

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102422\
 Data File : BG055264.D
 Acq On : 24 Oct 2022 20:09
 Operator : CG/JU
 Sample : N5189-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1431-1

Quant Time: Oct 25 01:21:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

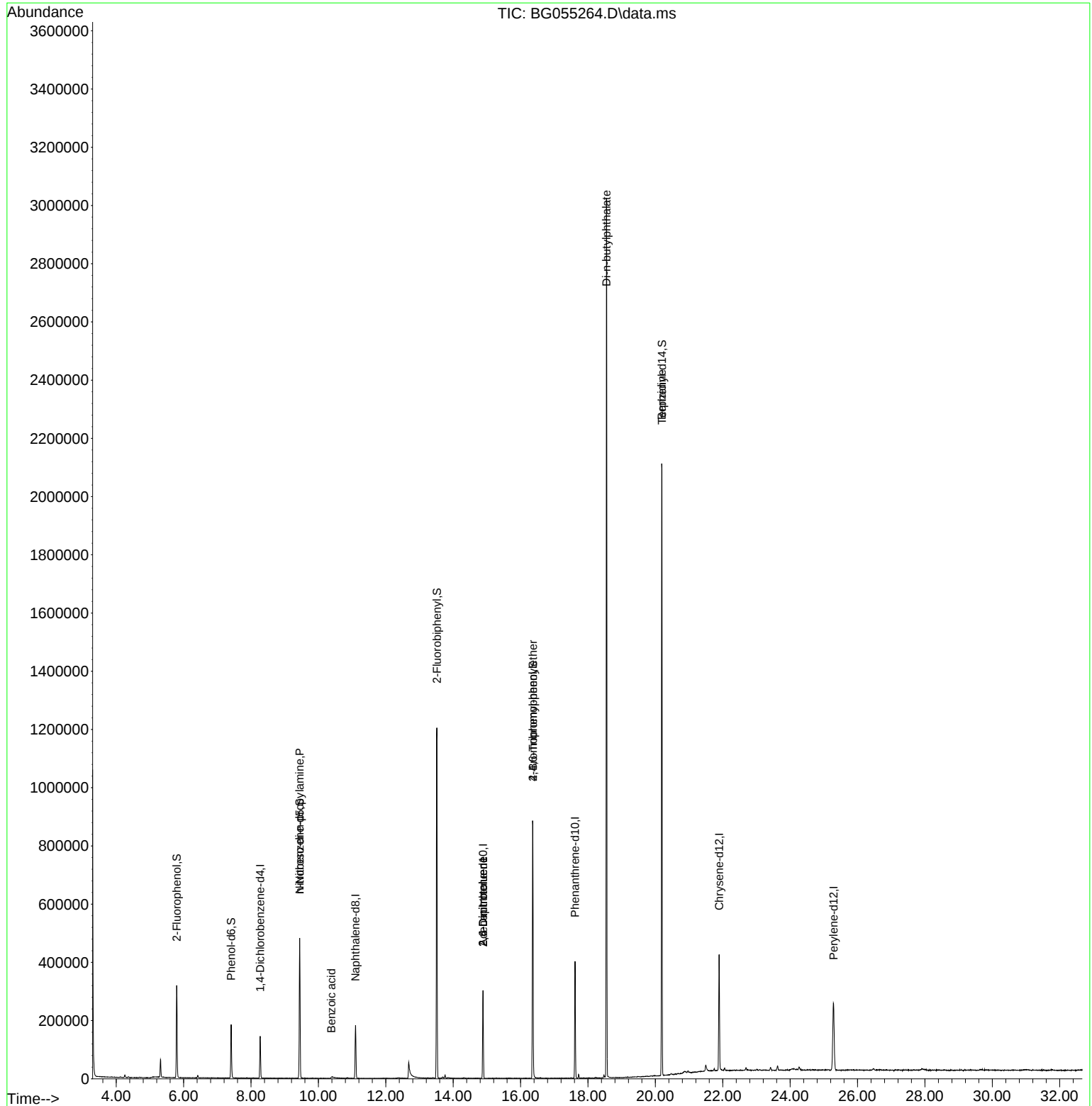
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.273	152	40082	20.000	ng	0.00
21) Naphthalene-d8	11.099	136	162964	20.000	ng	0.00
39) Acenaphthene-d10	14.883	164	100817	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	242962	20.000	ng	0.00
76) Chrysene-d12	21.892	240	236927	20.000	ng	0.00
86) Perylene-d12	25.288	264	245108	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	141742	61.920	ng	0.00
7) Phenol-d6	7.409	99	110435	33.299	ng	0.00
23) Nitrobenzene-d5	9.442	82	300939	94.297	ng	0.00
42) 2,4,6-Tribromophenol	16.364	330	174642	159.349	ng	0.00
45) 2-Fluorobiphenyl	13.514	172	605332	98.275	ng	0.00
79) Terphenyl-d14	20.194	244	988148	86.654	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.442	70	39834	14.464	ng	# 82
32) Benzoic acid	10.382	122	1774	5.086	ng	85
51) 2,6-Dinitrotoluene	14.883	165	13661	8.481	ng	# 19
57) 2,4-Dinitrotoluene	14.883	165	13661	5.844	ng	# 18
67) 4-Bromophenyl-phenylether	16.364	248	11311	4.792	ng	# 1
74) Di-n-butylphthalate	18.549	149	2189704	143.776	ng	# 94
77) Benzidine	20.189	184	15317	2.670	ng	# 93

