

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
 Data File : BG054172.D
 Acq On : 30 Jun 2022 16:46
 Operator : CG/JU
 Sample : N3502-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D-46-UC

Quant Time: Jul 01 04:04:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

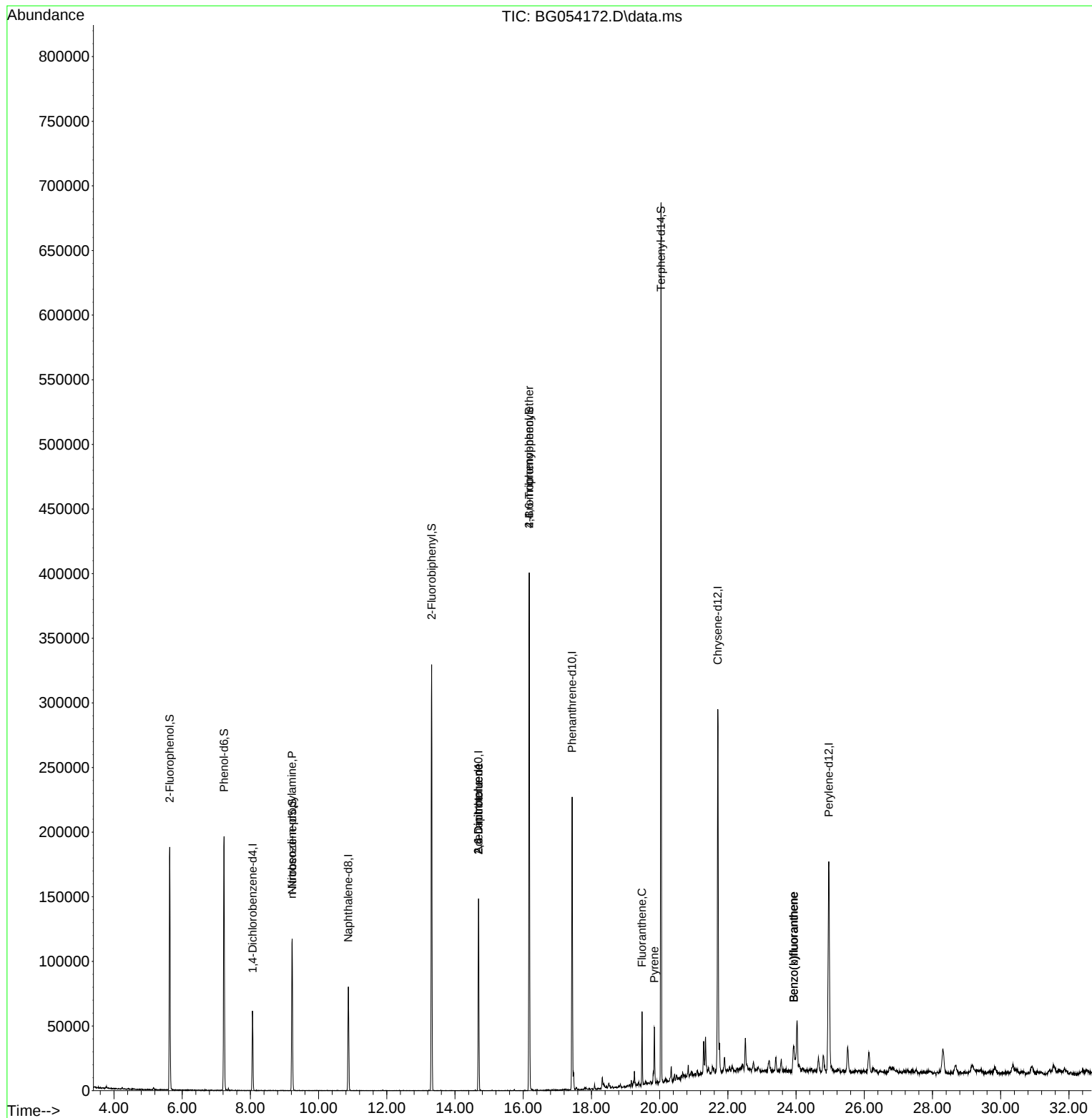
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.068	152	18862	20.000	ng	0.00
21) Naphthalene-d8	10.871	136	75516	20.000	ng	# 0.00
39) Acenaphthene-d10	14.690	164	58779	20.000	ng	0.00
64) Phenanthrene-d10	17.434	188	163582	20.000	ng	# 0.00
76) Chrysene-d12	21.705	240	189848	20.000	ng	-0.01
86) Perylene-d12	24.960	264	195620	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.636	112	88606	89.814	ng	0.00
7) Phenol-d6	7.228	99	118818	88.781	ng	0.00
23) Nitrobenzene-d5	9.226	82	77526	57.692	ng	0.00
42) 2,4,6-Tribromophenol	16.176	330	99636	105.503	ng	0.00
45) 2-Fluorobiphenyl	13.315	172	193998	47.993	ng	0.00
79) Terphenyl-d14	20.042	244	410499	43.549	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.220	70	10356	11.518	ng	# 76
51) 2,6-Dinitrotoluene	14.690	165	7808	8.633	ng	# 16
57) 2,4-Dinitrotoluene	14.690	165	7808	6.113	ng	# 21
67) 4-Bromophenyl-phenylether	16.176	248	6015	2.944	ng	# 1
75) Fluoranthene	19.484	202	33598	3.045	ng	94
78) Pyrene	19.843	202	29888	2.607	ng	99
88) Benzo(b)fluoranthene	23.932	252	26067	2.192	ng	98
89) Benzo(k)fluoranthene	23.932	252	26067	2.214	ng	97

