

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030122\
 Data File : BG052517.D
 Acq On : 1 Mar 2022 13:47
 Operator : CG/JU
 Sample : N1689-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-41

Quant Time: Mar 02 01:51:40 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)

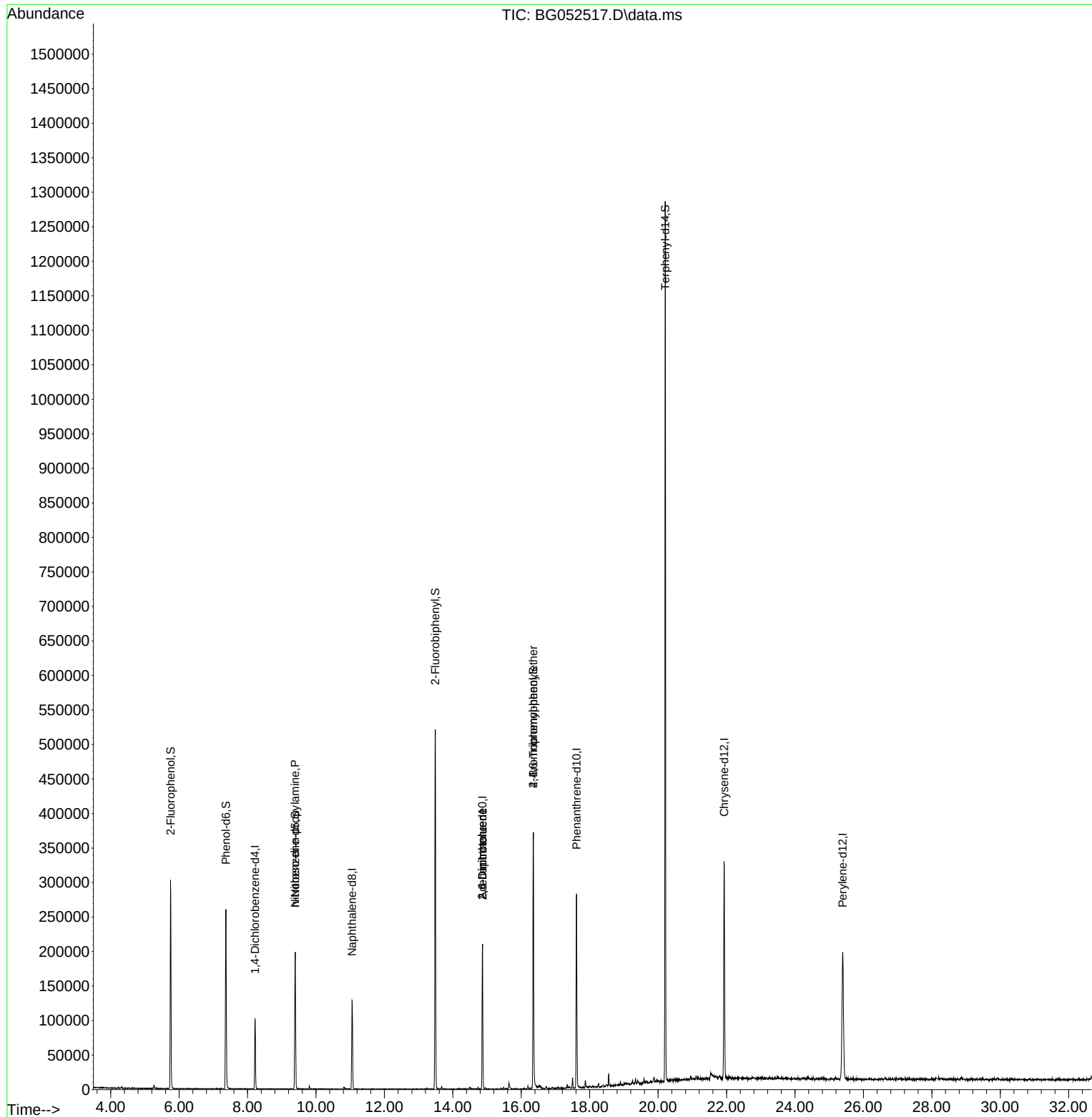
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.216	152	30862	20.000	ng	0.00
21) Naphthalene-d8	11.054	136	116133	20.000	ng	-0.01
39) Acenaphthene-d10	14.866	164	77702	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	189113	20.000	ng	0.00
76) Chrysene-d12	21.927	240	221902	20.000	ng	-0.01
86) Perylene-d12	25.393	264	225111	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	130409	73.646	ng	0.00
7) Phenol-d6	7.365	99	155478	56.906	ng	0.00
23) Nitrobenzene-d5	9.391	82	128461	48.075	ng	0.00
42) 2,4,6-Tribromophenol	16.352	330	82667	74.054	ng	0.00
45) 2-Fluorobiphenyl	13.486	172	295719	52.883	ng	0.00
79) Terphenyl-d14	20.206	244	664219	52.858	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.365	77	230	Below Cal	#	8
19) n-Nitroso-di-n-propyla...	9.391	70	17193	8.347 ng	#	74
51) 2,6-Dinitrotoluene	14.866	165	10745	8.365 ng	#	17
57) 2,4-Dinitrotoluene	14.866	165	10745	5.877 ng	#	16
67) 4-Bromophenyl-phenylether	16.352	248	4736	2.059 ng	#	1

