

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040524\
 Data File : BG060800.D
 Acq On : 5 Apr 2024 17:45
 Operator : MA/JU
 Sample : P1996-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP2

Quant Time: Apr 05 18:17:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

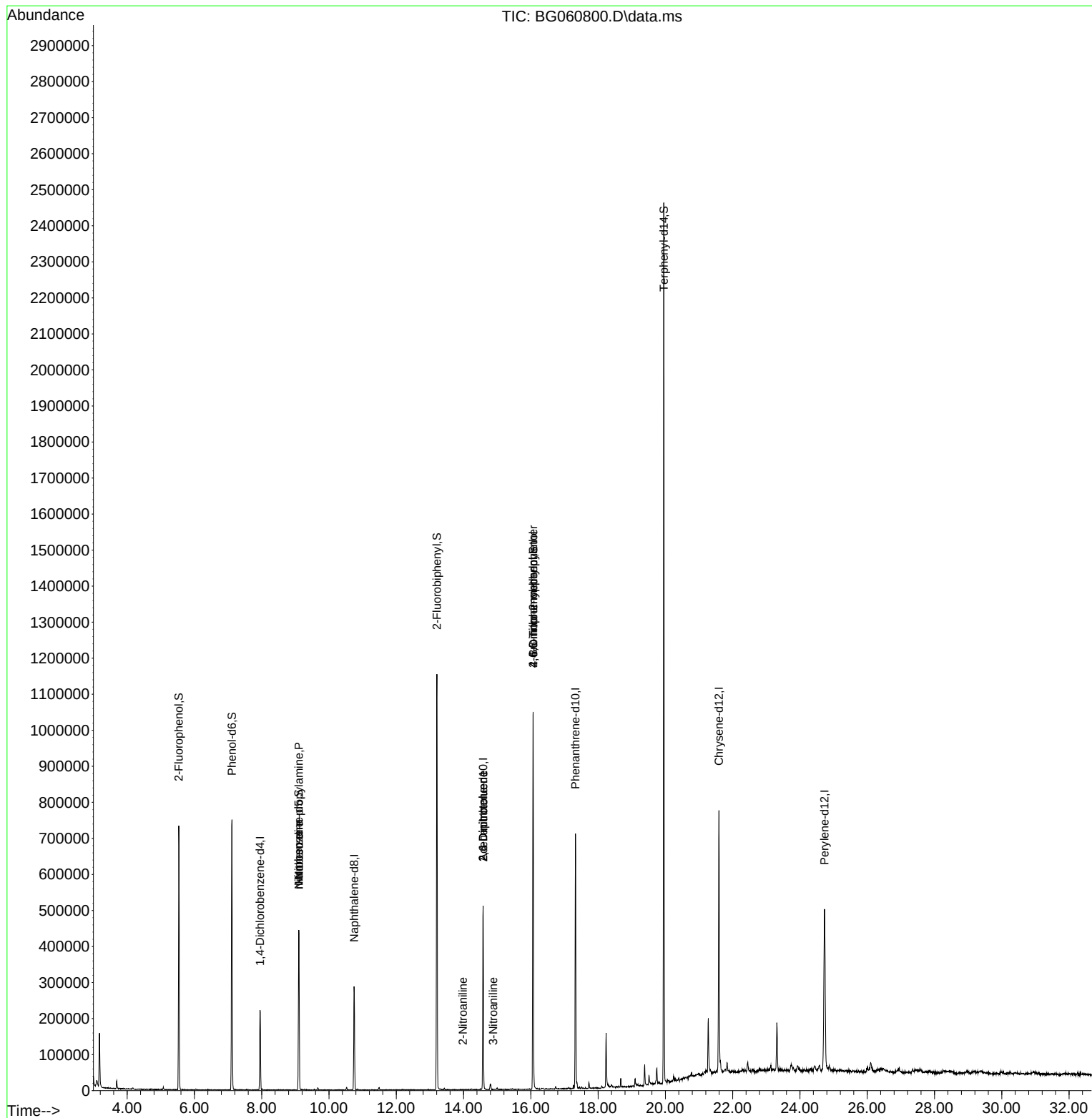
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	60533	20.000	ng	-0.01
21) Naphthalene-d8	10.746	136	231866	20.000	ng	-0.01
39) Acenaphthene-d10	14.583	164	180095	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	443642	20.000	ng	-0.01
76) Chrysene-d12	21.592	240	421608	20.000	ng	-0.01
86) Perylene-d12	24.730	264	495721	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	282636	77.782	ng	0.00
7) Phenol-d6	7.115	99	381435	70.718	ng	0.00
23) Nitrobenzene-d5	9.101	82	247542	60.919	ng	-0.01
42) 2,4,6-Tribromophenol	16.070	330	216971	106.131	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	619070	50.449	ng	-0.01
79) Terphenyl-d14	19.953	244	1241697	51.859	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.107	70	34544	8.398	ng	# 73
24) Nitrobenzene	9.107	77	1073	2.996	ng	# 42
48) 2-Nitroaniline	13.978	65	61	2.811	ng	# 11
51) 2,6-Dinitrotoluene	14.583	165	23058	11.882	ng	# 19
53) 3-Nitroaniline	14.883	138	55	2.870	ng	# 1
57) 2,4-Dinitrotoluene	14.583	165	23058	10.005	ng	# 20
65) 4,6-Dinitro-2-methylph...	16.070	198	546	7.288	ng	# 1
67) 4-Bromophenyl-phenylether	16.070	248	15671	3.481	ng	# 1

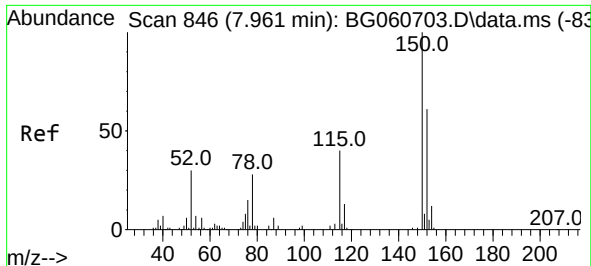
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 14 Sample Multiplier: 1