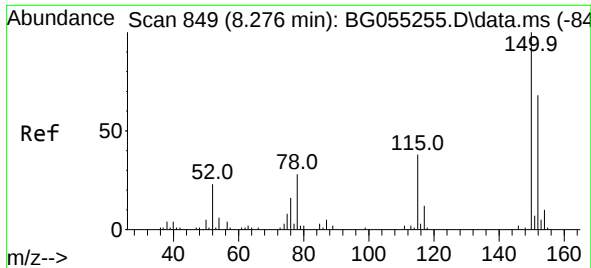
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102422\
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Misc :
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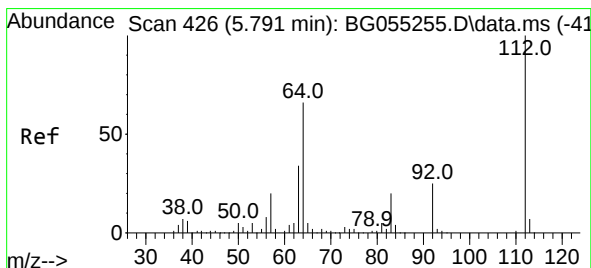
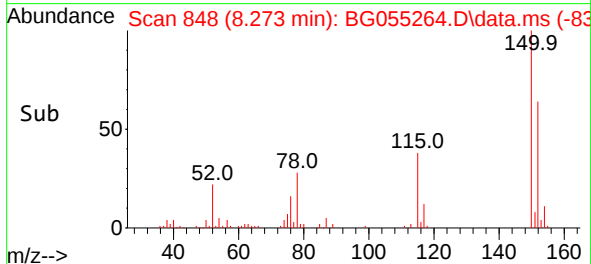
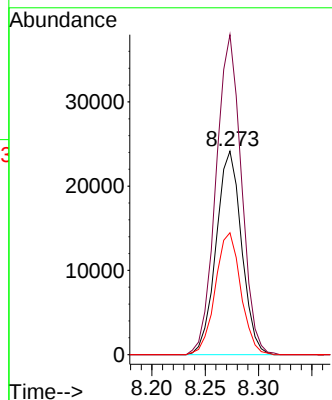
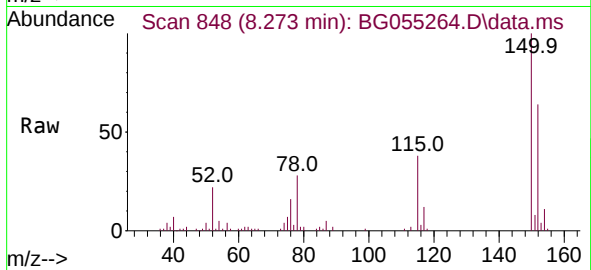




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.273 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG055264.D
Acq: 24 Oct 2022 20:09

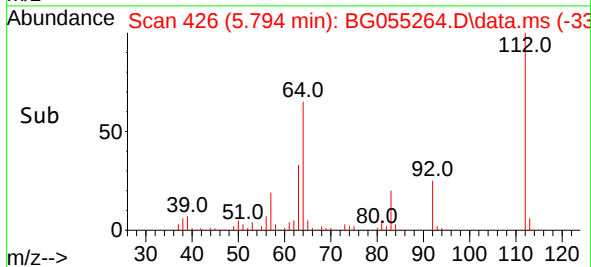
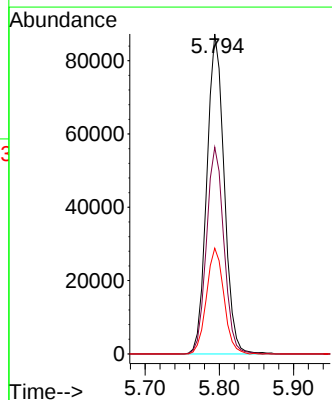
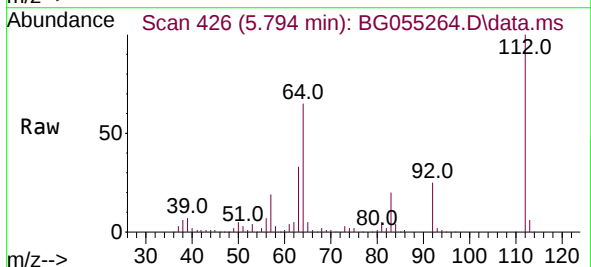
Instrument :
BNA_G
ClientSampleId :
1431-1

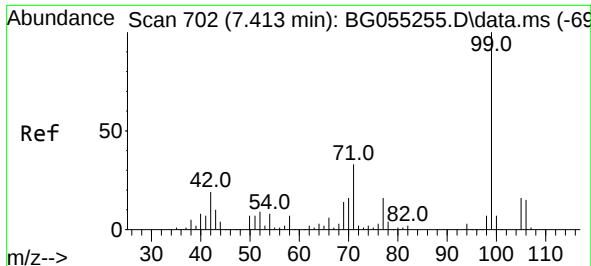
Tgt Ion:152 Resp: 40082
Ion Ratio Lower Upper
152 100
150 157.3 118.2 177.4
115 59.9 44.5 66.7



#5
2-Fluorophenol
Concen: 61.920 ng
RT: 5.794 min Scan# 426
Delta R.T. 0.003 min
Lab File: BG055264.D
Acq: 24 Oct 2022 20:09

Tgt Ion:112 Resp: 141742
Ion Ratio Lower Upper
112 100
64 64.6 52.6 78.8
63 33.0 27.1 40.7

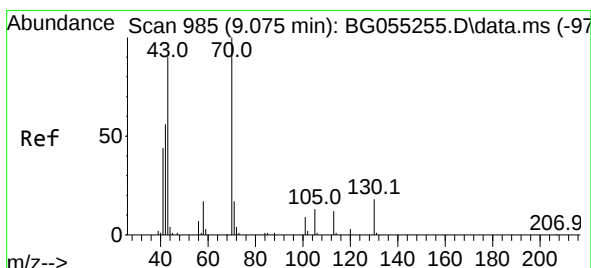
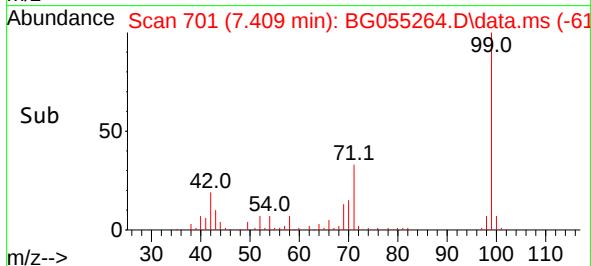
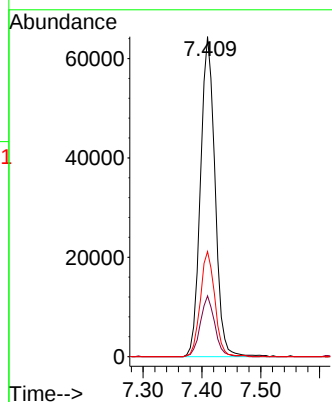
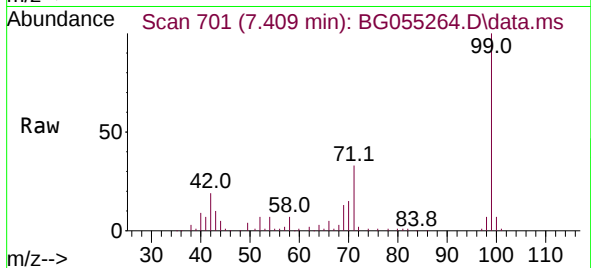




