

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090722\
 Data File : BG054878.D
 Acq On : 7 Sep 2022 21:23
 Operator : CG/JU
 Sample : N4506-01 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-090222

Quant Time: Sep 08 04:48:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

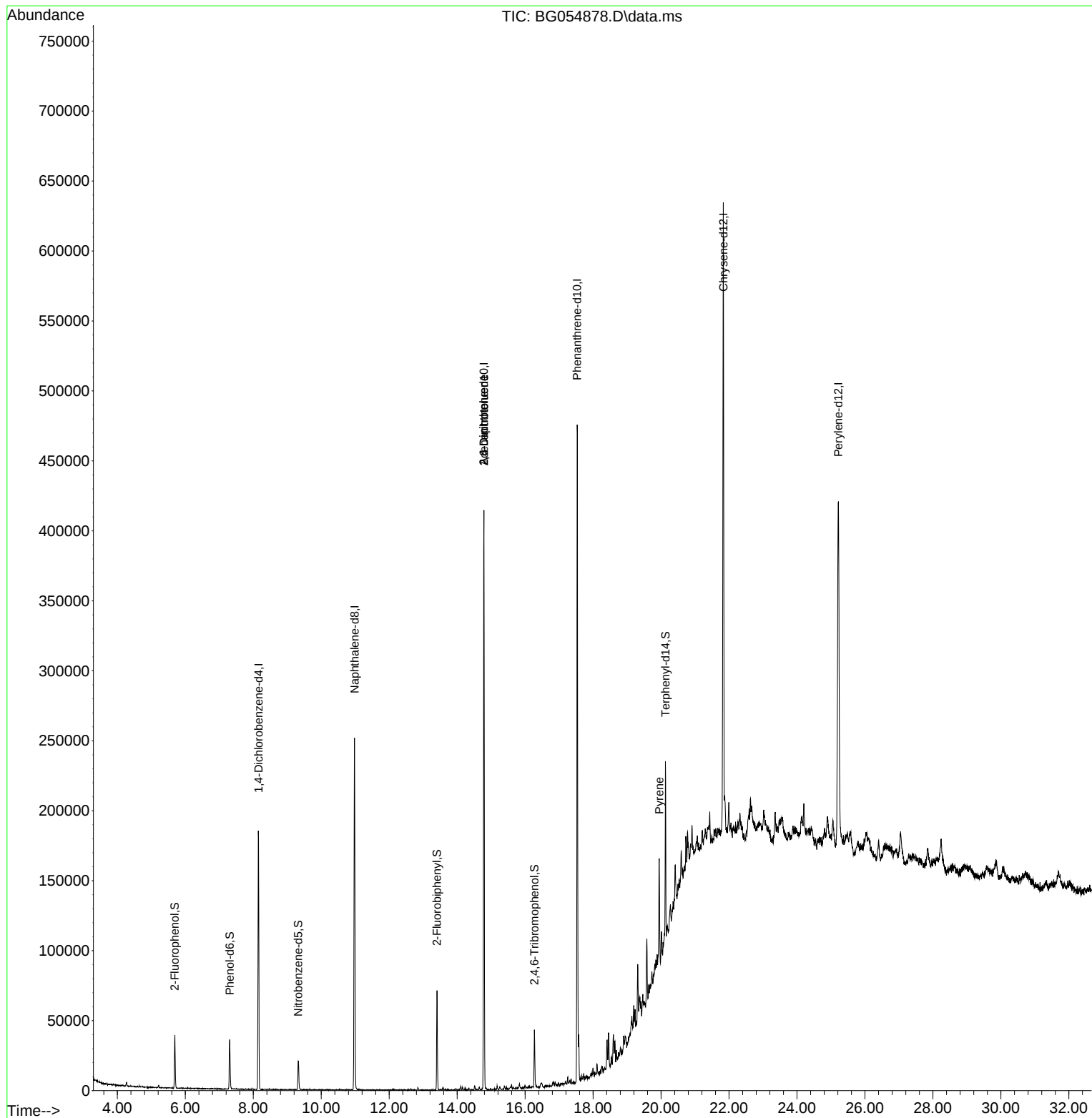
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.153	152	59004	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	238956	20.000	ng	# 0.00
39) Acenaphthene-d10	14.786	164	152507	20.000	ng	0.00
64) Phenanthrene-d10	17.530	188	313663	20.000	ng	0.00
76) Chrysene-d12	21.831	240	287584	20.000	ng	0.00
86) Perylene-d12	25.215	264	306772	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	19428	5.734	ng	0.00
7) Phenol-d6	7.307	99	26228	5.660	ng	0.01
23) Nitrobenzene-d5	9.322	82	15108	3.319	ng	0.00
42) 2,4,6-Tribromophenol	16.273	330	9707	5.094	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	41761	4.116	ng	0.00
79) Terphenyl-d14	20.127	244	64666	4.455	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.786	165	20682	8.606	ng	# 20
57) 2,4-Dinitrotoluene	14.786	165	20682	6.222	ng	# 18
78) Pyrene	19.945	202	43771	2.183	ng	99