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

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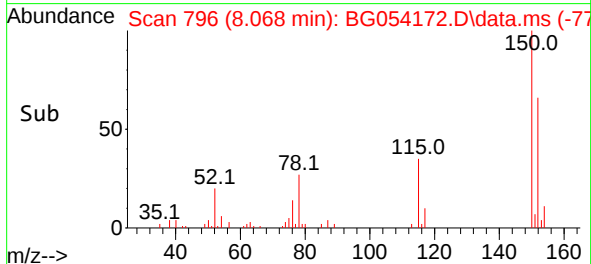
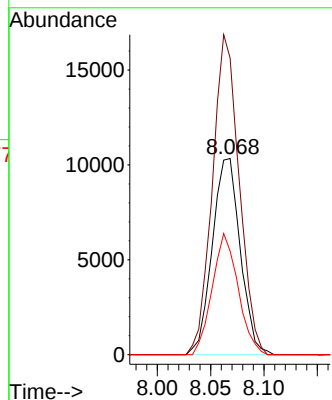
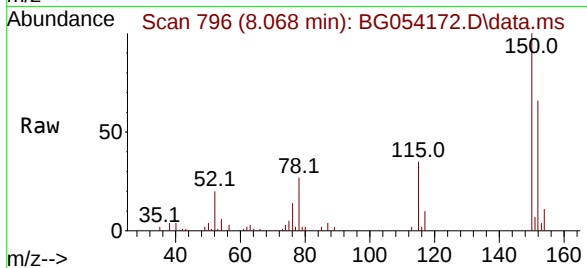




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.068 min Scan# 79
Delta R.T. -0.002 min
Lab File: BG054172.D
Acq: 30 Jun 2022 16:46

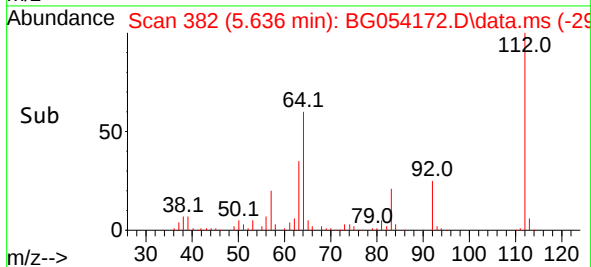
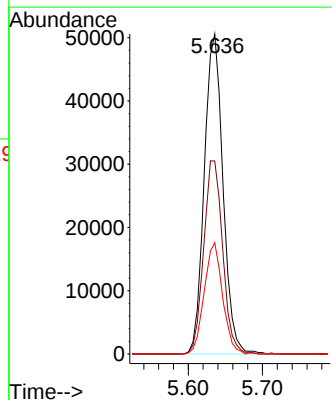
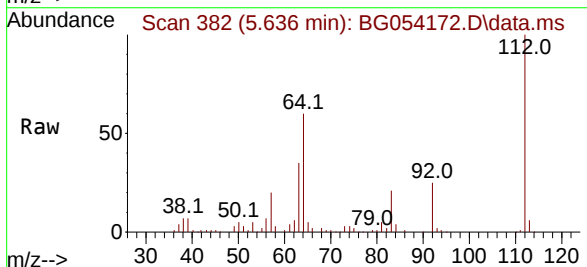
Instrument :
BNA_G
ClientSampleId :
D-46-UC

Tgt Ion:152 Resp: 18862
Ion Ratio Lower Upper
152 100
150 151.2 131.6 197.4
115 52.8 50.9 76.3



#5
2-Fluorophenol
Concen: 89.814 ng
RT: 5.636 min Scan# 382
Delta R.T. -0.002 min
Lab File: BG054172.D
Acq: 30 Jun 2022 16:46

Tgt Ion:112 Resp: 88606
Ion Ratio Lower Upper
112 100
64 60.3 55.1 82.7
63 34.8 30.4 45.6

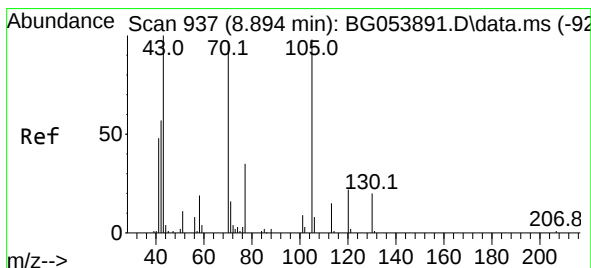
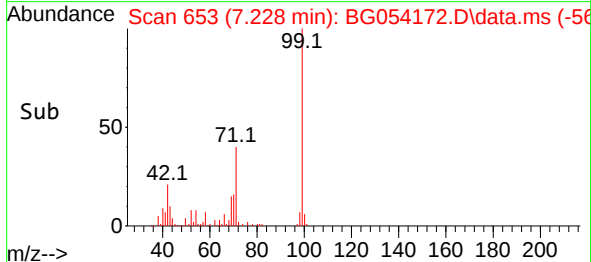
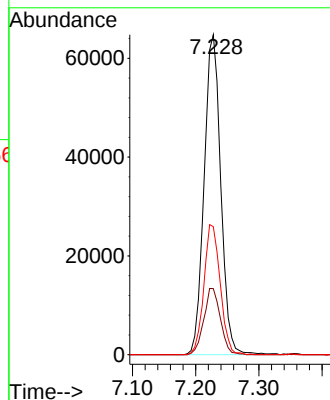
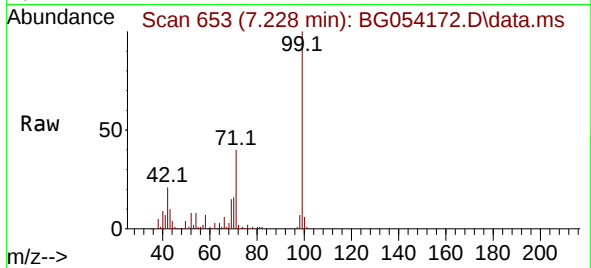




#7
Phenol-d6
Concen: 88.781 ng
RT: 7.228 min Scan# 611
Delta R.T. -0.002 min
Lab File: BG054172.D
Acq: 30 Jun 2022 16:46

