

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082521\
 Data File : BG049973.D
 Acq On : 25 Aug 2021 18:17
 Operator : CG/JU
 Sample : M3528-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-3-082421

Quant Time: Aug 26 01:02:52 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 23 16:13:24 2021
 Response via : Initial Calibration

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

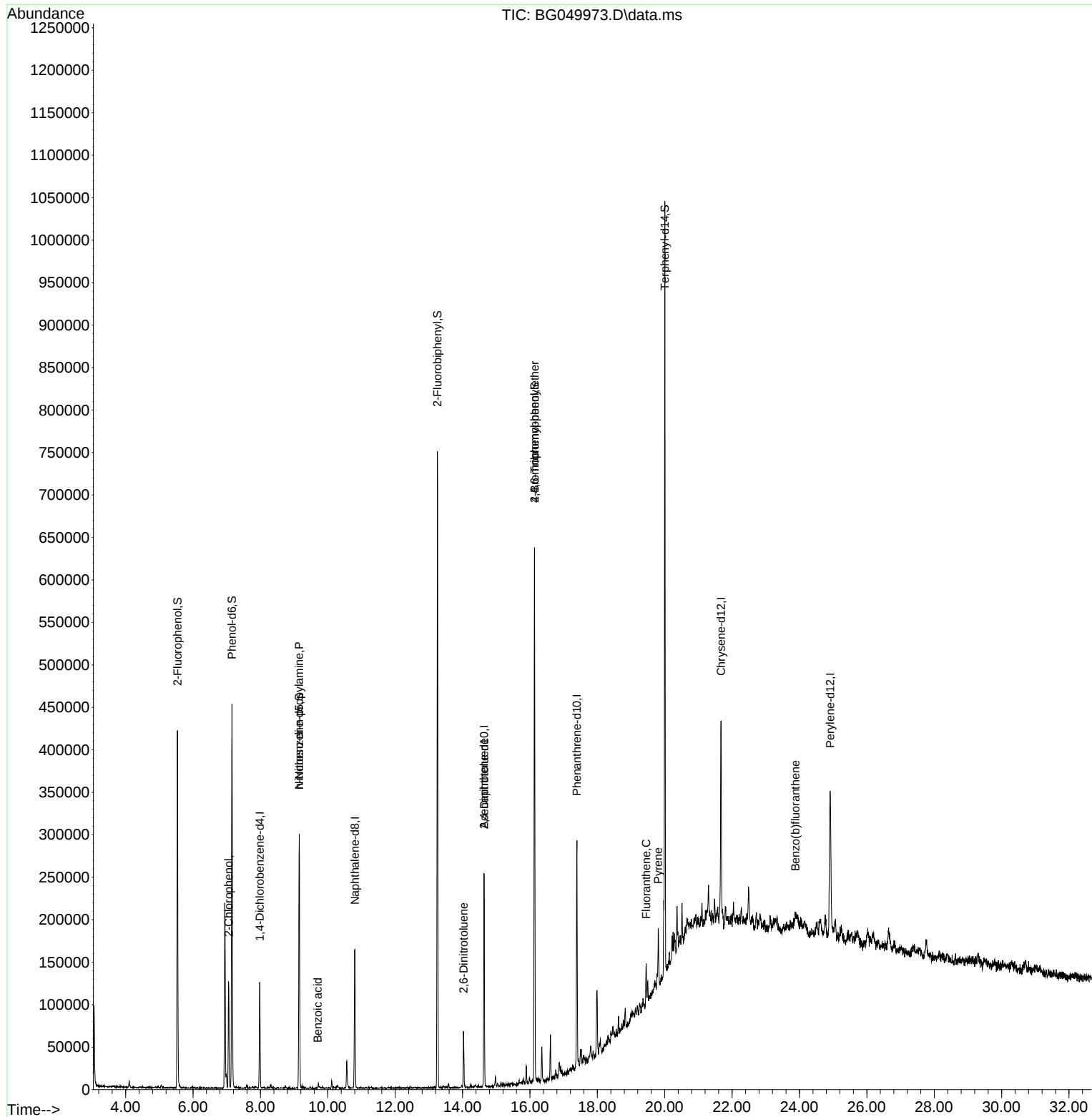
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.983	152	33812	20.000	ng	# 0.00
21) Naphthalene-d8	10.803	136	139835	20.000	ng	# 0.00
39) Acenaphthene-d10	14.639	164	88670	20.000	ng	0.00
64) Phenanthrene-d10	17.394	188	159806	20.000	ng	# 0.00
76) Chrysene-d12	21.671	240	133397	20.000	ng	0.00
86) Perylene-d12	24.913	264	141721	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	180989	95.955	ng	0.00
7) Phenol-d6	7.155	99	249133	87.256	ng	0.00
23) Nitrobenzene-d5	9.152	82	183640	58.113	ng	0.00
42) 2,4,6-Tribromophenol	16.137	330	116133	89.105	ng	0.00
45) 2-Fluorobiphenyl	13.253	172	382994	62.849	ng	0.00
79) Terphenyl-d14	20.002	244	415207	56.531	ng	0.00
Target Compounds						
						Qvalue
8) 2-Chlorophenol	7.055	128	6974	3.391	ng	# 63
19) n-Nitroso-di-n-propyla...	9.152	70	26473	13.855	ng	# 67
32) Benzoic acid	9.699	122	55	4.984	ng	# 1
51) 2,6-Dinitrotoluene	14.034	165	7733	5.250	ng	# 30
57) 2,4-Dinitrotoluene	14.639	165	11951	5.777	ng	# 18
67) 4-Bromophenyl-phenylether	16.137	248	6831	3.629	ng	# 1
75) Fluoranthene	19.450	202	26679	2.579	ng	98
78) Pyrene	19.808	202	33020	3.631	ng	97
88) Benzo(b)fluoranthene	23.879	252	20960	2.255	ng	# 76

