

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031524\
 Data File : BG060667.D
 Acq On : 15 Mar 2024 17:29
 Operator : MA/JU
 Sample : P1769-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-3-14-24

Quant Time: Mar 15 18:09:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 00:45:22 2024
 Response via : Initial Calibration

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

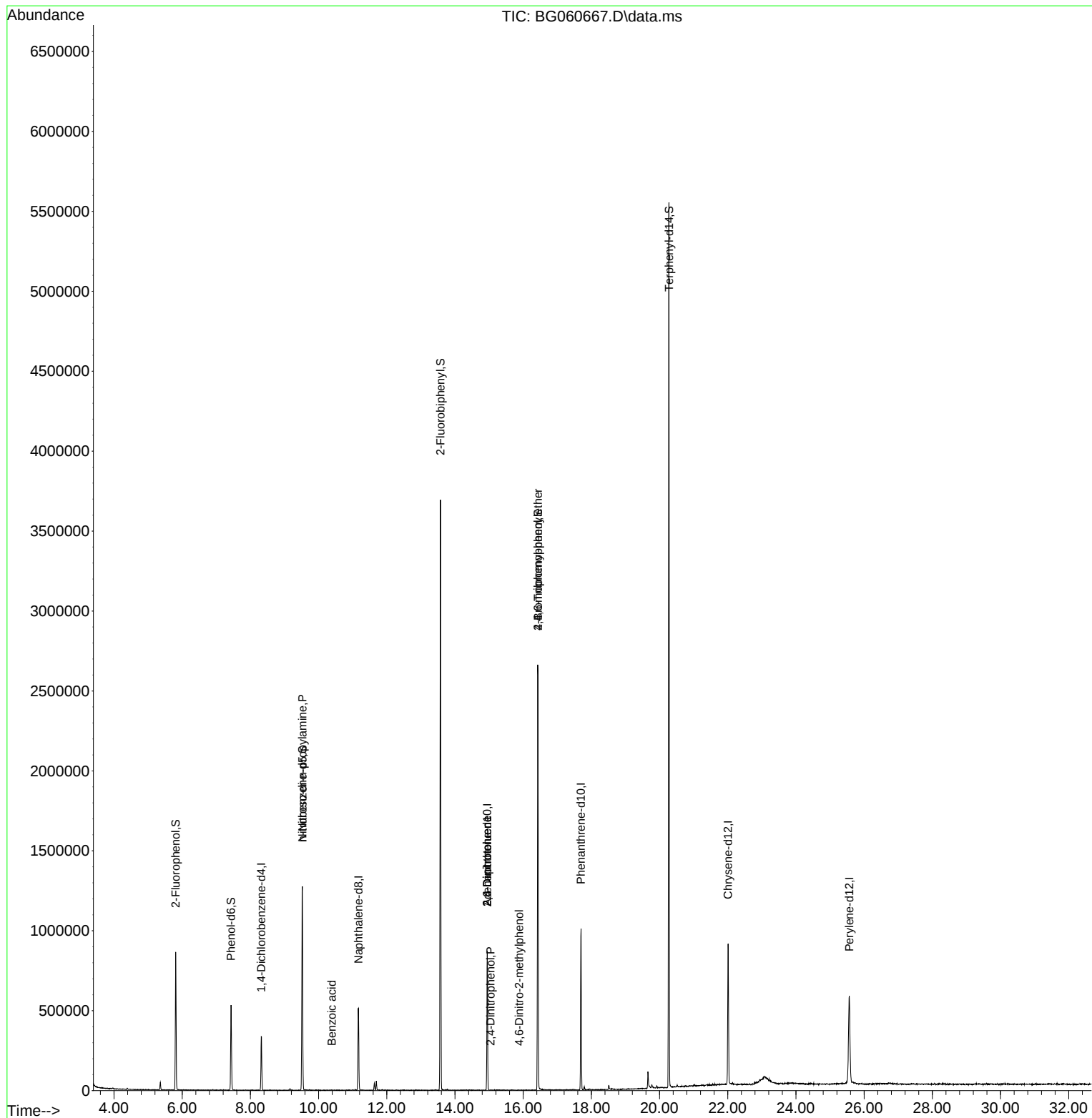
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.320	152	91556	20.000	ng	0.00
21) Naphthalene-d8	11.169	136	439105	20.000	ng	0.00
39) Acenaphthene-d10	14.947	164	300511	20.000	ng	0.00
64) Phenanthrene-d10	17.697	188	626641	20.000	ng	0.00
76) Chrysene-d12	22.010	240	545929	20.000	ng	-0.02
86) Perylene-d12	25.564	264	637360	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	348605	59.854	ng	0.00
7) Phenol-d6	7.433	99	303750	35.952	ng	0.00
23) Nitrobenzene-d5	9.524	82	762134	90.330	ng	0.00
42) 2,4,6-Tribromophenol	16.434	330	505114	145.052	ng	0.00
45) 2-Fluorobiphenyl	13.573	172	1834267	82.526	ng	0.00
79) Terphenyl-d14	20.276	244	2705573	89.580	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.524	70	98169	16.763	ng	# 75
32) Benzoic acid	10.388	122	96	6.038	ng	# 1
51) 2,6-Dinitrotoluene	14.947	165	37896	9.125	ng	# 17
54) 2,4-Dinitrophenol	15.041	184	56	6.868	ng	# 17
57) 2,4-Dinitrotoluene	14.947	165	37896	7.254	ng	# 16
65) 4,6-Dinitro-2-methylph...	15.882	198	74	4.838	ng	# 27
67) 4-Bromophenyl-phenylether	16.434	248	33489	4.956	ng	# 1

