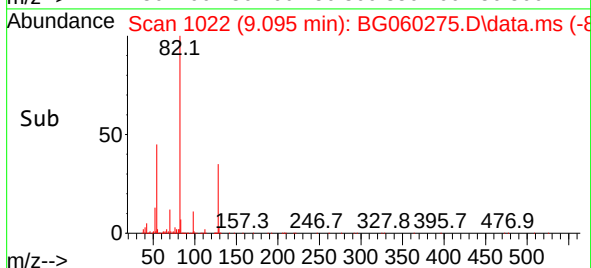
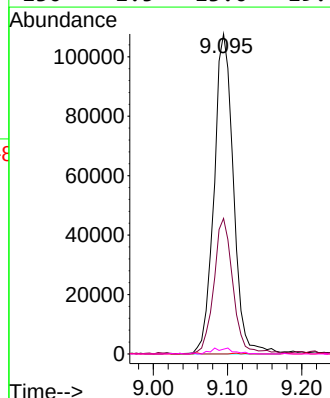
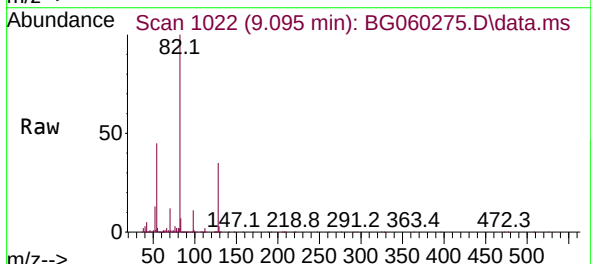
Instrument :
BNA_G
ClientSampleId :

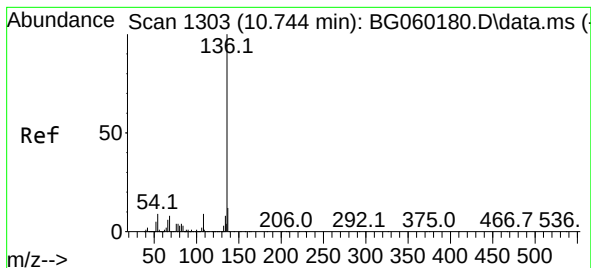
Tgt Ion: 99 Resp: 658489
Ion Ratio Lower Upper
99 100
42 14.6 12.5 18.7
71 27.5 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 13.215 ng
RT: 9.095 min Scan# 1022
Delta R.T. 0.354 min
Lab File: BG060275.D
Acq: 5 Jan 2024 17:58

Tgt Ion: 70 Resp: 195666
Ion Ratio Lower Upper
70 100
42 42.3 37.9 56.9
101 0.0 6.2 9.2#
130 1.5 13.0 19.4#

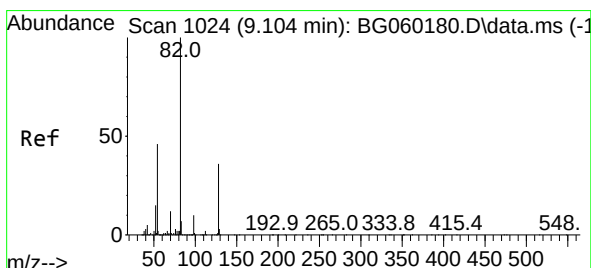
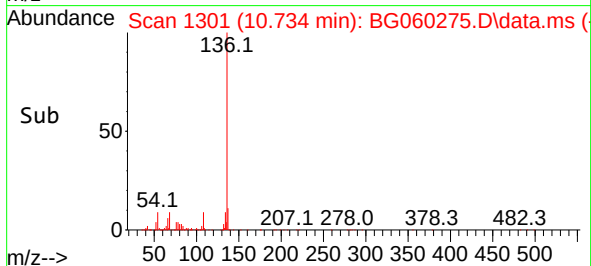
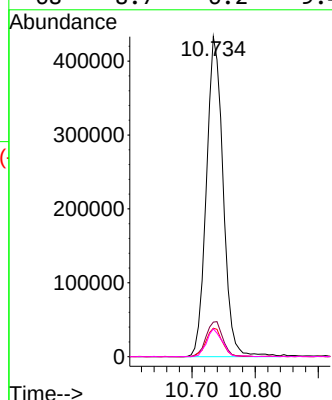
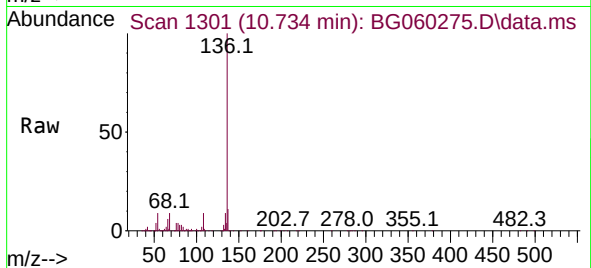




