

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)

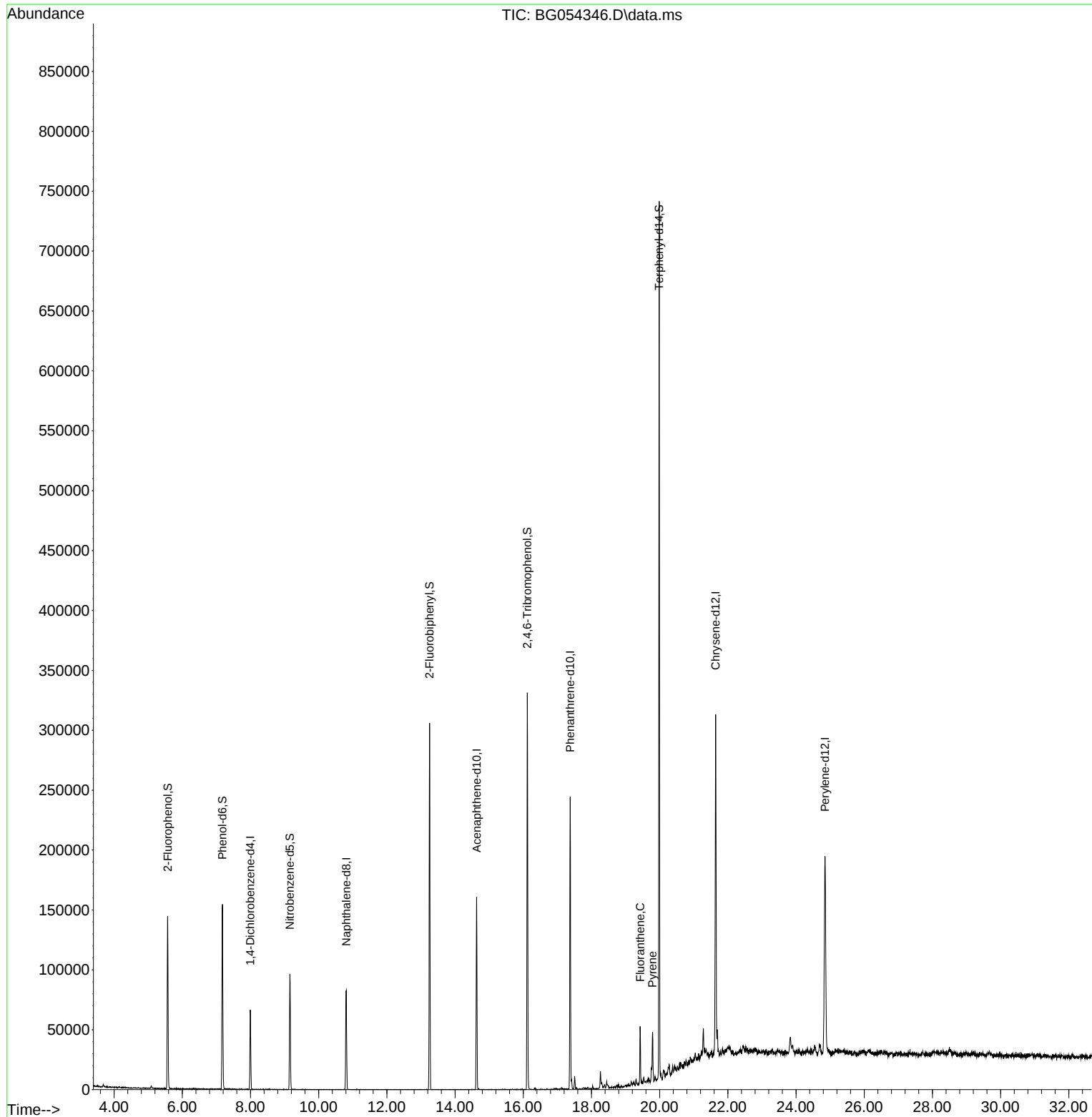
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.994	152	20274	20.000	ng	0.00
21) Naphthalene-d8	10.808	136	79028	20.000	ng	# 0.00
39) Acenaphthene-d10	14.633	164	63574	20.000	ng	0.00
64) Phenanthrene-d10	17.377	188	173263	20.000	ng	# 0.00
76) Chrysene-d12	21.643	240	190370	20.000	ng	# 0.00
86) Perylene-d12	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						
75) Fluoranthene	19.428	202	32565	2.769	ng	98
78) Pyrene	19.792	202	31232	2.859	ng	96

