

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072722\
 Data File : BG054413.D
 Acq On : 27 Jul 2022 12:49
 Operator : CG/JU
 Sample : N3888-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-2ND-TP

Quant Time: Jul 28 04:33:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

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

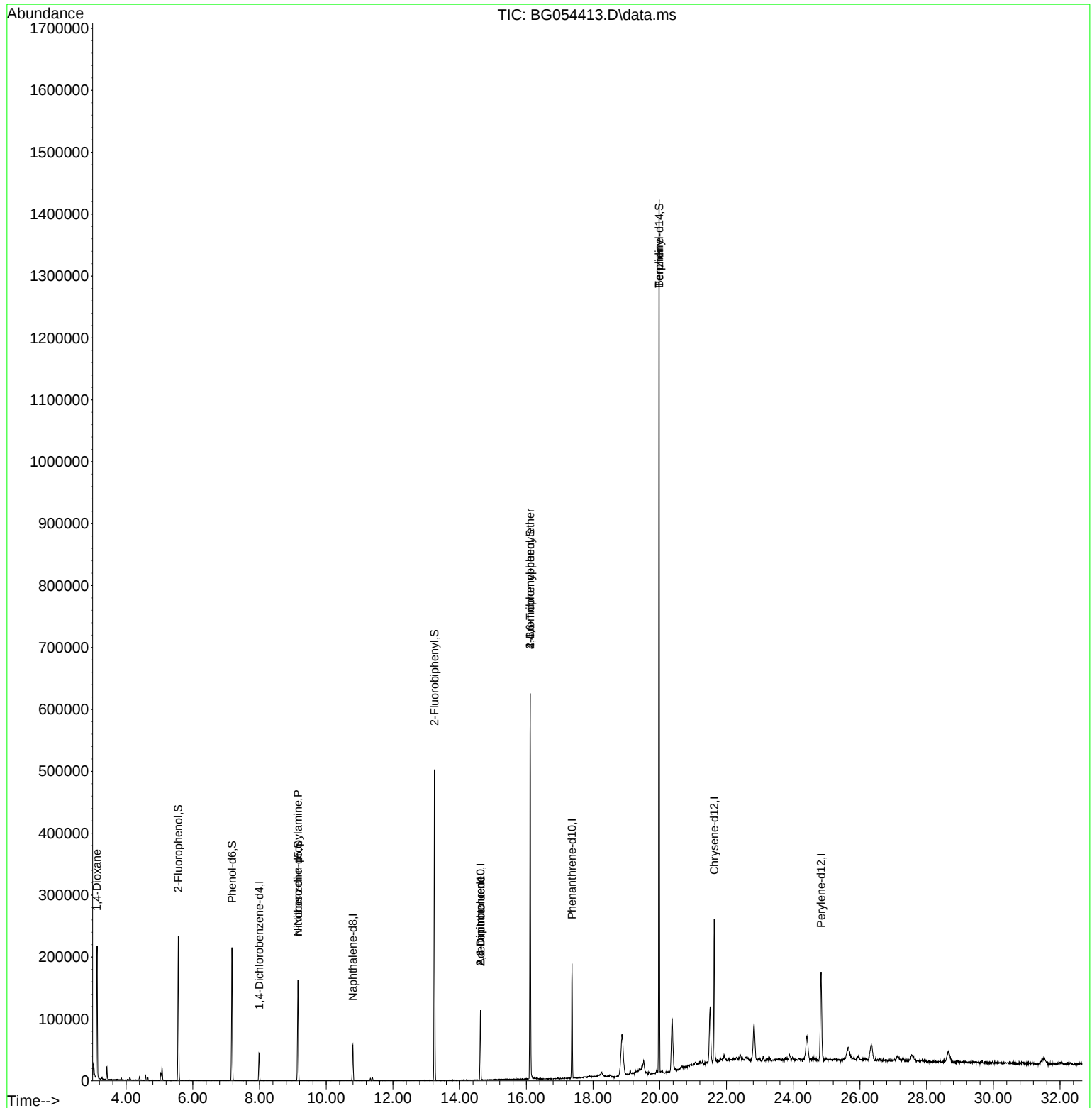
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.988	152	14632	20.000	ng	0.00
21) Naphthalene-d8	10.797	136	53551	20.000	ng	# 0.00
39) Acenaphthene-d10	14.622	164	42984	20.000	ng	0.00
64) Phenanthrene-d10	17.366	188	130347	20.000	ng	# 0.00
76) Chrysene-d12	21.631	240	154071	20.000	ng	# 0.00
86) Perylene-d12	24.833	264	165369	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.562	112	102178	145.801	ng	0.00
7) Phenol-d6	7.172	99	119471	124.413	ng	0.00
23) Nitrobenzene-d5	9.152	82	98049	99.708	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	166218	184.174	ng	0.00
45) 2-Fluorobiphenyl	13.247	172	299907	98.427	ng	0.00
79) Terphenyl-d14	19.980	244	832474	107.188	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.123	88	2166	7.769	ng	# 1
9) Benzaldehyde	7.178	77	60	Below Cal		# 10
19) n-Nitroso-di-n-propyla...	9.152	70	14302	22.303	ng	# 77
51) 2,6-Dinitrotoluene	14.622	165	6163	8.369	ng	# 16
57) 2,4-Dinitrotoluene	14.622	165	6163	5.838	ng	# 21
67) 4-Bromophenyl-phenylether	16.114	248	10050	5.490	ng	# 1
77) Benizidine	19.980	184	11382	4.079	ng	# 91