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG060275.D
Acq: 5 Jan 2024 17:58

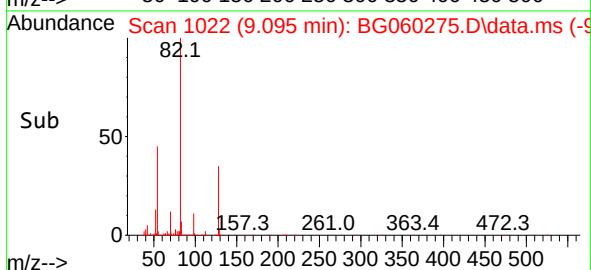
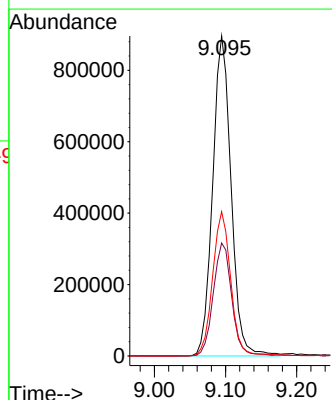
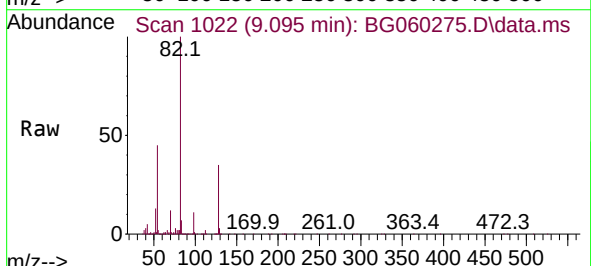
Instrument :
BNA_G
ClientSampleId :

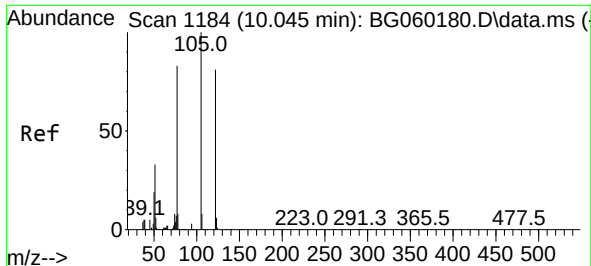
Tgt Ion:136 Resp: 797113
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.0
54 8.9 7.4 11.2
68 8.7 6.2 9.4



#23
Nitrobenzene-d5
Concen: 93.255 ng
RT: 9.095 min Scan# 1022
Delta R.T. -0.010 min
Lab File: BG060275.D
Acq: 5 Jan 2024 17:58

Tgt Ion: 82 Resp: 1609323
Ion Ratio Lower Upper
82 100
128 35.3 28.7 43.1
54 45.1 36.9 55.3

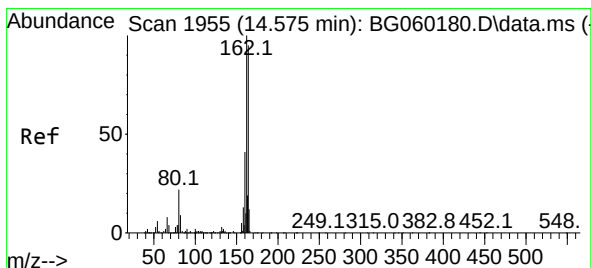
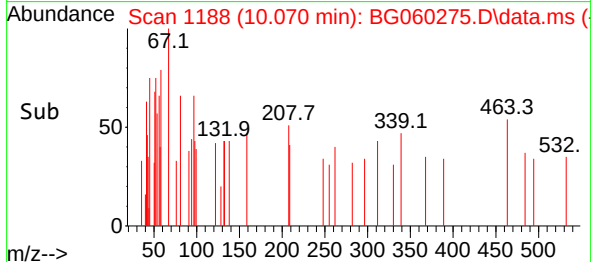
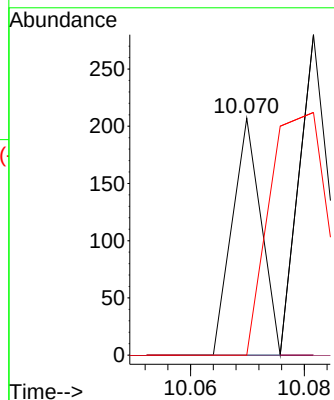
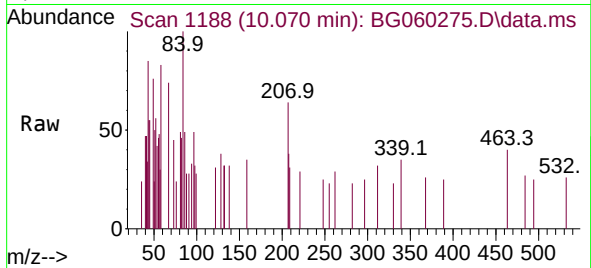