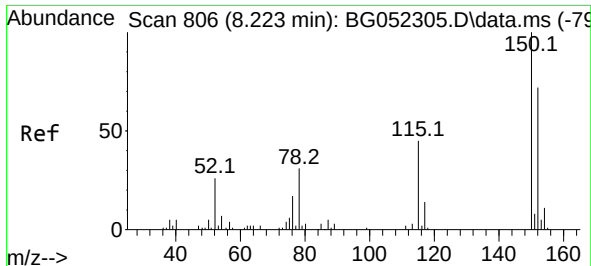
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030122\
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Quant Time: Mar 02 01:51:40 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

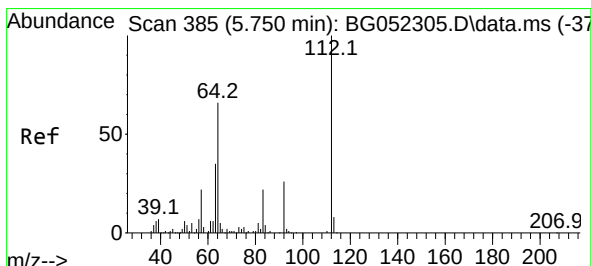
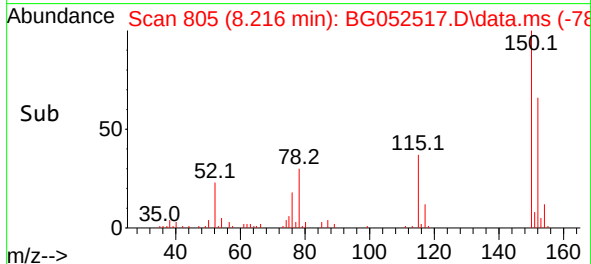
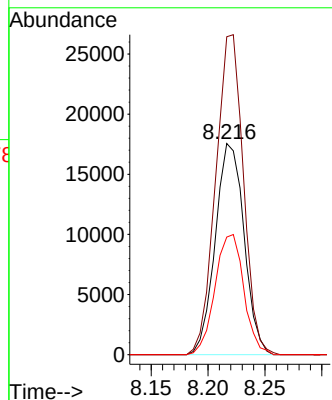
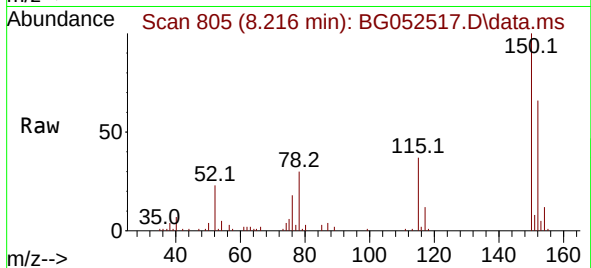




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.216 min Scan# 806
Delta R.T. -0.007 min
Lab File: BG052517.D
Acq: 1 Mar 2022 13:47

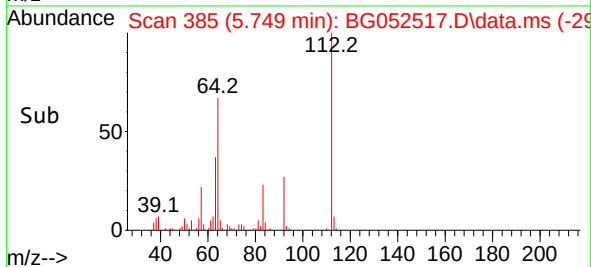
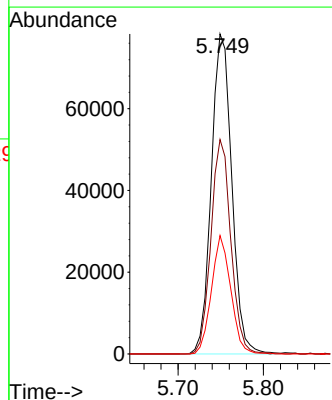
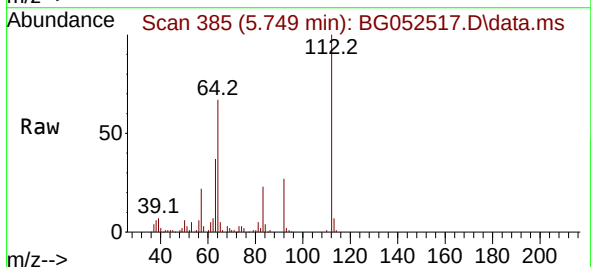
Instrument :
BNA_G
ClientSampleId :
MW-41

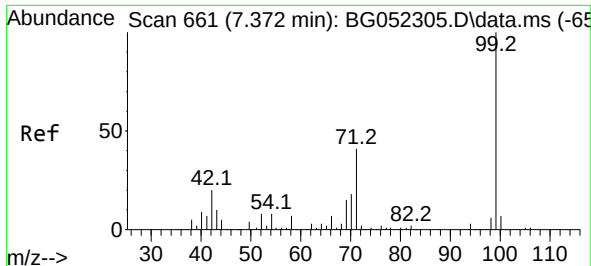
Tgt Ion:152 Resp: 30862
Ion Ratio Lower Upper
152 100
150 150.6 117.8 176.8
115 55.7 50.2 75.2



#5
2-Fluorophenol
Concen: 73.646 ng
RT: 5.749 min Scan# 385
Delta R.T. -0.001 min
Lab File: BG052517.D
Acq: 1 Mar 2022 13:47

