

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053123\
 Data File : BG057631.D
 Acq On : 31 May 2023 21:29
 Operator : CG/JU
 Sample : 02981-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Jun 01 03:57:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

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

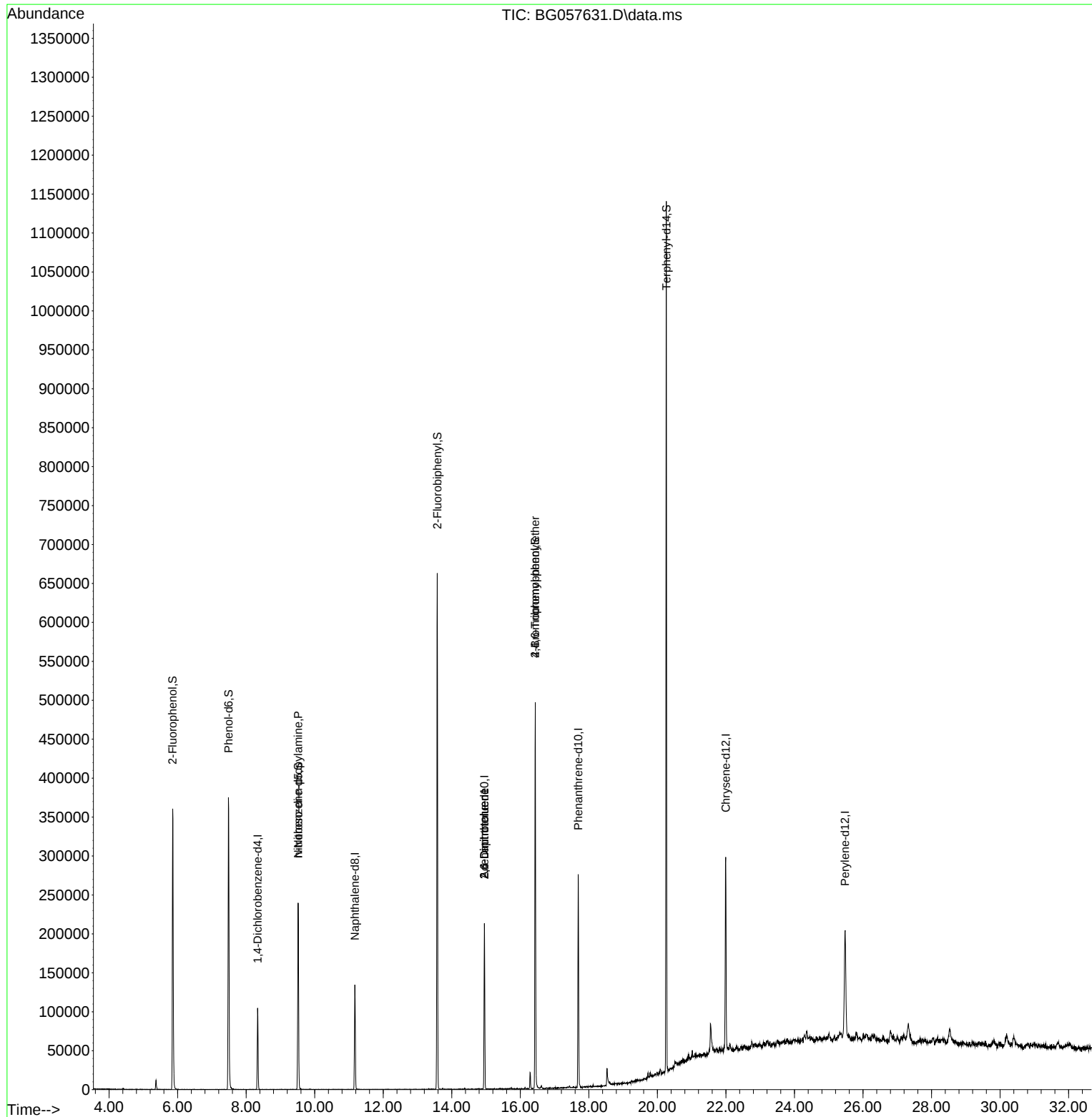
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.336	152	29999	20.000	ng	0.00
21) Naphthalene-d8	11.173	136	116042	20.000	ng	0.00
39) Acenaphthene-d10	14.951	164	77801	20.000	ng	0.00
64) Phenanthrene-d10	17.688	188	182335	20.000	ng	0.00
76) Chrysene-d12	21.994	240	159784	20.000	ng	0.00
86) Perylene-d12	25.478	264	170722	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.857	112	177303	102.680	ng	0.00
7) Phenol-d6	7.484	99	251361	93.016	ng	0.00
23) Nitrobenzene-d5	9.517	82	157302	63.367	ng	0.00
42) 2,4,6-Tribromophenol	16.437	330	103665	83.224	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	354049	65.399	ng	0.00
79) Terphenyl-d14	20.261	244	587143	63.652	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.517	70	21230	11.308	ng	Qvalue # 79
51) 2,6-Dinitrotoluene	14.951	165	10130	7.380	ng	# 27
57) 2,4-Dinitrotoluene	14.951	165	10130	4.929	ng	# 25
67) 4-Bromophenyl-phenylether	16.437	248	6993	3.419	ng	# 1