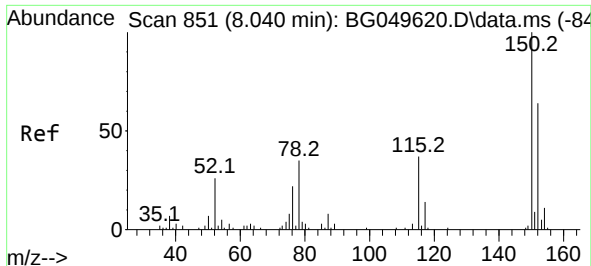
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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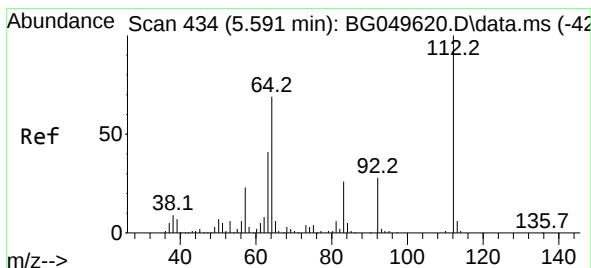
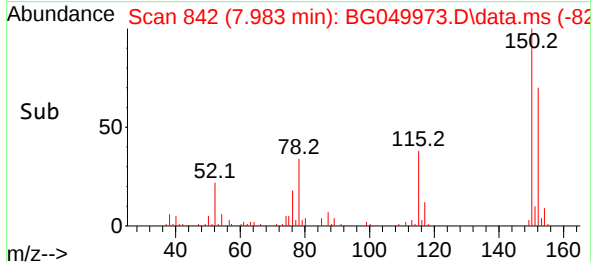
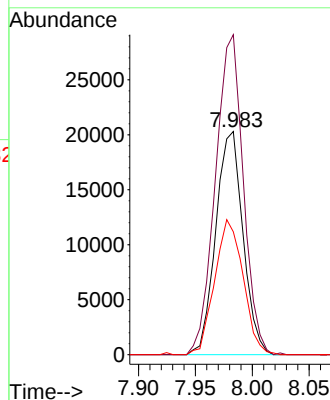
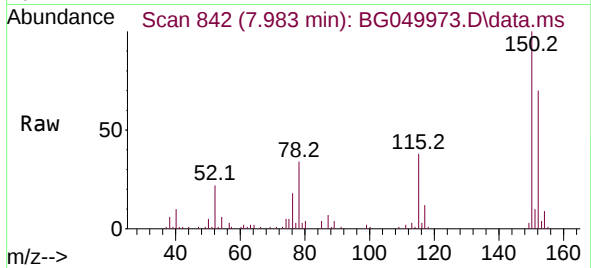




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.983 min Scan# 842
Delta R.T. -0.003 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

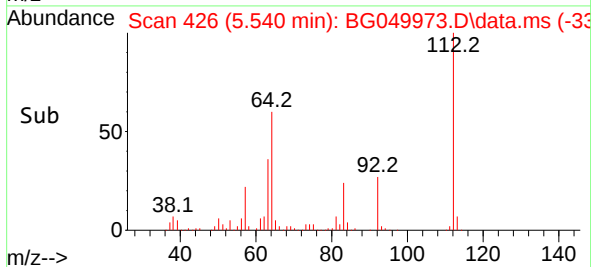
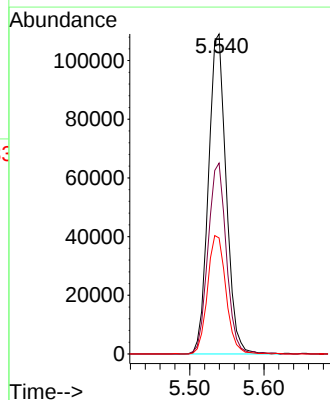
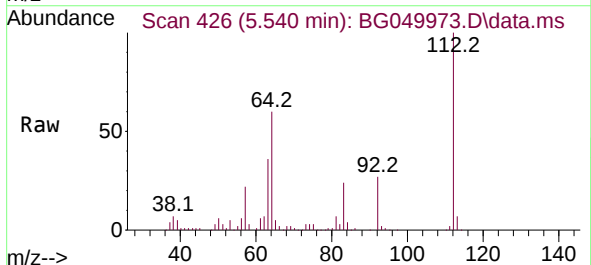
Instrument :
BNA_G
ClientSampleId :
PT-3-082421

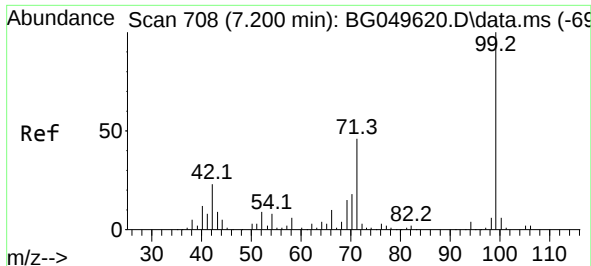
Tgt Ion:152 Resp: 33812
Ion Ratio Lower Upper
152 100
150 143.4 119.4 179.0
115 55.1 60.2 90.4#



#5
2-Fluorophenol
Concen: 95.955 ng
RT: 5.540 min Scan# 426
Delta R.T. 0.003 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

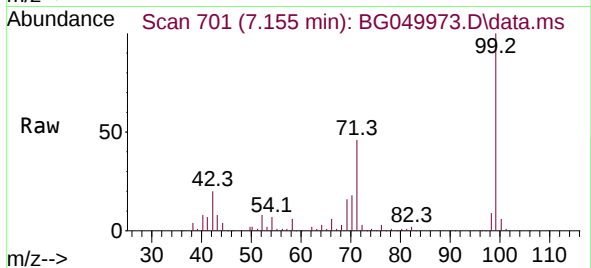
Tgt Ion:112 Resp: 180989
Ion Ratio Lower Upper
112 100
64 59.6 46.7 70.1
63 36.3 35.3 52.9



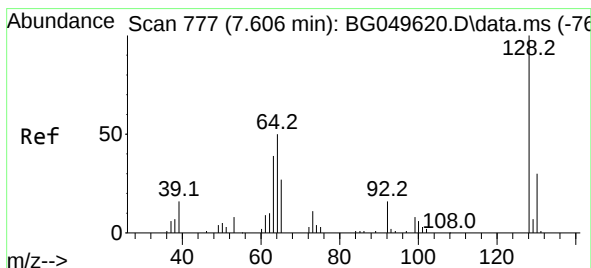
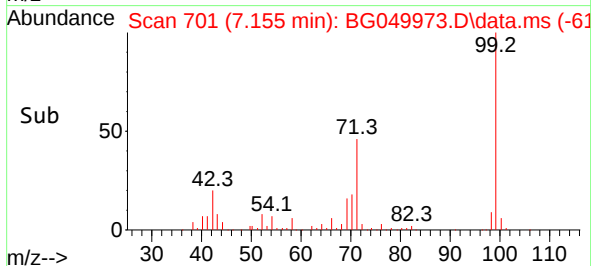
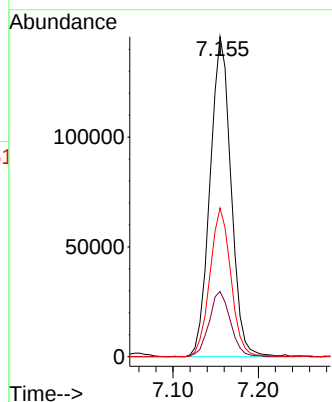


#7
Phenol-d6
Concen: 87.256 ng
RT: 7.155 min Scan# 701
Delta R.T. -0.003 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