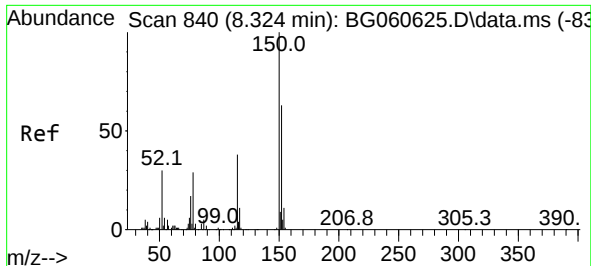
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031524\
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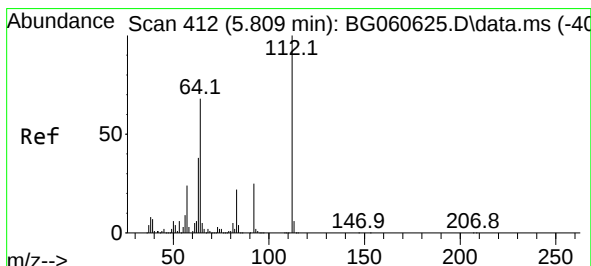
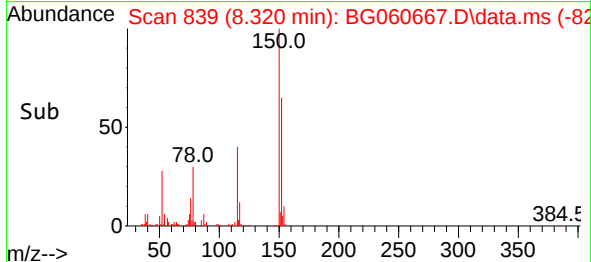
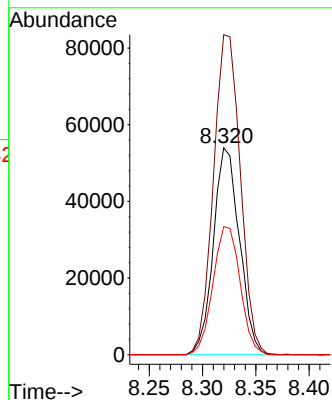
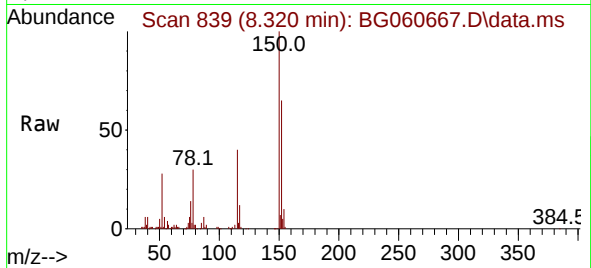




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.320 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060667.D
Acq: 15 Mar 2024 17:29

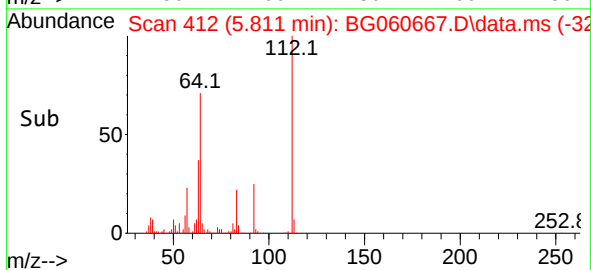
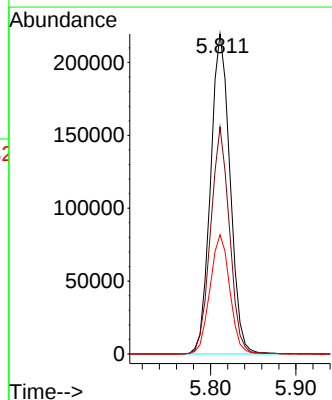
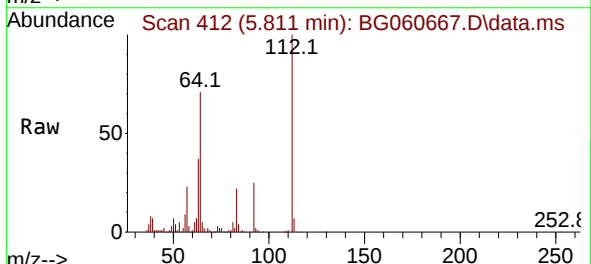
Instrument :
BNA_G
ClientSampleId :
FB-3-14-24

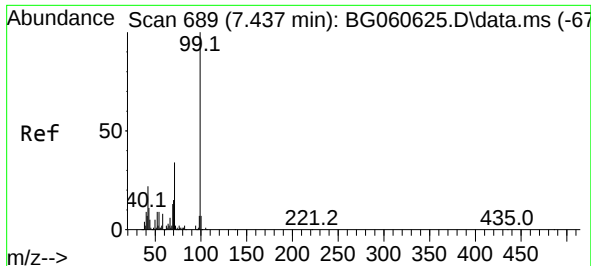
Tgt Ion:152 Resp: 91556
Ion Ratio Lower Upper
152 100
150 154.7 126.6 190.0
115 61.9 47.8 71.8



#5
2-Fluorophenol
Concen: 59.854 ng
RT: 5.811 min Scan# 412
Delta R.T. 0.002 min
Lab File: BG060667.D
Acq: 15 Mar 2024 17:29

Tgt Ion:112 Resp: 348605
Ion Ratio Lower Upper
112 100
64 70.9 54.1 81.1
63 37.3 30.3 45.5

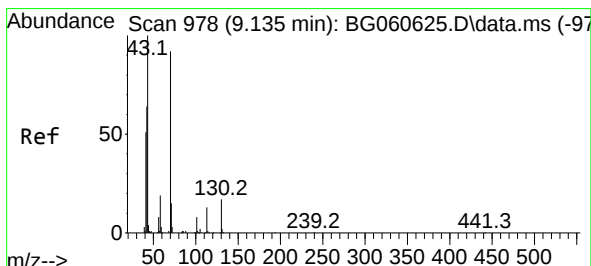
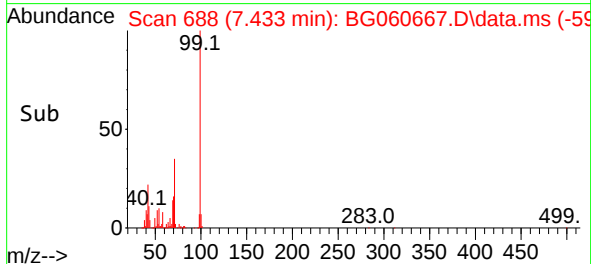
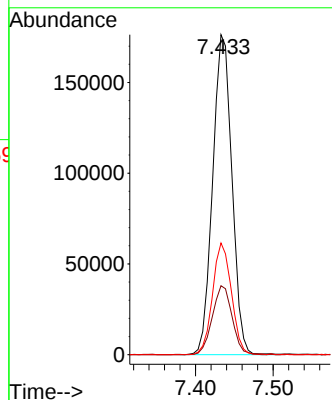
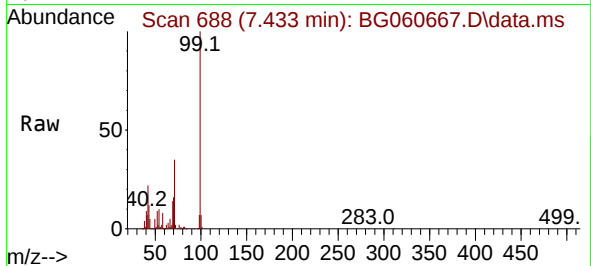