#7
Phenol-d6
Concen: 33.299 ng
RT: 7.409 min Scan# 70
Delta R.T. -0.003 min
Lab File: BG055264.D
Acq: 24 Oct 2022 20:09

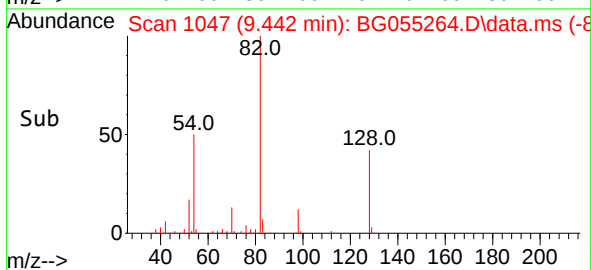
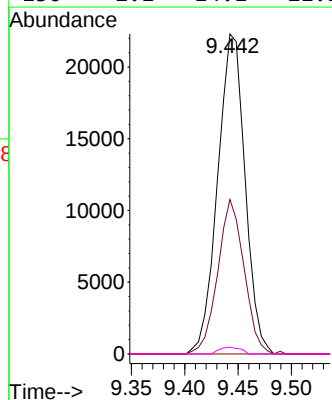
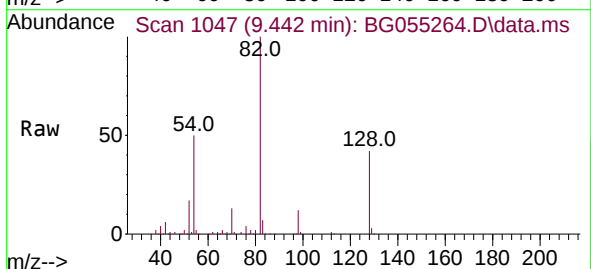
Instrument :
BNA_G
ClientSampleId :
1431-1

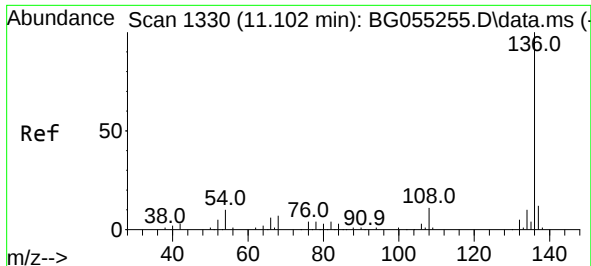
Tgt Ion: 99 Resp: 110435
Ion Ratio Lower Upper
99 100
42 19.0 15.2 22.8
71 32.8 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.464 ng
RT: 9.442 min Scan# 1047
Delta R.T. 0.367 min
Lab File: BG055264.D
Acq: 24 Oct 2022 20:09

Tgt Ion: 70 Resp: 39834
Ion Ratio Lower Upper
70 100
42 48.2 45.8 68.6
101 0.0 7.4 11.0#
130 2.1 14.1 21.1#

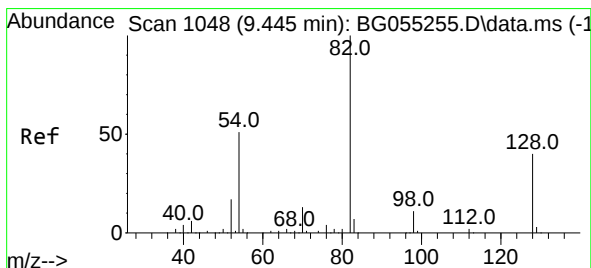
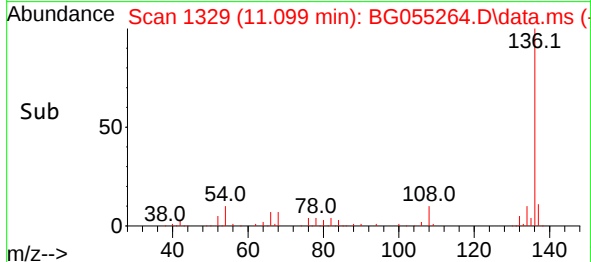
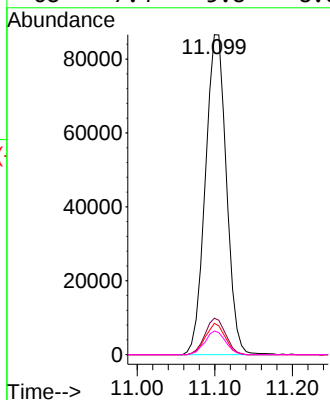
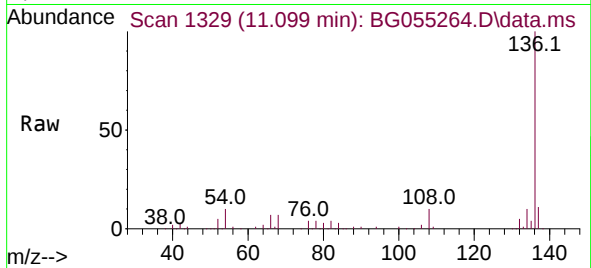




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.099 min Scan# 1330
Delta R.T. -0.003 min
Lab File: BG055264.D
Acq: 24 Oct 2022 20:09

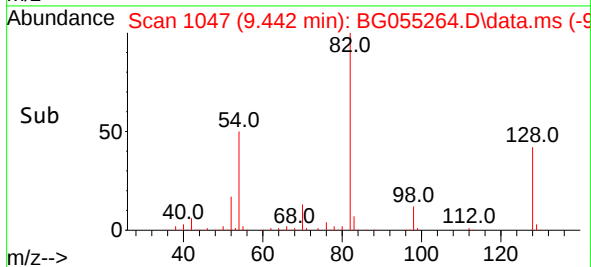
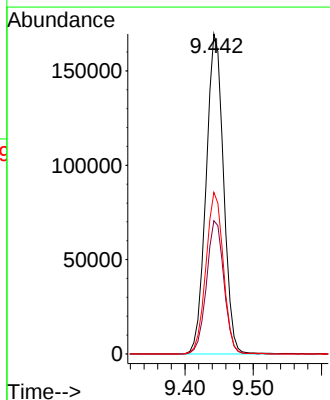
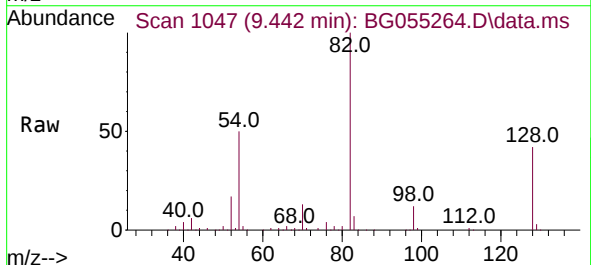
Instrument :
BNA_G
ClientSampleId :
1431-1