Instrument :
BNA_G
ClientSampleId :
PT-3-082421

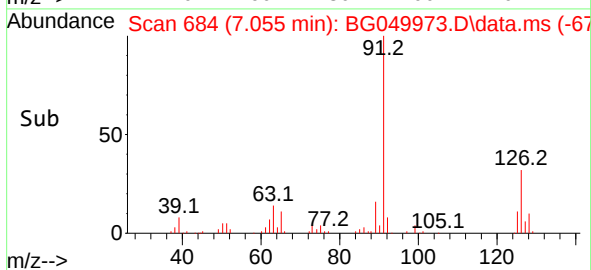
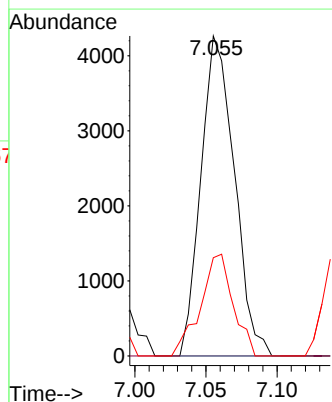
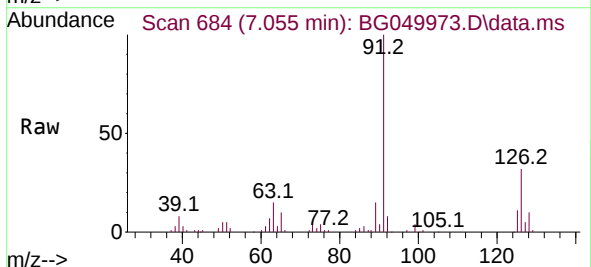


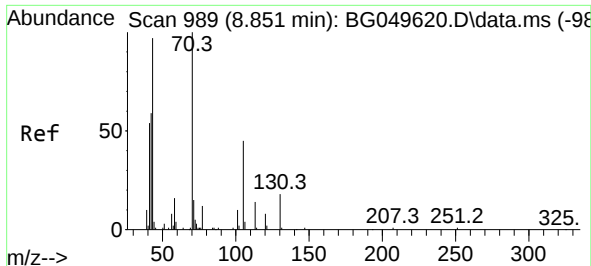
Tgt Ion: 99 Resp: 249133
Ion Ratio Lower Upper
99 100
42 20.4 20.5 30.7#
71 46.4 41.5 62.3



#8
2-Chlorophenol
Concen: 3.391 ng
RT: 7.055 min Scan# 684
Delta R.T. -0.496 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

Tgt Ion: 128 Resp: 6974
Ion Ratio Lower Upper
128 100
130 0.0 10.0 50.0#
64 30.7 28.1 68.1

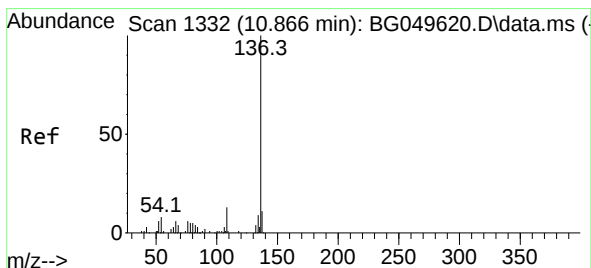
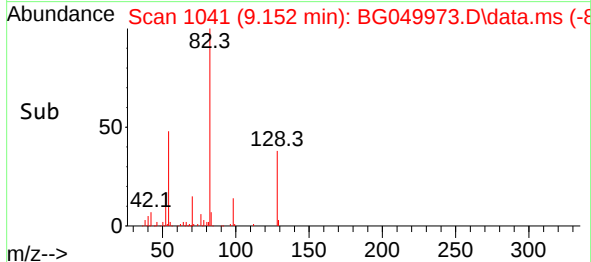
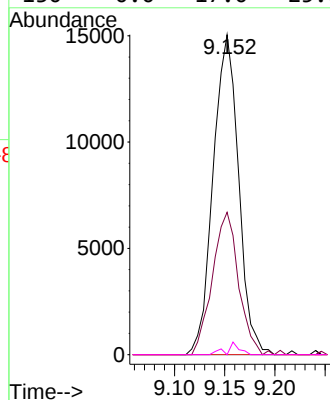
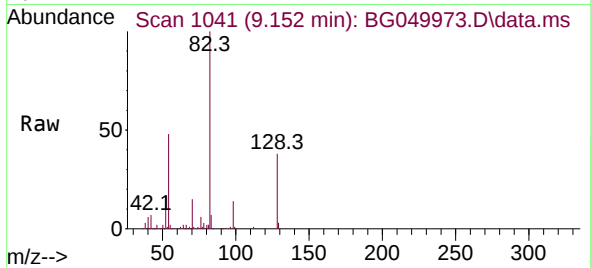




#19
n-Nitroso-di-n-propylamine
Concen: 13.855 ng
RT: 9.152 min Scan# 1041
Delta R.T. 0.356 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

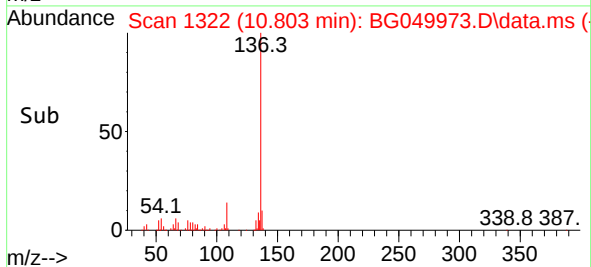
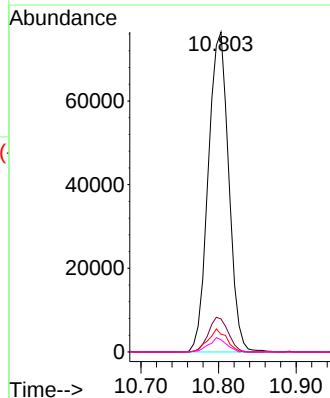
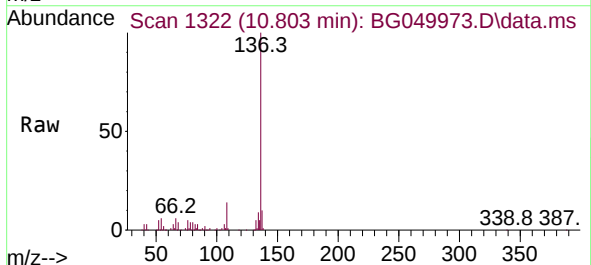
Instrument :
BNA_G
ClientSampleId :
PT-3-082421

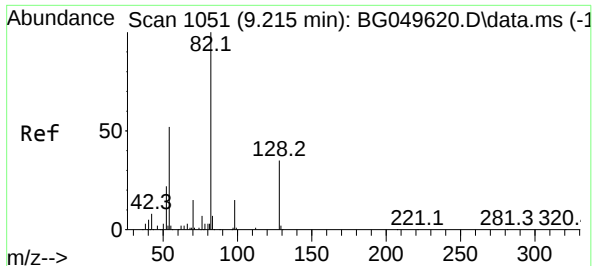
Tgt Ion: 70	Resp: 26473
Ion Ratio	Lower Upper
70 100	
42 44.5	54.5 81.7#
101 0.0	9.0 13.6#
130 0.0	17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.803 min Scan# 1322
Delta R.T. -0.008 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