#7
Phenol-d6
Concen: 35.952 ng
RT: 7.433 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060667.D
Acq: 15 Mar 2024 17:29

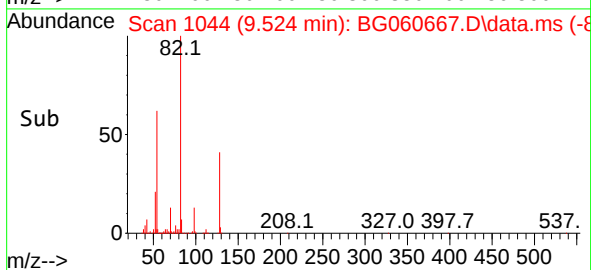
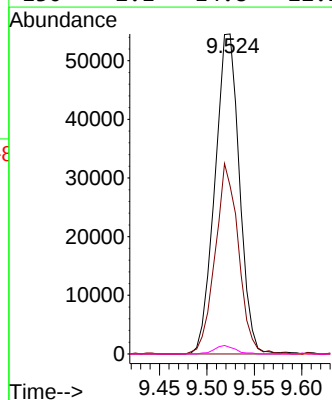
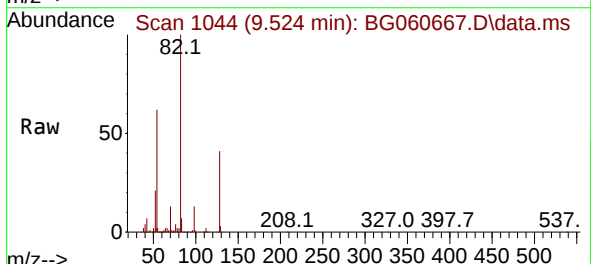
Instrument :
BNA_G
ClientSampleId :
FB-3-14-24

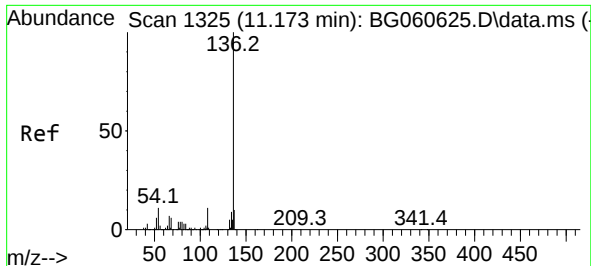
Tgt Ion: 99 Resp: 303750
Ion Ratio Lower Upper
99 100
42 21.6 17.5 26.3
71 34.9 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.763 ng
RT: 9.524 min Scan# 1044
Delta R.T. 0.390 min
Lab File: BG060667.D
Acq: 15 Mar 2024 17:29

Tgt Ion: 70 Resp: 98169
Ion Ratio Lower Upper
70 100
42 52.4 56.2 84.2#
101 0.0 7.4 11.0#
130 2.1 14.8 22.2#

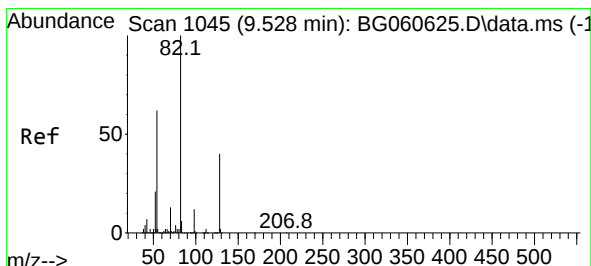
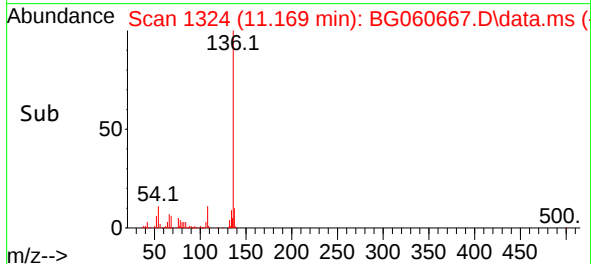
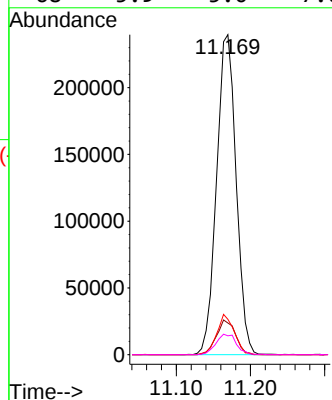
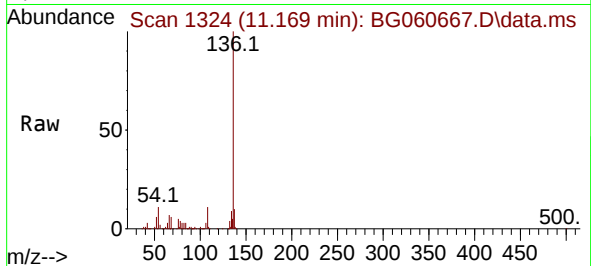




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.169 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG060667.D
Acq: 15 Mar 2024 17:29

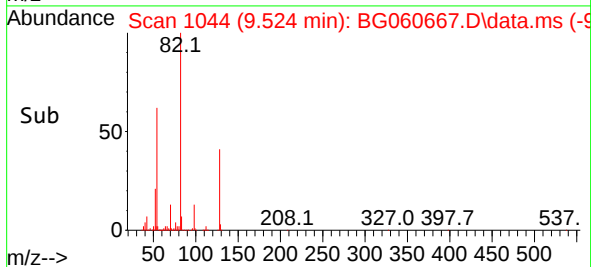
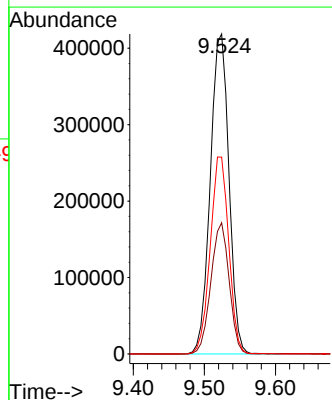
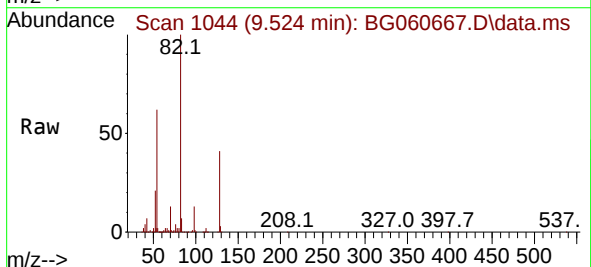
Instrument :
BNA_G
ClientSampleId :
FB-3-14-24