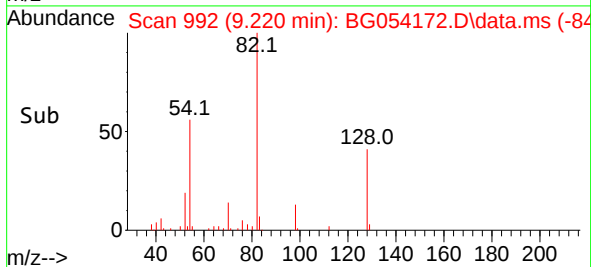
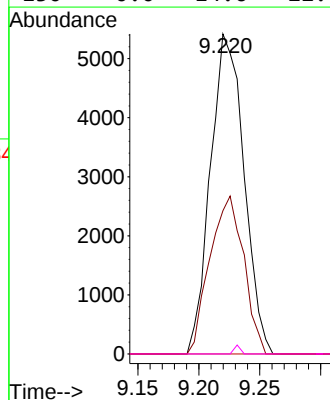
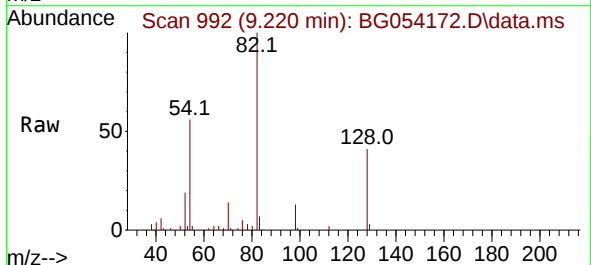
Instrument :
BNA_G
ClientSampleId :
D-46-UC

Tgt Ion: 99 Resp: 118818
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 40.0 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.518 ng
RT: 9.220 min Scan# 992
Delta R.T. 0.344 min
Lab File: BG054172.D
Acq: 30 Jun 2022 16:46

Tgt Ion: 70 Resp: 10356
Ion Ratio Lower Upper
70 100
42 44.8 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

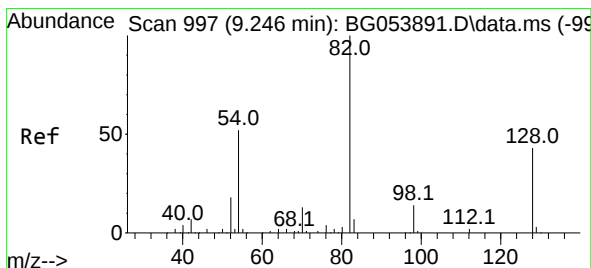
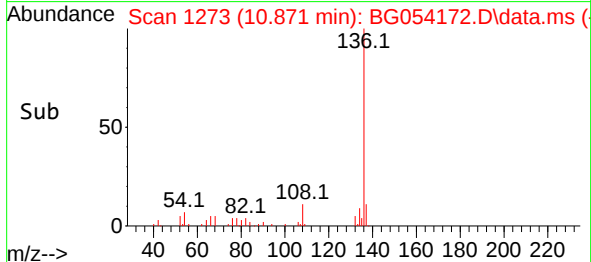
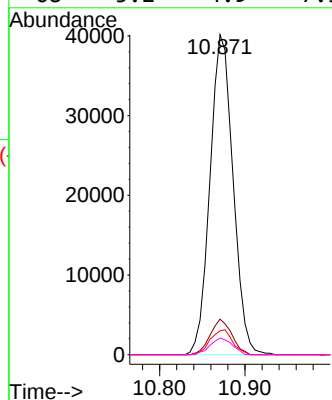
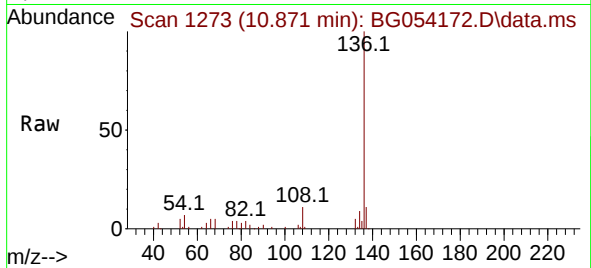




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.871 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG054172.D
Acq: 30 Jun 2022 16:46

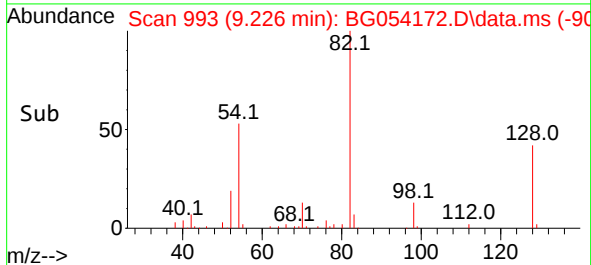
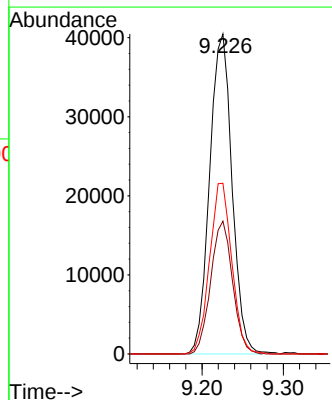
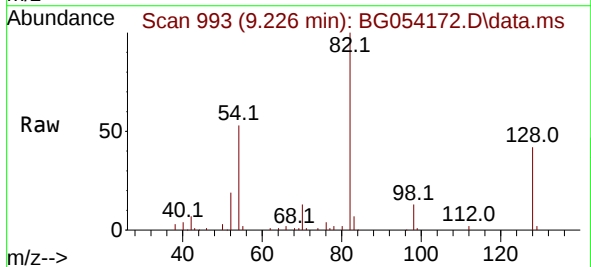
Instrument :
BNA_G
ClientSampleId :
D-46-UC

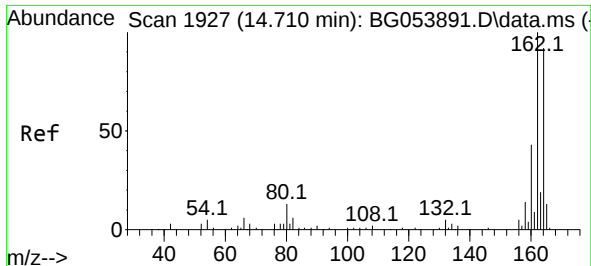
Tgt Ion:136	Resp:	75516
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	7.4	7.4 11.2#
68	5.2	4.9 7.3



#23
Nitrobenzene-d5
Concen: 57.692 ng
RT: 9.226 min Scan# 993
Delta R.T. -0.008 min
Lab File: BG054172.D
Acq: 30 Jun 2022 16:46

Tgt Ion: 82	Resp:	77526
Ion Ratio	Lower	Upper
82	100	
128	41.5	27.9 41.9
54	53.4	41.2 61.8

