

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072622\
 Data File : BG054400.D
 Acq On : 26 Jul 2022 16:13
 Operator : CG/JU
 Sample : N3839-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-DUPLICATE-01

Quant Time: Jul 27 04:33:40 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)

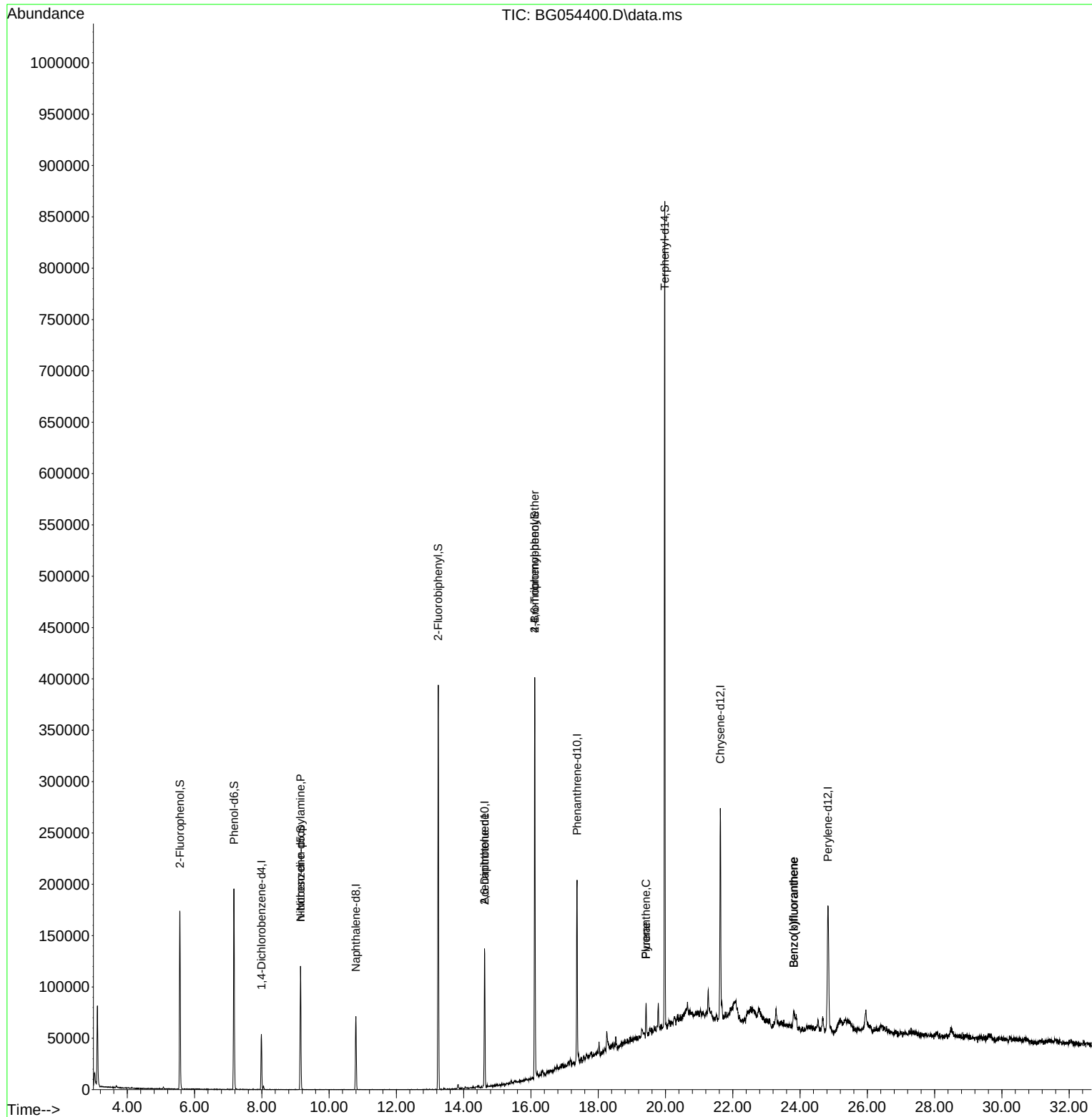
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.988	152	17198	20.000	ng	-0.01
21) Naphthalene-d8	10.796	136	65984	20.000	ng	#-0.01
39) Acenaphthene-d10	14.621	164	52089	20.000	ng	-0.01
64) Phenanthrene-d10	17.371	188	127458	20.000	ng	# 0.00
76) Chrysene-d12	21.631	240	144467	20.000	ng	#-0.01
86) Perylene-d12	24.827	264	155758	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	81868	99.390	ng	0.00
7) Phenol-d6	7.171	99	111711	98.975	ng	0.00
23) Nitrobenzene-d5	9.151	82	72294	59.665	ng	-0.01
42) 2,4,6-Tribromophenol	16.114	330	103381	94.526	ng	-0.01
45) 2-Fluorobiphenyl	13.246	172	227829	61.702	ng	-0.01
79) Terphenyl-d14	19.980	244	474925	65.216	ng	0.00
Target Compounds						
9) Benzaldehyde	7.171	77	59	Below Cal		Qvalue
19) n-Nitroso-di-n-propyla...	9.151	70	9898	13.132	ng	# 10
51) 2,6-Dinitrotoluene	14.621	165	7553	8.464	ng	# 82
67) 4-Bromophenyl-phenylether	16.114	248	6059	3.385	ng	# 16
75) Fluoranthene	19.421	202	21319	2.464	ng	# 1
78) Pyrene	19.421	202	20838	2.514	ng	94
88) Benzo(b)fluoranthene	23.816	252	18898	2.052	ng	97
89) Benzo(k)fluoranthene	23.816	252	18898	2.061	ng	# 95
						# 96