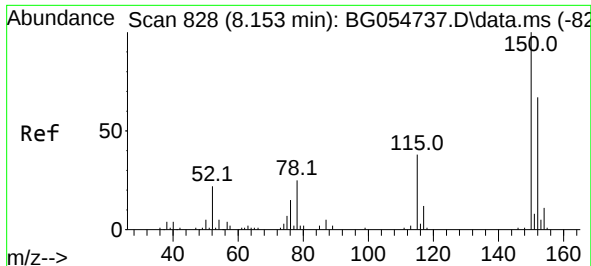
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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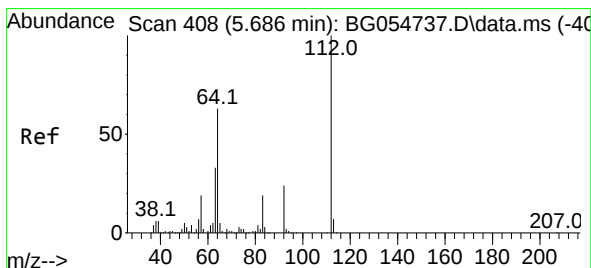
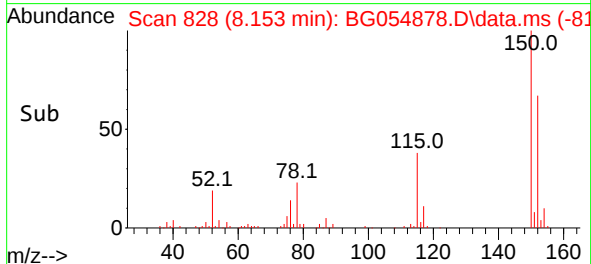
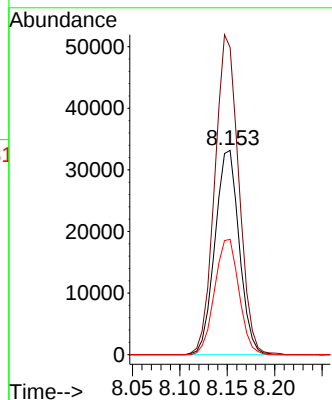
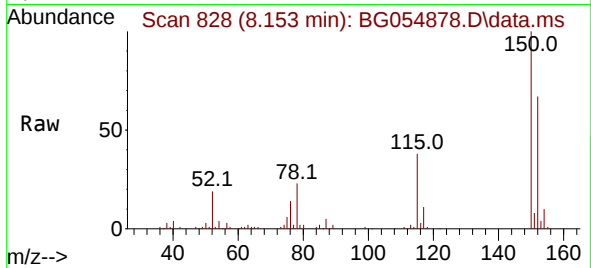




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.153 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG054878.D
Acq: 7 Sep 2022 21:23

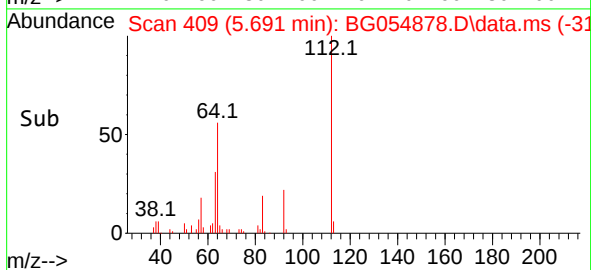
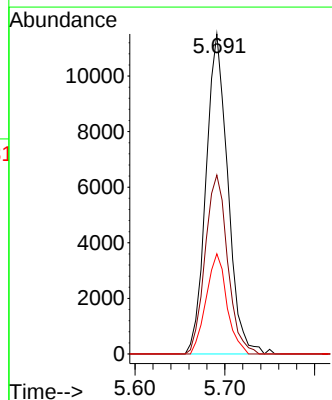
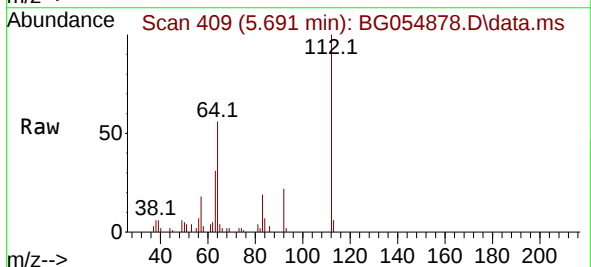
Instrument :
BNA_G
ClientSampleId :
OK-03-090222

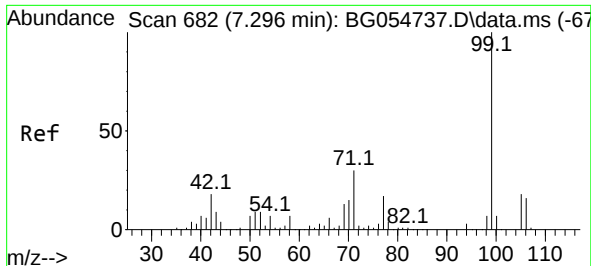
Tgt Ion:152 Resp: 59004
Ion Ratio Lower Upper
152 100
150 150.3 125.2 187.8
115 56.5 47.9 71.9