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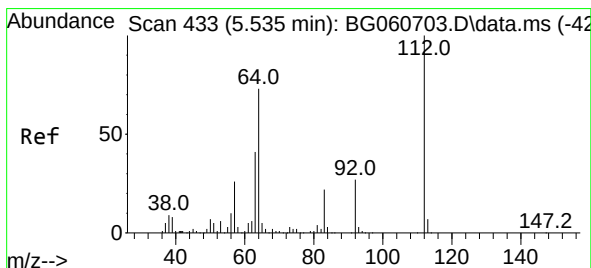
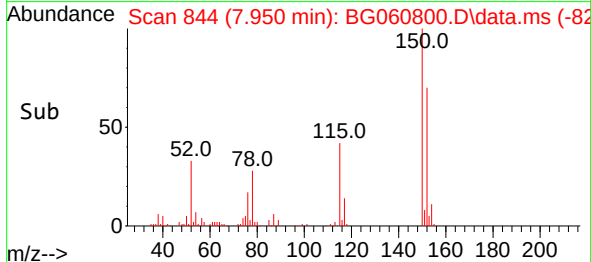
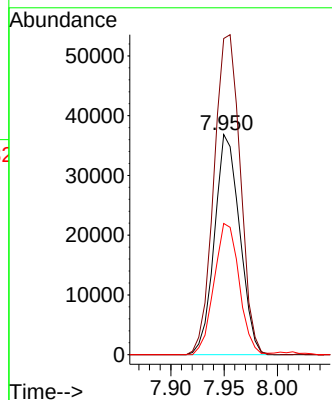
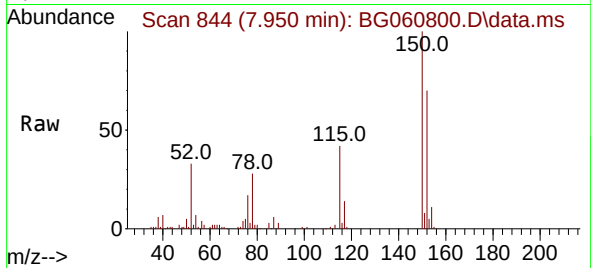




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.950 min Scan# 846
Delta R.T. -0.011 min
Lab File: BG060800.D
Acq: 5 Apr 2024 17:45

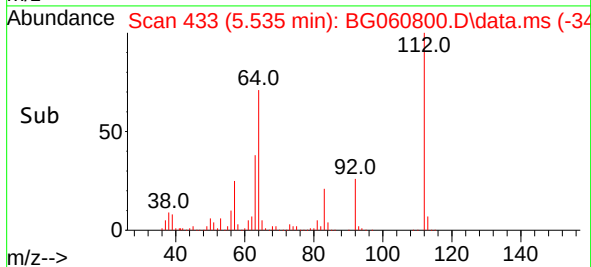
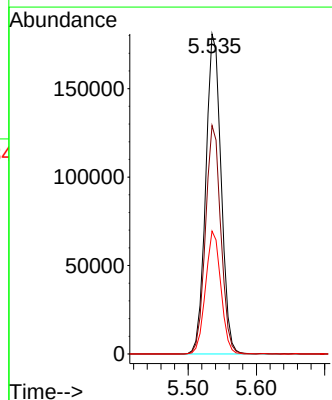
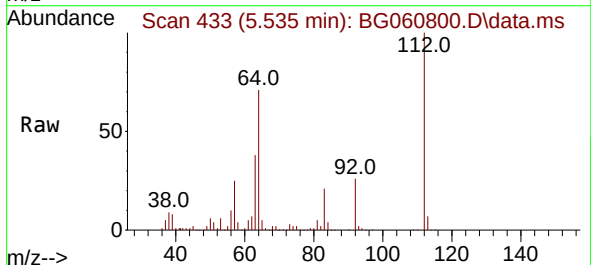
Instrument :
BNA_G
ClientSampleId :
TP2

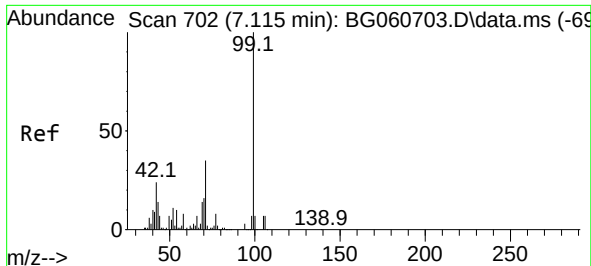
Tgt Ion:152 Resp: 60533
Ion Ratio Lower Upper
152 100
150 143.7 130.2 195.4
115 59.6 51.6 77.4



#5
2-Fluorophenol
Concen: 77.782 ng
RT: 5.535 min Scan# 433
Delta R.T. -0.000 min
Lab File: BG060800.D
Acq: 5 Apr 2024 17:45

Tgt Ion:112 Resp: 282636
Ion Ratio Lower Upper
112 100
64 71.4 58.4 87.6
63 38.4 32.7 49.1

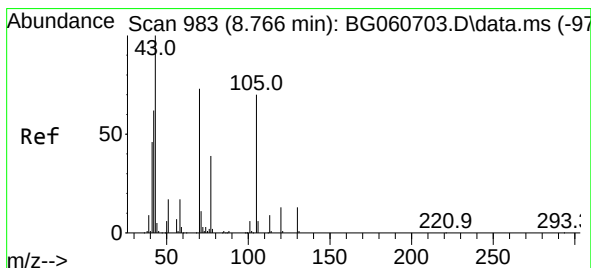
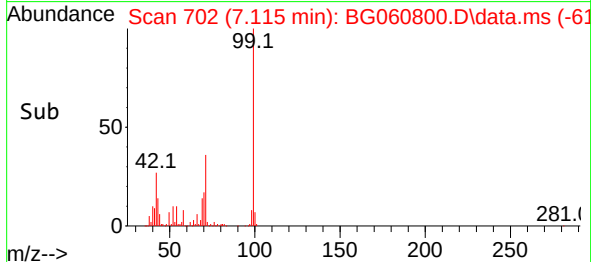
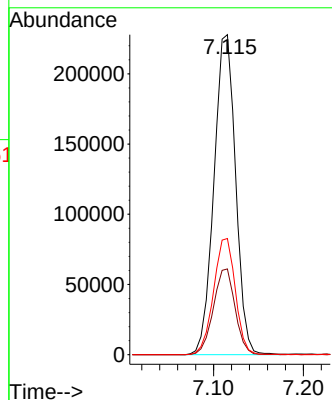
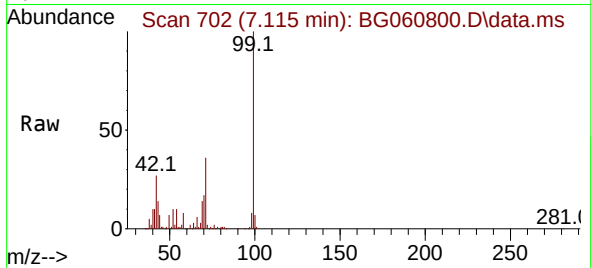




#7
Phenol-d6
Concen: 70.718 ng
RT: 7.115 min Scan# 70
Delta R.T. -0.000 min
Lab File: BG060800.D
Acq: 5 Apr 2024 17:45

