

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030122\
 Data File : BG052528.D
 Acq On : 1 Mar 2022 20:53
 Operator : CG/JU
 Sample : N1688-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-16R

Quant Time: Mar 02 01:52:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

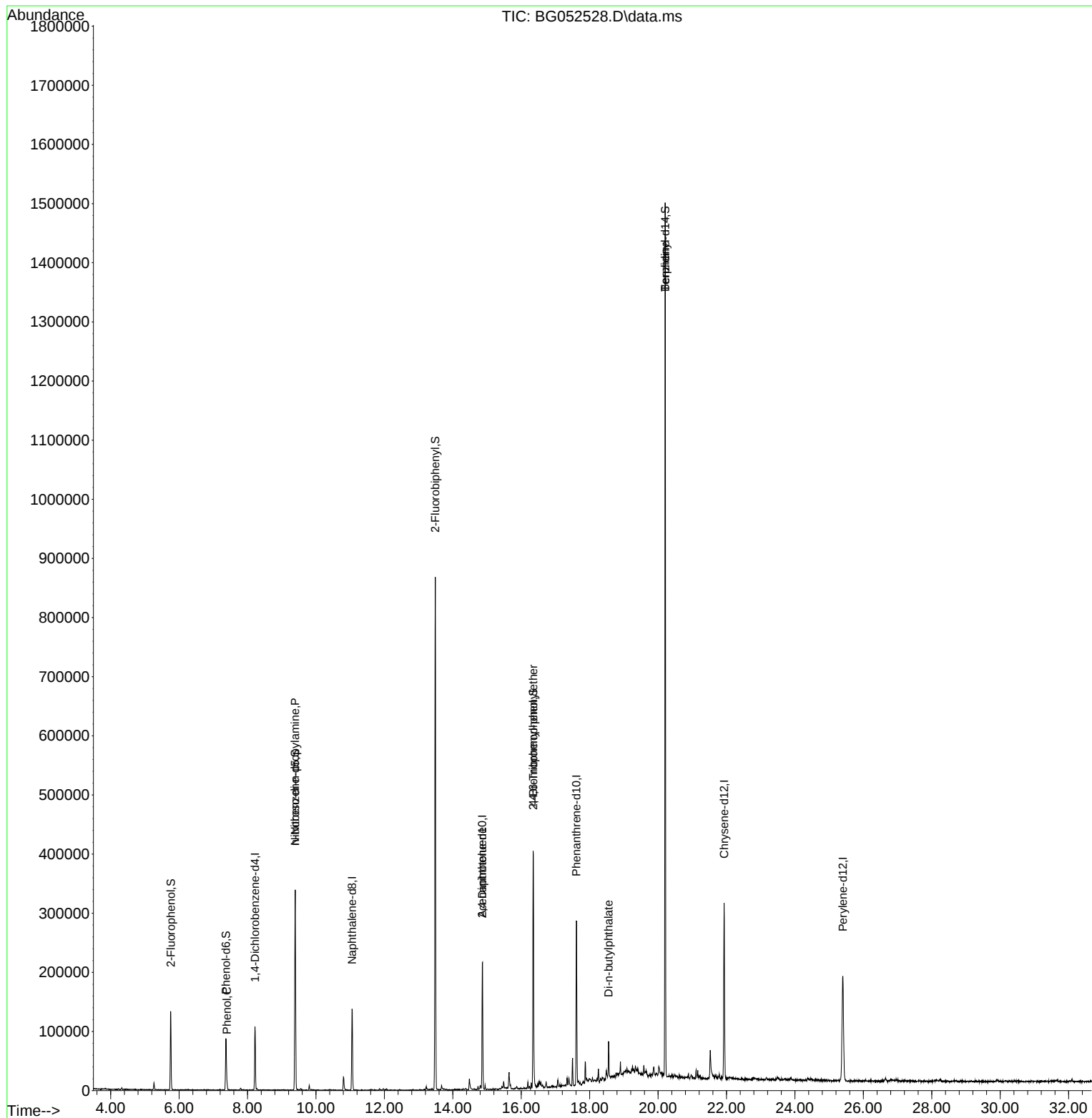
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.218	152	32007	20.000	ng	0.00
21) Naphthalene-d8	11.056	136	119738	20.000	ng	#-0.01
39) Acenaphthene-d10	14.862	164	79714	20.000	ng	-0.01
64) Phenanthrene-d10	17.612	188	184054	20.000	ng	-0.01
76) Chrysene-d12	21.929	240	199510	20.000	ng	-0.01
86) Perylene-d12	25.401	264	213896	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.757	112	59050	32.154	ng	0.00
7) Phenol-d6	7.367	99	50272	17.742	ng	0.00
23) Nitrobenzene-d5	9.393	82	215497	78.219	ng	0.00
42) 2,4,6-Tribromophenol	16.354	330	88102	76.930	ng	0.00
45) 2-Fluorobiphenyl	13.488	172	470262	81.974	ng	0.00
79) Terphenyl-d14	20.208	244	741468	65.627	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.361	77	66	Below Cal	#	8
10) Phenol	7.396	94	6820	2.422	ng	98
19) n-Nitroso-di-n-propyla...	9.393	70	29453	13.788	ng	# 74
57) 2,4-Dinitrotoluene	14.862	165	11091	5.914	ng	# 17
67) 4-Bromophenyl-phenylether	16.349	248	5570	2.489	ng	# 1
74) Di-n-butylphthalate	18.551	149	44871	4.542	ng	99
77) Benzidine	20.208	184	10380	2.435	ng	# 95

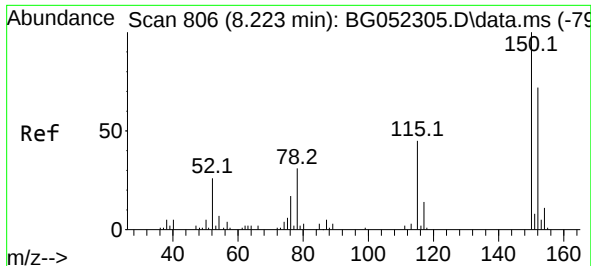
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030122\
Data File : BG052528.D
Acq On : 1 Mar 2022 20:53
Operator : CG/JU
Sample : N1688-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-16R