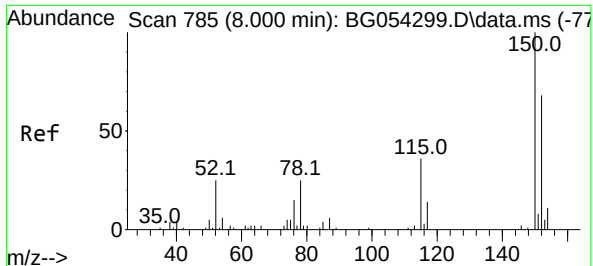
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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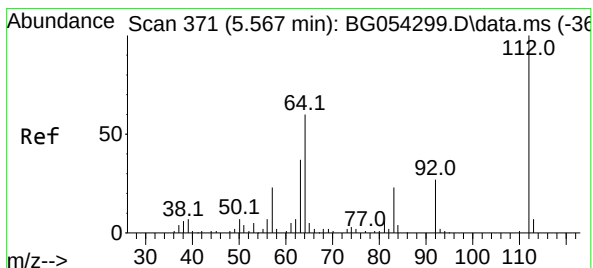
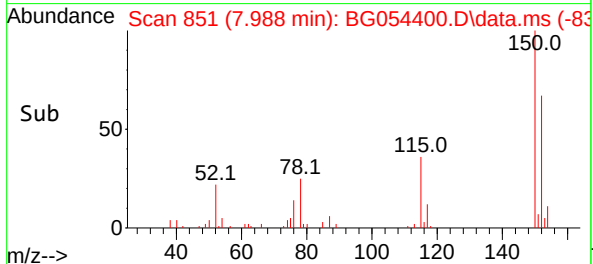
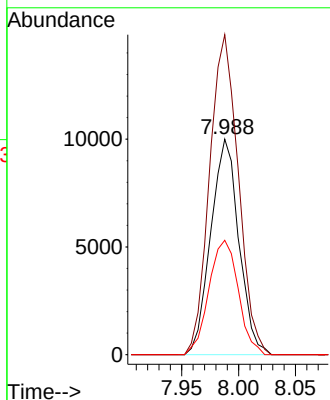
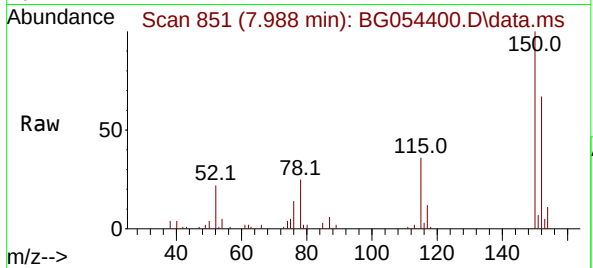




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.988 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG054400.D
Acq: 26 Jul 2022 16:13

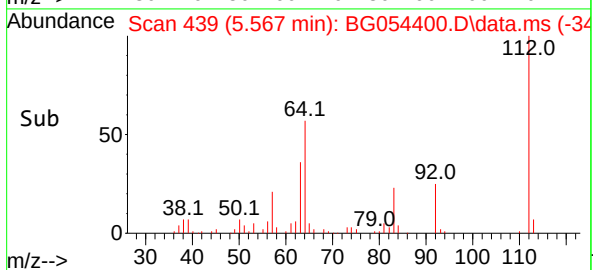
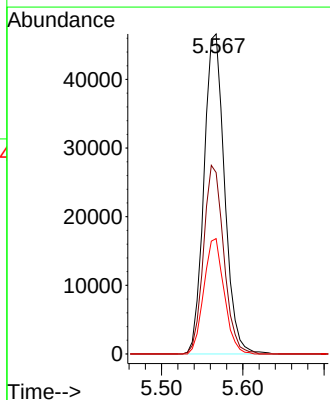
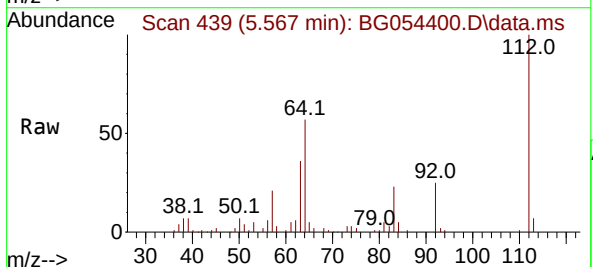
Instrument :
BNA_G
ClientSampleId :
FIELD-DUPLICATE-01

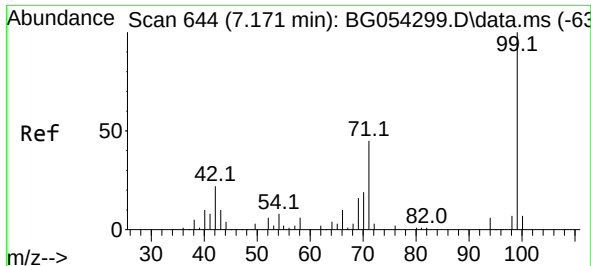
Tgt Ion:152 Resp: 17198
Ion Ratio Lower Upper
152 100
150 148.5 131.6 197.4
115 53.1 50.9 76.3



#5
2-Fluorophenol
Concen: 99.390 ng
RT: 5.567 min Scan# 439
Delta R.T. -0.000 min
Lab File: BG054400.D
Acq: 26 Jul 2022 16:13

Tgt Ion:112 Resp: 81868
Ion Ratio Lower Upper
112 100
64 56.7 55.1 82.7
63 36.0 30.4 45.6

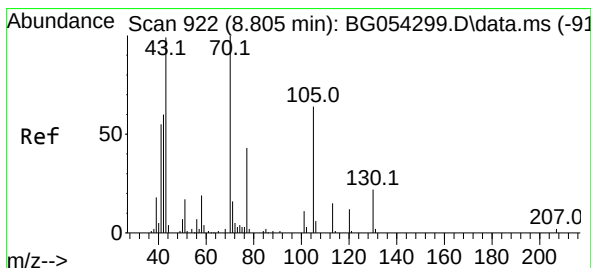
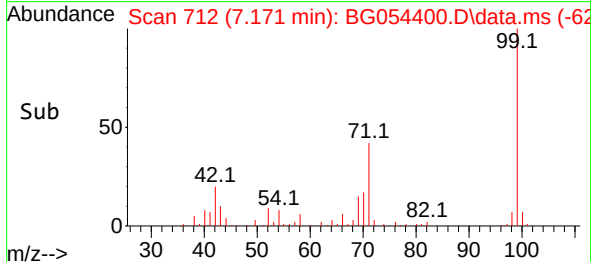
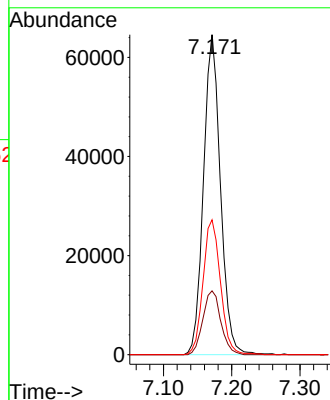
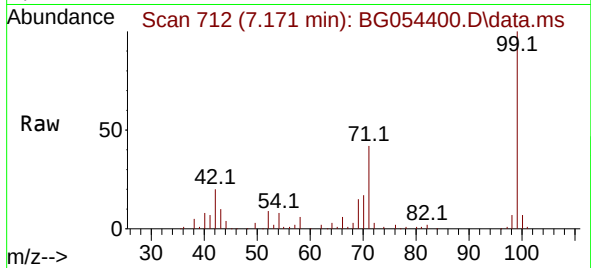