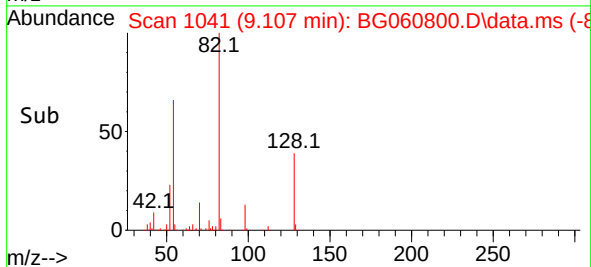
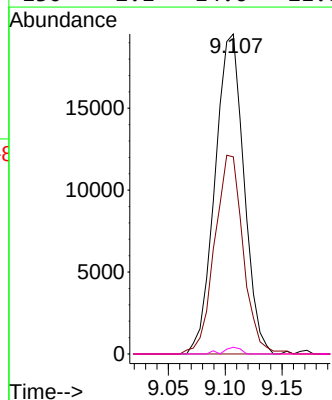
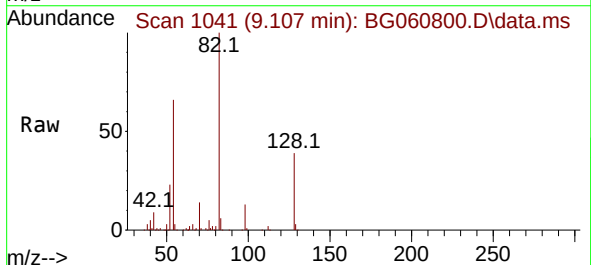
Instrument :
BNA_G
ClientSampleId :
TP2

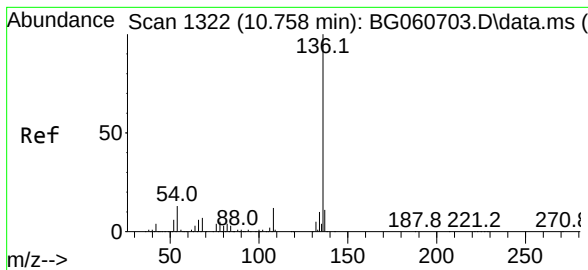
Tgt Ion: 99 Resp: 381435
Ion Ratio Lower Upper
99 100
42 26.8 19.4 29.2
71 36.3 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 8.398 ng
RT: 9.107 min Scan# 1041
Delta R.T. 0.341 min
Lab File: BG060800.D
Acq: 5 Apr 2024 17:45

Tgt Ion: 70 Resp: 34544
Ion Ratio Lower Upper
70 100
42 61.6 68.4 102.6#
101 0.0 6.1 9.1#
130 2.1 14.6 21.8#



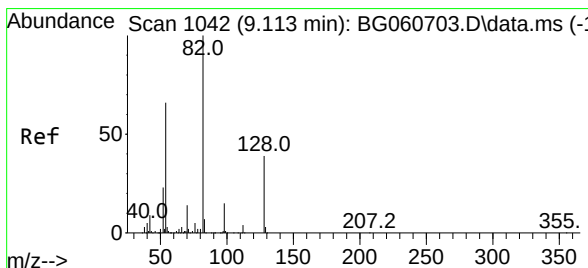
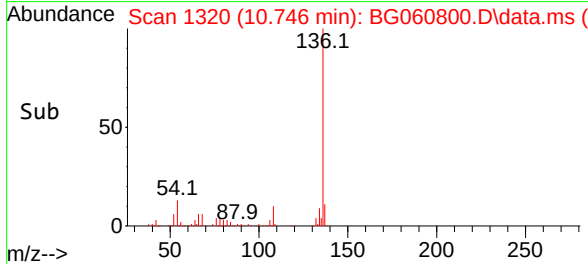
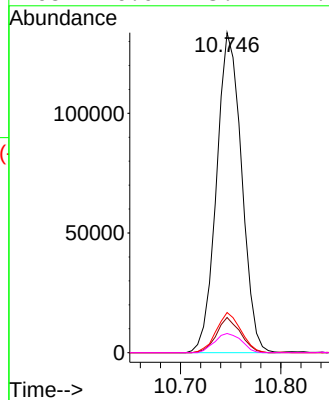
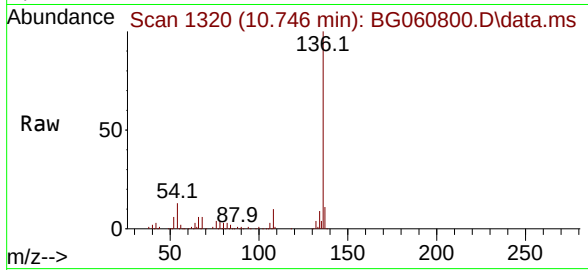


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG060800.D
Acq: 5 Apr 2024 17:45

Instrument :
BNA_G
ClientSampleId :
TP2

Tgt Ion:136 Resp: 231866

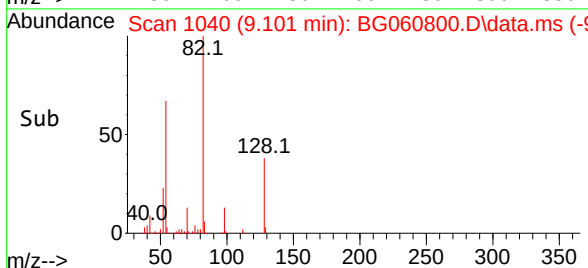
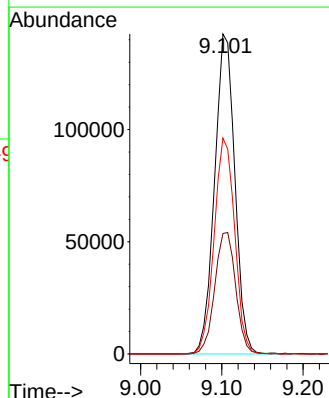
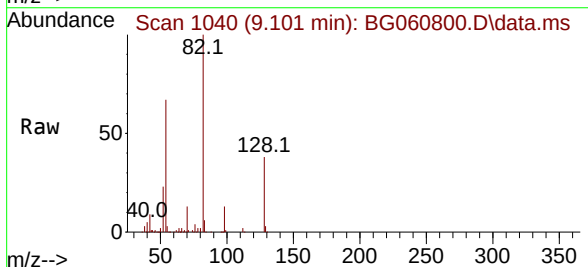
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	12.5	10.2	15.2
68	6.0	5.2	7.8

