

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051022\
 Data File : BG053515.D
 Acq On : 10 May 2022 19:35
 Operator : CG/JU
 Sample : N2749-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Quant Time: May 11 06:03:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

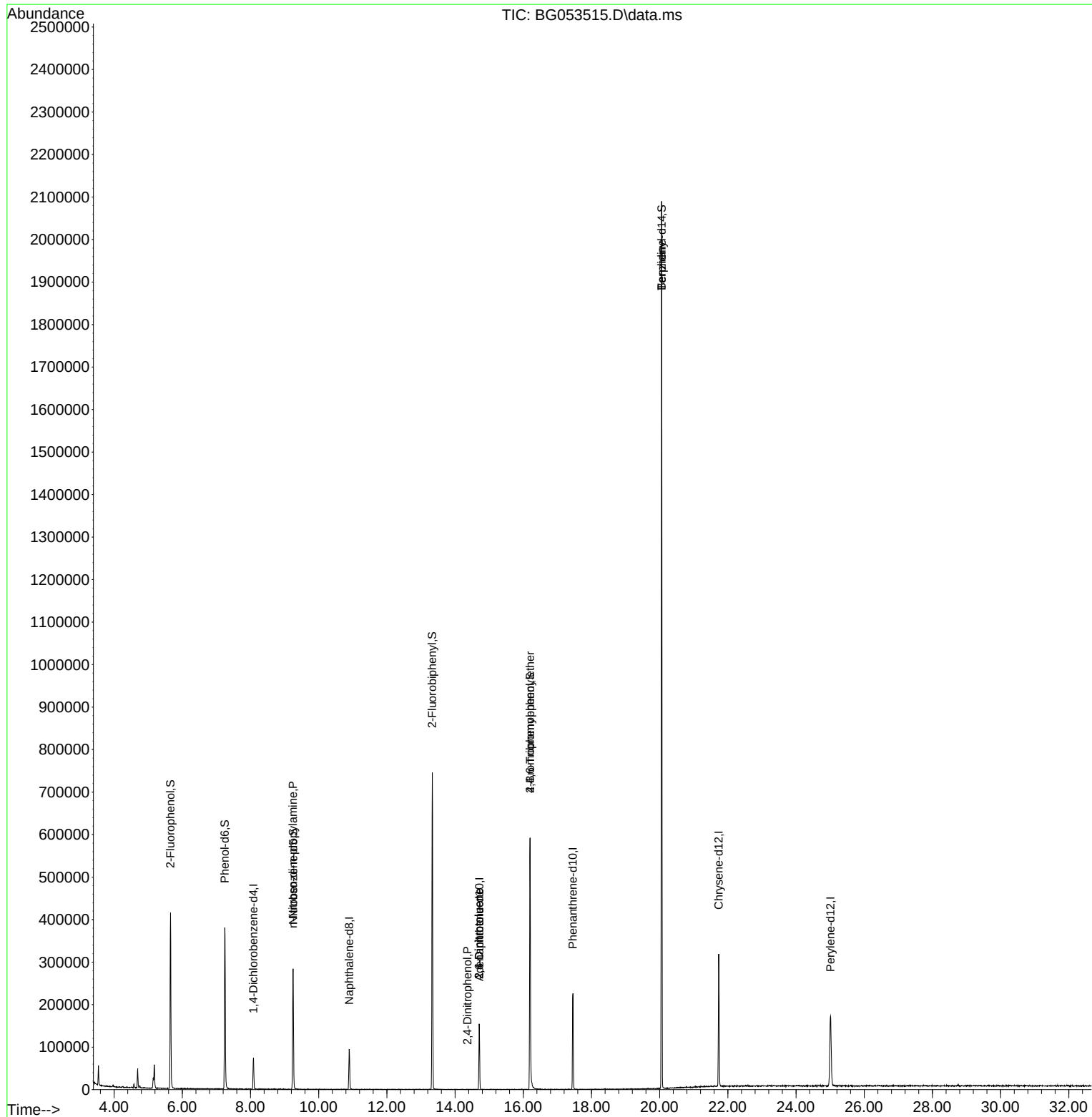
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	20207	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	79223	20.000	ng	0.00
39) Acenaphthene-d10	14.714	164	58392	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	151468	20.000	ng	0.00
76) Chrysene-d12	21.734	240	205413	20.000	ng	0.00
86) Perylene-d12	25.012	264	201333	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	168073	141.160	ng	0.00
7) Phenol-d6	7.248	99	218370	120.847	ng	0.00
23) Nitrobenzene-d5	9.251	82	184228	98.990	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	134099	155.709	ng	0.00
45) 2-Fluorobiphenyl	13.333	172	402979	100.847	ng	0.00
79) Terphenyl-d14	20.060	244	1040464	94.338	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.245	70	25273	19.493	ng	# 79
51) 2,6-Dinitrotoluene	14.708	165	7726	8.546	ng	# 16
54) 2,4-Dinitrophenol	14.367	184	55	6.333	ng	# 11
57) 2,4-Dinitrotoluene	14.708	165	7726	5.896	ng	# 21
67) 4-Bromophenyl-phenylether	16.200	248	8749	4.946	ng	# 1
77) Benzidine	20.060	184	17569	3.968	ng	# 90

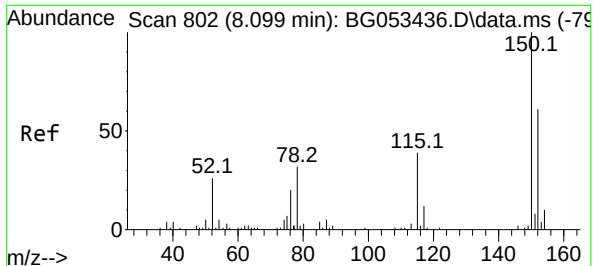
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 11 06:00:46 2022
Response via : Initial Calibration