Tgt Ion: 136	Resp: 139835
Ion Ratio	Lower Upper
136 100	
137 10.3	8.2 12.2
54 5.6	5.5 8.3
68 3.8	2.3 3.5#

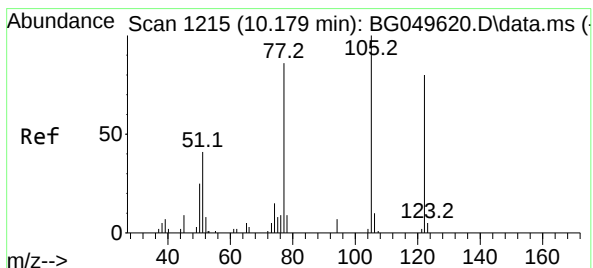
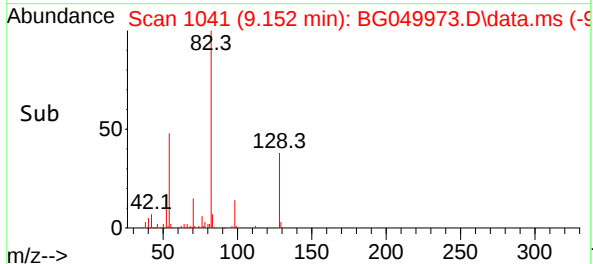
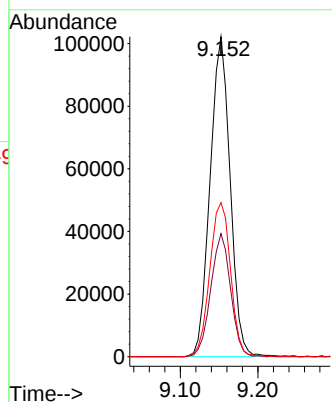
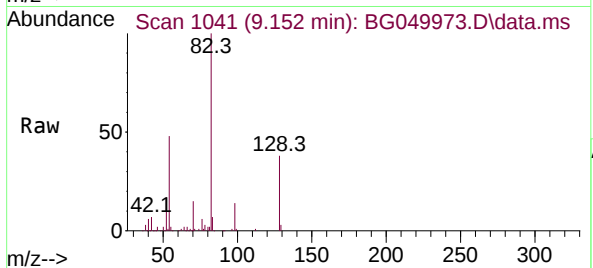




#23
Nitrobenzene-d5
Concen: 58.113 ng
RT: 9.152 min Scan# 1041
Delta R.T. -0.008 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

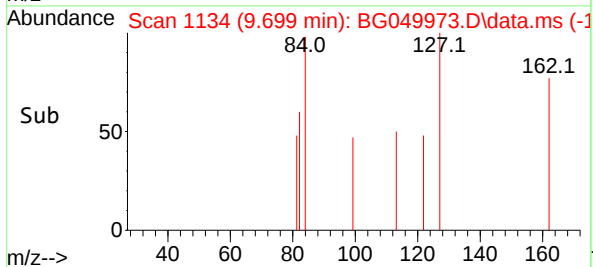
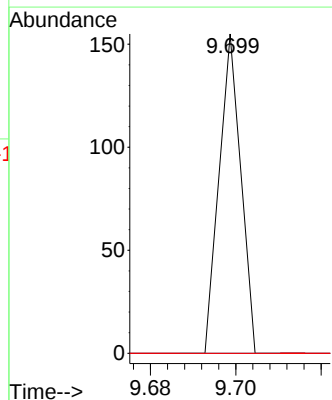
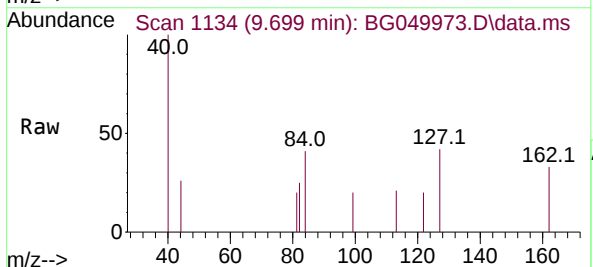
Instrument :
BNA_G
ClientSampleId :
PT-3-082421

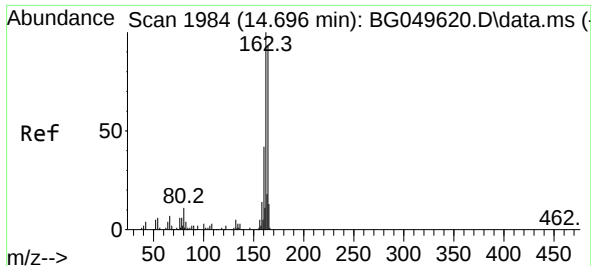
Tgt Ion: 82 Resp: 183640
Ion Ratio Lower Upper
82 100
128 38.5 29.8 44.6
54 48.2 45.8 68.8



#32
Benzoic acid
Concen: 4.984 ng
RT: 9.699 min Scan# 1134
Delta R.T. -0.437 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

Tgt Ion: 122 Resp: 55
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 0.0 66.5 106.5#

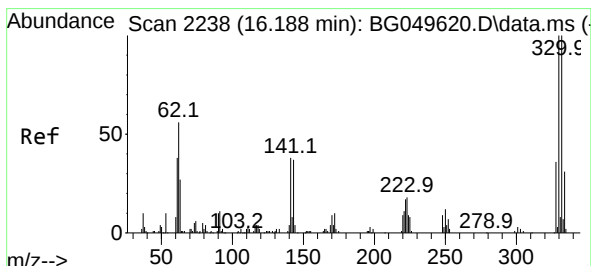
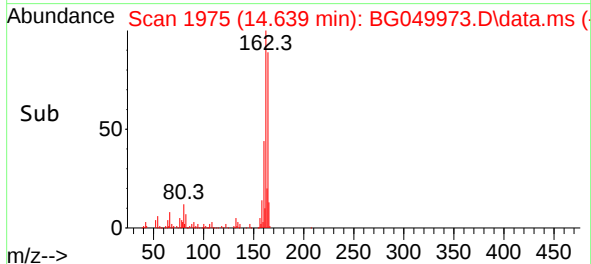
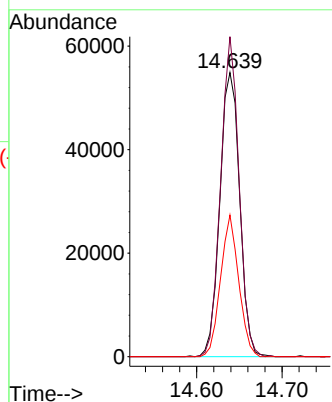
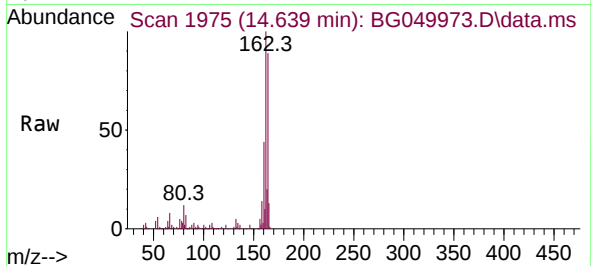