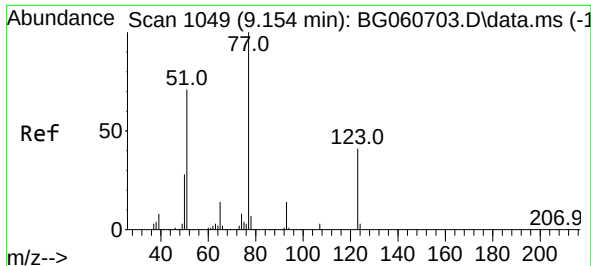


#23
Nitrobenzene-d5
Concen: 60.919 ng
RT: 9.101 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BG060800.D
Acq: 5 Apr 2024 17:45

Tgt Ion: 82 Resp: 247542

Ion	Ratio	Lower	Upper
82	100		
128	37.6	31.2	46.8
54	67.5	53.2	79.8

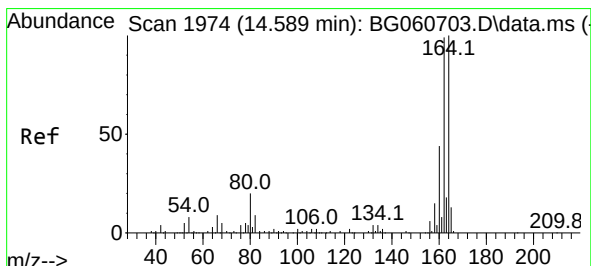
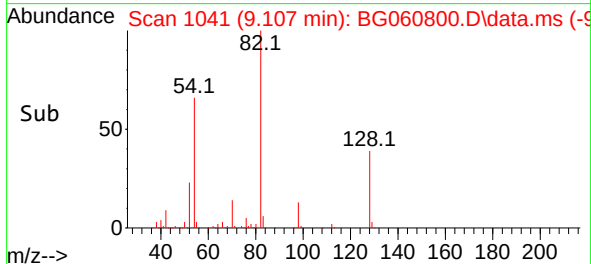
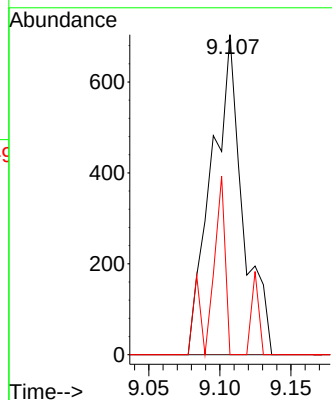
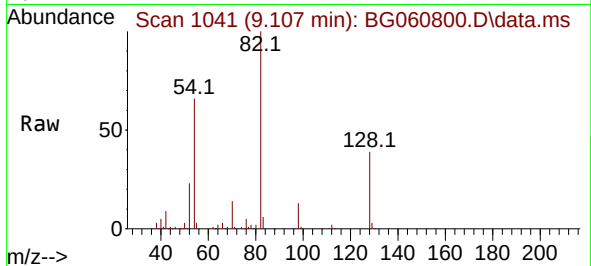




#24
 Nitrobenzene
 Concen: 2.996 ng
 RT: 9.107 min Scan# 1041
 Delta R.T. -0.047 min
 Lab File: BG060800.D
 Acq: 5 Apr 2024 17:45

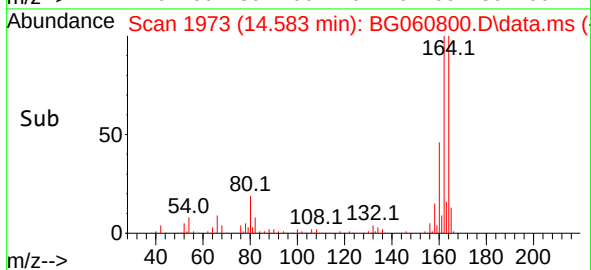
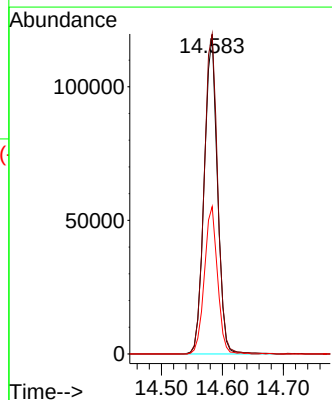
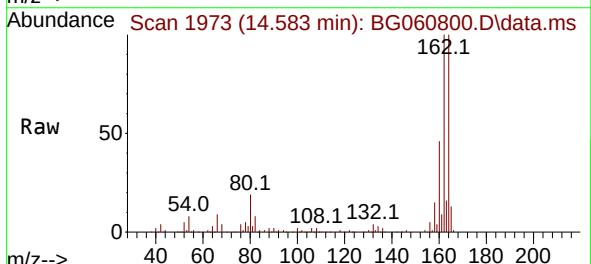
Instrument :
 BNA_G
 ClientSampleId :
 TP2

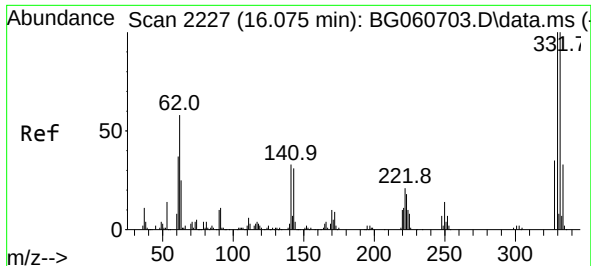
Tgt Ion: 77 Resp: 1073
 Ion Ratio Lower Upper
 77 100
 123 0.0 32.7 49.1#
 65 0.0 11.3 16.9#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.583 min Scan# 1973
 Delta R.T. -0.006 min
 Lab File: BG060800.D
 Acq: 5 Apr 2024 17:45

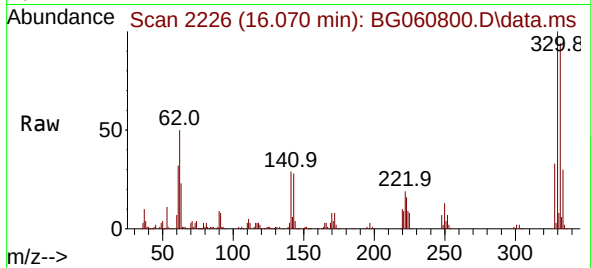
Tgt Ion: 164 Resp: 180095
 Ion Ratio Lower Upper
 164 100
 162 100.3 79.5 119.3
 160 46.2 35.4 53.0