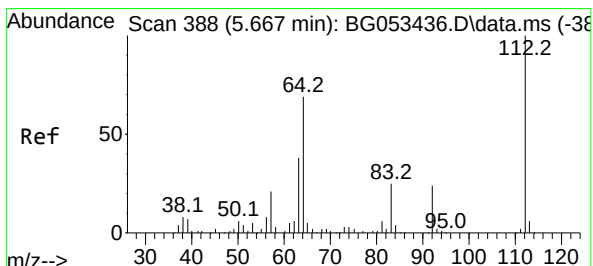
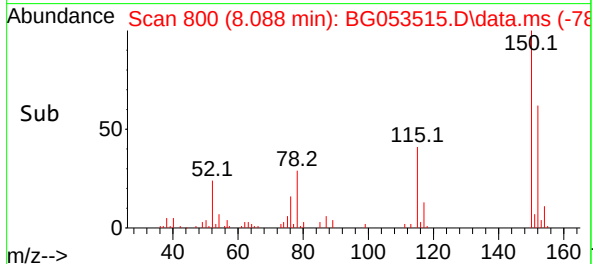
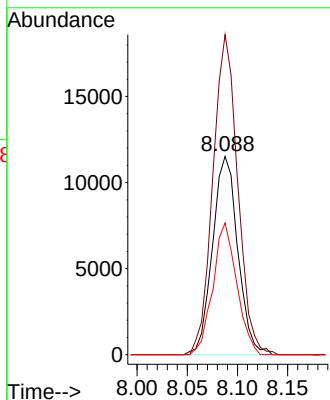
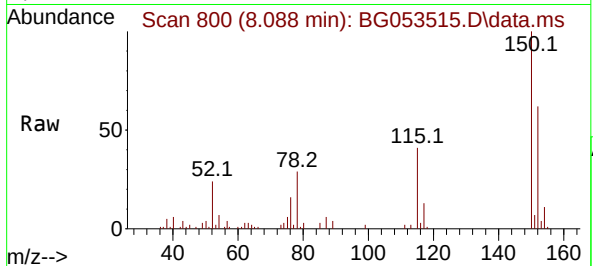




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG053515.D
Acq: 10 May 2022 19:35

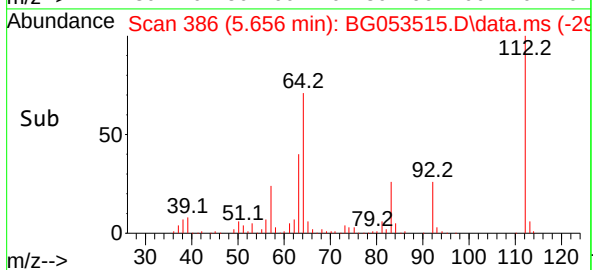
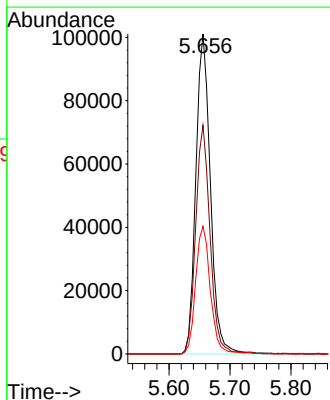
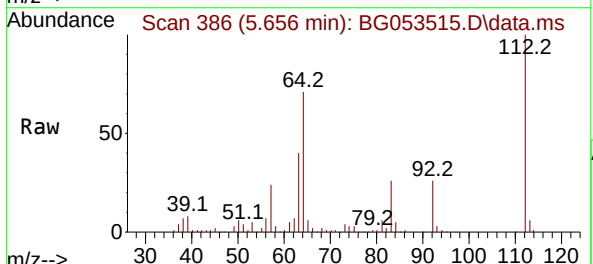
Instrument :
BNA_G
ClientSampleId :
TP-6

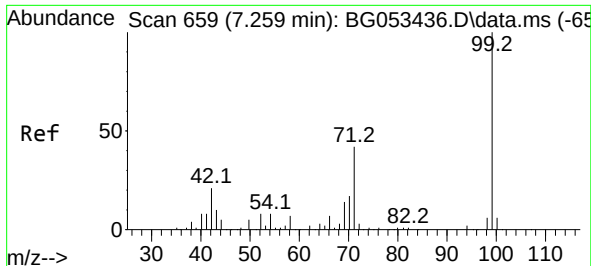
Tgt Ion:152 Resp: 20207
Ion Ratio Lower Upper
152 100
150 161.4 131.6 197.4
115 66.4 50.9 76.3



#5
2-Fluorophenol
Concen: 141.160 ng
RT: 5.656 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG053515.D
Acq: 10 May 2022 19:35

Tgt Ion:112 Resp: 168073
Ion Ratio Lower Upper
112 100
64 71.5 55.1 82.7
63 39.9 30.4 45.6

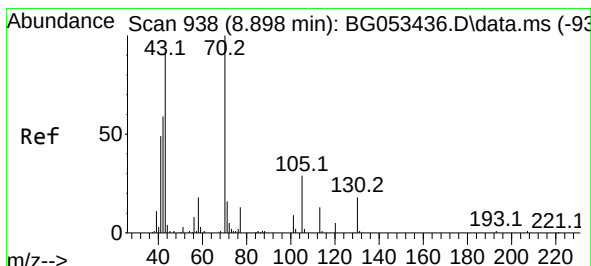
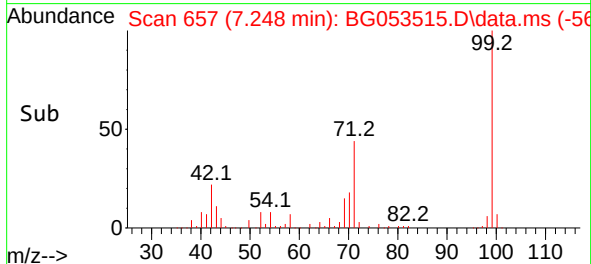
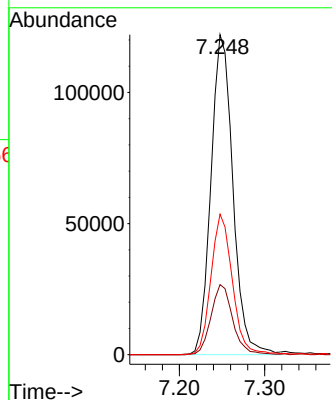
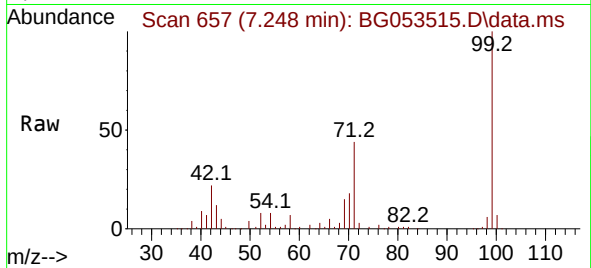




