

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052722\
 Data File : BG053731.D
 Acq On : 27 May 2022 13:30
 Operator : CG/JU
 Sample : PB144997BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144997BL

Quant Time: May 28 01:56:08 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 25 15:11:41 2022
 Response via : Initial Calibration

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

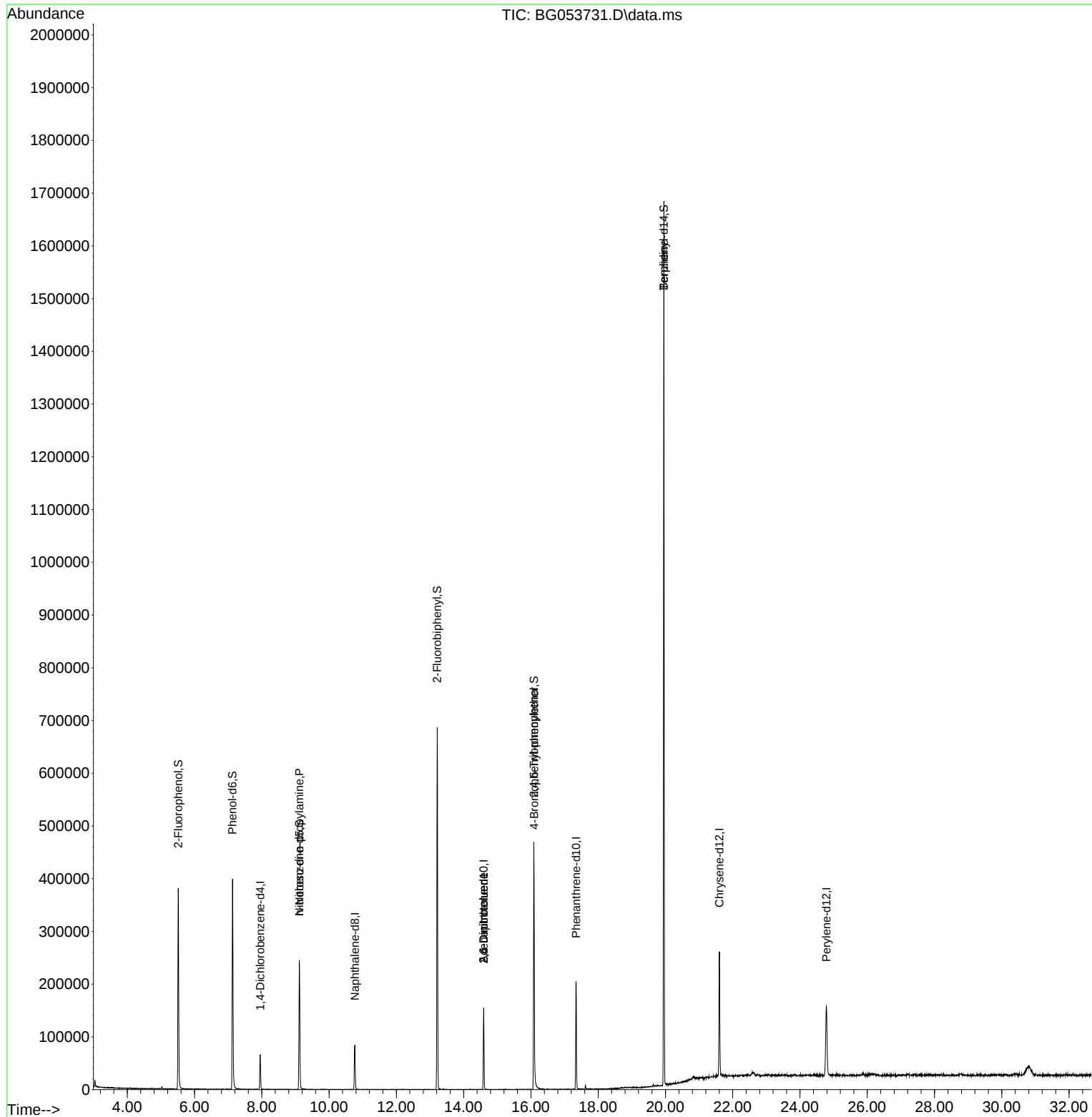
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	18886	20.000	ng	-0.03
21) Naphthalene-d8	10.765	136	72693	20.000	ng	-0.04
39) Acenaphthene-d10	14.595	164	52625	20.000	ng	-0.03
64) Phenanthrene-d10	17.344	188	138409	20.000	ng	-0.03
76) Chrysene-d12	21.603	240	155565	20.000	ng	-0.04
86) Perylene-d12	24.781	264	147419	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	158474	142.408	ng	-0.04
7) Phenol-d6	7.129	99	226542	134.138	ng	-0.04
23) Nitrobenzene-d5	9.114	82	156170	91.452	ng	-0.04
42) 2,4,6-Tribromophenol	16.087	330	107643	138.687	ng	-0.03
45) 2-Fluorobiphenyl	13.215	172	366110	101.661	ng	-0.03
79) Terphenyl-d14	19.953	244	834501	99.909	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.114	70	22204	18.324	ng	# 77
51) 2,6-Dinitrotoluene	14.595	165	6686	8.206	ng	# 19
57) 2,4-Dinitrotoluene	14.595	165	6686	5.662	ng	# 24
67) 4-Bromophenyl-phenylether	16.093	248	6301	3.898	ng	# 1
77) Benzidine	19.953	184	13487	4.022	ng	# 91