Quant Time: Mar 02 01:52:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

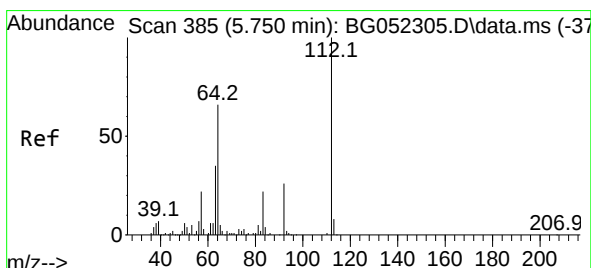
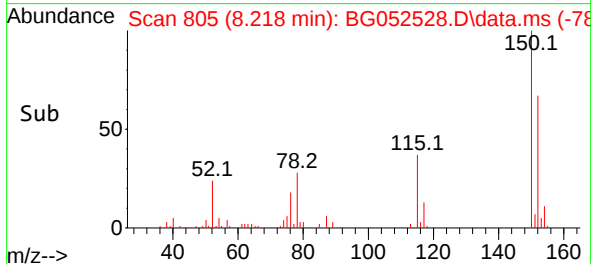
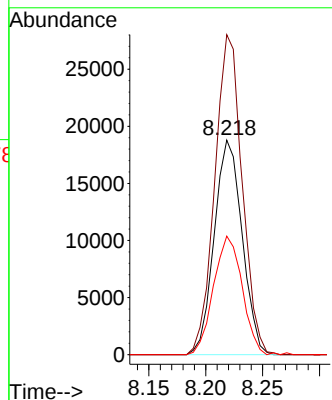
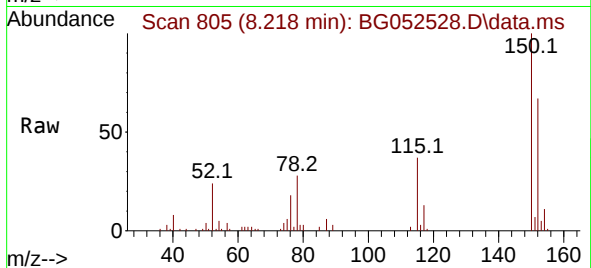




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.218 min Scan# 806
Delta R.T. -0.005 min
Lab File: BG052528.D
Acq: 1 Mar 2022 20:53

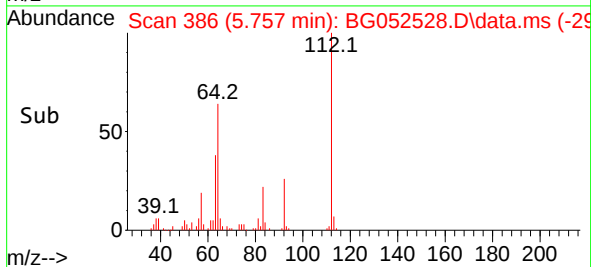
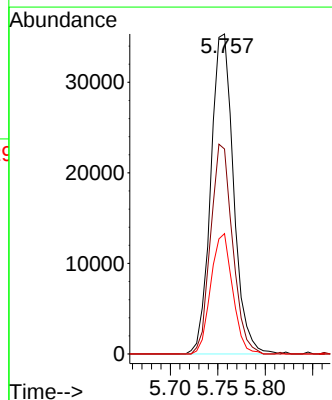
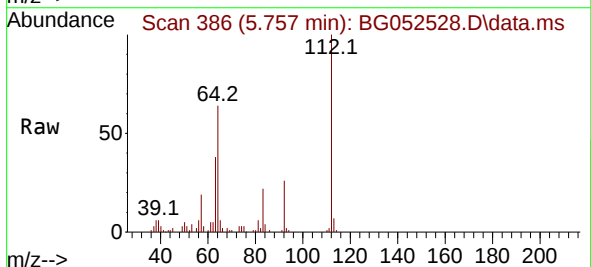
Instrument :
BNA_G
ClientSampleId :
MW-16R

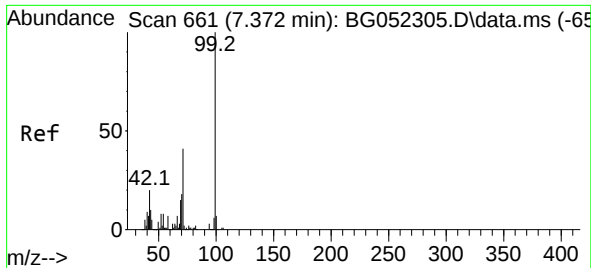
Tgt Ion:152 Resp: 32007
Ion Ratio Lower Upper
152 100
150 149.2 117.8 176.8
115 55.3 50.2 75.2



#5
2-Fluorophenol
Concen: 32.154 ng
RT: 5.757 min Scan# 386
Delta R.T. 0.007 min
Lab File: BG052528.D
Acq: 1 Mar 2022 20:53

Tgt Ion:112 Resp: 59050
Ion Ratio Lower Upper
112 100
64 64.0 60.4 90.6
63 37.6 33.3 49.9