Tgt Ion:112 Resp: 130409
Ion Ratio Lower Upper
112 100
64 67.0 60.4 90.6
63 37.0 33.3 49.9

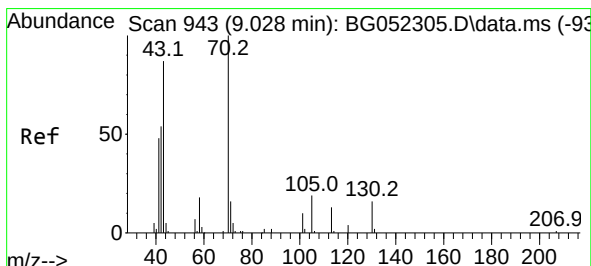
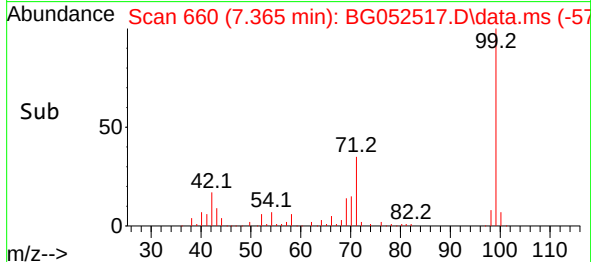
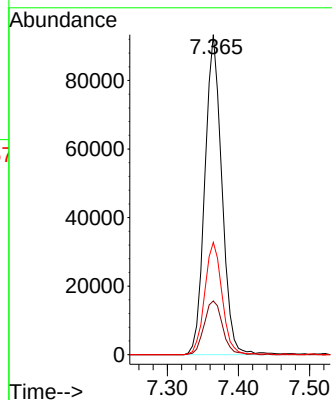
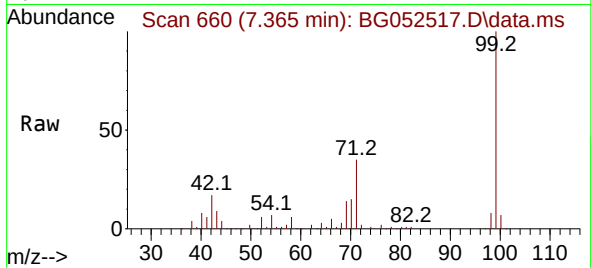




#7
Phenol-d6
Concen: 56.906 ng
RT: 7.365 min Scan# 60
Delta R.T. -0.007 min
Lab File: BG052517.D
Acq: 1 Mar 2022 13:47

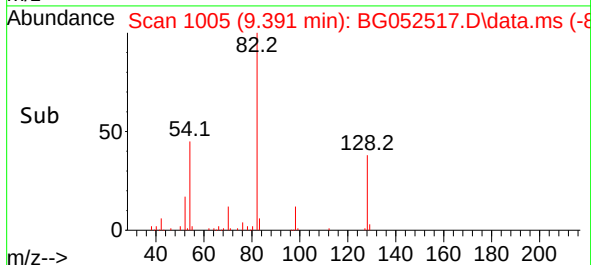
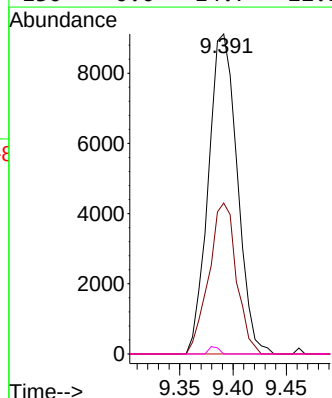
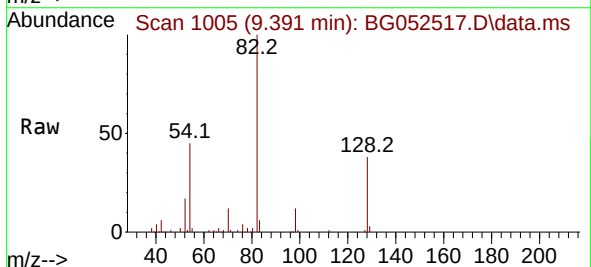
Instrument :
BNA_G
ClientSampleId :
MW-41

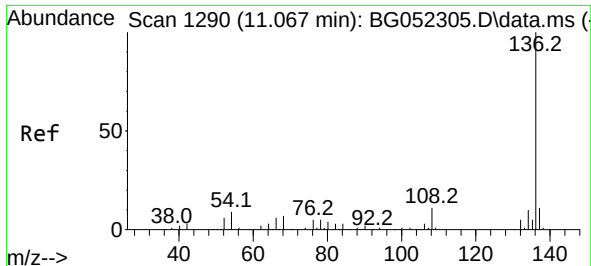
Tgt Ion: 99 Resp: 155478
Ion Ratio Lower Upper
99 100
42 16.8 19.1 28.7#
71 35.1 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 8.347 ng
RT: 9.391 min Scan# 1005
Delta R.T. 0.363 min
Lab File: BG052517.D
Acq: 1 Mar 2022 13:47

Tgt Ion: 70 Resp: 17193
Ion Ratio Lower Upper
70 100
42 47.1 51.8 77.6#
101 0.0 6.6 10.0#
130 0.0 14.7 22.1#