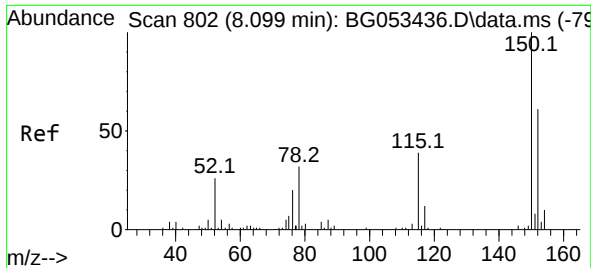
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052722\
Data File : BG053731.D
Acq On : 27 May 2022 13:30
Operator : CG/JU
Sample : PB144997BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB144997BL

Quant Time: May 28 01:56:08 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 25 15:11:41 2022
Response via : Initial Calibration

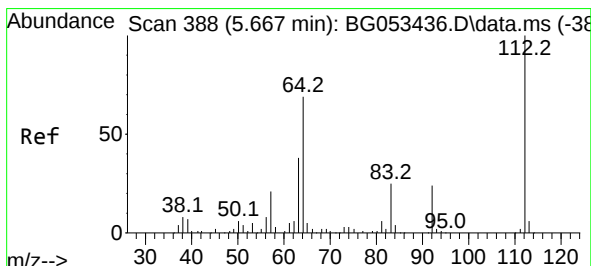
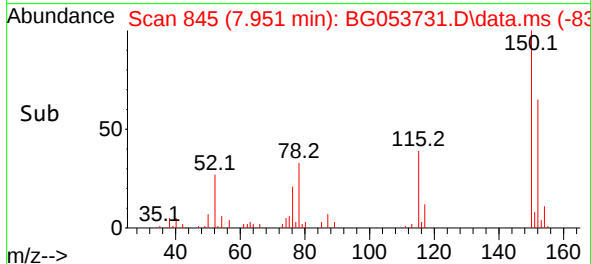
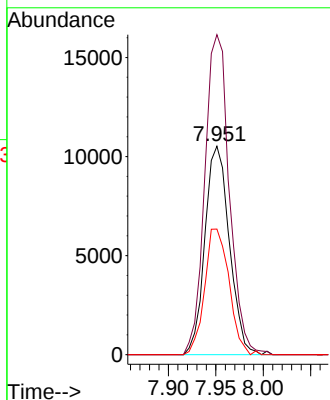
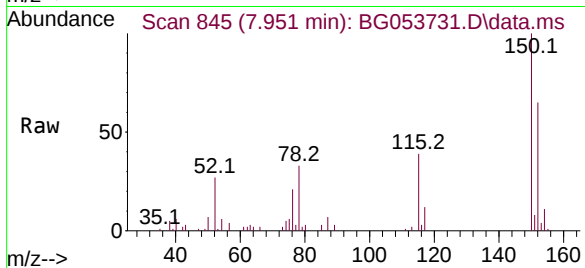




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.951 min Scan# 84
Delta R.T. -0.035 min
Lab File: BG053731.D
Acq: 27 May 2022 13:30

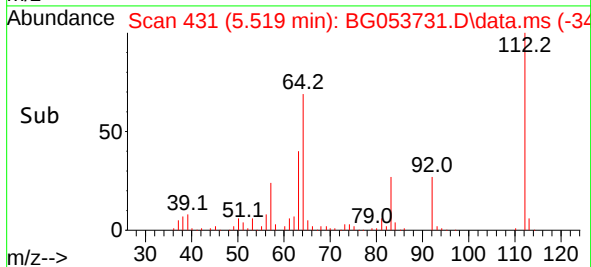
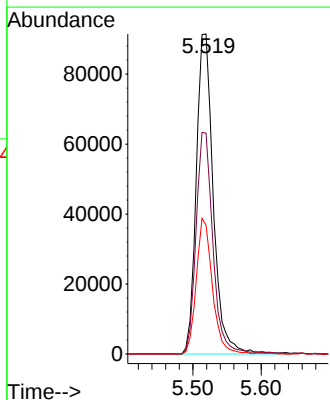
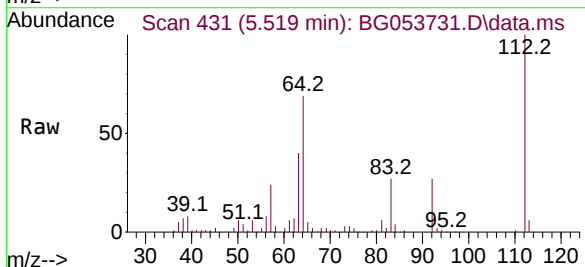
Instrument :
BNA_G
ClientSampleId :
PB144997BL

Tgt Ion:152 Resp: 18886
Ion Ratio Lower Upper
152 100
150 153.4 131.6 197.4
115 60.2 50.9 76.3



#5
2-Fluorophenol
Concen: 142.408 ng
RT: 5.519 min Scan# 431
Delta R.T. -0.035 min
Lab File: BG053731.D
Acq: 27 May 2022 13:30

Tgt Ion:112 Resp: 158474
Ion Ratio Lower Upper
112 100
64 69.0 55.1 82.7
63 40.3 30.4 45.6

