

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060190.D
 Acq On : 2 Jan 2024 11:49
 Operator : MA/JU
 Sample : 06039-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 02 12:29:28 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)

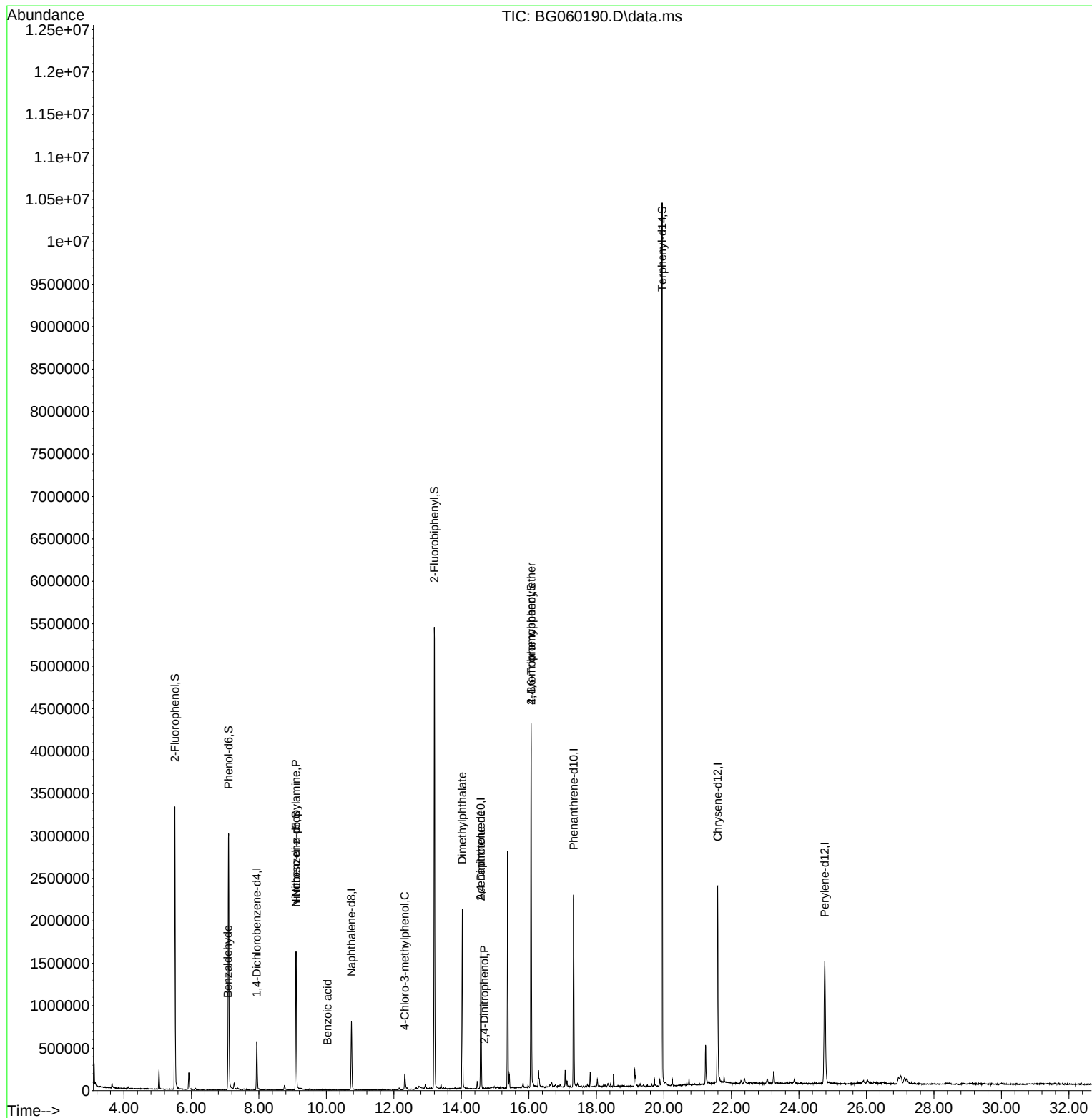
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	170858	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	716977	20.000	ng	0.00
39) Acenaphthene-d10	14.576	164	586541	20.000	ng	0.00
64) Phenanthrene-d10	17.326	188	1535762	20.000	ng	0.00
76) Chrysene-d12	21.592	240	1459919	20.000	ng	0.00
86) Perylene-d12	24.764	264	1625471	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	1512627	133.624	ng	0.00
7) Phenol-d6	7.103	99	2025372	120.503	ng	0.00
23) Nitrobenzene-d5	9.101	82	1110463	71.540	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	888356	113.145	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	3036335	74.400	ng	0.00
79) Terphenyl-d14	19.947	244	4826748	63.561	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.079	77	34849	3.449	ng	# 82
19) n-Nitroso-di-n-propyla...	9.101	70	129884	11.312	ng	# 88
32) Benzoic acid	10.035	122	62	10.277	ng	# 48
36) 4-Chloro-3-methylphenol	12.320	107	92750	7.264	ng	# 19
50) Dimethylphthalate	14.024	163	1507233	33.283	ng	100
54) 2,4-Dinitrophenol	14.682	184	109	8.254	ng	# 25
57) 2,4-Dinitrotoluene	14.576	165	77823	6.076	ng	# 27
67) 4-Bromophenyl-phenylether	16.069	248	52051	3.197	ng	# 1