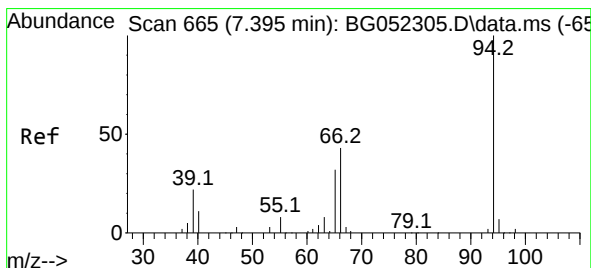
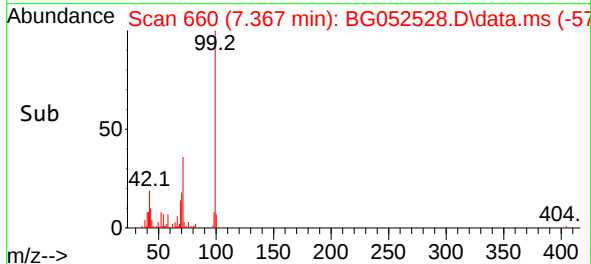
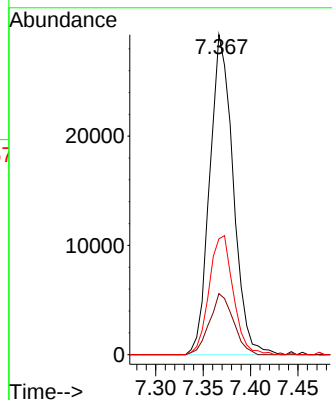
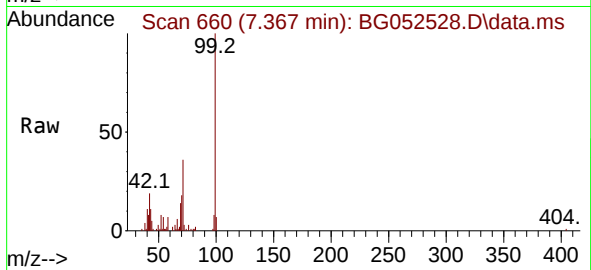




#7
Phenol-d6
Concen: 17.742 ng
RT: 7.367 min Scan# 661
Delta R.T. -0.005 min
Lab File: BG052528.D
Acq: 1 Mar 2022 20:53

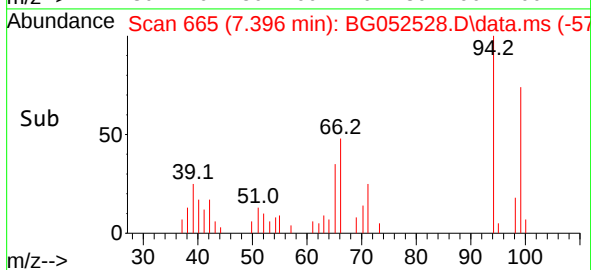
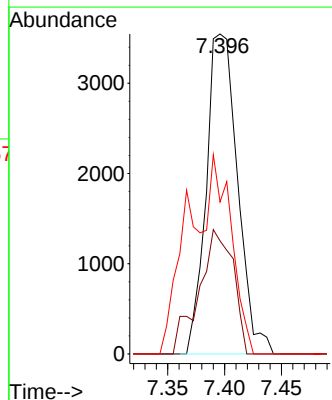
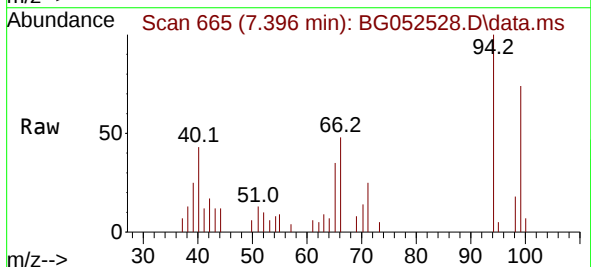
Instrument :
BNA_G
ClientSampleId :
MW-16R

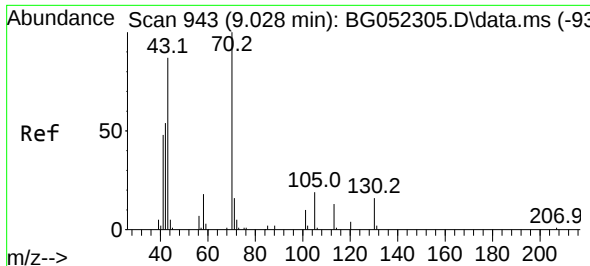
Tgt Ion: 99 Resp: 50272
Ion Ratio Lower Upper
99 100
42 19.1 19.1 28.7#
71 36.2 33.4 50.2



#10
Phenol
Concen: 2.422 ng
RT: 7.396 min Scan# 665
Delta R.T. 0.001 min
Lab File: BG052528.D
Acq: 1 Mar 2022 20:53

Tgt Ion: 94 Resp: 6820
Ion Ratio Lower Upper
94 100
65 35.4 14.1 54.1
66 47.5 26.6 66.6

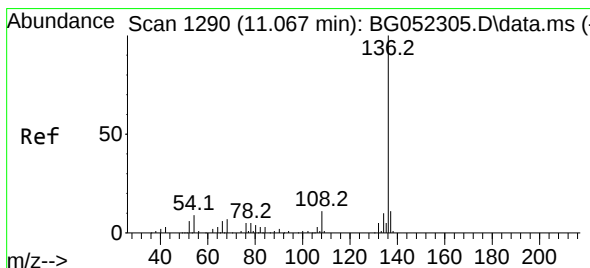
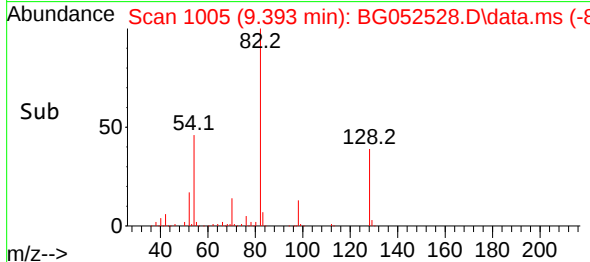
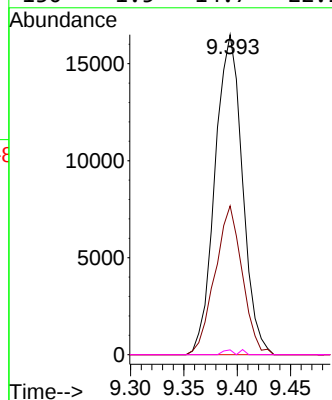
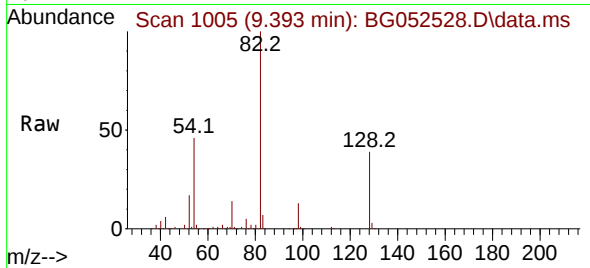