#32
Benzoic acid
Concen: 10.278 ng
RT: 10.070 min Scan# 1184
Delta R.T. 0.025 min
Lab File: BG060275.D
Acq: 5 Jan 2024 17:58

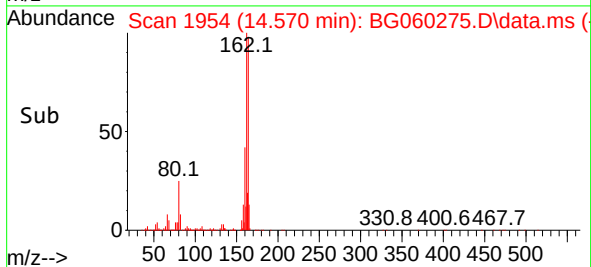
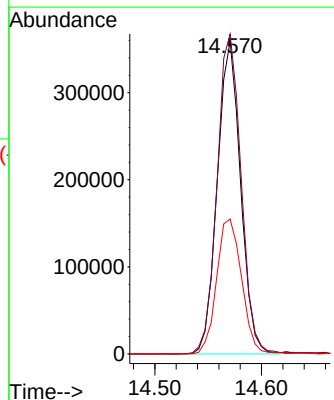
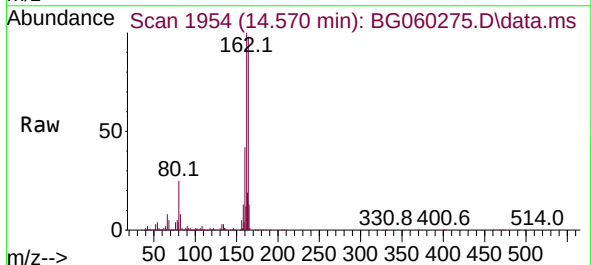
Instrument :
BNA_G
ClientSampleId :

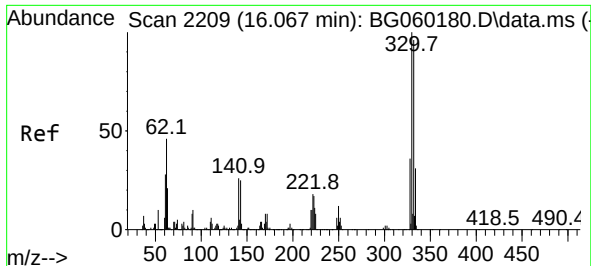
Tgt Ion:122 Resp: 73
Ion Ratio Lower Upper
122 100
105 0.0 99.2 139.2#
77 0.0 81.0 121.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.570 min Scan# 1954
Delta R.T. -0.004 min
Lab File: BG060275.D
Acq: 5 Jan 2024 17:58

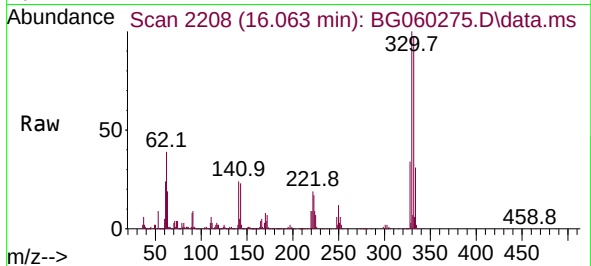
Tgt Ion:164 Resp: 542641
Ion Ratio Lower Upper
164 100
162 102.3 83.9 125.9
160 43.1 34.2 51.4



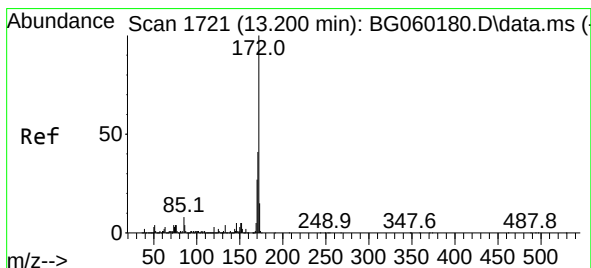
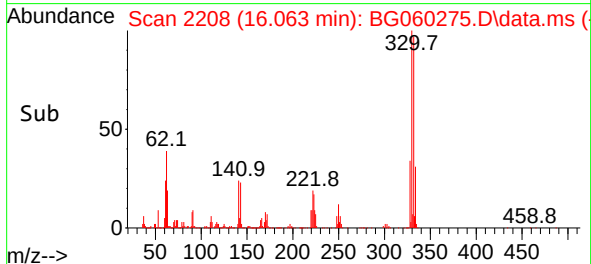
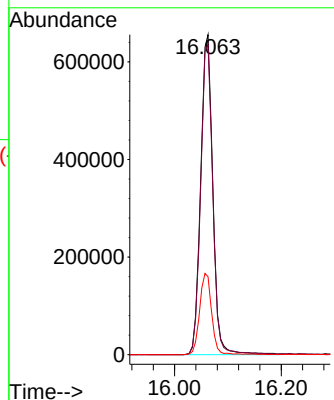