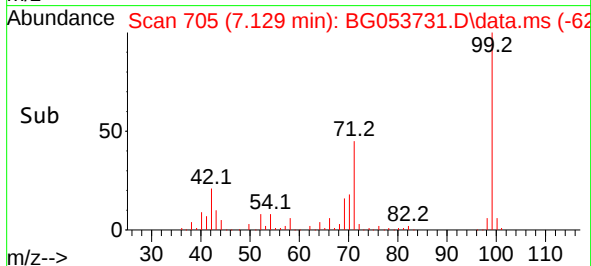
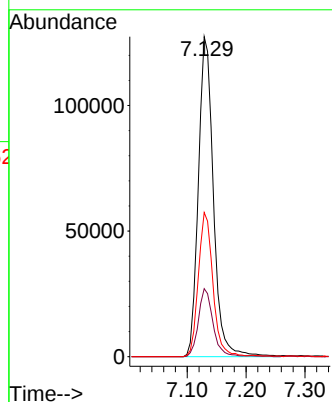
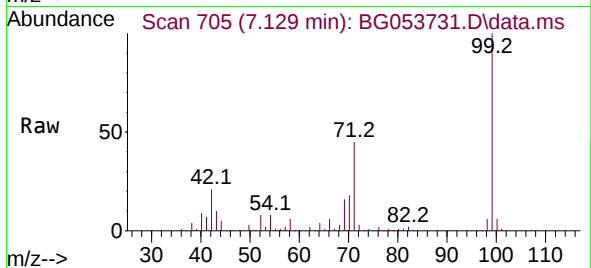




#7
Phenol-d6
Concen: 134.138 ng
RT: 7.129 min Scan# 705
Delta R.T. -0.035 min
Lab File: BG053731.D
Acq: 27 May 2022 13:30

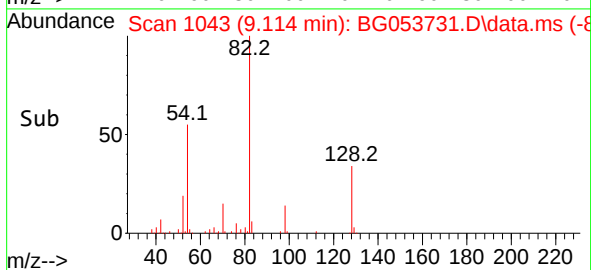
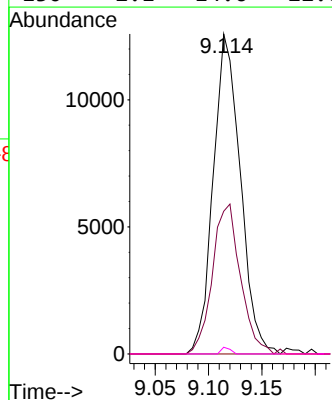
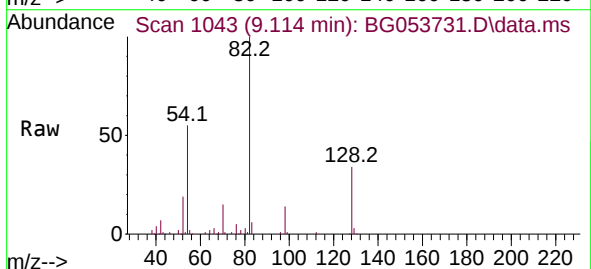
Instrument :
BNA_G
ClientSampleId :
PB144997BL

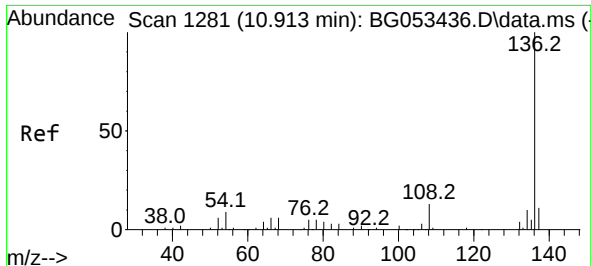
Tgt Ion: 99 Resp: 226542
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 45.1 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.324 ng
RT: 9.114 min Scan# 1043
Delta R.T. 0.317 min
Lab File: BG053731.D
Acq: 27 May 2022 13:30

Tgt Ion: 70 Resp: 22204
Ion Ratio Lower Upper
70 100
42 44.6 47.3 70.9#
101 0.0 7.0 10.4#
130 2.1 14.6 22.0#

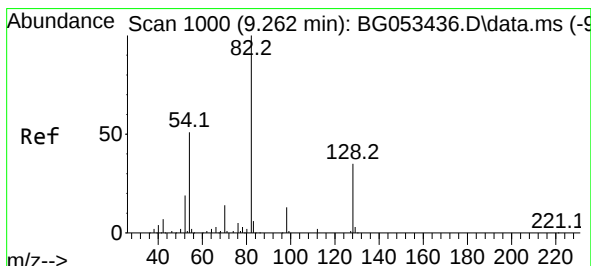
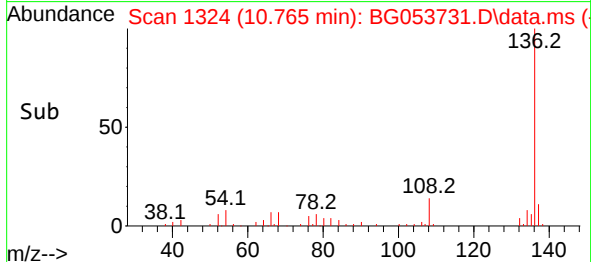
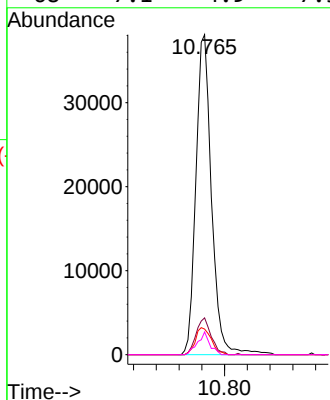
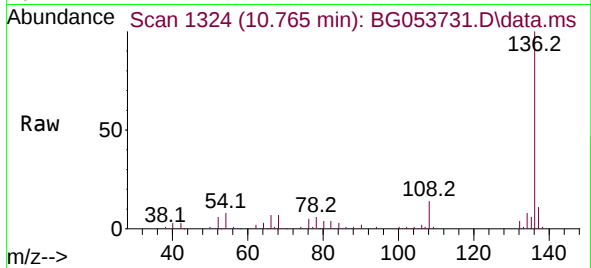