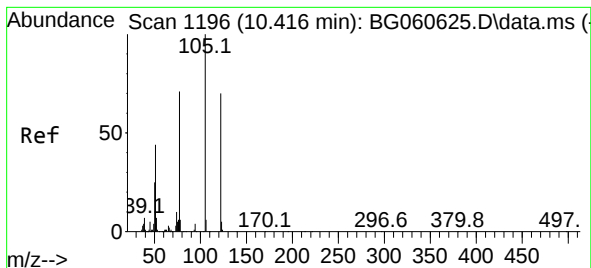
Tgt Ion:136 Resp: 439105
Ion Ratio Lower Upper
136 100
137 9.9 8.4 12.6
54 11.0 8.5 12.7
68 5.9 5.0 7.6



#23
Nitrobenzene-d5
Concen: 90.330 ng
RT: 9.524 min Scan# 1044
Delta R.T. -0.004 min
Lab File: BG060667.D
Acq: 15 Mar 2024 17:29

Tgt Ion: 82 Resp: 762134
Ion Ratio Lower Upper
82 100
128 41.0 31.6 47.4
54 61.5 49.3 73.9

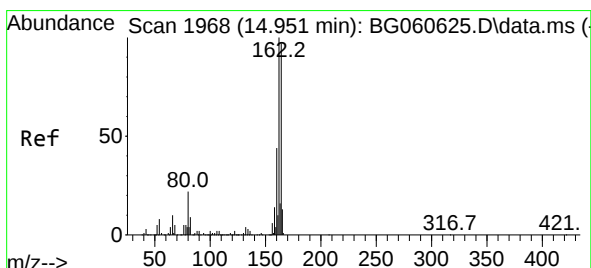
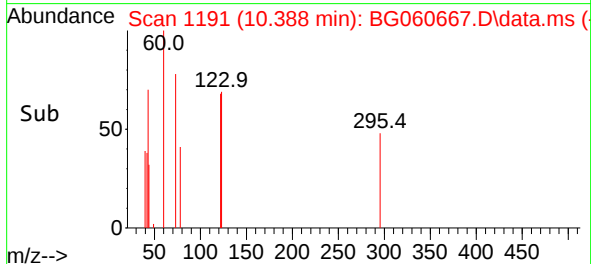
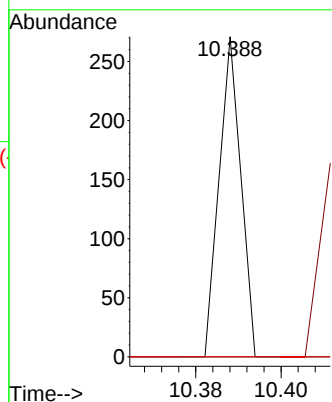
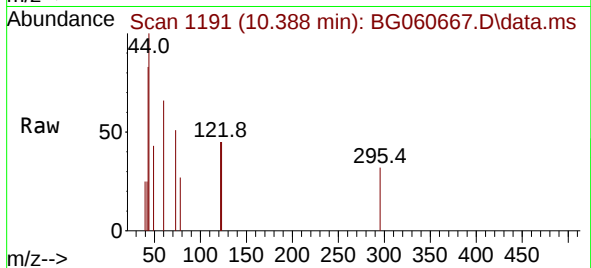




#32
Benzoic acid
Concen: 6.038 ng
RT: 10.388 min Scan# 1191
Delta R.T. -0.028 min
Lab File: BG060667.D
Acq: 15 Mar 2024 17:29

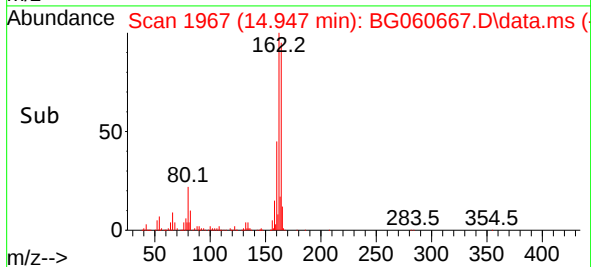
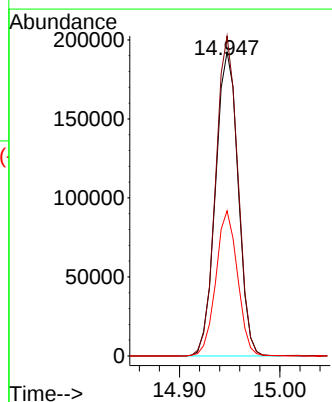
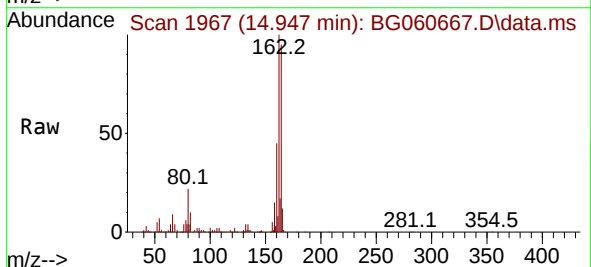
Instrument :
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ClientSampleId :
FB-3-14-24

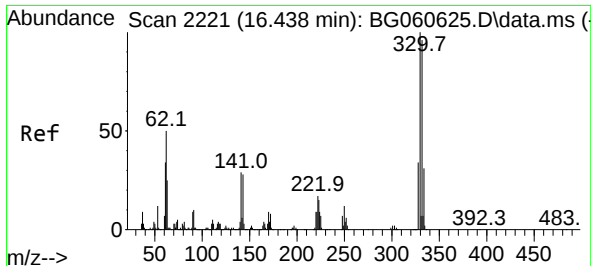
Tgt Ion:122 Resp: 96
Ion Ratio Lower Upper
122 100
105 0.0 115.0 155.0#
77 0.0 79.0 119.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.947 min Scan# 1967
Delta R.T. -0.004 min
Lab File: BG060667.D
Acq: 15 Mar 2024 17:29

