

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012323\
 Data File : BG056387.D
 Acq On : 23 Jan 2023 17:05
 Operator : CG/JU
 Sample : 01251-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Quant Time: Jan 24 01:22:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:31:30 2023
 Response via : Initial Calibration

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

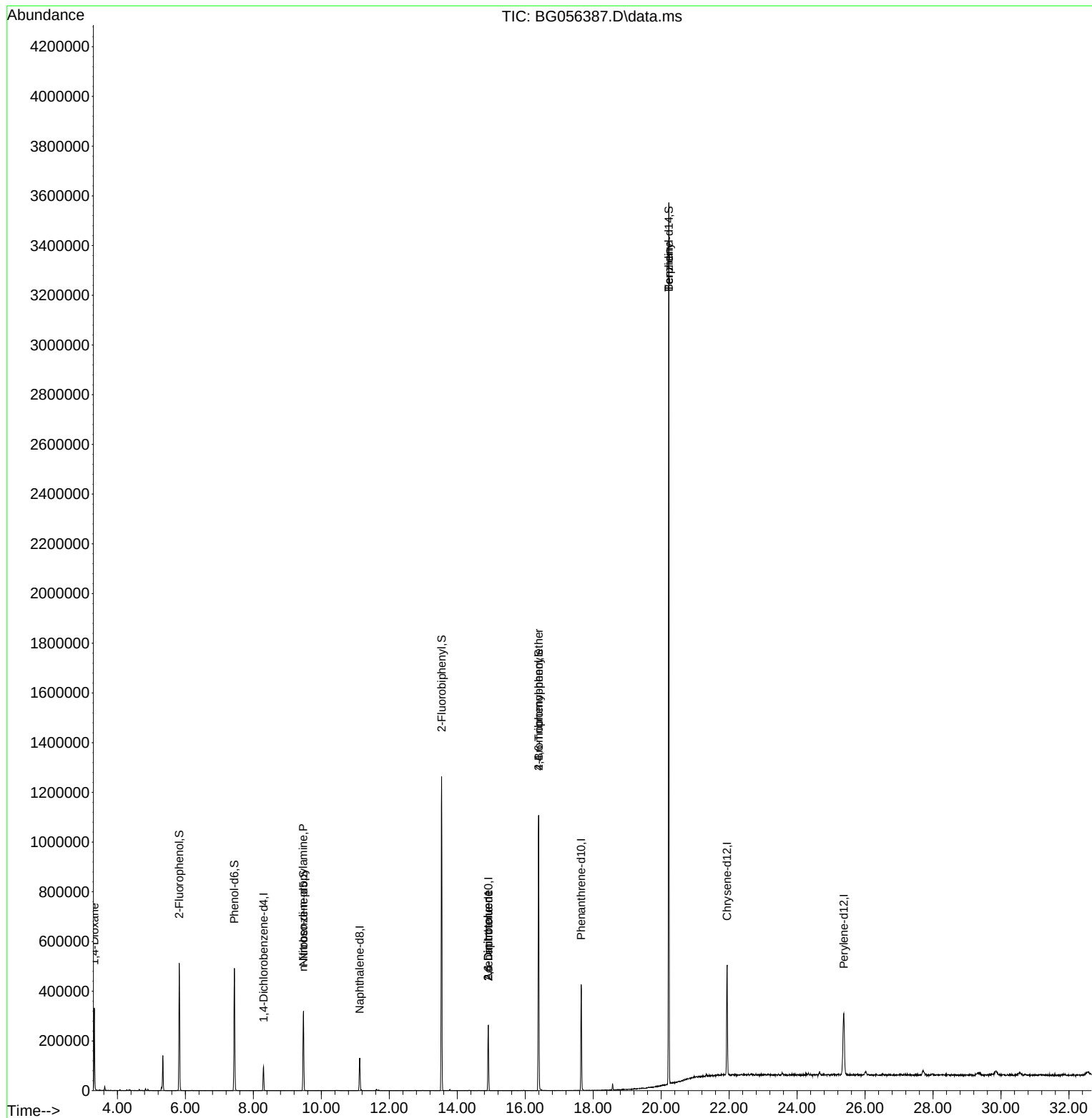
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.300	152	33830	20.000	ng	0.00
21) Naphthalene-d8	11.132	136	126507	20.000	ng	0.00
39) Acenaphthene-d10	14.915	164	105912	20.000	ng	0.00
64) Phenanthrene-d10	17.648	188	305471	20.000	ng	-0.01
76) Chrysene-d12	21.942	240	303190	20.000	ng	#-0.01
86) Perylene-d12	25.374	264	317822	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.820	112	285425	150.643	ng	0.00
7) Phenol-d6	7.442	99	382058	131.303	ng	0.00
23) Nitrobenzene-d5	9.475	82	227041	91.801	ng	-0.01
42) 2,4,6-Tribromophenol	16.396	330	244559	182.322	ng	0.00
45) 2-Fluorobiphenyl	13.541	172	735052	95.837	ng	0.00
79) Terphenyl-d14	20.227	244	1826664	107.907	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.323	88	3634	4.199	ng	# 1
19) n-Nitroso-di-n-propyla...	9.469	70	28406	16.054	ng	# 74
51) 2,6-Dinitrotoluene	14.910	165	14309	7.854	ng	# 31
57) 2,4-Dinitrotoluene	14.910	165	14309	5.616	ng	# 28
67) 4-Bromophenyl-phenylether	16.396	248	19572	5.032	ng	# 1
77) Benzidine	20.227	184	25917	2.439	ng	# 90