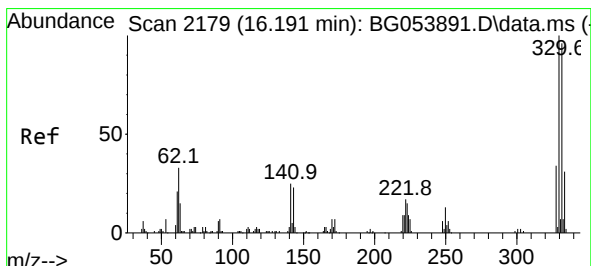
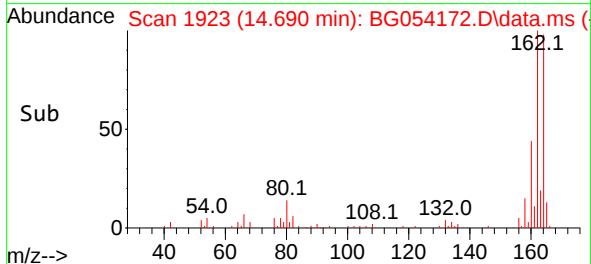
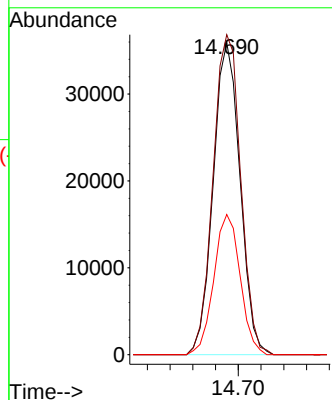
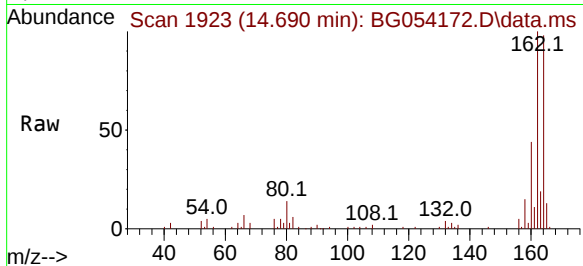




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.690 min Scan# 1923
Delta R.T. -0.008 min
Lab File: BG054172.D
Acq: 30 Jun 2022 16:46

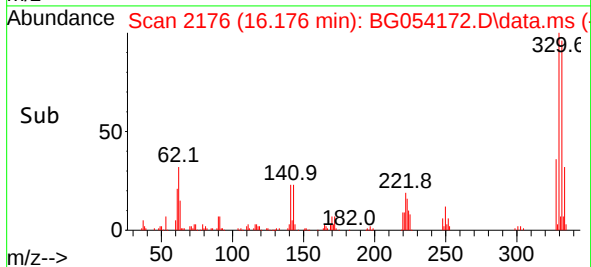
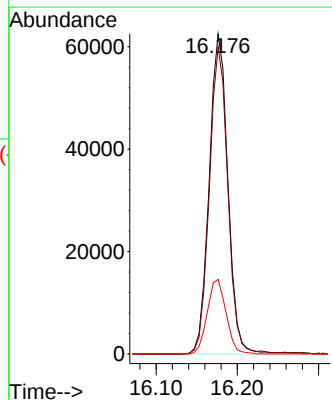
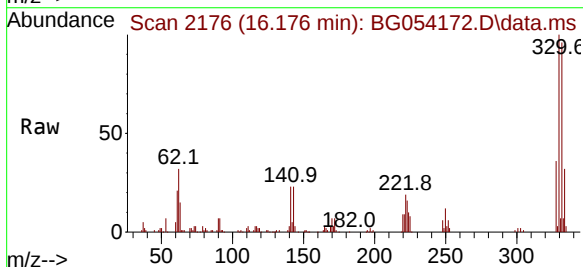
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BNA_G
ClientSampleId :
D-46-UC

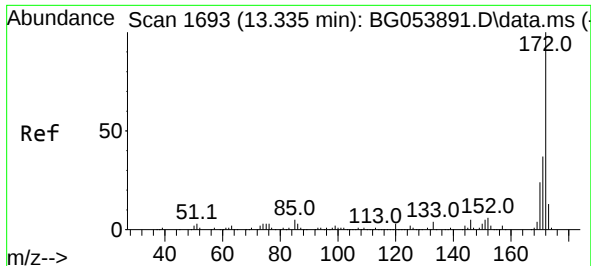
Tgt Ion:	164	Resp:	58779
Ion Ratio	Lower	Upper	
164	100		
162	102.5	82.3	123.5
160	44.9	34.2	51.2



#42
2,4,6-Tribromophenol
Concen: 105.503 ng
RT: 16.176 min Scan# 2176
Delta R.T. -0.008 min
Lab File: BG054172.D
Acq: 30 Jun 2022 16:46

Tgt Ion:	330	Resp:	99636
Ion Ratio	Lower	Upper	
330	100		
332	95.1	76.0	114.0
141	23.4	27.1	40.7

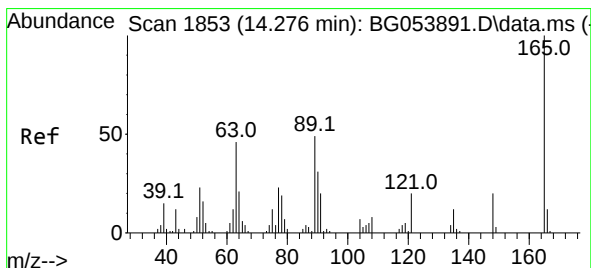
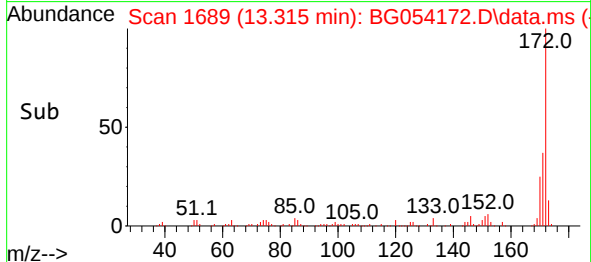
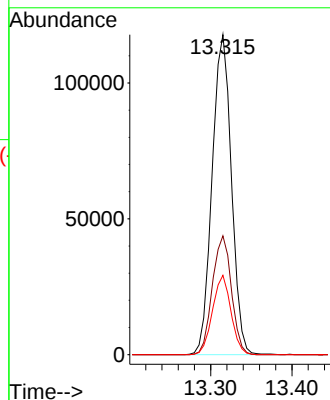
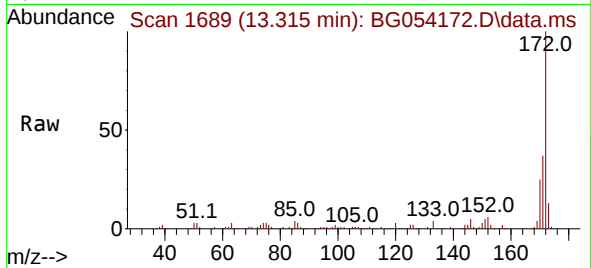