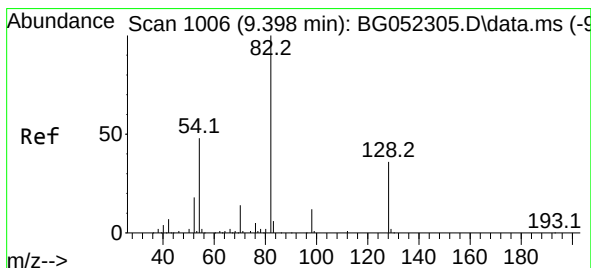
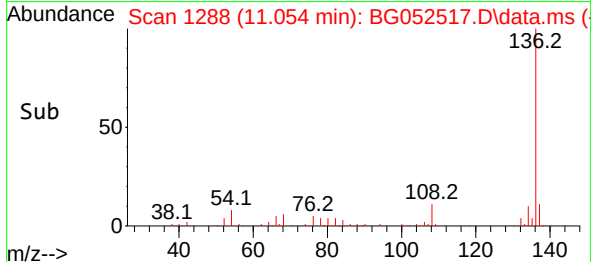
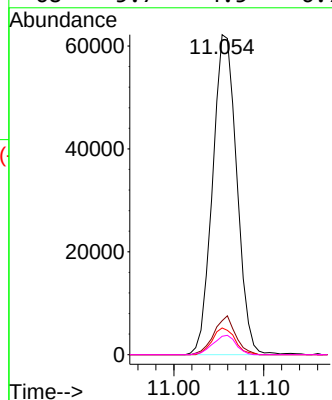
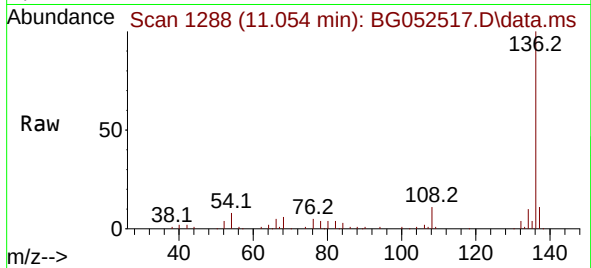




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.054 min Scan# 1105
Delta R.T. -0.013 min
Lab File: BG052517.D
Acq: 1 Mar 2022 13:47

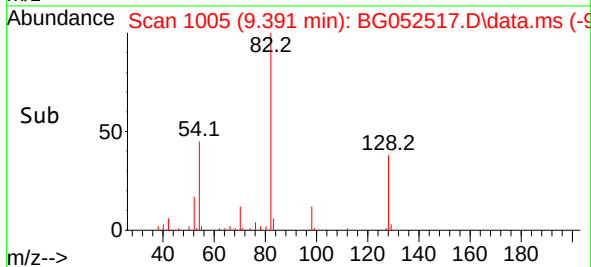
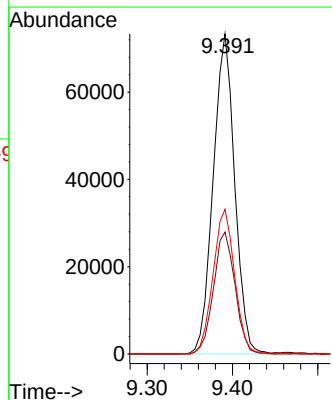
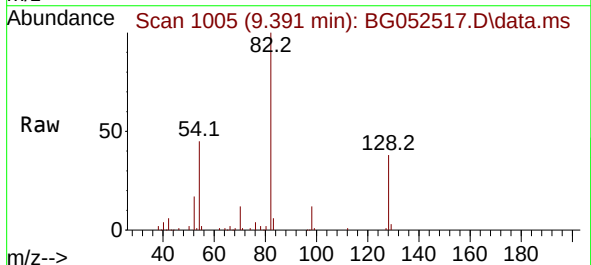
Instrument :
BNA_G
ClientSampleId :
MW-41

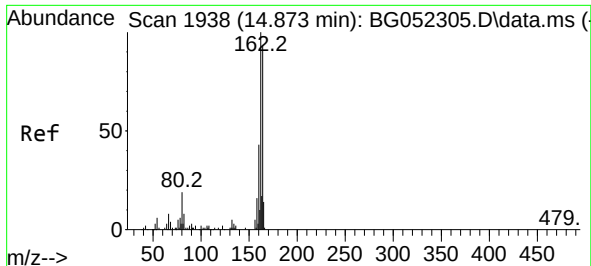
Tgt Ion:	136	Resp:	116133
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	8.3	8.3	12.5
68	5.7	4.5	6.7



#23
Nitrobenzene-d5
Concen: 48.075 ng
RT: 9.391 min Scan# 1005
Delta R.T. -0.007 min
Lab File: BG052517.D
Acq: 1 Mar 2022 13:47

Tgt Ion:	82	Resp:	128461
Ion	Ratio	Lower	Upper
82	100		
128	38.1	27.0	40.4
54	45.2	41.0	61.6

