

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
 Data File : BG054346.D
 Acq On : 21 Jul 2022 15:37
 Operator : CG/JU
 Sample : N3786-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0718-WC-TP-WC3EB

Quant Time: Jul 22 02:36:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

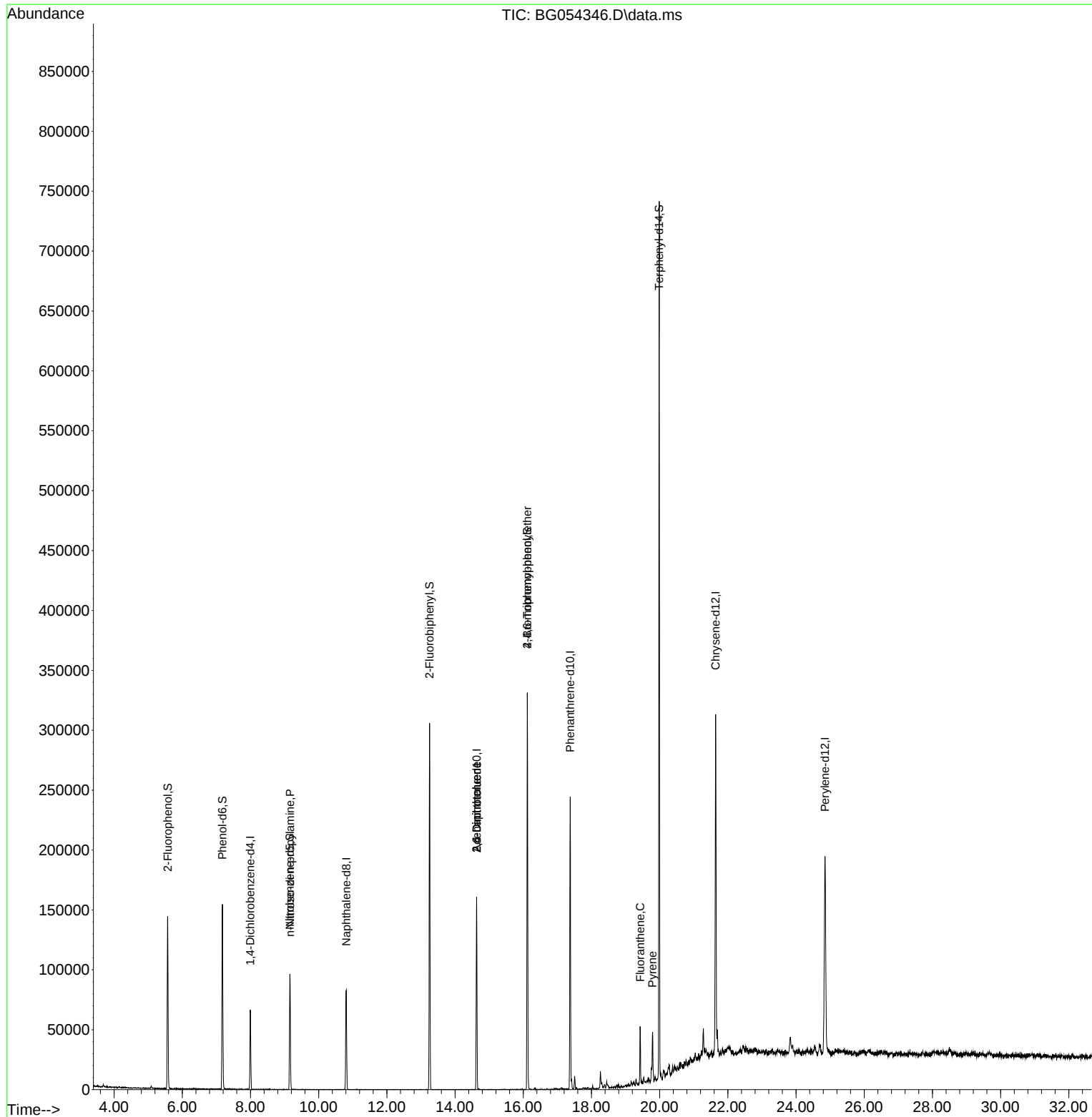
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.994	152	20274	20.000	ng	0.00
21) Naphthalene-d8	10.808	136	79028	20.000	ng	# 0.00
39) Acenaphthene-d10	14.633	164	63574	20.000	ng	0.00
64) Phenanthrene-d10	17.377	188	173263	20.000	ng	# 0.00
76) Chrysene-d12	21.643	240	190370	20.000	ng	# 0.00
86) Perylene-d12	24.851	264	200908	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.573	112	66173	68.147	ng	0.00
7) Phenol-d6	7.177	99	89301	67.116	ng	0.00
23) Nitrobenzene-d5	9.157	82	59597	41.067	ng	0.00
42) 2,4,6-Tribromophenol	16.120	330	86788	65.019	ng	0.00
45) 2-Fluorobiphenyl	13.253	172	173852	38.577	ng	0.00
79) Terphenyl-d14	19.986	244	408933	42.614	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.163	70	8658	9.744	ng	# 72
51) 2,6-Dinitrotoluene	14.633	165	8518	7.821	ng	# 16
57) 2,4-Dinitrotoluene	14.633	165	8518	5.455	ng	# 21
67) 4-Bromophenyl-phenylether	16.120	248	5375	2.209	ng	# 1
75) Fluoranthene	19.428	202	32565	2.769	ng	98
78) Pyrene	19.792	202	31232	2.859	ng	96