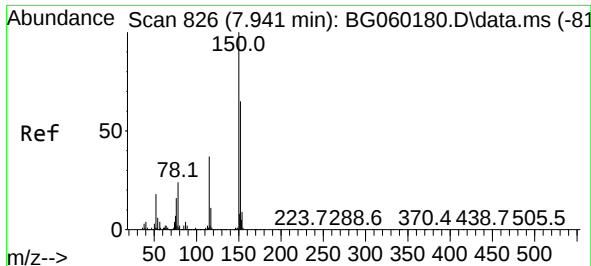
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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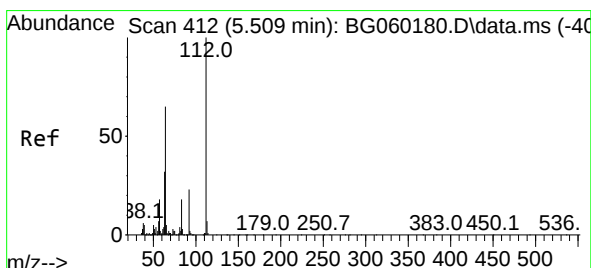
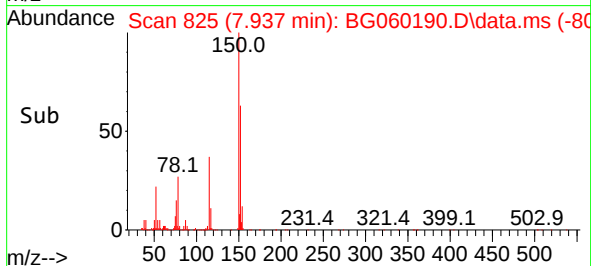
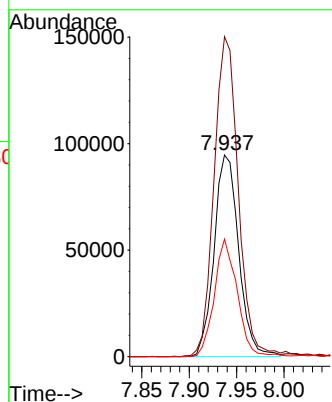
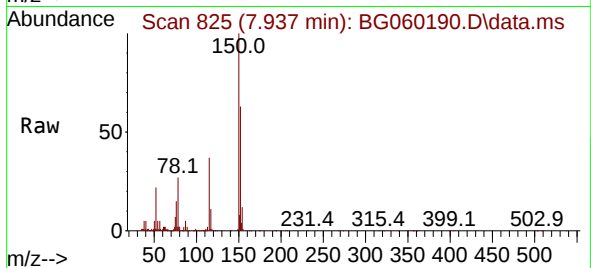




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060190.D
Acq: 2 Jan 2024 11:49

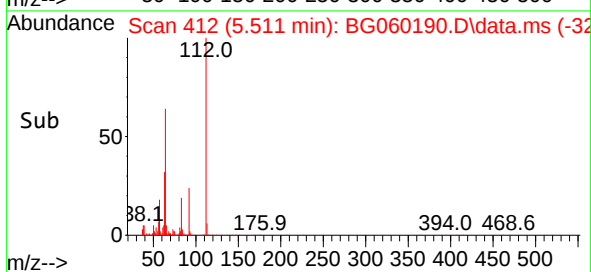
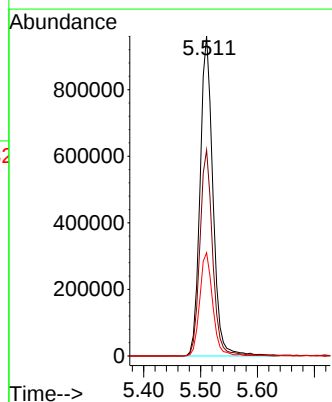
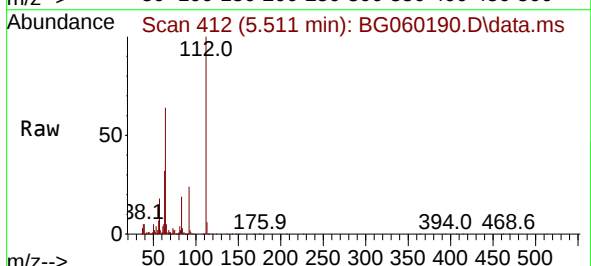
Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 170858
Ion Ratio Lower Upper
152 100
150 158.6 123.4 185.0
115 58.3 45.4 68.0



#5
2-Fluorophenol
Concen: 133.624 ng
RT: 5.511 min Scan# 412
Delta R.T. 0.002 min
Lab File: BG060190.D
Acq: 2 Jan 2024 11:49

Tgt Ion:112 Resp: 1512627
Ion Ratio Lower Upper
112 100
64 64.4 52.2 78.4
63 32.3 25.4 38.0



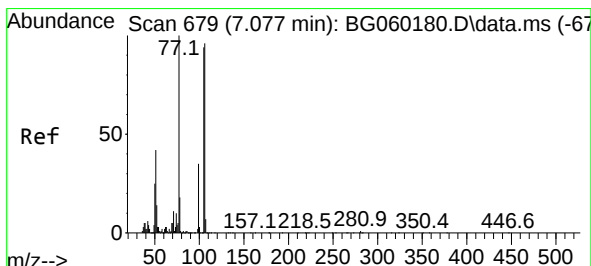
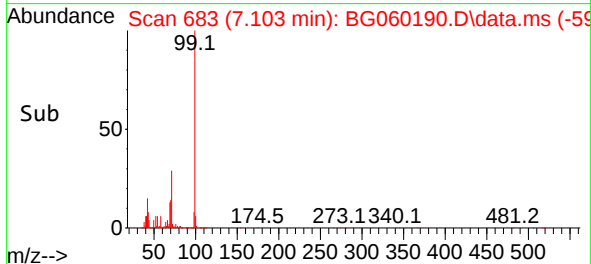
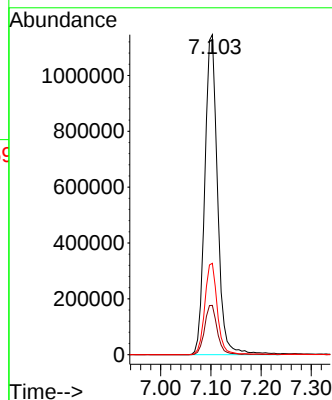
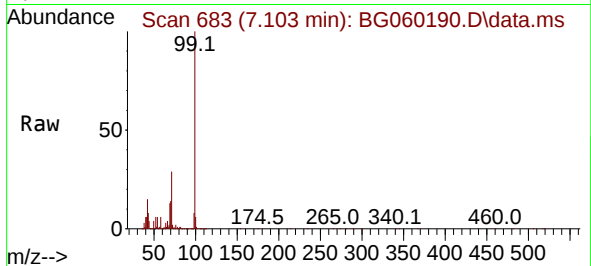


#7
Phenol-d6
Concen: 120.503 ng
RT: 7.103 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG060190.D
Acq: 2 Jan 2024 11:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 2025372