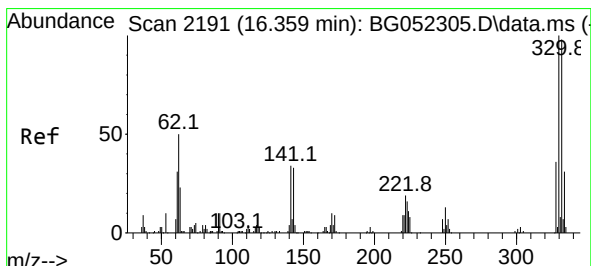
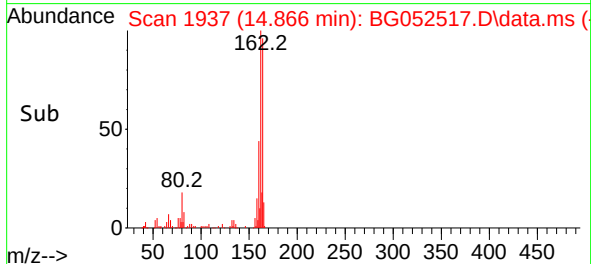
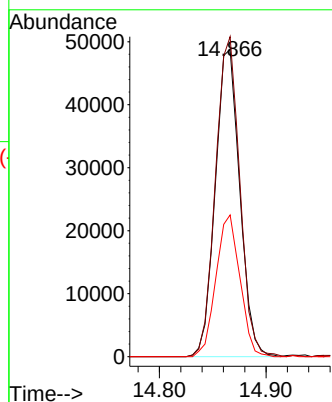
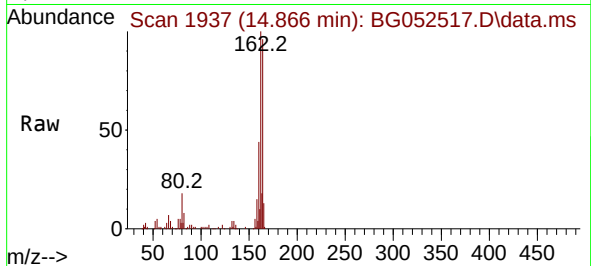




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.866 min Scan# 1937
Delta R.T. -0.007 min
Lab File: BG052517.D
Acq: 1 Mar 2022 13:47

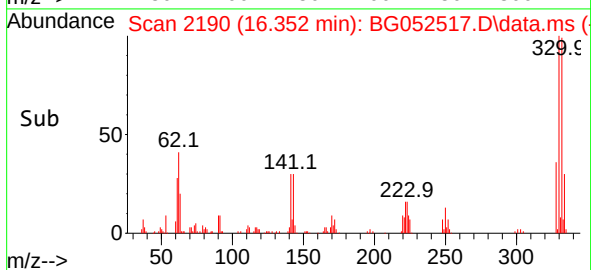
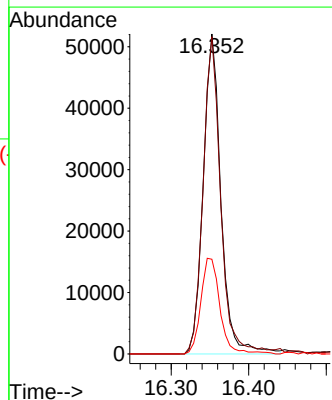
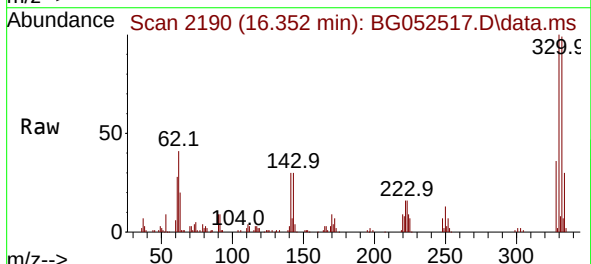
Instrument :
BNA_G
ClientSampleId :
MW-41

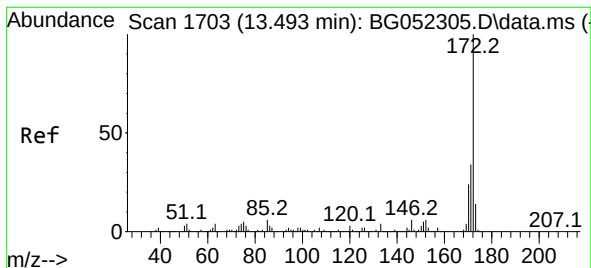
Tgt Ion:164 Resp: 77702
Ion Ratio Lower Upper
164 100
162 104.2 82.2 123.2
160 46.1 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 74.054 ng
RT: 16.352 min Scan# 2190
Delta R.T. -0.007 min
Lab File: BG052517.D
Acq: 1 Mar 2022 13:47

Tgt Ion:330 Resp: 82667
Ion Ratio Lower Upper
330 100
332 99.2 78.6 117.8
141 32.3 28.8 43.2





#45

2-Fluorobiphenyl

Concen: 52.883 ng

RT: 13.486 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG052517.D

Acq: 1 Mar 2022 13:47

Instrument :

BNA_G

ClientSampleId :