#45
2-Fluorobiphenyl
Concen: 47.993 ng
RT: 13.315 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG054172.D
Acq: 30 Jun 2022 16:46

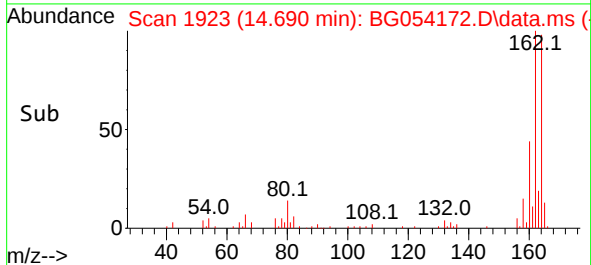
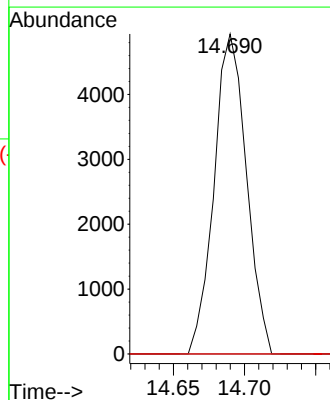
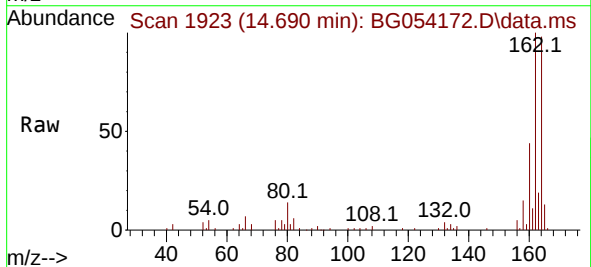
Instrument :
BNA_G
ClientSampleId :
D-46-UC

Tgt Ion:172 Resp: 193998
Ion Ratio Lower Upper
172 100
171 37.1 28.5 42.7
170 24.8 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.633 ng
RT: 14.690 min Scan# 1923
Delta R.T. 0.427 min
Lab File: BG054172.D
Acq: 30 Jun 2022 16:46

Tgt Ion:165 Resp: 7808
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

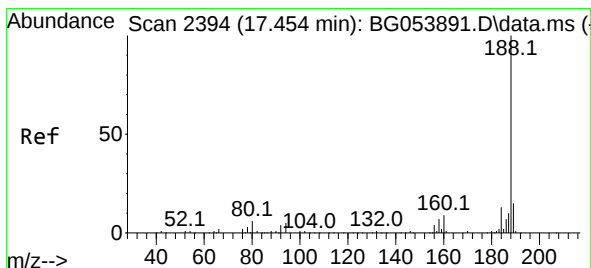
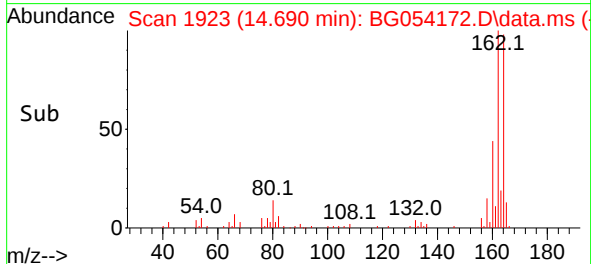
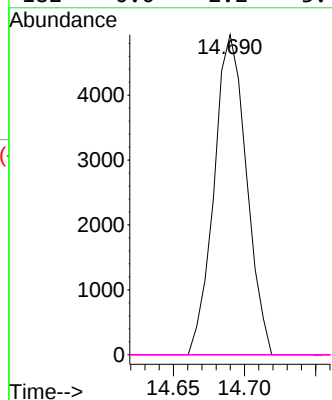
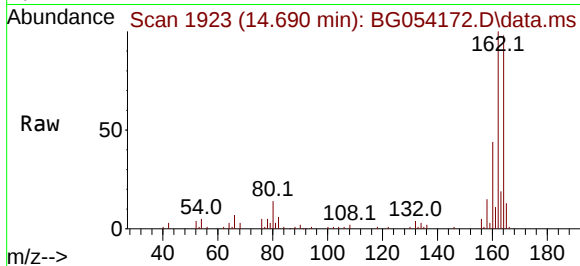




#57
2,4-Dinitrotoluene
Concen: 6.113 ng
RT: 14.690 min Scan# 1987
Delta R.T. -0.361 min
Lab File: BG054172.D
Acq: 30 Jun 2022 16:46

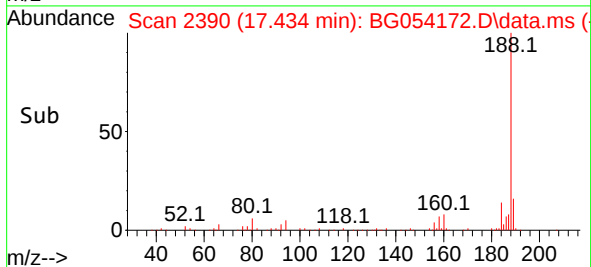
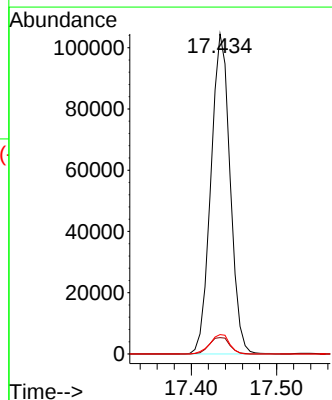
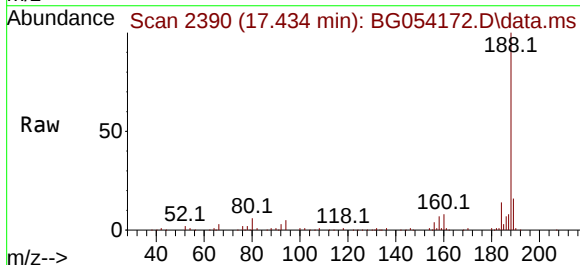
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ClientSampleId :
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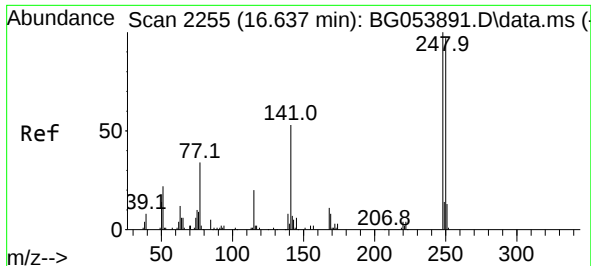
Tgt Ion:165 Resp: 7808
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.434 min Scan# 2390
Delta R.T. -0.008 min
Lab File: BG054172.D
Acq: 30 Jun 2022 16:46