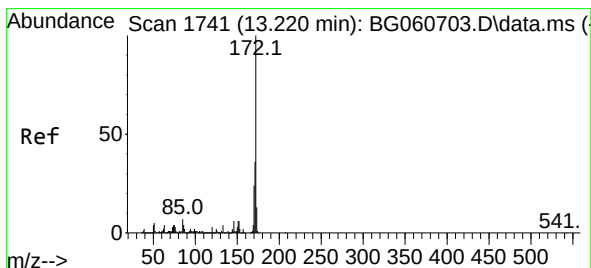
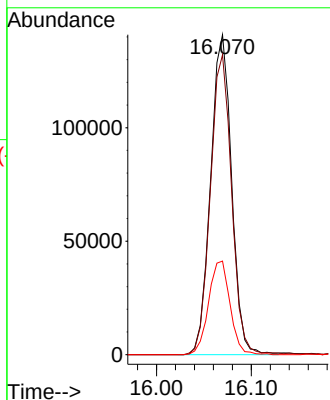
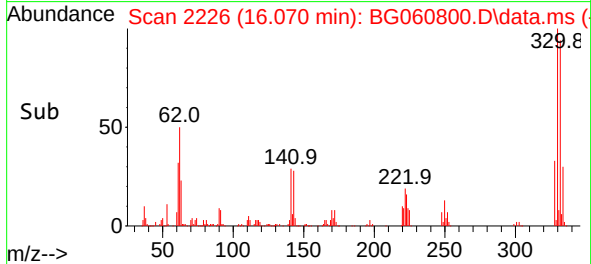


#42
2,4,6-Tribromophenol
Concen: 106.131 ng
RT: 16.070 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060800.D
Acq: 5 Apr 2024 17:45

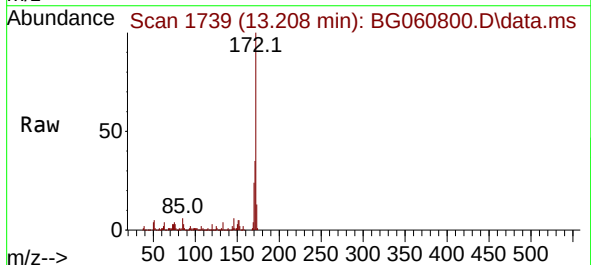
Instrument :
BNA_G
ClientSampleId :
TP2



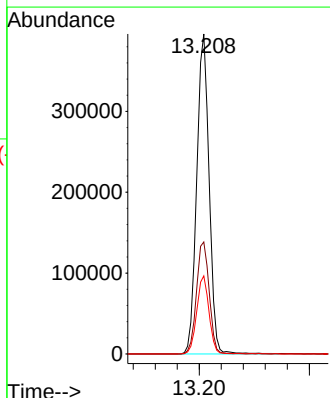
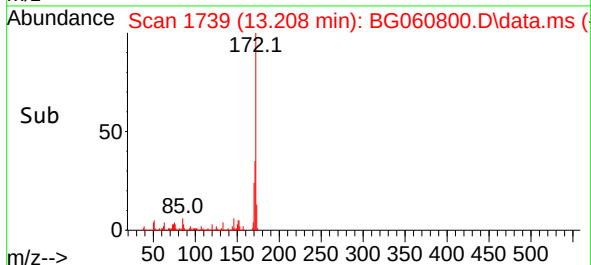
Tgt Ion:330 Resp: 216971
Ion Ratio Lower Upper
330 100
332 95.0 78.2 117.4
141 29.9 27.0 40.6

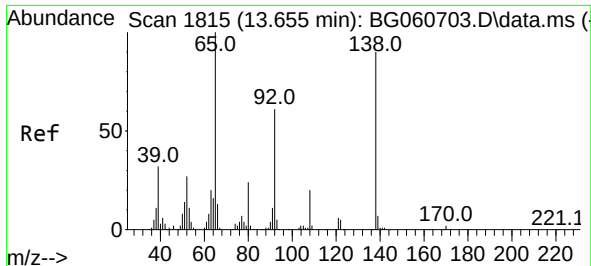


#45
2-Fluorobiphenyl
Concen: 50.449 ng
RT: 13.208 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BG060800.D
Acq: 5 Apr 2024 17:45



Tgt Ion:172 Resp: 619070
Ion Ratio Lower Upper
172 100
171 35.0 28.7 43.1
170 24.4 19.4 29.0

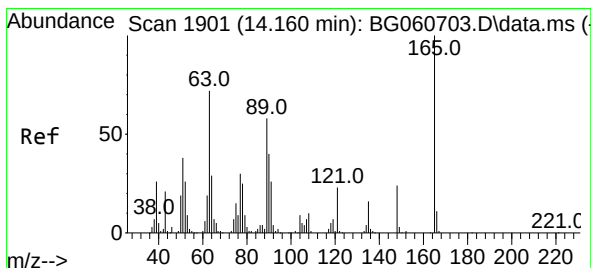
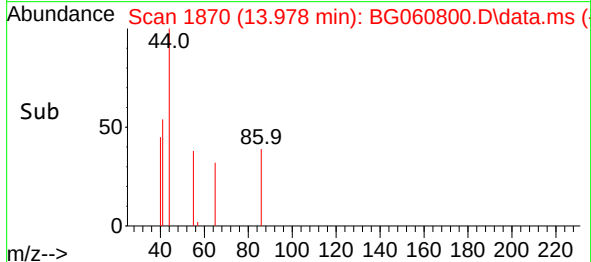
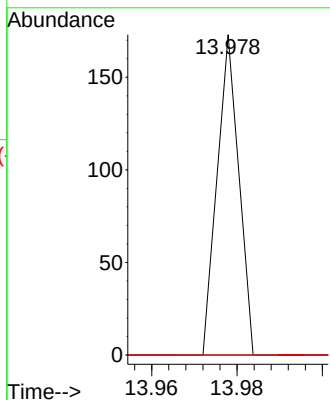
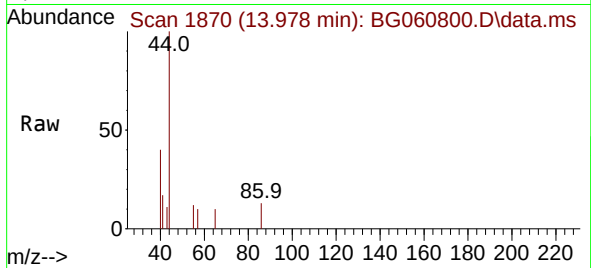




#48
2-Nitroaniline
Concen: 2.811 ng
RT: 13.978 min Scan# 11
Delta R.T. 0.323 min
Lab File: BG060800.D
Acq: 5 Apr 2024 17:45