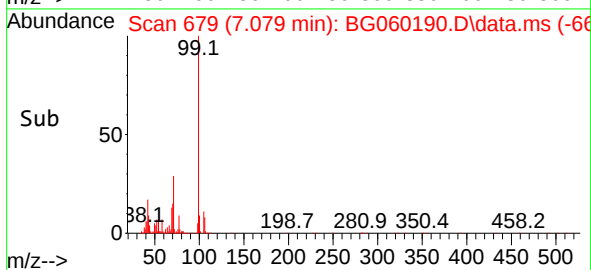
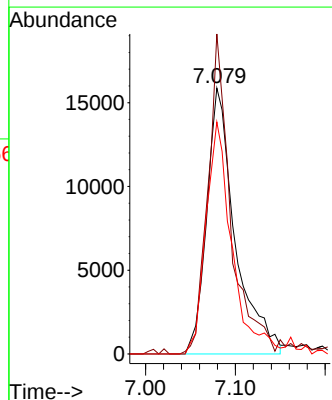
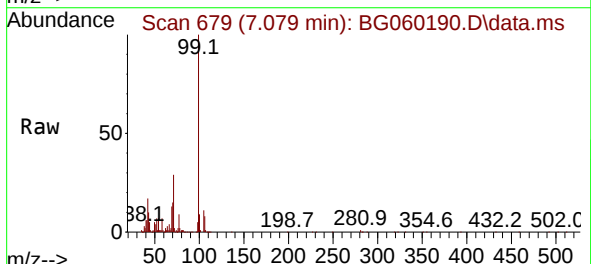
Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.5	18.7
71	28.6	24.1	36.1

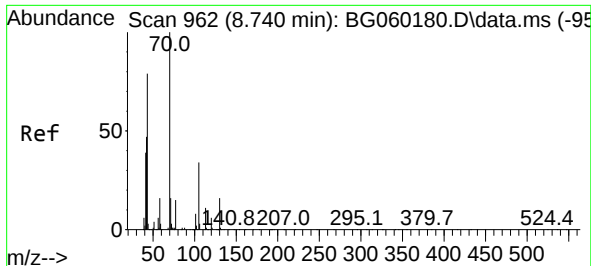


#9
Benzaldehyde
Concen: 3.449 ng
RT: 7.079 min Scan# 679
Delta R.T. 0.002 min
Lab File: BG060190.D
Acq: 2 Jan 2024 11:49

Tgt Ion: 77 Resp: 34849

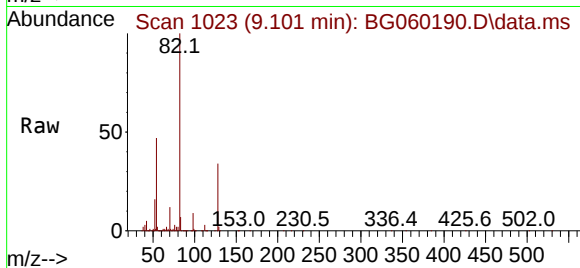
Ion	Ratio	Lower	Upper
77	100		
105	120.3	73.8	113.8#
106	87.2	76.2	116.2



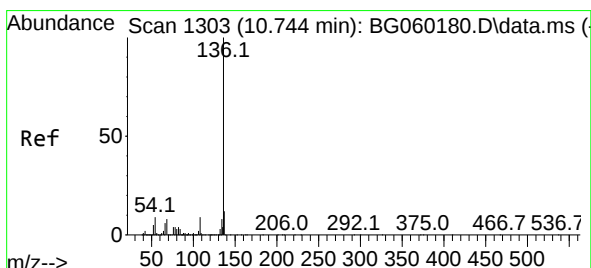
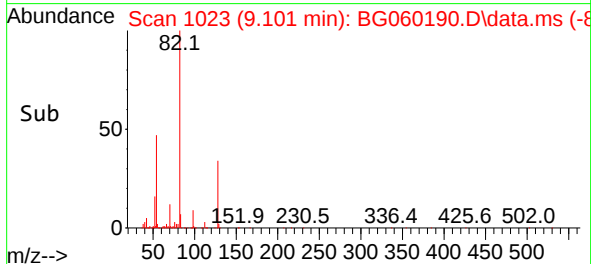
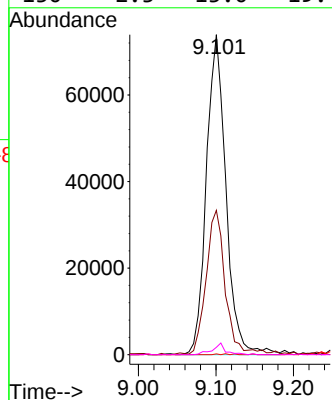


#19
n-Nitroso-di-n-propylamine
Concen: 11.312 ng
RT: 9.101 min Scan# 1023
Delta R.T. 0.360 min
Lab File: BG060190.D
Acq: 2 Jan 2024 11:49

Instrument :
BNA_G
ClientSampleId :

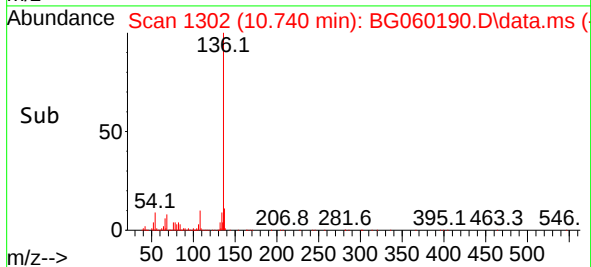
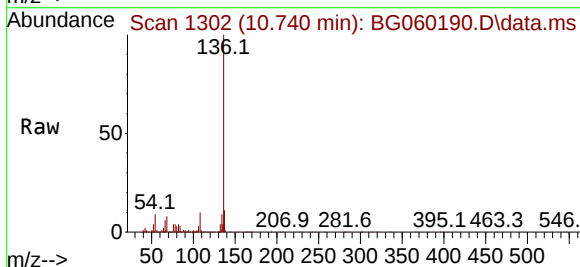
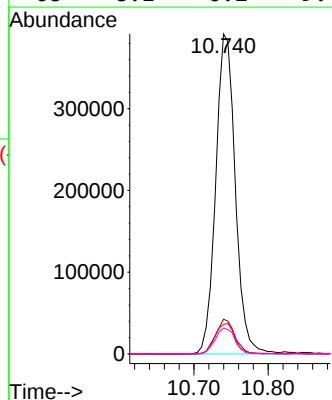


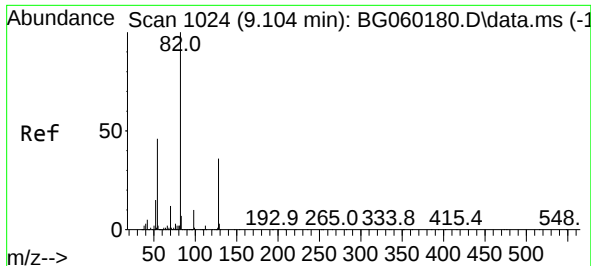
Tgt Ion: 70 Resp: 129884
Ion Ratio Lower Upper
70 100
42 45.1 37.9 56.9
101 0.2 6.2 9.2#
130 2.3 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 1302
Delta R.T. -0.004 min
Lab File: BG060190.D
Acq: 2 Jan 2024 11:49