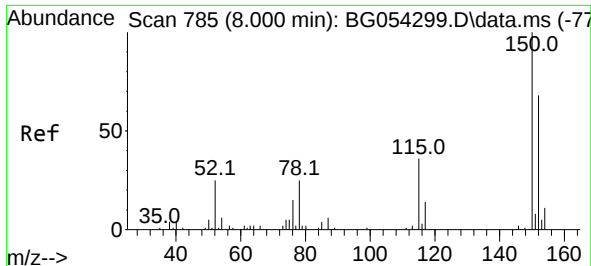
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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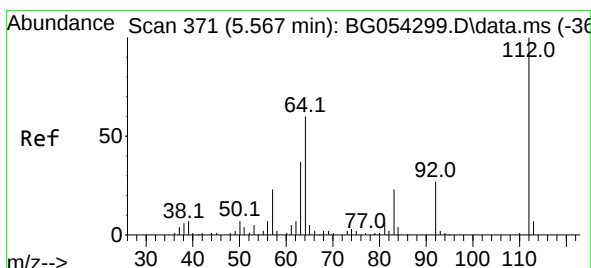
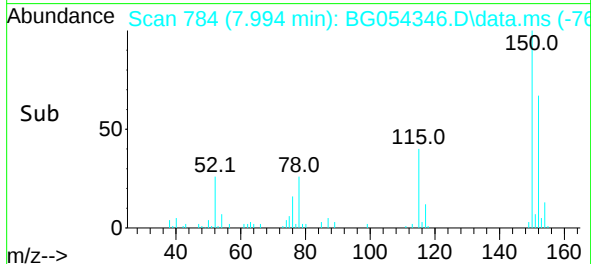
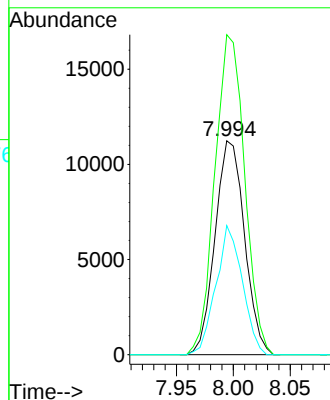
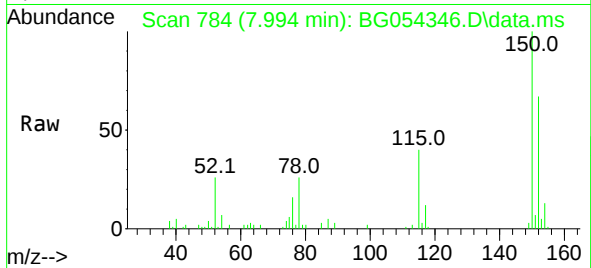




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.994 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BG054346.D
 Acq: 21 Jul 2022 15:37

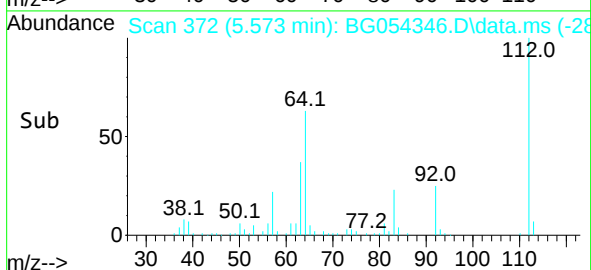
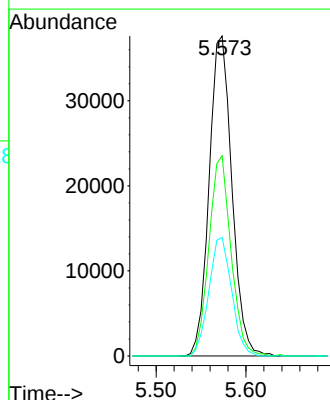
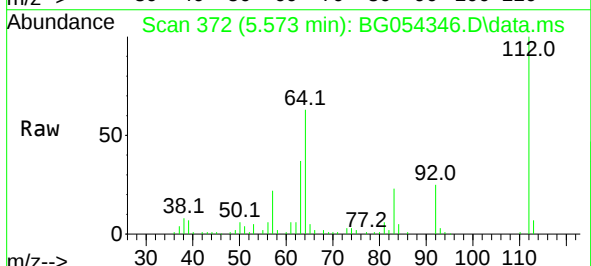
Instrument :
 BNA_G
 ClientSampleId :
 0718-WC-TP-WC3EB