#7
Phenol-d6
Concen: 120.847 ng
RT: 7.248 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053515.D
Acq: 10 May 2022 19:35

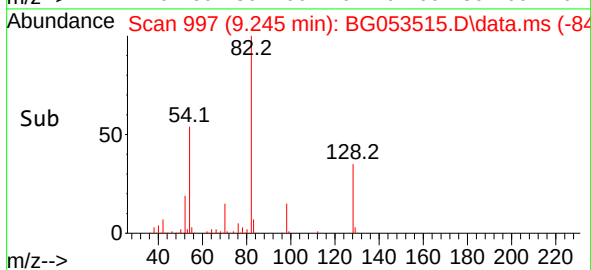
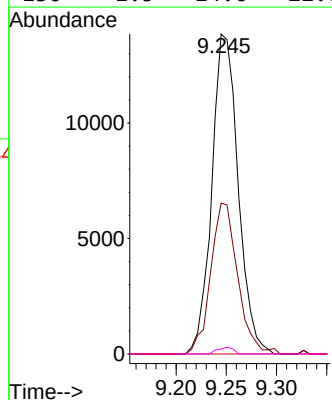
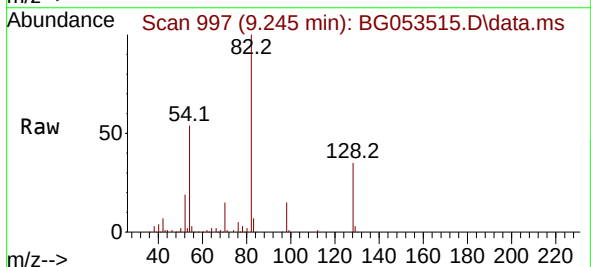
Instrument :
BNA_G
ClientSampleId :
TP-6

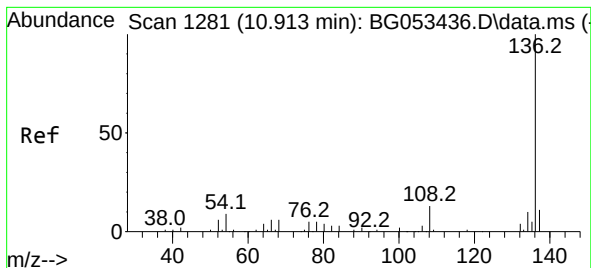
Tgt Ion: 99 Resp: 218370
Ion Ratio Lower Upper
99 100
42 21.9 17.0 25.6
71 43.9 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.493 ng
RT: 9.245 min Scan# 997
Delta R.T. 0.357 min
Lab File: BG053515.D
Acq: 10 May 2022 19:35

Tgt Ion: 70 Resp: 25273
Ion Ratio Lower Upper
70 100
42 47.1 47.3 70.9#
101 0.0 7.0 10.4#
130 1.5 14.6 22.0#

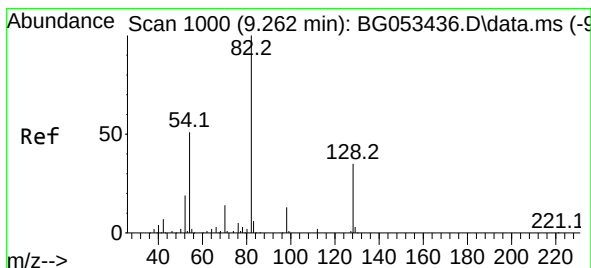
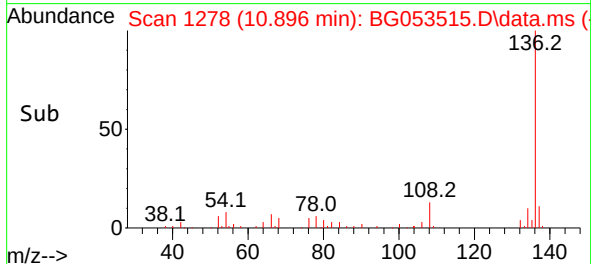
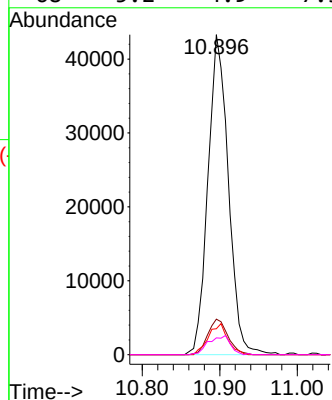
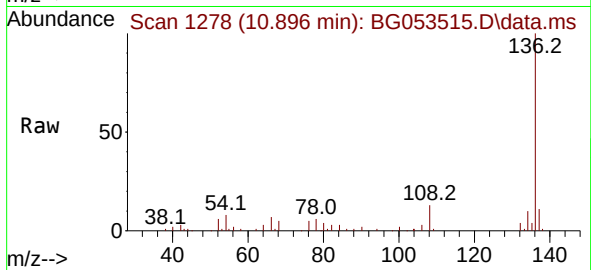