#7
Phenol-d6
Concen: 98.975 ng
RT: 7.171 min Scan# 71
Delta R.T. -0.000 min
Lab File: BG054400.D
Acq: 26 Jul 2022 16:13

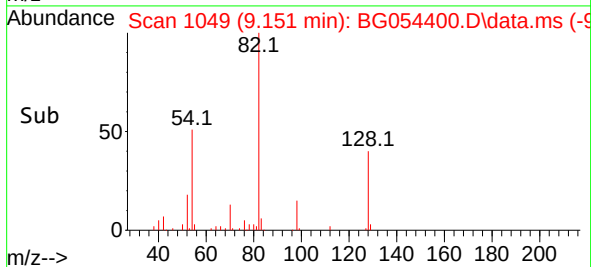
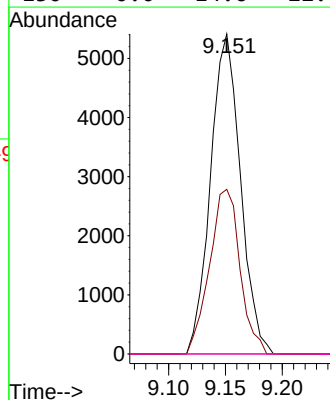
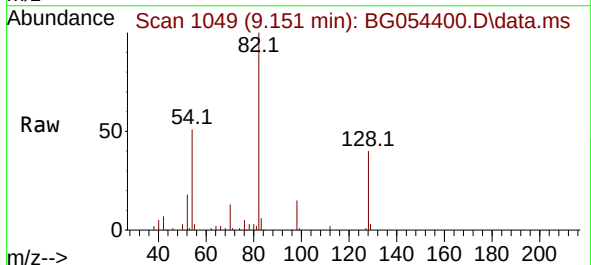
Instrument :
BNA_G
ClientSampleId :
FIELD-DUPLICATE-01

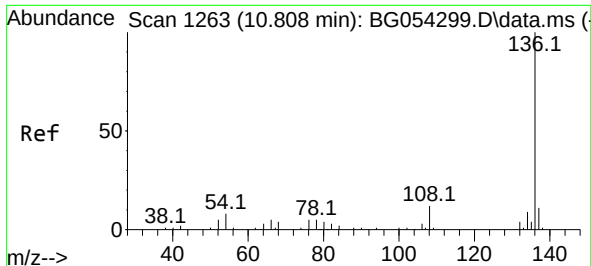
Tgt Ion: 99 Resp: 111711
Ion Ratio Lower Upper
99 100
42 20.0 17.0 25.6
71 42.1 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.132 ng
RT: 9.151 min Scan# 1049
Delta R.T. 0.346 min
Lab File: BG054400.D
Acq: 26 Jul 2022 16:13

Tgt Ion: 70 Resp: 9898
Ion Ratio Lower Upper
70 100
42 51.5 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

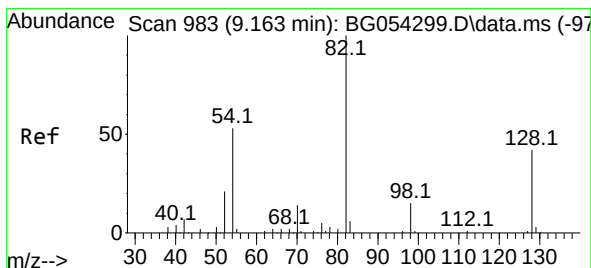
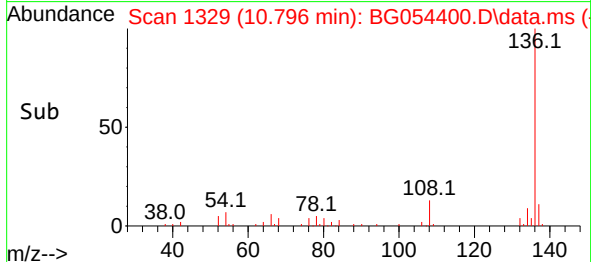
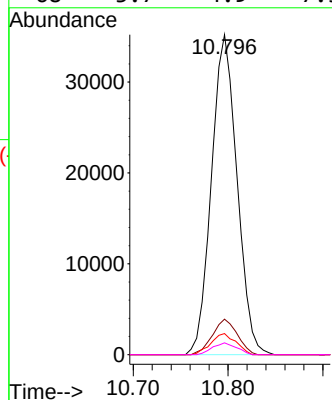
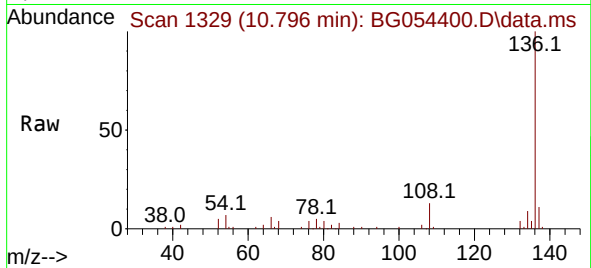




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.796 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG054400.D
Acq: 26 Jul 2022 16:13

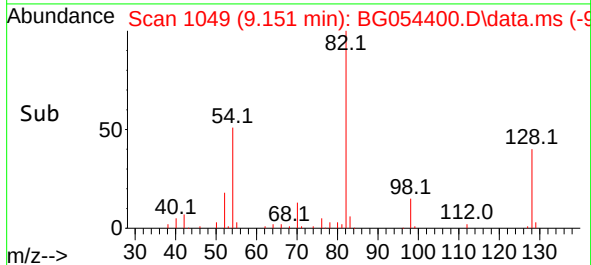
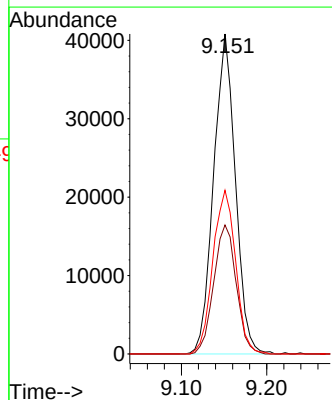
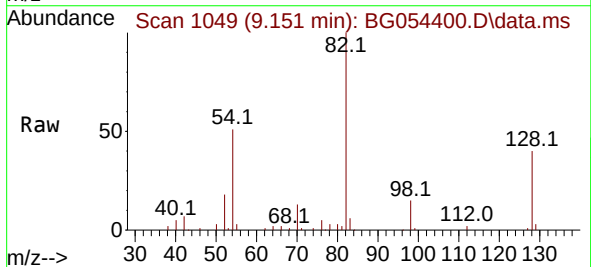
Instrument :
BNA_G
ClientSampleId :
FIELD-DUPLICATE-01