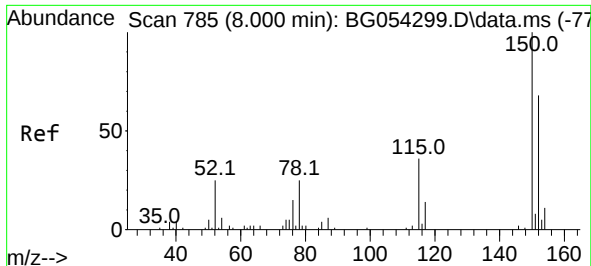
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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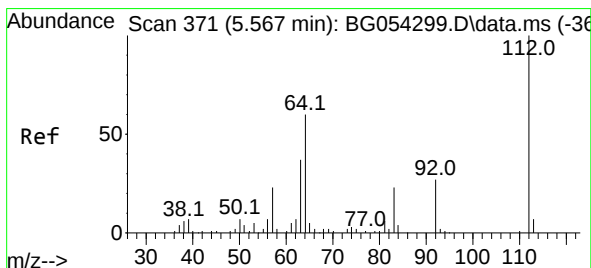
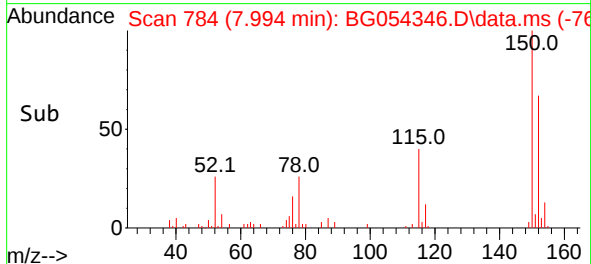
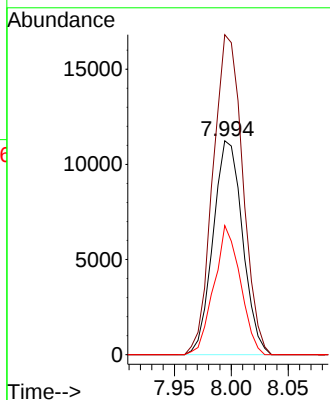
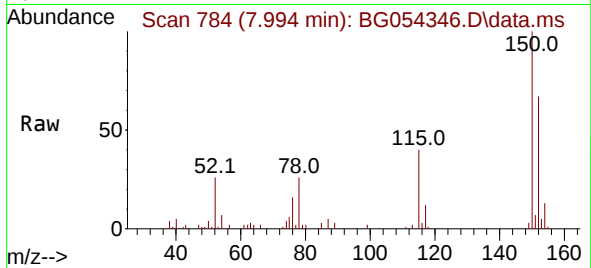




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.994 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG054346.D
Acq: 21 Jul 2022 15:37

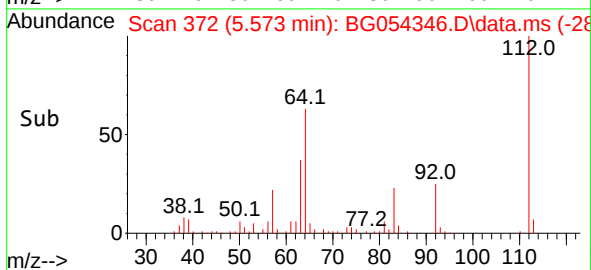
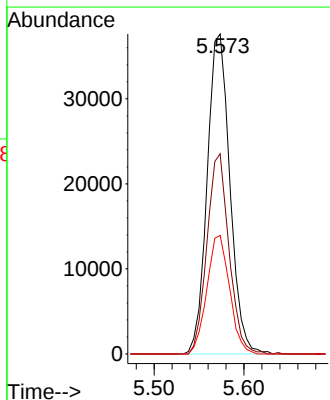
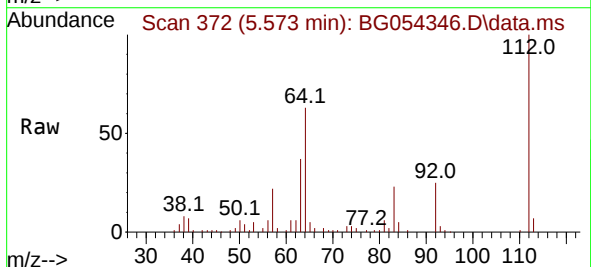
Instrument :
BNA_G
ClientSampleId :
0718-WC-TP-WC3EB

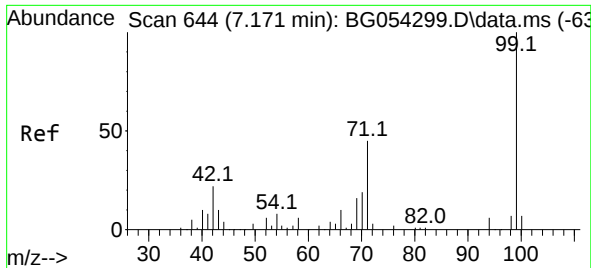
Tgt Ion:152 Resp: 20274
Ion Ratio Lower Upper
152 100
150 149.5 131.6 197.4
115 60.4 50.9 76.3



#5
2-Fluorophenol
Concen: 68.147 ng
RT: 5.573 min Scan# 372
Delta R.T. 0.006 min
Lab File: BG054346.D
Acq: 21 Jul 2022 15:37

Tgt Ion:112 Resp: 66173
Ion Ratio Lower Upper
112 100
64 62.6 55.1 82.7
63 37.0 30.4 45.6