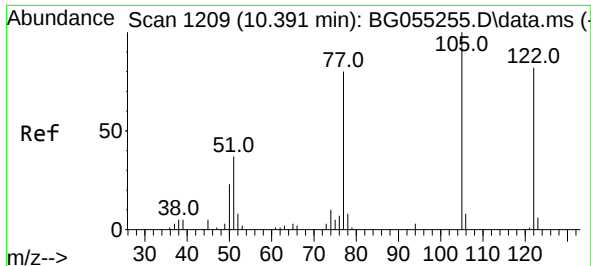
Tgt Ion:	136	Resp:	162964
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.2	13.8
54	9.8	7.8	11.8
68	7.4	5.8	8.6



#23
Nitrobenzene-d5
Concen: 94.297 ng
RT: 9.442 min Scan# 1047
Delta R.T. -0.003 min
Lab File: BG055264.D
Acq: 24 Oct 2022 20:09

Tgt Ion:	82	Resp:	300939
Ion Ratio	Lower	Upper	
82	100		
128	41.6	32.0	48.0
54	50.5	40.9	61.3

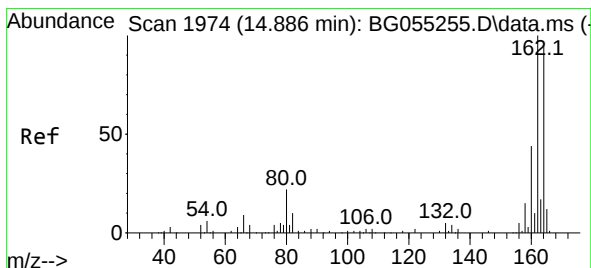
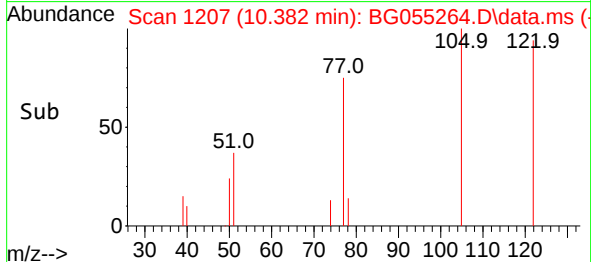
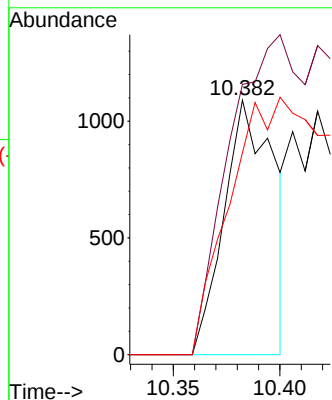
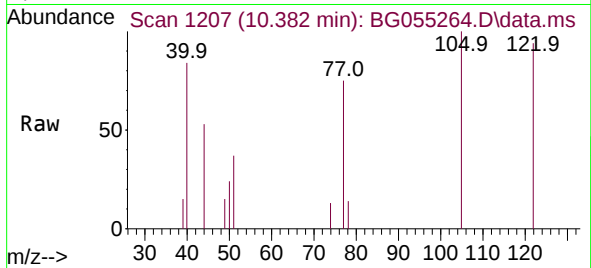




#32
Benzoic acid
Concen: 5.086 ng
RT: 10.382 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG055264.D
Acq: 24 Oct 2022 20:09

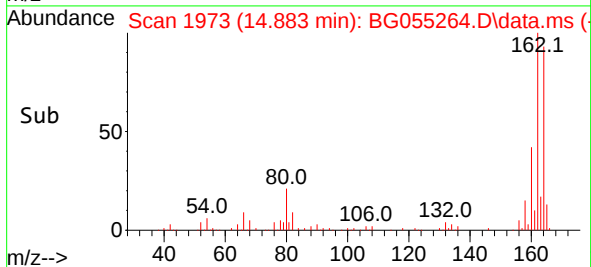
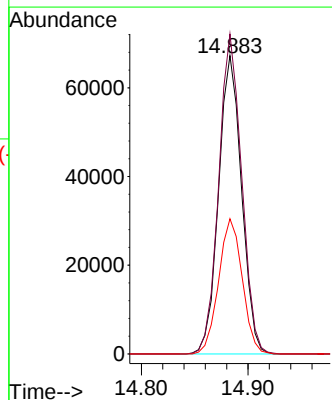
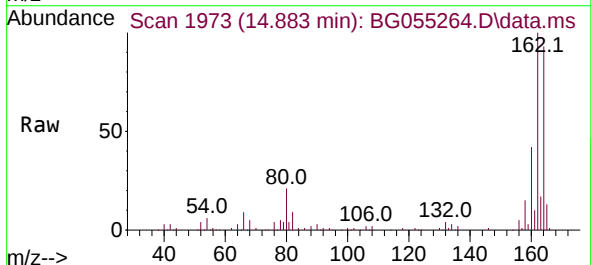
Instrument :
BNA_G
ClientSampleId :
1431-1

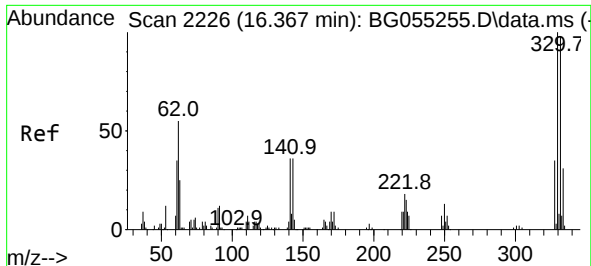
Tgt Ion:122 Resp: 1774
Ion Ratio Lower Upper
122 100
105 106.2 101.3 141.3
77 79.4 76.9 116.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.883 min Scan# 1973
Delta R.T. -0.003 min
Lab File: BG055264.D
Acq: 24 Oct 2022 20:09