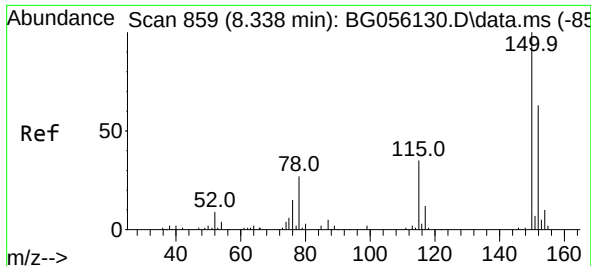
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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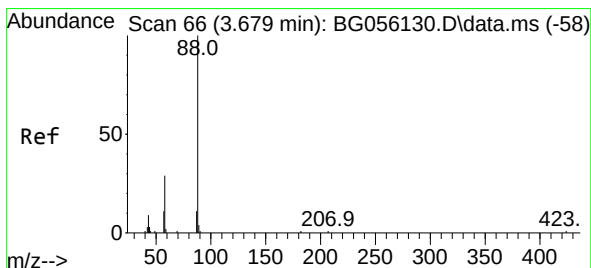
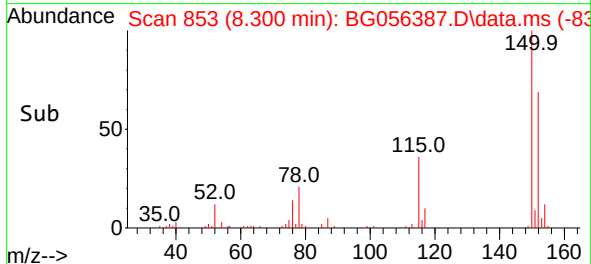
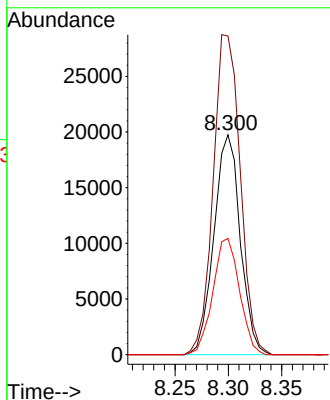
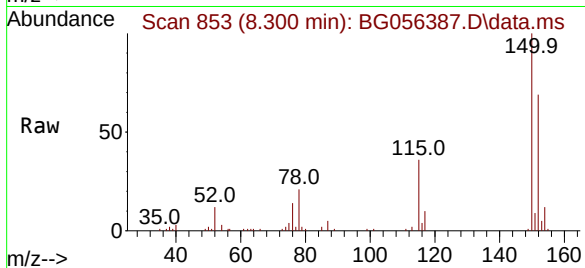




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.300 min Scan# 8
 Delta R.T. -0.006 min
 Lab File: BG056387.D
 Acq: 23 Jan 2023 17:05

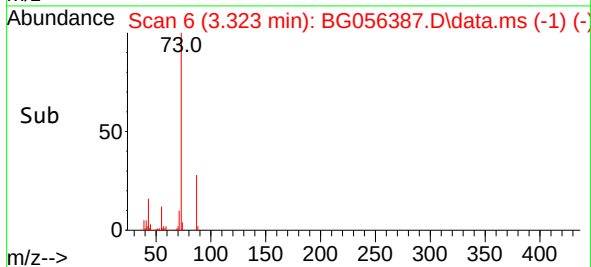
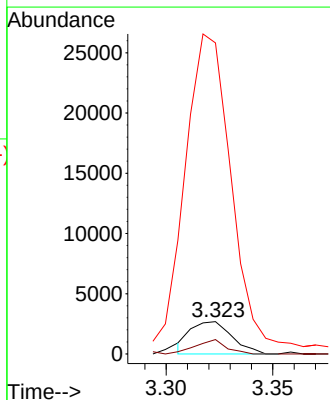
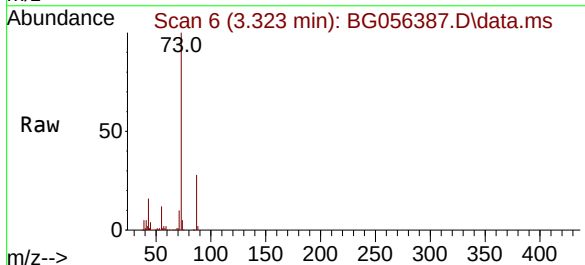
Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

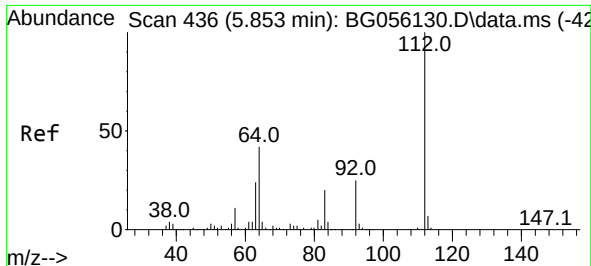
Tgt Ion:152 Resp: 33830
 Ion Ratio Lower Upper
 152 100
 150 145.0 127.9 191.9
 115 52.9 44.2 66.2



#2
 1,4-Dioxane
 Concen: 4.199 ng
 RT: 3.323 min Scan# 6
 Delta R.T. -0.312 min
 Lab File: BG056387.D
 Acq: 23 Jan 2023 17:05

Tgt Ion: 88 Resp: 3634
 Ion Ratio Lower Upper
 88 100
 58 31.2 21.4 32.0
 43 999.6 7.1 10.7#