Tgt Ion: 136 Resp: 716977
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.0
54 9.2 7.4 11.2
68 8.1 6.2 9.4

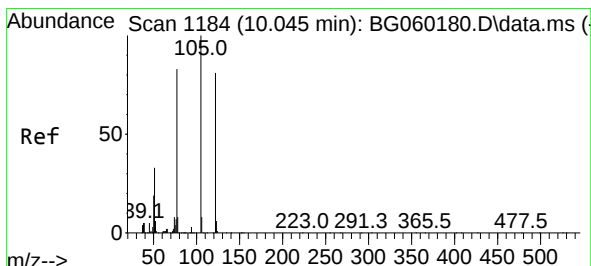
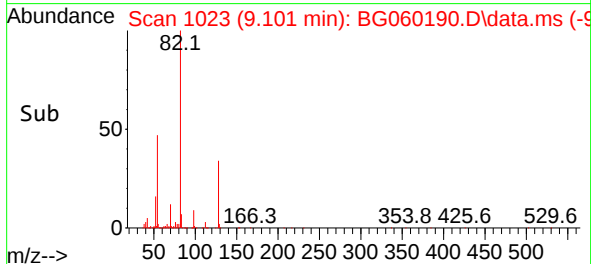
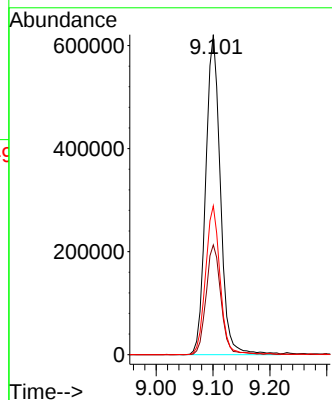
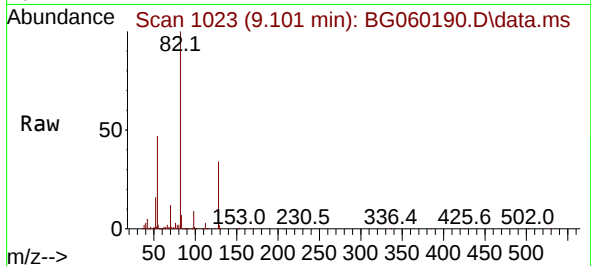




#23
Nitrobenzene-d5
Concen: 71.540 ng
RT: 9.101 min Scan# 110
Delta R.T. -0.004 min
Lab File: BG060190.D
Acq: 2 Jan 2024 11:49

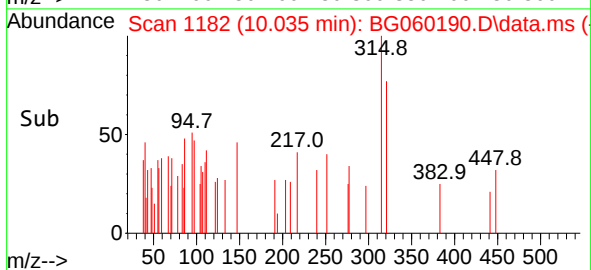
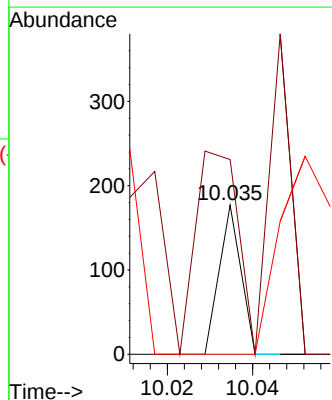
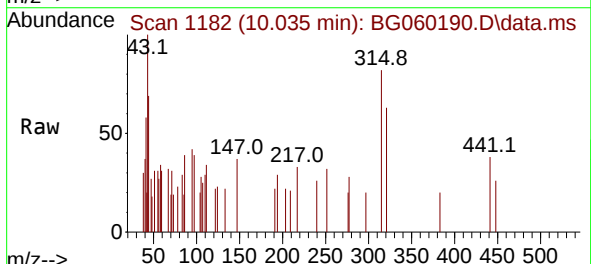
Instrument :
BNA_G
ClientSampleId :

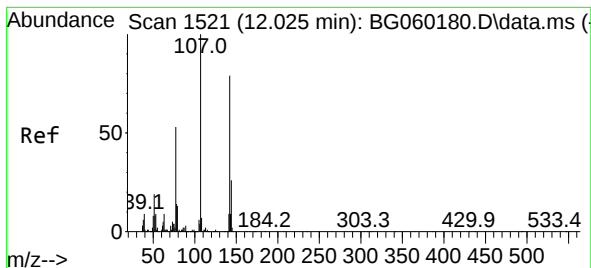
Tgt Ion: 82 Resp: 1110463
Ion Ratio Lower Upper
82 100
128 34.3 28.7 43.1
54 46.5 36.9 55.3



#32
Benzoic acid
Concen: 10.277 ng
RT: 10.035 min Scan# 1182
Delta R.T. -0.010 min
Lab File: BG060190.D
Acq: 2 Jan 2024 11:49

Tgt Ion:122 Resp: 62
Ion Ratio Lower Upper
122 100
105 130.5 99.2 139.2
77 0.0 81.0 121.0#

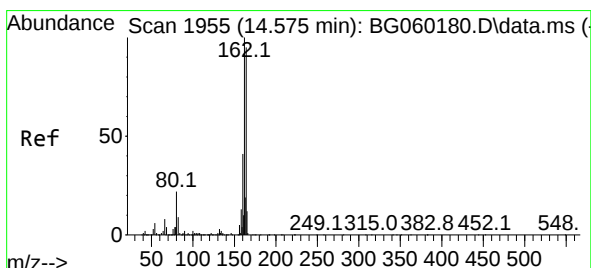
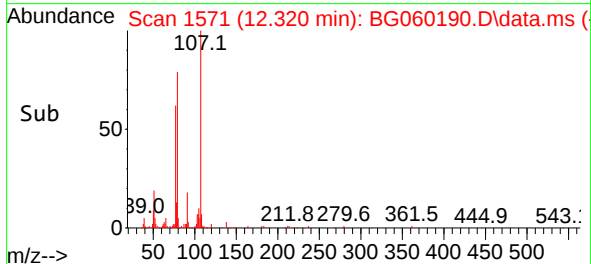
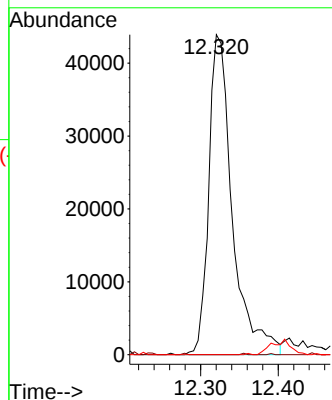
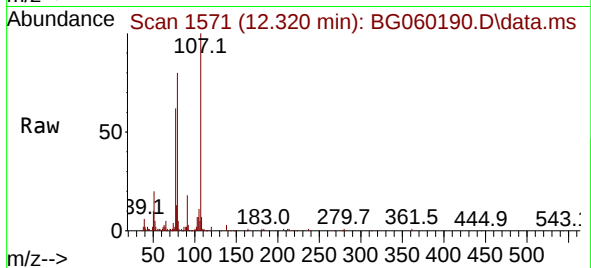