#5
2-Fluorophenol
Concen: 5.734 ng
RT: 5.691 min Scan# 409
Delta R.T. 0.005 min
Lab File: BG054878.D
Acq: 7 Sep 2022 21:23

Tgt Ion:112 Resp: 19428
Ion Ratio Lower Upper
112 100
64 55.9 49.3 73.9
63 31.3 26.3 39.5

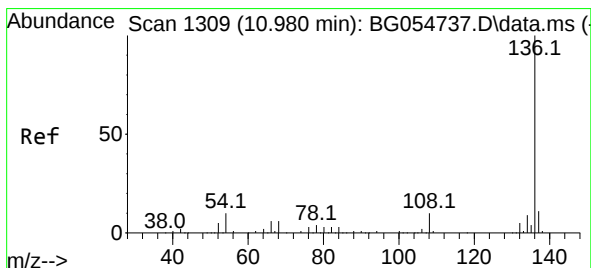
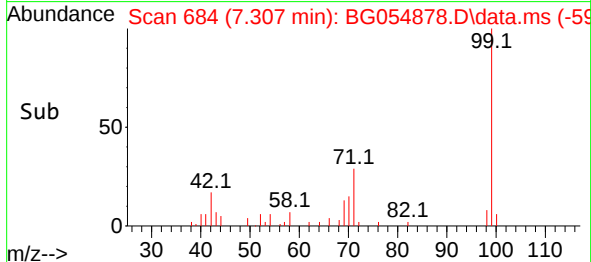
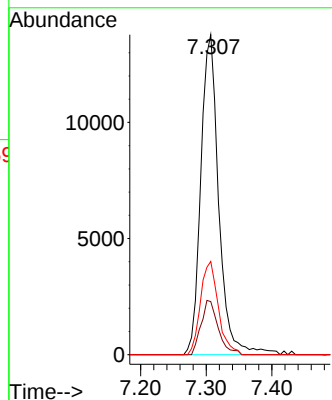
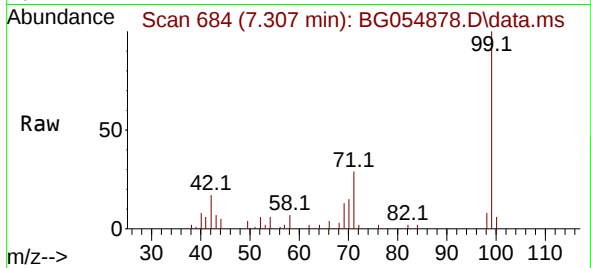




#7
Phenol-d6
Concen: 5.660 ng
RT: 7.307 min Scan# 61
Delta R.T. 0.011 min
Lab File: BG054878.D
Acq: 7 Sep 2022 21:23

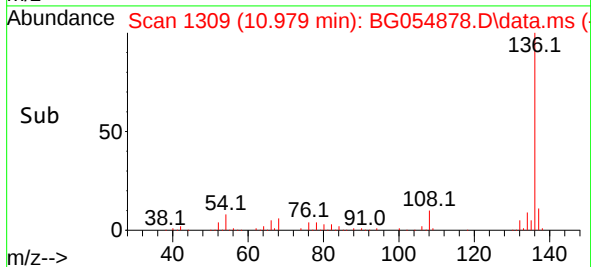
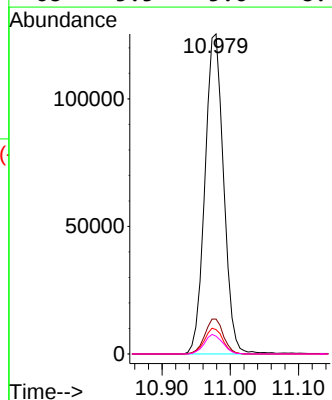
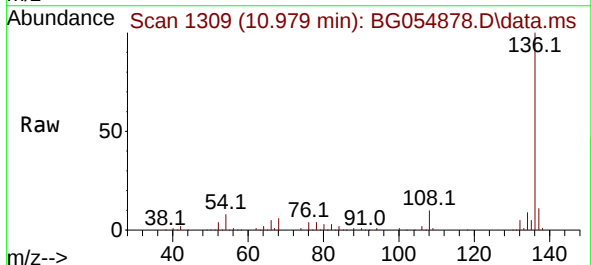
Instrument :
BNA_G
ClientSampleId :
OK-03-090222

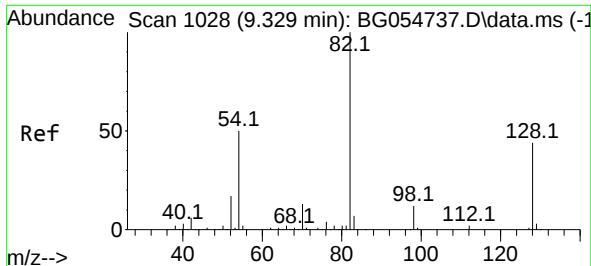
Tgt Ion: 99 Resp: 26228
Ion Ratio Lower Upper
99 100
42 16.6 14.6 22.0
71 29.2 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1309
Delta R.T. -0.001 min
Lab File: BG054878.D
Acq: 7 Sep 2022 21:23