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

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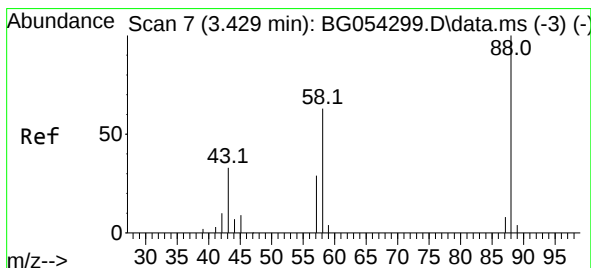
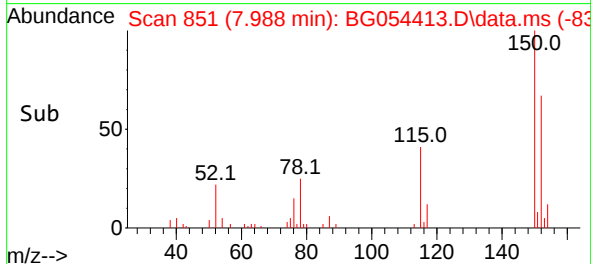
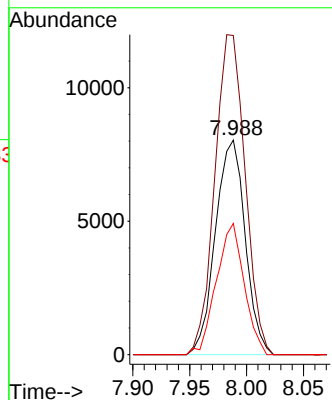
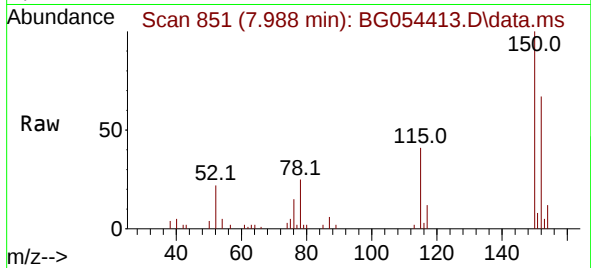




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.988 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BG054413.D
 Acq: 27 Jul 2022 12:49

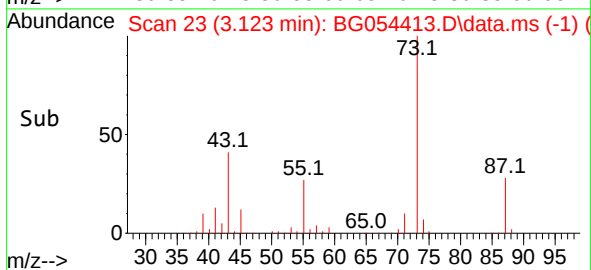
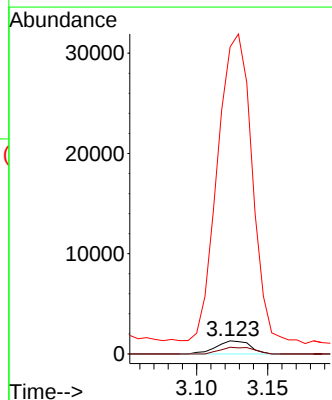
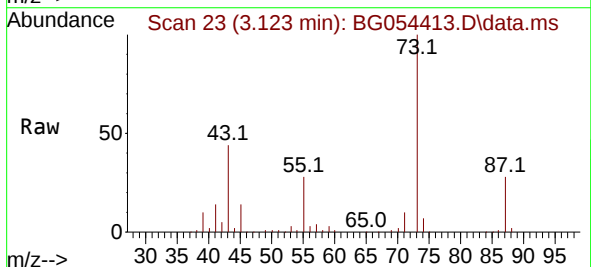
Instrument :
 BNA_G
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 S-2ND-TP

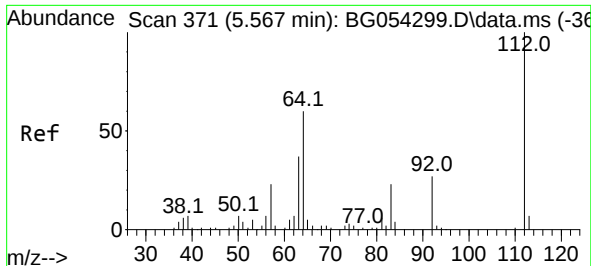
Tgt Ion:152 Resp: 14632
 Ion Ratio Lower Upper
 152 100
 150 148.8 131.6 197.4
 115 61.1 50.9 76.3



#2
 1,4-Dioxane
 Concen: 7.769 ng
 RT: 3.123 min Scan# 23
 Delta R.T. -0.294 min
 Lab File: BG054413.D
 Acq: 27 Jul 2022 12:49

Tgt Ion: 88 Resp: 2166
 Ion Ratio Lower Upper
 88 100
 58 50.7 59.2 88.8#
 43 2426.3 24.3 36.5#