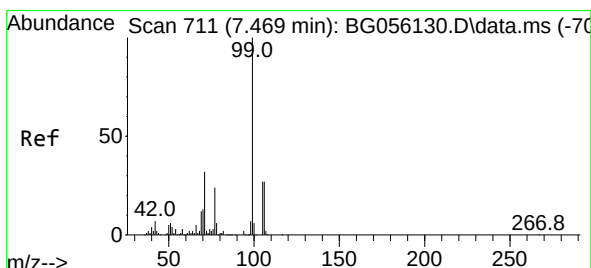
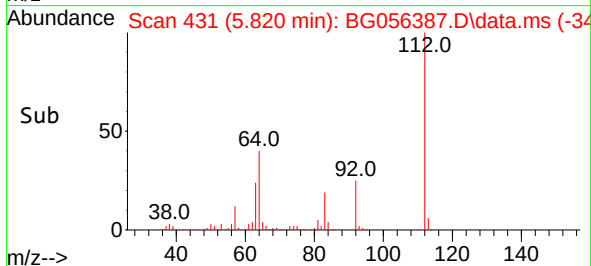
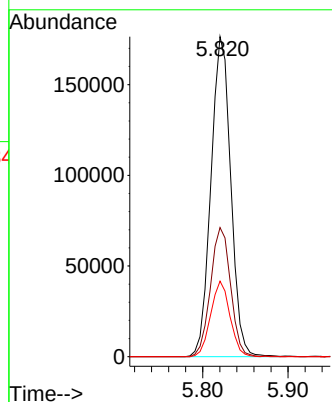
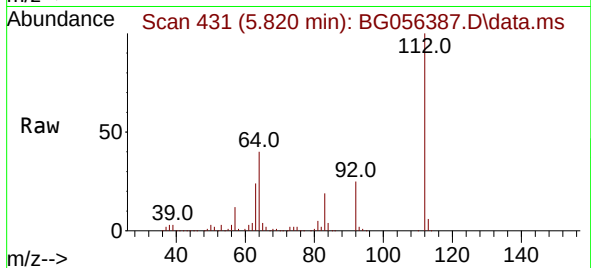




#5
2-Fluorophenol
Concen: 150.643 ng
RT: 5.820 min Scan# 411
Delta R.T. -0.006 min
Lab File: BG056387.D
Acq: 23 Jan 2023 17:05

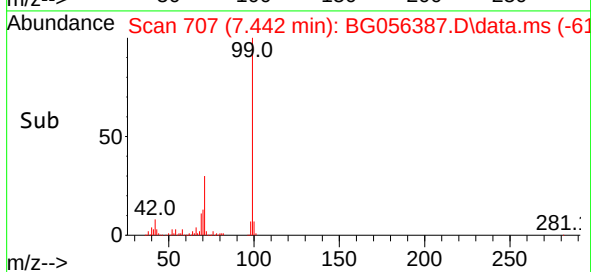
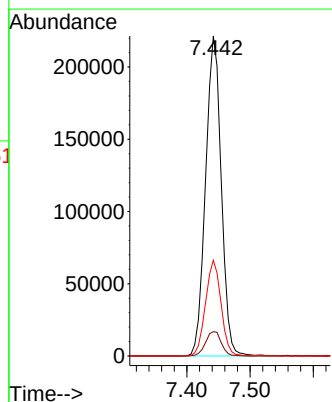
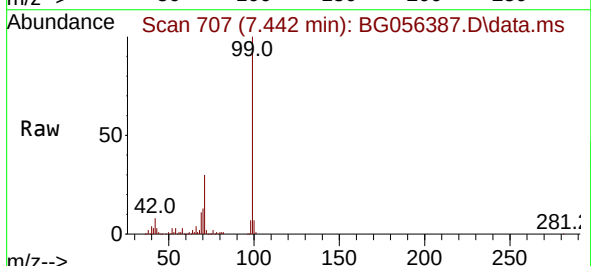
Instrument :
BNA_G
ClientSampleId :
COMP-2

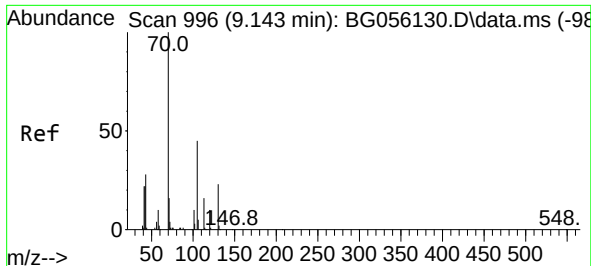
Tgt Ion:112 Resp: 285425
Ion Ratio Lower Upper
112 100
64 40.3 33.3 49.9
63 23.6 19.0 28.4



#7
Phenol-d6
Concen: 131.303 ng
RT: 7.442 min Scan# 707
Delta R.T. -0.006 min
Lab File: BG056387.D
Acq: 23 Jan 2023 17:05

Tgt Ion: 99 Resp: 382058
Ion Ratio Lower Upper
99 100
42 7.6 5.9 8.9
71 29.9 25.4 38.2

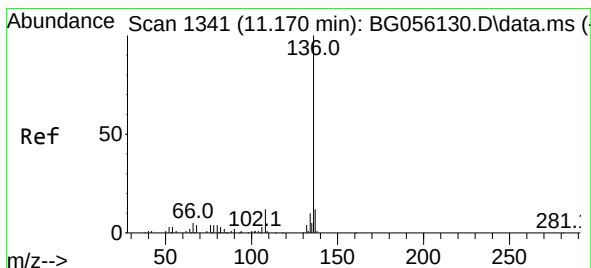
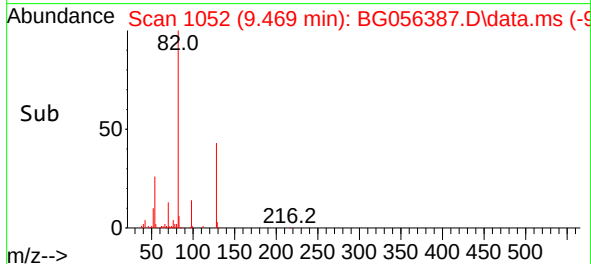
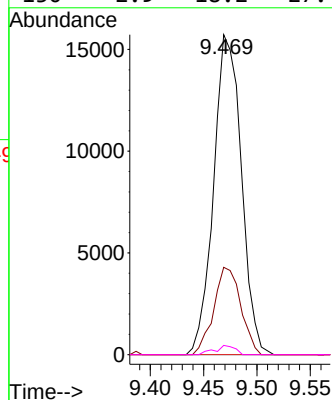
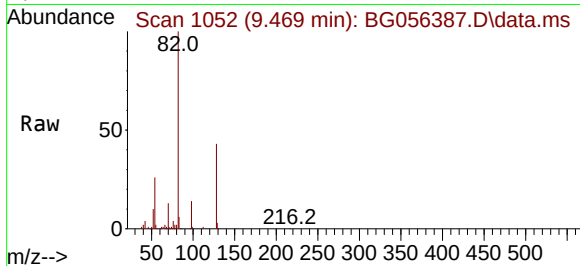