Tgt Ion:164 Resp: 300511
Ion Ratio Lower Upper
164 100
162 105.3 82.5 123.7
160 47.8 36.4 54.6

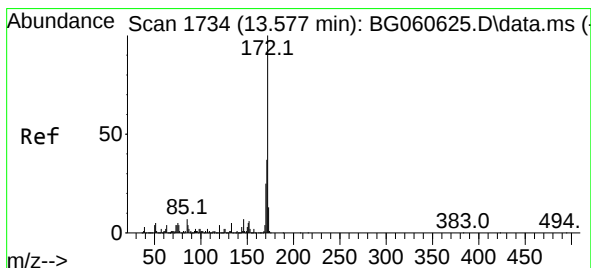
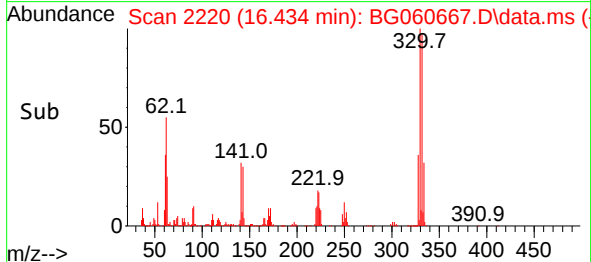
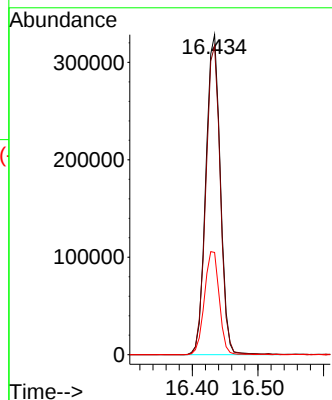
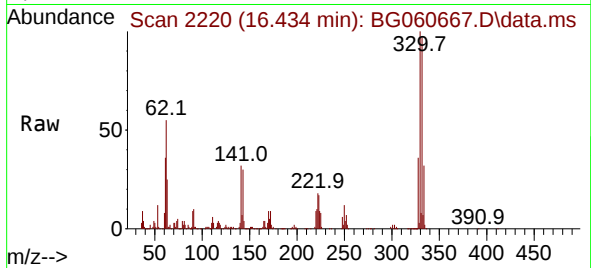




#42
2,4,6-Tribromophenol
Concen: 145.052 ng
RT: 16.434 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060667.D
Acq: 15 Mar 2024 17:29

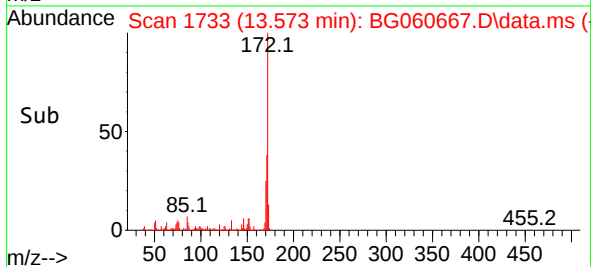
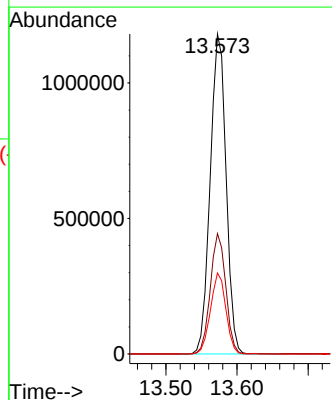
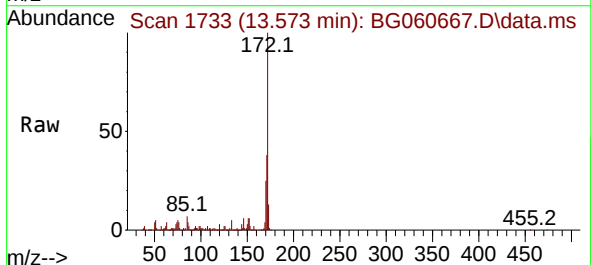
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BNA_G
ClientSampleId :
FB-3-14-24

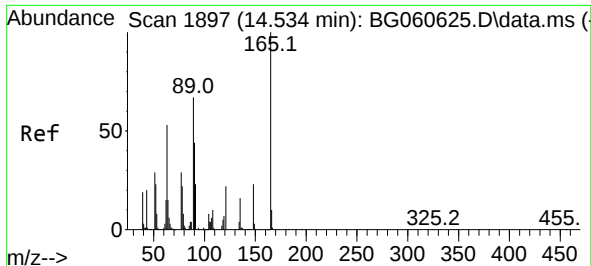
Tgt Ion:330 Resp: 505114
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 33.0 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 82.526 ng
RT: 13.573 min Scan# 1733
Delta R.T. -0.004 min
Lab File: BG060667.D
Acq: 15 Mar 2024 17:29

Tgt Ion:172 Resp: 1834267
Ion Ratio Lower Upper
172 100
171 37.6 29.9 44.9
170 25.3 19.8 29.6