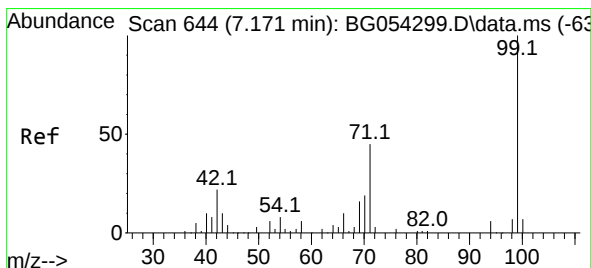
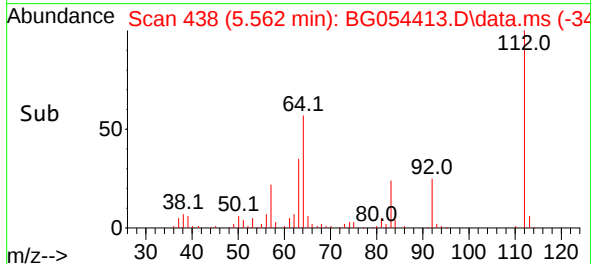
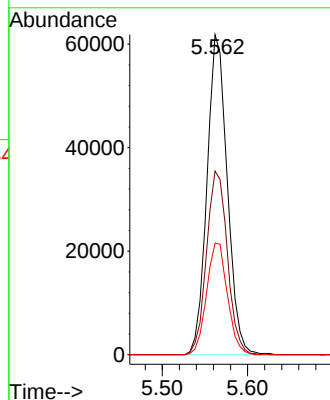
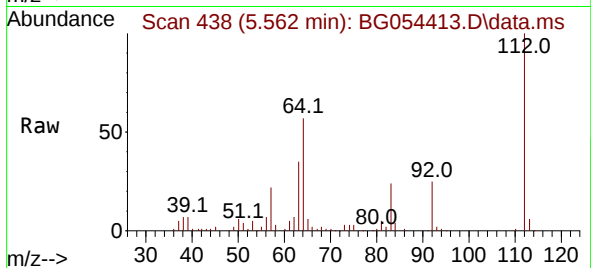




#5
2-Fluorophenol
Concen: 145.801 ng
RT: 5.562 min Scan# 41
Delta R.T. 0.000 min
Lab File: BG054413.D
Acq: 27 Jul 2022 12:49

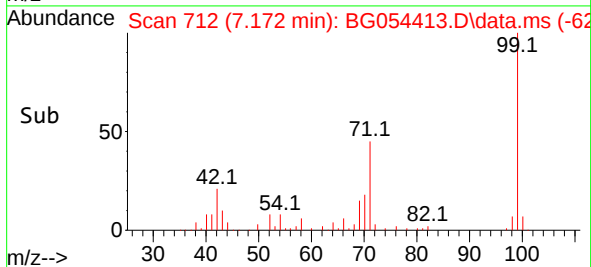
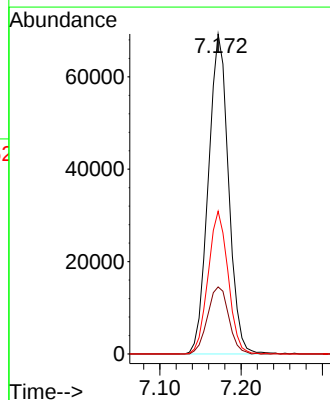
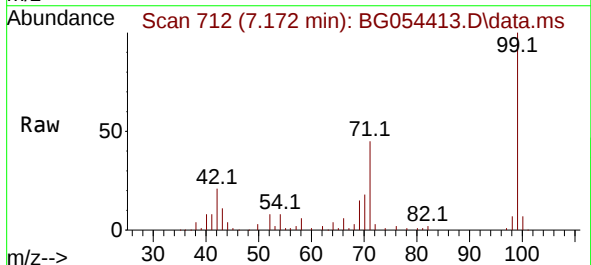
Instrument :
BNA_G
ClientSampleId :
S-2ND-TP

Tgt Ion:112 Resp: 102178
Ion Ratio Lower Upper
112 100
64 57.4 55.1 82.7
63 34.9 30.4 45.6



#7
Phenol-d6
Concen: 124.413 ng
RT: 7.172 min Scan# 712
Delta R.T. 0.000 min
Lab File: BG054413.D
Acq: 27 Jul 2022 12:49

Tgt Ion: 99 Resp: 119471
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 44.6 33.8 50.8





#19

n-Nitroso-di-n-propylamine

Concen: 22.303 ng

RT: 9.152 min Scan# 1

Delta R.T. 0.358 min

Lab File: BG054413.D

Acq: 27 Jul 2022 12:49

Instrument :

BNA_G

ClientSampleId :

S-2ND-TP

Tgt Ion: 70 Resp: 14302

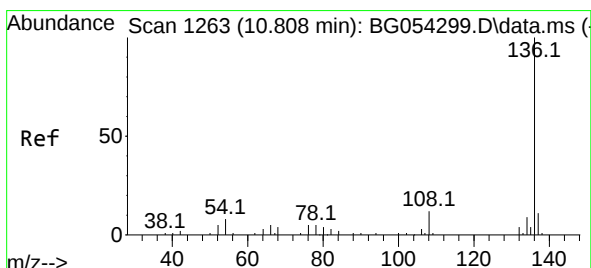
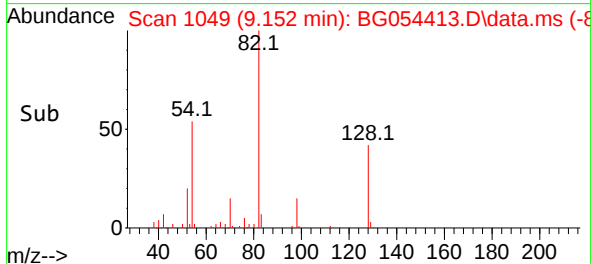
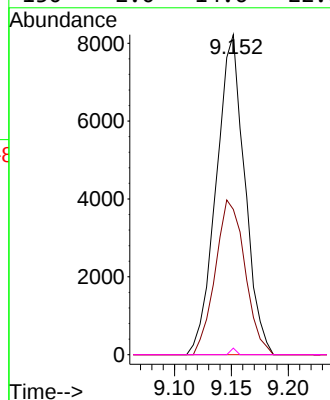
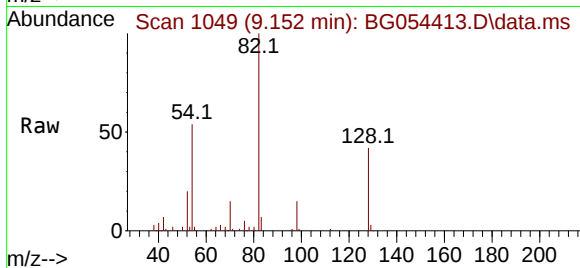
Ion Ratio Lower Upper