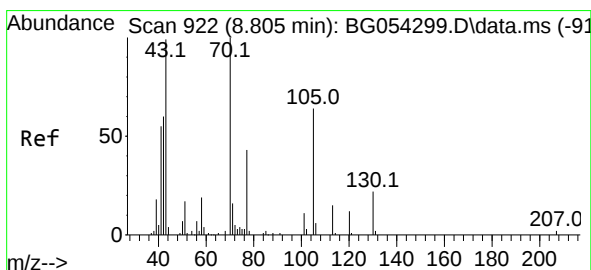
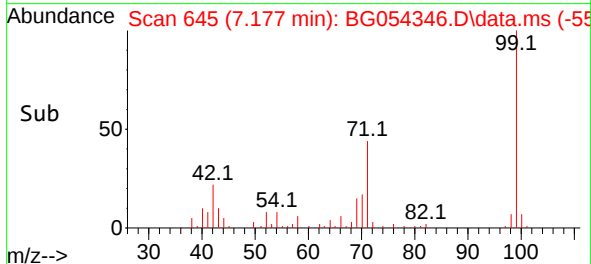
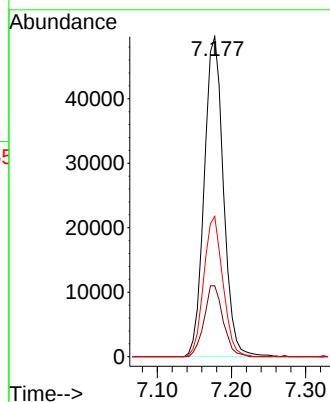
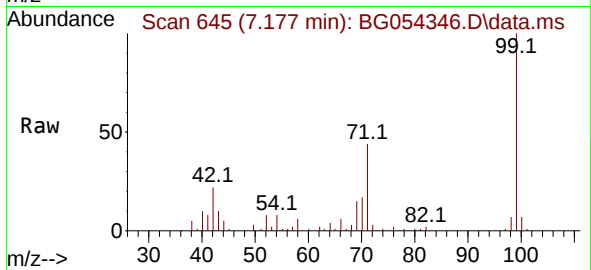




#7
Phenol-d6
Concen: 67.116 ng
RT: 7.177 min Scan# 64
Delta R.T. 0.006 min
Lab File: BG054346.D
Acq: 21 Jul 2022 15:37

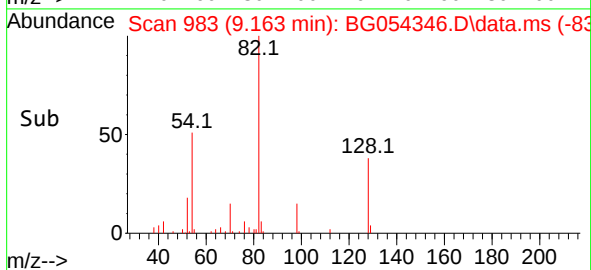
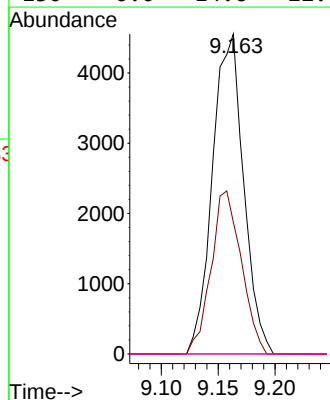
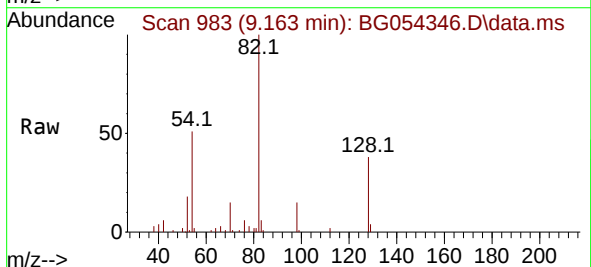
Instrument :
BNA_G
ClientSampleId :
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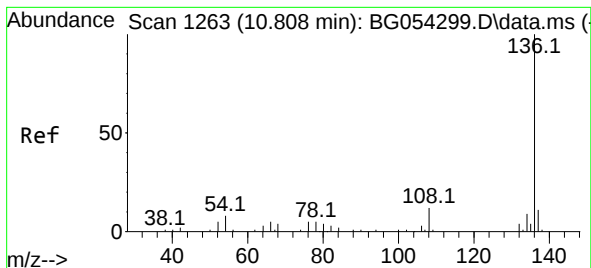
Tgt Ion: 99 Resp: 89301
Ion Ratio Lower Upper
99 100
42 22.2 17.0 25.6
71 43.9 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 9.744 ng
RT: 9.163 min Scan# 983
Delta R.T. 0.359 min
Lab File: BG054346.D
Acq: 21 Jul 2022 15:37

Tgt Ion: 70 Resp: 8658
Ion Ratio Lower Upper
70 100
42 41.2 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

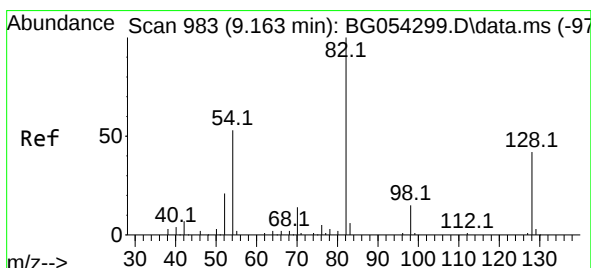
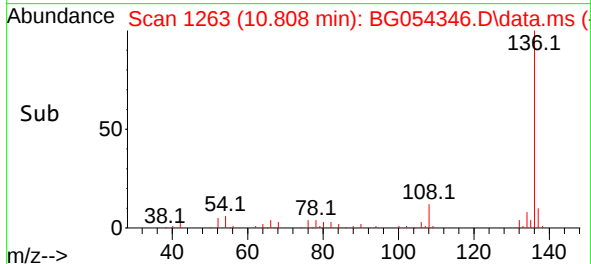
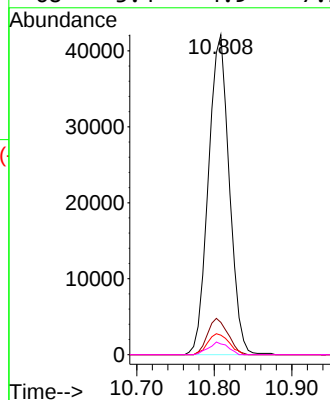
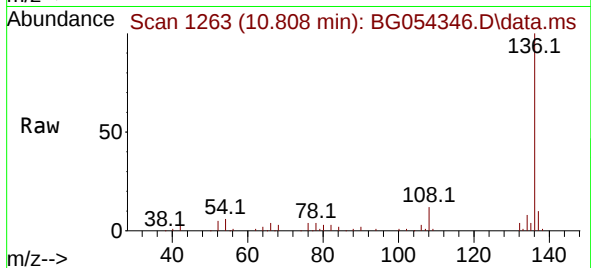