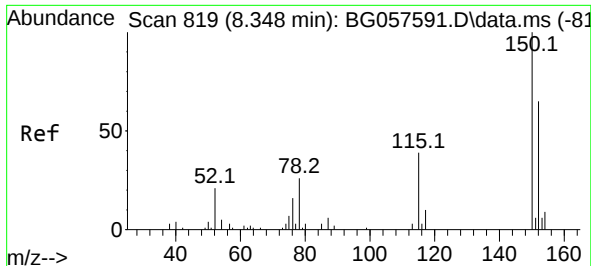
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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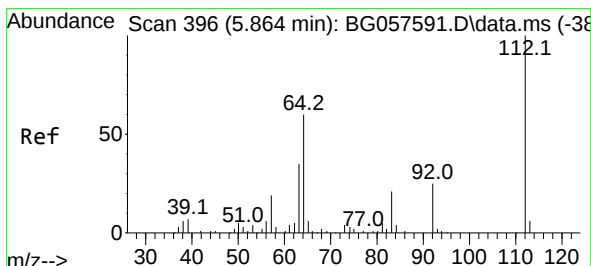
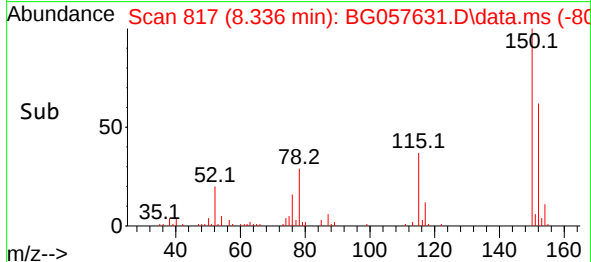
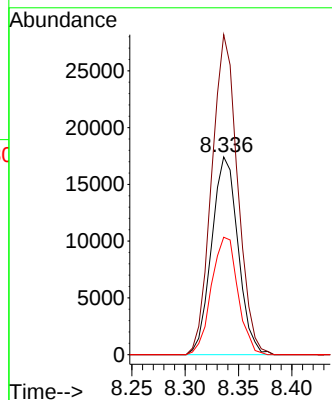
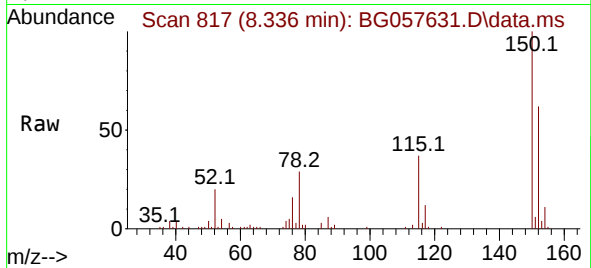




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.336 min Scan# 819
Delta R.T. 0.002 min
Lab File: BG057631.D
Acq: 31 May 2023 21:29

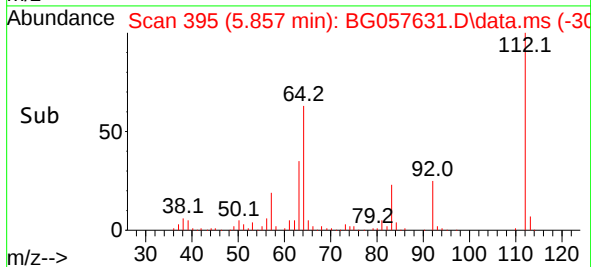
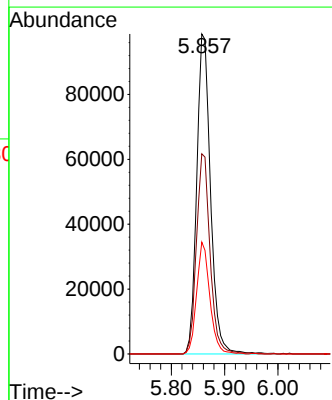
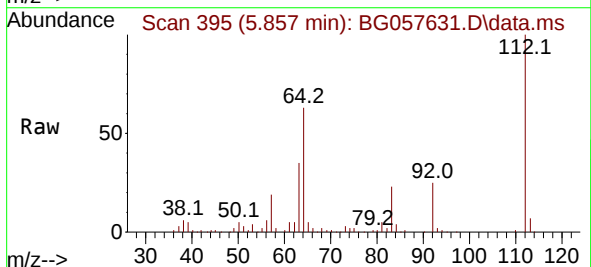
Instrument :
BNA_G
ClientSampleId :
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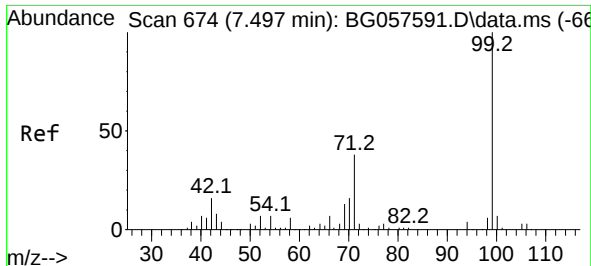
Tgt Ion:152 Resp: 29999
Ion Ratio Lower Upper
152 100
150 161.8 123.0 184.4
115 59.4 47.4 71.2



#5
2-Fluorophenol
Concen: 102.680 ng
RT: 5.857 min Scan# 395
Delta R.T. 0.002 min
Lab File: BG057631.D
Acq: 31 May 2023 21:29