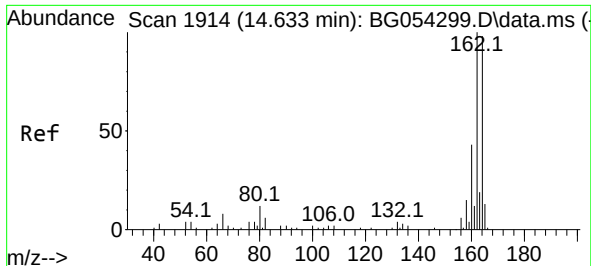
Tgt Ion:	136	Resp:	65984
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.5	12.7
54	6.6	7.4	11.2#
68	3.7	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 59.665 ng
RT: 9.151 min Scan# 1049
Delta R.T. -0.012 min
Lab File: BG054400.D
Acq: 26 Jul 2022 16:13

Tgt Ion:	82	Resp:	72294
Ion Ratio	Lower	Upper	
82	100		
128	40.3	27.9	41.9
54	51.2	41.2	61.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.621 min Scan# 1914

Delta R.T. -0.012 min

Lab File: BG054400.D

Acq: 26 Jul 2022 16:13

Instrument :

BNA_G

ClientSampleId :

FIELD-DUPLICATE-01

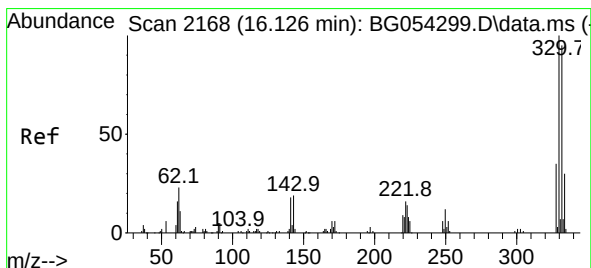
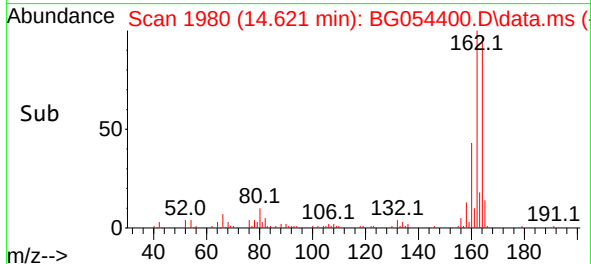
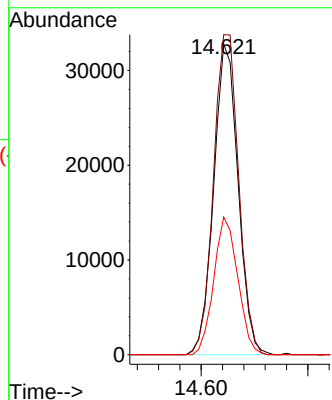
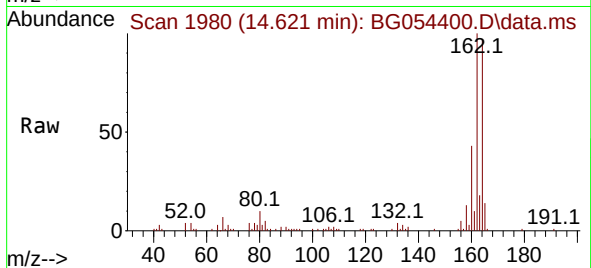
Tgt Ion:164 Resp: 52089

Ion Ratio Lower Upper

164 100

162 103.0 82.3 123.5

160 44.3 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 94.526 ng

RT: 16.114 min Scan# 2234

Delta R.T. -0.012 min

Lab File: BG054400.D

Acq: 26 Jul 2022 16:13

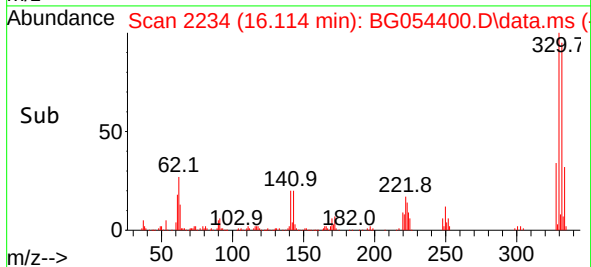
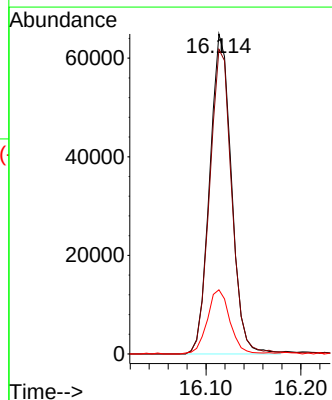
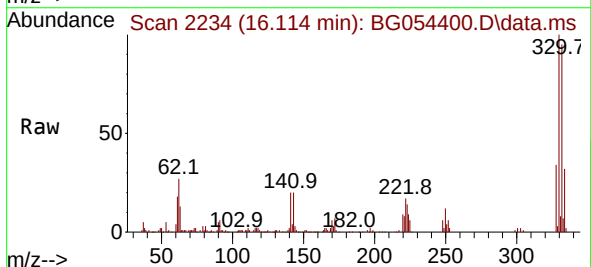
Tgt Ion:330 Resp: 103381