#42
2,4,6-Tribromophenol
Concen: 143.070 ng
RT: 16.063 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060275.D
Acq: 5 Jan 2024 17:58

Instrument :
BNA_G
ClientSampleId :

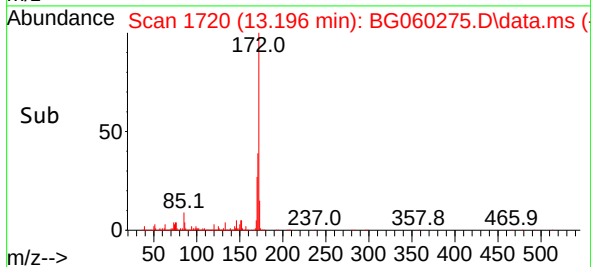
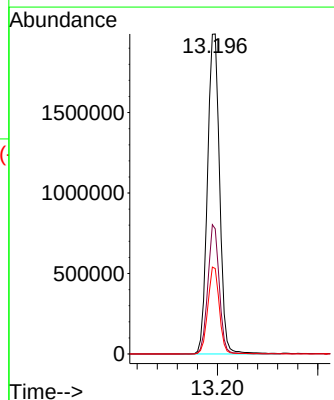
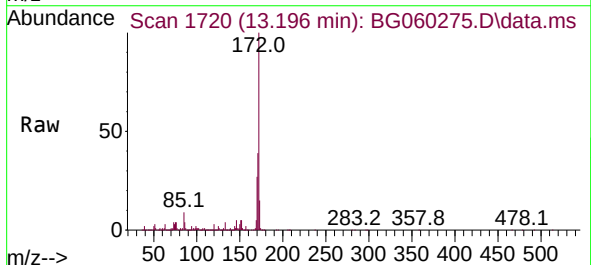


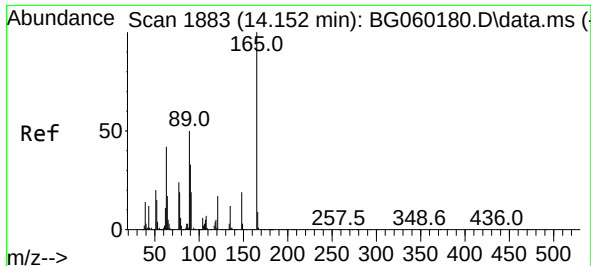
Tgt Ion:330 Resp: 1039231
Ion Ratio Lower Upper
330 100
332 96.7 76.7 115.1
141 25.2 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 88.421 ng
RT: 13.196 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BG060275.D
Acq: 5 Jan 2024 17:58

Tgt Ion:172 Resp: 3338444
Ion Ratio Lower Upper
172 100
171 39.1 32.6 48.8
170 26.7 21.8 32.6

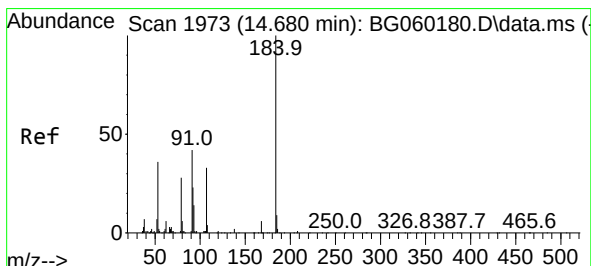
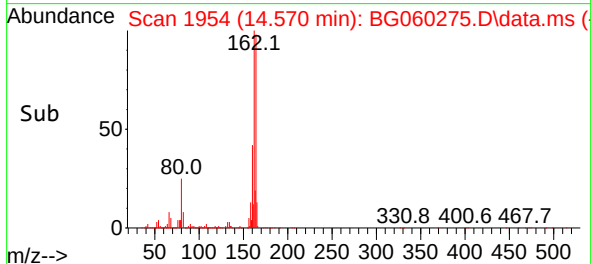
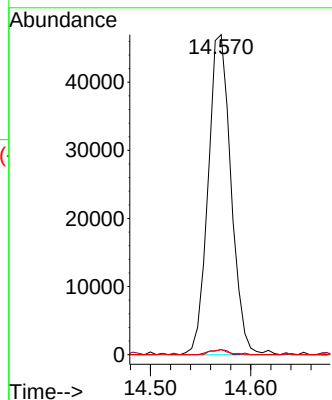
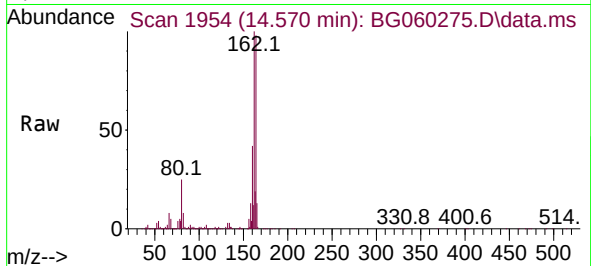




