

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
 Data File : BG054333.D
 Acq On : 20 Jul 2022 18:48
 Operator : CG/JU
 Sample : N3767-05 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TANK-O

Quant Time: Jul 21 01:25:20 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)

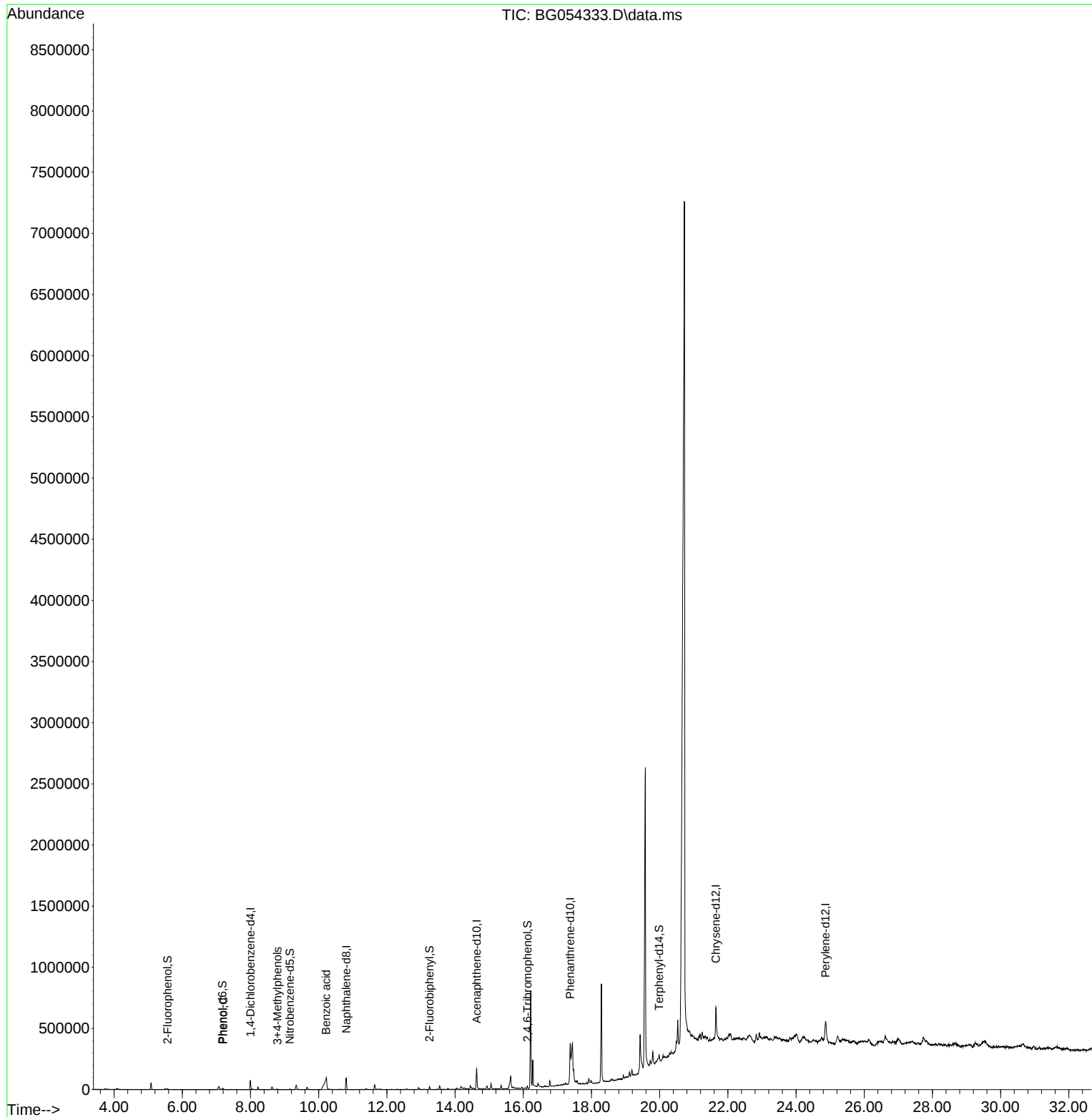
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	23133	20.000	ng	0.00
21) Naphthalene-d8	10.809	136	87095	20.000	ng	# 0.00
39) Acenaphthene-d10	14.634	164	67359	20.000	ng	0.00
64) Phenanthrene-d10	17.377	188	154366	20.000	ng	# 0.00
76) Chrysene-d12	21.649	240	177528	20.000	ng	# 0.00
86) Perylene-d12	24.863	264	193202	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.568	112	3825	3.452	ng	0.00
7) Phenol-d6	7.178	99	4933	3.249	ng	0.00
23) Nitrobenzene-d5	9.158	82	4096	2.561	ng	0.00
42) 2,4,6-Tribromophenol	16.126	330	5828	4.121	ng	0.00
45) 2-Fluorobiphenyl	13.253	172	14159	2.965	ng	0.00
79) Terphenyl-d14	19.986	244	27869	3.114	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.201	94	4873	3.231	ng	97
20) 3+4-Methylphenols	8.787	107	3722	2.430	ng	# 78
32) Benzoic acid	10.215	122	73145	149.939	ng	# 80