#19
n-Nitroso-di-n-propylamine
Concen: 13.788 ng
RT: 9.393 min Scan# 1005
Delta R.T. 0.365 min
Lab File: BG052528.D
Acq: 1 Mar 2022 20:53

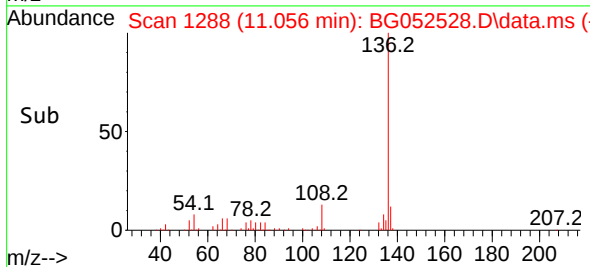
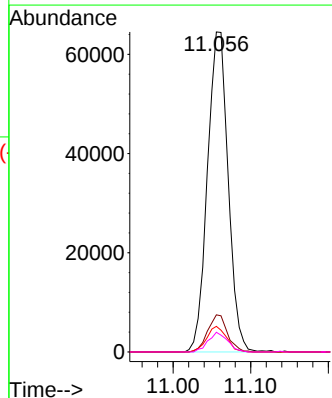
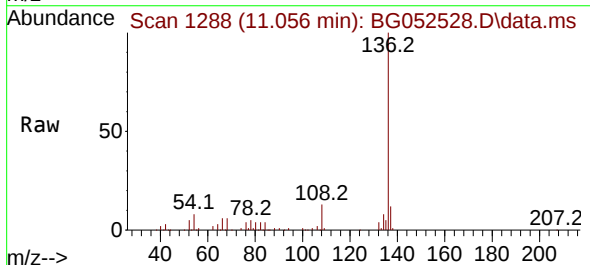
Instrument :
BNA_G
ClientSampleId :
MW-16R

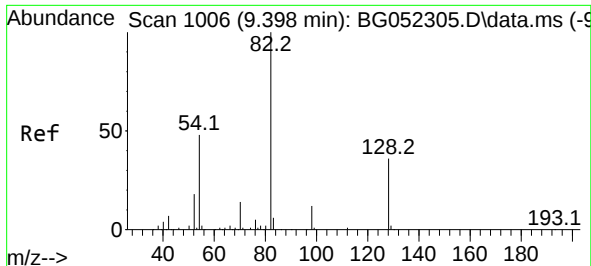
Tgt Ion: 70 Resp: 29453
Ion Ratio Lower Upper
70 100
42 46.5 51.8 77.6#
101 0.0 6.6 10.0#
130 1.5 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.056 min Scan# 1288
Delta R.T. -0.011 min
Lab File: BG052528.D
Acq: 1 Mar 2022 20:53

Tgt Ion: 136 Resp: 119738
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 8.0 8.3 12.5#
68 6.2 4.5 6.7

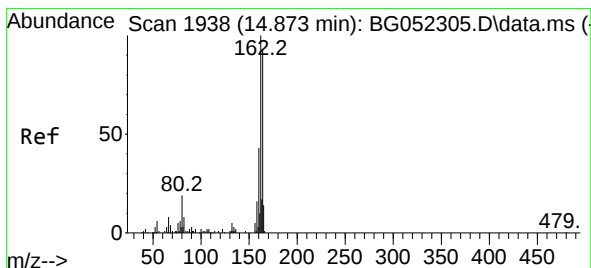
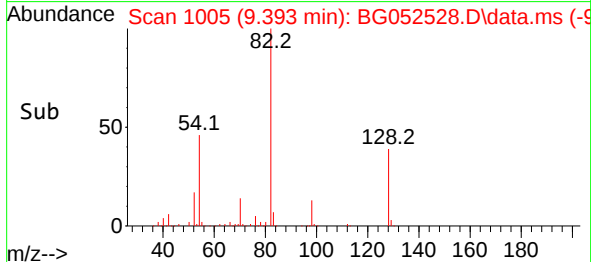
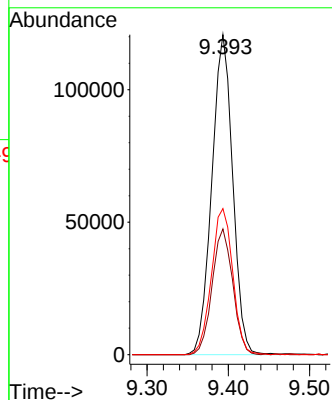
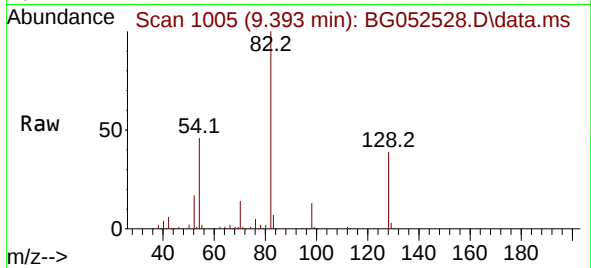




#23
Nitrobenzene-d5
Concen: 78.219 ng
RT: 9.393 min Scan# 1005
Delta R.T. -0.005 min
Lab File: BG052528.D
Acq: 1 Mar 2022 20:53