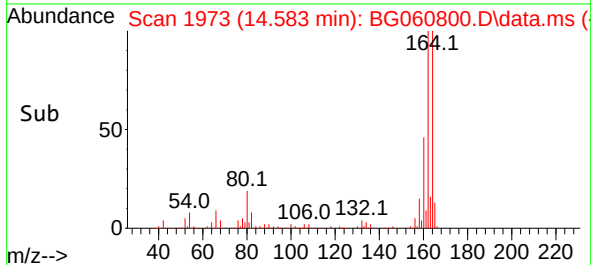
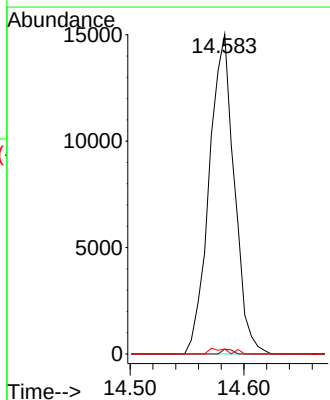
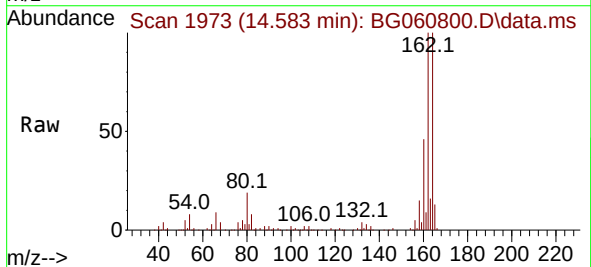
Instrument :
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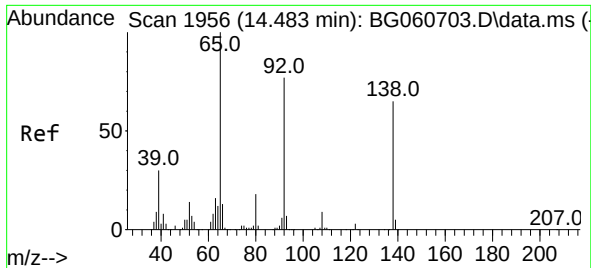
Tgt Ion: 65 Resp: 61
Ion Ratio Lower Upper
65 100
92 0.0 48.6 72.8#
138 0.0 72.2 108.4#



#51
2,6-Dinitrotoluene
Concen: 11.882 ng
RT: 14.583 min Scan# 1973
Delta R.T. 0.423 min
Lab File: BG060800.D
Acq: 5 Apr 2024 17:45

Tgt Ion:165 Resp: 23058
Ion Ratio Lower Upper
165 100
63 1.5 58.2 87.4#
89 1.6 46.1 69.1#

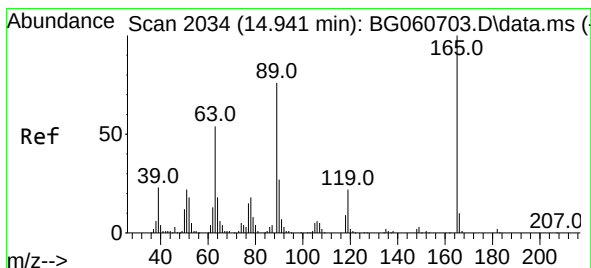
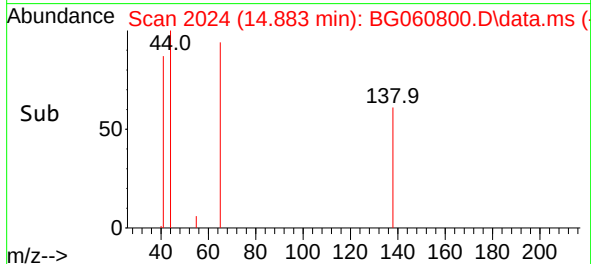
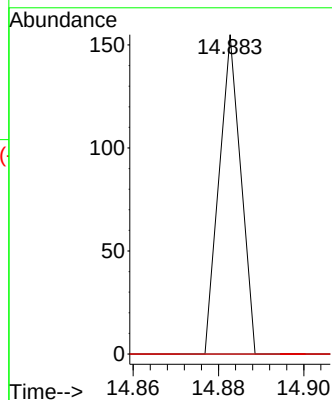
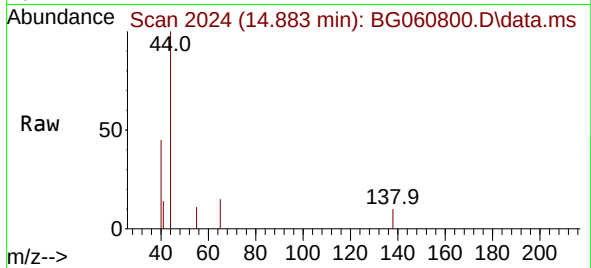




#53
3-Nitroaniline
Concen: 2.870 ng
RT: 14.883 min Scan# 20
Delta R.T. 0.400 min
Lab File: BG060800.D
Acq: 5 Apr 2024 17:45

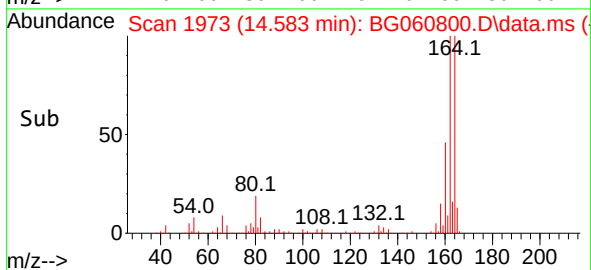
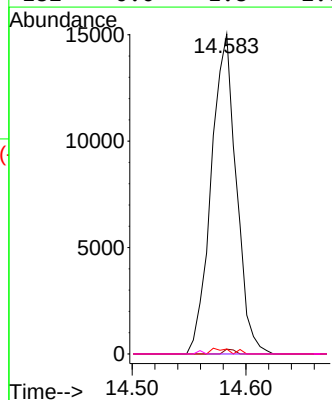
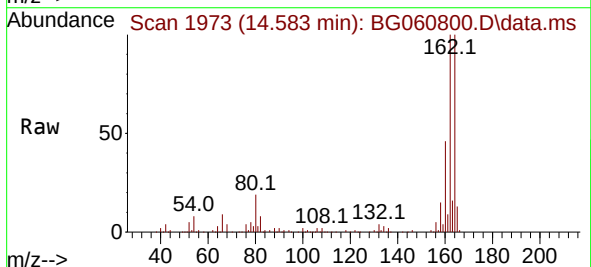
Instrument :
BNA_G
ClientSampleId :
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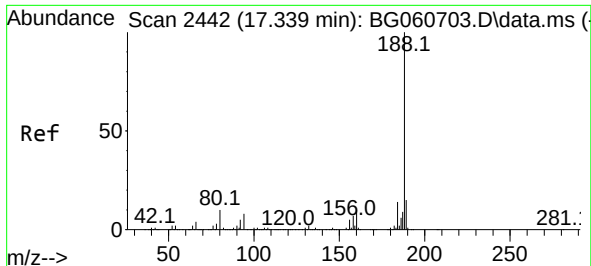
Tgt Ion:138 Resp: 55
Ion Ratio Lower Upper
138 100
108 0.0 11.3 16.9#
92 0.0 94.1 141.1#