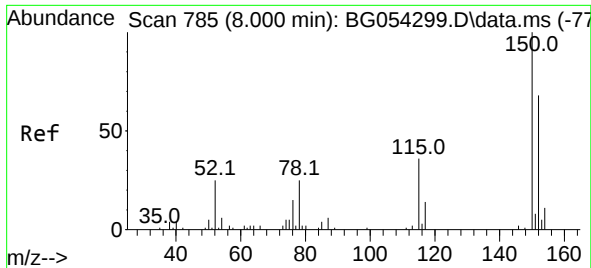
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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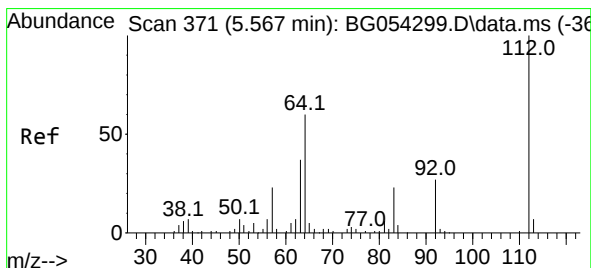
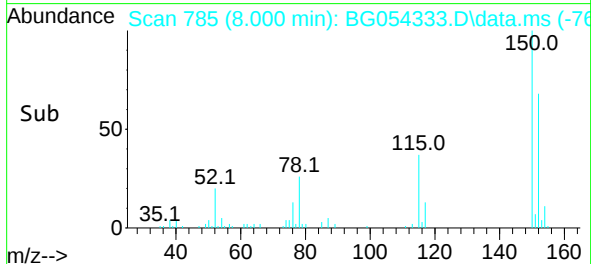
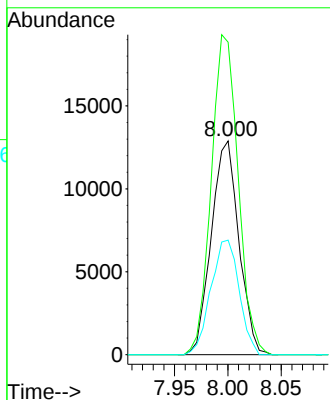
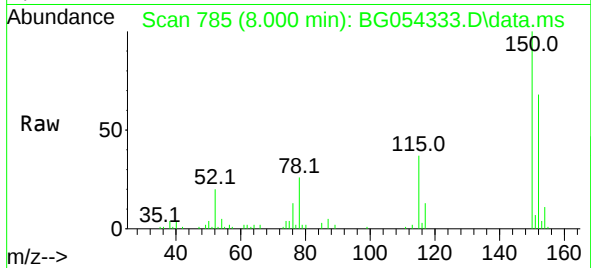




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.000 min Scan# 785
Delta R.T. 0.000 min
Lab File: BG054333.D
Acq: 20 Jul 2022 18:48

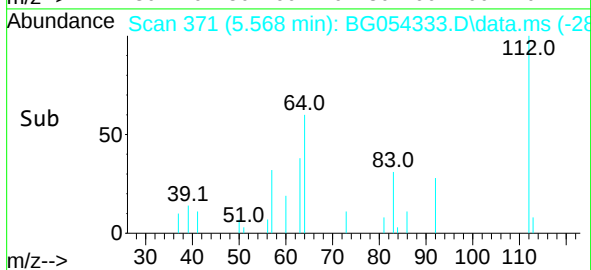
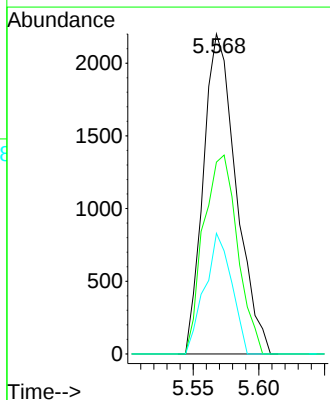
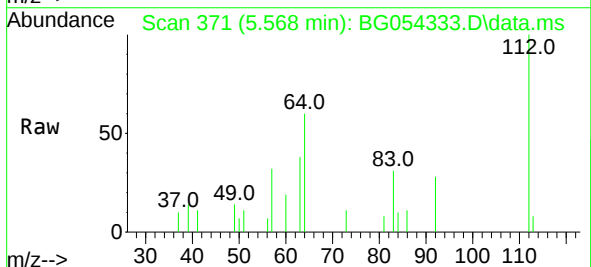
Instrument :
BNA_G
ClientSampleId :
TANK-O

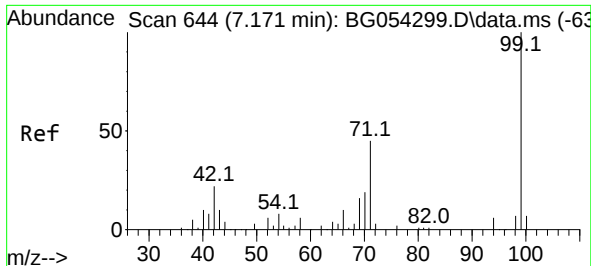
Tgt Ion:152 Resp: 23133
Ion Ratio Lower Upper
152 100
150 146.2 131.6 197.4
115 53.6 50.9 76.3