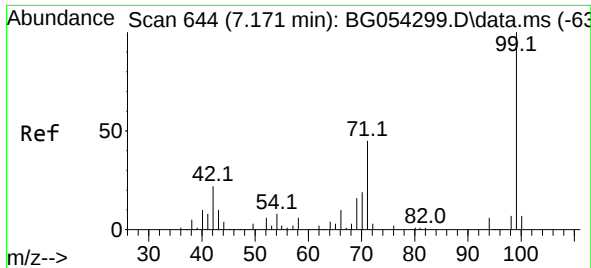
Tgt Ion:152 Resp: 20274
 Ion Ratio Lower Upper
 152 100
 150 149.5 131.6 197.4
 115 60.4 50.9 76.3



#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

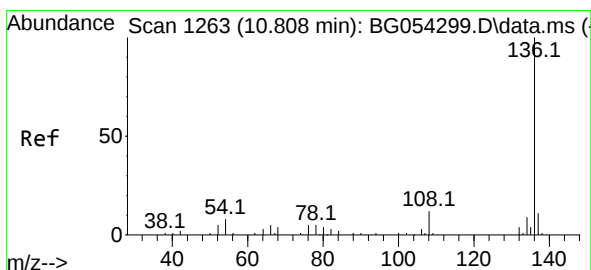
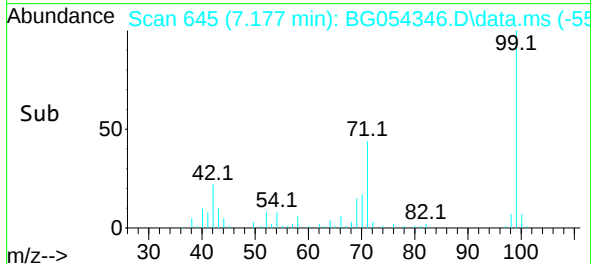
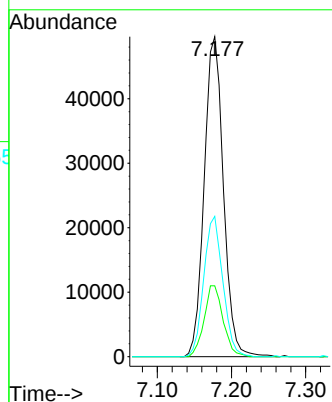
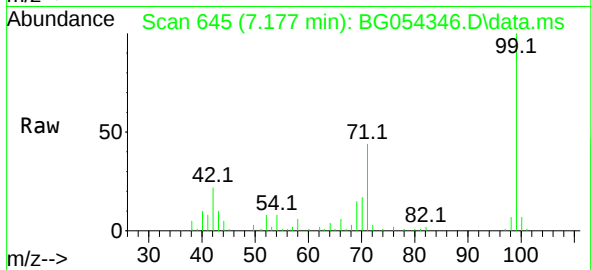




#7
Phenol-d6
Concen: 67.116 ng
RT: 7.177 min Scan# 64
Delta R.T. 0.006 min
Lab File: BG054346.D
Acq: 21 Jul 2022 15:37

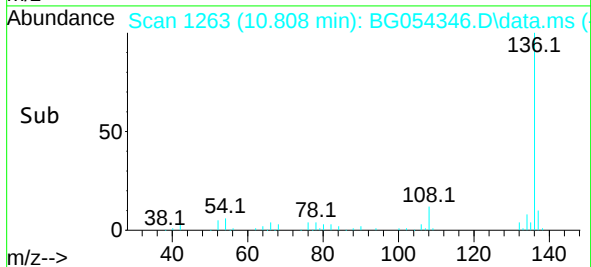
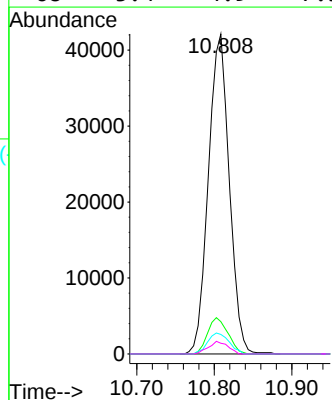
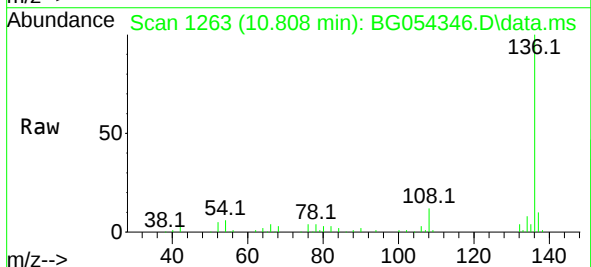
Instrument :
BNA_G
ClientSampleId :
0718-WC-TP-WC3EB