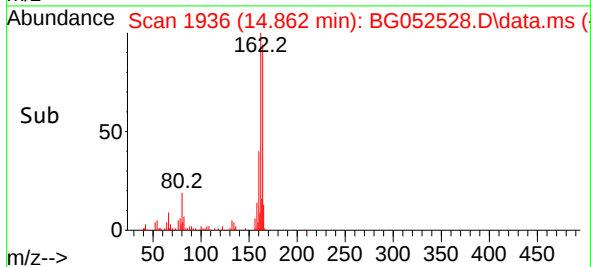
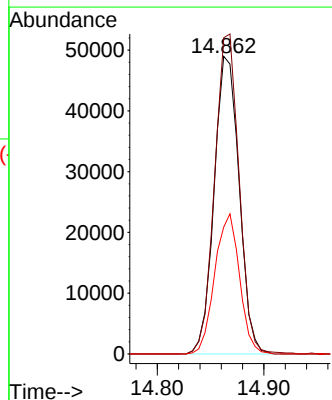
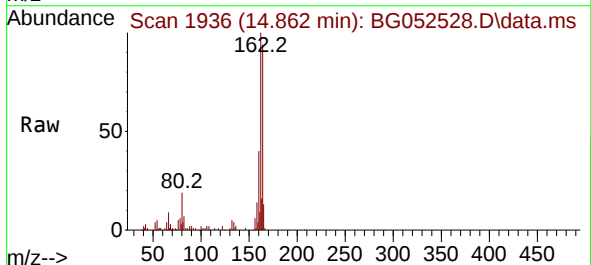
Instrument :
BNA_G
ClientSampleId :
MW-16R

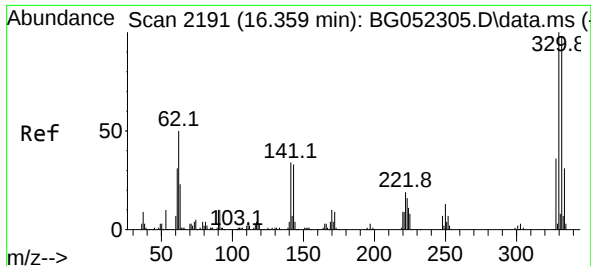
Tgt Ion: 82 Resp: 215497
Ion Ratio Lower Upper
82 100
128 39.3 27.0 40.4
54 45.6 41.0 61.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.862 min Scan# 1936
Delta R.T. -0.011 min
Lab File: BG052528.D
Acq: 1 Mar 2022 20:53

Tgt Ion:164 Resp: 79714
Ion Ratio Lower Upper
164 100
162 106.2 82.2 123.2
160 42.7 36.2 54.2

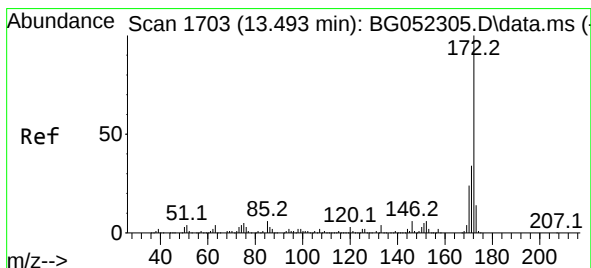
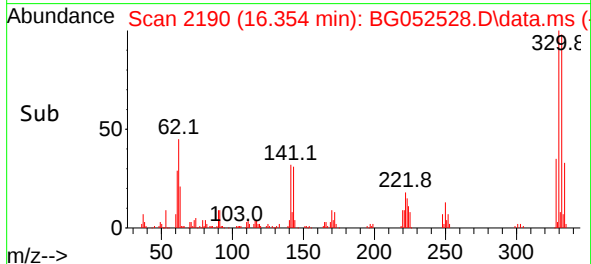
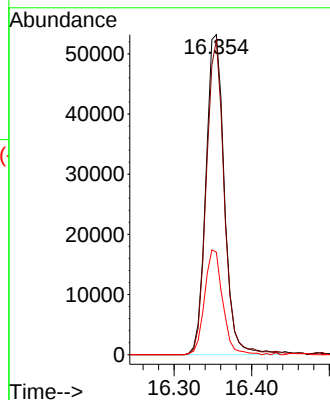
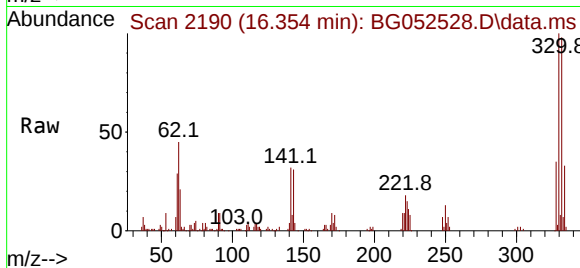




#42
2,4,6-Tribromophenol
Concen: 76.930 ng
RT: 16.354 min Scan# 2191
Delta R.T. -0.005 min
Lab File: BG052528.D
Acq: 1 Mar 2022 20:53

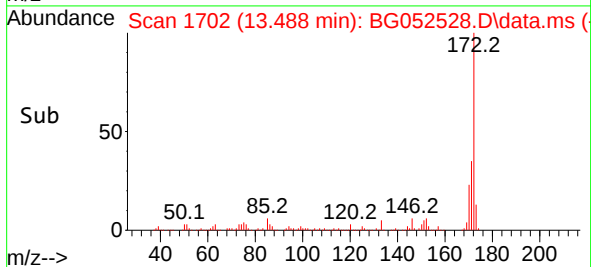
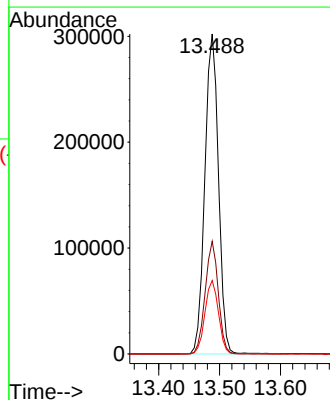
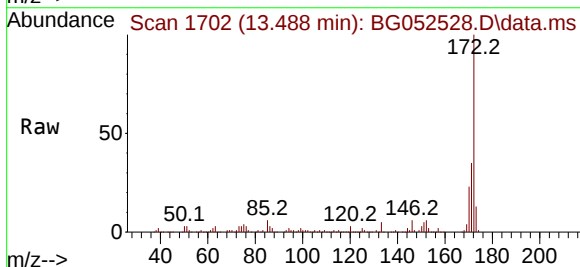
Instrument :
BNA_G
ClientSampleId :
MW-16R