#5
2-Fluorophenol
Concen: 3.452 ng
RT: 5.568 min Scan# 371
Delta R.T. 0.000 min
Lab File: BG054333.D
Acq: 20 Jul 2022 18:48

Tgt Ion:112 Resp: 3825
Ion Ratio Lower Upper
112 100
64 60.0 55.1 82.7
63 37.7 30.4 45.6

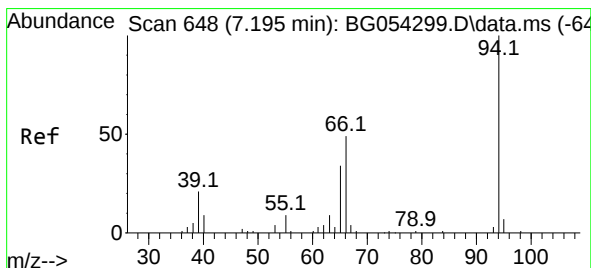
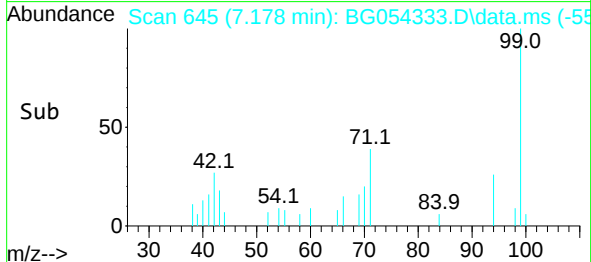
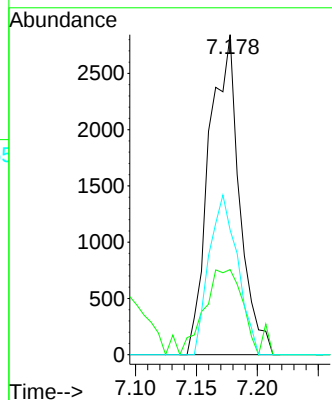
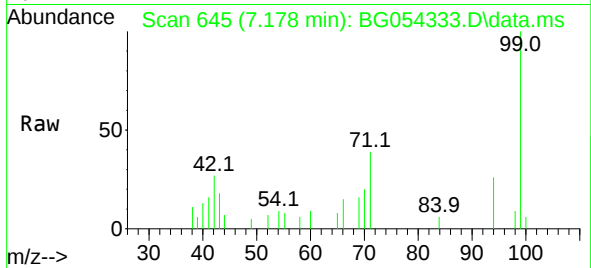




#7
Phenol-d6
Concen: 3.249 ng
RT: 7.178 min Scan# 644
Delta R.T. 0.006 min
Lab File: BG054333.D
Acq: 20 Jul 2022 18:48

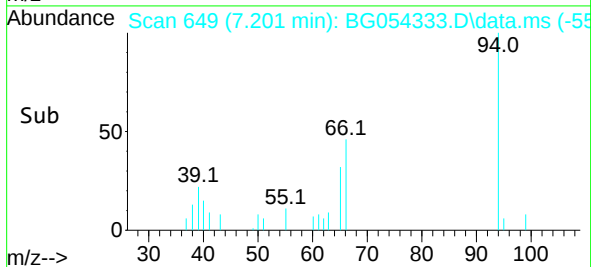
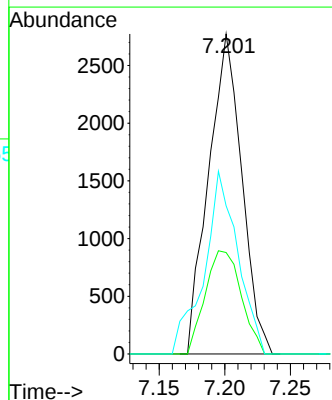
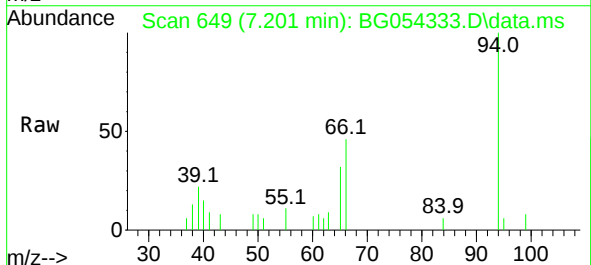
Instrument :
BNA_G
ClientSampleId :
TANK-O

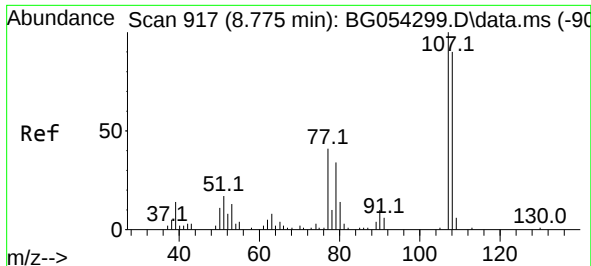
Tgt Ion: 99 Resp: 4933
Ion Ratio Lower Upper
99 100
42 26.6 17.0 25.6#
71 39.0 33.8 50.8