#36
4-Chloro-3-methylphenol
Concen: 7.264 ng
RT: 12.320 min Scan# 1
Delta R.T. 0.296 min
Lab File: BG060190.D
Acq: 2 Jan 2024 11:49

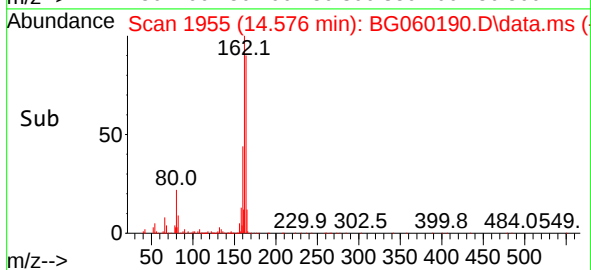
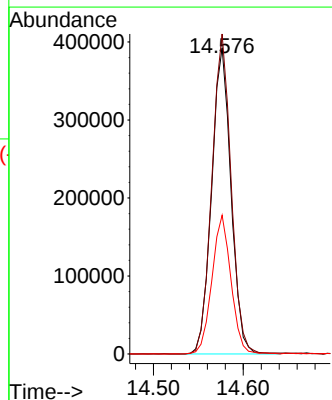
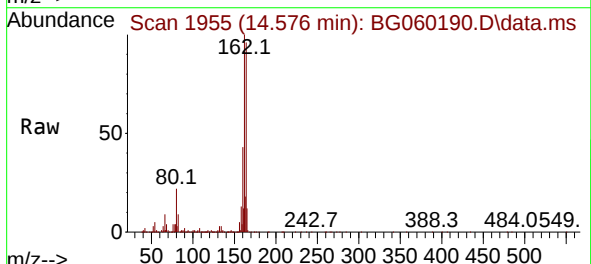
Instrument :
BNA_G
ClientSampleId :

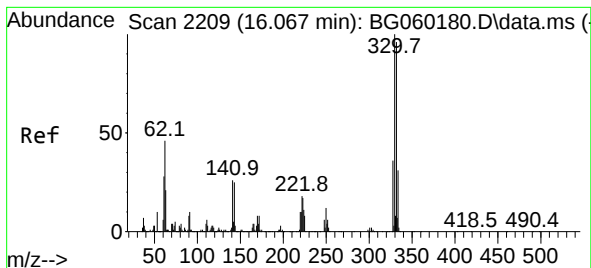
Tgt Ion:107 Resp: 92750
Ion Ratio Lower Upper
107 100
144 0.0 20.8 31.2#
142 0.0 63.4 95.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.576 min Scan# 1955
Delta R.T. 0.002 min
Lab File: BG060190.D
Acq: 2 Jan 2024 11:49

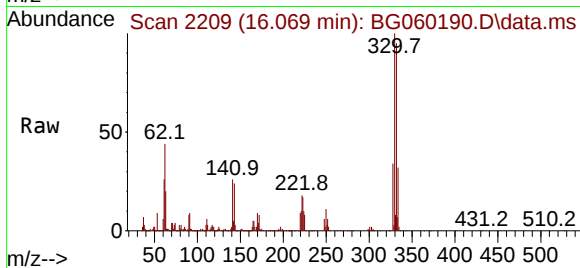
Tgt Ion:164 Resp: 586541
Ion Ratio Lower Upper
164 100
162 104.6 83.9 125.9
160 45.3 34.2 51.4



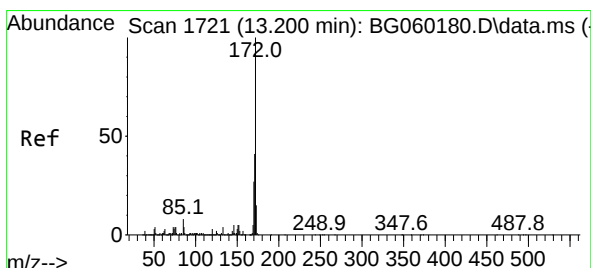
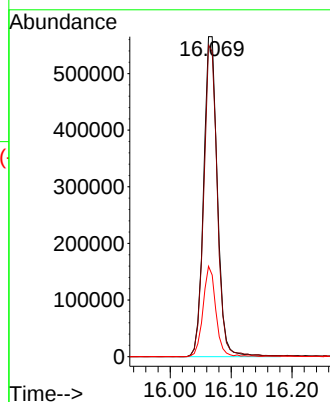
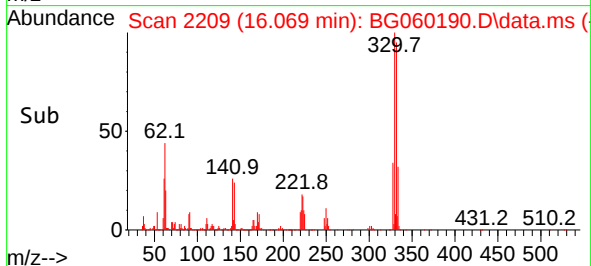


#42
2,4,6-Tribromophenol
Concen: 113.145 ng
RT: 16.069 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG060190.D
Acq: 2 Jan 2024 11:49

Instrument :
BNA_G
ClientSampleId :