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.896 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053515.D
Acq: 10 May 2022 19:35

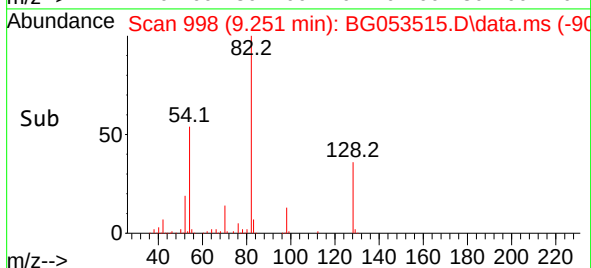
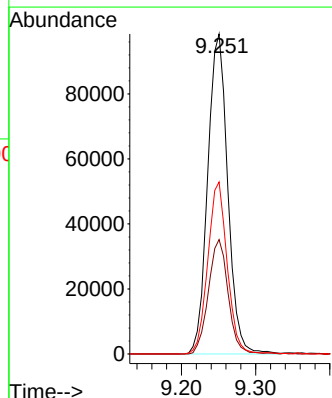
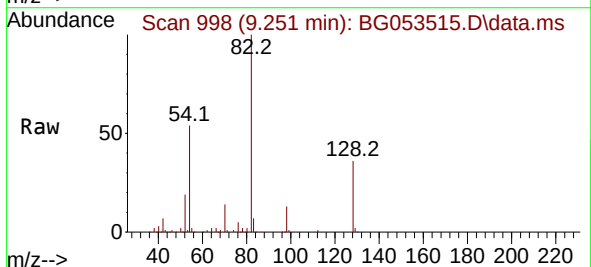
Instrument :
BNA_G
ClientSampleId :
TP-6

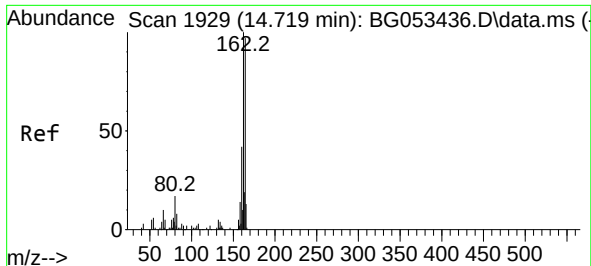
Tgt Ion:	136	Resp:	79223
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.5	12.7
54	8.1	7.4	11.2
68	5.2	4.9	7.3



#23
Nitrobenzene-d5
Concen: 98.990 ng
RT: 9.251 min Scan# 998
Delta R.T. -0.002 min
Lab File: BG053515.D
Acq: 10 May 2022 19:35

Tgt Ion:	82	Resp:	184228
Ion Ratio	Lower	Upper	
82	100		
128	35.7	27.9	41.9
54	53.7	41.2	61.8

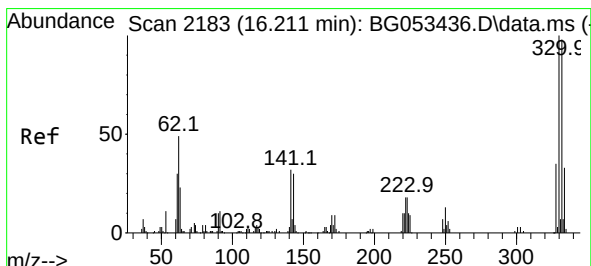
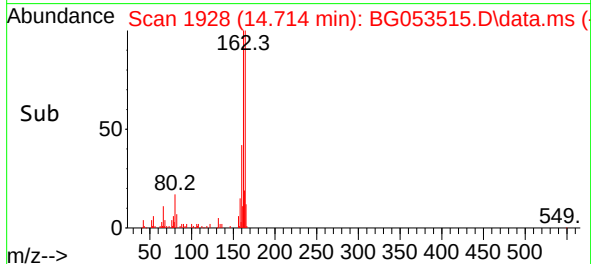
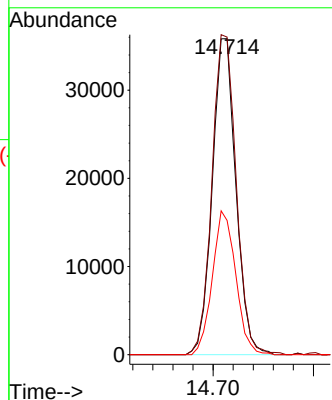
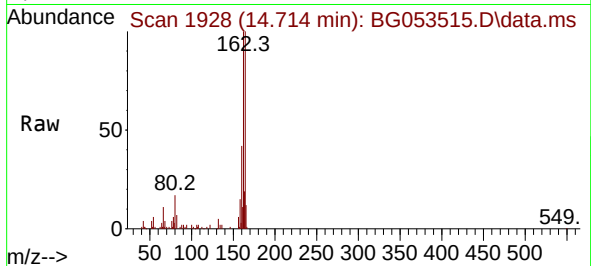




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.714 min Scan# 1928
Delta R.T. -0.002 min
Lab File: BG053515.D
Acq: 10 May 2022 19:35

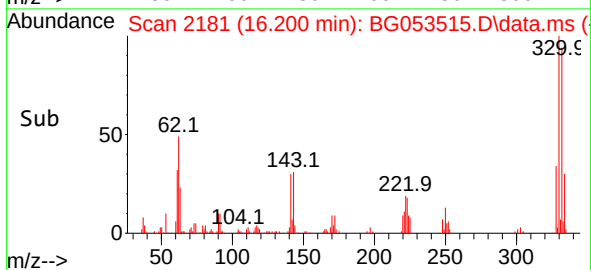
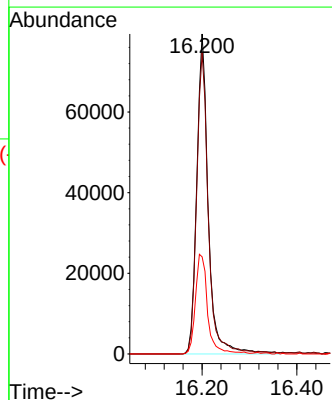
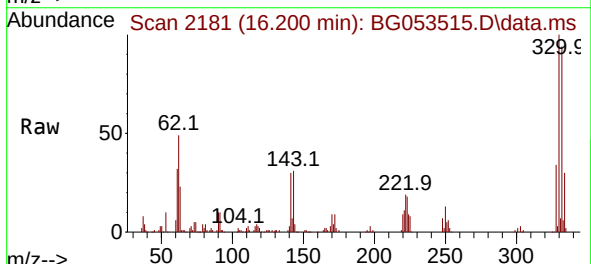
Instrument :
BNA_G
ClientSampleId :
TP-6