#10
Phenol
Concen: 3.231 ng
RT: 7.201 min Scan# 649
Delta R.T. 0.006 min
Lab File: BG054333.D
Acq: 20 Jul 2022 18:48

Tgt Ion: 94 Resp: 4873
Ion Ratio Lower Upper
94 100
65 31.7 14.8 54.8
66 46.3 25.2 65.2

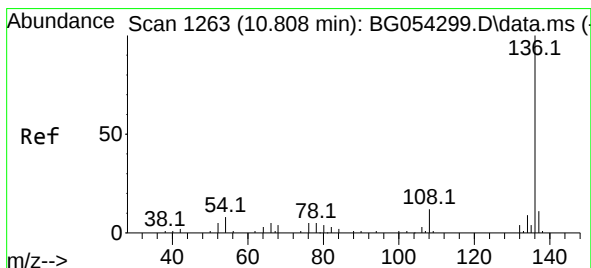
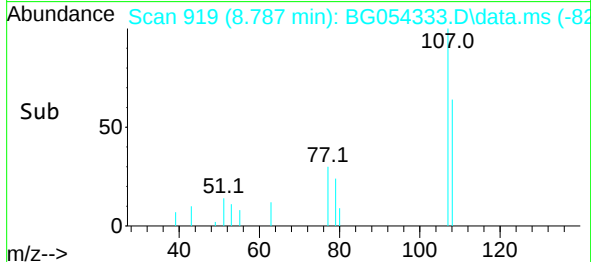
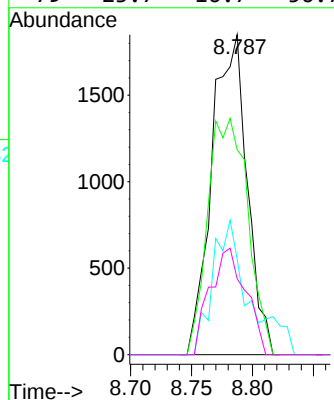
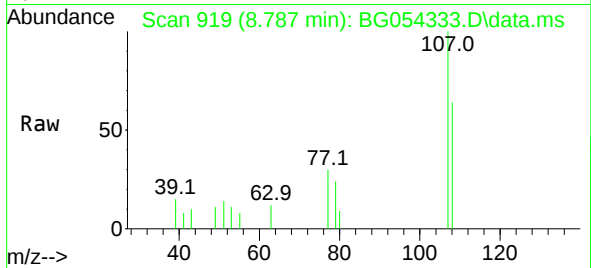




#20
3+4-Methylphenols
Concen: 2.430 ng
RT: 8.787 min Scan# 917
Delta R.T. 0.012 min
Lab File: BG054333.D
Acq: 20 Jul 2022 18:48

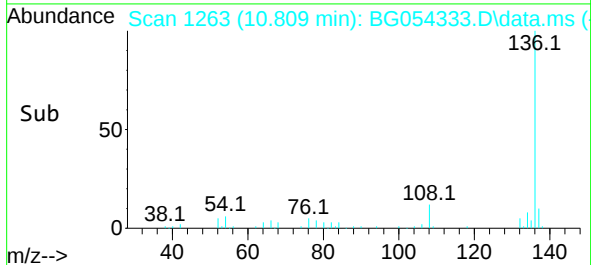
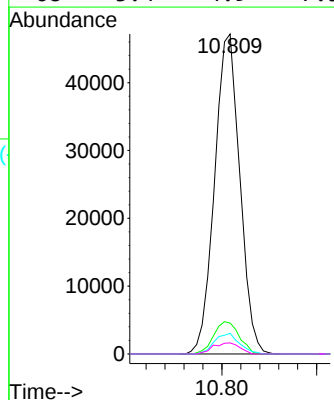
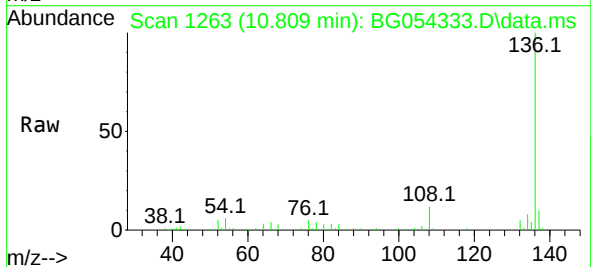
Instrument :
BNA_G
ClientSampleId :
TANK-O

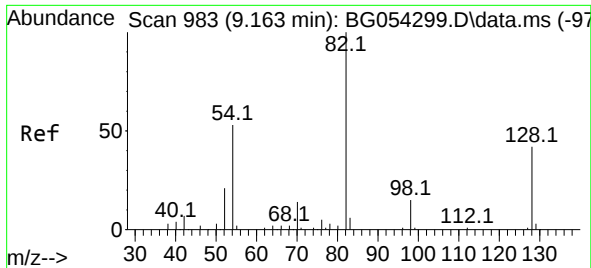
Tgt Ion:107 Resp: 3722
Ion Ratio Lower Upper
107 100
108 64.1 67.5 107.5#
77 29.8 20.3 60.3
79 23.7 16.7 56.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.809 min Scan# 1263
Delta R.T. 0.001 min
Lab File: BG054333.D
Acq: 20 Jul 2022 18:48