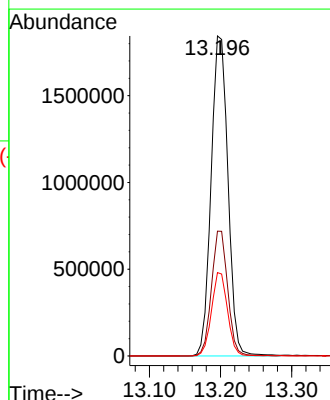
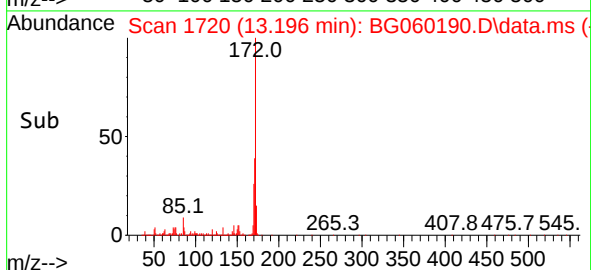
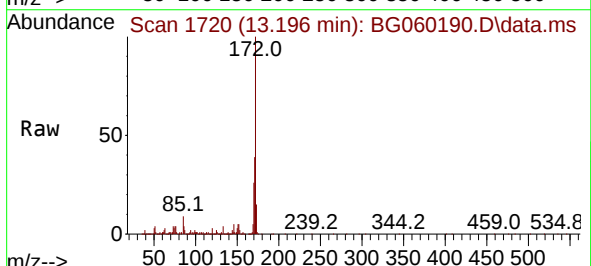


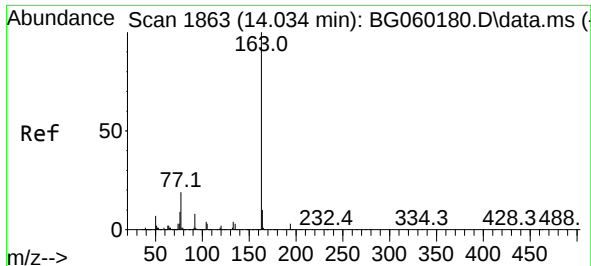
Tgt Ion:330 Resp: 888356
Ion Ratio Lower Upper
330 100
332 95.6 76.7 115.1
141 26.5 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 74.400 ng
RT: 13.196 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BG060190.D
Acq: 2 Jan 2024 11:49

Tgt Ion:172 Resp: 3036335
Ion Ratio Lower Upper
172 100
171 39.0 32.6 48.8
170 26.1 21.8 32.6

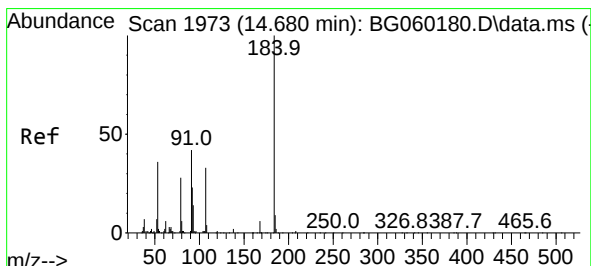
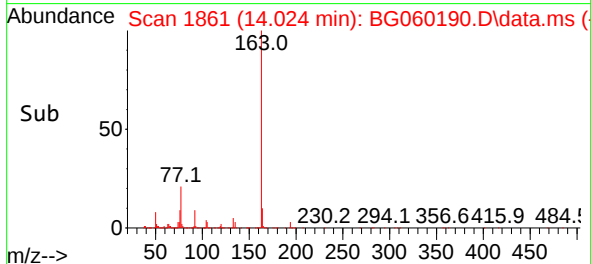
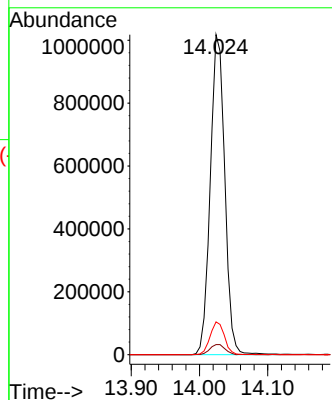
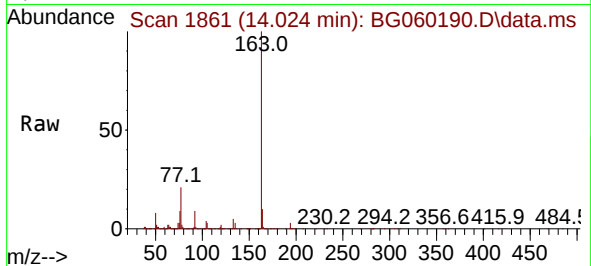




#50
Dimethylphthalate
Concen: 33.283 ng
RT: 14.024 min Scan# 1861
Delta R.T. -0.010 min
Lab File: BG060190.D
Acq: 2 Jan 2024 11:49

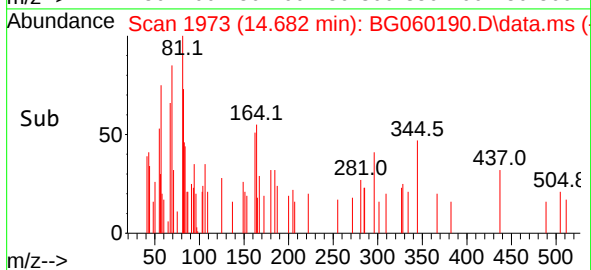
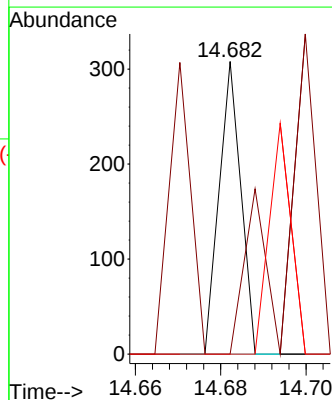
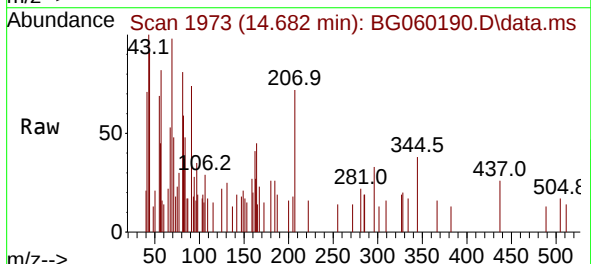
Instrument :
BNA_G
ClientSampleId :

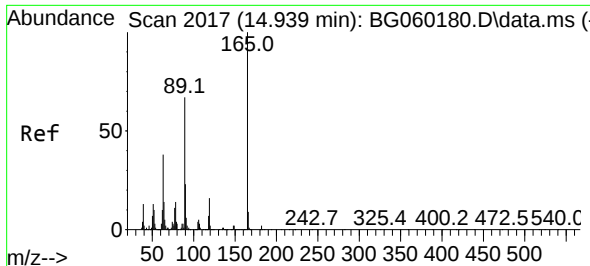
Tgt Ion:163 Resp: 1507233
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.3 8.3 12.5