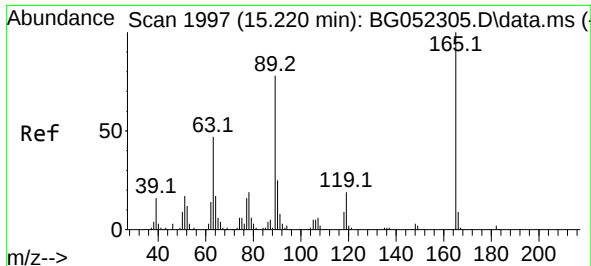
Tgt Ion:330 Resp: 88102
Ion Ratio Lower Upper
330 100
332 95.0 78.6 117.8
141 32.1 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 81.974 ng
RT: 13.488 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BG052528.D
Acq: 1 Mar 2022 20:53

Tgt Ion:172 Resp: 470262
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 22.9 18.3 27.5





#57

2,4-Dinitrotoluene

Concen: 5.914 ng

RT: 14.862 min Scan# 1997

Delta R.T. -0.357 min

Lab File: BG052528.D

Acq: 1 Mar 2022 20:53

Instrument :

BNA_G

ClientSampleId :

MW-16R

Tgt Ion:165 Resp: 11091

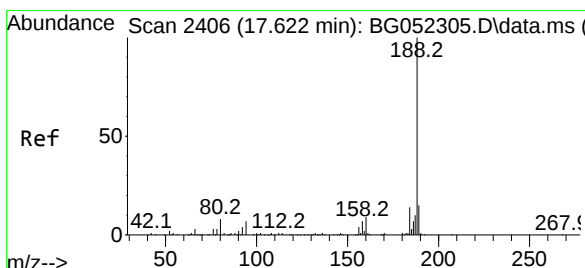
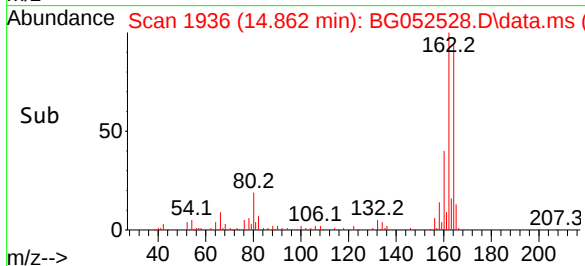
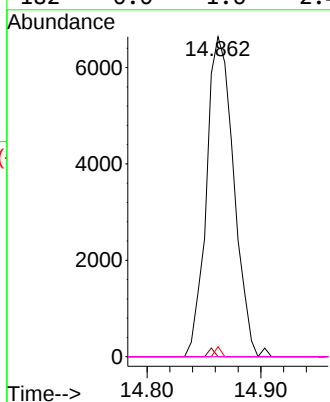
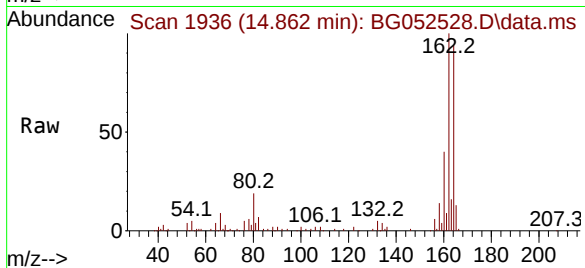
Ion Ratio Lower Upper

165 100

63 0.0 44.6 66.8#

89 3.1 67.4 101.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.612 min Scan# 2404

Delta R.T. -0.011 min

Lab File: BG052528.D

Acq: 1 Mar 2022 20:53

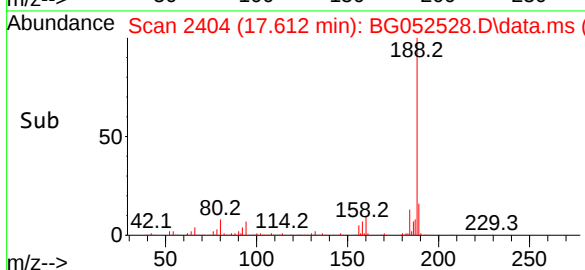
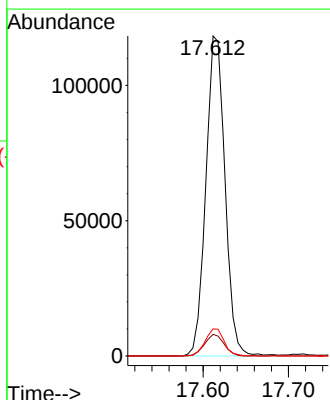
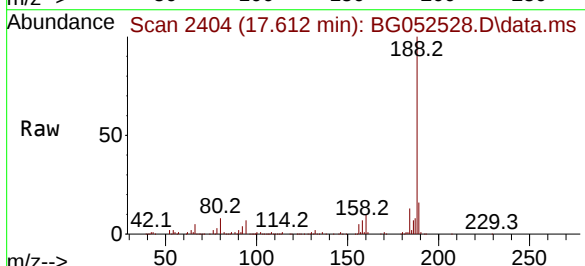
Tgt Ion:188 Resp: 184054