#19
n-Nitroso-di-n-propylamine
Concen: 16.054 ng
RT: 9.469 min Scan# 1052
Delta R.T. 0.358 min
Lab File: BG056387.D
Acq: 23 Jan 2023 17:05

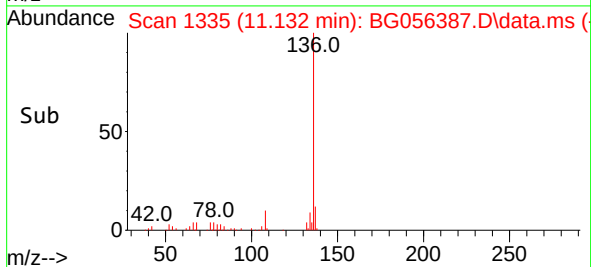
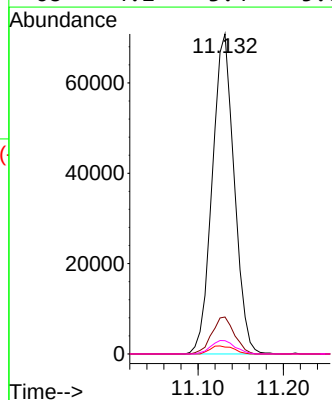
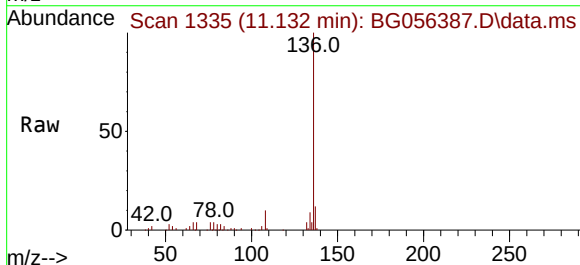
Instrument :
BNA_G
ClientSampleId :
COMP-2

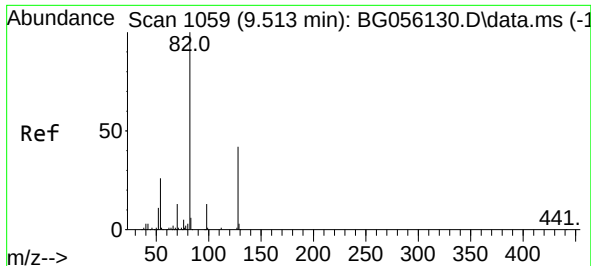
Tgt Ion:	70	Resp:	28406
Ion	Ratio	Lower	Upper
70	100		
42	27.3	18.2	27.2#
101	0.0	8.3	12.5#
130	2.9	18.2	27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.132 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BG056387.D
Acq: 23 Jan 2023 17:05

Tgt Ion:	136	Resp:	126507
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.0
54	2.2	2.2	3.2
68	4.2	3.4	5.0

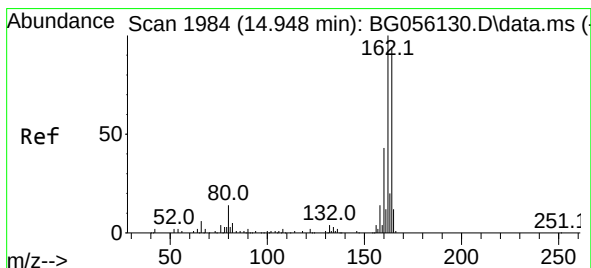
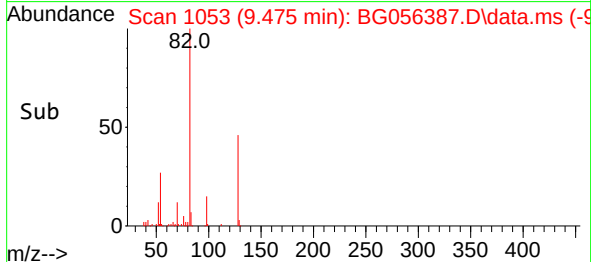
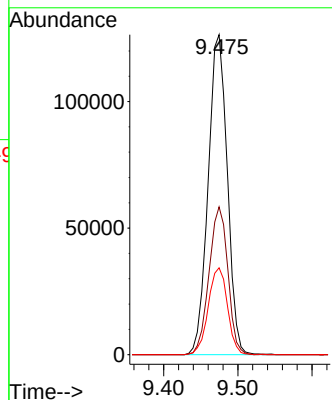
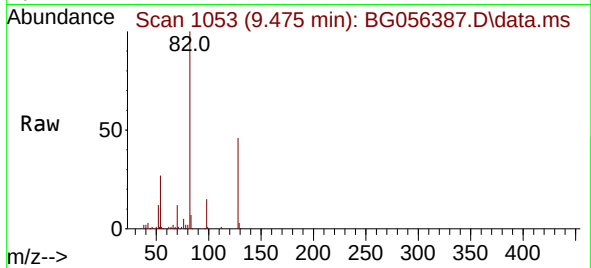




#23
Nitrobenzene-d5
Concen: 91.801 ng
RT: 9.475 min Scan# 1053
Delta R.T. -0.012 min
Lab File: BG056387.D
Acq: 23 Jan 2023 17:05