Tgt Ion:136 Resp: 87095
Ion Ratio Lower Upper
136 100
137 9.6 8.5 12.7
54 6.4 7.4 11.2#
68 3.4 4.9 7.3#

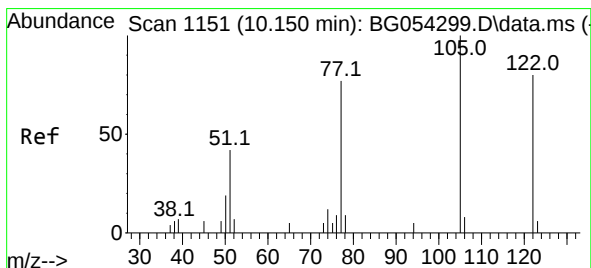
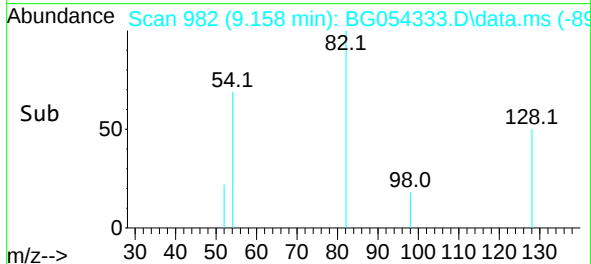
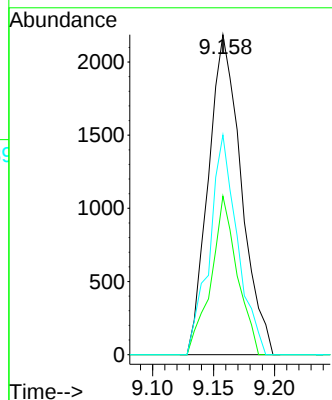
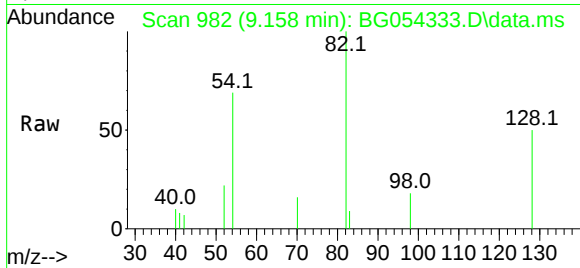




#23
Nitrobenzene-d5
Concen: 2.561 ng
RT: 9.158 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG054333.D
Acq: 20 Jul 2022 18:48

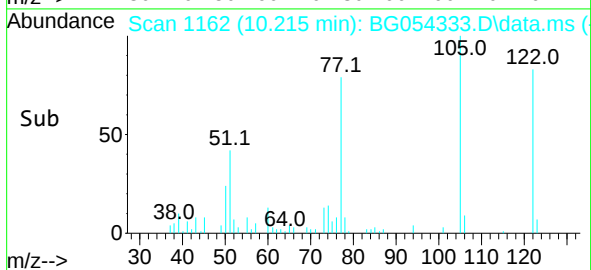
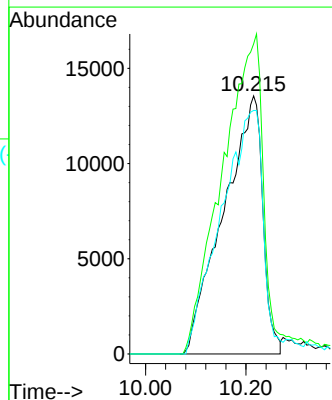
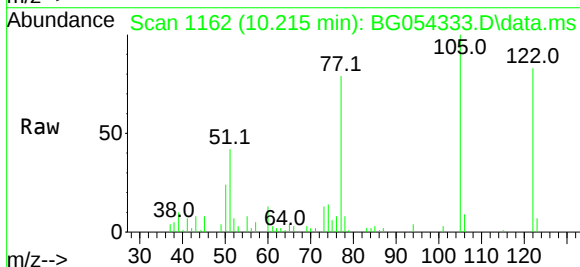
Instrument :
BNA_G
ClientSampleId :
TANK-O

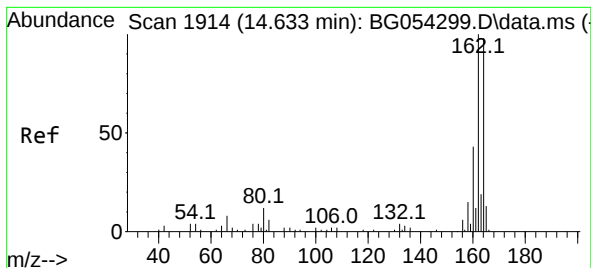
Tgt Ion: 82 Resp: 4096
Ion Ratio Lower Upper
82 100
128 49.6 27.9 41.9#
54 68.6 41.2 61.8#



#32
Benzoic acid
Concen: 149.939 ng
RT: 10.215 min Scan# 1162
Delta R.T. 0.065 min
Lab File: BG054333.D
Acq: 20 Jul 2022 18:48