70 100

42 45.4 47.3 70.9#

101 0.0 7.0 10.4#

130 2.0 14.6 22.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.797 min Scan# 1329

Delta R.T. 0.000 min

Lab File: BG054413.D

Acq: 27 Jul 2022 12:49

Tgt Ion:136 Resp: 53551

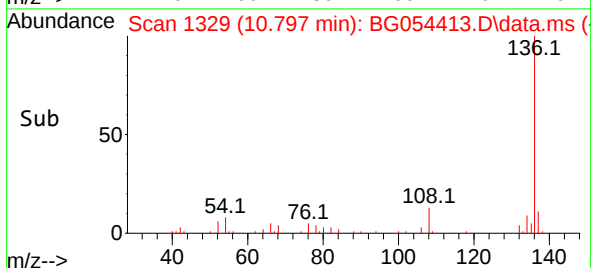
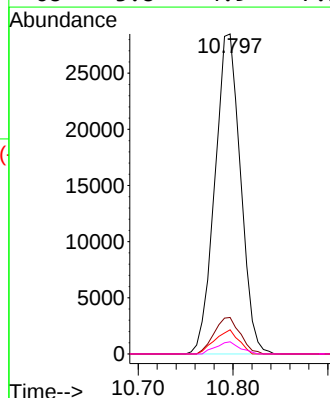
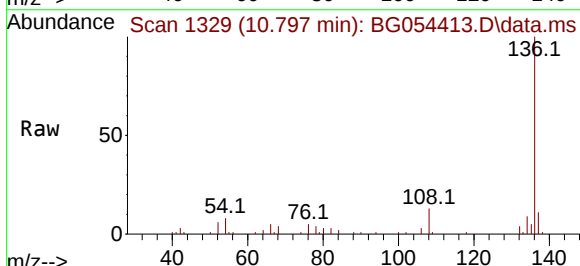
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 7.5 7.4 11.2

68 3.8 4.9 7.3#

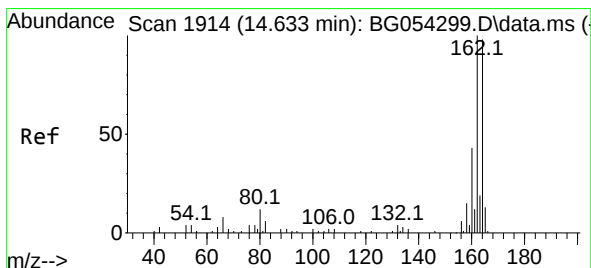
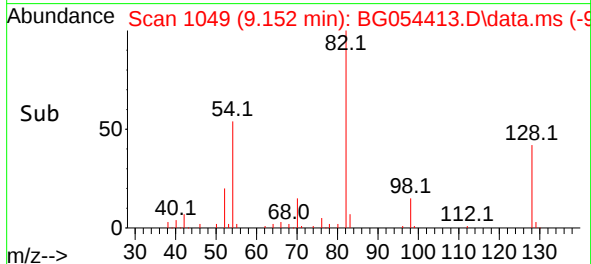
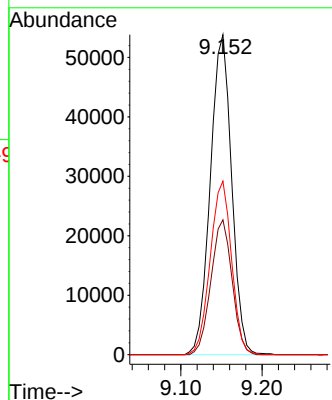
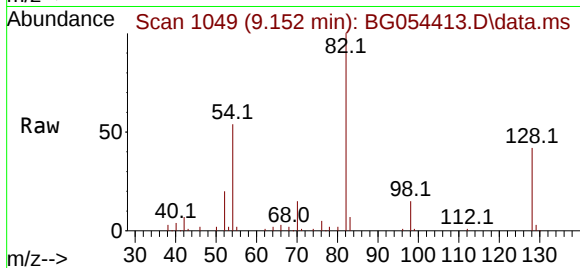




#23
Nitrobenzene-d5
Concen: 99.708 ng
RT: 9.152 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BG054413.D
Acq: 27 Jul 2022 12:49

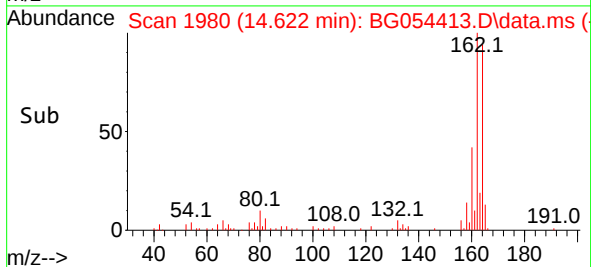
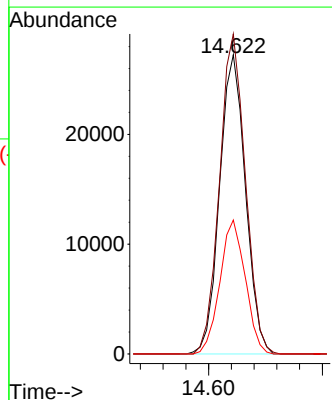
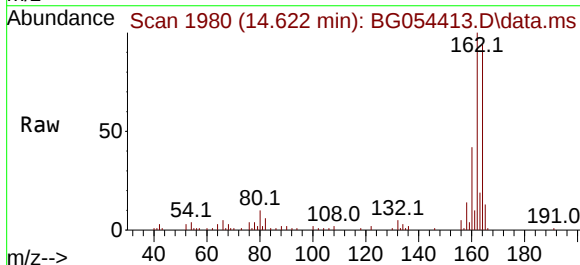
Instrument :
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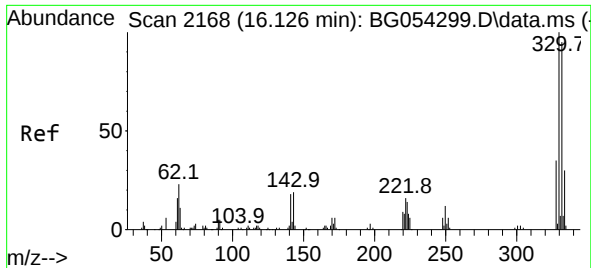
Tgt Ion: 82 Resp: 98049
Ion Ratio Lower Upper
82 100
128 42.2 27.9 41.9#
54 54.2 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.622 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BG054413.D
Acq: 27 Jul 2022 12:49