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1975
Delta R.T. -0.008 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

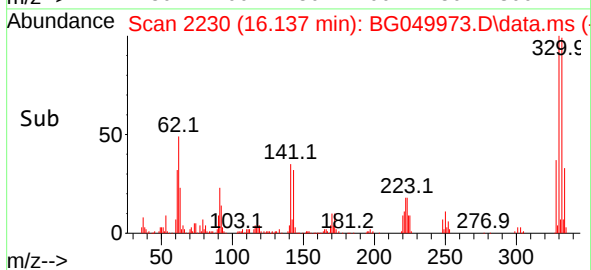
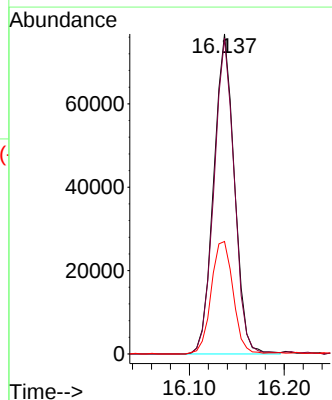
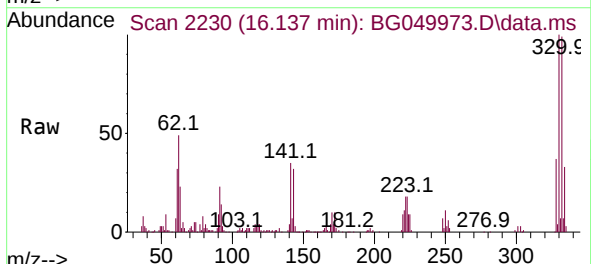
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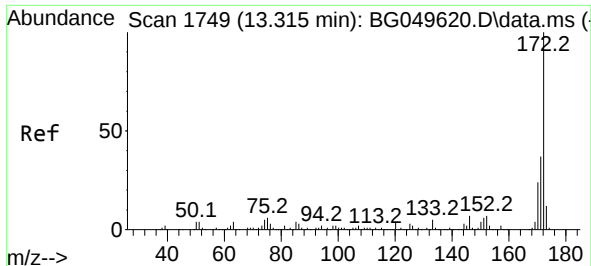
Tgt Ion:164 Resp: 88670
Ion Ratio Lower Upper
164 100
162 112.6 81.4 122.0
160 49.8 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 89.105 ng
RT: 16.137 min Scan# 2230
Delta R.T. -0.008 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

Tgt Ion:330 Resp: 116133
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 37.4 35.6 53.4

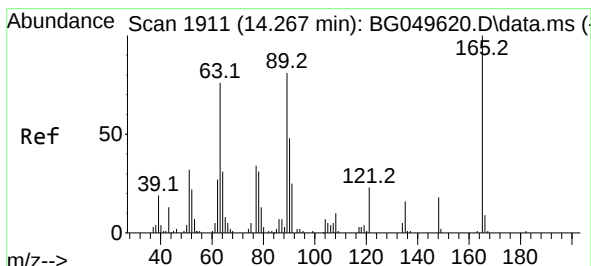
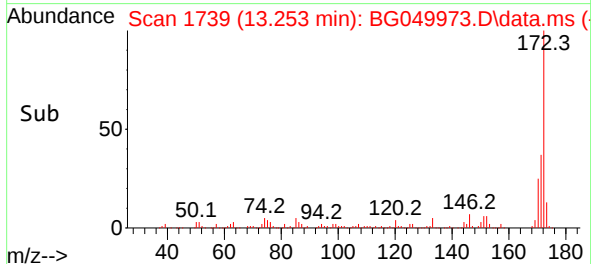
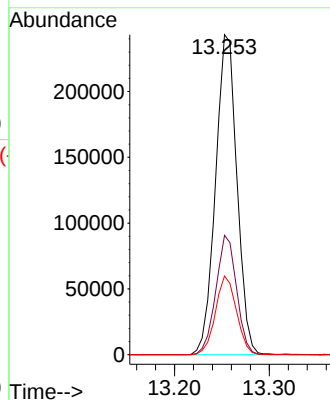
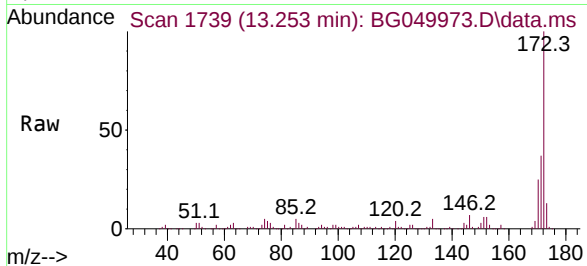




#45
2-Fluorobiphenyl
Concen: 62.849 ng
RT: 13.253 min Scan# 1739
Delta R.T. -0.008 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

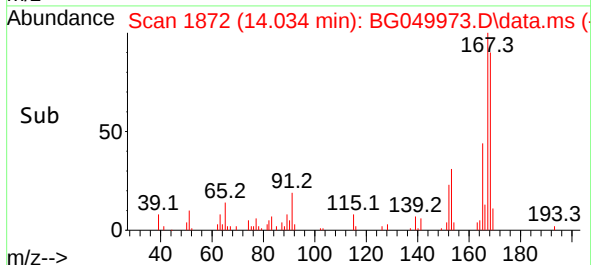
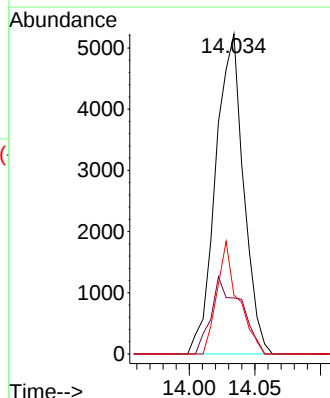
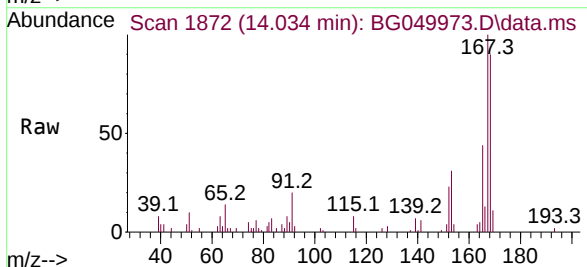
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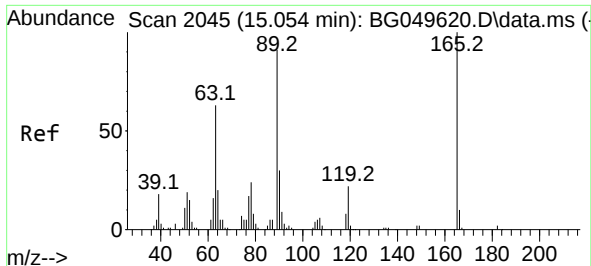
Tgt Ion:172 Resp: 382994
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 24.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 5.250 ng
RT: 14.034 min Scan# 1872
Delta R.T. -0.191 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