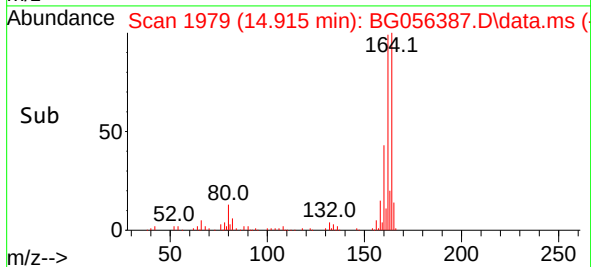
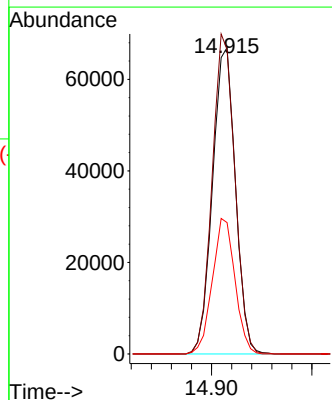
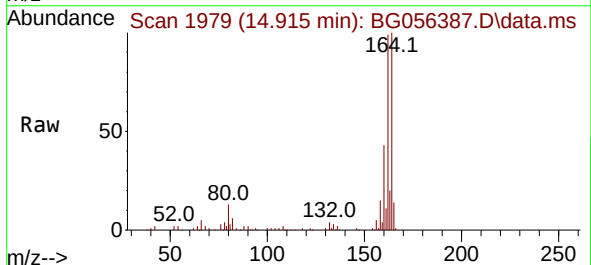
Instrument :
BNA_G
ClientSampleId :
COMP-2

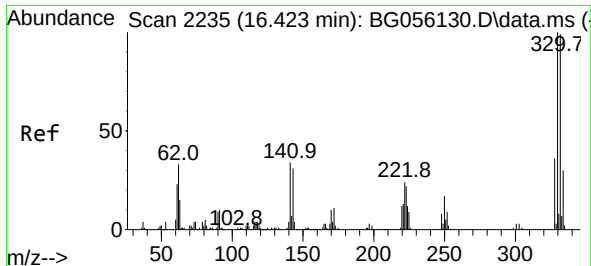
Tgt Ion: 82 Resp: 227041
Ion Ratio Lower Upper
82 100
128 46.2 33.4 50.2
54 27.1 20.3 30.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.915 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BG056387.D
Acq: 23 Jan 2023 17:05

Tgt Ion:164 Resp: 105912
Ion Ratio Lower Upper
164 100
162 99.3 84.7 127.1
160 42.9 36.3 54.5

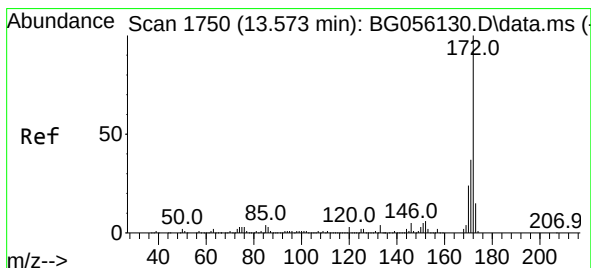
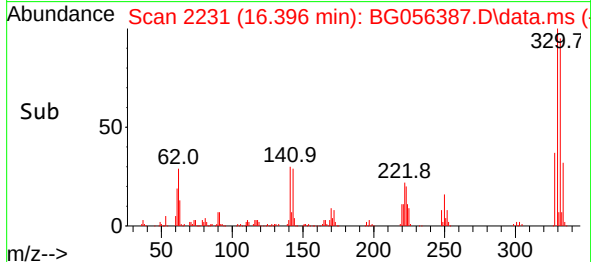
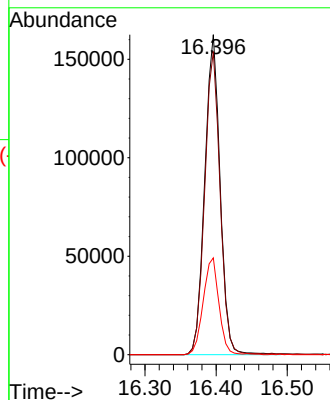
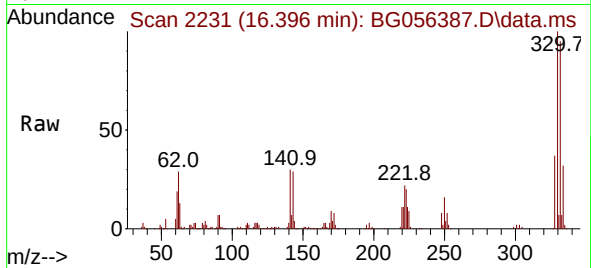




#42
 2,4,6-Tribromophenol
 Concen: 182.322 ng
 RT: 16.396 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG056387.D
 Acq: 23 Jan 2023 17:05

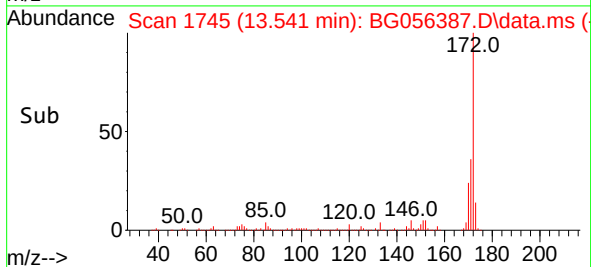
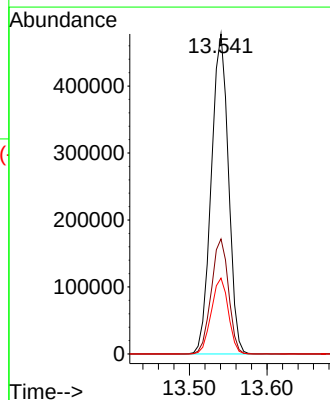
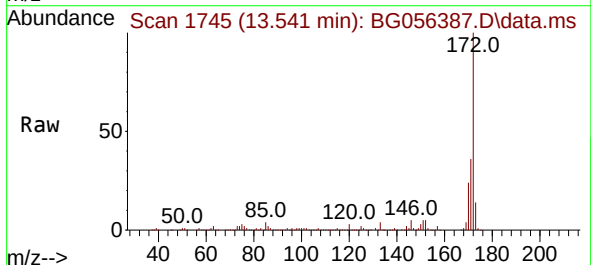
Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

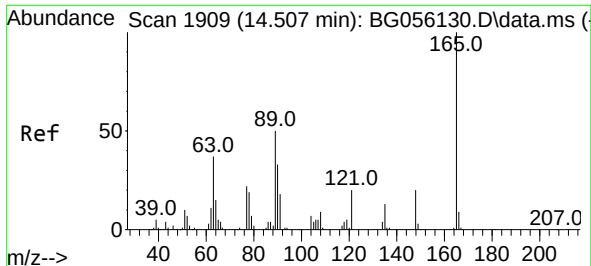
Tgt Ion:330 Resp: 244559
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.3 115.9
 141 31.1 27.9 41.9