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.808 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG054346.D
Acq: 21 Jul 2022 15:37

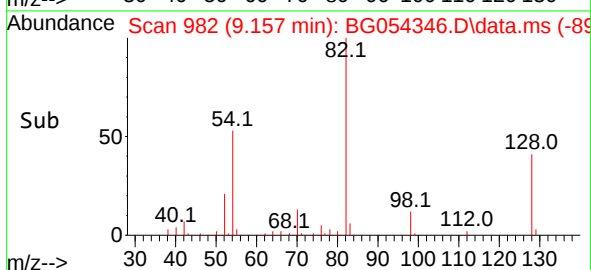
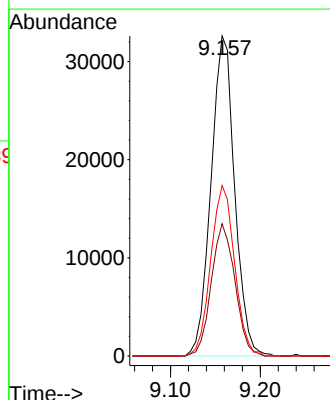
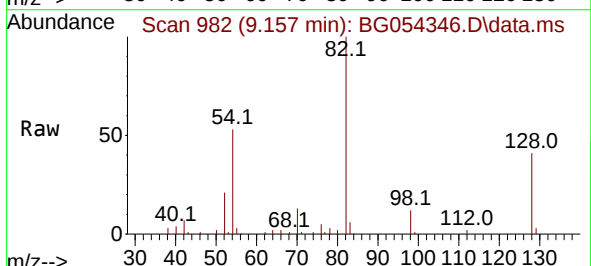
Instrument :
BNA_G
ClientSampleId :
0718-WC-TP-WC3EB

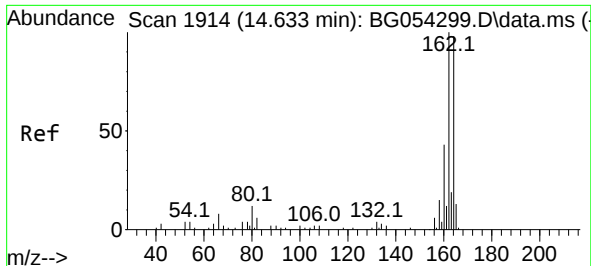
Tgt Ion:	136	Resp:	79028
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.5	12.7
54	6.1	7.4	11.2#
68	3.4	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 41.067 ng
RT: 9.157 min Scan# 982
Delta R.T. -0.006 min
Lab File: BG054346.D
Acq: 21 Jul 2022 15:37

Tgt Ion:	82	Resp:	59597
Ion	Ratio	Lower	Upper
82	100		
128	41.3	27.9	41.9
54	53.3	41.2	61.8

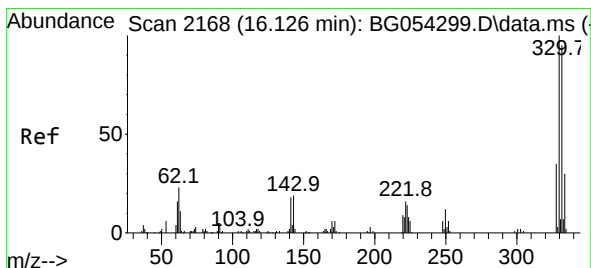
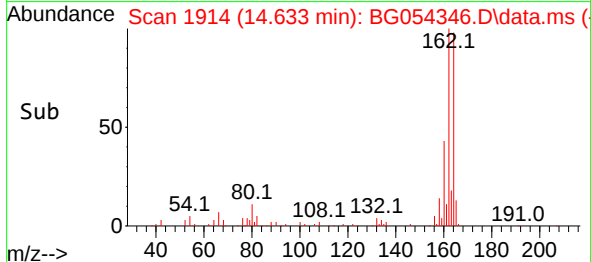
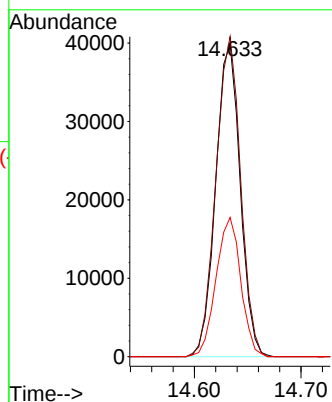
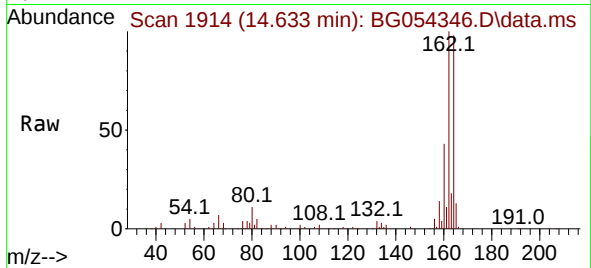




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BG054346.D
Acq: 21 Jul 2022 15:37

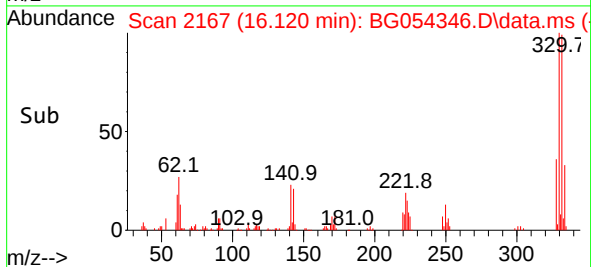
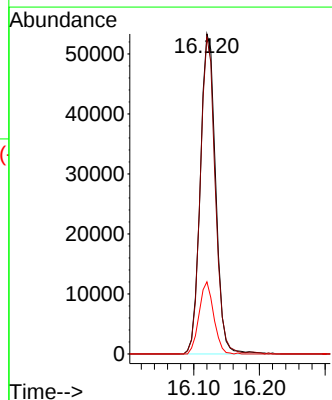
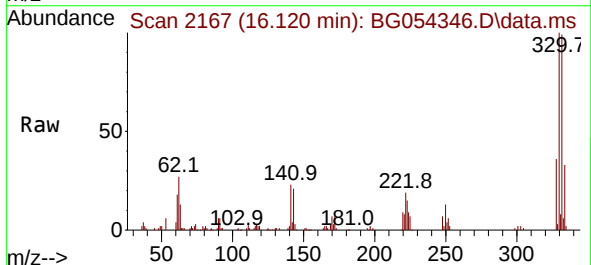
Instrument :
BNA_G
ClientSampleId :
0718-WC-TP-WC3EB