Tgt Ion:122 Resp: 73145
Ion Ratio Lower Upper
122 100
105 120.2 111.8 151.8
77 94.4 109.4 149.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.634 min Scan# 1914

Delta R.T. 0.001 min

Lab File: BG054333.D

Acq: 20 Jul 2022 18:48

Instrument :

BNA_G

ClientSampleId :

TANK-O

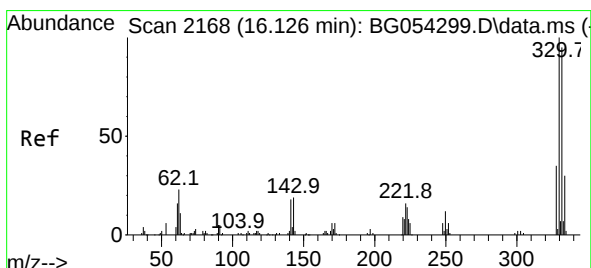
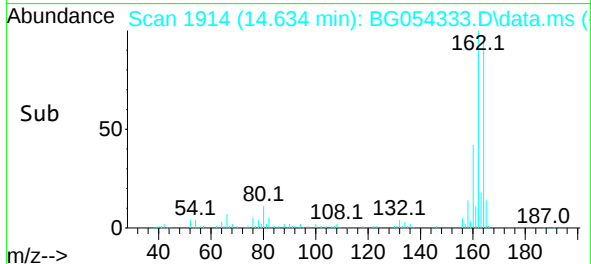
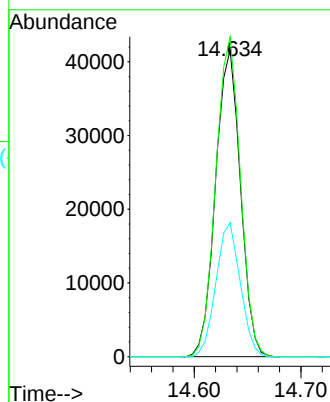
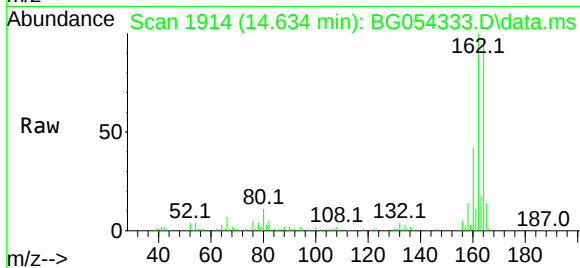
Tgt Ion:164 Resp: 67359

Ion Ratio Lower Upper

164 100

162 104.2 82.3 123.5

160 43.6 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 4.121 ng

RT: 16.126 min Scan# 2168

Delta R.T. 0.000 min

Lab File: BG054333.D

Acq: 20 Jul 2022 18:48

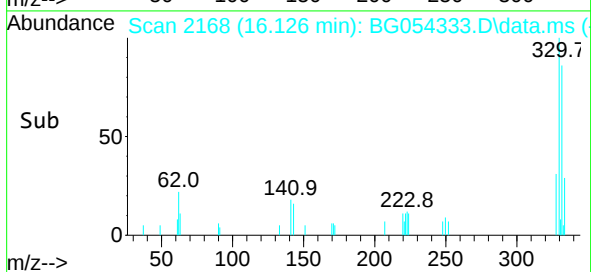
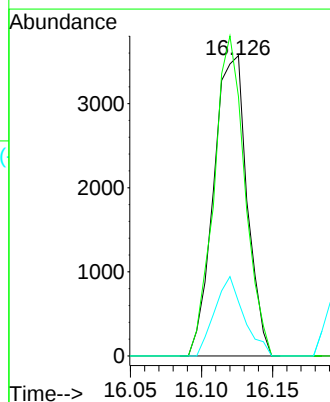
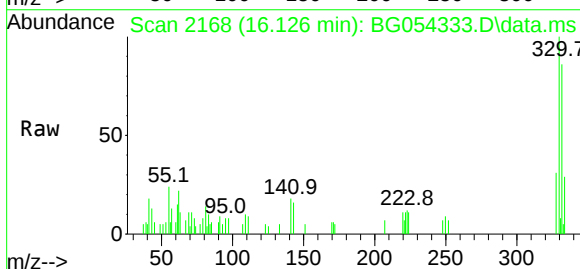
Tgt Ion:330 Resp: 5828