#45
 2-Fluorobiphenyl
 Concen: 95.837 ng
 RT: 13.541 min Scan# 1745
 Delta R.T. -0.006 min
 Lab File: BG056387.D
 Acq: 23 Jan 2023 17:05

Tgt Ion:172 Resp: 735052
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.7 19.4 29.2

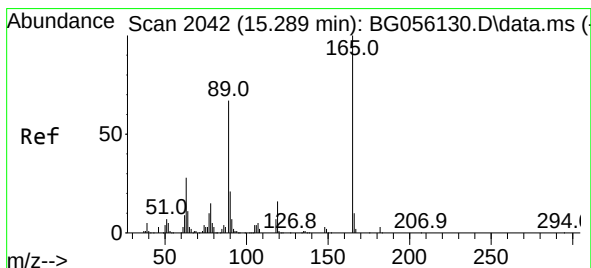
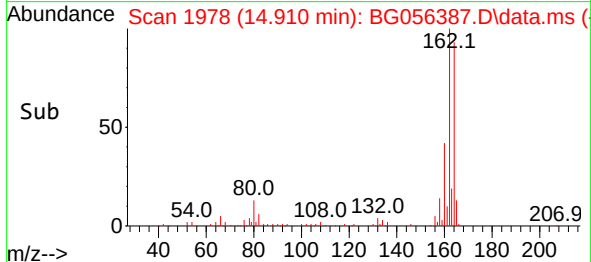
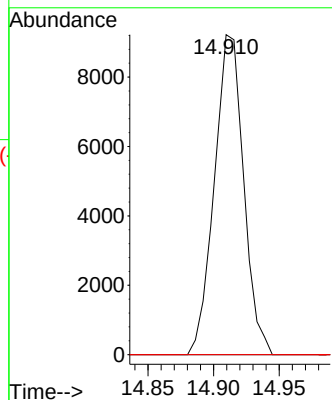
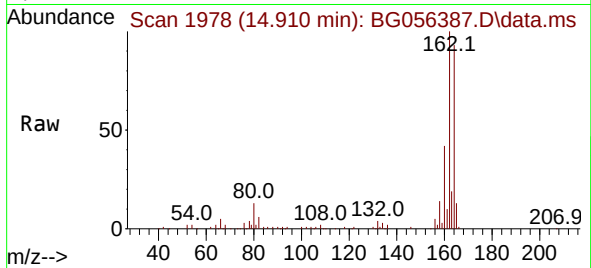




#51
2,6-Dinitrotoluene
Concen: 7.854 ng
RT: 14.910 min Scan# 1909
Delta R.T. 0.423 min
Lab File: BG056387.D
Acq: 23 Jan 2023 17:05

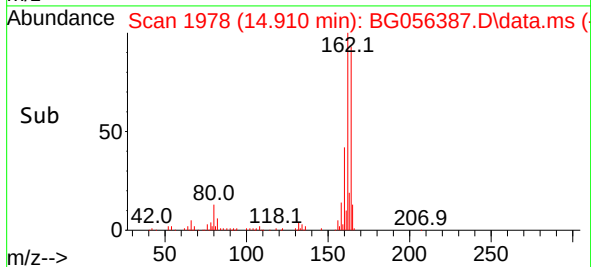
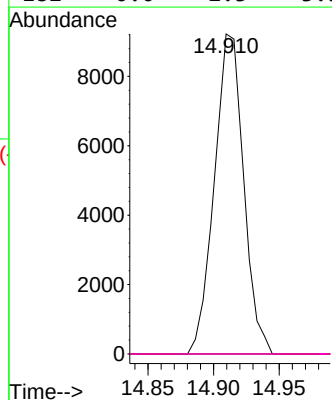
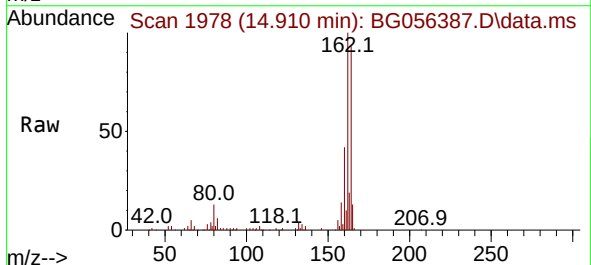
Instrument :
BNA_G
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COMP-2

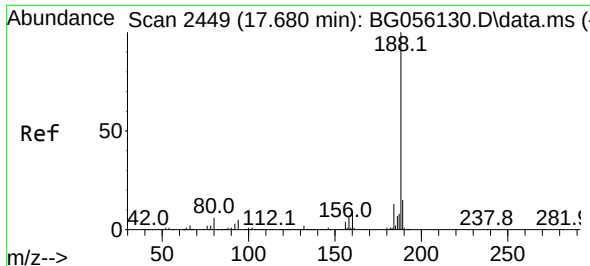
Tgt Ion:165 Resp: 14309
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 0.0 39.8 59.8#



#57
2,4-Dinitrotoluene
Concen: 5.616 ng
RT: 14.910 min Scan# 1978
Delta R.T. -0.365 min
Lab File: BG056387.D
Acq: 23 Jan 2023 17:05

Tgt Ion:165 Resp: 14309
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 0.0 53.2 79.8#
182 0.0 2.3 3.5#