Tgt Ion:112 Resp: 177303
Ion Ratio Lower Upper
112 100
64 62.6 47.8 71.6
63 35.0 27.8 41.8

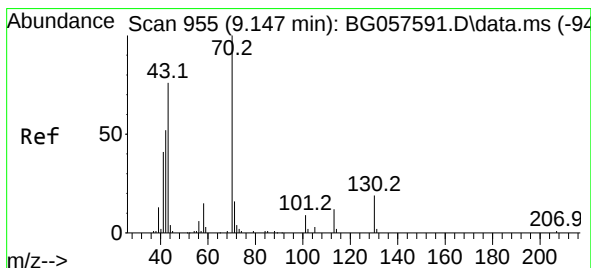
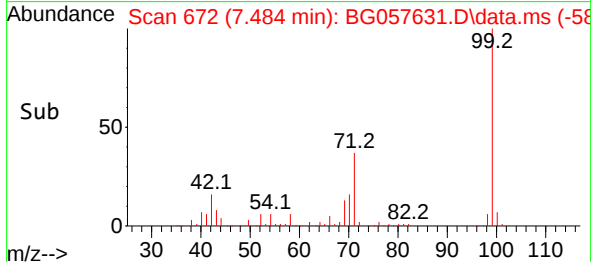
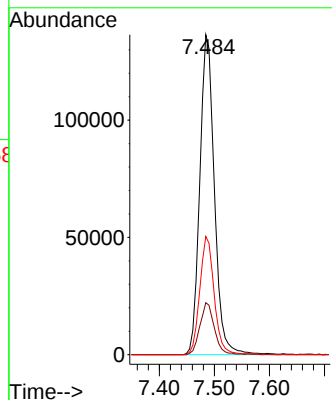
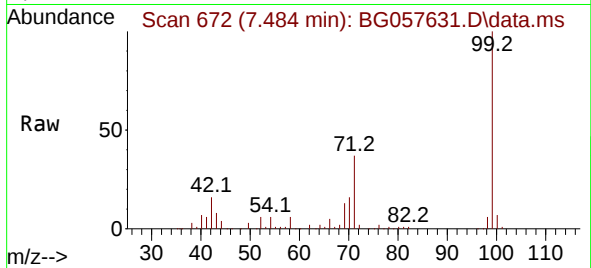




#7
Phenol-d6
Concen: 93.016 ng
RT: 7.484 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057631.D
Acq: 31 May 2023 21:29

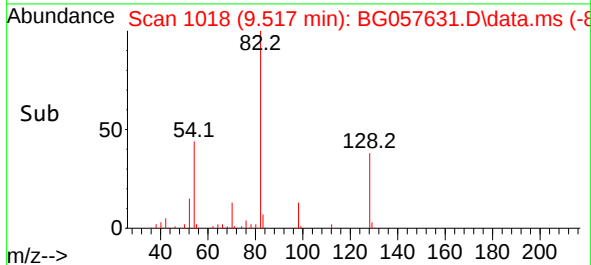
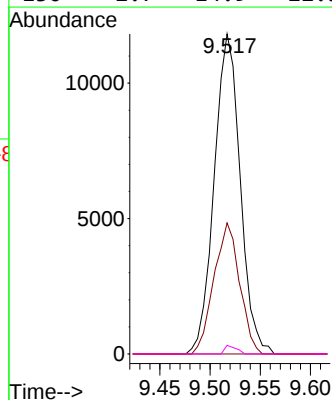
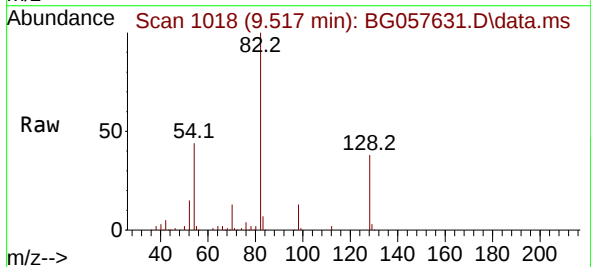
Instrument :
BNA_G
ClientSampleId :
TP-3

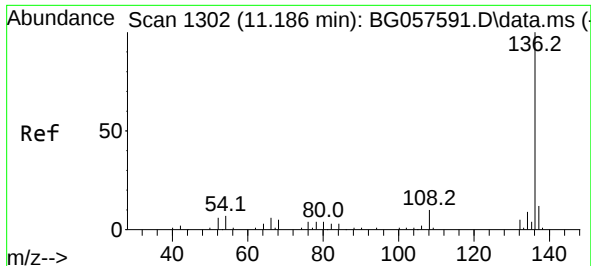
Tgt Ion: 99 Resp: 251361
Ion Ratio Lower Upper
99 100
42 16.3 12.8 19.2
71 37.0 30.3 45.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.308 ng
RT: 9.517 min Scan# 1018
Delta R.T. 0.378 min
Lab File: BG057631.D
Acq: 31 May 2023 21:29

Tgt Ion: 70 Resp: 21230
Ion Ratio Lower Upper
70 100
42 40.9 41.4 62.0#
101 0.0 6.9 10.3#
130 2.7 14.9 22.3#