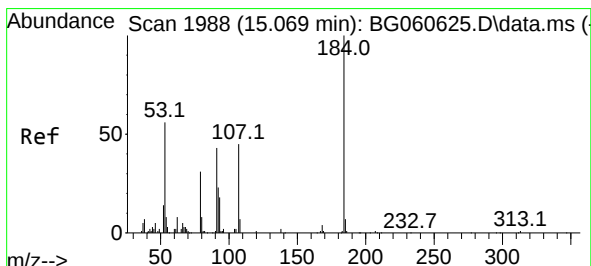
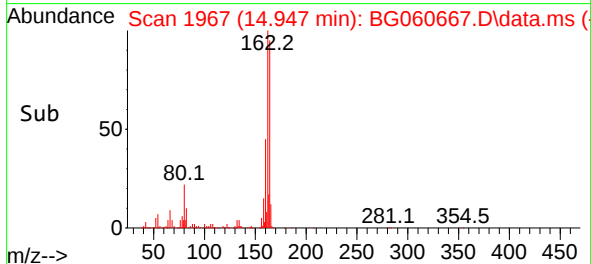
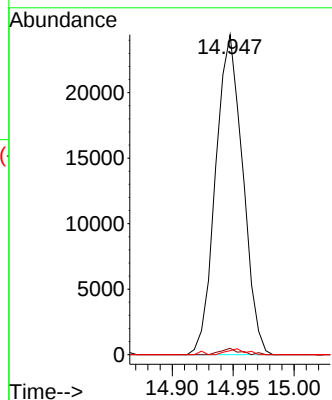
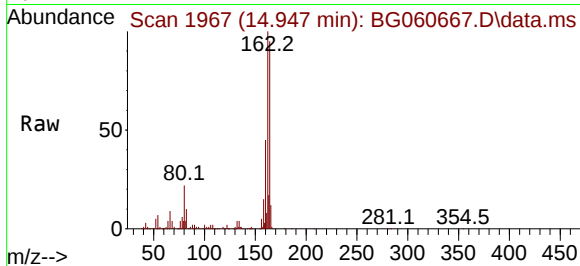




#51
2,6-Dinitrotoluene
Concen: 9.125 ng
RT: 14.947 min Scan# 1967
Delta R.T. 0.413 min
Lab File: BG060667.D
Acq: 15 Mar 2024 17:29

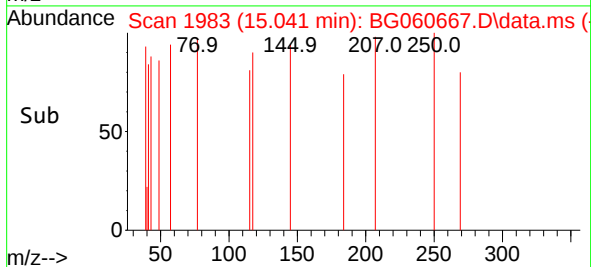
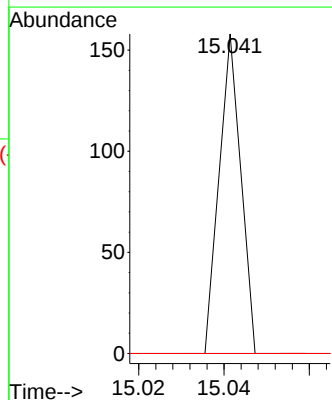
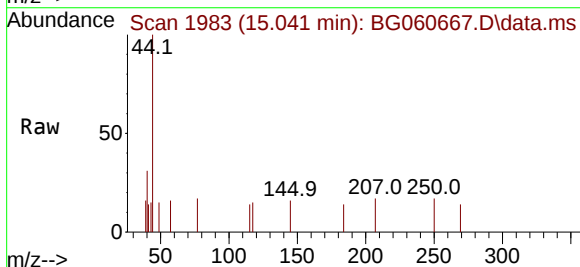
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FB-3-14-24

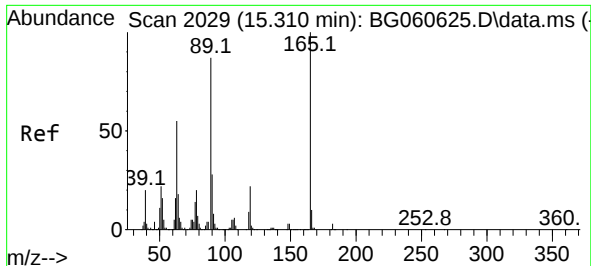
Tgt Ion:165 Resp: 37896
Ion Ratio Lower Upper
165 100
63 2.0 55.8 83.6#
89 1.2 54.1 81.1#



#54
2,4-Dinitrophenol
Concen: 6.868 ng
RT: 15.041 min Scan# 1983
Delta R.T. -0.028 min
Lab File: BG060667.D
Acq: 15 Mar 2024 17:29

Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 0.0 54.4 81.6#
154 0.0 50.4 75.6#

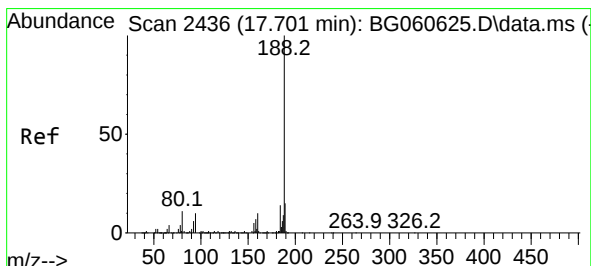
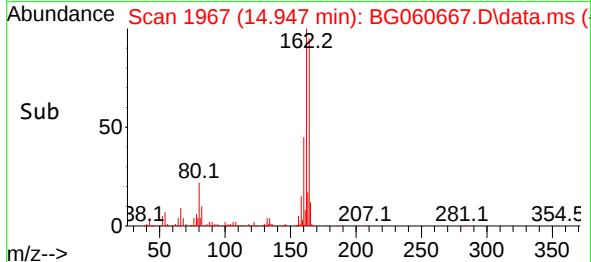
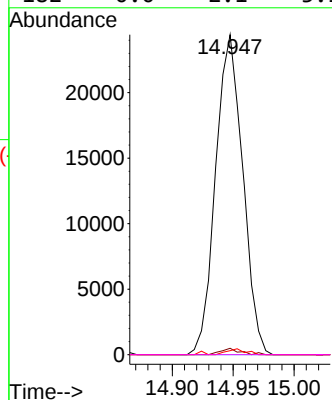
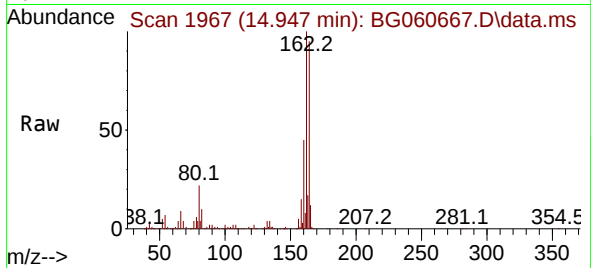




#57
2,4-Dinitrotoluene
Concen: 7.254 ng
RT: 14.947 min Scan# 1967
Delta R.T. -0.362 min
Lab File: BG060667.D
Acq: 15 Mar 2024 17:29