Tgt Ion: 136 Resp: 238956
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 7.6 7.7 11.5#
68 5.5 5.6 8.4#

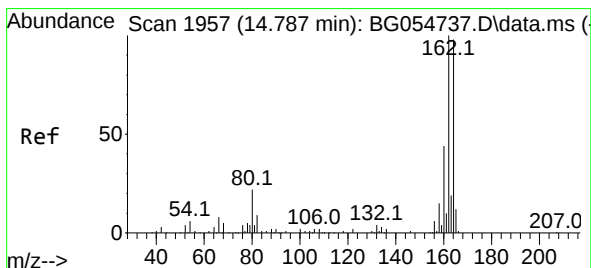
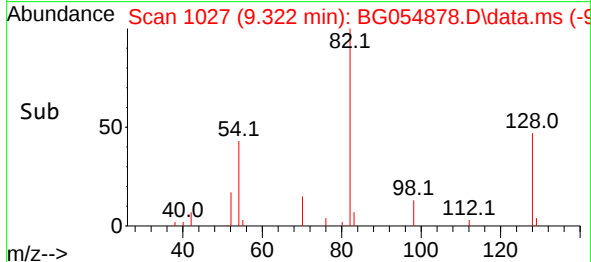
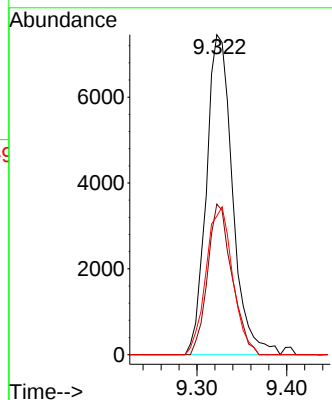
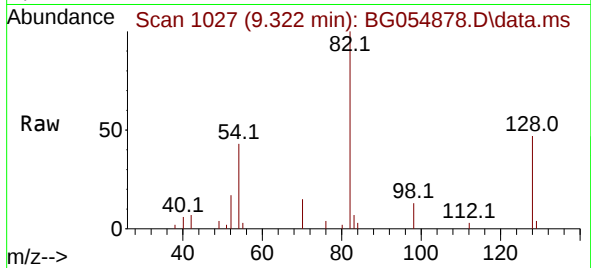




#23
Nitrobenzene-d5
Concen: 3.319 ng
RT: 9.322 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BG054878.D
Acq: 7 Sep 2022 21:23

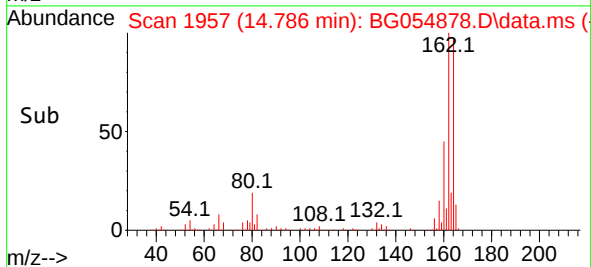
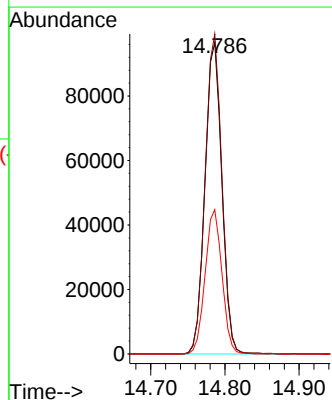
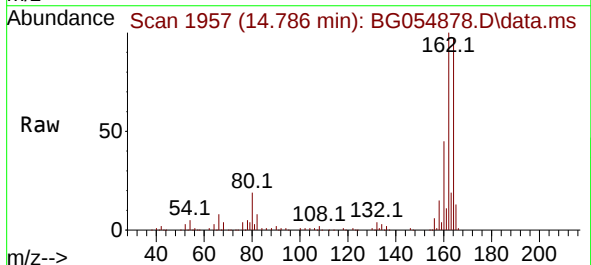
Instrument :
BNA_G
ClientSampleId :
OK-03-090222

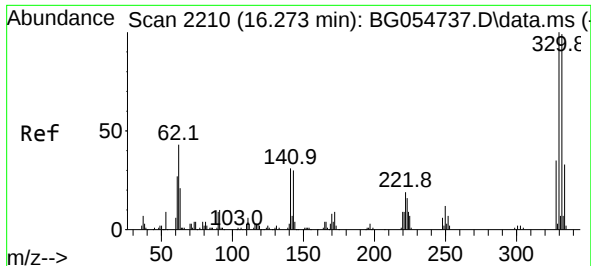
Tgt Ion: 82 Resp: 15108
Ion Ratio Lower Upper
82 100
128 47.0 32.2 48.2
54 43.3 41.4 62.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.786 min Scan# 1957
Delta R.T. -0.001 min
Lab File: BG054878.D
Acq: 7 Sep 2022 21:23