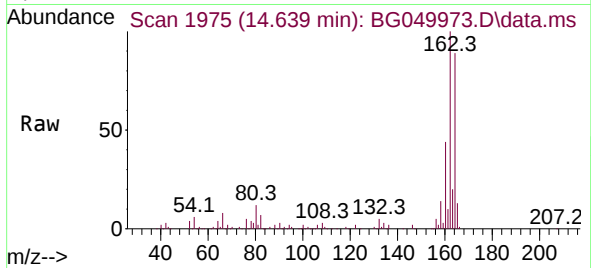
Tgt Ion:165 Resp: 7733
Ion Ratio Lower Upper
165 100
63 17.5 63.3 94.9#
89 18.4 63.4 95.0#



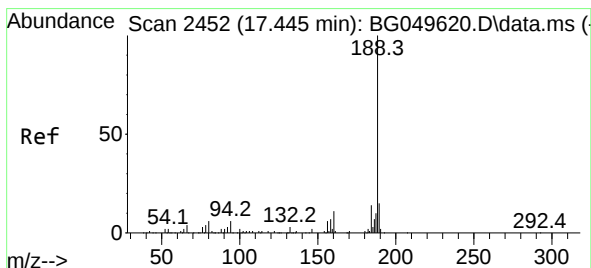
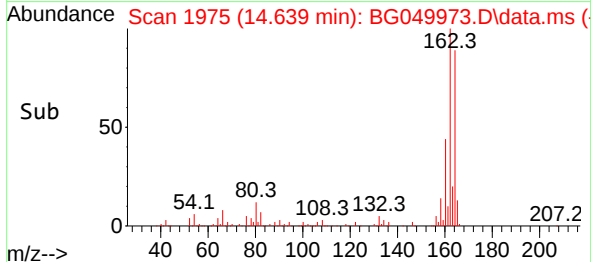
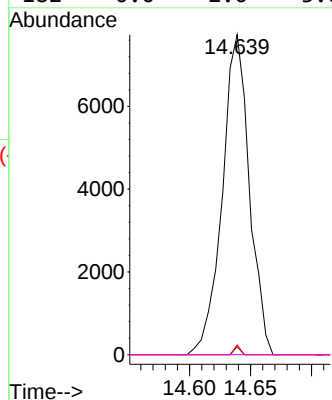


#57
2,4-Dinitrotoluene
Concen: 5.777 ng
RT: 14.639 min Scan# 1975
Delta R.T. -0.379 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

Instrument :
BNA_G
ClientSampled :
PT-3-082421

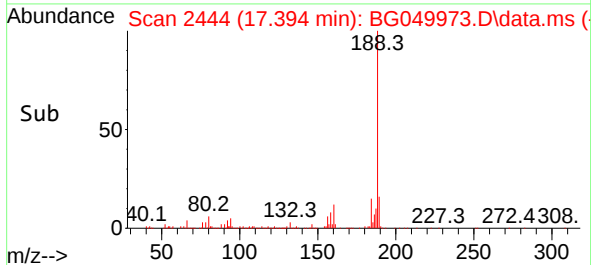
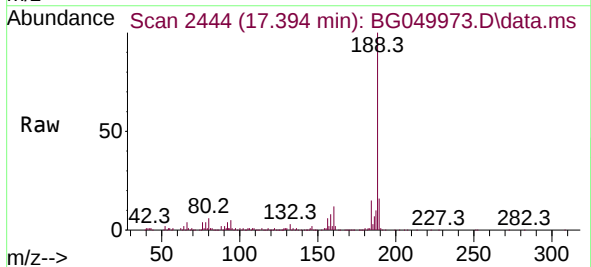
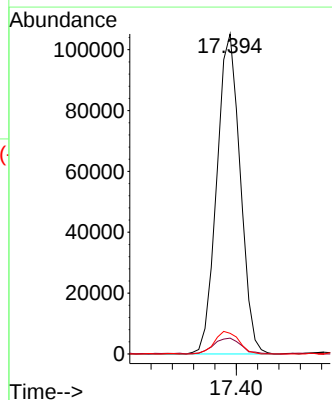


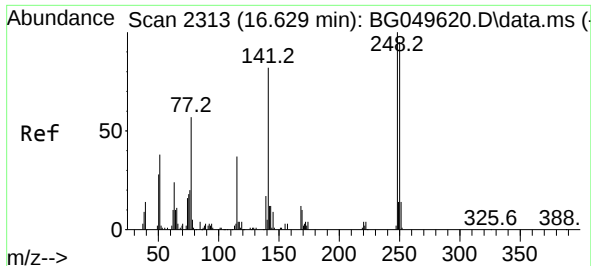
Tgt Ion:	165	Resp:	11951
Ion	Ratio	Lower	Upper
165	100		
63	2.5	48.0	72.0#
89	3.0	65.4	98.0#
182	0.0	2.0	3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.394 min Scan# 2444
Delta R.T. -0.008 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

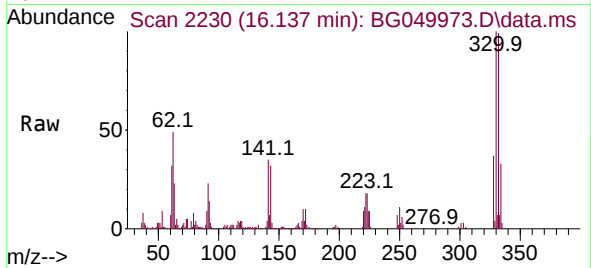
Tgt Ion:	188	Resp:	159806
Ion	Ratio	Lower	Upper
188	100		
94	5.0	5.4	8.0#
80	6.4	3.7	5.5#



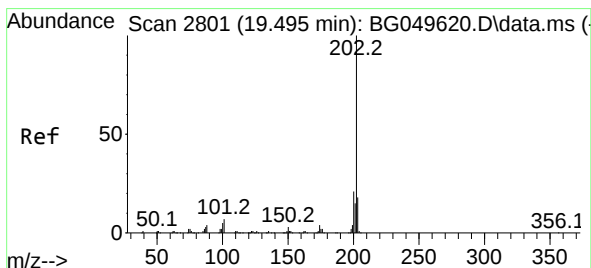
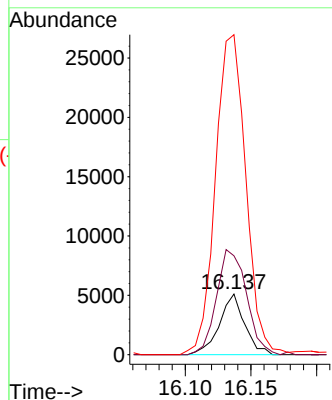
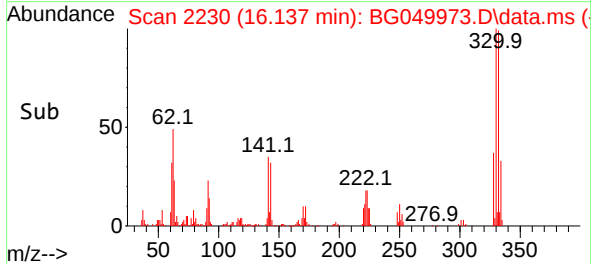