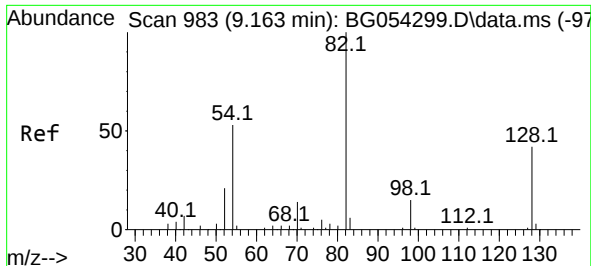
Tgt Ion: 99 Resp: 89301
Ion Ratio Lower Upper
99 100
42 22.2 17.0 25.6
71 43.9 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.808 min Scan# 1263
Delta R.T. 0.000 min
Lab File: BG054346.D
Acq: 21 Jul 2022 15:37

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#

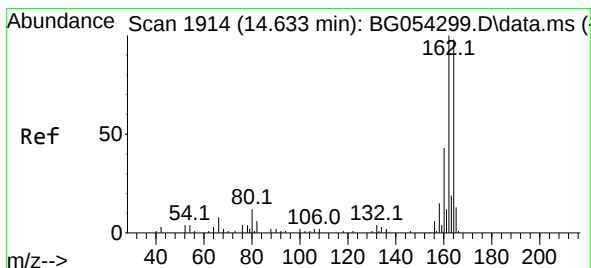
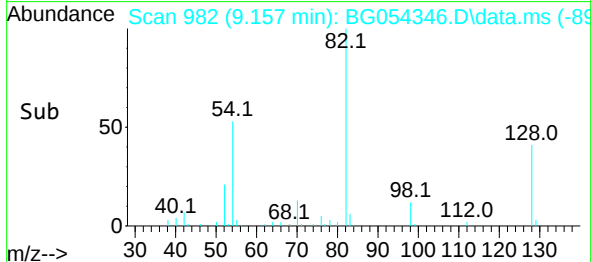
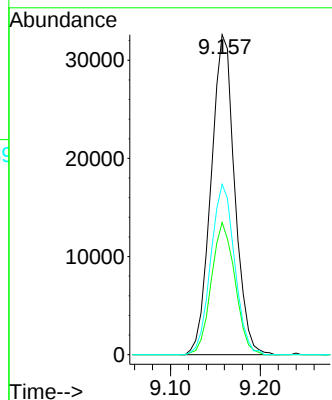
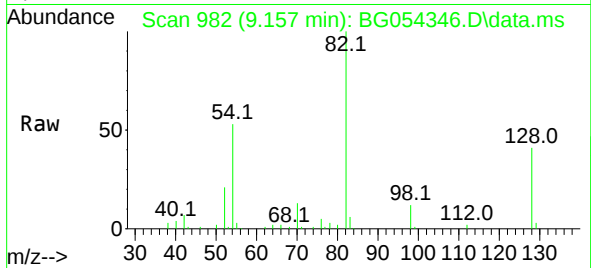




#23
Nitrobenzene-d5
Concen: 41.067 ng
RT: 9.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG054346.D
Acq: 21 Jul 2022 15:37

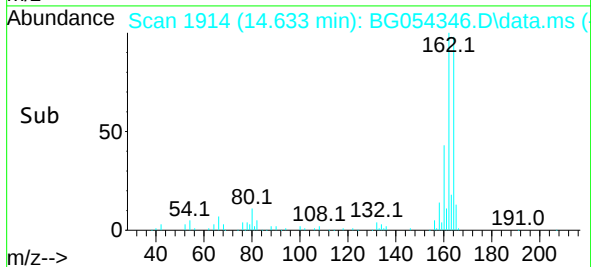
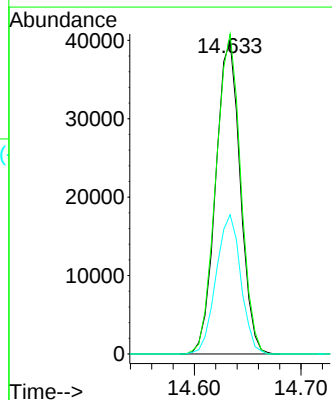
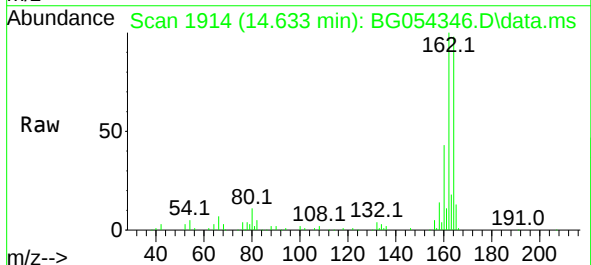
Instrument :
BNA_G
ClientSampleId :
0718-WC-TP-WC3EB