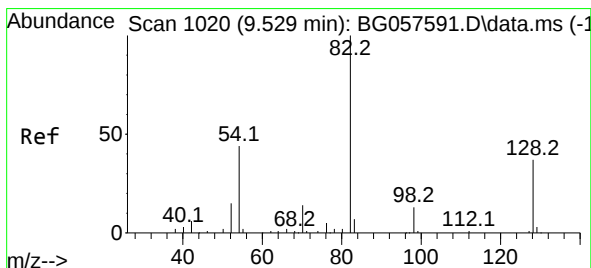
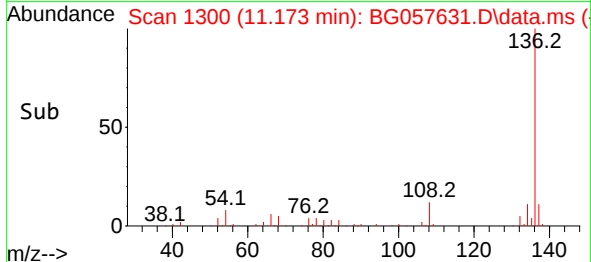
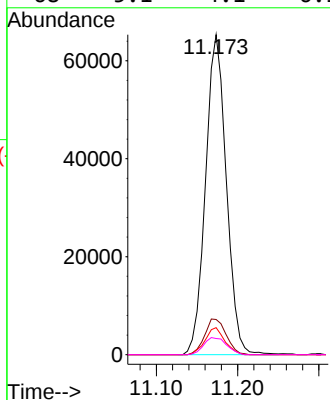
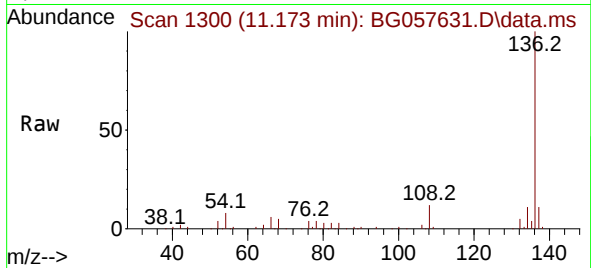




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.173 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057631.D
Acq: 31 May 2023 21:29

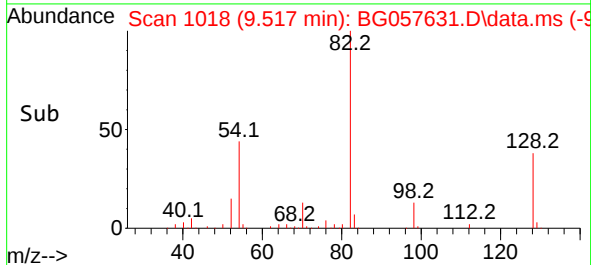
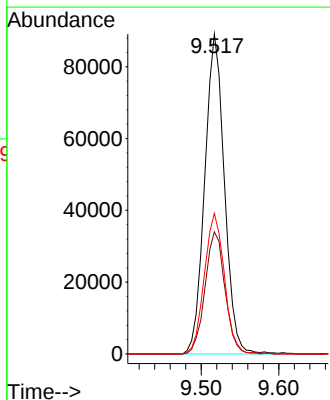
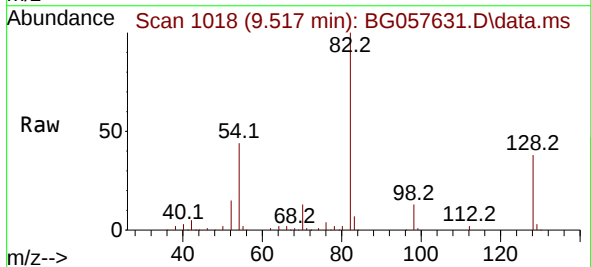
Instrument :
BNA_G
ClientSampleId :
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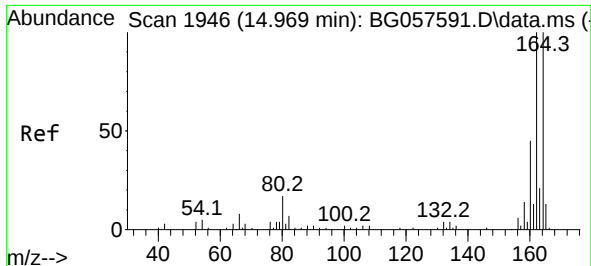
Tgt Ion:	136	Resp:	116042
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.8	14.8
54	8.5	5.8	8.6
68	5.1	4.1	6.1



#23
Nitrobenzene-d5
Concen: 63.367 ng
RT: 9.517 min Scan# 1018
Delta R.T. -0.003 min
Lab File: BG057631.D
Acq: 31 May 2023 21:29

Tgt Ion:	82	Resp:	157302
Ion Ratio	Lower	Upper	
82	100		
128	38.1	30.0	45.0
54	44.0	35.2	52.8