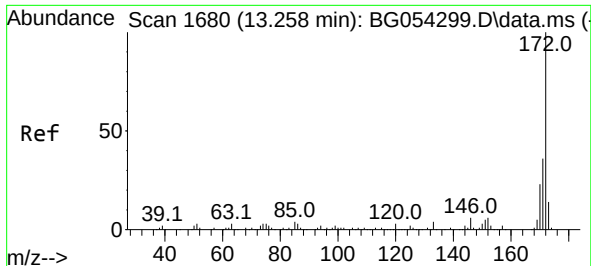
Ion Ratio Lower Upper

330 100

332 96.9 76.0 114.0

141 20.8 27.1 40.7#

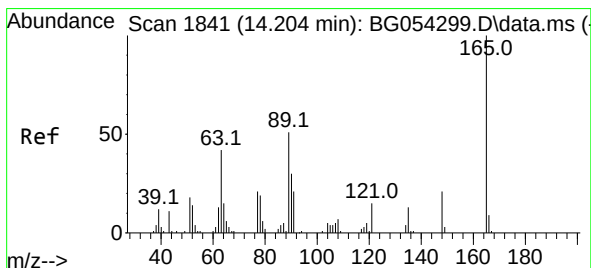
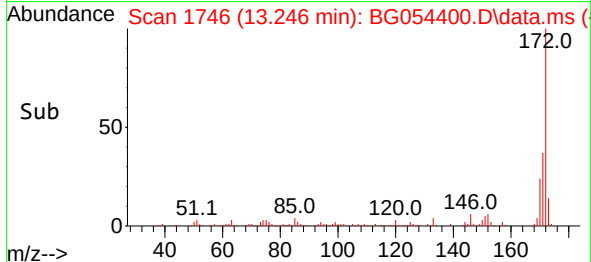
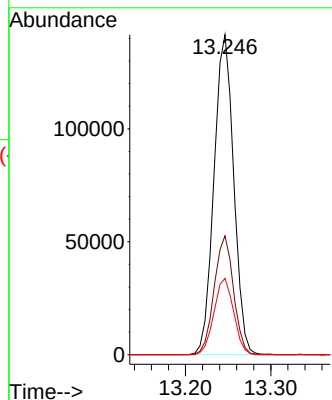
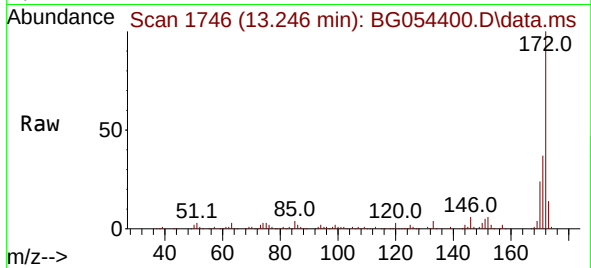




#45
2-Fluorobiphenyl
Concen: 61.702 ng
RT: 13.246 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG054400.D
Acq: 26 Jul 2022 16:13

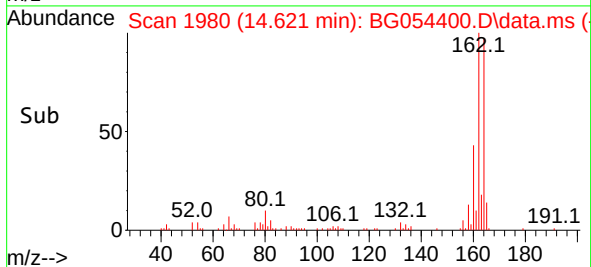
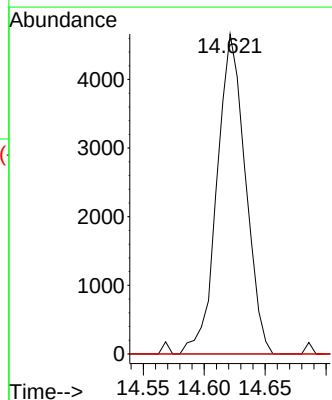
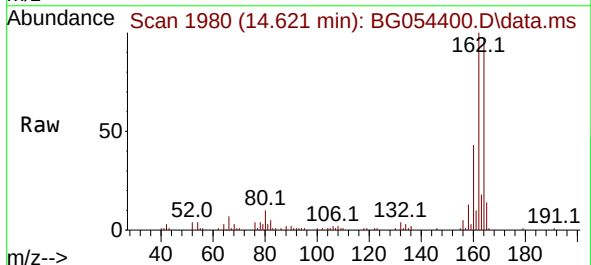
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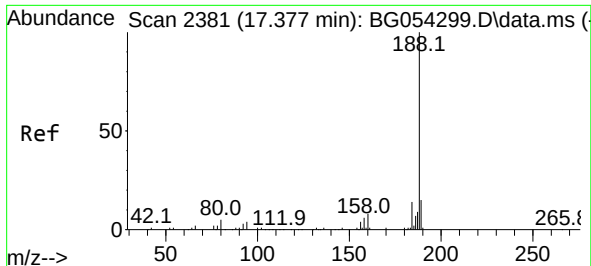
Tgt Ion:172 Resp: 227829
Ion Ratio Lower Upper
172 100
171 37.2 28.5 42.7
170 23.9 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.464 ng
RT: 14.621 min Scan# 1980
Delta R.T. 0.417 min
Lab File: BG054400.D
Acq: 26 Jul 2022 16:13

Tgt Ion:165 Resp: 7553
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

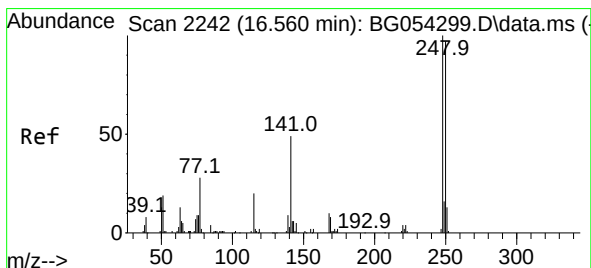
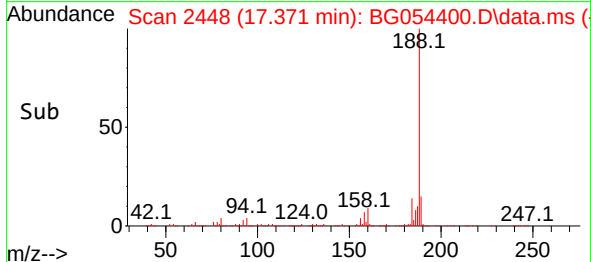
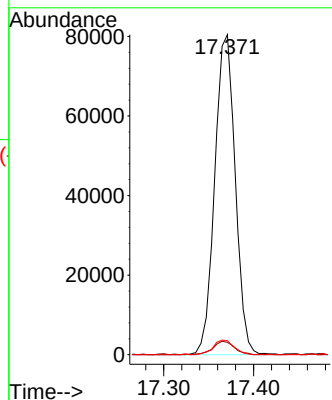
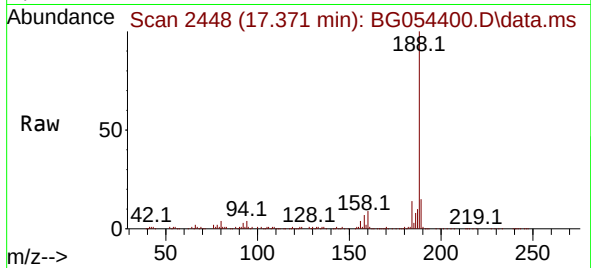