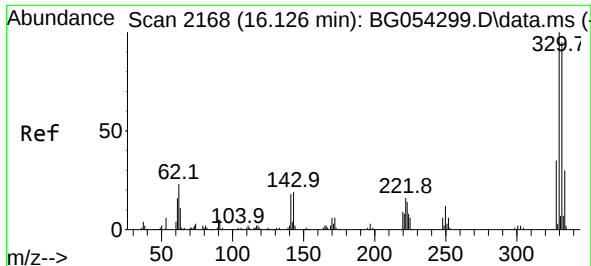
Tgt Ion: 82 Resp: 59597
Ion Ratio Lower Upper
82 100
128 41.3 27.9 41.9
54 53.3 41.2 61.8



#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

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

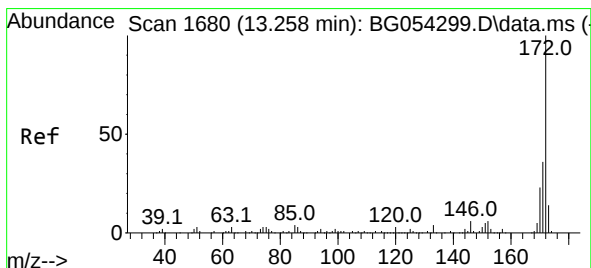
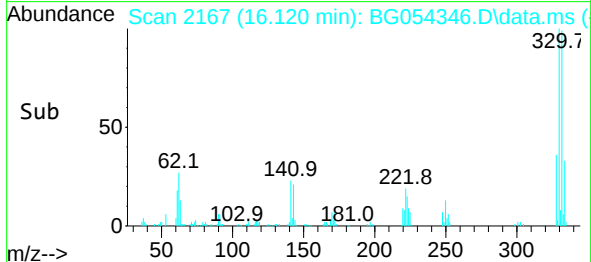
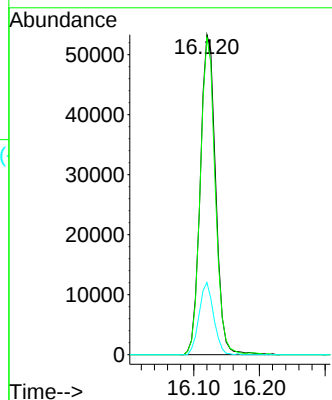
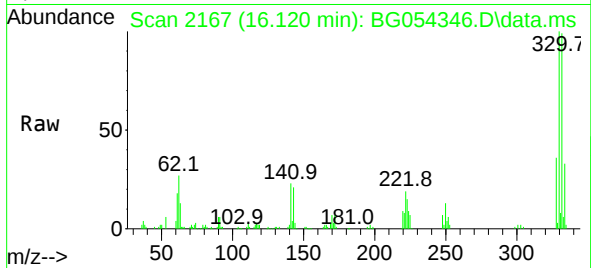




#42
2,4,6-Tribromophenol
Concen: 65.019 ng
RT: 16.120 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BG054346.D
Acq: 21 Jul 2022 15:37

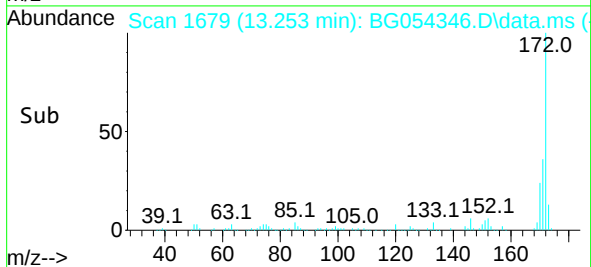
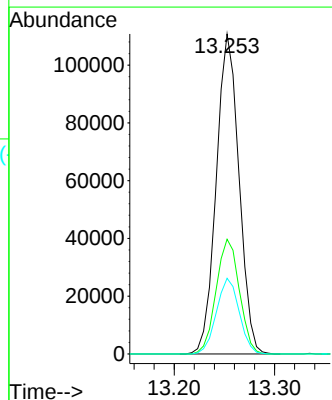
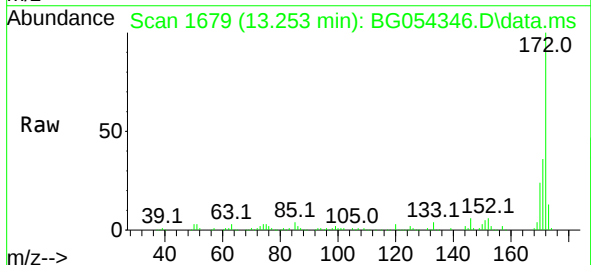
Instrument :
BNA_G
ClientSampleId :
0718-WC-TP-WC3EB