#57
2,4-Dinitrotoluene
Concen: 10.005 ng
RT: 14.583 min Scan# 1973
Delta R.T. -0.358 min
Lab File: BG060800.D
Acq: 5 Apr 2024 17:45

Tgt Ion:165 Resp: 23058
Ion Ratio Lower Upper
165 100
63 1.5 43.4 65.0#
89 1.6 61.0 91.6#
182 0.0 1.8 2.6#

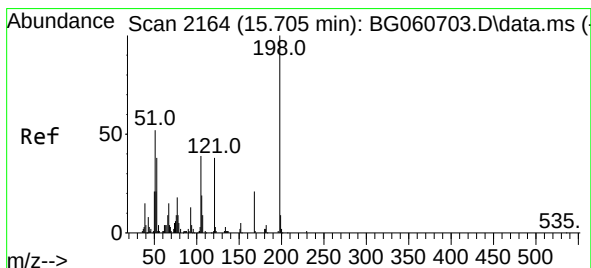
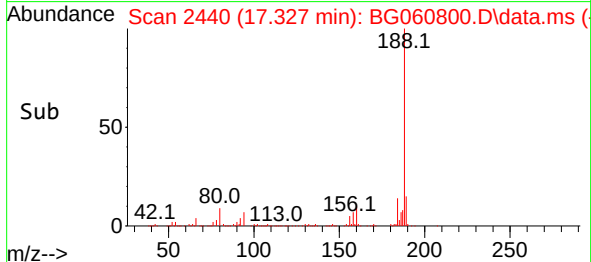
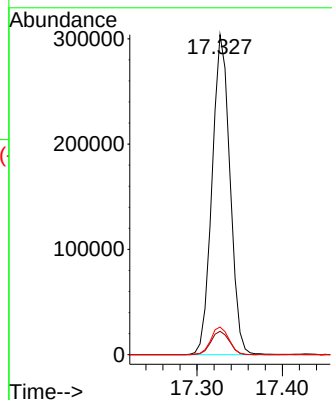
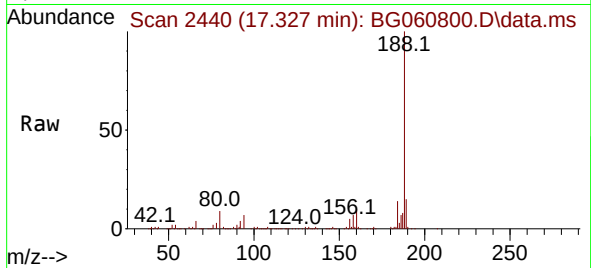




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2442
Delta R.T. -0.012 min
Lab File: BG060800.D
Acq: 5 Apr 2024 17:45

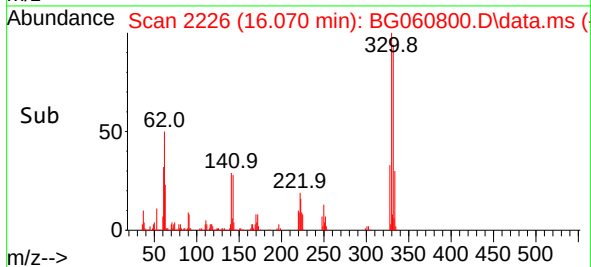
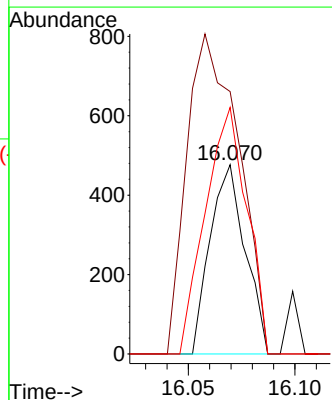
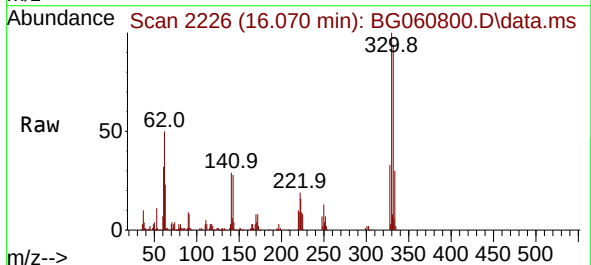
Instrument :
BNA_G
ClientSampleId :
TP2

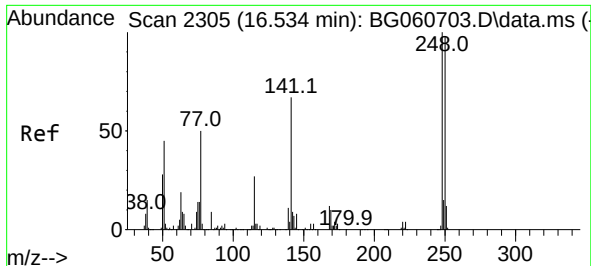
Tgt Ion:188 Resp: 443642
Ion Ratio Lower Upper
188 100
94 7.3 6.6 9.8
80 8.7 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 7.288 ng
RT: 16.070 min Scan# 2226
Delta R.T. 0.365 min
Lab File: BG060800.D
Acq: 5 Apr 2024 17:45

Tgt Ion:198 Resp: 546
Ion Ratio Lower Upper
198 100
51 138.6 36.7 76.7#
105 130.2 19.1 59.1#