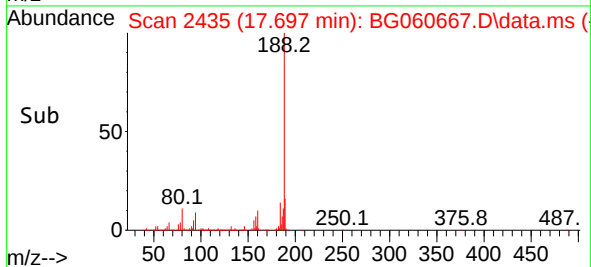
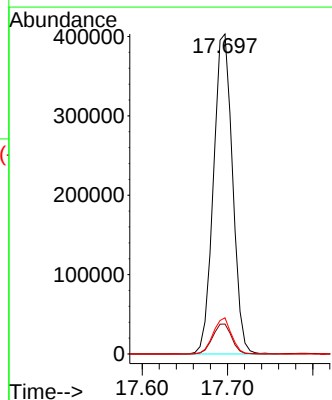
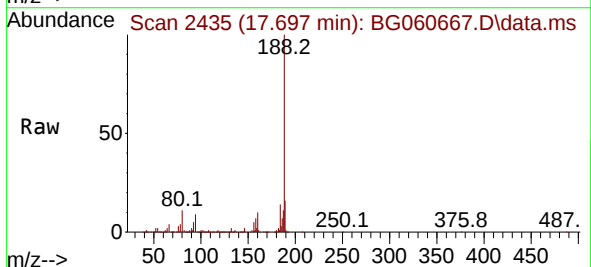
Instrument :
BNA_G
ClientSampleId :
FB-3-14-24

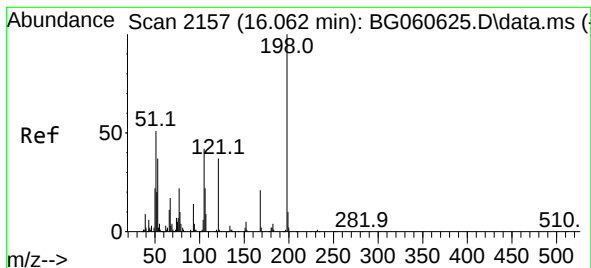
Tgt Ion:165 Resp: 37896
Ion Ratio Lower Upper
165 100
63 2.0 44.1 66.1#
89 1.2 69.7 104.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.697 min Scan# 2435
Delta R.T. -0.004 min
Lab File: BG060667.D
Acq: 15 Mar 2024 17:29

Tgt Ion:188 Resp: 626641
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 11.3 8.6 13.0

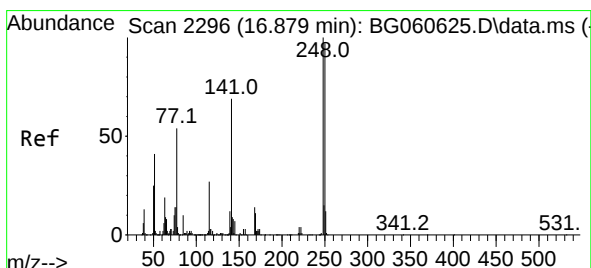
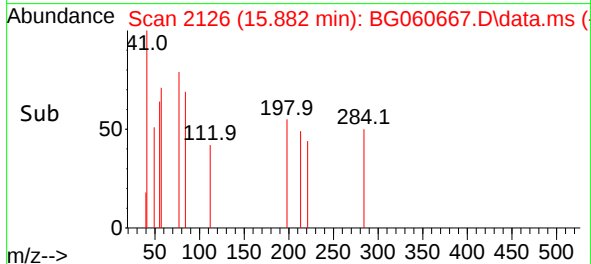
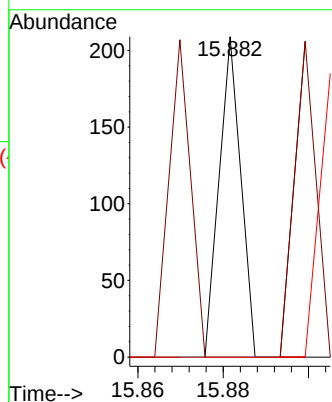
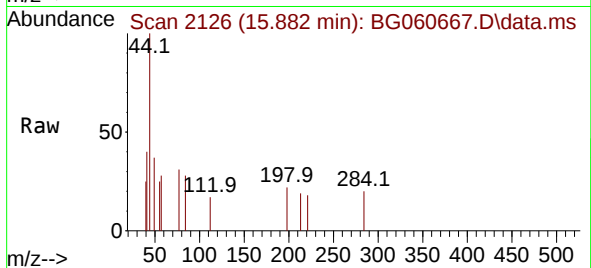




#65
4,6-Dinitro-2-methylphenol
Concen: 4.838 ng
RT: 15.882 min Scan# 2157
Delta R.T. -0.180 min
Lab File: BG060667.D
Acq: 15 Mar 2024 17:29

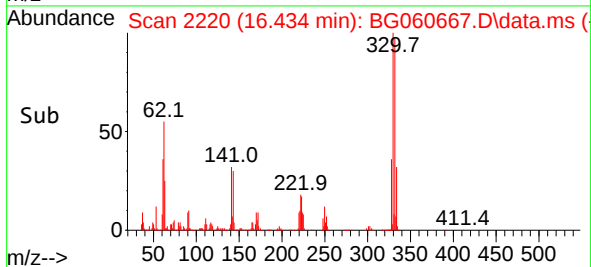
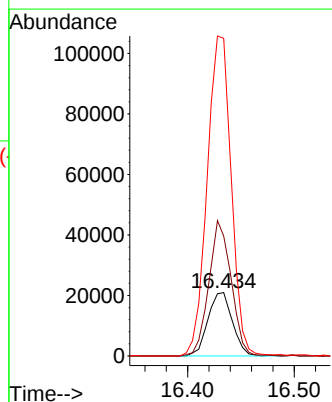
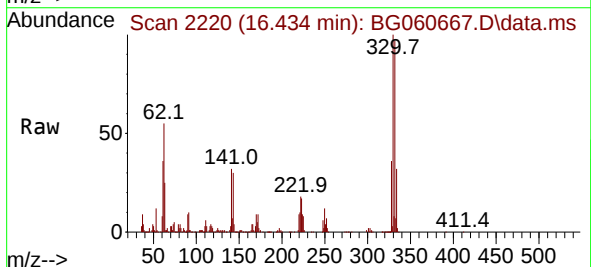
Instrument :
BNA_G
ClientSampleId :
FB-3-14-24