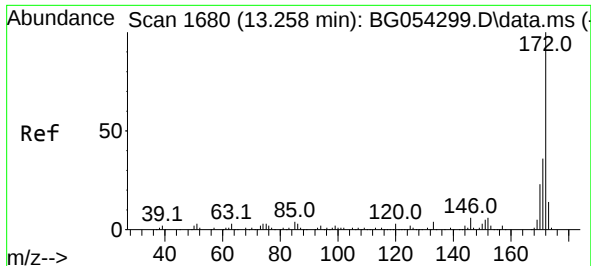
Ion Ratio Lower Upper

330 100

332 98.5 76.0 114.0

141 23.1 27.1 40.7#

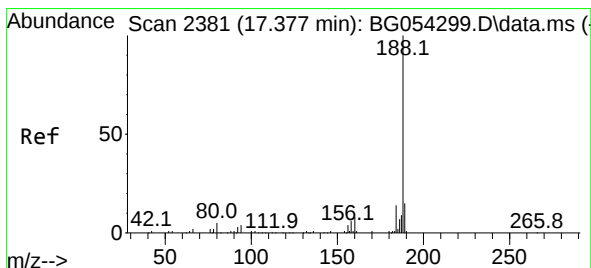
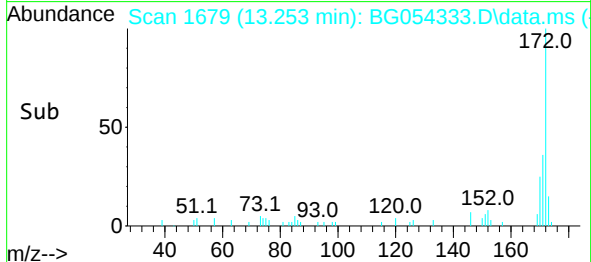
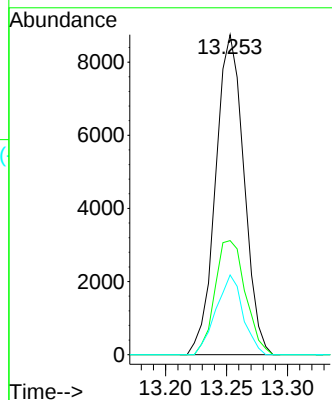
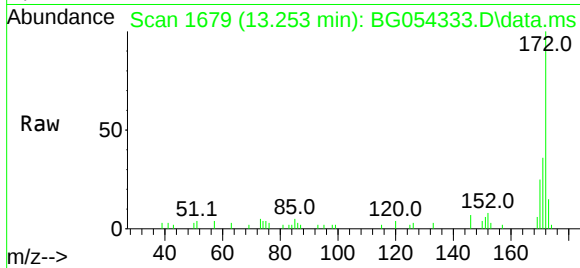




#45
2-Fluorobiphenyl
Concen: 2.965 ng
RT: 13.253 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054333.D
Acq: 20 Jul 2022 18:48

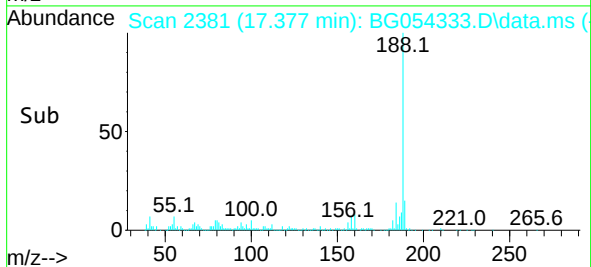
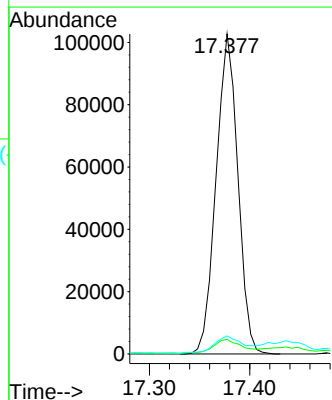
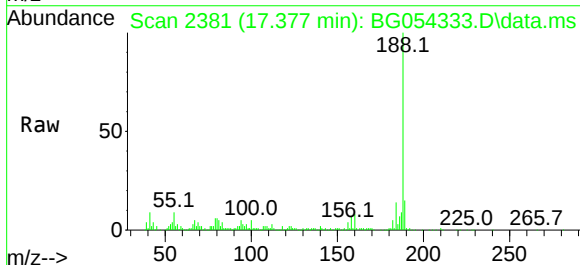
Instrument :
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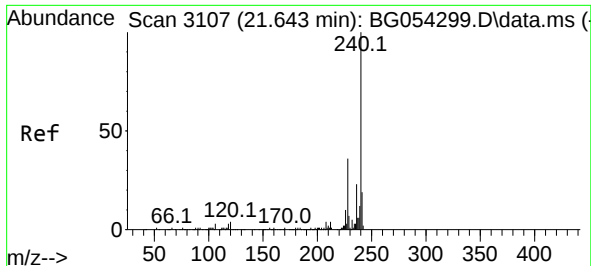
Tgt Ion:172 Resp: 14159
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 24.9 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.377 min Scan# 2381
Delta R.T. 0.000 min
Lab File: BG054333.D
Acq: 20 Jul 2022 18:48

Tgt Ion:188 Resp: 154366
Ion Ratio Lower Upper
188 100
94 4.5 5.4 8.0#
80 5.7 6.8 10.2#