MW-41

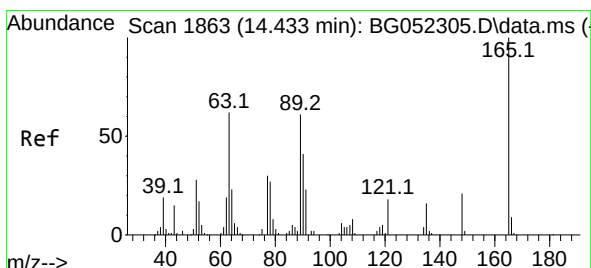
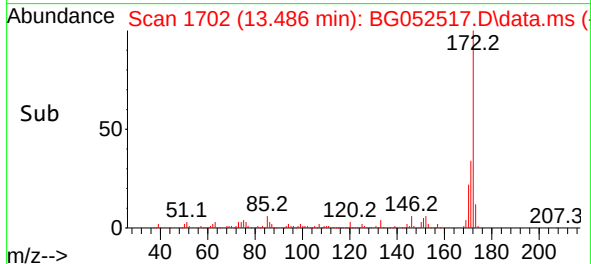
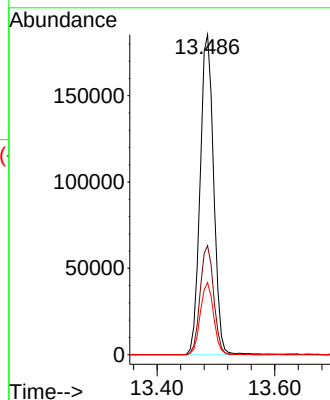
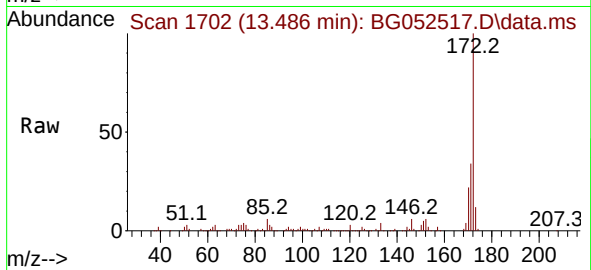
Tgt Ion:172 Resp: 295719

Ion Ratio Lower Upper

172 100

171 34.1 28.3 42.5

170 22.5 18.3 27.5



#51

2,6-Dinitrotoluene

Concen: 8.365 ng

RT: 14.866 min Scan# 1937

Delta R.T. 0.434 min

Lab File: BG052517.D

Acq: 1 Mar 2022 13:47

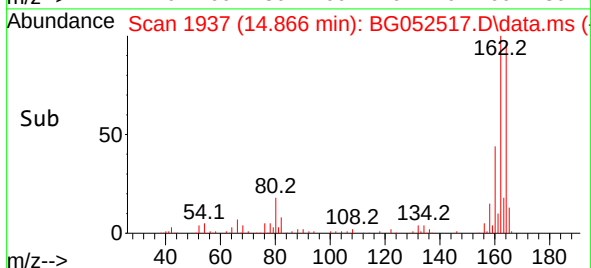
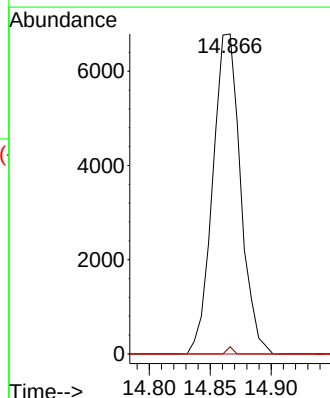
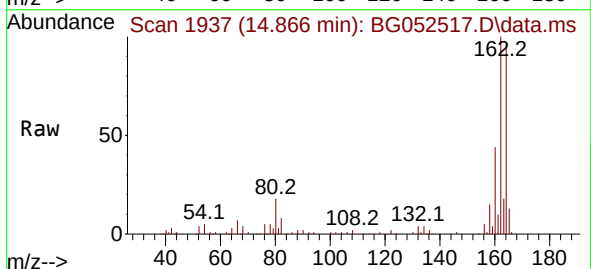
Tgt Ion:165 Resp: 10745

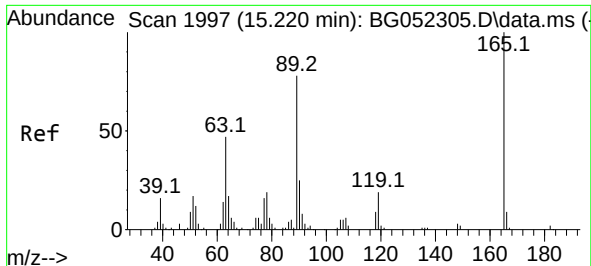
Ion Ratio Lower Upper

165 100

63 2.2 59.0 88.4#

89 0.0 49.4 74.0#

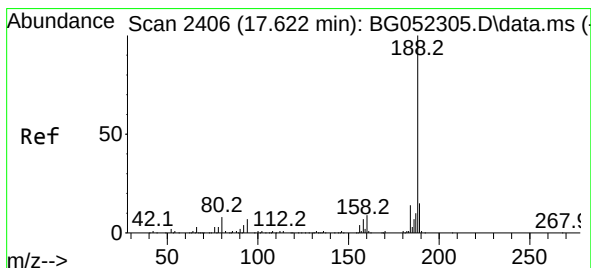
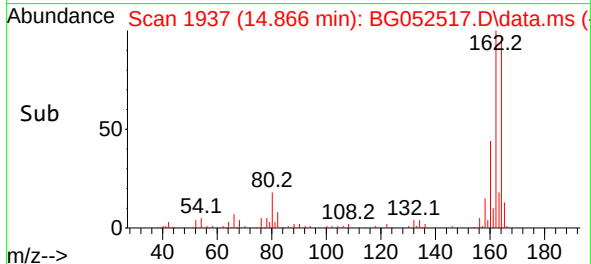
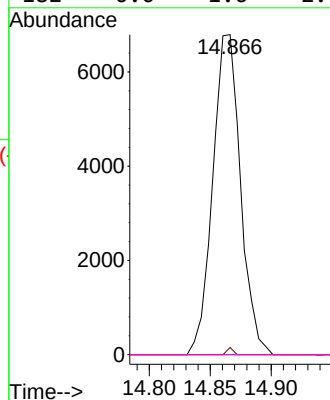
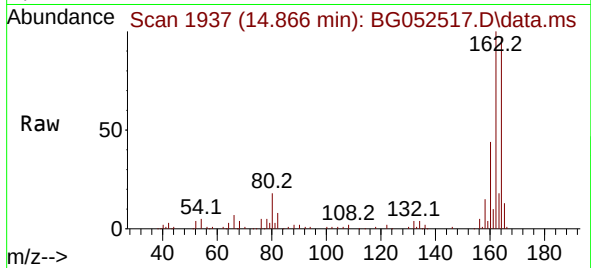