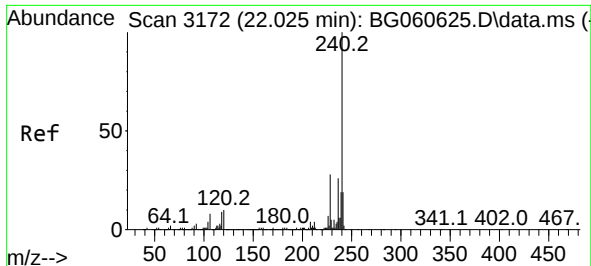
Tgt Ion:198 Resp: 74
Ion Ratio Lower Upper
198 100
51 0.0 36.9 76.9#
105 0.0 22.4 62.4#



#67
4-Bromophenyl-phenylether
Concen: 4.956 ng
RT: 16.434 min Scan# 2220
Delta R.T. -0.445 min
Lab File: BG060667.D
Acq: 15 Mar 2024 17:29

Tgt Ion:248 Resp: 33489
Ion Ratio Lower Upper
248 100
250 189.2 77.8 116.6#
141 501.4 55.1 82.7#

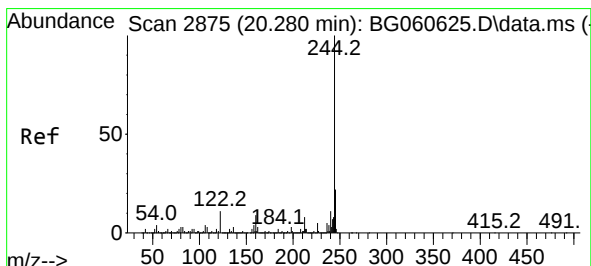
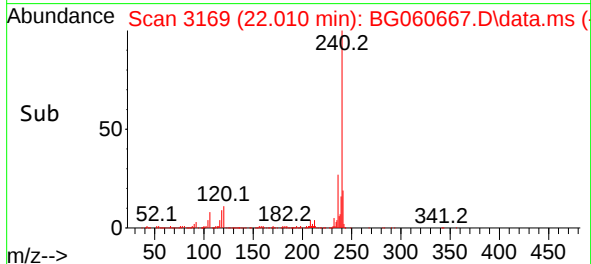
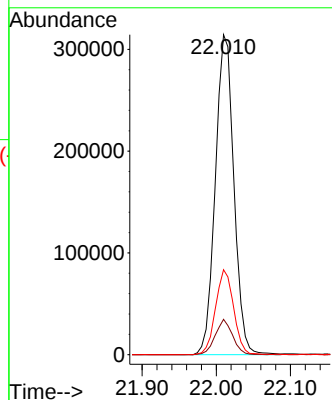
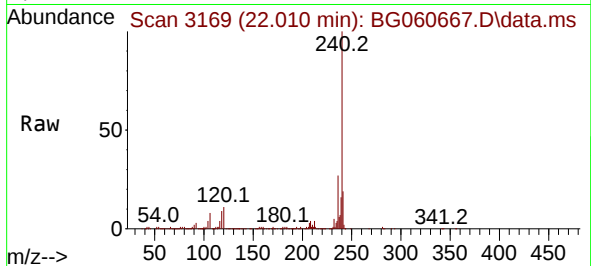




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.010 min Scan# 3172
Delta R.T. -0.016 min
Lab File: BG060667.D
Acq: 15 Mar 2024 17:29

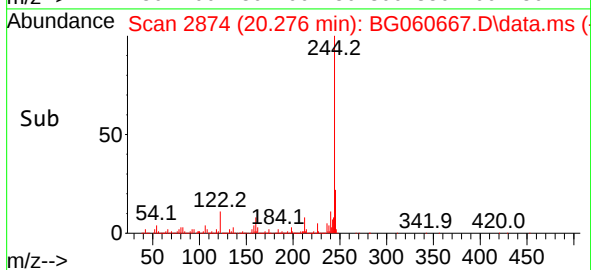
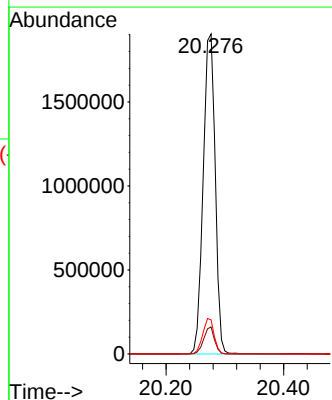
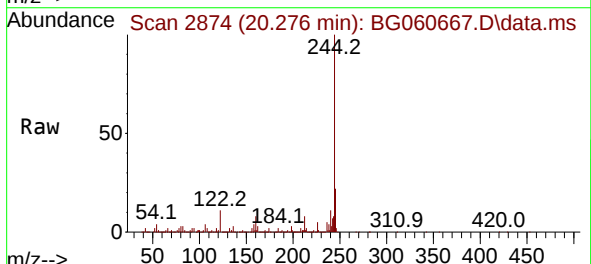
Instrument :
BNA_G
ClientSampleId :
FB-3-14-24

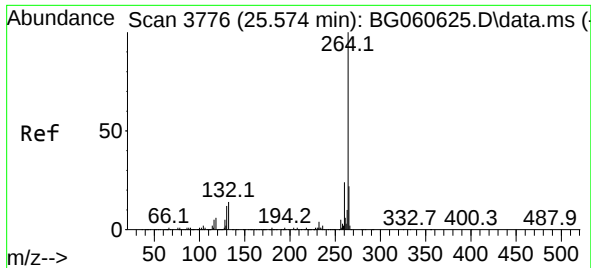
Tgt Ion:240 Resp: 545929
Ion Ratio Lower Upper
240 100
120 11.1 7.8 11.8
236 26.5 20.6 31.0



#79
Terphenyl-d14
Concen: 89.580 ng
RT: 20.276 min Scan# 2874
Delta R.T. -0.004 min
Lab File: BG060667.D
Acq: 15 Mar 2024 17:29

Tgt Ion:244 Resp: 2705573
Ion Ratio Lower Upper
244 100
212 8.5 6.6 9.8
122 10.6 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.564 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG060667.D
Acq: 15 Mar 2024 17:29

Instrument :
BNA_G
ClientSampleId :
FB-3-14-24

Tgt Ion:264 Resp: 637360

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.2
265	21.0	18.1	27.1