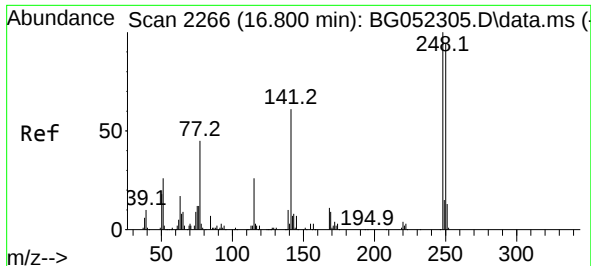
Ion Ratio Lower Upper

188 100

94 6.8 5.9 8.9

80 8.5 6.6 10.0

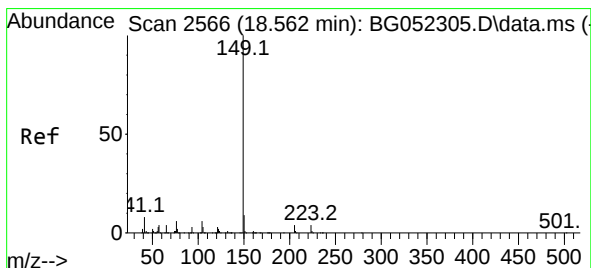
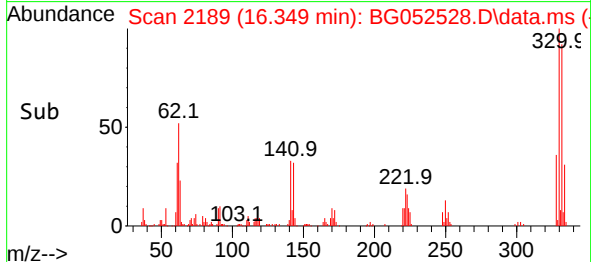
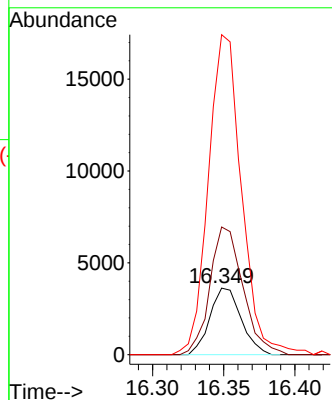
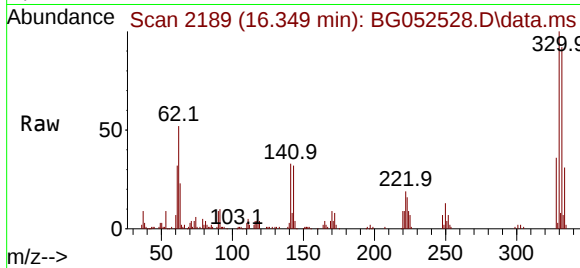




#67
4-Bromophenyl-phenylether
Concen: 2.489 ng
RT: 16.349 min Scan# 2189
Delta R.T. -0.451 min
Lab File: BG052528.D
Acq: 1 Mar 2022 20:53

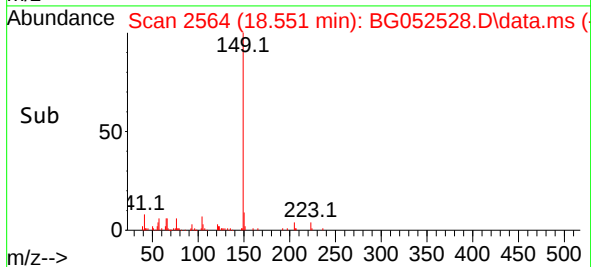
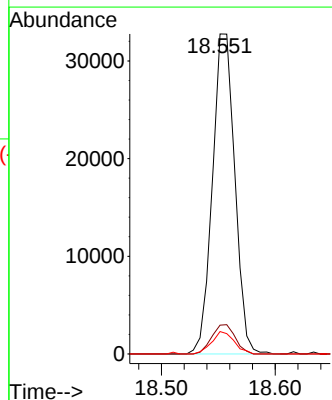
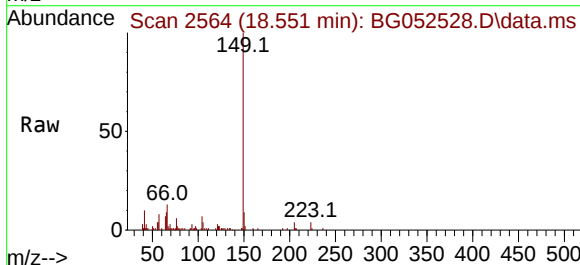
Instrument :
BNA_G
ClientSampleId :
MW-16R

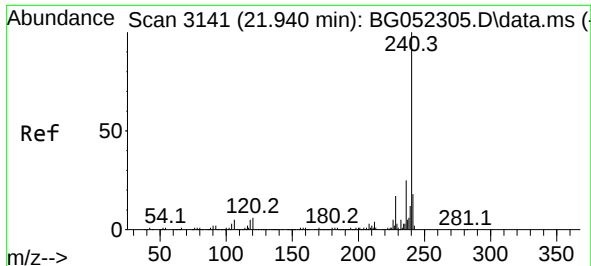
Tgt Ion:248 Resp: 5570
Ion Ratio Lower Upper
248 100
250 191.7 79.6 119.4#
141 480.3 54.6 81.8#



#74
Di-n-butylphthalate
Concen: 4.542 ng
RT: 18.551 min Scan# 2564
Delta R.T. -0.011 min
Lab File: BG052528.D
Acq: 1 Mar 2022 20:53

Tgt Ion:149 Resp: 44871
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 7.0 5.4 8.2

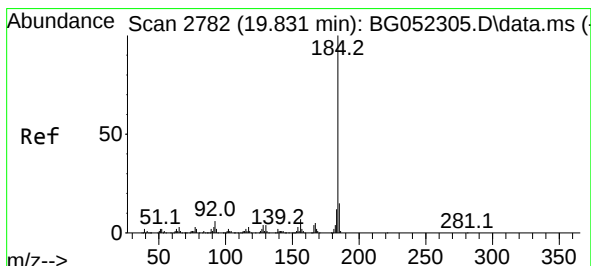
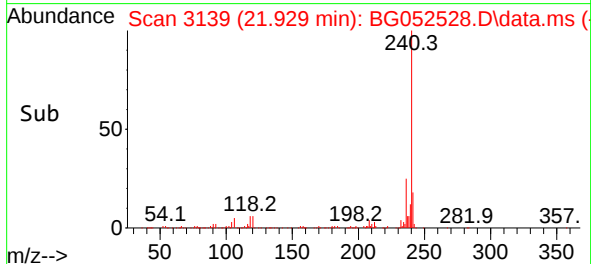
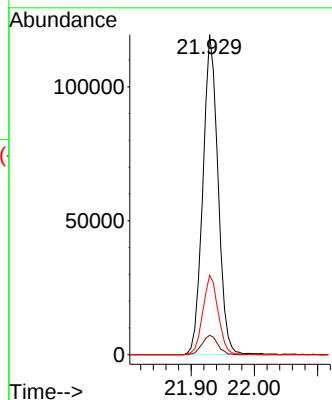
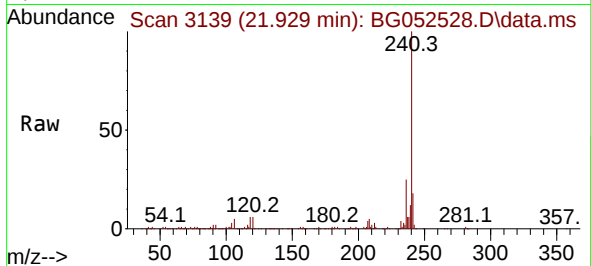