#54
2,4-Dinitrophenol
Concen: 8.254 ng
RT: 14.682 min Scan# 1973
Delta R.T. 0.002 min
Lab File: BG060190.D
Acq: 2 Jan 2024 11:49

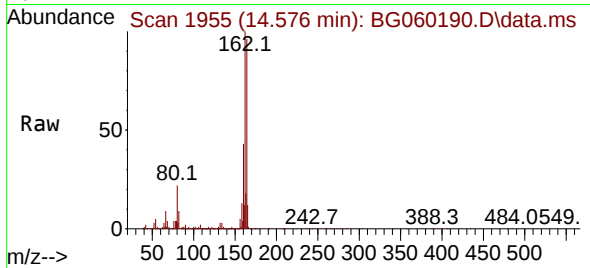
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Ion Ratio Lower Upper
184 100
63 0.0 45.4 68.2#
154 0.0 40.0 60.0#



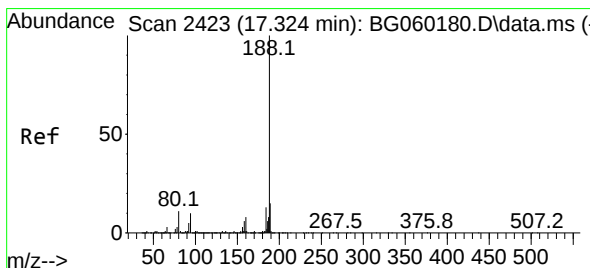
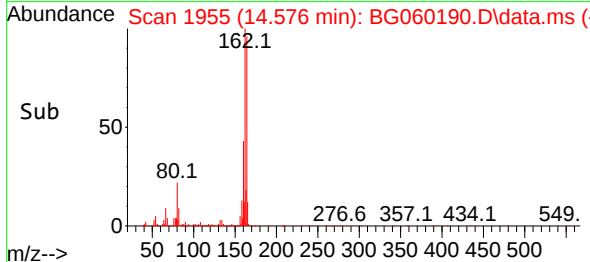
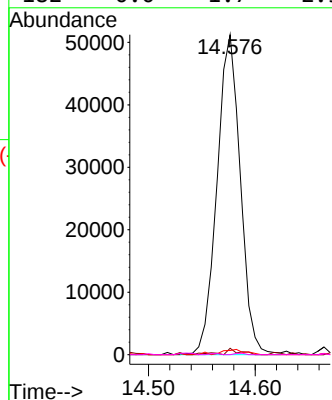


#57
2,4-Dinitrotoluene
Concen: 6.076 ng
RT: 14.576 min Scan# 1955
Delta R.T. -0.362 min
Lab File: BG060190.D
Acq: 2 Jan 2024 11:49

Instrument :
BNA_G
ClientSampleId :

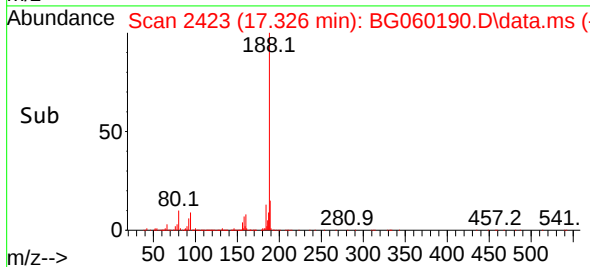
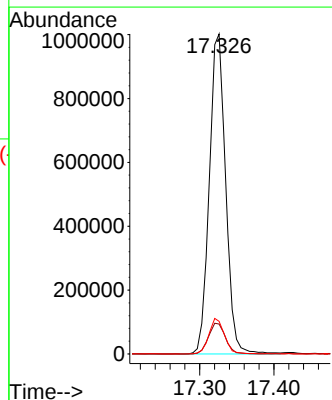
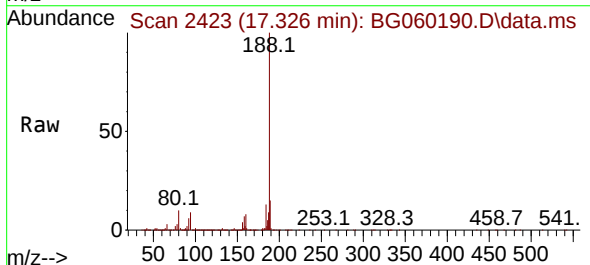


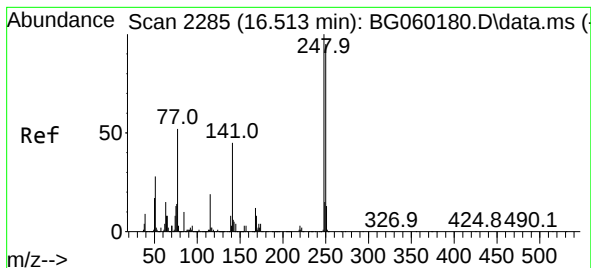
Tgt Ion:165 Resp: 77823
Ion Ratio Lower Upper
165 100
63 2.0 31.0 46.6#
89 1.3 53.3 79.9#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.326 min Scan# 2423
Delta R.T. 0.002 min
Lab File: BG060190.D
Acq: 2 Jan 2024 11:49

Tgt Ion:188 Resp: 1535762
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 10.2 8.6 13.0

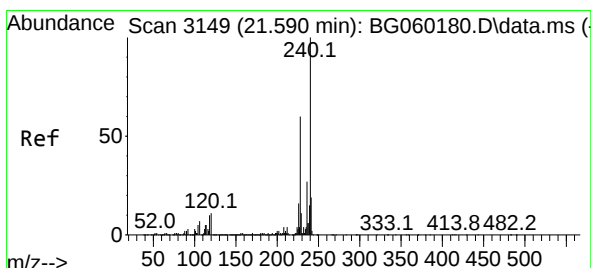
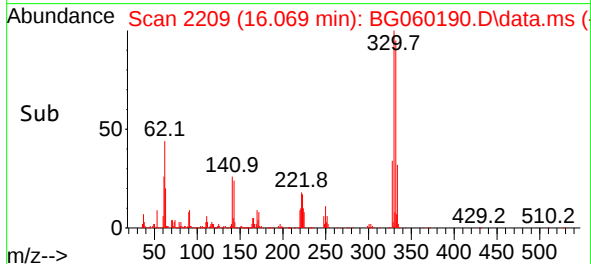
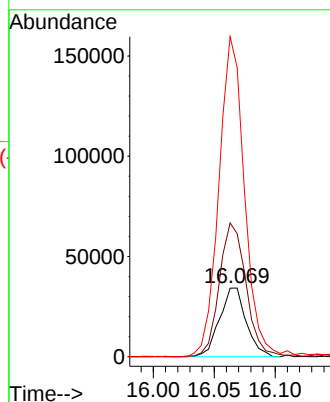
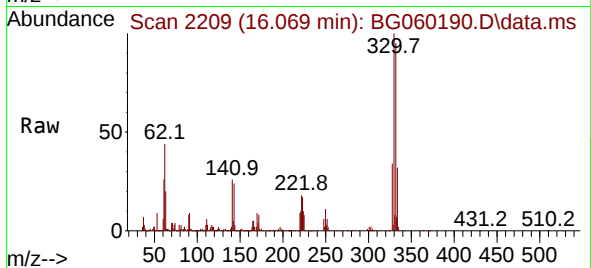