Tgt Ion:164 Resp: 42984
Ion Ratio Lower Upper
164 100
162 106.9 82.3 123.5
160 44.8 34.2 51.2

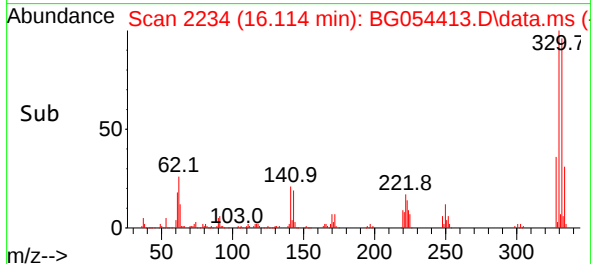
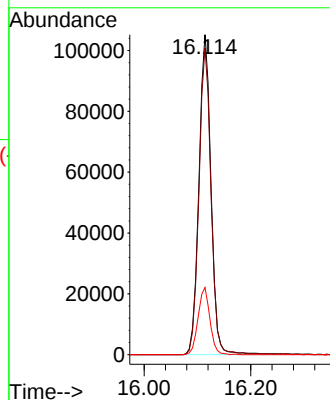
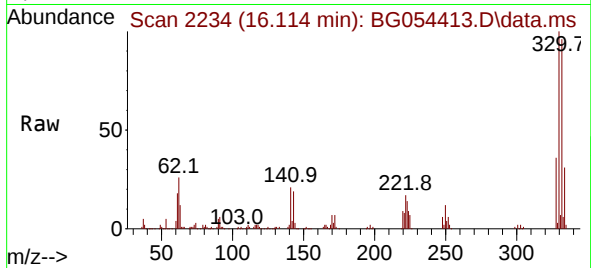




#42
2,4,6-Tribromophenol
Concen: 184.174 ng
RT: 16.114 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BG054413.D
Acq: 27 Jul 2022 12:49

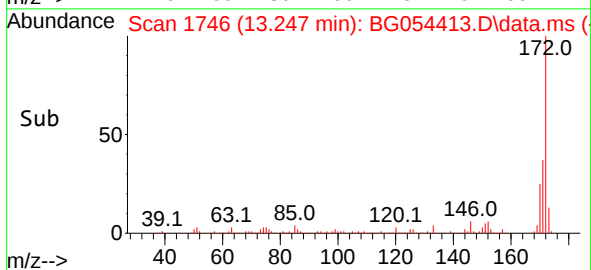
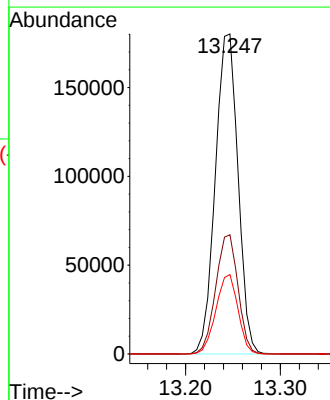
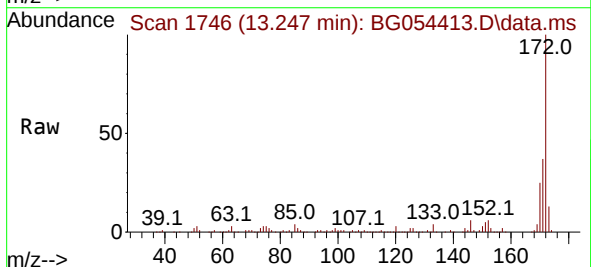
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BNA_G
ClientSampleId :
S-2ND-TP

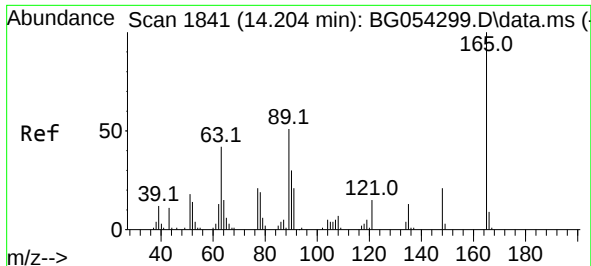
Tgt Ion:330 Resp: 166218
Ion Ratio Lower Upper
330 100
332 95.0 76.0 114.0
141 20.4 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 98.427 ng
RT: 13.247 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BG054413.D
Acq: 27 Jul 2022 12:49

Tgt Ion:172 Resp: 299907
Ion Ratio Lower Upper
172 100
171 37.3 28.5 42.7
170 24.8 18.9 28.3