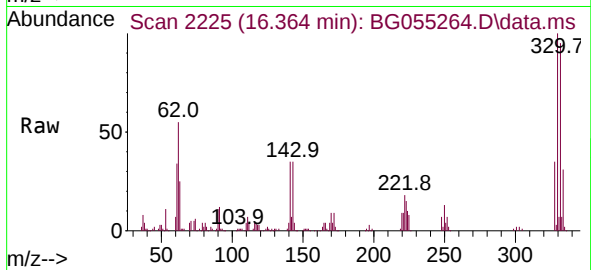
Tgt Ion:164 Resp: 100817
Ion Ratio Lower Upper
164 100
162 107.3 84.0 126.0
160 45.3 36.7 55.1



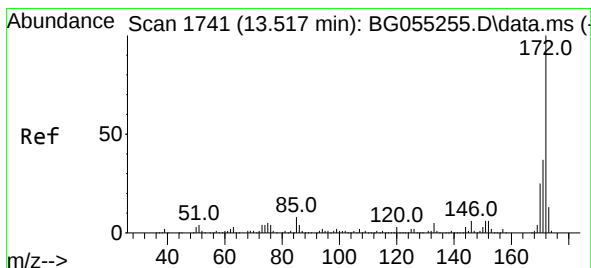
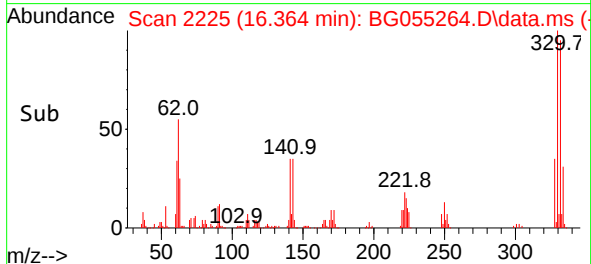
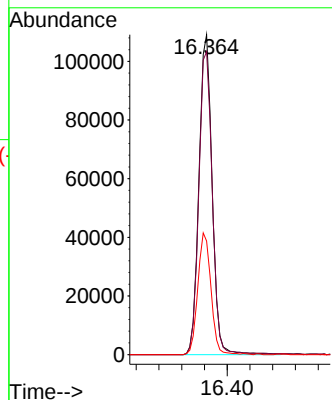


#42
 2,4,6-Tribromophenol
 Concen: 159.349 ng
 RT: 16.364 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG055264.D
 Acq: 24 Oct 2022 20:09

Instrument :
 BNA_G
 ClientSampleId :
 1431-1

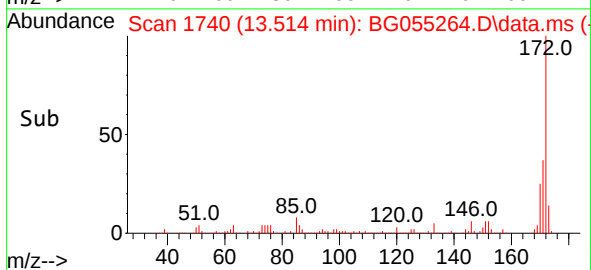
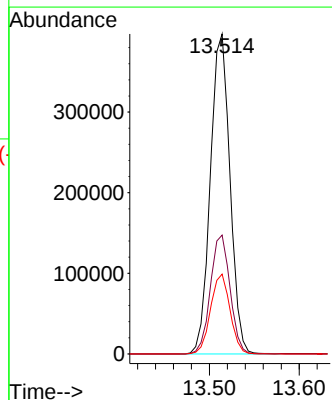
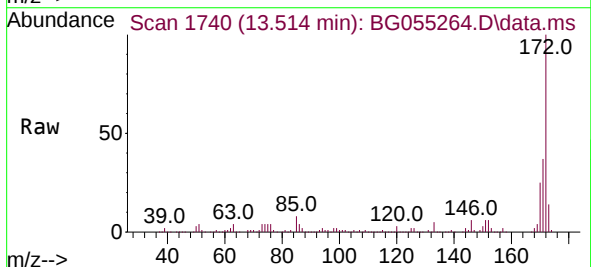


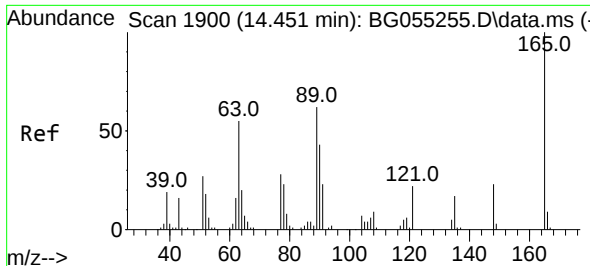
Tgt Ion:330 Resp: 174642
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.0
 141 38.1 29.8 44.8



#45
 2-Fluorobiphenyl
 Concen: 98.275 ng
 RT: 13.514 min Scan# 1740
 Delta R.T. -0.003 min
 Lab File: BG055264.D
 Acq: 24 Oct 2022 20:09

Tgt Ion:172 Resp: 605332
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 24.9 20.2 30.2

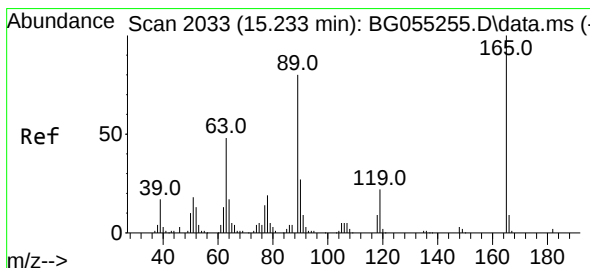
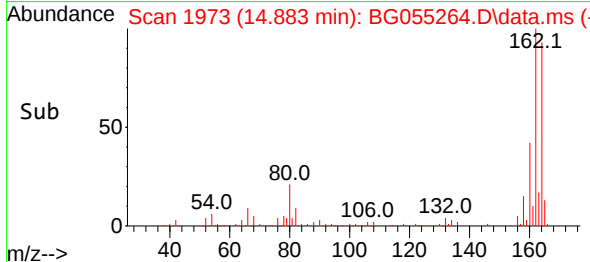
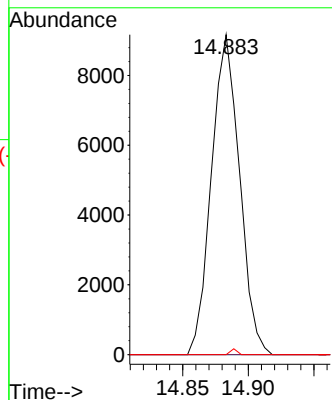
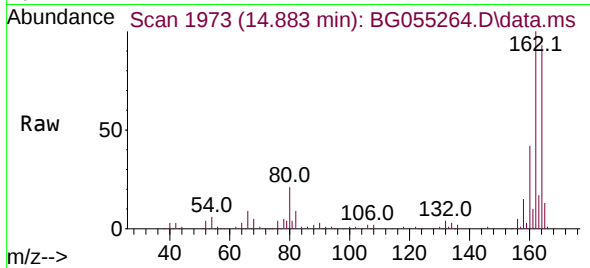