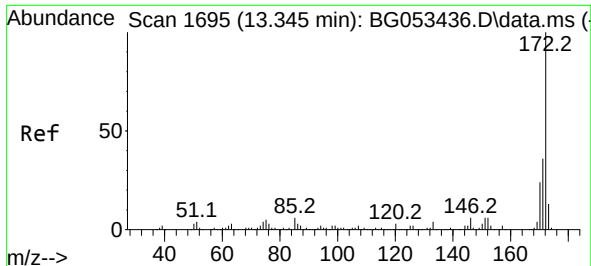
Tgt Ion:164 Resp: 58392
Ion Ratio Lower Upper
164 100
162 100.5 82.3 123.5
160 42.5 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 155.709 ng
RT: 16.200 min Scan# 2181
Delta R.T. -0.002 min
Lab File: BG053515.D
Acq: 10 May 2022 19:35

Tgt Ion:330 Resp: 134099
Ion Ratio Lower Upper
330 100
332 94.6 76.0 114.0
141 33.0 27.1 40.7

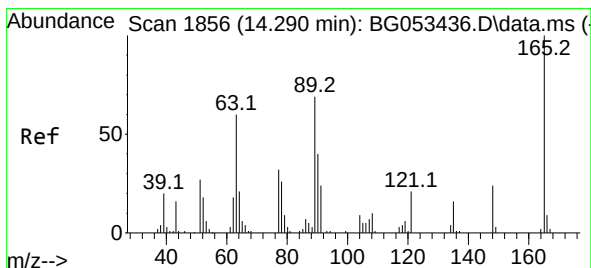
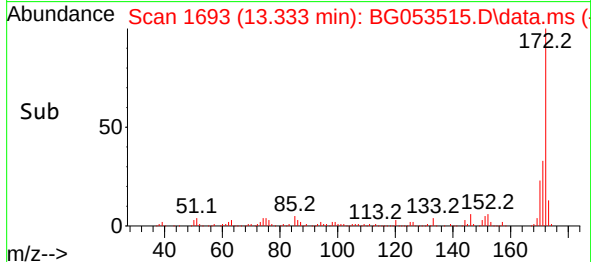
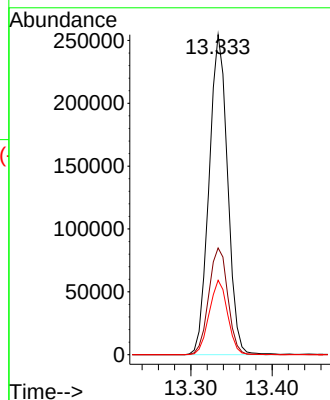
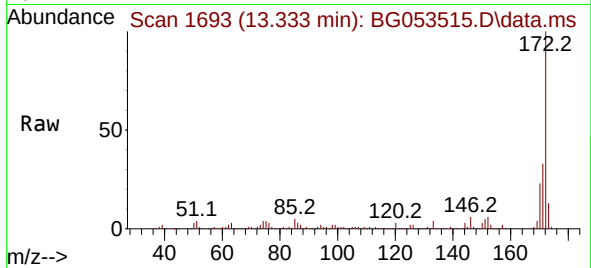




#45
2-Fluorobiphenyl
Concen: 100.847 ng
RT: 13.333 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053515.D
Acq: 10 May 2022 19:35

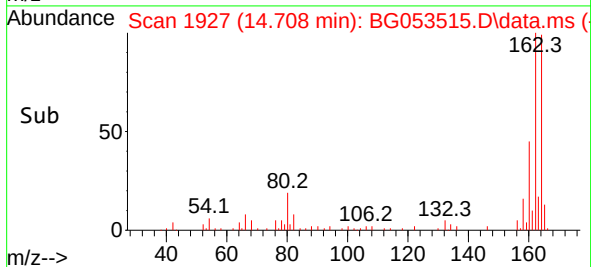
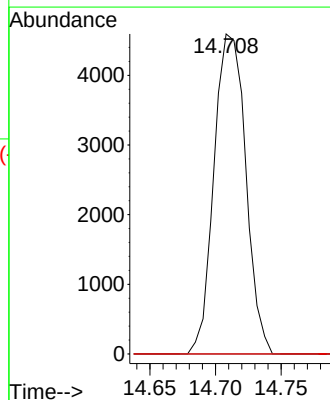
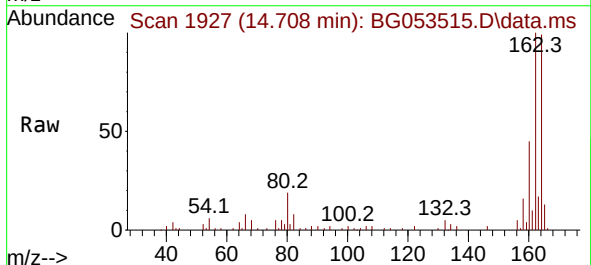
Instrument :
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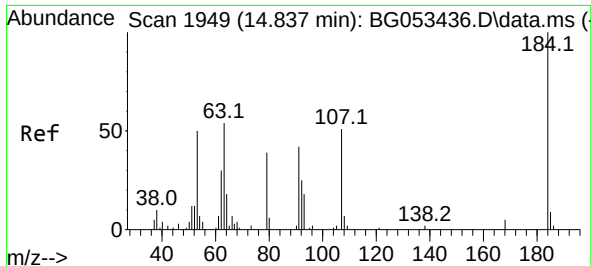
Tgt Ion:172 Resp: 402979
Ion Ratio Lower Upper
172 100
171 33.4 28.5 42.7
170 23.2 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.546 ng
RT: 14.708 min Scan# 1927
Delta R.T. 0.427 min
Lab File: BG053515.D
Acq: 10 May 2022 19:35