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.765 min Scan# 11
Delta R.T. -0.035 min
Lab File: BG053731.D
Acq: 27 May 2022 13:30

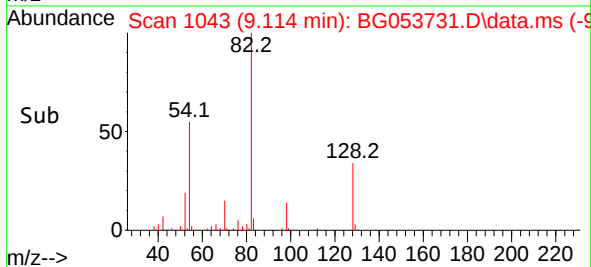
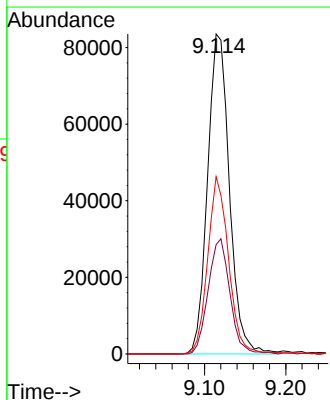
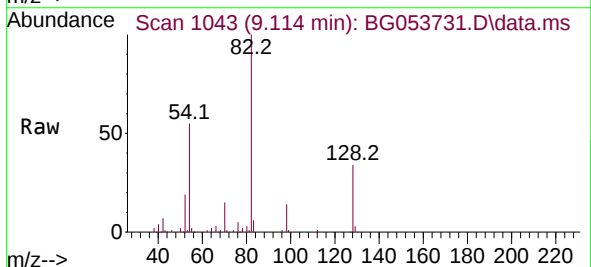
Instrument :
BNA_G
ClientSampleId :
PB144997BL

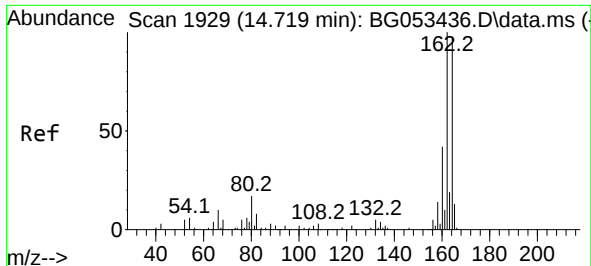
Tgt Ion:136	Resp:	72693
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.5 12.7
54	8.0	7.4 11.2
68	7.1	4.9 7.3



#23
Nitrobenzene-d5
Concen: 91.452 ng
RT: 9.114 min Scan# 1043
Delta R.T. -0.041 min
Lab File: BG053731.D
Acq: 27 May 2022 13:30

Tgt Ion: 82	Resp:	156170
Ion Ratio	Lower	Upper
82	100	
128	34.1	27.9 41.9
54	55.4	41.2 61.8

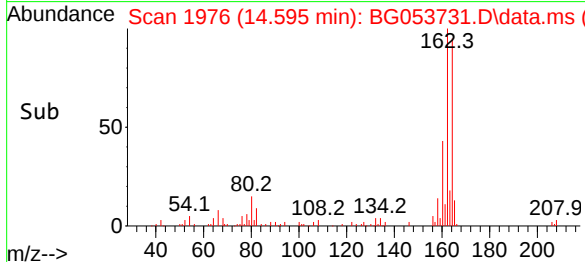
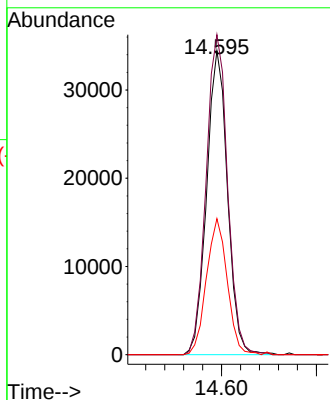
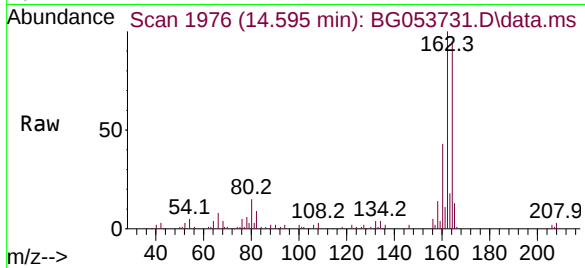




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.595 min Scan# 11
Delta R.T. -0.029 min
Lab File: BG053731.D
Acq: 27 May 2022 13:30