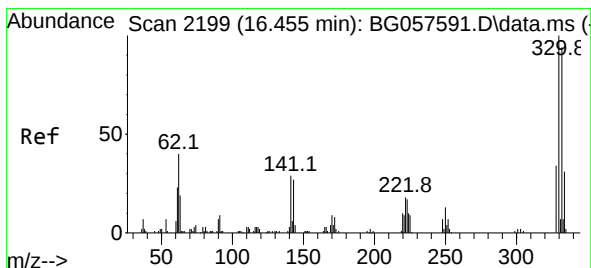
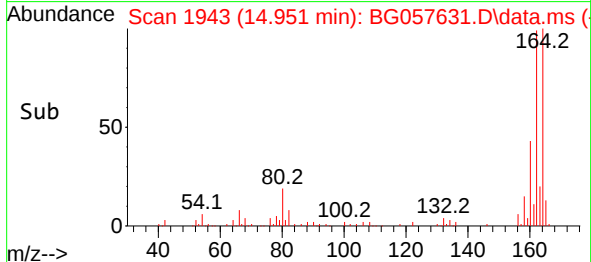
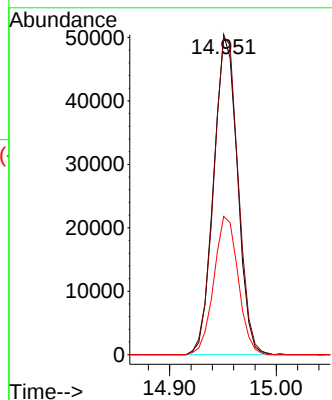
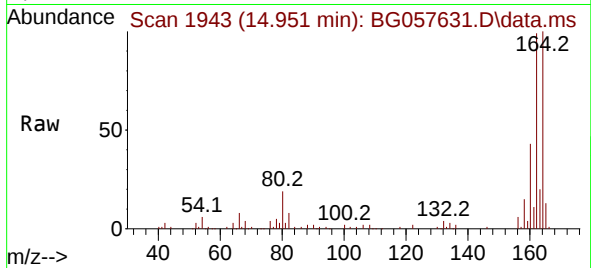




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.951 min Scan# 1943
Delta R.T. -0.009 min
Lab File: BG057631.D
Acq: 31 May 2023 21:29

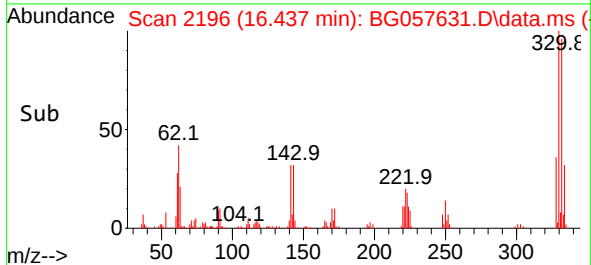
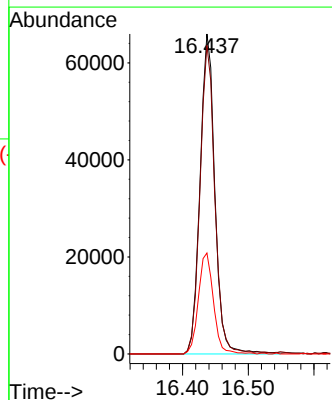
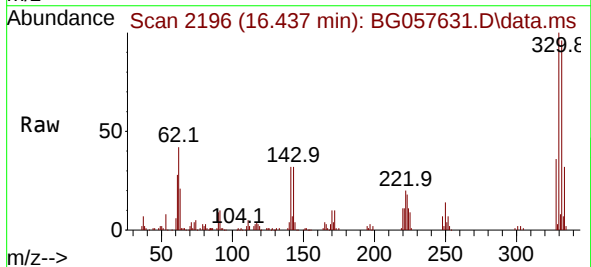
Instrument :
BNA_G
ClientSampleId :
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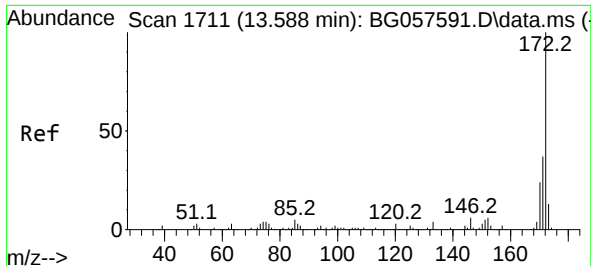
Tgt Ion:164 Resp: 77801
Ion Ratio Lower Upper
164 100
162 99.5 80.1 120.1
160 43.2 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 83.224 ng
RT: 16.437 min Scan# 2196
Delta R.T. -0.009 min
Lab File: BG057631.D
Acq: 31 May 2023 21:29

Tgt Ion:330 Resp: 103665
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 32.1 24.6 37.0

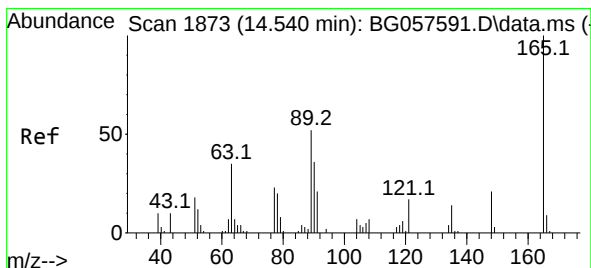
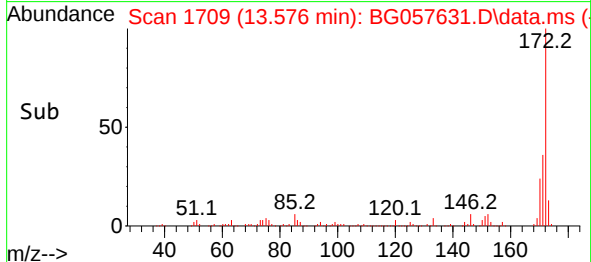
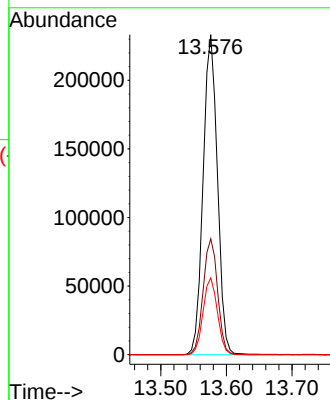
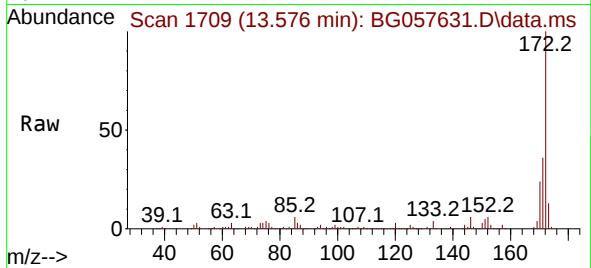