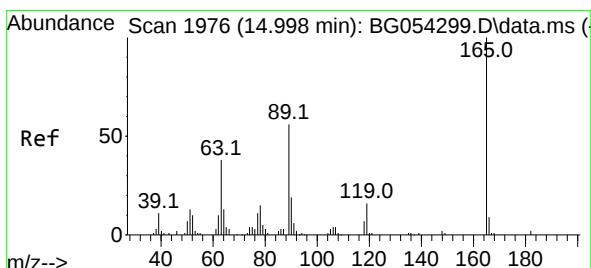
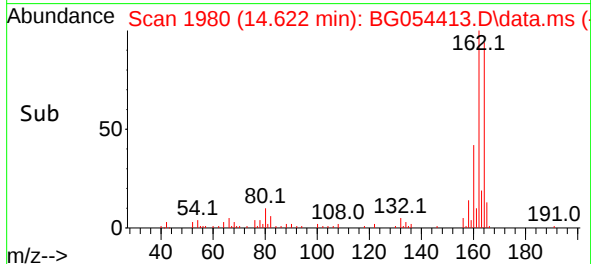
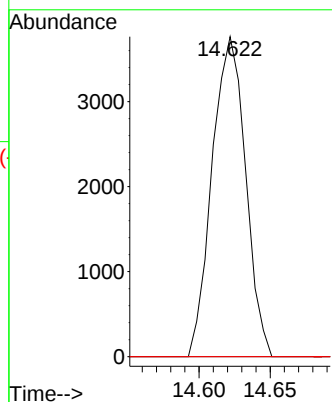
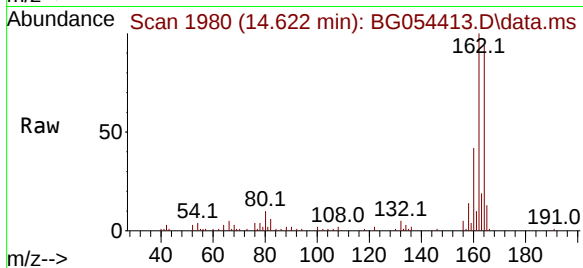




#51
2,6-Dinitrotoluene
Concen: 8.369 ng
RT: 14.622 min Scan# 1980
Delta R.T. 0.423 min
Lab File: BG054413.D
Acq: 27 Jul 2022 12:49

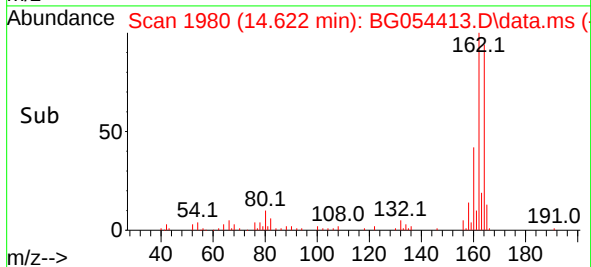
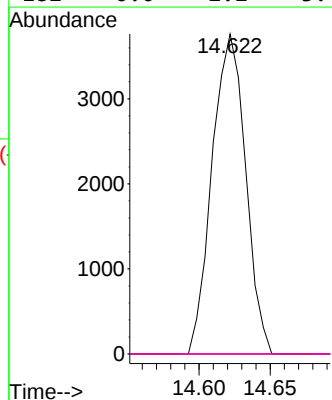
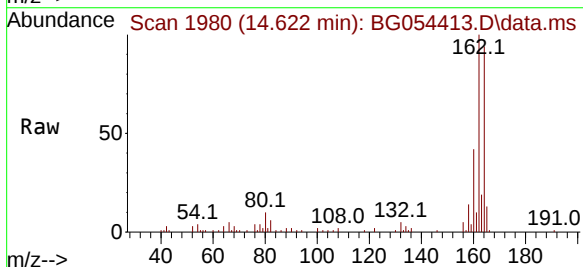
Instrument :
BNA_G
ClientSampleId :
S-2ND-TP

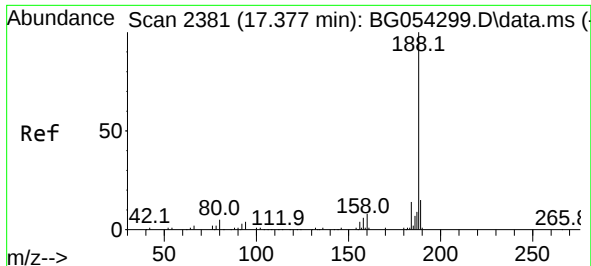
Tgt Ion:165 Resp: 6163
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.838 ng
RT: 14.622 min Scan# 1980
Delta R.T. -0.370 min
Lab File: BG054413.D
Acq: 27 Jul 2022 12:49