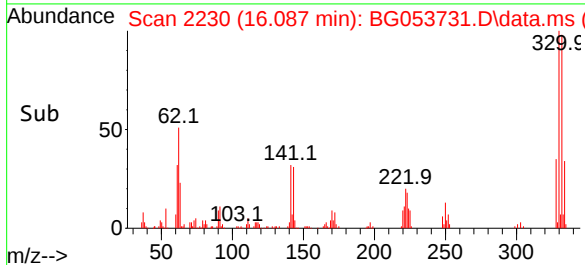
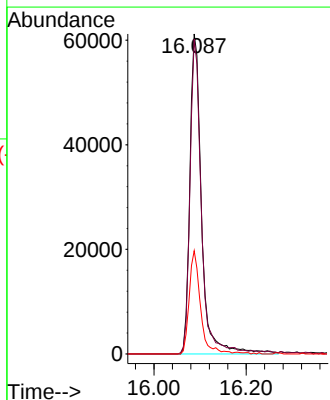
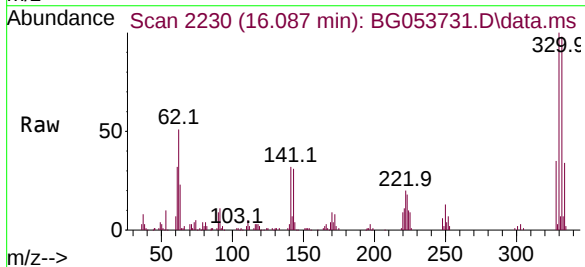
Instrument :
BNA_G
ClientSampleId :
PB144997BL

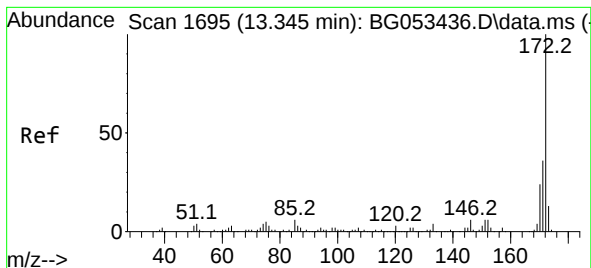
Tgt Ion:164 Resp: 52625
Ion Ratio Lower Upper
164 100
162 105.3 82.3 123.5
160 44.7 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 138.687 ng
RT: 16.087 min Scan# 2230
Delta R.T. -0.029 min
Lab File: BG053731.D
Acq: 27 May 2022 13:30

Tgt Ion:330 Resp: 107643
Ion Ratio Lower Upper
330 100
332 94.8 76.0 114.0
141 30.8 27.1 40.7

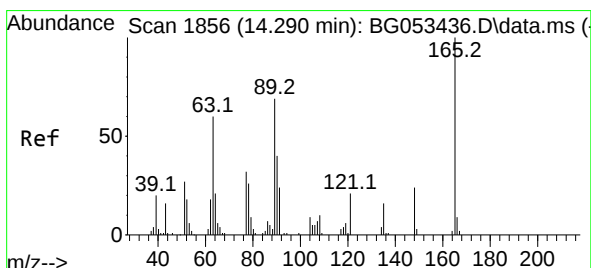
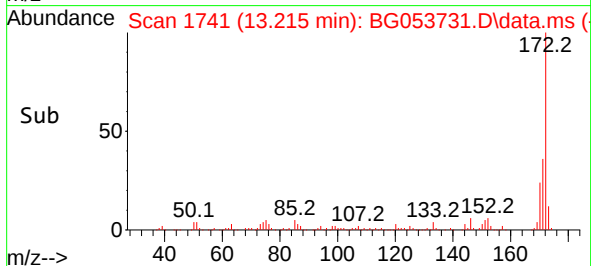
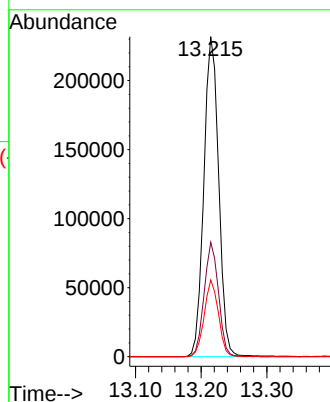
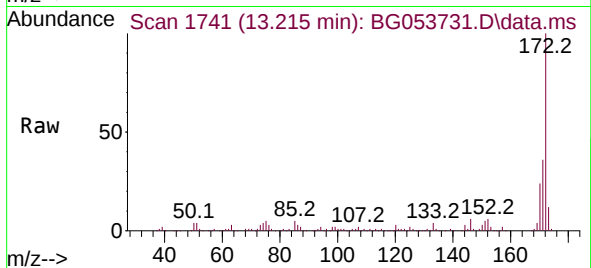




#45
2-Fluorobiphenyl
Concen: 101.661 ng
RT: 13.215 min Scan# 1
Delta R.T. -0.029 min
Lab File: BG053731.D
Acq: 27 May 2022 13:30