#51
2,6-Dinitrotoluene
Concen: 8.481 ng
RT: 14.883 min Scan# 1900
Delta R.T. 0.432 min
Lab File: BG055264.D
Acq: 24 Oct 2022 20:09

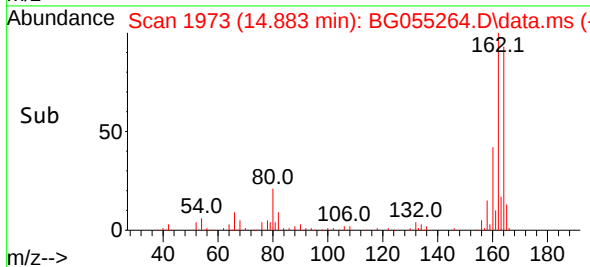
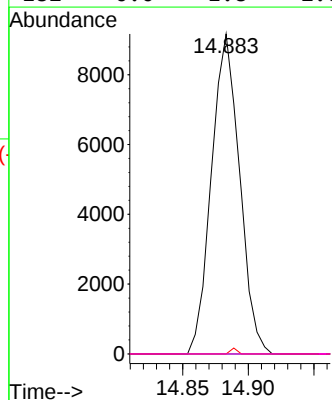
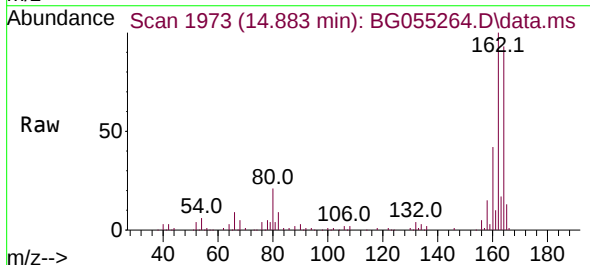
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BNA_G
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1431-1

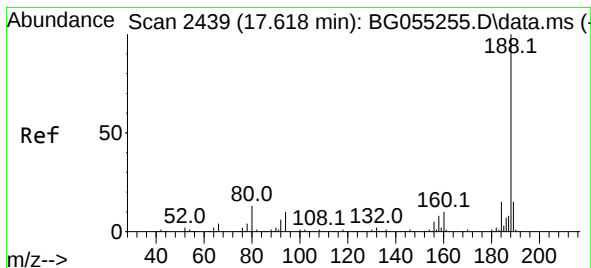
Tgt Ion:165 Resp: 13661
Ion Ratio Lower Upper
165 100
63 0.0 49.2 73.8#
89 0.0 49.9 74.9#



#57
2,4-Dinitrotoluene
Concen: 5.844 ng
RT: 14.883 min Scan# 1973
Delta R.T. -0.350 min
Lab File: BG055264.D
Acq: 24 Oct 2022 20:09

Tgt Ion:165 Resp: 13661
Ion Ratio Lower Upper
165 100
63 0.0 38.9 58.3#
89 0.0 64.2 96.4#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.615 min Scan# 2439

Delta R.T. -0.003 min

Lab File: BG055264.D

Acq: 24 Oct 2022 20:09

Instrument :

BNA_G

ClientSampleId :

1431-1

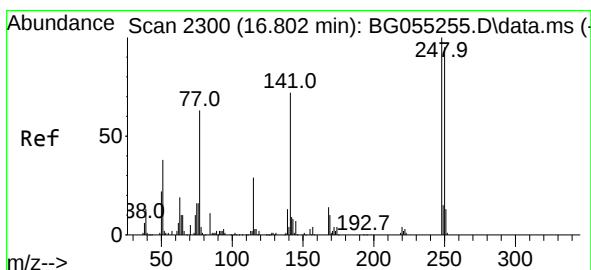
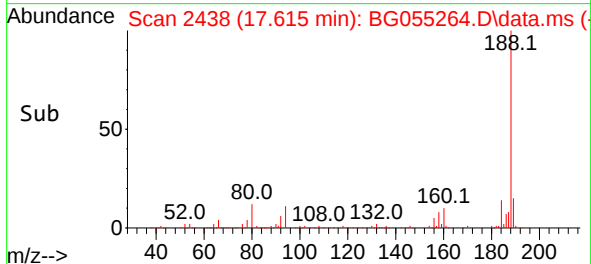
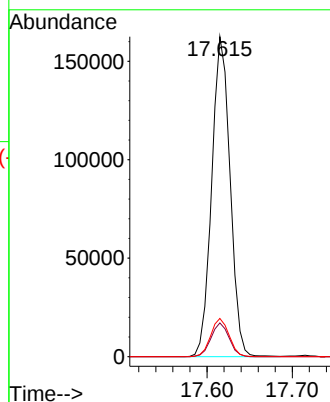
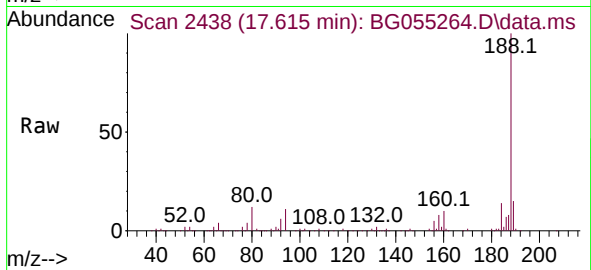
Tgt Ion:188 Resp: 242962