#67
4-Bromophenyl-phenylether
Concen: 3.629 ng
RT: 16.137 min Scan# 2230
Delta R.T. -0.443 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

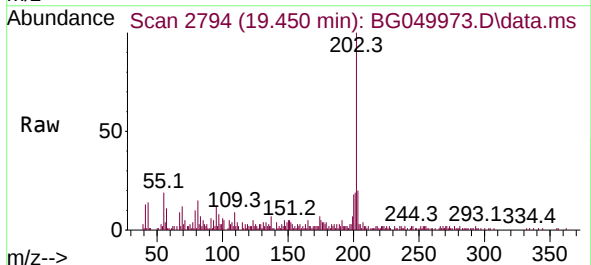
Instrument :
BNA_G
ClientSampleId :
PT-3-082421



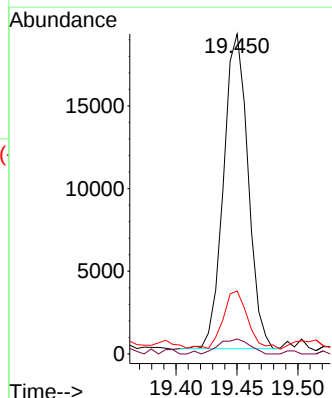
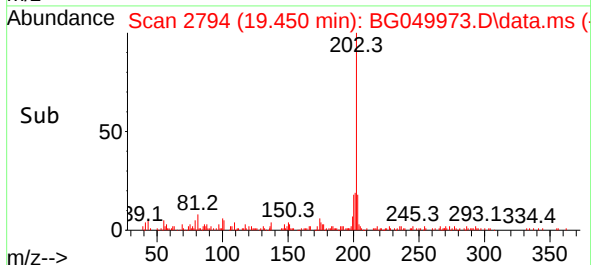
Tgt Ion:248 Resp: 6831
Ion Ratio Lower Upper
248 100
250 162.9 76.1 114.1#
141 527.3 65.4 98.2#

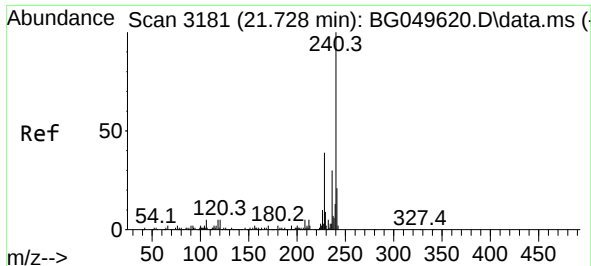


#75
Fluoranthene
Concen: 2.579 ng
RT: 19.450 min Scan# 2794
Delta R.T. -0.008 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17



Tgt Ion:202 Resp: 26679
Ion Ratio Lower Upper
202 100
101 4.7 0.0 24.7
203 19.7 0.0 38.5

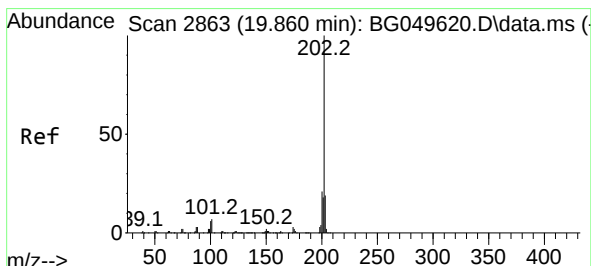
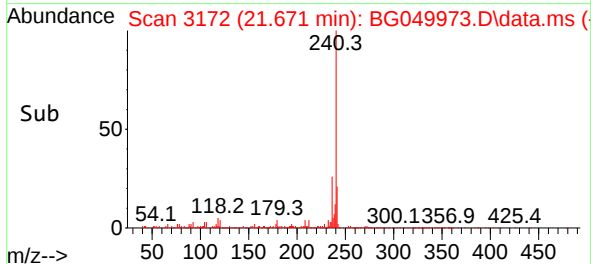
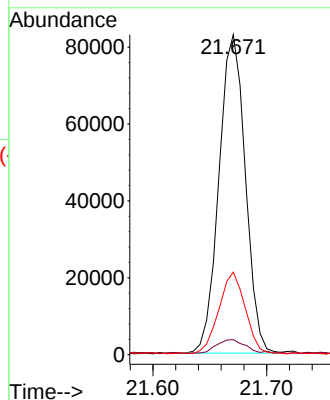
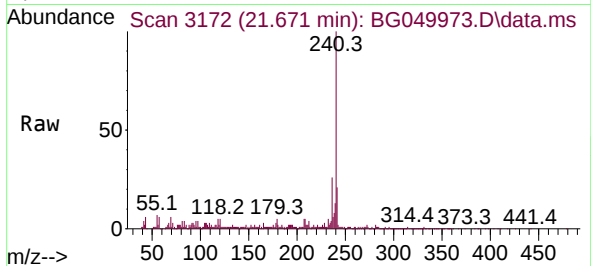




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.671 min Scan# 3172
Delta R.T. -0.008 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

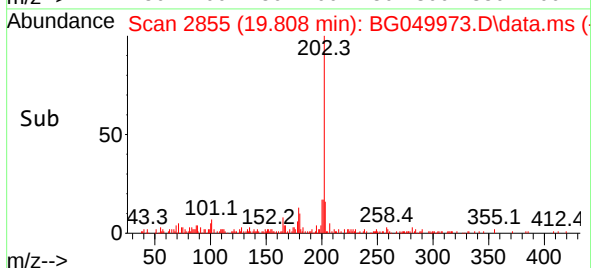
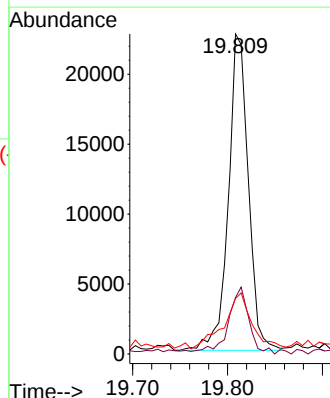
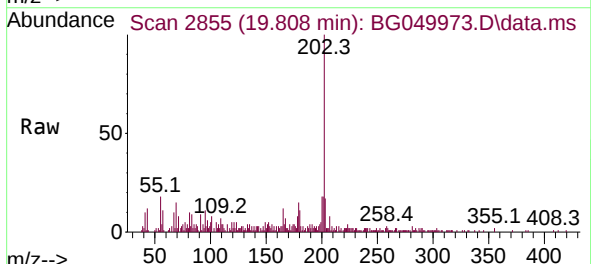
Instrument :
BNA_G
ClientSampleId :
PT-3-082421