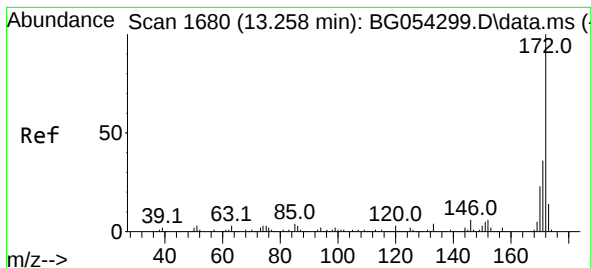
Tgt Ion:	164	Resp:	63574
Ion Ratio	Lower	Upper	
164	100		
162	102.3	82.3	123.5
160	44.5	34.2	51.2



#42
2,4,6-Tribromophenol
Concen: 65.019 ng
RT: 16.120 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BG054346.D
Acq: 21 Jul 2022 15:37

Tgt Ion:	330	Resp:	86788
Ion Ratio	Lower	Upper	
330	100		
332	96.1	76.0	114.0
141	21.4	27.1	40.7#

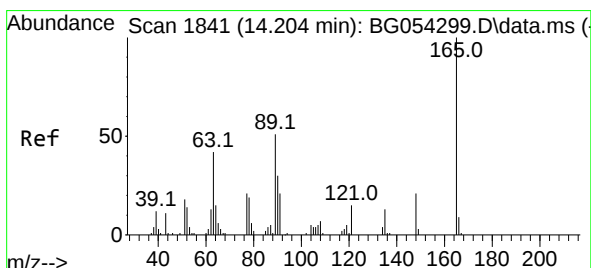
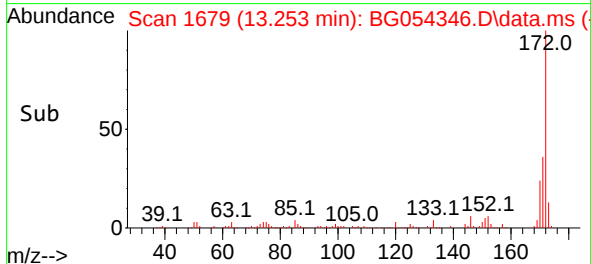
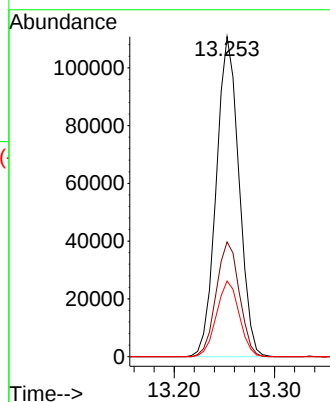
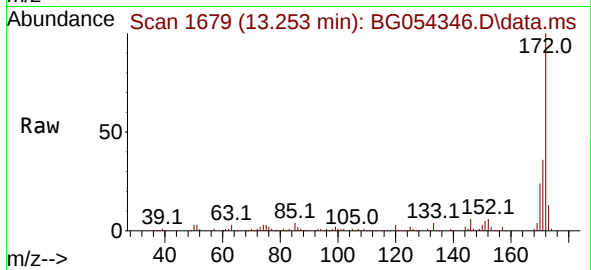




#45
2-Fluorobiphenyl
Concen: 38.577 ng
RT: 13.253 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054346.D
Acq: 21 Jul 2022 15:37

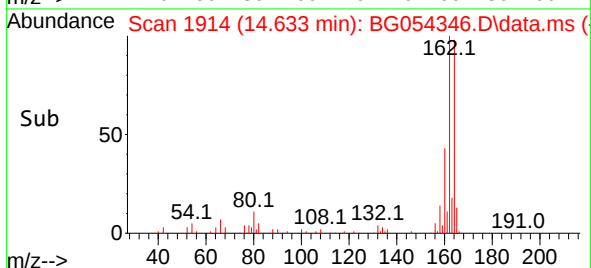
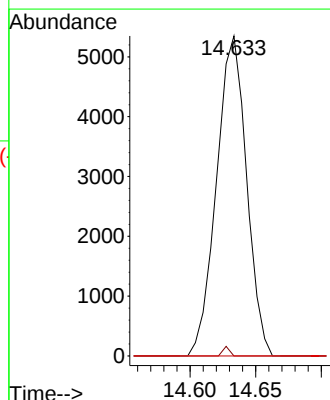
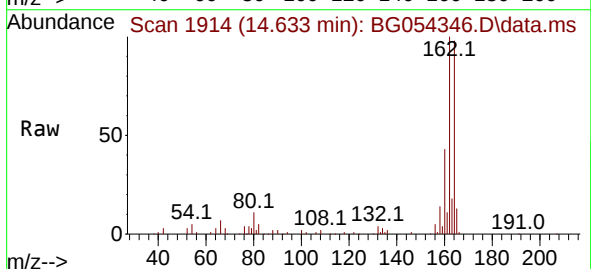
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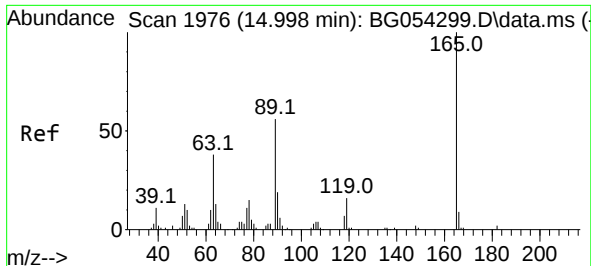
Tgt Ion:172 Resp: 173852
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.7 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 7.821 ng
RT: 14.633 min Scan# 1914
Delta R.T. 0.429 min
Lab File: BG054346.D
Acq: 21 Jul 2022 15:37