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.929 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG052528.D
Acq: 1 Mar 2022 20:53

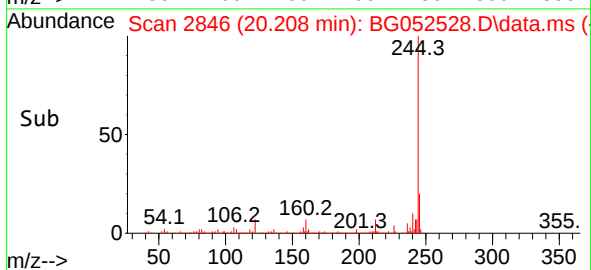
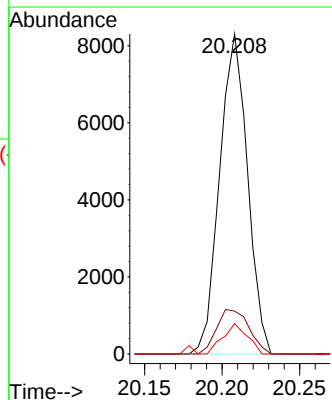
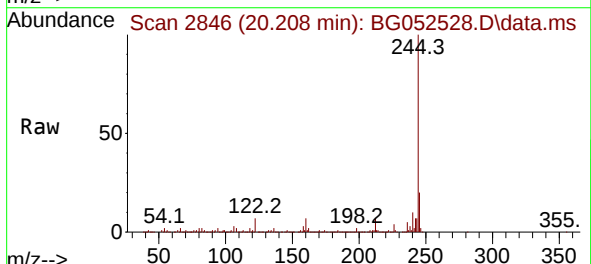
Instrument :
BNA_G
ClientSampleId :
MW-16R

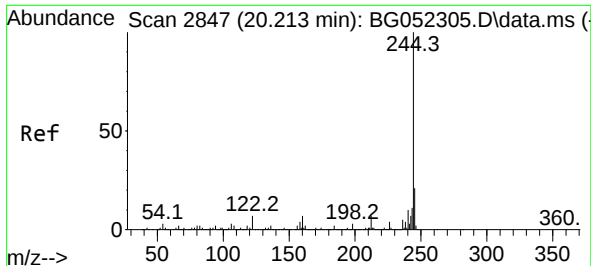
Tgt Ion:240 Resp: 199510
Ion Ratio Lower Upper
240 100
120 6.1 4.4 6.6
236 24.9 20.8 31.2



#77
Benzidine
Concen: 2.435 ng
RT: 20.208 min Scan# 2846
Delta R.T. 0.377 min
Lab File: BG052528.D
Acq: 1 Mar 2022 20:53

Tgt Ion:184 Resp: 10380
Ion Ratio Lower Upper
184 100
185 13.4 11.8 17.8
183 9.5 9.8 14.6#

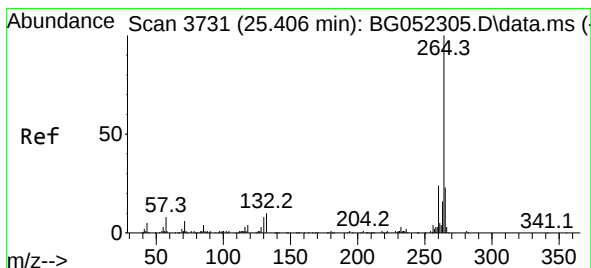
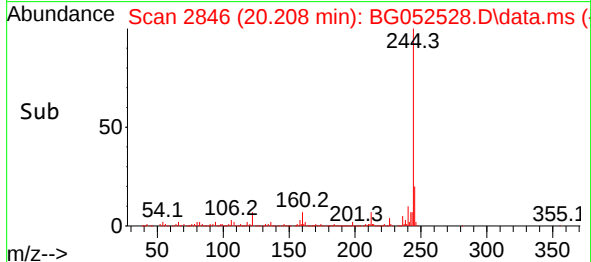
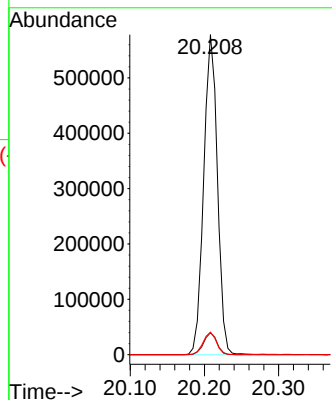
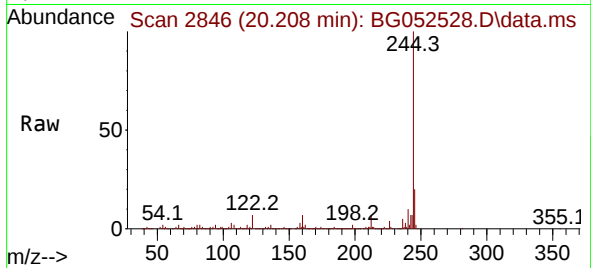




#79
 Terphenyl-d14
 Concen: 65.627 ng
 RT: 20.208 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG052528.D
 Acq: 1 Mar 2022 20:53

Instrument :
 BNA_G
 ClientSampleId :
 MW-16R

Tgt Ion:244 Resp: 741468
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 7.1 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.401 min Scan# 3730
 Delta R.T. -0.005 min
 Lab File: BG052528.D
 Acq: 1 Mar 2022 20:53

Tgt Ion:264 Resp: 213896
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.5 27.7
 265 20.4 17.8 26.6