Tgt Ion:188 Resp: 163582
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 6.1 6.8 10.2#

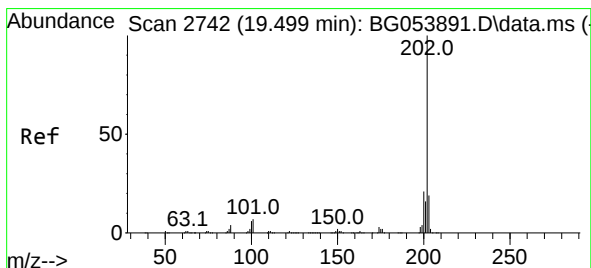
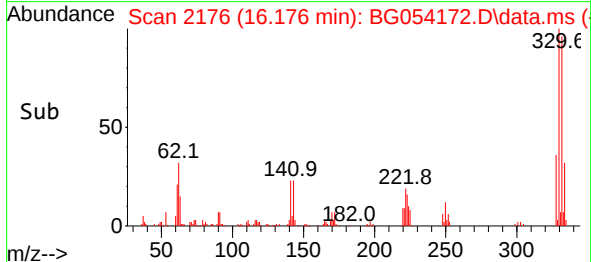
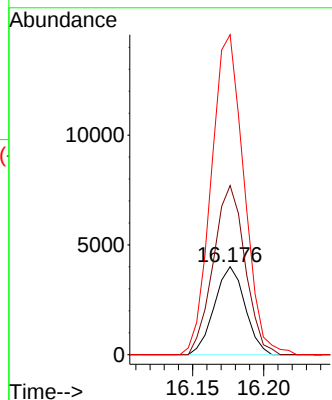
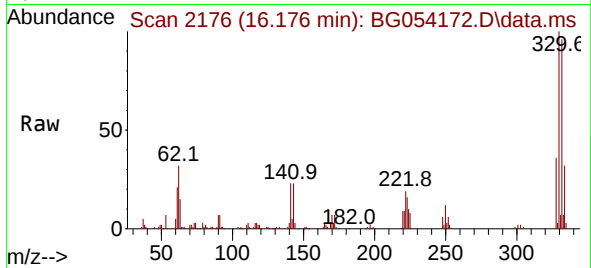




#67
4-Bromophenyl-phenylether
Concen: 2.944 ng
RT: 16.176 min Scan# 2176
Delta R.T. -0.449 min
Lab File: BG054172.D
Acq: 30 Jun 2022 16:46

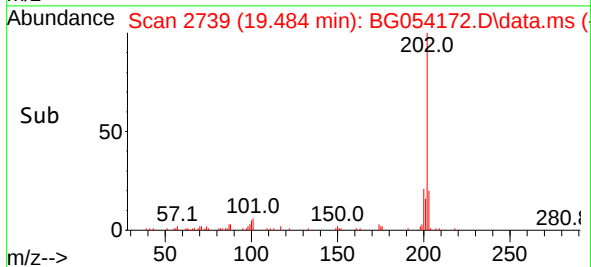
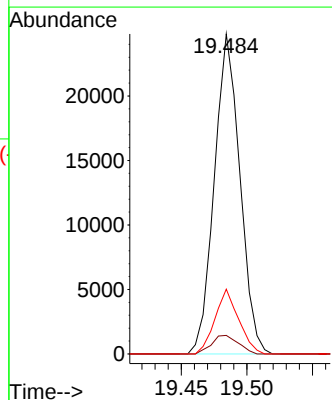
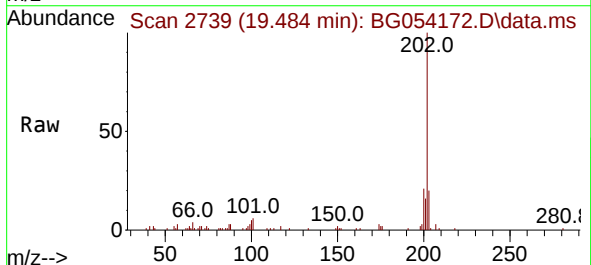
Instrument :
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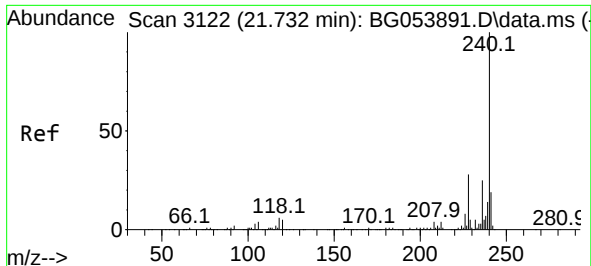
Tgt Ion:248 Resp: 6015
Ion Ratio Lower Upper
248 100
250 187.2 75.2 112.8#
141 278.8 50.0 75.0#



#75
Fluoranthene
Concen: 3.045 ng
RT: 19.484 min Scan# 2739
Delta R.T. -0.008 min
Lab File: BG054172.D
Acq: 30 Jun 2022 16:46

Tgt Ion:202 Resp: 33598
Ion Ratio Lower Upper
202 100
101 5.8 0.0 26.9
203 20.2 0.0 37.2