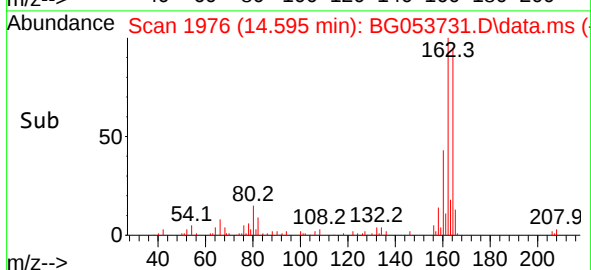
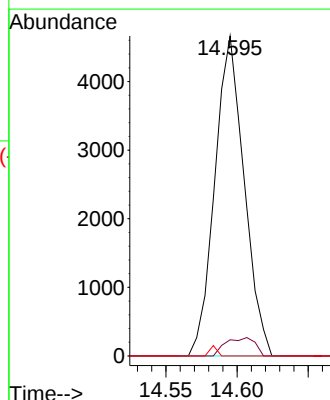
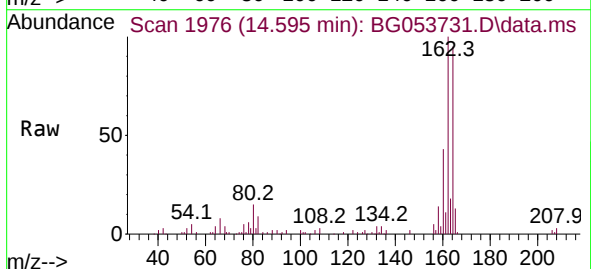
Instrument :
BNA_G
ClientSampleId :
PB144997BL

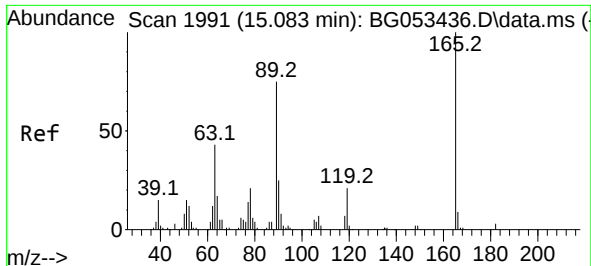
Tgt Ion:172 Resp: 366110
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 24.0 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.206 ng
RT: 14.595 min Scan# 1976
Delta R.T. 0.394 min
Lab File: BG053731.D
Acq: 27 May 2022 13:30

Tgt Ion:165 Resp: 6686
Ion Ratio Lower Upper
165 100
63 5.0 54.1 81.1#
89 0.0 54.8 82.2#

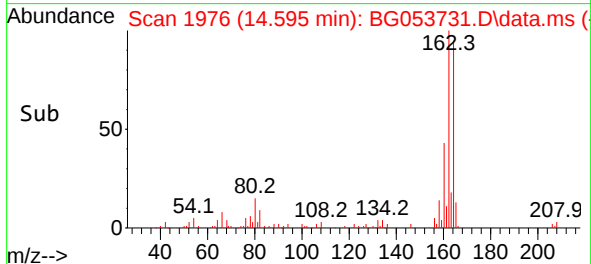
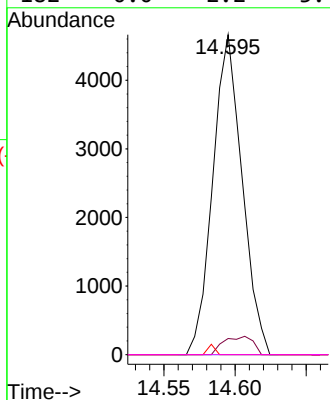
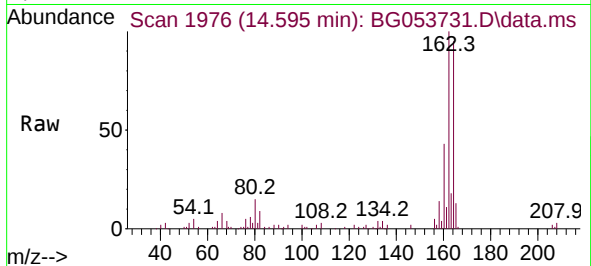




#57
2,4-Dinitrotoluene
Concen: 5.662 ng
RT: 14.595 min Scan# 14
Delta R.T. -0.399 min
Lab File: BG053731.D
Acq: 27 May 2022 13:30

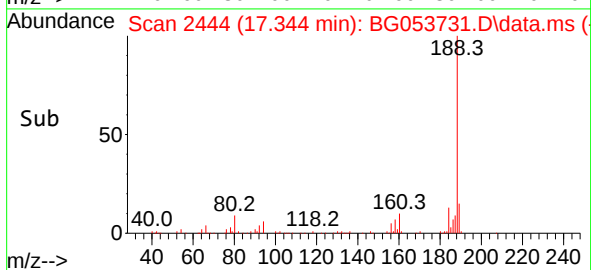
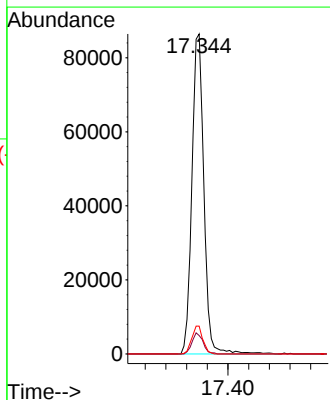
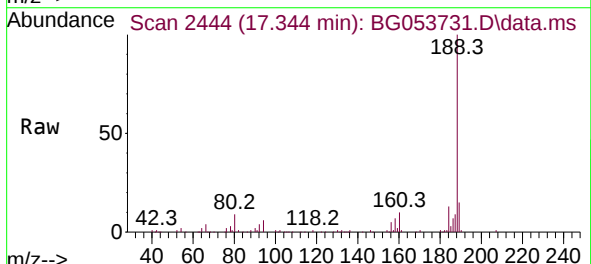
Instrument :
BNA_G
ClientSampleId :
PB144997BL