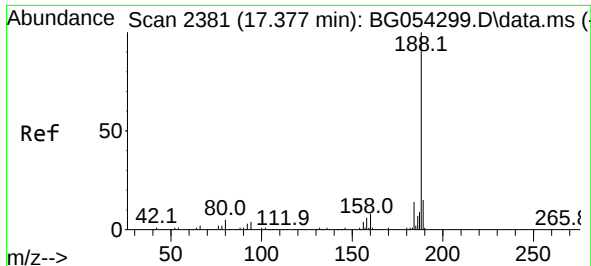
Tgt Ion:330 Resp: 86788
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 21.4 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 38.577 ng
RT: 13.253 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BG054346.D
Acq: 21 Jul 2022 15:37

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

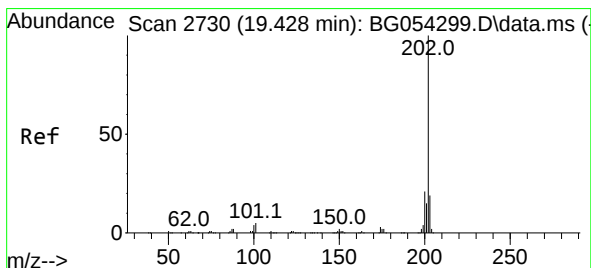
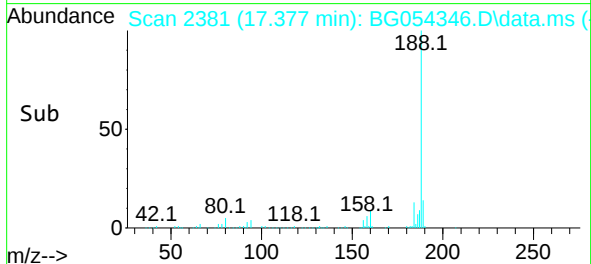
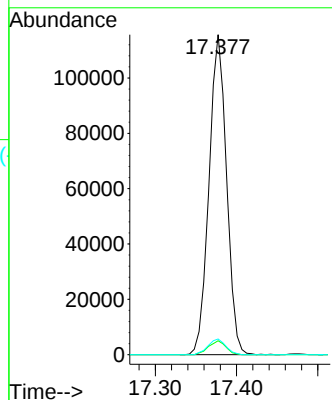
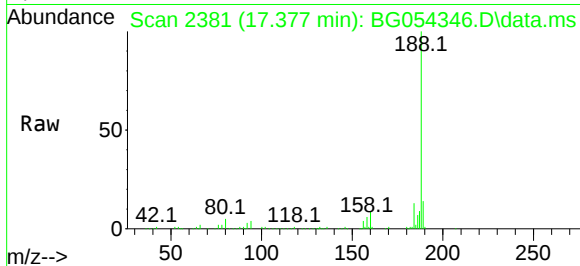




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.377 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054346.D
Acq: 21 Jul 2022 15:37