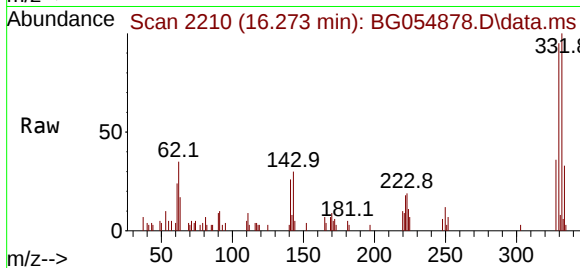
Tgt Ion:164 Resp: 152507
Ion Ratio Lower Upper
164 100
162 102.7 83.0 124.4
160 46.4 38.0 57.0



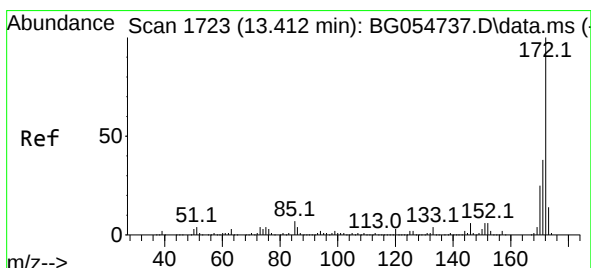
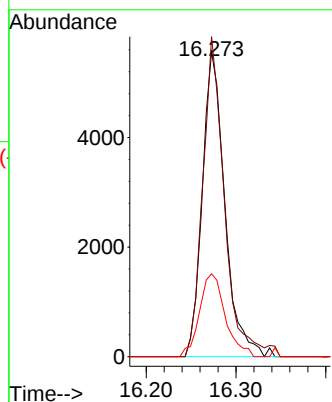
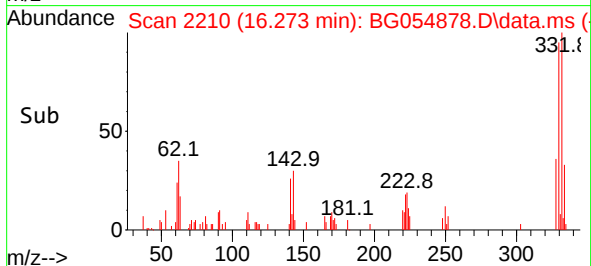


#42
2,4,6-Tribromophenol
Concen: 5.094 ng
RT: 16.273 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG054878.D
Acq: 7 Sep 2022 21:23

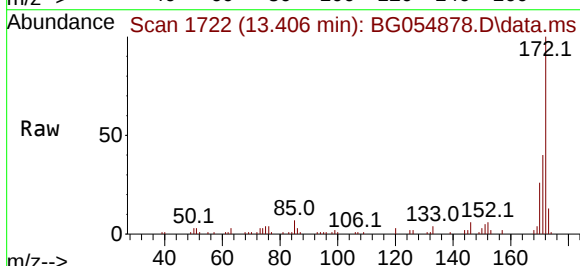
Instrument :
BNA_G
ClientSampleId :
OK-03-090222



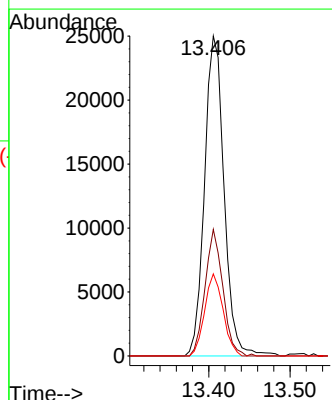
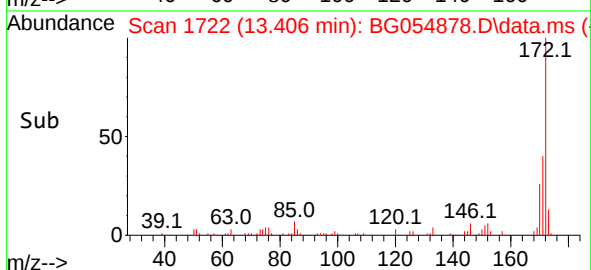
Tgt Ion:330 Resp: 9707
Ion Ratio Lower Upper
330 100
332 100.9 79.8 119.6
141 31.0 26.8 40.2

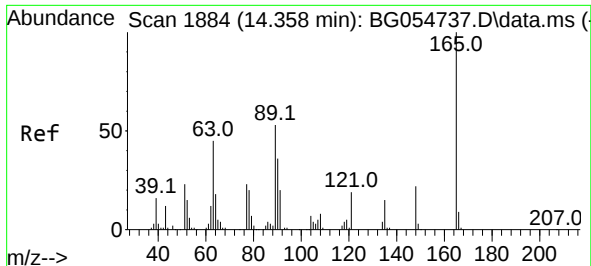


#45
2-Fluorobiphenyl
Concen: 4.116 ng
RT: 13.406 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BG054878.D
Acq: 7 Sep 2022 21:23



Tgt Ion:172 Resp: 41761
Ion Ratio Lower Upper
172 100
171 39.6 31.2 46.8
170 25.6 20.6 30.8