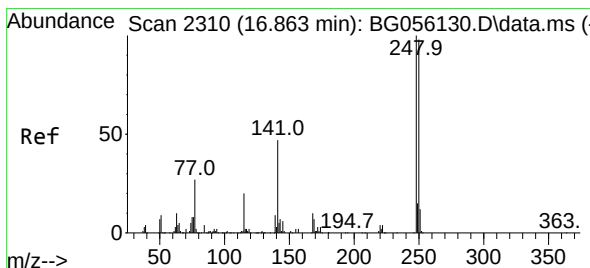
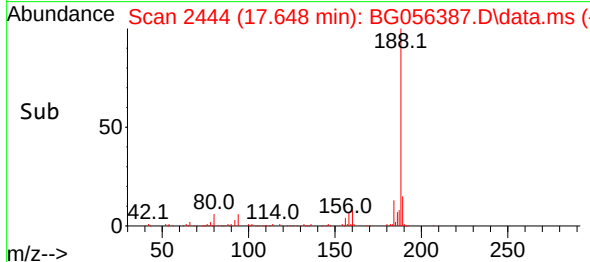
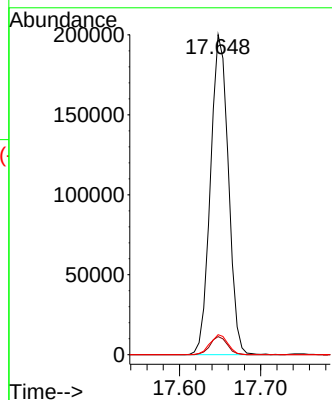
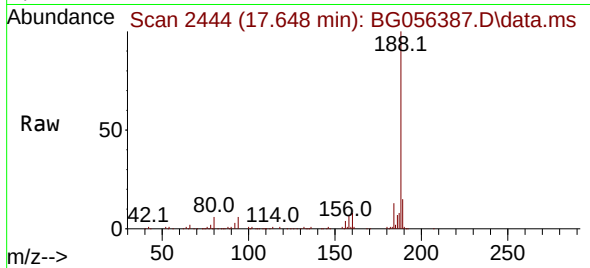




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.648 min Scan# 2449
Delta R.T. -0.012 min
Lab File: BG056387.D
Acq: 23 Jan 2023 17:05

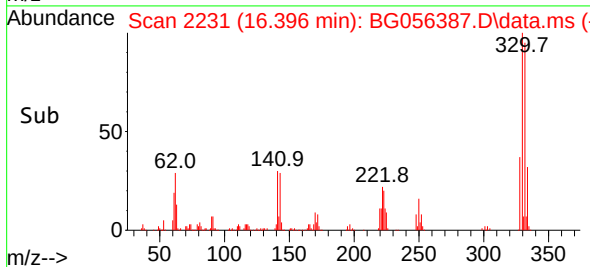
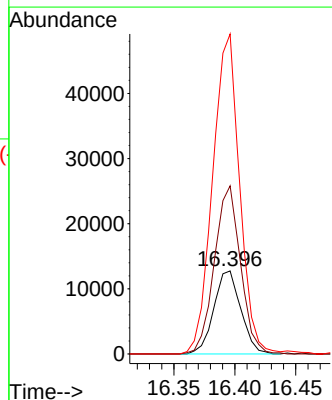
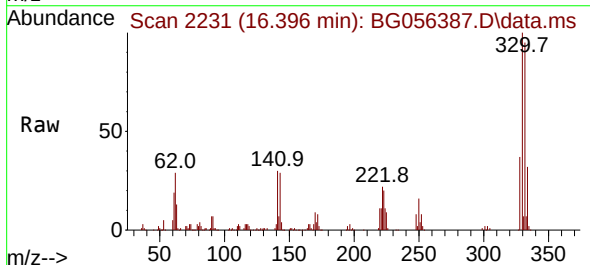
Instrument :
BNA_G
ClientSampleId :
COMP-2

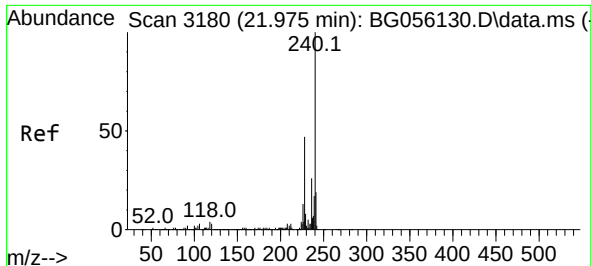
Tgt Ion:188 Resp: 305471
Ion Ratio Lower Upper
188 100
94 5.7 4.2 6.2
80 6.2 5.0 7.4



#67
4-Bromophenyl-phenylether
Concen: 5.032 ng
RT: 16.396 min Scan# 2231
Delta R.T. -0.441 min
Lab File: BG056387.D
Acq: 23 Jan 2023 17:05

Tgt Ion:248 Resp: 19572
Ion Ratio Lower Upper
248 100
250 158.6 78.2 117.4#
141 301.9 37.6 56.4#

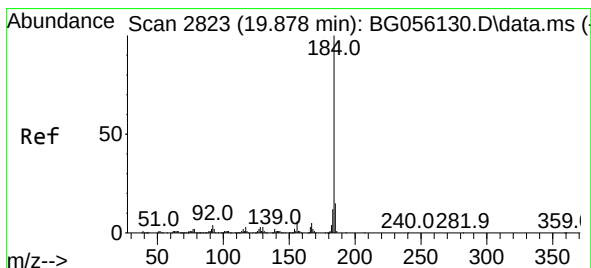
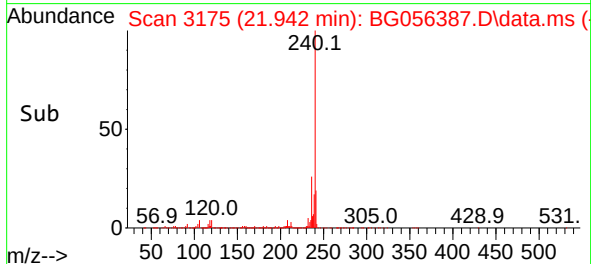
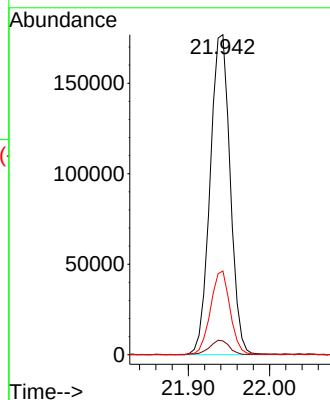
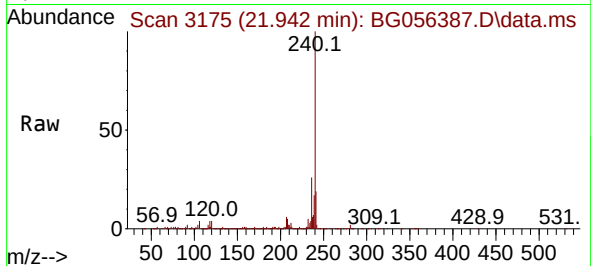