Tgt Ion:165 Resp: 7726
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

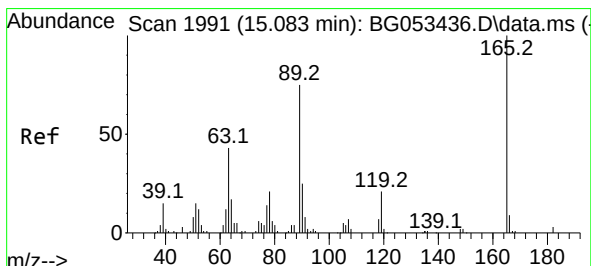
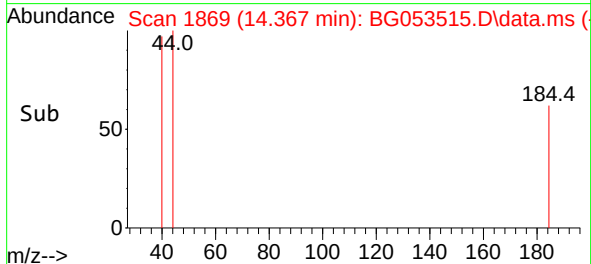
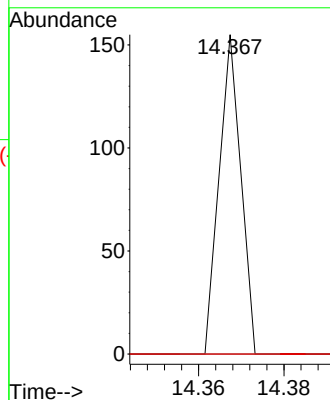
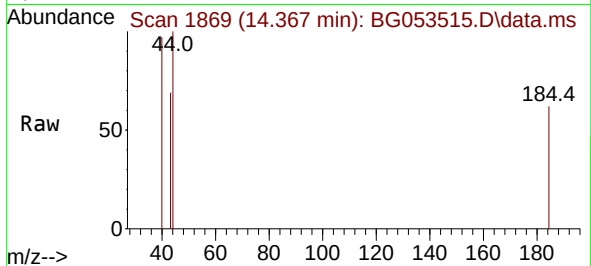




#54
2,4-Dinitrophenol
Concen: 6.333 ng
RT: 14.367 min Scan# 11
Delta R.T. -0.466 min
Lab File: BG053515.D
Acq: 10 May 2022 19:35

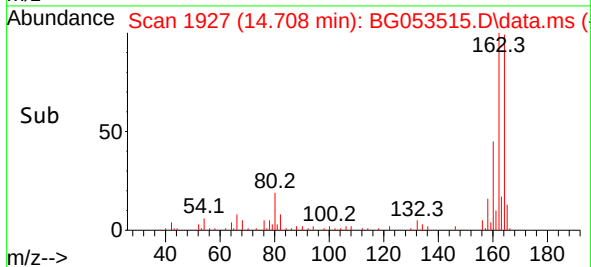
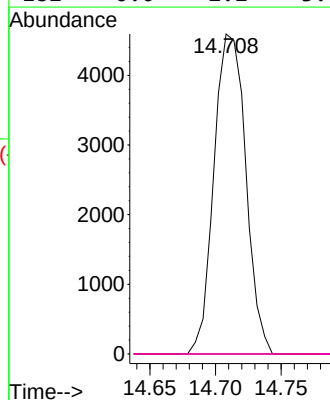
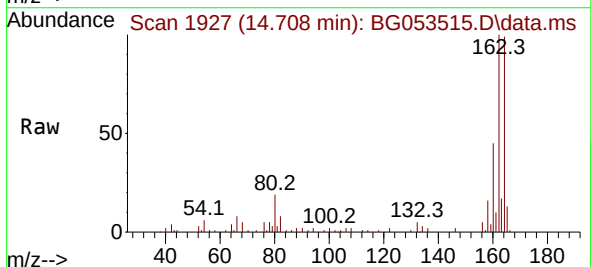
Instrument :
BNA_G
ClientSampleId :
TP-6

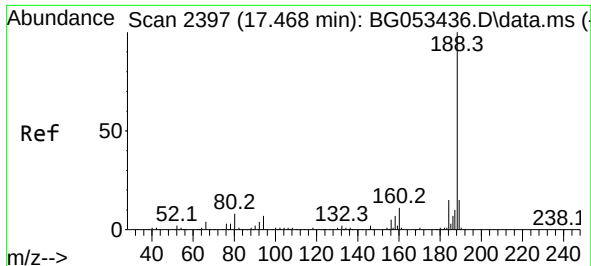
Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 0.0 61.1 91.7#
154 0.0 60.6 91.0#



#57
2,4-Dinitrotoluene
Concen: 5.896 ng
RT: 14.708 min Scan# 1927
Delta R.T. -0.366 min
Lab File: BG053515.D
Acq: 10 May 2022 19:35