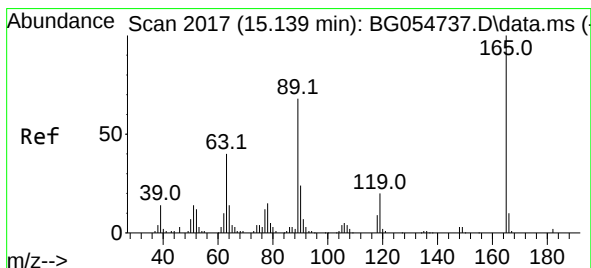
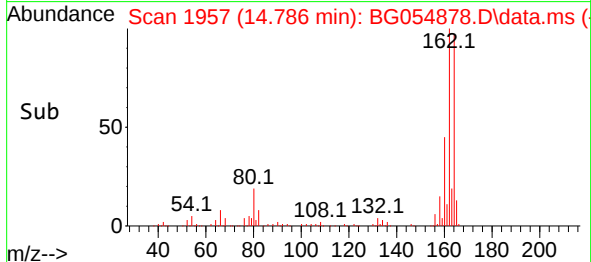
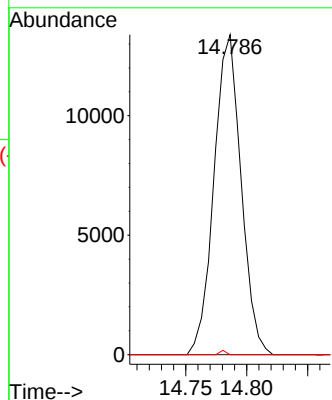
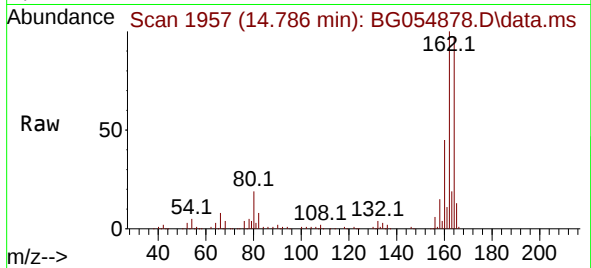




#51
2,6-Dinitrotoluene
Concen: 8.606 ng
RT: 14.786 min Scan# 1957
Delta R.T. 0.428 min
Lab File: BG054878.D
Acq: 7 Sep 2022 21:23

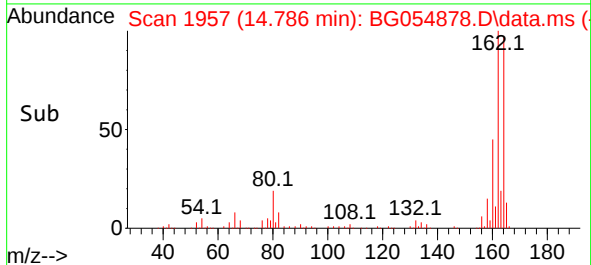
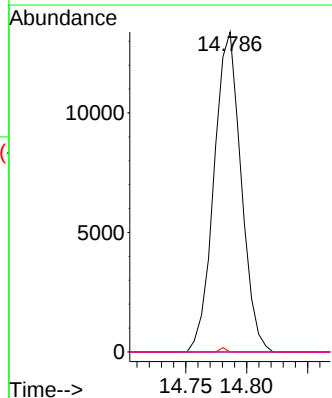
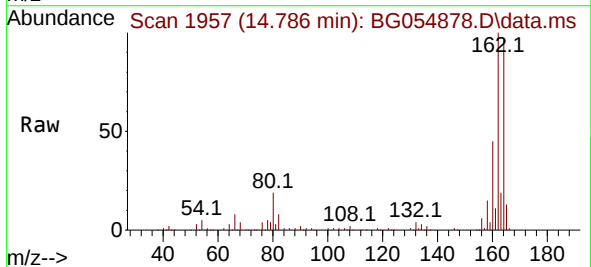
Instrument :
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OK-03-090222

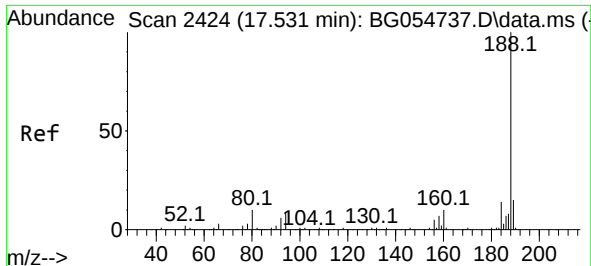
Tgt Ion:165 Resp: 20682
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#



#57
2,4-Dinitrotoluene
Concen: 6.222 ng
RT: 14.786 min Scan# 1957
Delta R.T. -0.353 min
Lab File: BG054878.D
Acq: 7 Sep 2022 21:23