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.371 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG054400.D
Acq: 26 Jul 2022 16:13

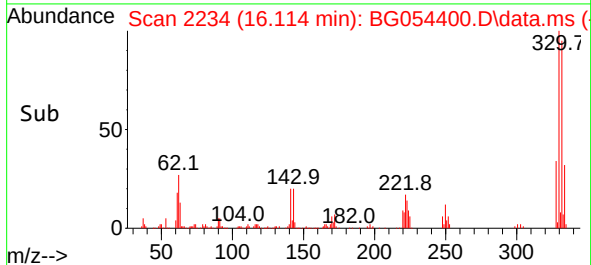
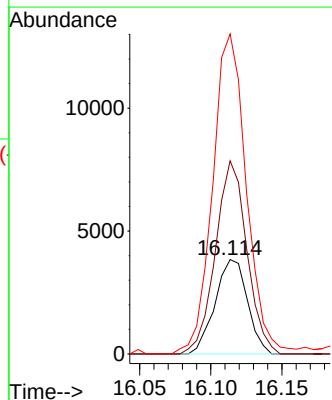
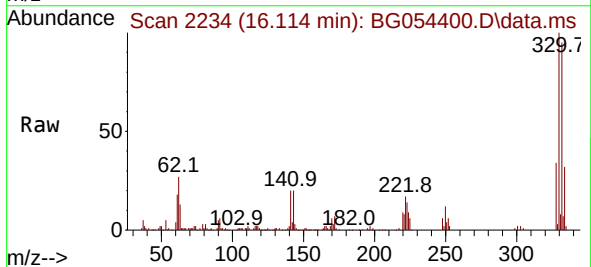
Instrument :
BNA_G
ClientSampleId :
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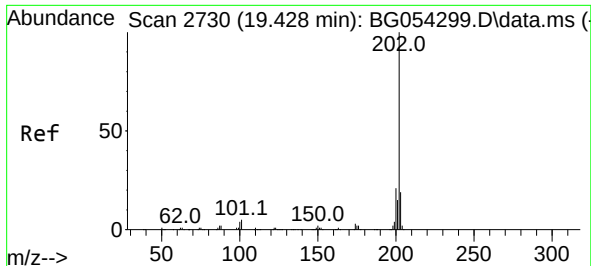
Tgt Ion:188 Resp: 127458
Ion Ratio Lower Upper
188 100
94 3.8 5.4 8.0#
80 4.4 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 3.385 ng
RT: 16.114 min Scan# 2234
Delta R.T. -0.447 min
Lab File: BG054400.D
Acq: 26 Jul 2022 16:13

Tgt Ion:248 Resp: 6059
Ion Ratio Lower Upper
248 100
250 271.2 75.2 112.8#
141 339.3 50.0 75.0#

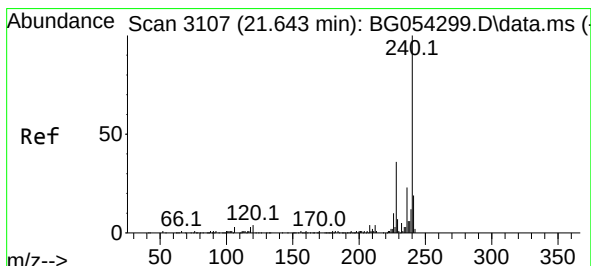
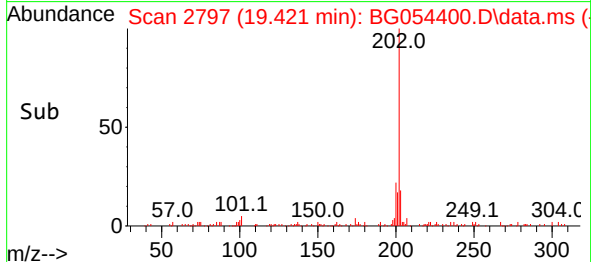
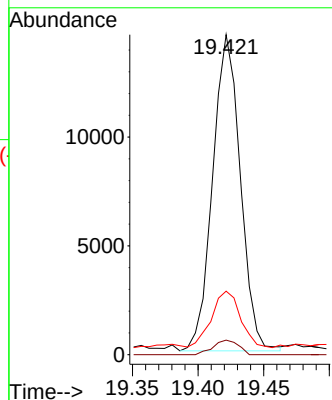
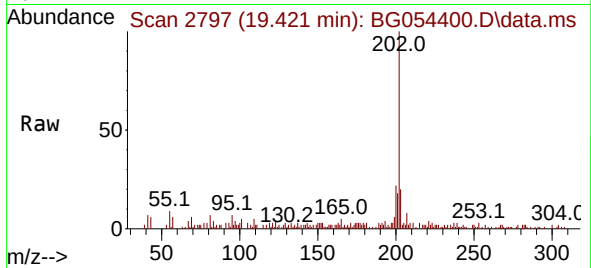




#75
Fluoranthene
Concen: 2.464 ng
RT: 19.421 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054400.D
Acq: 26 Jul 2022 16:13