#51
2,6-Dinitrotoluene
Concen: 8.573 ng
RT: 14.570 min Scan# 1954
Delta R.T. 0.419 min
Lab File: BG060275.D
Acq: 5 Jan 2024 17:58

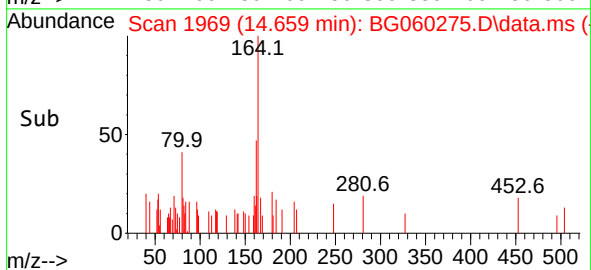
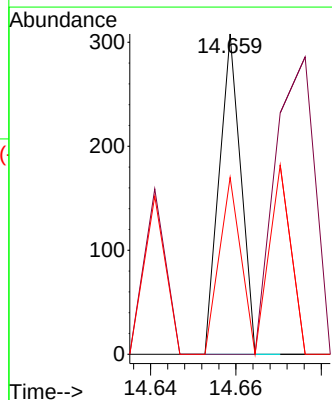
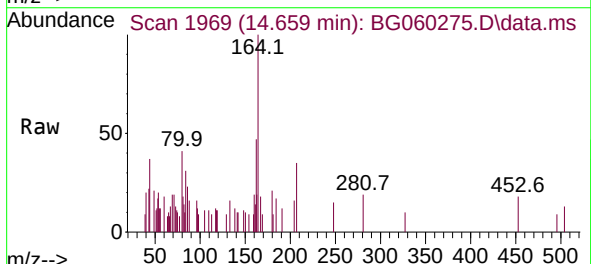
Instrument :
BNA_G
ClientSampleId :

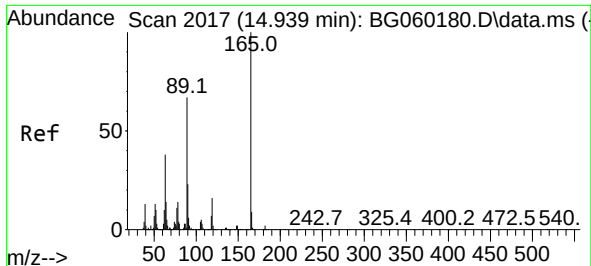
Tgt Ion:165 Resp: 74710
Ion Ratio Lower Upper
165 100
63 1.6 39.3 58.9#
89 1.7 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.255 ng
RT: 14.659 min Scan# 1969
Delta R.T. -0.021 min
Lab File: BG060275.D
Acq: 5 Jan 2024 17:58

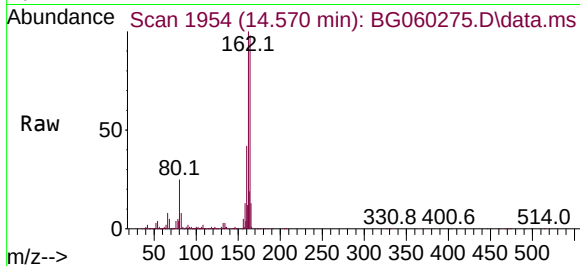
Tgt Ion:184 Resp: 109
Ion Ratio Lower Upper
184 100
63 49.4 45.4 68.2
154 55.2 40.0 60.0



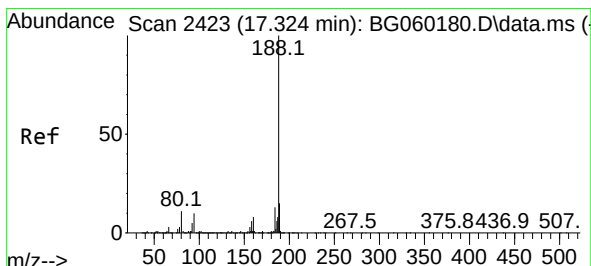
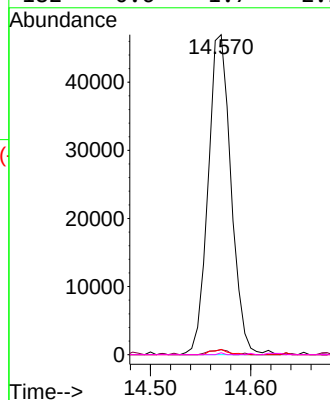
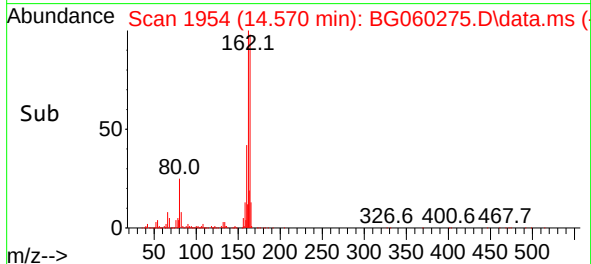