Tgt Ion:165 Resp: 8518
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 5.455 ng

RT: 14.633 min Scan# 1976

Delta R.T. -0.364 min

Lab File: BG054346.D

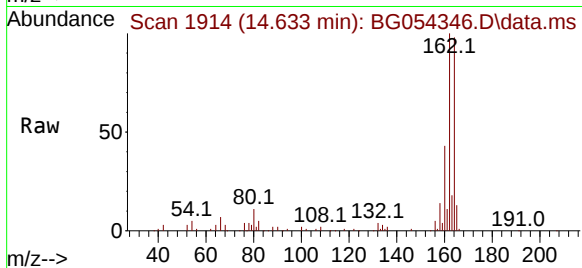
Acq: 21 Jul 2022 15:37

Instrument :

BNA_G

ClientSampleId :

0718-WC-TP-WC3EB



Tgt Ion:165 Resp: 8518

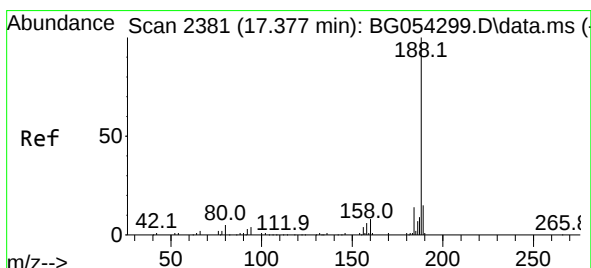
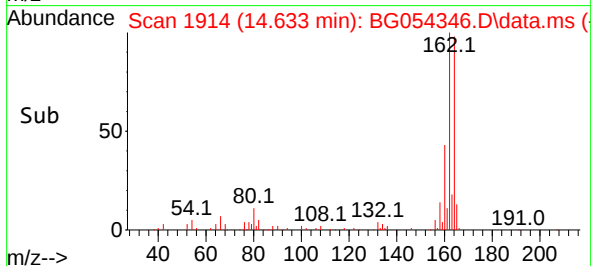
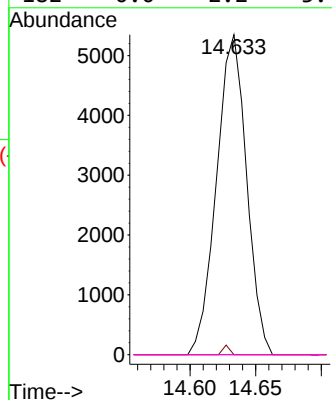
Ion Ratio Lower Upper

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: 17.377 min Scan# 2381

Delta R.T. 0.000 min

Lab File: BG054346.D

Acq: 21 Jul 2022 15:37

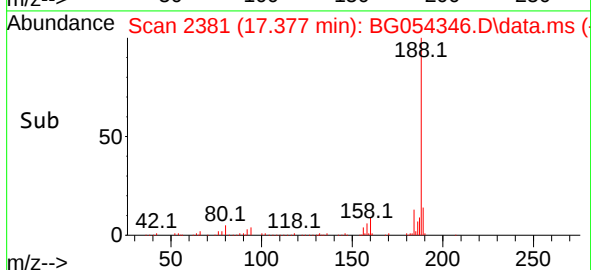
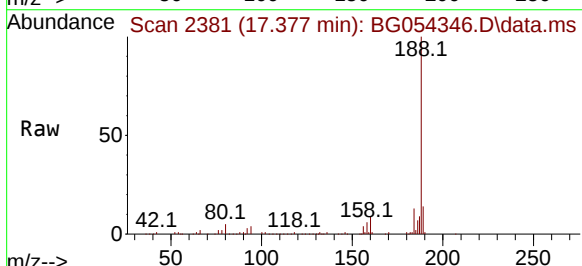
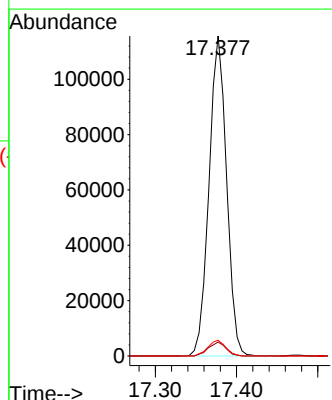
Tgt Ion:188 Resp: 173263