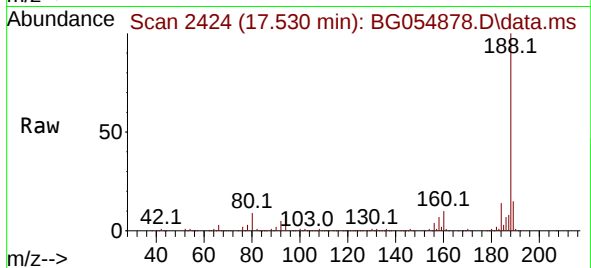
Tgt Ion:165 Resp: 20682
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#



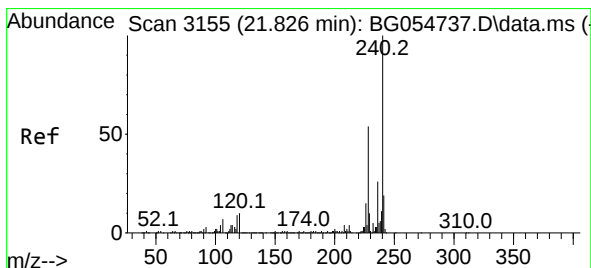
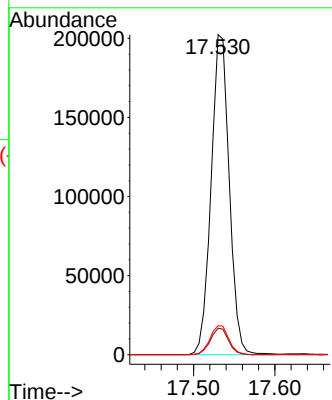
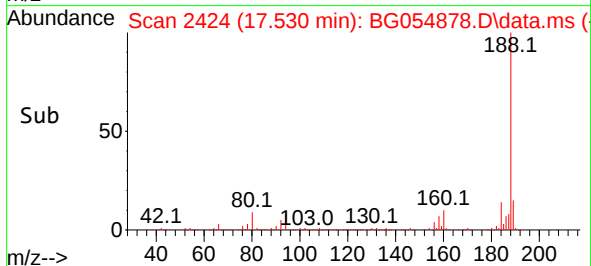


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.530 min Scan# 2424
Delta R.T. -0.001 min
Lab File: BG054878.D
Acq: 7 Sep 2022 21:23

Instrument :
BNA_G
ClientSampleId :
OK-03-090222

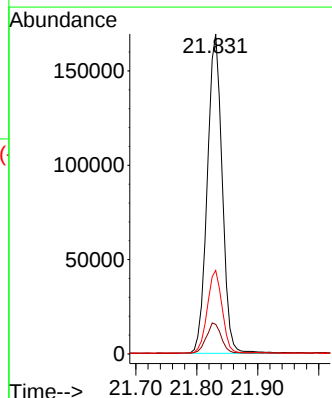
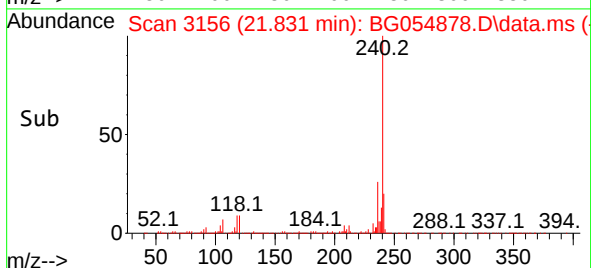
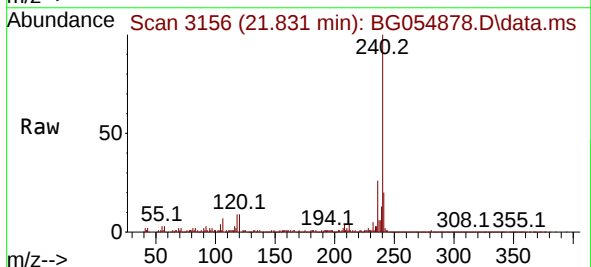


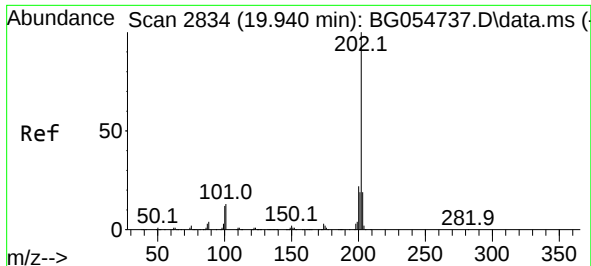
Tgt Ion:188 Resp: 313663
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 9.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.831 min Scan# 3156
Delta R.T. 0.005 min
Lab File: BG054878.D
Acq: 7 Sep 2022 21:23

Tgt Ion:240 Resp: 287584
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.4
236 26.1 21.2 31.8