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.942 min Scan# 3180
Delta R.T. -0.012 min
Lab File: BG056387.D
Acq: 23 Jan 2023 17:05

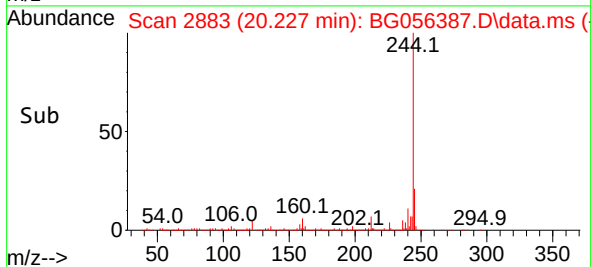
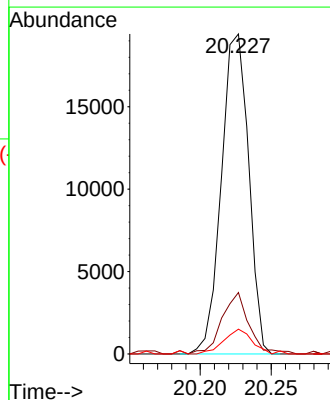
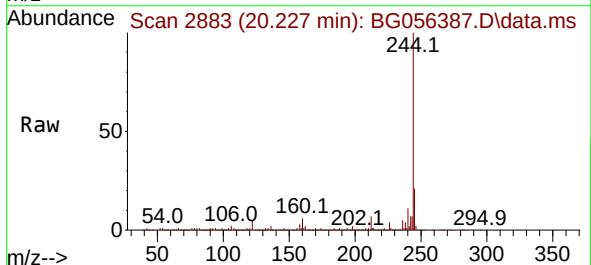
Instrument :
BNA_G
ClientSampleId :
COMP-2

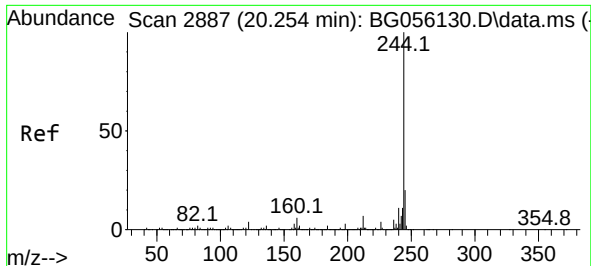
Tgt Ion:240 Resp: 303190
Ion Ratio Lower Upper
240 100
120 4.3 2.6 4.0#
236 26.2 20.8 31.2



#77
Benzidine
Concen: 2.439 ng
RT: 20.227 min Scan# 2883
Delta R.T. 0.370 min
Lab File: BG056387.D
Acq: 23 Jan 2023 17:05

Tgt Ion:184 Resp: 25917
Ion Ratio Lower Upper
184 100
185 19.2 12.2 18.2#
183 7.7 9.4 14.0#

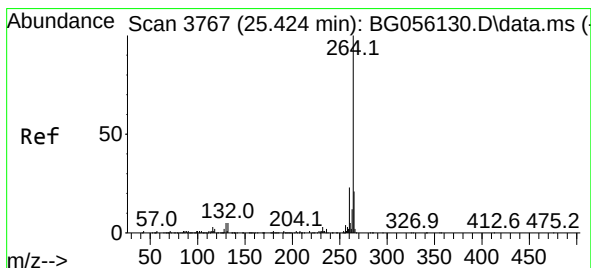
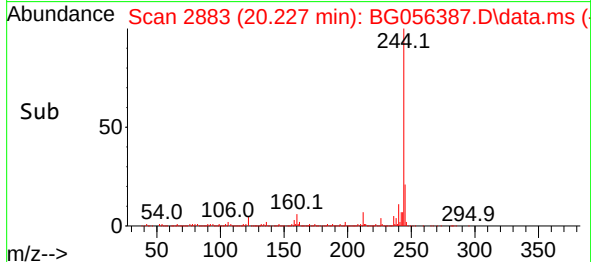
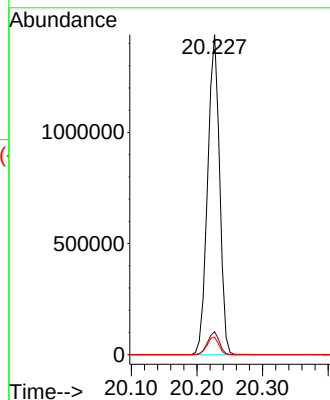
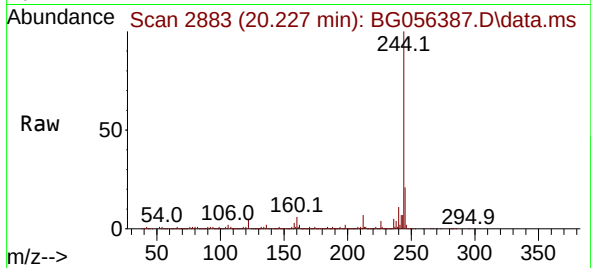




#79
 Terphenyl-d14
 Concen: 107.907 ng
 RT: 20.227 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG056387.D
 Acq: 23 Jan 2023 17:05

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Tgt Ion:244 Resp: 1826664
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 5.5 3.5 5.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.374 min Scan# 3759
 Delta R.T. -0.018 min
 Lab File: BG056387.D
 Acq: 23 Jan 2023 17:05

Tgt Ion:264 Resp: 317822
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 21.7 16.7 25.1