Tgt Ion:165 Resp: 7726
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#

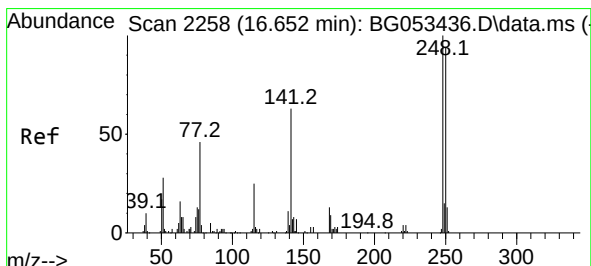
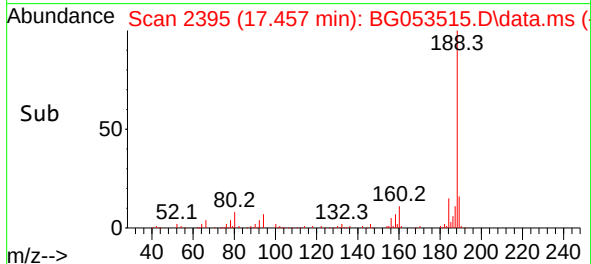
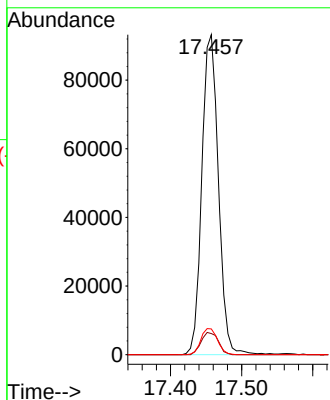
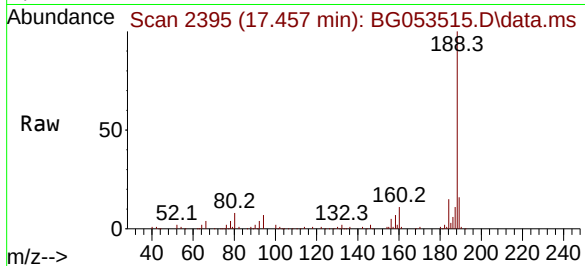




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 211
Delta R.T. -0.002 min
Lab File: BG053515.D
Acq: 10 May 2022 19:35

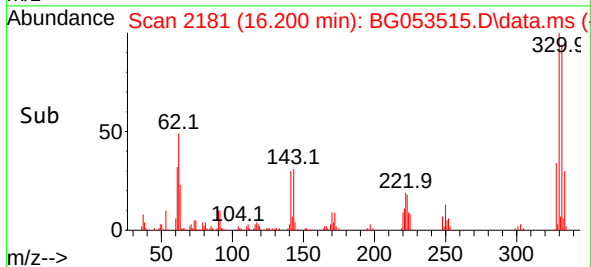
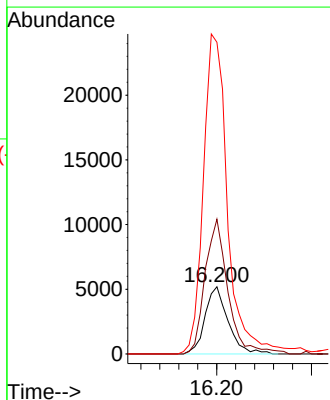
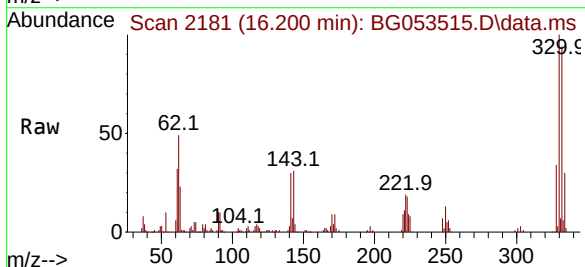
Instrument :
BNA_G
ClientSampleId :
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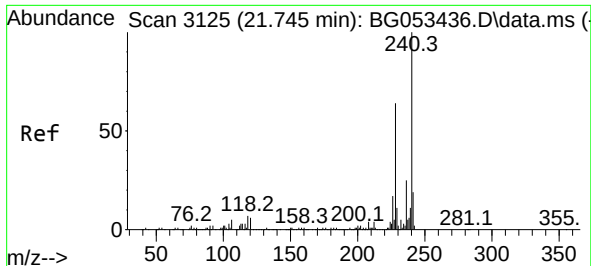
Tgt Ion:188 Resp: 151468
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.0
80 8.1 6.8 10.2



#67
4-Bromophenyl-phenylether
Concen: 4.946 ng
RT: 16.200 min Scan# 2181
Delta R.T. -0.442 min
Lab File: BG053515.D
Acq: 10 May 2022 19:35

Tgt Ion:248 Resp: 8749
Ion Ratio Lower Upper
248 100
250 200.5 75.2 112.8#
141 464.0 50.0 75.0#

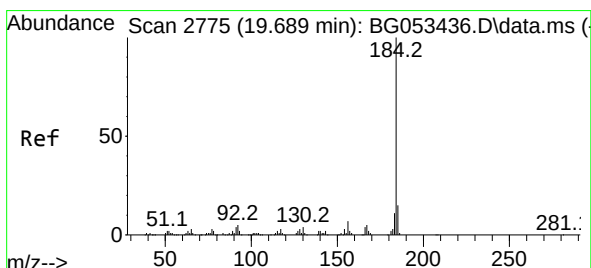
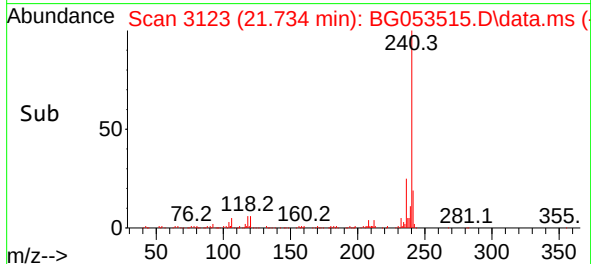
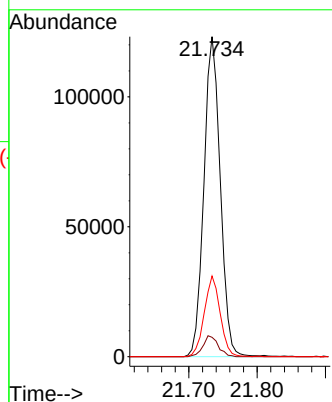
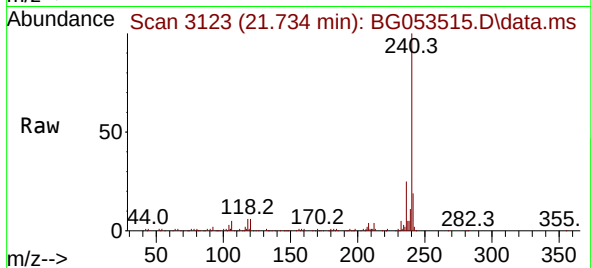