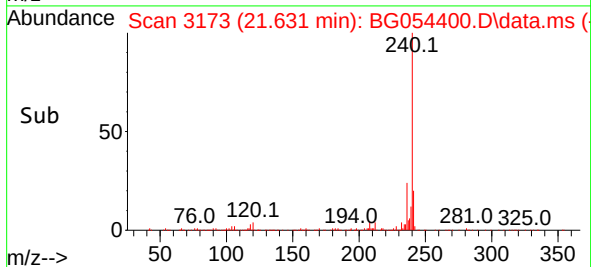
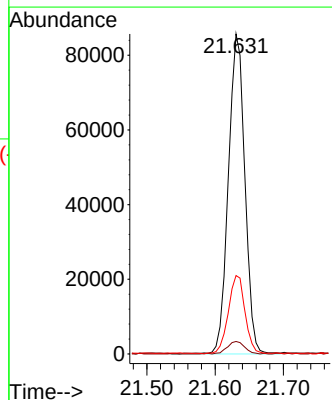
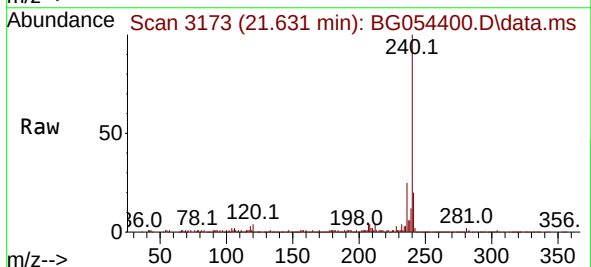
Instrument :
BNA_G
ClientSampleId :
FIELD-DUPLICATE-01

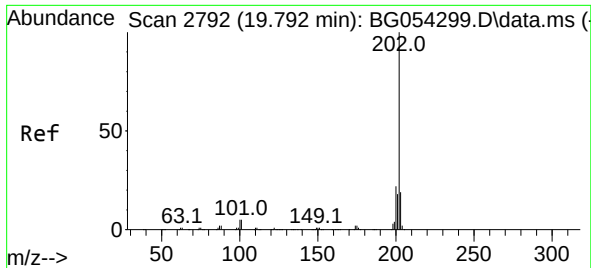
Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.6	0.0	26.9
203	19.8	0.0	37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.631 min Scan# 3173
Delta R.T. -0.012 min
Lab File: BG054400.D
Acq: 26 Jul 2022 16:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	3.9	4.6	7.0#
236	24.5	20.2	30.4

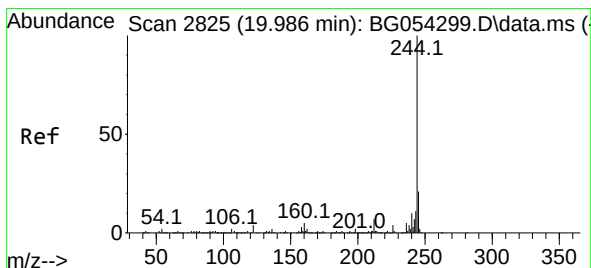
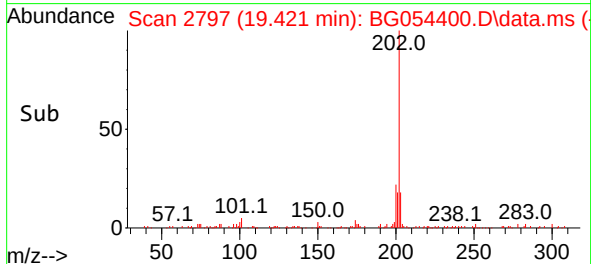
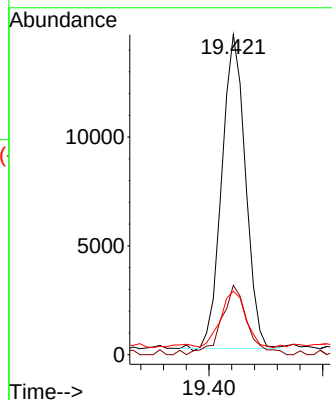
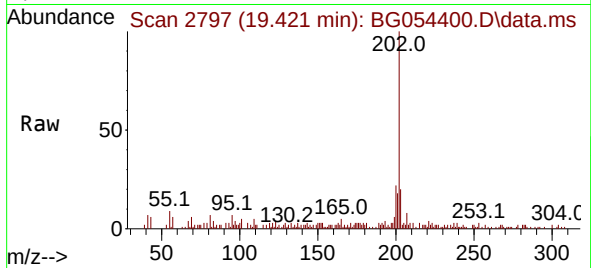




#78
Pyrene
Concen: 2.514 ng
RT: 19.421 min Scan# 21
Delta R.T. -0.370 min
Lab File: BG054400.D
Acq: 26 Jul 2022 16:13

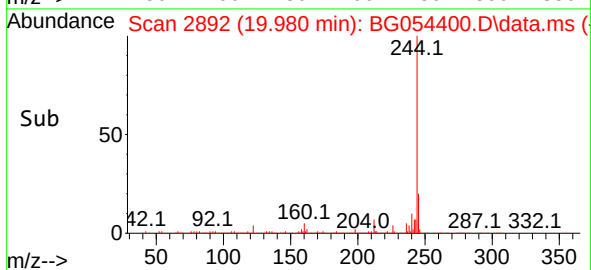
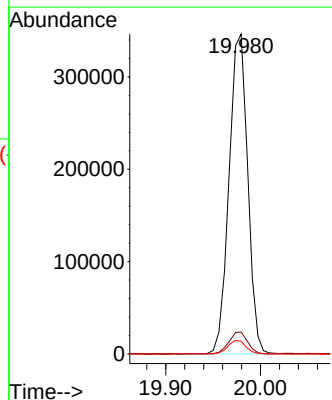
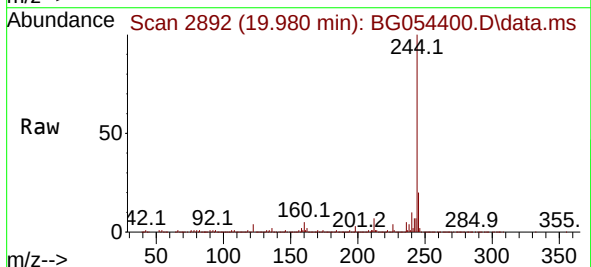
Instrument :
BNA_G
ClientSampleId :
FIELD-DUPLICATE-01

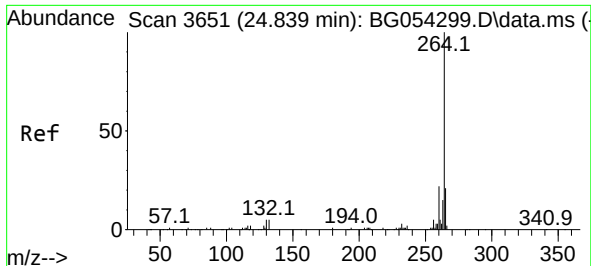
Tgt Ion:202 Resp: 20838
Ion Ratio Lower Upper
202 100
200 21.7 16.6 24.8
203 19.8 14.6 21.8