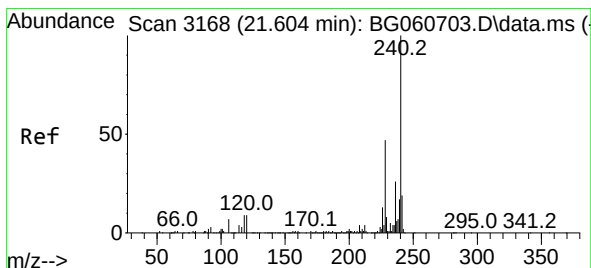
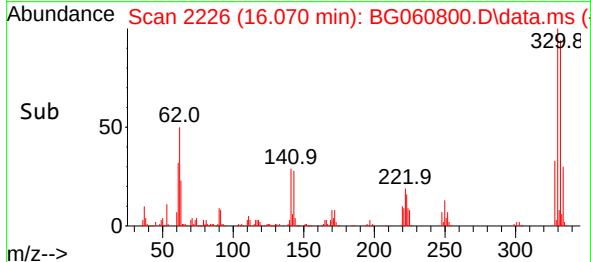
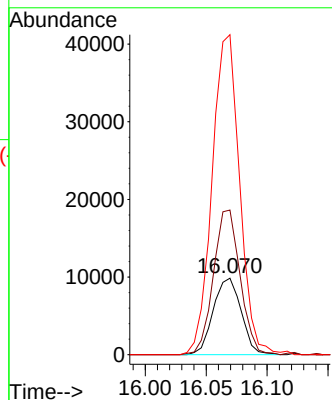
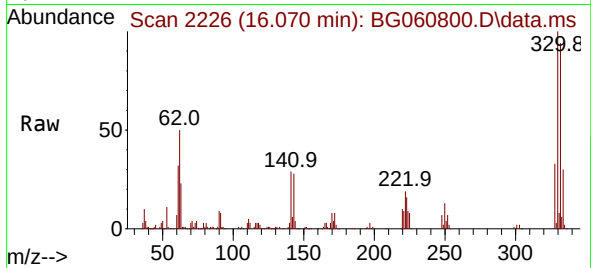




#67
4-Bromophenyl-phenylether
Concen: 3.481 ng
RT: 16.070 min Scan# 21
Delta R.T. -0.464 min
Lab File: BG060800.D
Acq: 5 Apr 2024 17:45

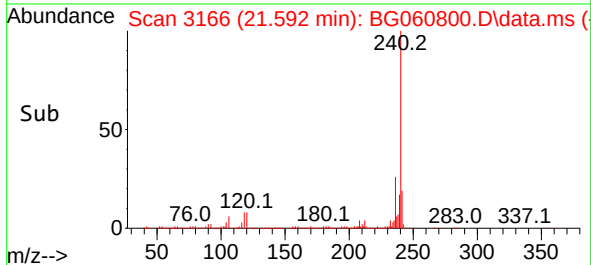
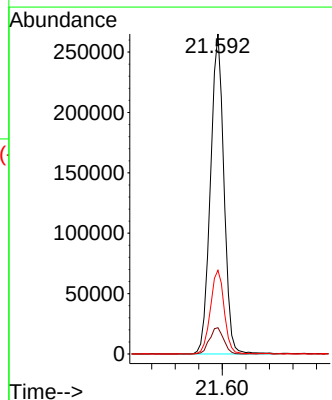
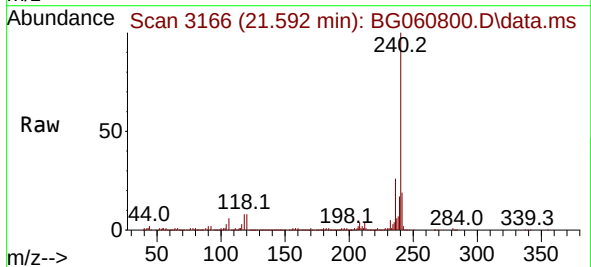
Instrument :
BNA_G
ClientSampleId :
TP2

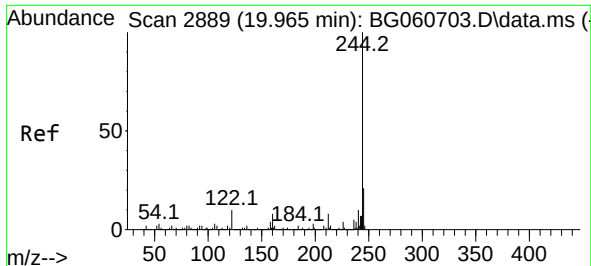
Tgt Ion:248 Resp: 15671
Ion Ratio Lower Upper
248 100
250 189.2 78.3 117.5#
141 418.8 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3166
Delta R.T. -0.012 min
Lab File: BG060800.D
Acq: 5 Apr 2024 17:45

Tgt Ion:240 Resp: 421608
Ion Ratio Lower Upper
240 100
120 8.2 7.1 10.7
236 26.2 20.7 31.1

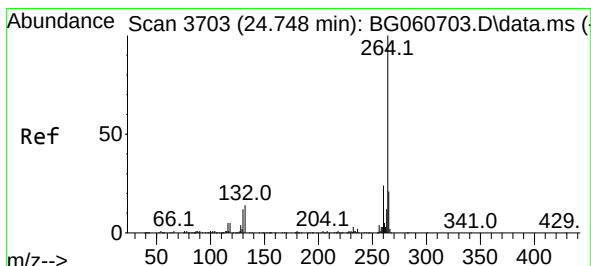
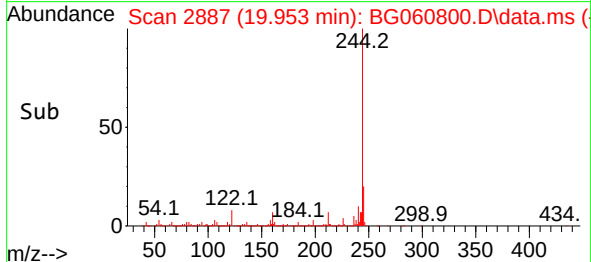
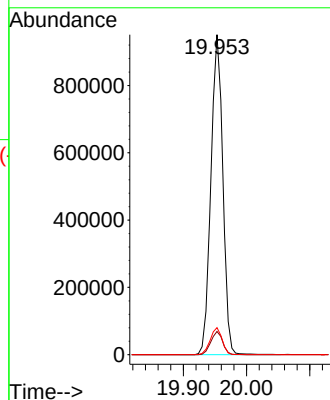
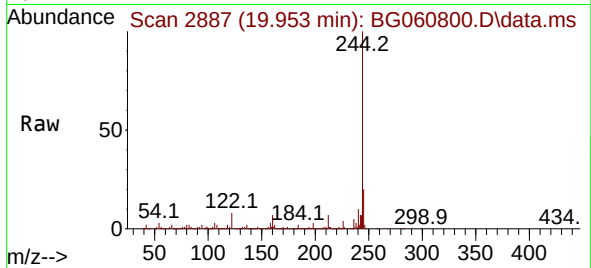




#79
 Terphenyl-d14
 Concen: 51.859 ng
 RT: 19.953 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BG060800.D
 Acq: 5 Apr 2024 17:45

Instrument :
 BNA_G
 ClientSampleId :
 TP2

Tgt Ion:244 Resp: 1241697
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 8.4 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.730 min Scan# 3700
 Delta R.T. -0.018 min
 Lab File: BG060800.D
 Acq: 5 Apr 2024 17:45

Tgt Ion:264 Resp: 495721
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.5 16.9 25.3