Ion Ratio Lower Upper

188 100

94 10.5 8.2 12.4

80 11.9 10.1 15.1



#67

4-Bromophenyl-phenylether

Concen: 4.792 ng

RT: 16.364 min Scan# 2225

Delta R.T. -0.438 min

Lab File: BG055264.D

Acq: 24 Oct 2022 20:09

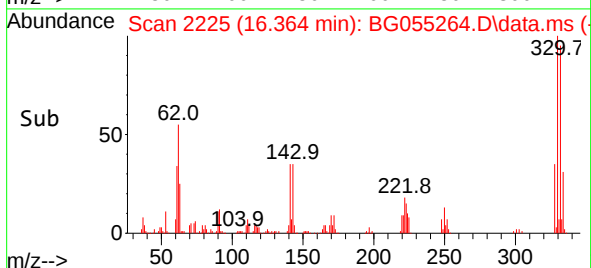
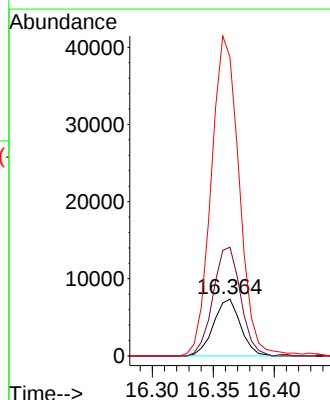
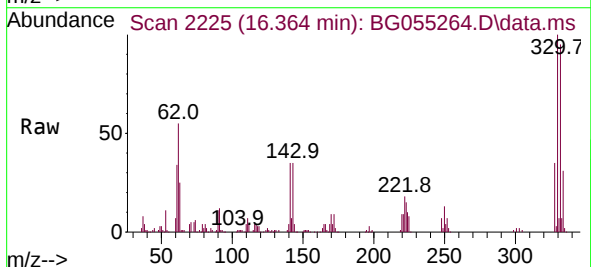
Tgt Ion:248 Resp: 11311

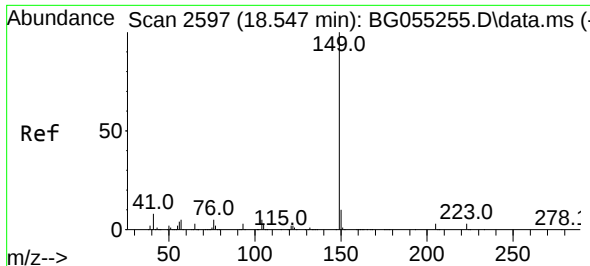
Ion Ratio Lower Upper

248 100

250 191.6 76.0 114.0#

141 526.9 58.0 87.0#

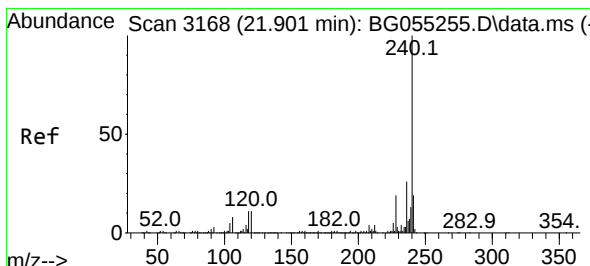
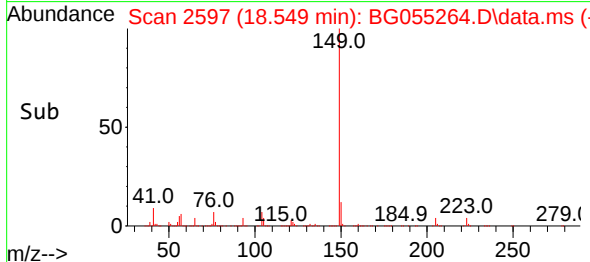
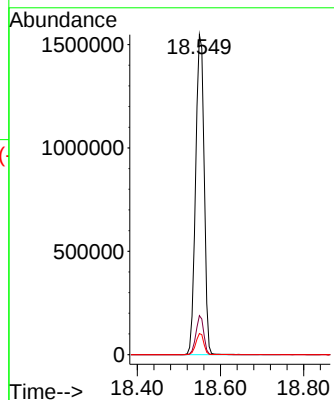
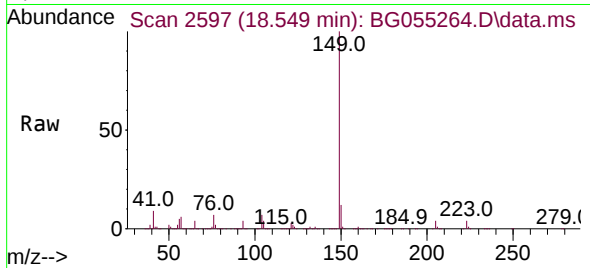




#74
Di-n-butylphthalate
Concen: 143.776 ng
RT: 18.549 min Scan# 2189704
Delta R.T. 0.003 min
Lab File: BG055264.D
Acq: 24 Oct 2022 20:09

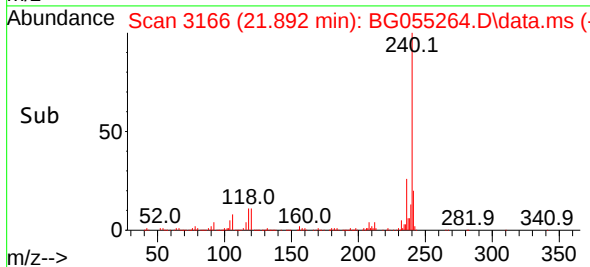
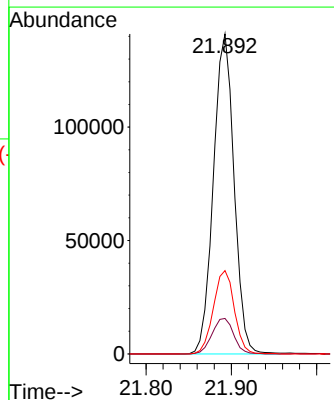
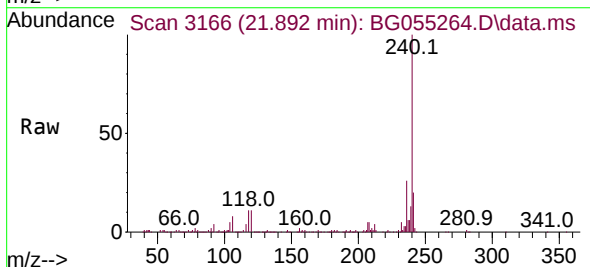
Instrument :
BNA_G
ClientSampleId :
1431-1