#67
4-Bromophenyl-phenylether
Concen: 3.197 ng
RT: 16.069 min Scan# 21
Delta R.T. -0.445 min
Lab File: BG060190.D
Acq: 2 Jan 2024 11:49

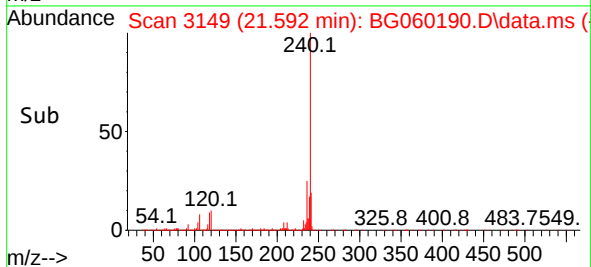
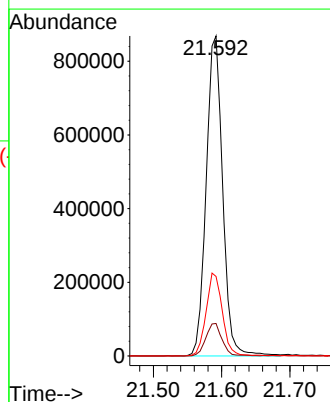
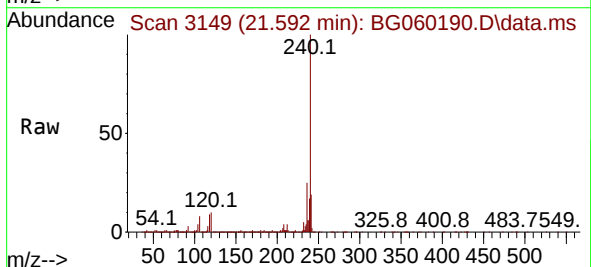
Instrument :
BNA_G
ClientSampleId :

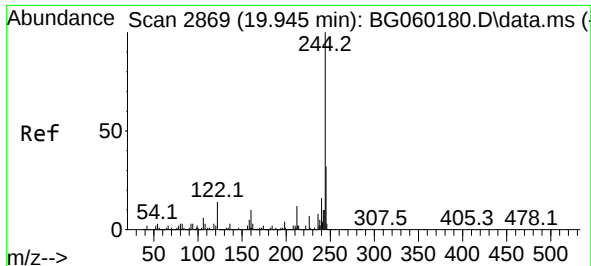
Tgt Ion:248 Resp: 52051
Ion Ratio Lower Upper
248 100
250 137.8 76.2 114.4#
141 324.0 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3149
Delta R.T. 0.002 min
Lab File: BG060190.D
Acq: 2 Jan 2024 11:49

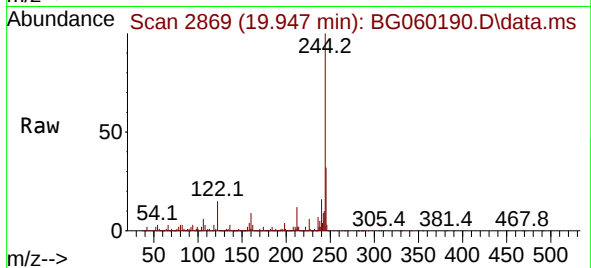
Tgt Ion:240 Resp: 1459919
Ion Ratio Lower Upper
240 100
120 10.1 8.5 12.7
236 24.9 21.4 32.2



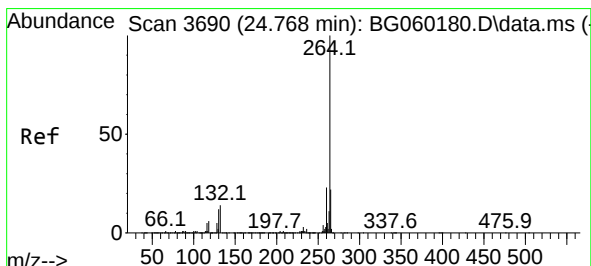
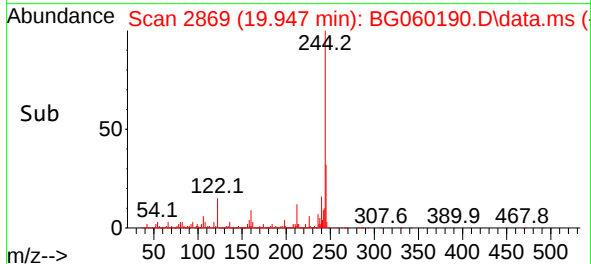
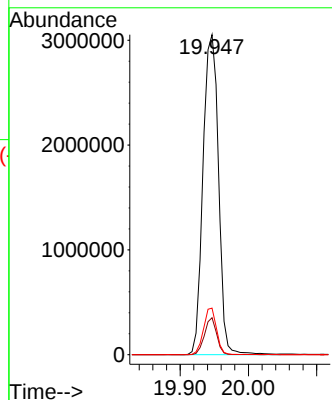


#79
 Terphenyl-d14
 Concen: 63.561 ng
 RT: 19.947 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG060190.D
 Acq: 2 Jan 2024 11:49

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:244 Resp: 4826748
 Ion Ratio Lower Upper
 244 100
 212 11.5 9.5 14.3
 122 14.6 11.4 17.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.764 min Scan# 3689
 Delta R.T. -0.004 min
 Lab File: BG060190.D
 Acq: 2 Jan 2024 11:49

Tgt Ion:264 Resp: 1625471
 Ion Ratio Lower Upper
 264 100
 260 22.0 18.0 27.0
 265 21.0 17.4 26.0