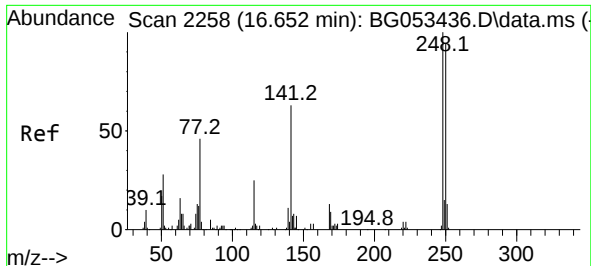
Tgt Ion:165	Resp:	6686
Ion Ratio	Lower	Upper
165	100	
63	5.0	34.6 52.0#
89	0.0	60.3 90.5#
182	0.0	2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.344 min Scan# 2444
Delta R.T. -0.029 min
Lab File: BG053731.D
Acq: 27 May 2022 13:30

Tgt Ion:188	Resp:	138409
Ion Ratio	Lower	Upper
188	100	
94	5.7	5.4 8.0
80	8.7	6.8 10.2





#67
4-Bromophenyl-phenylether
Concen: 3.898 ng
RT: 16.093 min Scan# 21
Delta R.T. -0.458 min
Lab File: BG053731.D
Acq: 27 May 2022 13:30

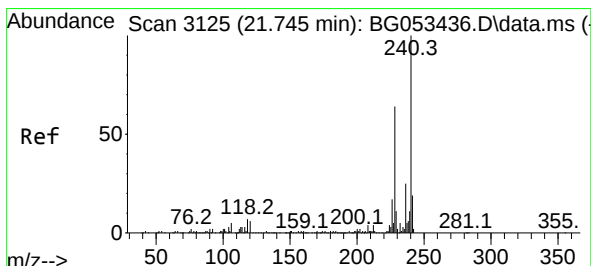
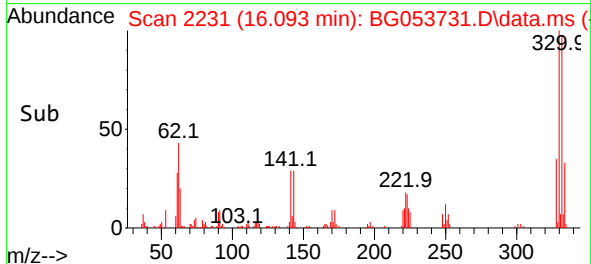
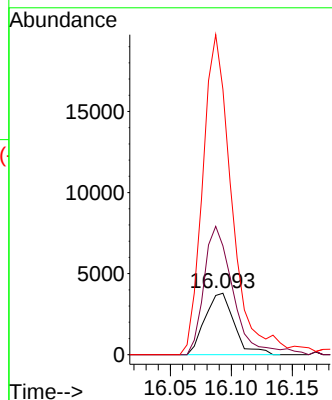
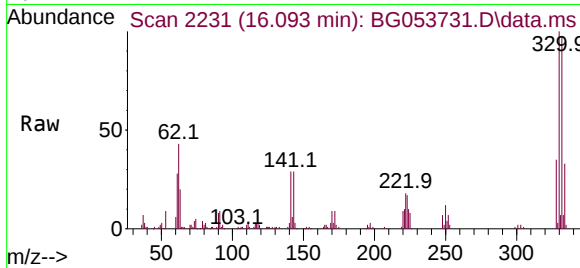
Instrument :

BNA_G

ClientSampleId :

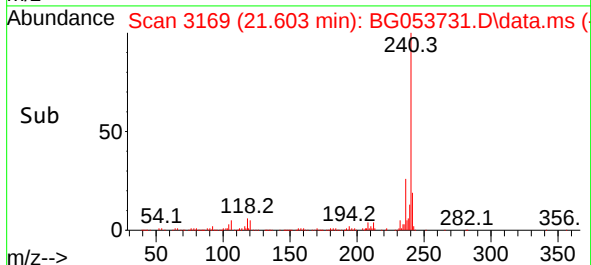
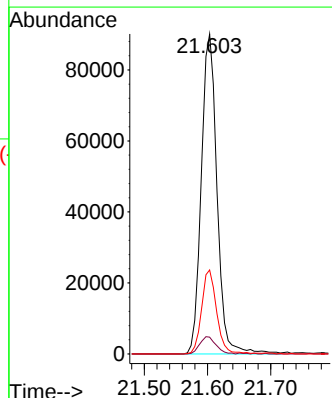
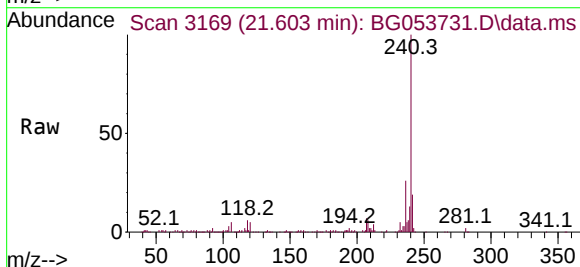
PB144997BL

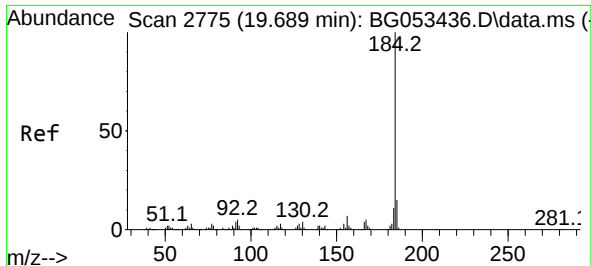
Tgt Ion:248 Resp: 6301
Ion Ratio Lower Upper
248 100
250 177.0 75.2 112.8#
141 431.7 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.603 min Scan# 3169
Delta R.T. -0.035 min
Lab File: BG053731.D
Acq: 27 May 2022 13:30