#57
2,4-Dinitrotoluene
Concen: 6.305 ng
RT: 14.570 min Scan# 1954
Delta R.T. -0.368 min
Lab File: BG060275.D
Acq: 5 Jan 2024 17:58

Instrument :
BNA_G
ClientSampleId :

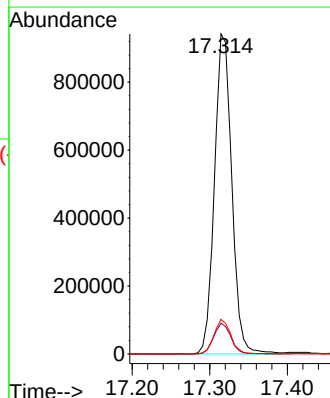
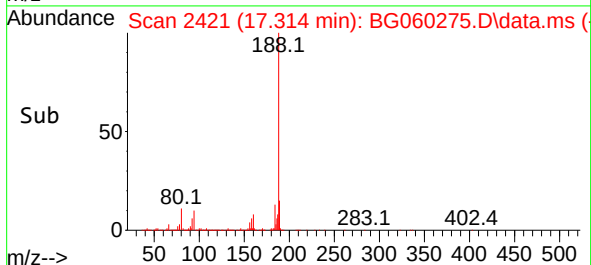
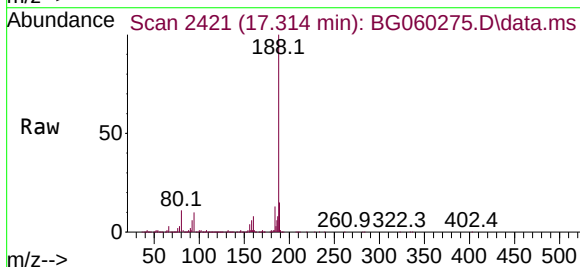


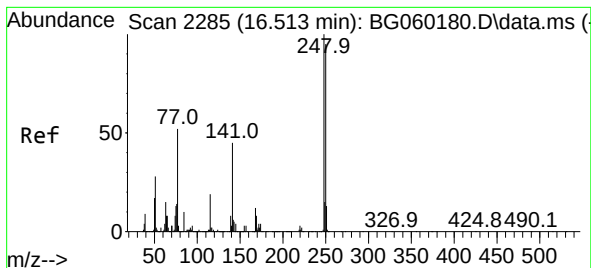
Tgt Ion:165 Resp: 74710
Ion Ratio Lower Upper
165 100
63 1.6 31.0 46.6#
89 1.7 53.3 79.9#
182 0.6 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.314 min Scan# 2421
Delta R.T. -0.010 min
Lab File: BG060275.D
Acq: 5 Jan 2024 17:58

Tgt Ion:188 Resp: 1460484
Ion Ratio Lower Upper
188 100
94 9.6 7.8 11.6
80 10.8 8.6 13.0

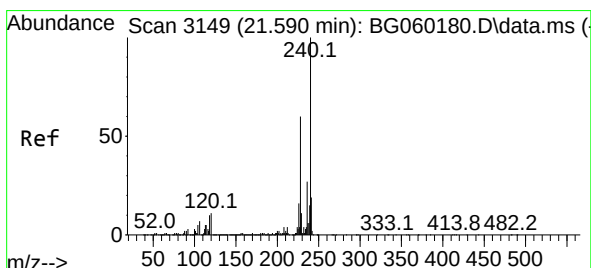
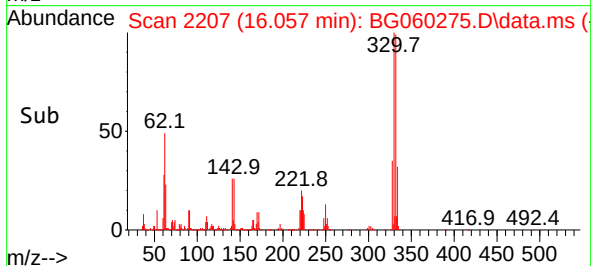
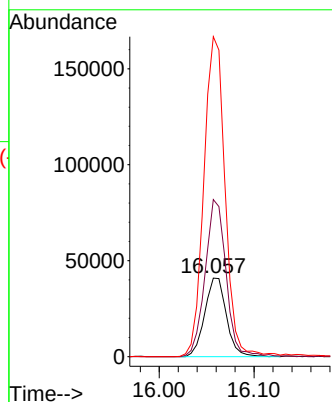
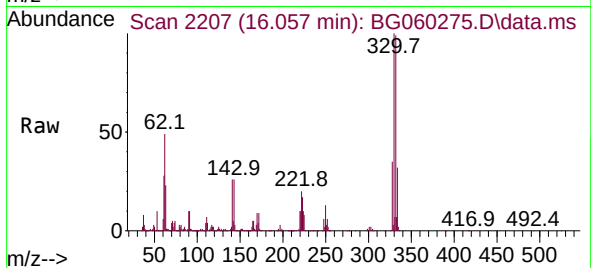