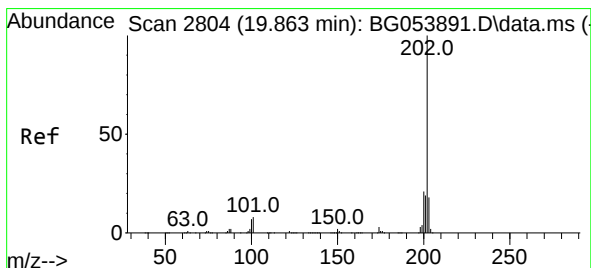
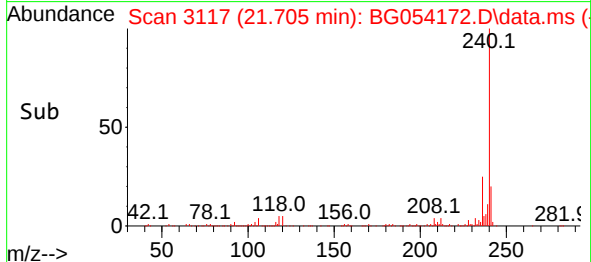
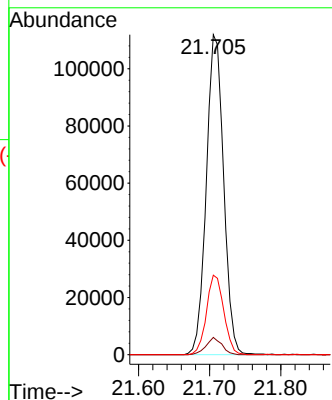
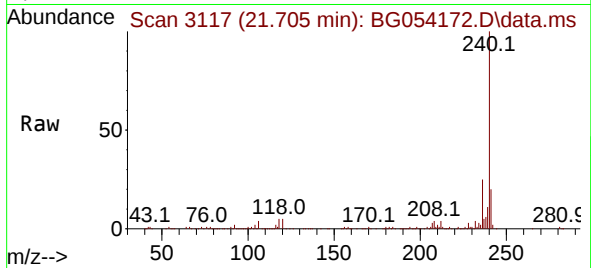




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.705 min Scan# 31
Delta R.T. -0.014 min
Lab File: BG054172.D
Acq: 30 Jun 2022 16:46

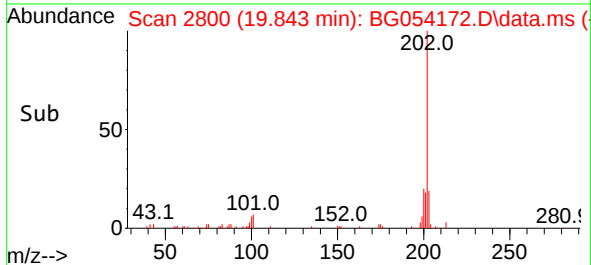
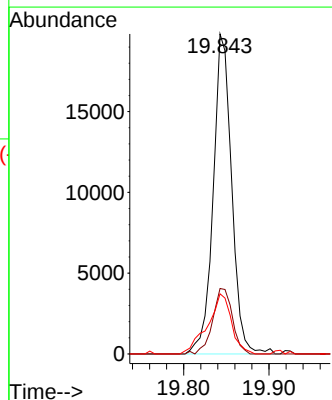
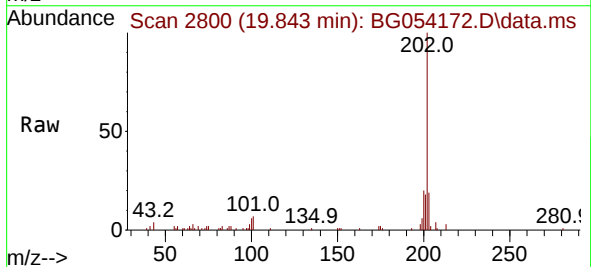
Instrument :
BNA_G
ClientSampleId :
D-46-UC

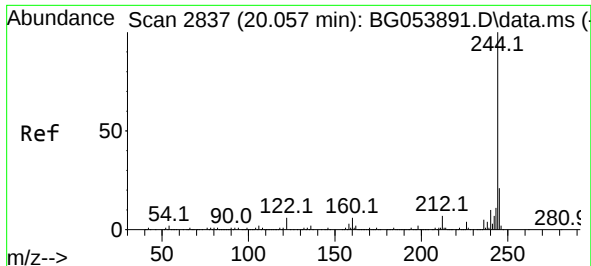
Tgt Ion:240 Resp: 189848
Ion Ratio Lower Upper
240 100
120 5.4 4.6 7.0
236 24.8 20.2 30.4



#78
Pyrene
Concen: 2.607 ng
RT: 19.843 min Scan# 2800
Delta R.T. -0.008 min
Lab File: BG054172.D
Acq: 30 Jun 2022 16:46

Tgt Ion:202 Resp: 29888
Ion Ratio Lower Upper
202 100
200 20.4 16.6 24.8
203 18.8 14.6 21.8

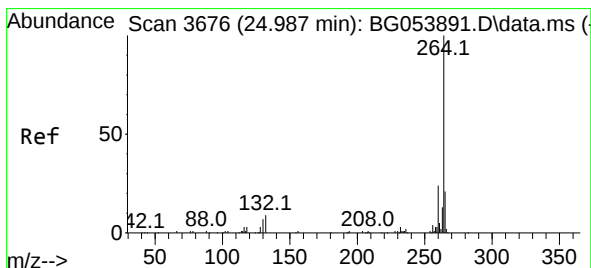
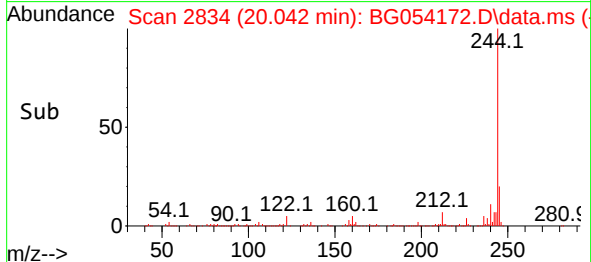
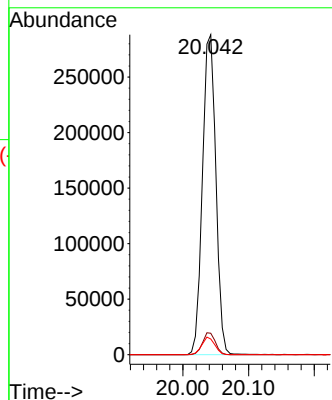
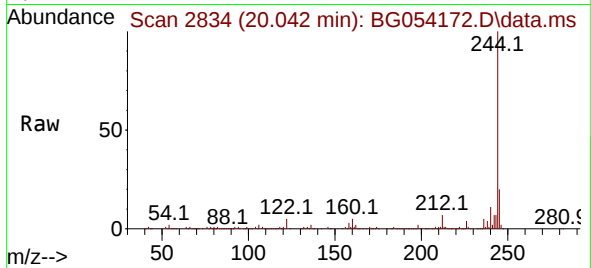