Tgt Ion:240 Resp: 155565
Ion Ratio Lower Upper
240 100
120 5.3 4.6 7.0
236 26.3 20.2 30.4

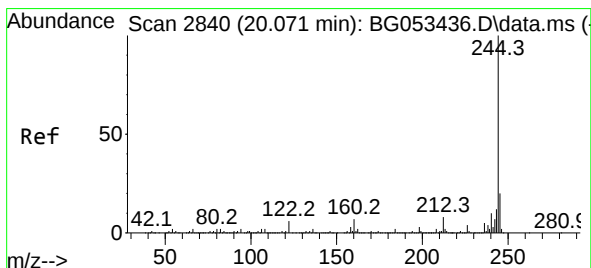
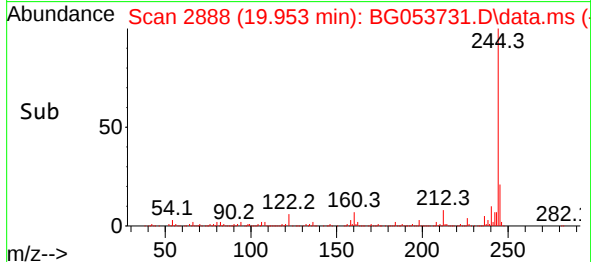
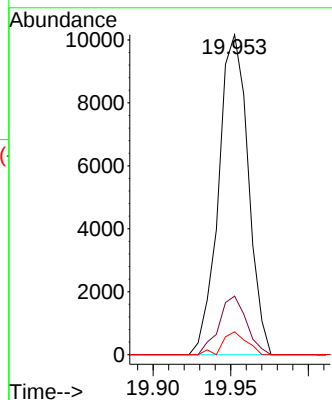
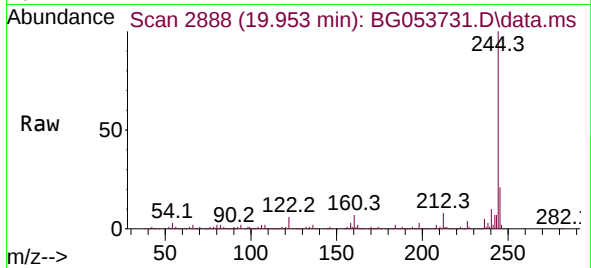




#77
Benzidine
Concen: 4.022 ng
RT: 19.953 min Scan# 21
Delta R.T. 0.353 min
Lab File: BG053731.D
Acq: 27 May 2022 13:30

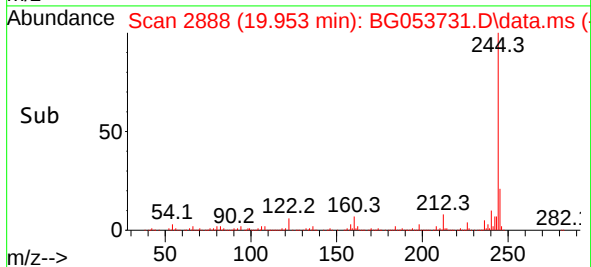
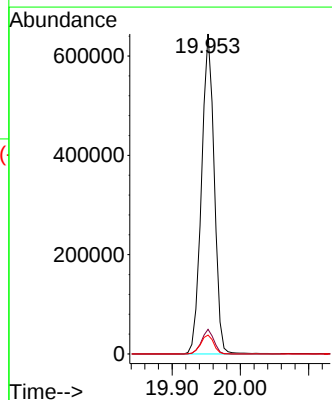
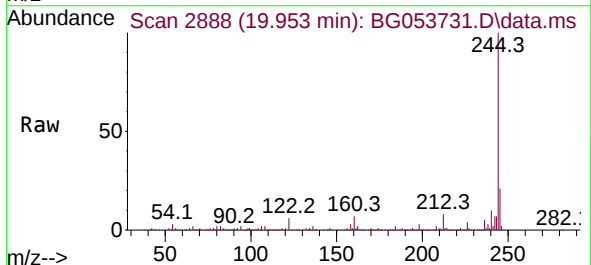
Instrument :
BNA_G
ClientSampleId :
PB144997BL

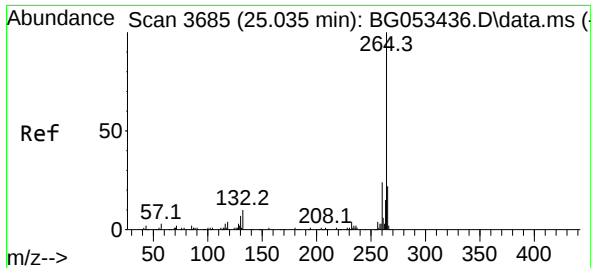
Tgt Ion:184 Resp: 13487
Ion Ratio Lower Upper
184 100
185 18.3 11.8 17.6#
183 7.2 8.9 13.3#



#79
Terphenyl-d14
Concen: 99.909 ng
RT: 19.953 min Scan# 2888
Delta R.T. -0.023 min
Lab File: BG053731.D
Acq: 27 May 2022 13:30

Tgt Ion:244 Resp: 834501
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 5.9 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.781 min Scan# 31
Delta R.T. -0.059 min
Lab File: BG053731.D
Acq: 27 May 2022 13:30

Instrument :
BNA_G
ClientSampleId :
PB144997BL

Tgt Ion:264 Resp: 147419

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.6
265	22.8	17.4	26.2