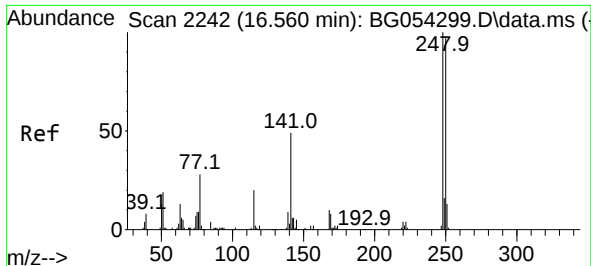
Ion Ratio Lower Upper

188 100

94 4.4 5.4 8.0#

80 4.9 6.8 10.2#

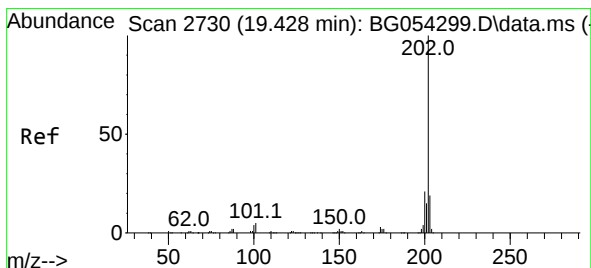
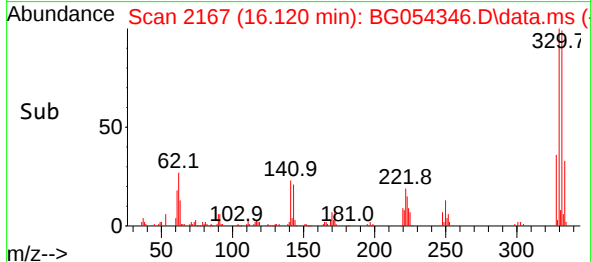
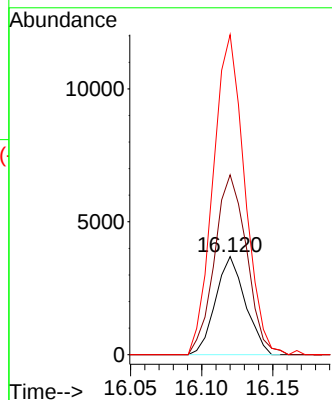
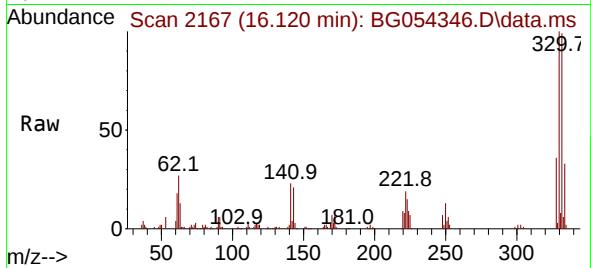




#67
4-Bromophenyl-phenylether
Concen: 2.209 ng
RT: 16.120 min Scan# 2167
Delta R.T. -0.440 min
Lab File: BG054346.D
Acq: 21 Jul 2022 15:37

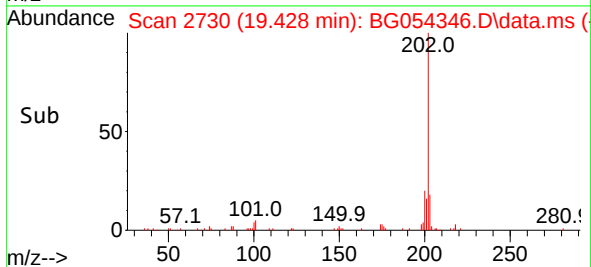
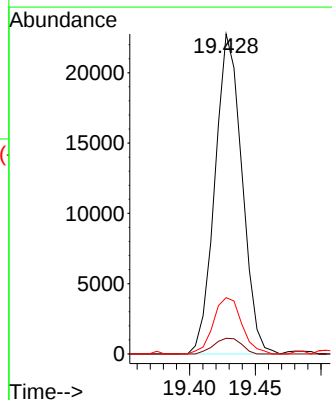
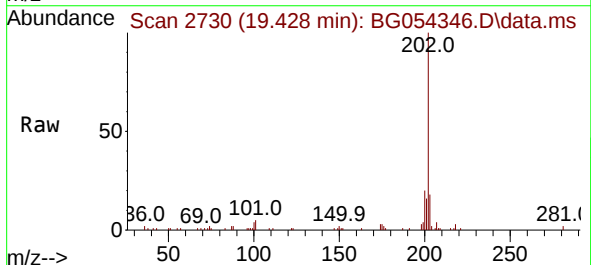
Instrument :
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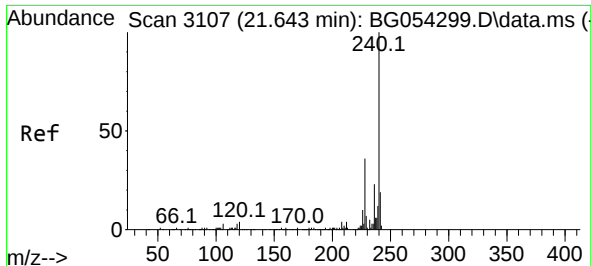
Tgt Ion:248 Resp: 5375
Ion Ratio Lower Upper
248 100
250 146.9 75.2 112.8#
141 261.3 50.0 75.0#



#75
Fluoranthene
Concen: 2.769 ng
RT: 19.428 min Scan# 2730
Delta R.T. 0.000 min
Lab File: BG054346.D
Acq: 21 Jul 2022 15:37

Tgt Ion:202 Resp: 32565
Ion Ratio Lower Upper
202 100
101 4.9 0.0 26.9
203 17.6 0.0 37.2

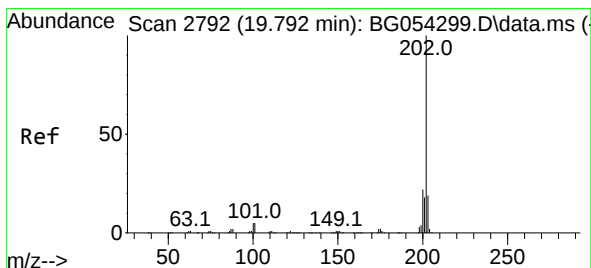
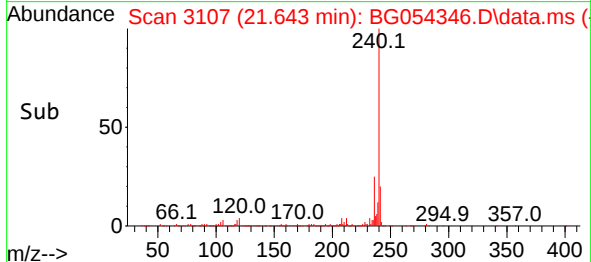
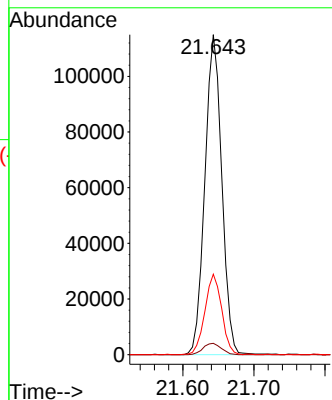
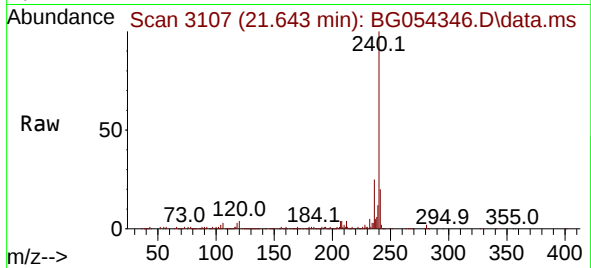