#67
4-Bromophenyl-phenylether
Concen: 4.204 ng
RT: 16.057 min Scan# 21
Delta R.T. -0.456 min
Lab File: BG060275.D
Acq: 5 Jan 2024 17:58

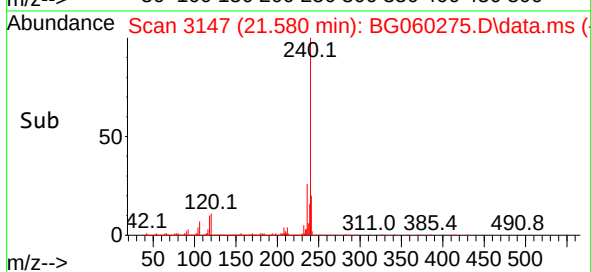
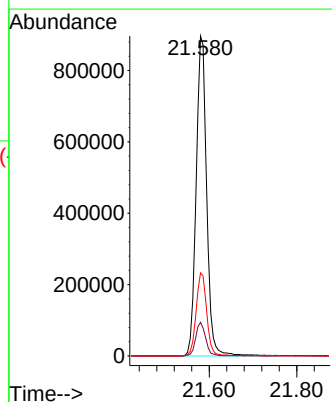
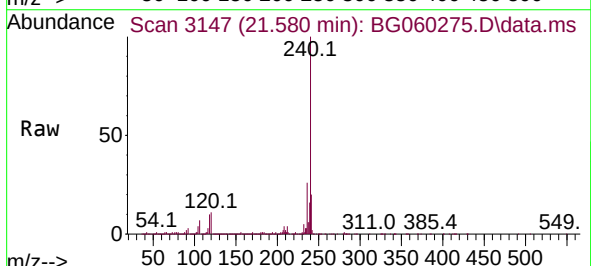
Instrument :
BNA_G
ClientSampleId :

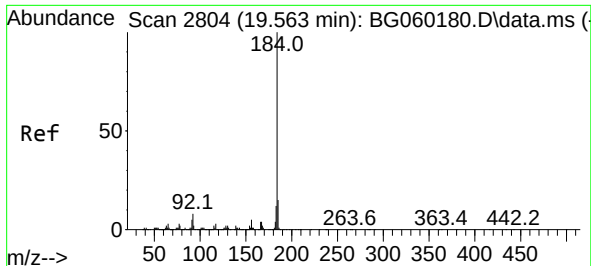
Tgt Ion:248 Resp: 65096
Ion Ratio Lower Upper
248 100
250 200.0 76.2 114.4#
141 407.4 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3147
Delta R.T. -0.010 min
Lab File: BG060275.D
Acq: 5 Jan 2024 17:58

Tgt Ion:240 Resp: 1500628
Ion Ratio Lower Upper
240 100
120 10.5 8.5 12.7
236 26.0 21.4 32.2