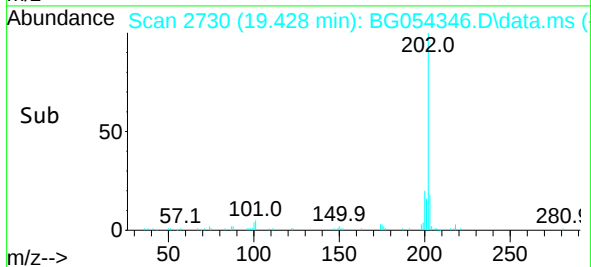
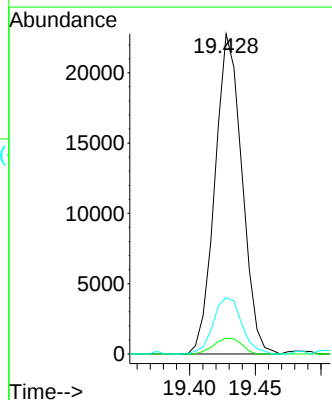
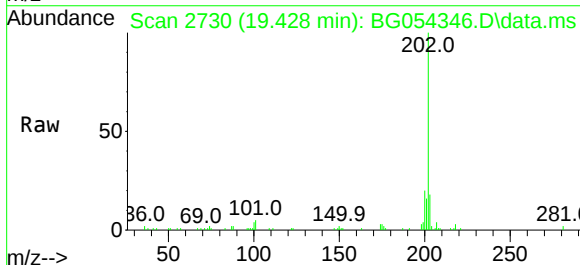
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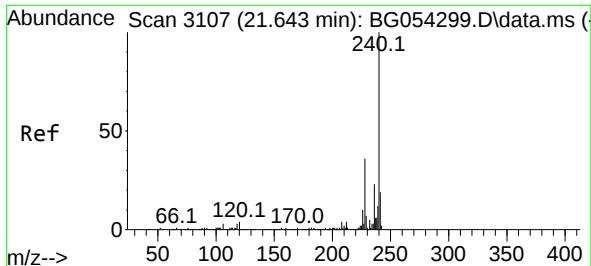
Tgt Ion:188 Resp: 173263
Ion Ratio Lower Upper
188 100
94 4.4 5.4 8.0#
80 4.9 6.8 10.2#



#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

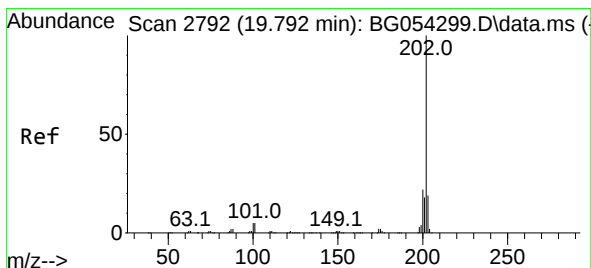
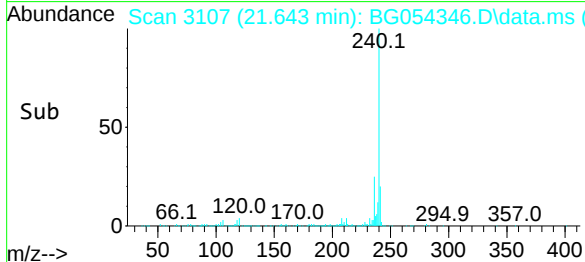
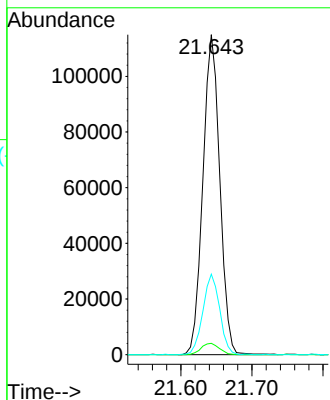
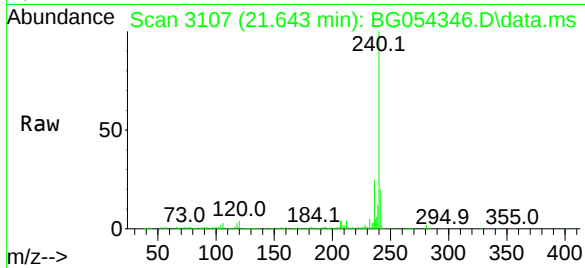




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.643 min Scan# 3107
Delta R.T. -0.000 min
Lab File: BG054346.D
Acq: 21 Jul 2022 15:37