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.643 min Scan# 3107
Delta R.T. -0.000 min
Lab File: BG054346.D
Acq: 21 Jul 2022 15:37

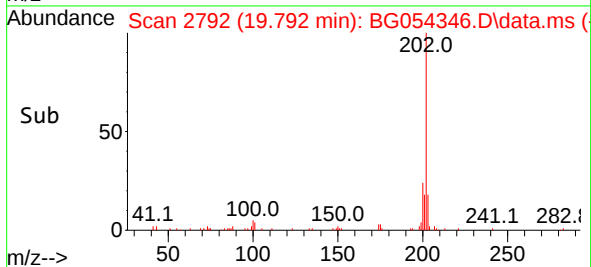
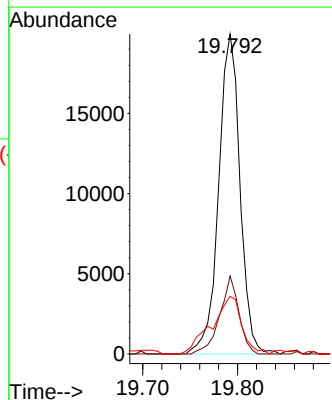
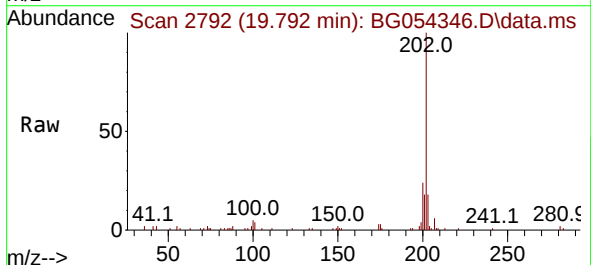
Instrument :
BNA_G
ClientSampleId :
0718-WC-TP-WC3EB

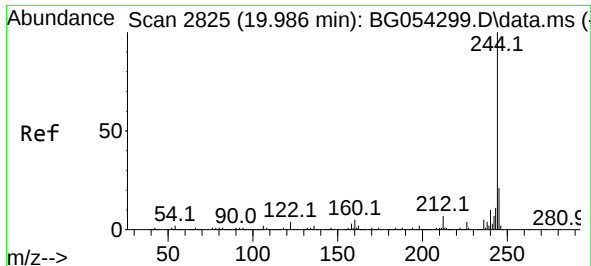
Tgt Ion:240 Resp: 190370
Ion Ratio Lower Upper
240 100
120 3.6 4.6 7.0#
236 25.2 20.2 30.4



#78
Pyrene
Concen: 2.859 ng
RT: 19.792 min Scan# 2792
Delta R.T. 0.000 min
Lab File: BG054346.D
Acq: 21 Jul 2022 15:37

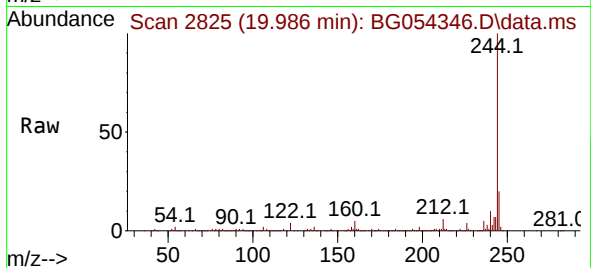
Tgt Ion:202 Resp: 31232
Ion Ratio Lower Upper
202 100
200 24.4 16.6 24.8
203 18.0 14.6 21.8



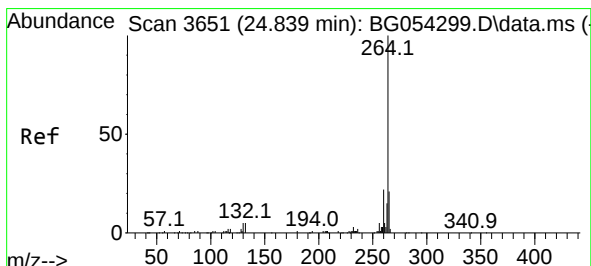
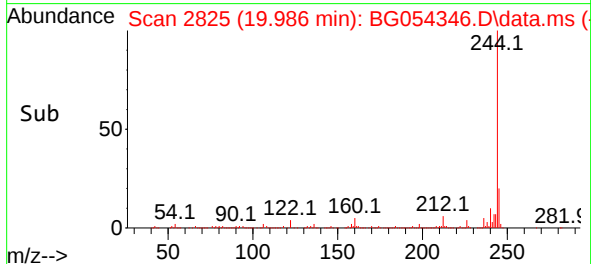
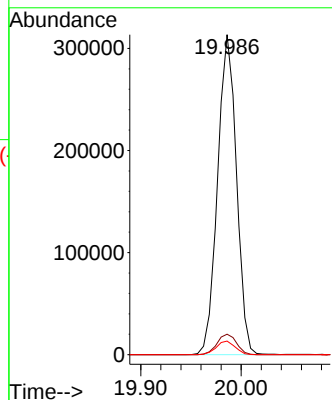


#79
 Terphenyl-d14
 Concen: 42.614 ng
 RT: 19.986 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG054346.D
 Acq: 21 Jul 2022 15:37

Instrument :
 BNA_G
 ClientSampleId :
 0718-WC-TP-WC3EB



Tgt Ion:244 Resp: 408933
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.5 9.7#
 122 4.3 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.851 min Scan# 3653
 Delta R.T. 0.012 min
 Lab File: BG054346.D
 Acq: 21 Jul 2022 15:37

Tgt Ion:264 Resp: 200908
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.6
 265 22.0 17.4 26.2