Tgt Ion:165 Resp: 6163
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#

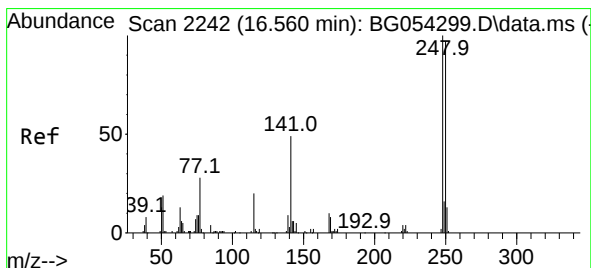
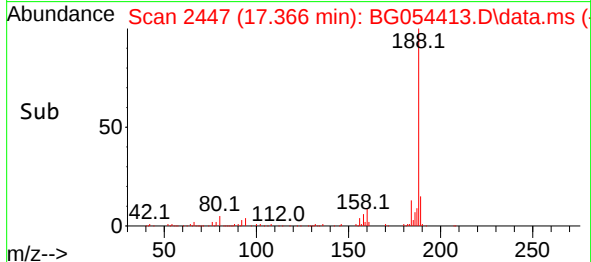
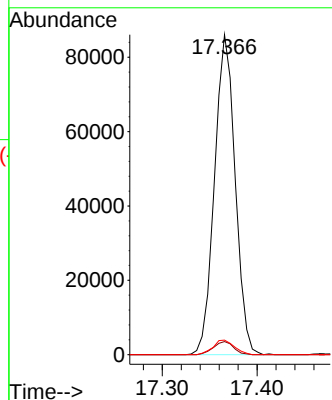
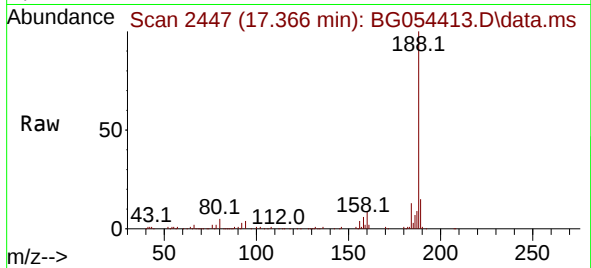




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.366 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BG054413.D
Acq: 27 Jul 2022 12:49

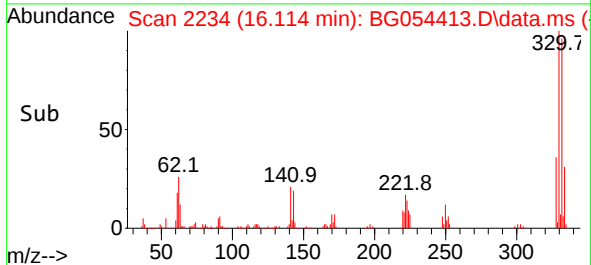
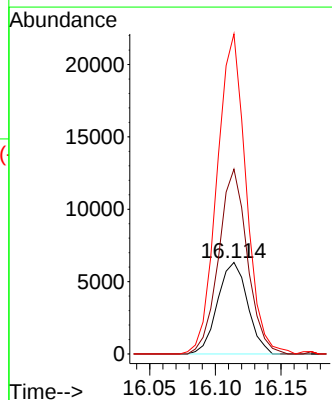
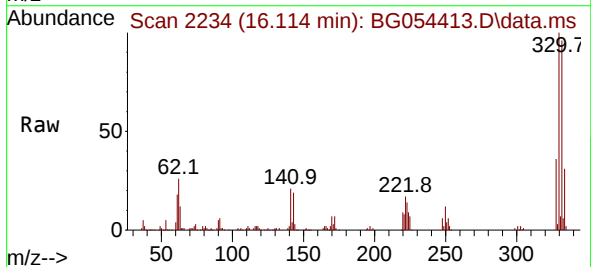
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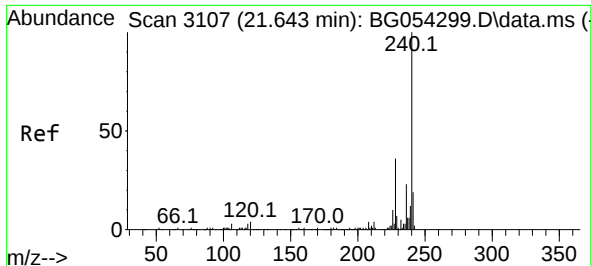
Tgt Ion:188 Resp: 130347
Ion Ratio Lower Upper
188 100
94 4.1 5.4 8.0#
80 4.5 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 5.490 ng
RT: 16.114 min Scan# 2234
Delta R.T. -0.441 min
Lab File: BG054413.D
Acq: 27 Jul 2022 12:49

Tgt Ion:248 Resp: 10050
Ion Ratio Lower Upper
248 100
250 197.6 75.2 112.8#
141 264.2 50.0 75.0#

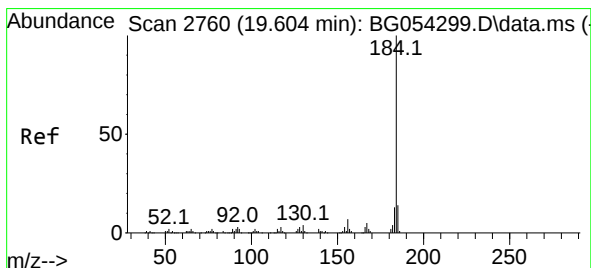
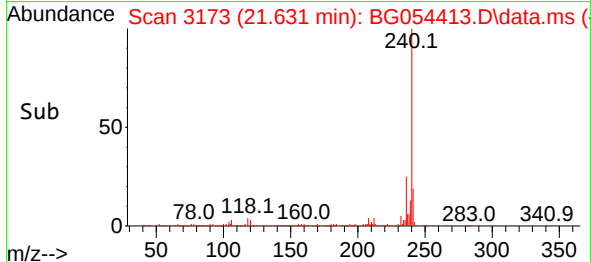
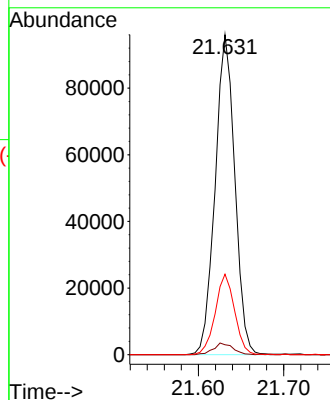
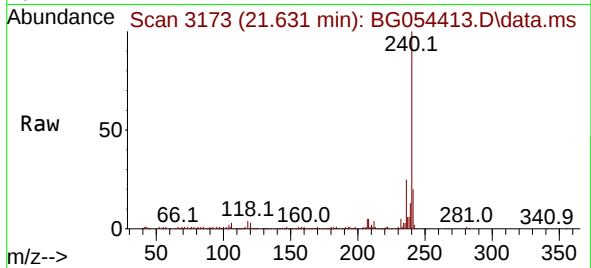