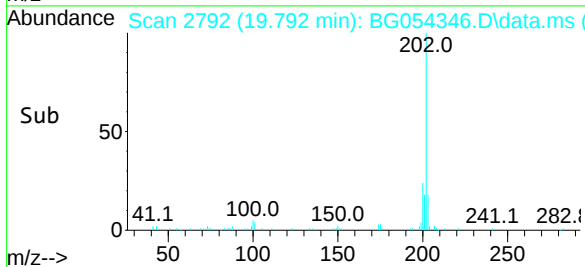
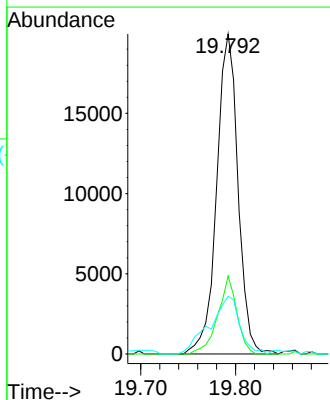
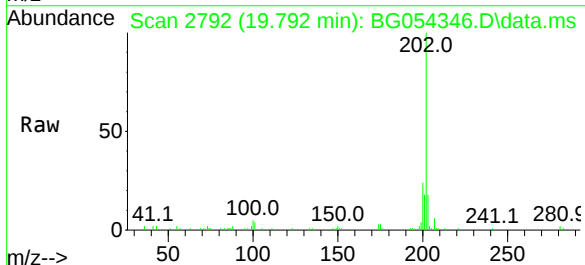
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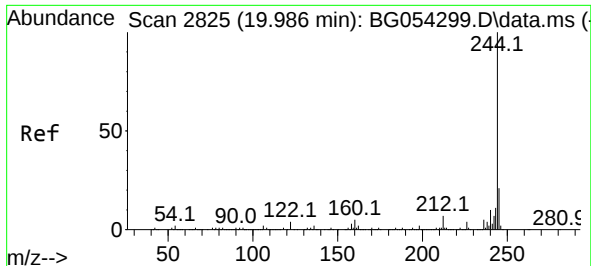
Tgt Ion:240 Resp: 190370
Ion Ratio Lower Upper
240 100
120 3.6 4.6 7.0#
236 25.2 20.2 30.4



#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

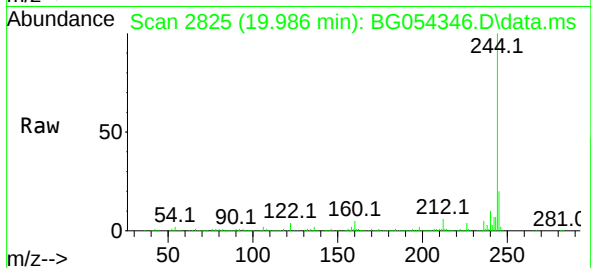
Tgt Ion:202 Resp: 31232
Ion Ratio Lower Upper
202 100
200 24.4 16.6 24.8
203 18.0 14.6 21.8



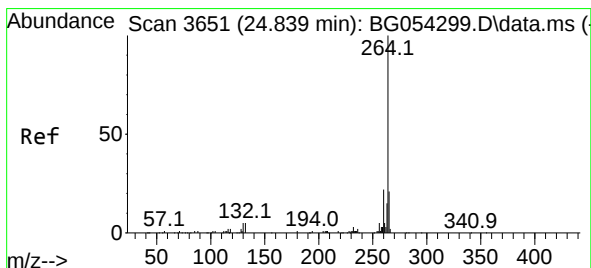
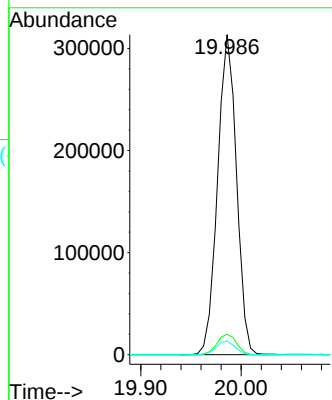
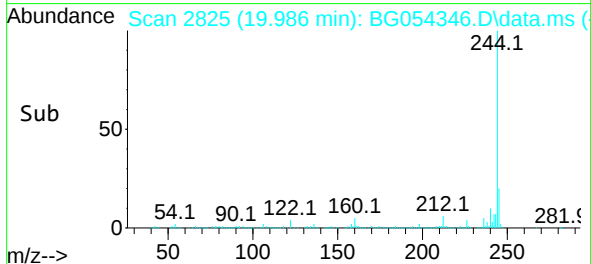


#79
 Terphenyl-d14
 Concen: 42.614 ng
 RT: 19.986 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG054346.D
 Acq: 21 Jul 2022 15:37

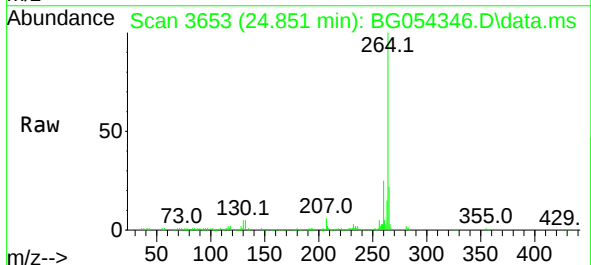
Instrument :
 BNA_G
 ClientSampleId :
 0718-WC-TP-WC3EB



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