#45
2-Fluorobiphenyl
Concen: 65.399 ng
RT: 13.576 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057631.D
Acq: 31 May 2023 21:29

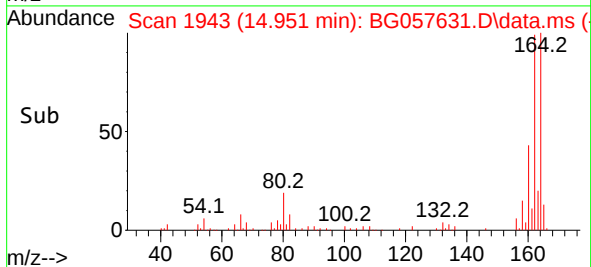
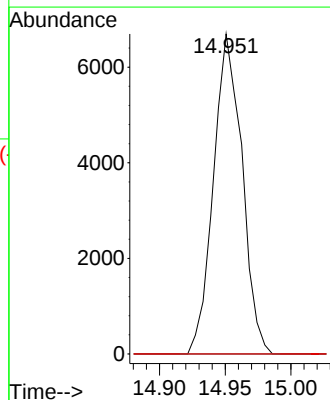
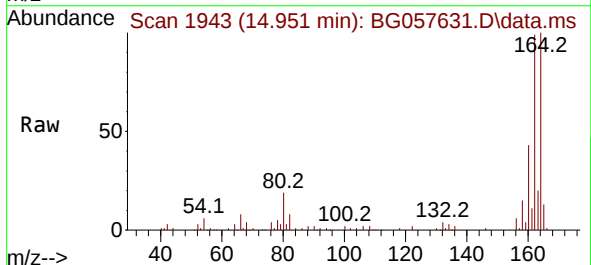
Instrument :
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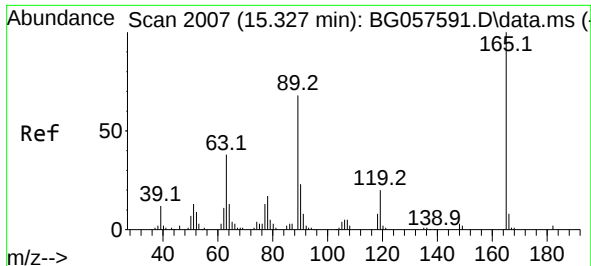
Tgt Ion:172 Resp: 354049
Ion Ratio Lower Upper
172 100
171 36.2 29.2 43.8
170 24.0 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 7.380 ng
RT: 14.951 min Scan# 1943
Delta R.T. 0.420 min
Lab File: BG057631.D
Acq: 31 May 2023 21:29

Tgt Ion:165 Resp: 10130
Ion Ratio Lower Upper
165 100
63 0.0 39.3 58.9#
89 0.0 41.5 62.3#

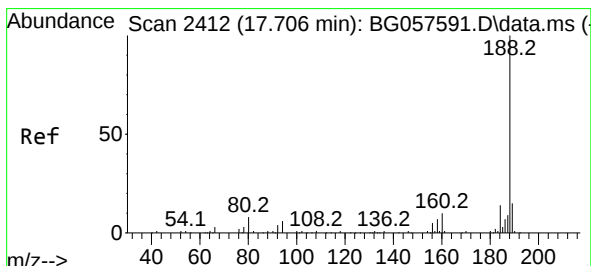
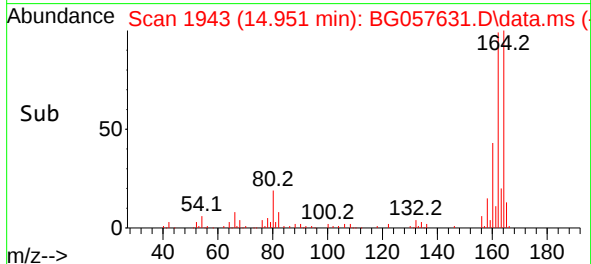
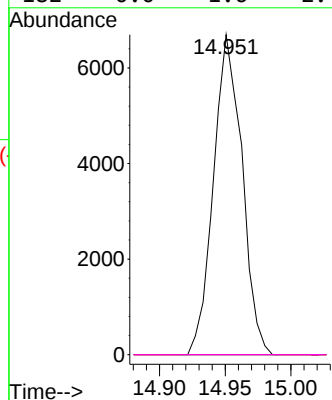
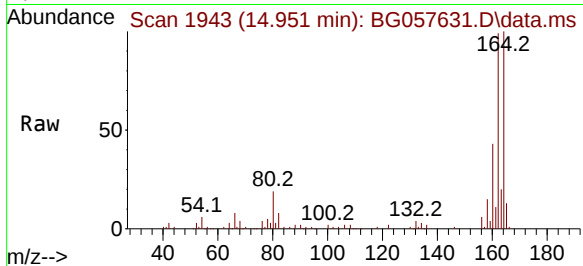