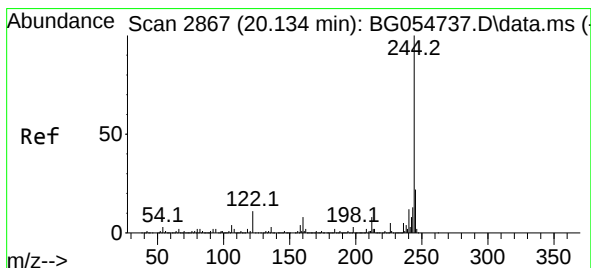
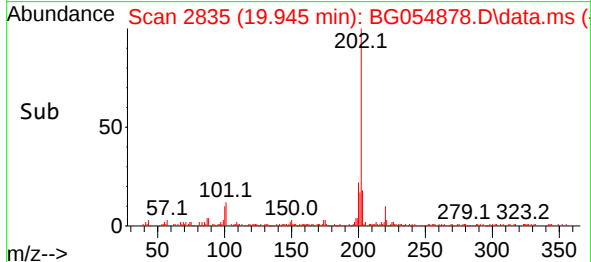
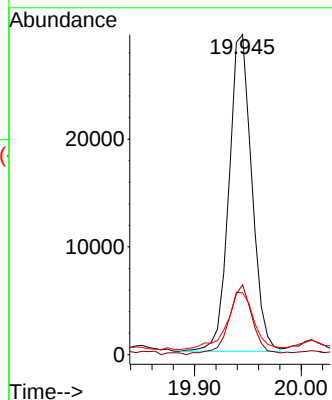
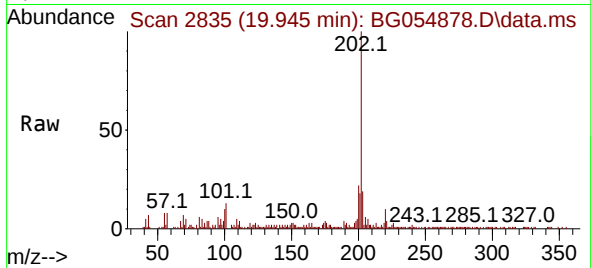




#78
 Pyrene
 Concen: 2.183 ng
 RT: 19.945 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG054878.D
 Acq: 7 Sep 2022 21:23

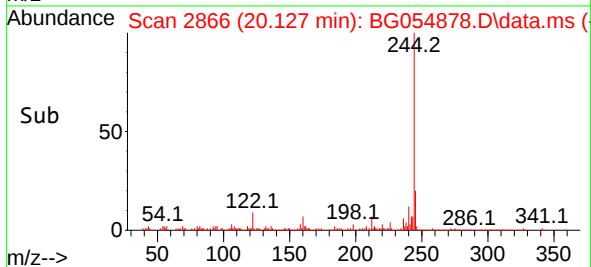
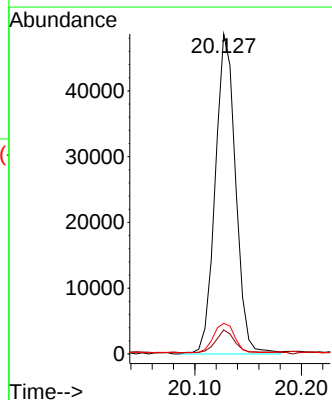
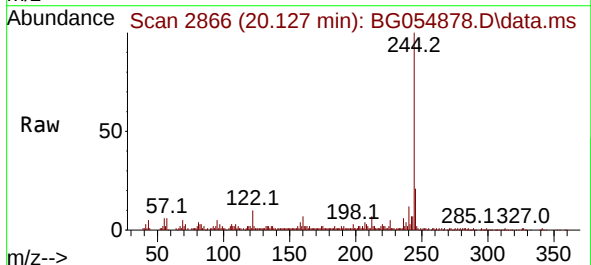
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-090222

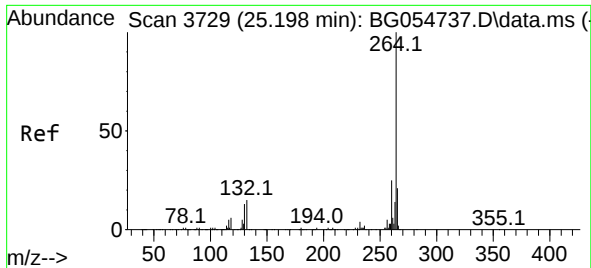
Tgt Ion:202 Resp: 43771
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.8 26.6
 203 19.3 14.6 21.8



#79
 Terphenyl-d14
 Concen: 4.455 ng
 RT: 20.127 min Scan# 2866
 Delta R.T. -0.006 min
 Lab File: BG054878.D
 Acq: 7 Sep 2022 21:23

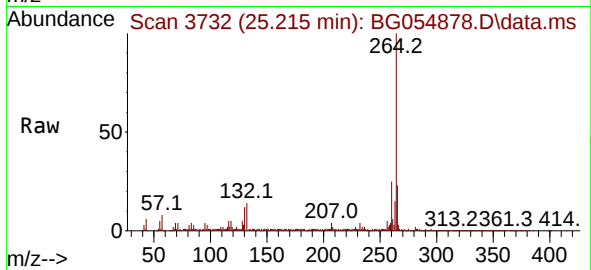
Tgt Ion:244 Resp: 64666
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.6 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.215 min Scan# 31
 Delta R.T. 0.017 min
 Lab File: BG054878.D
 Acq: 7 Sep 2022 21:23

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-090222



Tgt Ion:264 Resp: 306772
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.9 29.9
 265 22.6 16.9 25.3