#57
2,4-Dinitrotoluene
Concen: 5.877 ng
RT: 14.866 min Scan# 1937
Delta R.T. -0.354 min
Lab File: BG052517.D
Acq: 1 Mar 2022 13:47

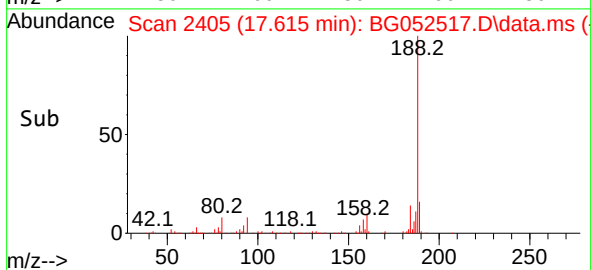
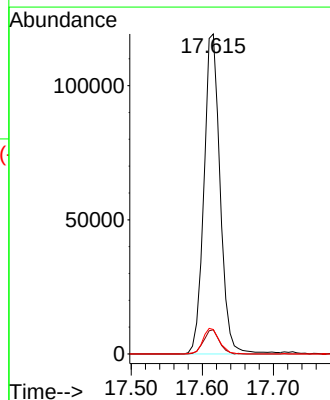
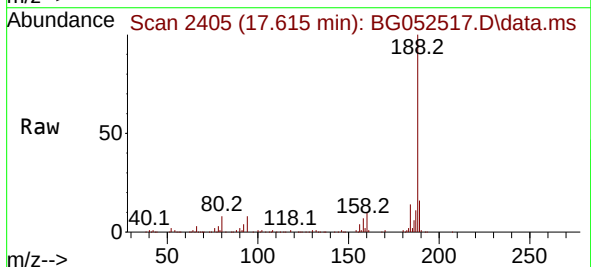
Instrument :
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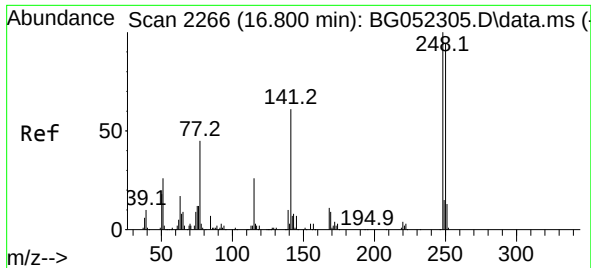
Tgt Ion:165 Resp: 10745
Ion Ratio Lower Upper
165 100
63 2.2 44.6 66.8#
89 0.0 67.4 101.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2405
Delta R.T. -0.007 min
Lab File: BG052517.D
Acq: 1 Mar 2022 13:47

Tgt Ion:188 Resp: 189113
Ion Ratio Lower Upper
188 100
94 7.6 5.9 8.9
80 7.7 6.6 10.0

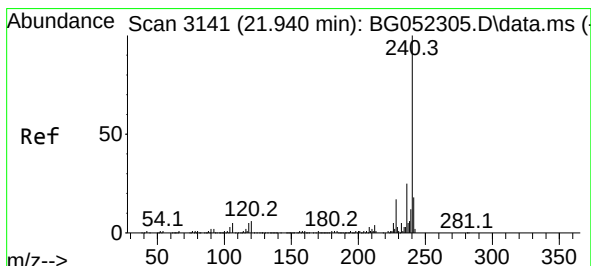
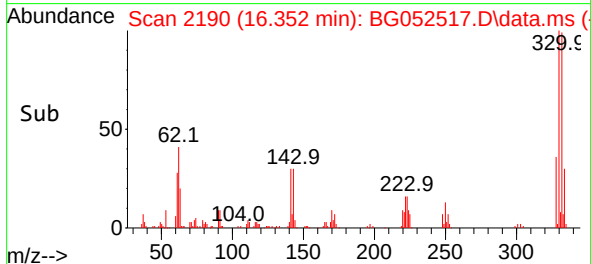
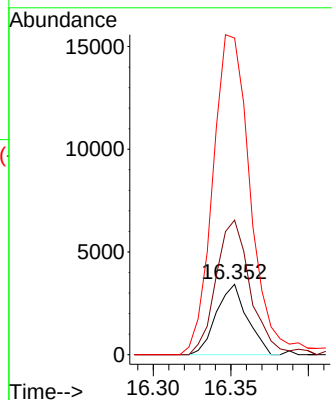
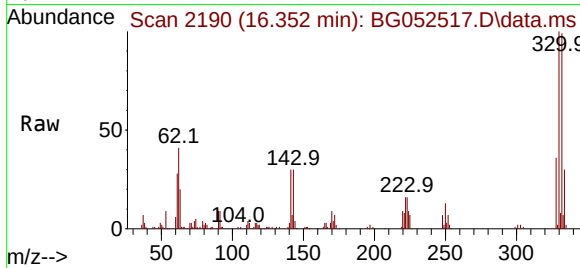