#57
2,4-Dinitrotoluene
Concen: 4.929 ng
RT: 14.951 min Scan# 14
Delta R.T. -0.374 min
Lab File: BG057631.D
Acq: 31 May 2023 21:29

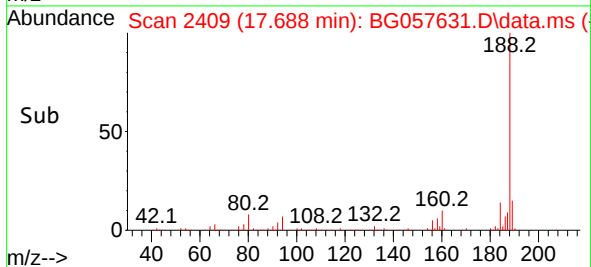
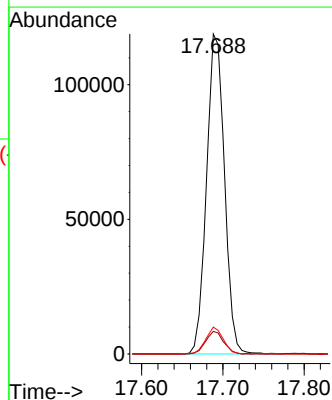
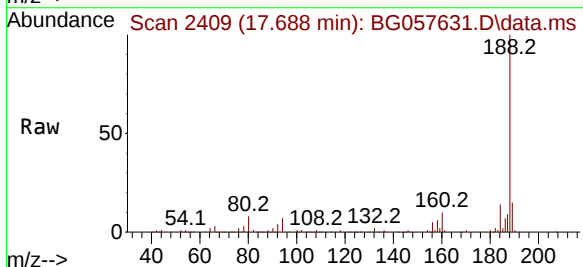
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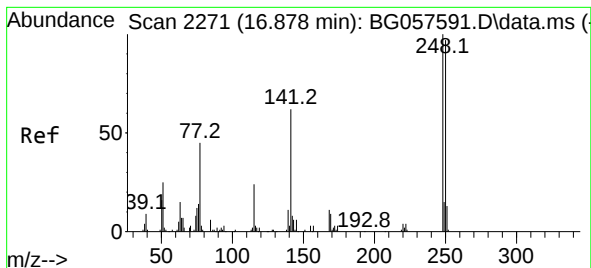
Tgt Ion:165	Resp:	10130
Ion Ratio	Lower	Upper
165	100	
63	0.0	30.6 45.8#
89	0.0	54.2 81.2#
182	0.0	1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.688 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BG057631.D
Acq: 31 May 2023 21:29

Tgt Ion:188	Resp:	182335
Ion Ratio	Lower	Upper
188	100	
94	7.1	5.2 7.8
80	8.4	6.7 10.1

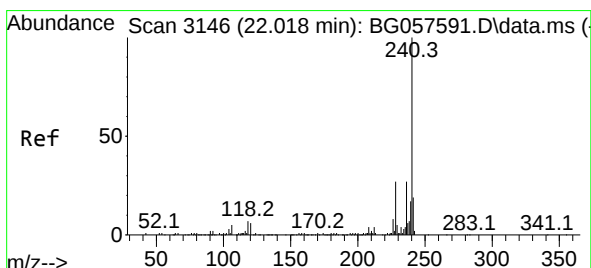
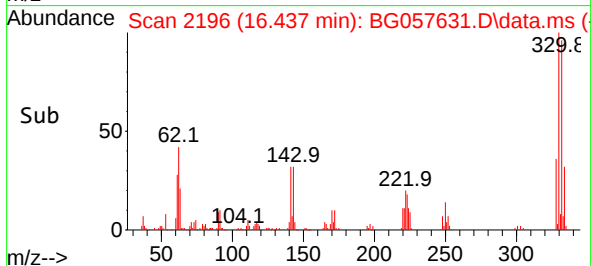
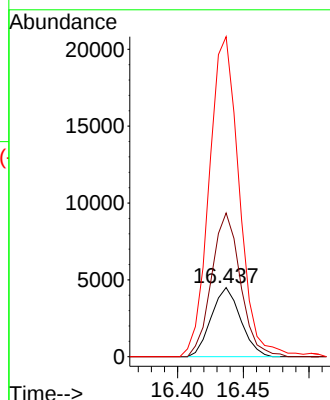
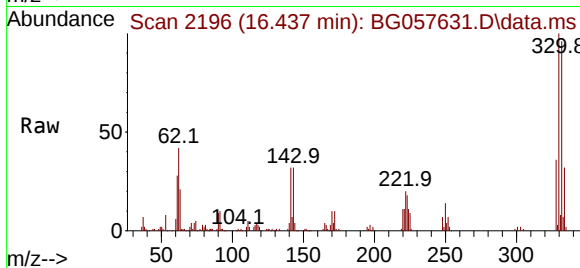