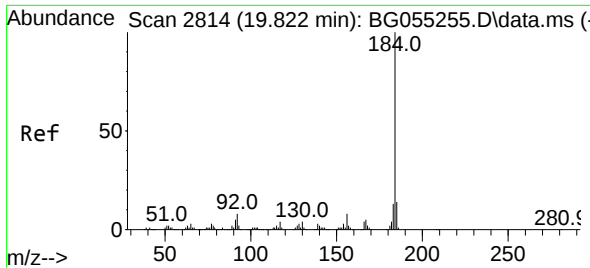
Tgt Ion:149 Resp: 2189704
Ion Ratio Lower Upper
149 100
150 12.2 7.8 11.8#
104 6.6 4.2 6.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.892 min Scan# 3166
Delta R.T. -0.009 min
Lab File: BG055264.D
Acq: 24 Oct 2022 20:09

Tgt Ion:240 Resp: 236927
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 26.0 21.0 31.4

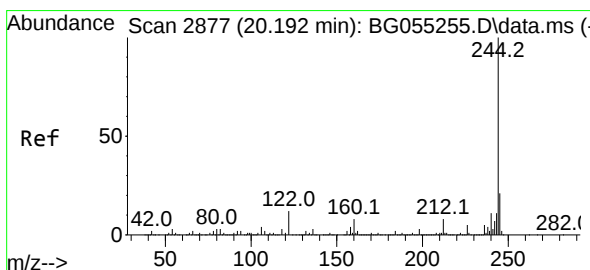
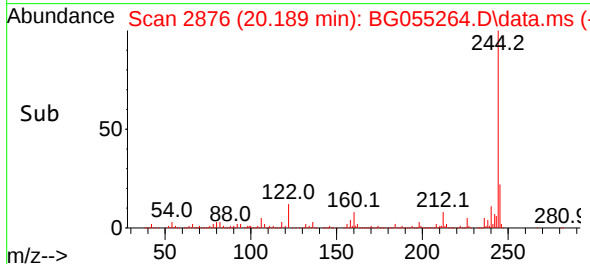
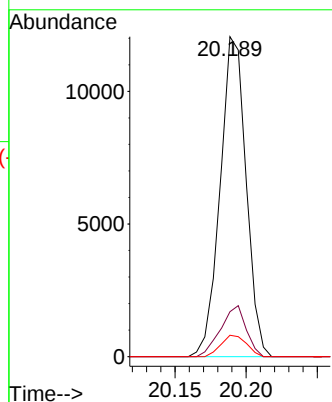
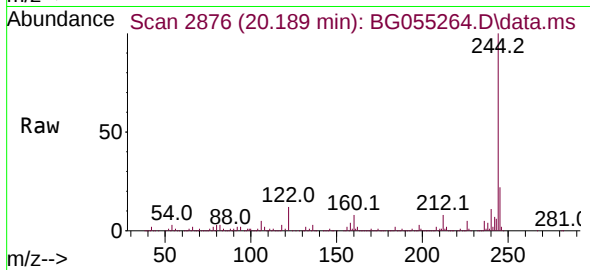




#77
Benzidine
Concen: 2.670 ng
RT: 20.189 min Scan# 2814
Delta R.T. 0.367 min
Lab File: BG055264.D
Acq: 24 Oct 2022 20:09

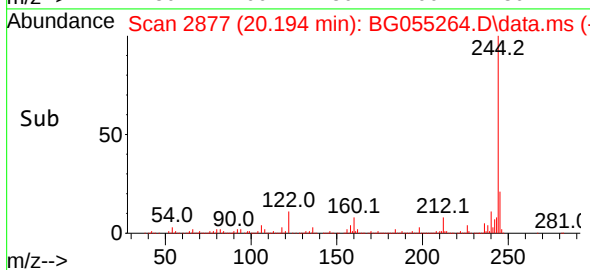
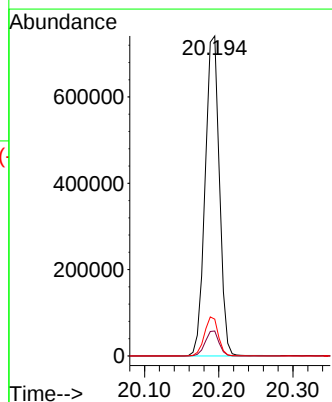
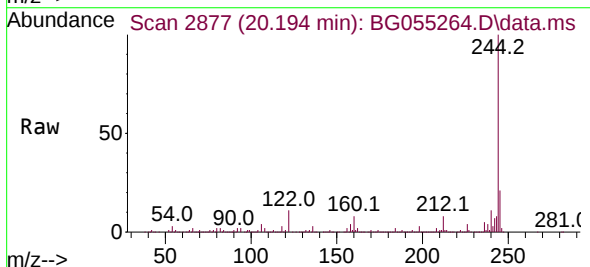
Instrument :
BNA_G
ClientSampleId :
1431-1

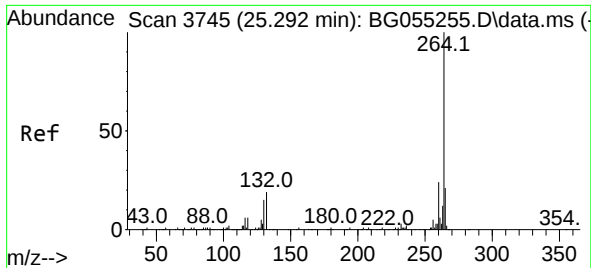
Tgt Ion:184 Resp: 15317
Ion Ratio Lower Upper
184 100
185 14.0 11.0 16.6
183 6.7 10.0 15.0#



#79
Terphenyl-d14
Concen: 86.654 ng
RT: 20.194 min Scan# 2877
Delta R.T. 0.003 min
Lab File: BG055264.D
Acq: 24 Oct 2022 20:09

Tgt Ion:244 Resp: 988148
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 11.5 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.288 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG055264.D
Acq: 24 Oct 2022 20:09

Instrument :
BNA_G
ClientSampleId :
1431-1

Tgt Ion:264 Resp: 245108
Ion Ratio Lower Upper
264 100
260 24.8 19.5 29.3
265 20.7 17.4 26.2