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.734 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG053515.D
Acq: 10 May 2022 19:35

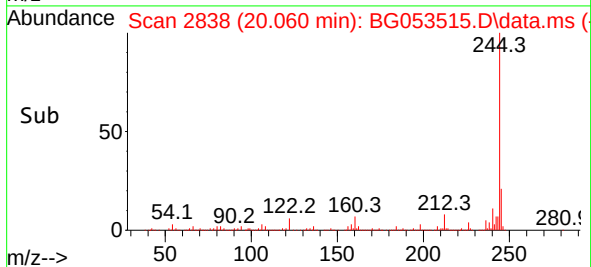
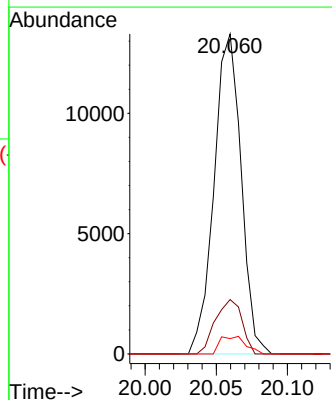
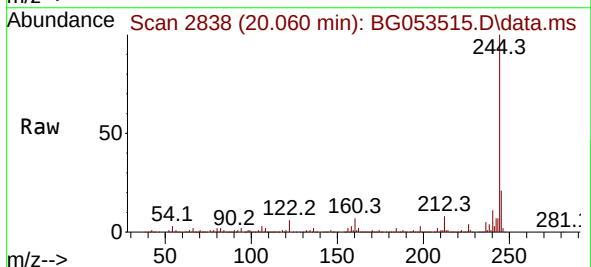
Instrument :
BNA_G
ClientSampleId :
TP-6

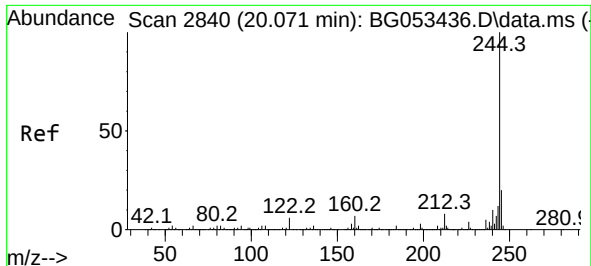
Tgt Ion:240 Resp: 205413
Ion Ratio Lower Upper
240 100
120 6.0 4.6 7.0
236 25.2 20.2 30.4



#77
Benzidine
Concen: 3.968 ng
RT: 20.060 min Scan# 2838
Delta R.T. 0.380 min
Lab File: BG053515.D
Acq: 10 May 2022 19:35

Tgt Ion:184 Resp: 17569
Ion Ratio Lower Upper
184 100
185 17.0 11.8 17.6
183 4.8 8.9 13.3#

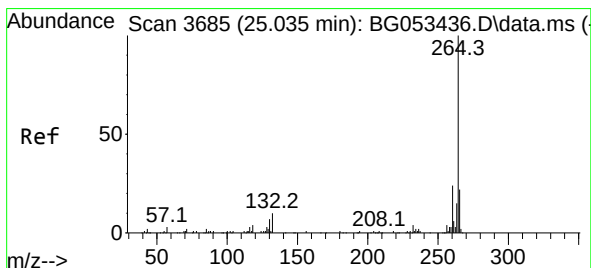
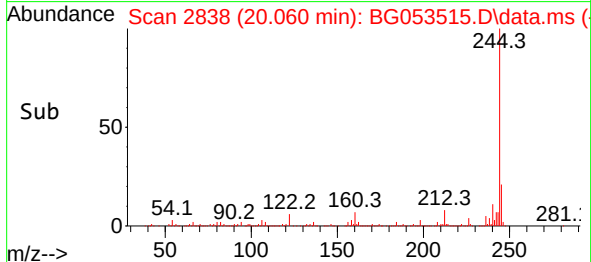
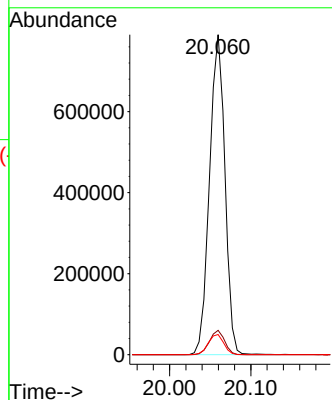
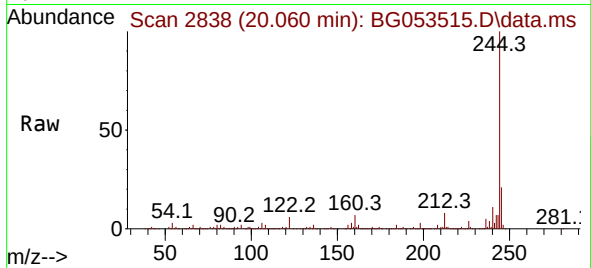




#79
 Terphenyl-d14
 Concen: 94.338 ng
 RT: 20.060 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053515.D
 Acq: 10 May 2022 19:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Tgt Ion:244 Resp: 1040464
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 6.3 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.012 min Scan# 3681
 Delta R.T. -0.008 min
 Lab File: BG053515.D
 Acq: 10 May 2022 19:35

Tgt Ion:264 Resp: 201333
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 22.9 17.4 26.2