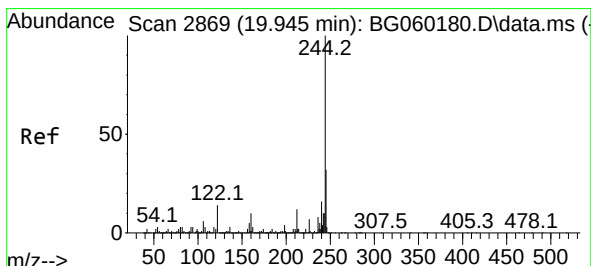
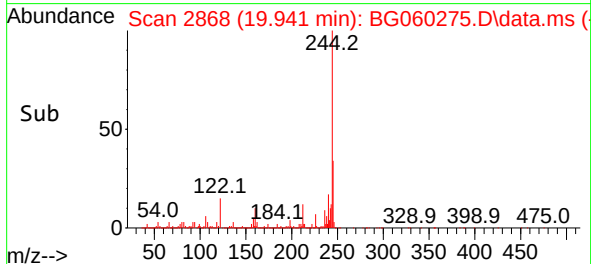
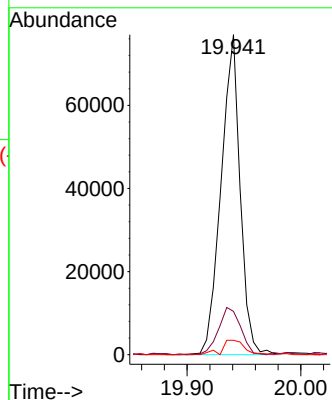
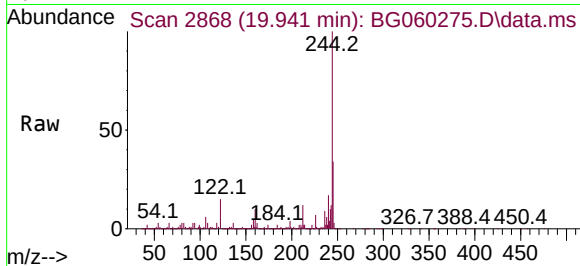




#77
Benzidine
Concen: 2.160 ng
RT: 19.941 min Scan# 2868
Delta R.T. 0.378 min
Lab File: BG060275.D
Acq: 5 Jan 2024 17:58

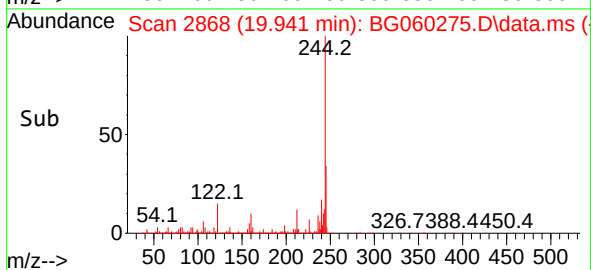
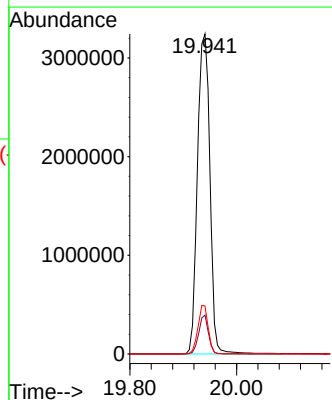
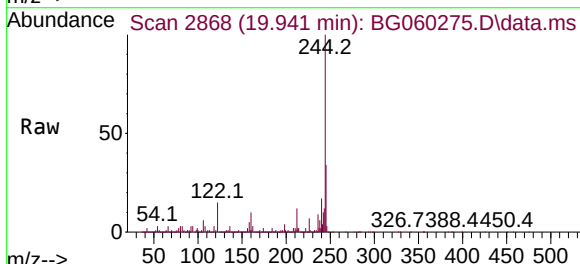
Instrument :
BNA_G
ClientSampleId :

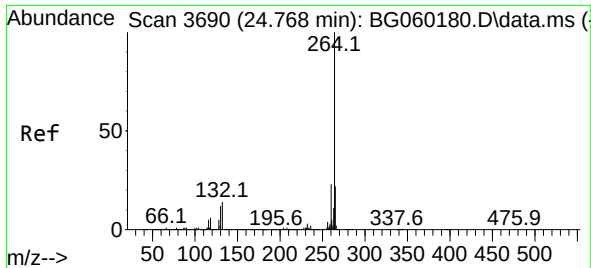
Tgt Ion:184 Resp: 89707
Ion Ratio Lower Upper
184 100
185 13.6 11.7 17.5
183 4.5 9.4 14.2#



#79
Terphenyl-d14
Concen: 67.512 ng
RT: 19.941 min Scan# 2868
Delta R.T. -0.004 min
Lab File: BG060275.D
Acq: 5 Jan 2024 17:58

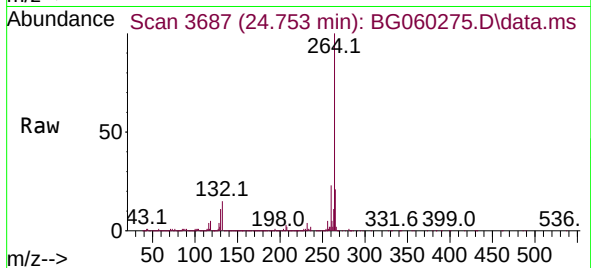
Tgt Ion:244 Resp: 5269714
Ion Ratio Lower Upper
244 100
212 12.1 9.5 14.3
122 15.0 11.4 17.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.753 min Scan# 30
 Delta R.T. -0.016 min
 Lab File: BG060275.D
 Acq: 5 Jan 2024 17:58

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 1685511

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.0	27.0
265	21.4	17.4	26.0