#79
Terphenyl-d14
Concen: 65.216 ng
RT: 19.980 min Scan# 2892
Delta R.T. -0.006 min
Lab File: BG054400.D
Acq: 26 Jul 2022 16:13

Tgt Ion:244 Resp: 474925
Ion Ratio Lower Upper
244 100
212 6.9 6.5 9.7
122 4.0 5.0 7.4#

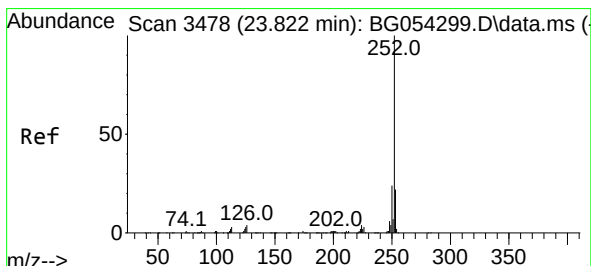
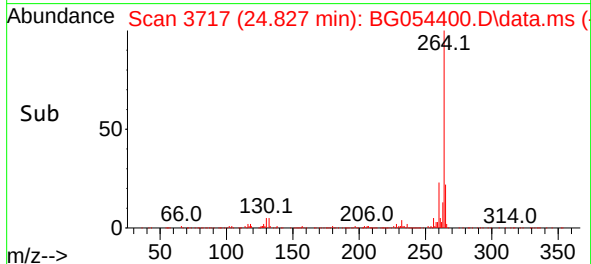
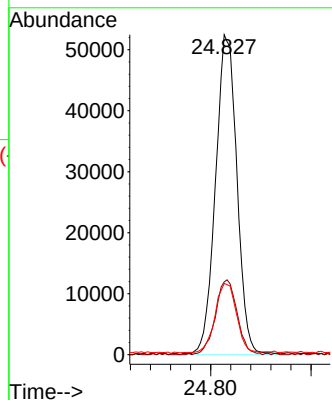
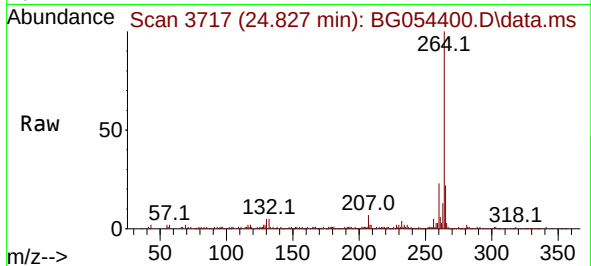




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.827 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BG054400.D
 Acq: 26 Jul 2022 16:13

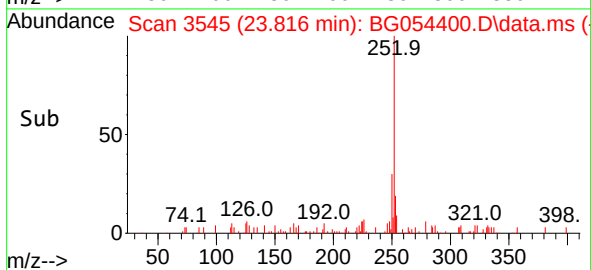
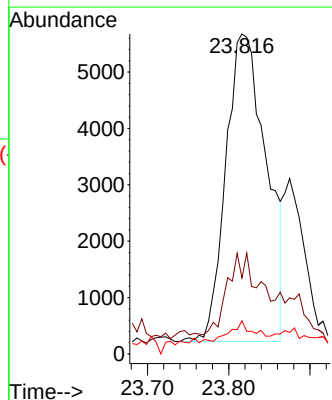
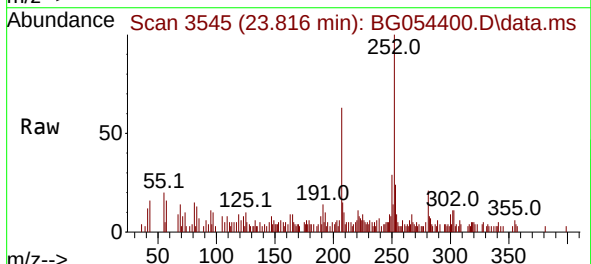
Instrument :
 BNA_G
 ClientSampleId :
 FIELD-DUPLICATE-01

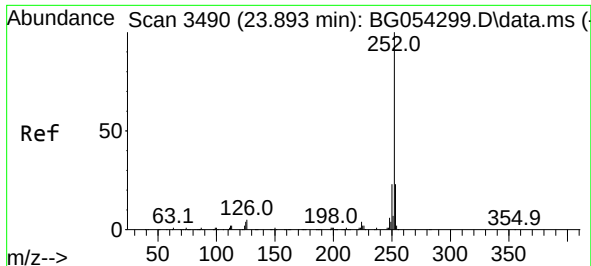
Tgt Ion:264 Resp: 155758
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.6
 265 22.2 17.4 26.2



#88
 Benzo(b)fluoranthene
 Concen: 2.052 ng
 RT: 23.816 min Scan# 3545
 Delta R.T. -0.006 min
 Lab File: BG054400.D
 Acq: 26 Jul 2022 16:13

Tgt Ion:252 Resp: 18898
 Ion Ratio Lower Upper
 252 100
 253 23.7 18.0 27.0
 125 10.4 4.6 6.8#





#89

Benzo(k)fluoranthene

Concen: 2.061 ng

RT: 23.816 min Scan# 3

Delta R.T. -0.077 min

Lab File: BG054400.D

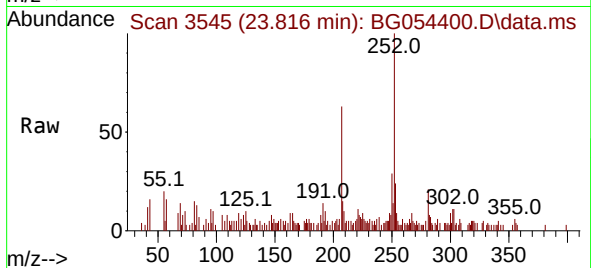
Acq: 26 Jul 2022 16:13

Instrument :

BNA_G

ClientSampleId :

FIELD-DUPLICATE-01



Tgt Ion:252 Resp: 18898

Ion Ratio Lower Upper

252 100

253 23.7 18.4 27.6

125 10.4 4.8 7.2#