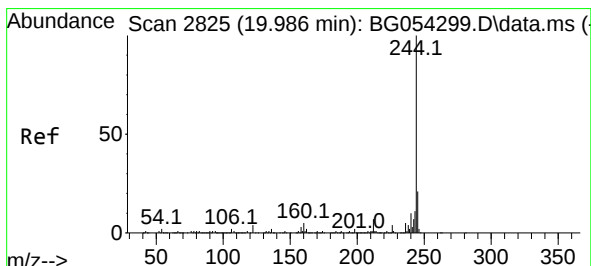
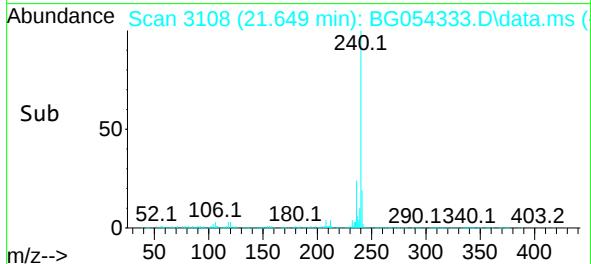
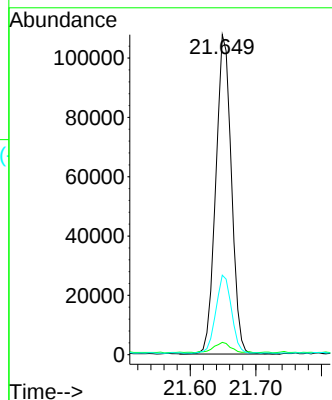
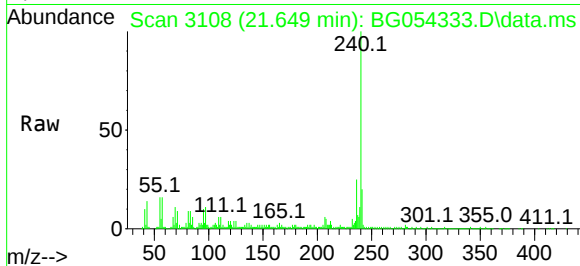




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.649 min Scan# 3107
Delta R.T. 0.006 min
Lab File: BG054333.D
Acq: 20 Jul 2022 18:48

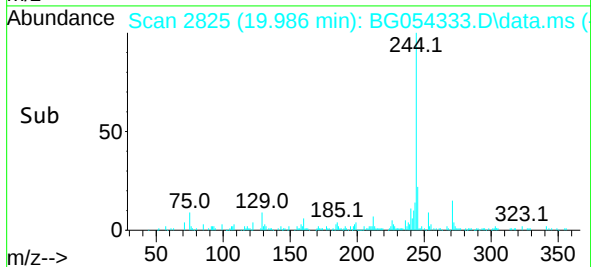
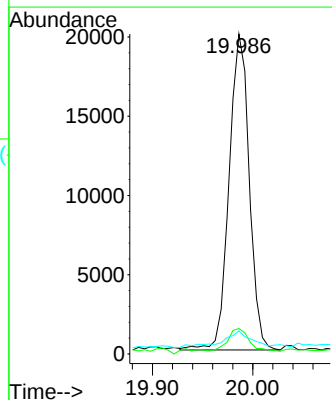
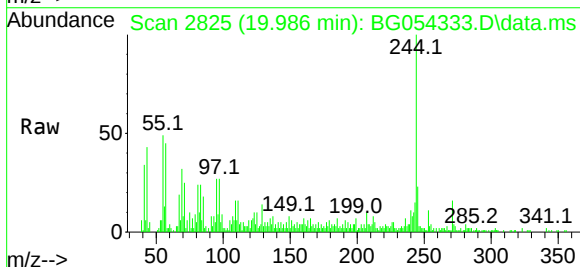
Instrument :
BNA_G
ClientSampleId :
TANK-O

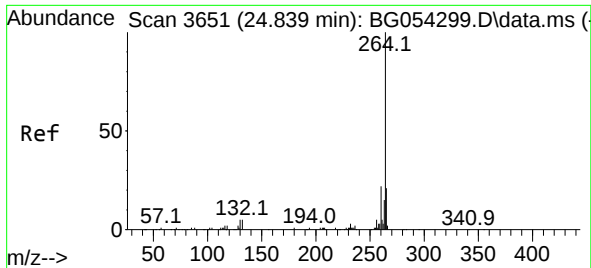
Tgt Ion:240 Resp: 177528
Ion Ratio Lower Upper
240 100
120 3.9 4.6 7.0#
236 24.8 20.2 30.4



#79
Terphenyl-d14
Concen: 3.114 ng
RT: 19.986 min Scan# 2825
Delta R.T. 0.000 min
Lab File: BG054333.D
Acq: 20 Jul 2022 18:48

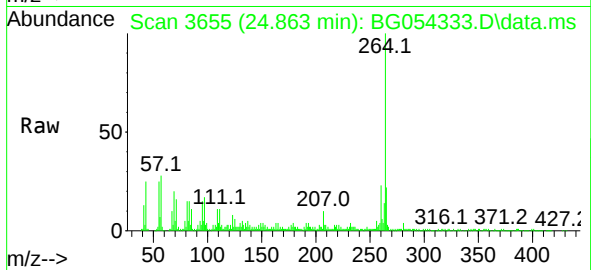
Tgt Ion:244 Resp: 27869
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 7.3 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.863 min Scan# 30
Delta R.T. 0.024 min
Lab File: BG054333.D
Acq: 20 Jul 2022 18:48

Instrument :
BNA_G
ClientSampleId :
TANK-O



Tgt Ion:	264	Resp:	193202
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.0	28.6
265	22.1	17.4	26.2