#79
 Terphenyl-d14
 Concen: 43.549 ng
 RT: 20.042 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG054172.D
 Acq: 30 Jun 2022 16:46

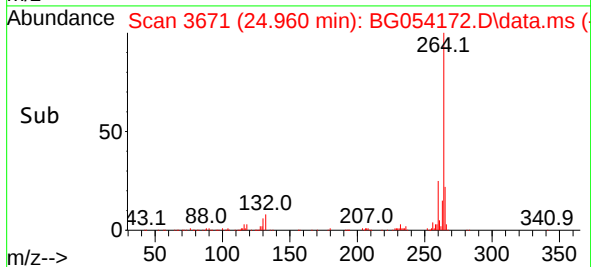
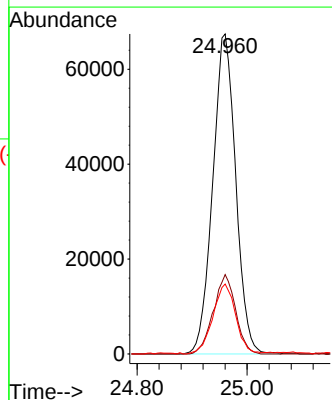
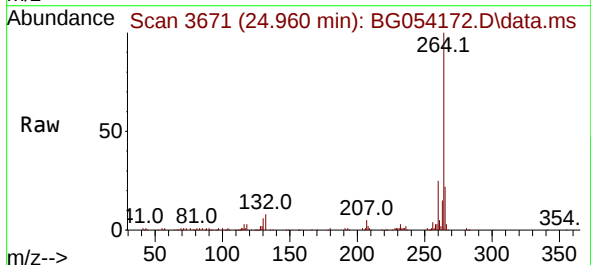
Instrument :
 BNA_G
 ClientSampleId :
 D-46-UC

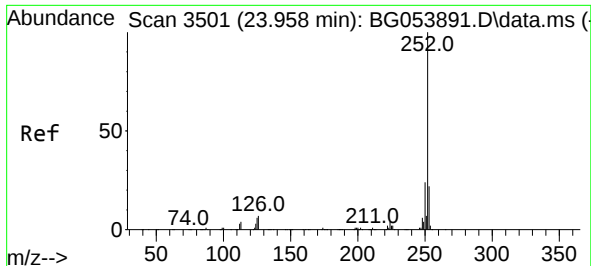
Tgt Ion:244 Resp: 410499
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.5 9.7
 122 4.9 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.960 min Scan# 3671
 Delta R.T. -0.002 min
 Lab File: BG054172.D
 Acq: 30 Jun 2022 16:46

Tgt Ion:264 Resp: 195620
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.0 28.6
 265 21.9 17.4 26.2

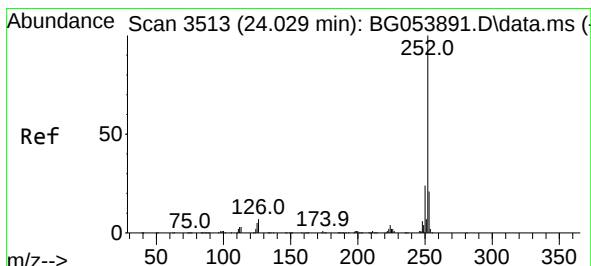
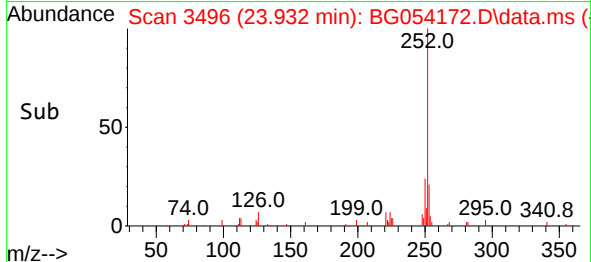
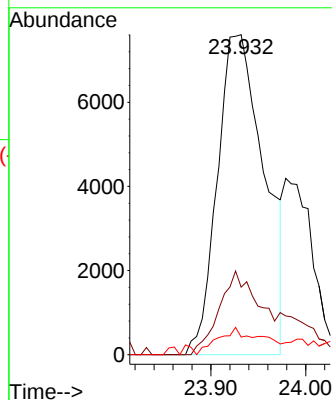
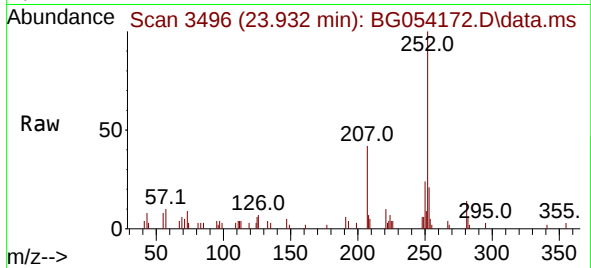




#88
Benzo(b)fluoranthene
Concen: 2.192 ng
RT: 23.932 min Scan# 3496
Delta R.T. -0.002 min
Lab File: BG054172.D
Acq: 30 Jun 2022 16:46

Instrument :
BNA_G
ClientSampleId :
D-46-UC

Tgt Ion:252 Resp: 26067
Ion Ratio Lower Upper
252 100
253 21.1 18.0 27.0
125 5.5 4.6 6.8



#89
Benzo(k)fluoranthene
Concen: 2.214 ng
RT: 23.932 min Scan# 3496
Delta R.T. -0.073 min
Lab File: BG054172.D
Acq: 30 Jun 2022 16:46

Tgt Ion:252 Resp: 26067
Ion Ratio Lower Upper
252 100
253 21.1 18.4 27.6
125 5.5 4.8 7.2