#67
4-Bromophenyl-phenylether
Concen: 2.059 ng
RT: 16.352 min Scan# 2190
Delta R.T. -0.448 min
Lab File: BG052517.D
Acq: 1 Mar 2022 13:47

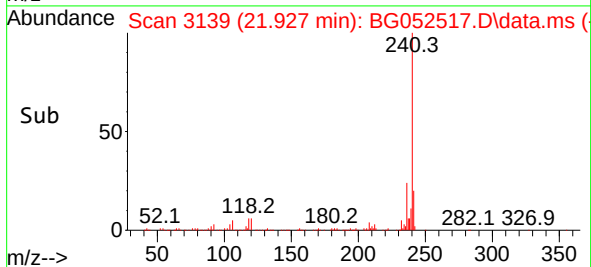
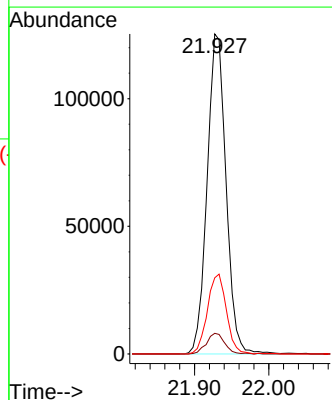
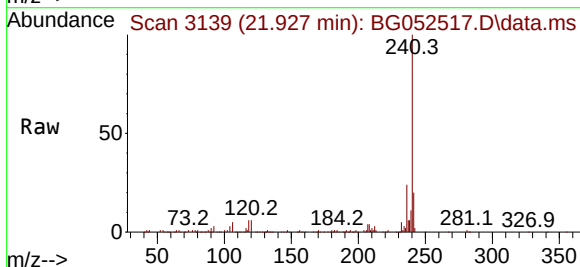
Instrument :
BNA_G
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MW-41

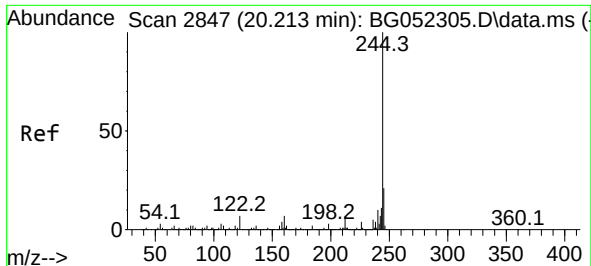
Tgt Ion:248 Resp: 4736
Ion Ratio Lower Upper
248 100
250 191.2 79.6 119.4#
141 450.2 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.927 min Scan# 3139
Delta R.T. -0.013 min
Lab File: BG052517.D
Acq: 1 Mar 2022 13:47

Tgt Ion:240 Resp: 221902
Ion Ratio Lower Upper
240 100
120 6.4 4.4 6.6
236 23.8 20.8 31.2

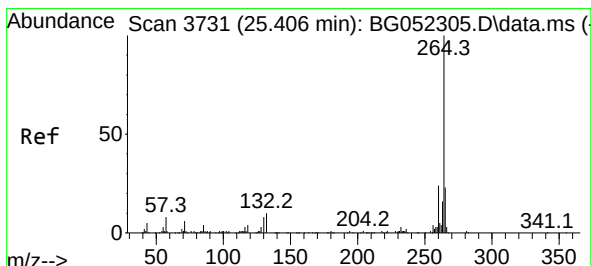
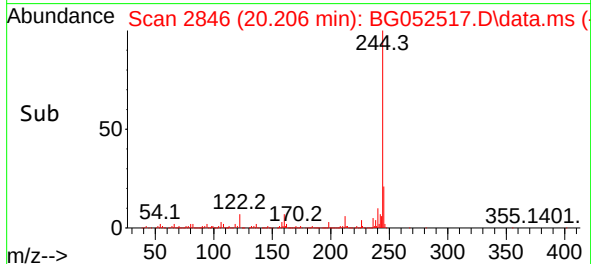
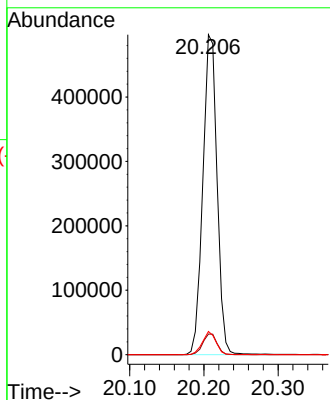
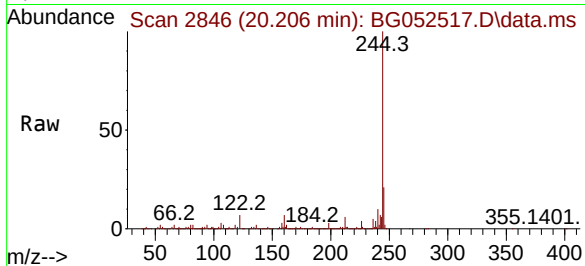




#79
 Terphenyl-d14
 Concen: 52.858 ng
 RT: 20.206 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG052517.D
 Acq: 1 Mar 2022 13:47

Instrument :
 BNA_G
 ClientSampleId :
 MW-41

Tgt Ion:244 Resp: 664219
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 7.3 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.393 min Scan# 3729
 Delta R.T. -0.013 min
 Lab File: BG052517.D
 Acq: 1 Mar 2022 13:47

Tgt Ion:264 Resp: 225111
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.5 27.7
 265 20.8 17.8 26.6