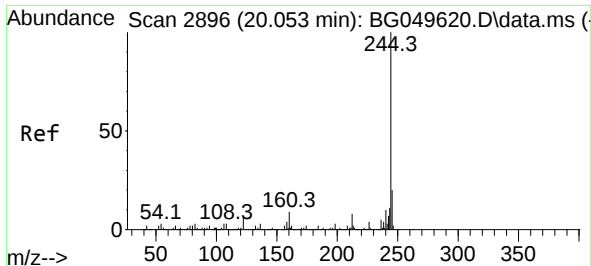
Tgt Ion:240	Resp:	133397
Ion Ratio	Lower	Upper
240	100	
120	4.7	4.2 6.2
236	25.8	21.8 32.6



#78
Pyrene
Concen: 3.631 ng
RT: 19.808 min Scan# 2855
Delta R.T. -0.008 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

Tgt Ion:202	Resp:	33020
Ion Ratio	Lower	Upper
202	100	
200	17.6	15.8 23.8
203	17.3	14.6 21.8

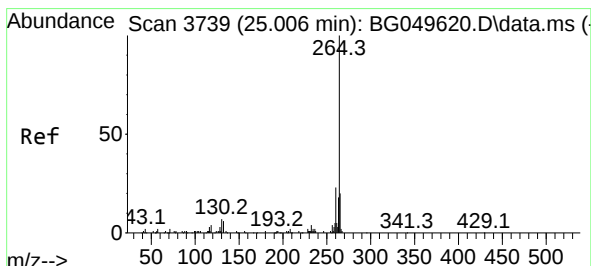
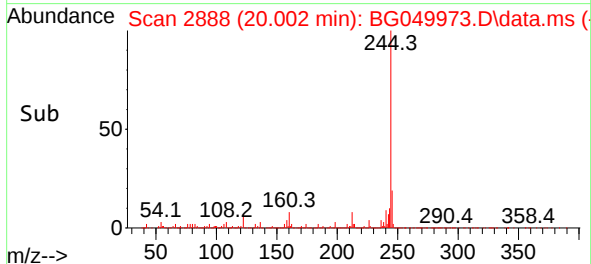
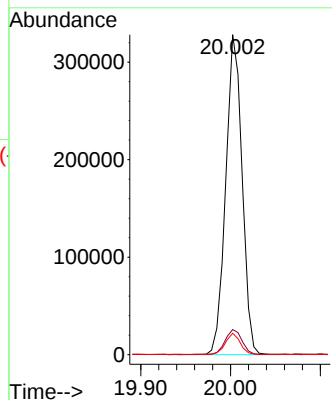
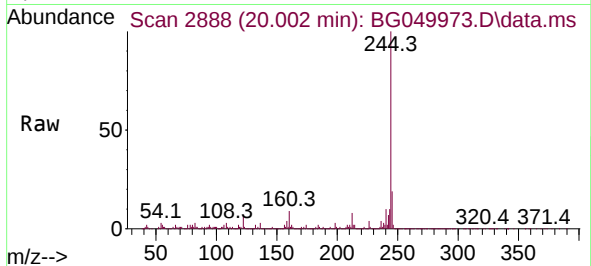




#79
Terphenyl-d14
Concen: 56.531 ng
RT: 20.002 min Scan# 2888
Delta R.T. -0.008 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

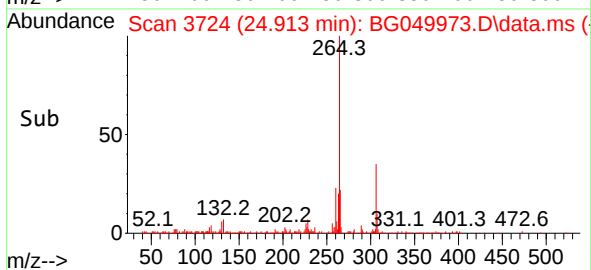
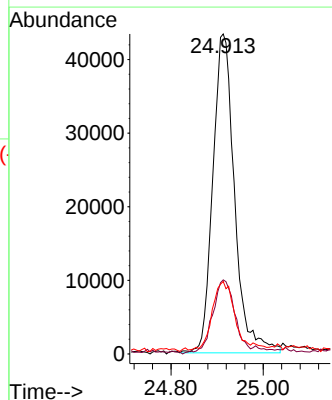
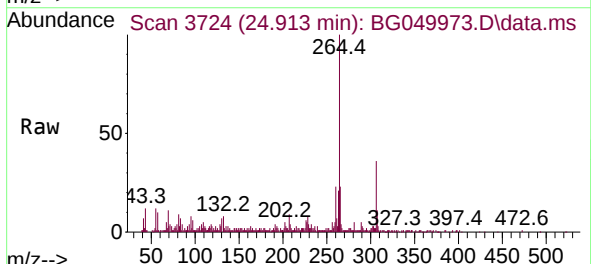
Instrument :
BNA_G
ClientSampleId :
PT-3-082421

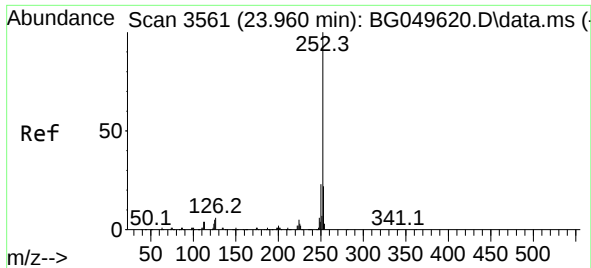
Tgt Ion:244	Resp:	415207
Ion Ratio	Lower	Upper
244	100	
212	7.8	6.9 10.3
122	6.7	5.0 7.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.913 min Scan# 3724
Delta R.T. -0.008 min
Lab File: BG049973.D
Acq: 25 Aug 2021 18:17

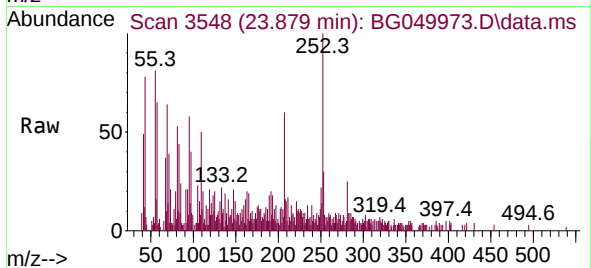
Tgt Ion:264	Resp:	141721
Ion Ratio	Lower	Upper
264	100	
260	23.1	19.4 29.2
265	22.6	16.9 25.3





#88
 Benzo(b)fluoranthene
 Concen: 2.255 ng
 RT: 23.879 min Scan# 3548
 Delta R.T. -0.014 min
 Lab File: BG049973.D
 Acq: 25 Aug 2021 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PT-3-082421



Tgt Ion:	252	Resp:	20960
Ion Ratio	Lower	Upper	
252	100		
253	29.6	16.2	24.4#
125	19.7	3.0	4.4#