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.631 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG054413.D
Acq: 27 Jul 2022 12:49

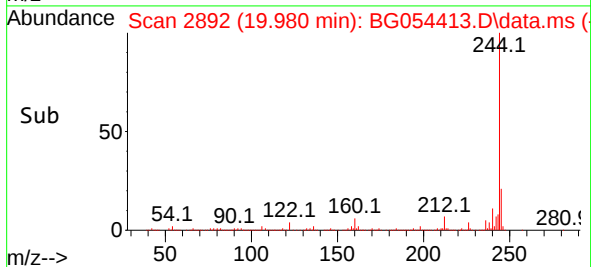
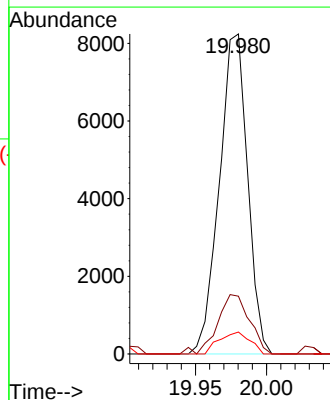
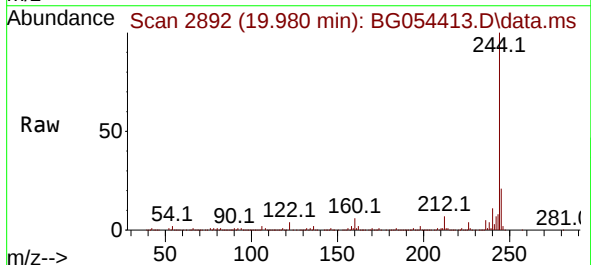
Instrument :
BNA_G
ClientSampleId :
S-2ND-TP

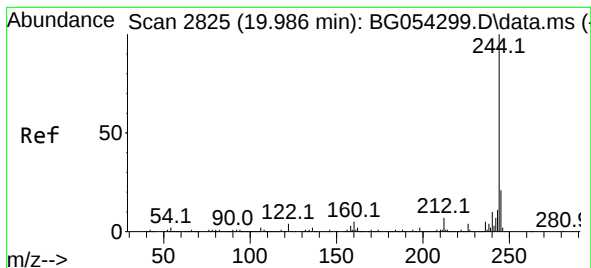
Tgt Ion:240 Resp: 154071
Ion Ratio Lower Upper
240 100
120 3.1 4.6 7.0#
236 25.2 20.2 30.4



#77
Benzidine
Concen: 4.079 ng
RT: 19.980 min Scan# 2892
Delta R.T. 0.382 min
Lab File: BG054413.D
Acq: 27 Jul 2022 12:49

Tgt Ion:184 Resp: 11382
Ion Ratio Lower Upper
184 100
185 18.0 11.8 17.6#
183 6.8 8.9 13.3#





#79

Terphenyl-d14

Concen: 107.188 ng

RT: 19.980 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG054413.D

Acq: 27 Jul 2022 12:49

Instrument :

BNA_G

ClientSampleId :

S-2ND-TP

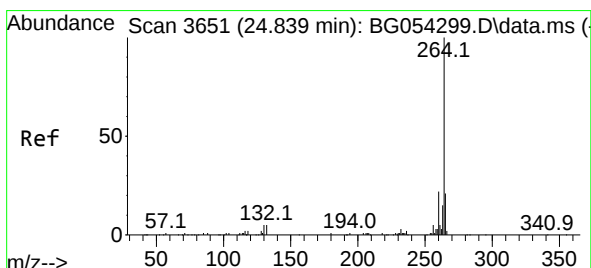
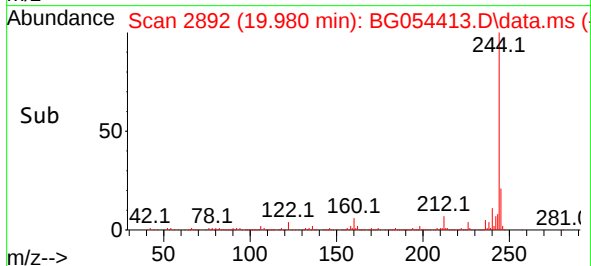
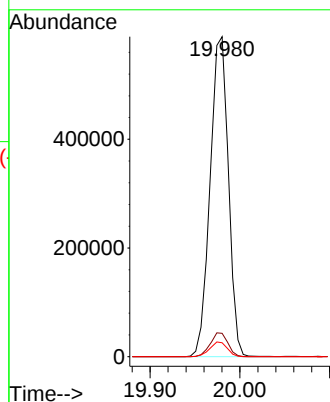
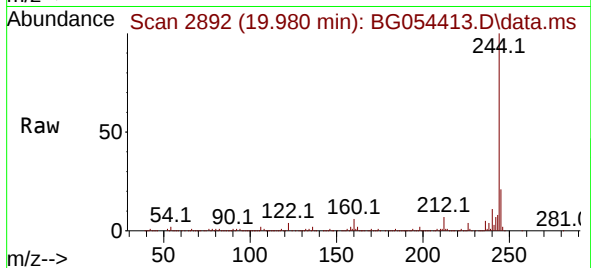
Tgt Ion:244 Resp: 832474

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

122 4.4 5.0 7.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.833 min Scan# 3718

Delta R.T. 0.000 min

Lab File: BG054413.D

Acq: 27 Jul 2022 12:49

Tgt Ion:264 Resp: 165369

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 22.8 17.4 26.2