#67
4-Bromophenyl-phenylether
Concen: 3.419 ng
RT: 16.437 min Scan# 2196
Delta R.T. -0.432 min
Lab File: BG057631.D
Acq: 31 May 2023 21:29

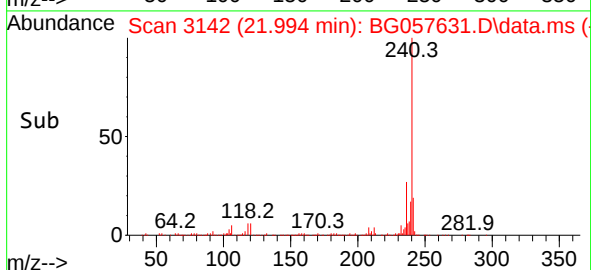
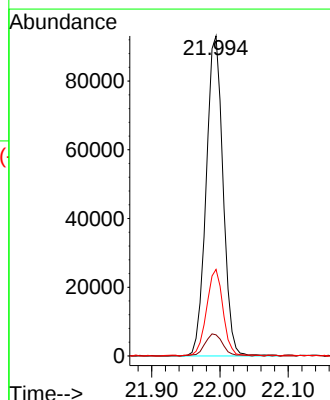
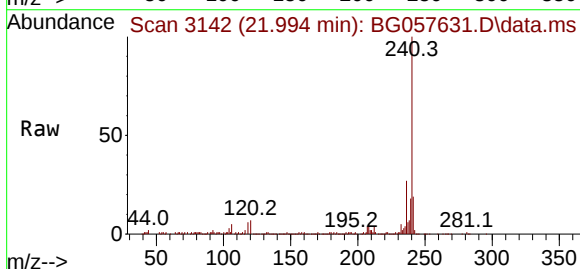
Instrument :
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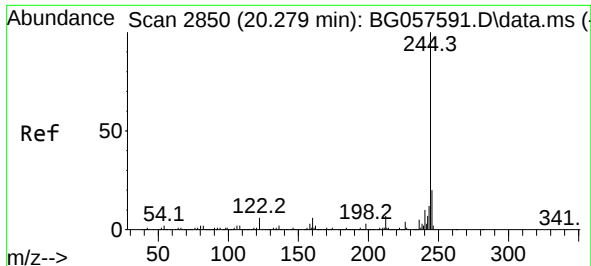
Tgt Ion:248 Resp: 6993
Ion Ratio Lower Upper
248 100
250 208.2 77.4 116.2#
141 463.5 49.4 74.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.994 min Scan# 3142
Delta R.T. -0.009 min
Lab File: BG057631.D
Acq: 31 May 2023 21:29

Tgt Ion:240 Resp: 159784
Ion Ratio Lower Upper
240 100
120 6.6 5.2 7.8
236 27.1 21.4 32.0

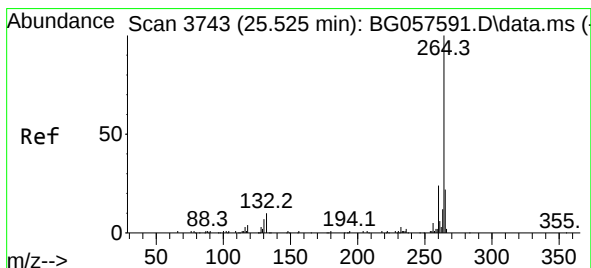
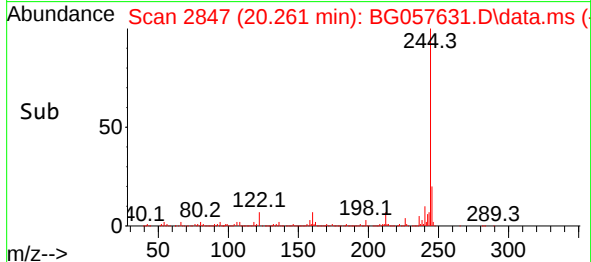
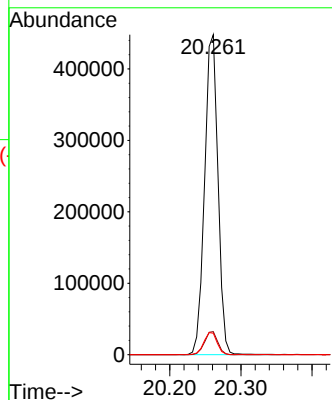
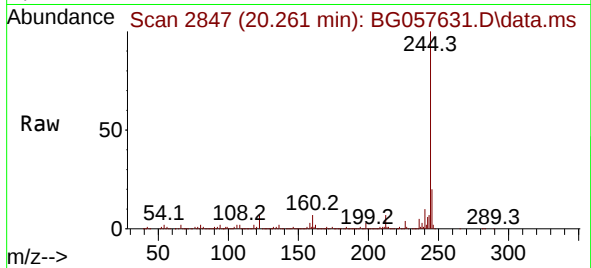




#79
 Terphenyl-d14
 Concen: 63.652 ng
 RT: 20.261 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057631.D
 Acq: 31 May 2023 21:29

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tgt Ion:244 Resp: 587143
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 6.7 4.8 7.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.478 min Scan# 3735
 Delta R.T. -0.021 min
 Lab File: BG057631.D
 Acq: 31 May 2023 21:29

Tgt Ion:264 Resp: 170722
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 22.2 17.7 26.5

