

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
 Data File : BG055413.D
 Acq On : 2 Nov 2022 13:20
 Operator : CG/JU
 Sample : N5385-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 251563-5

Quant Time: Nov 03 06:08:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 05:05:12 2022
 Response via : Initial Calibration

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

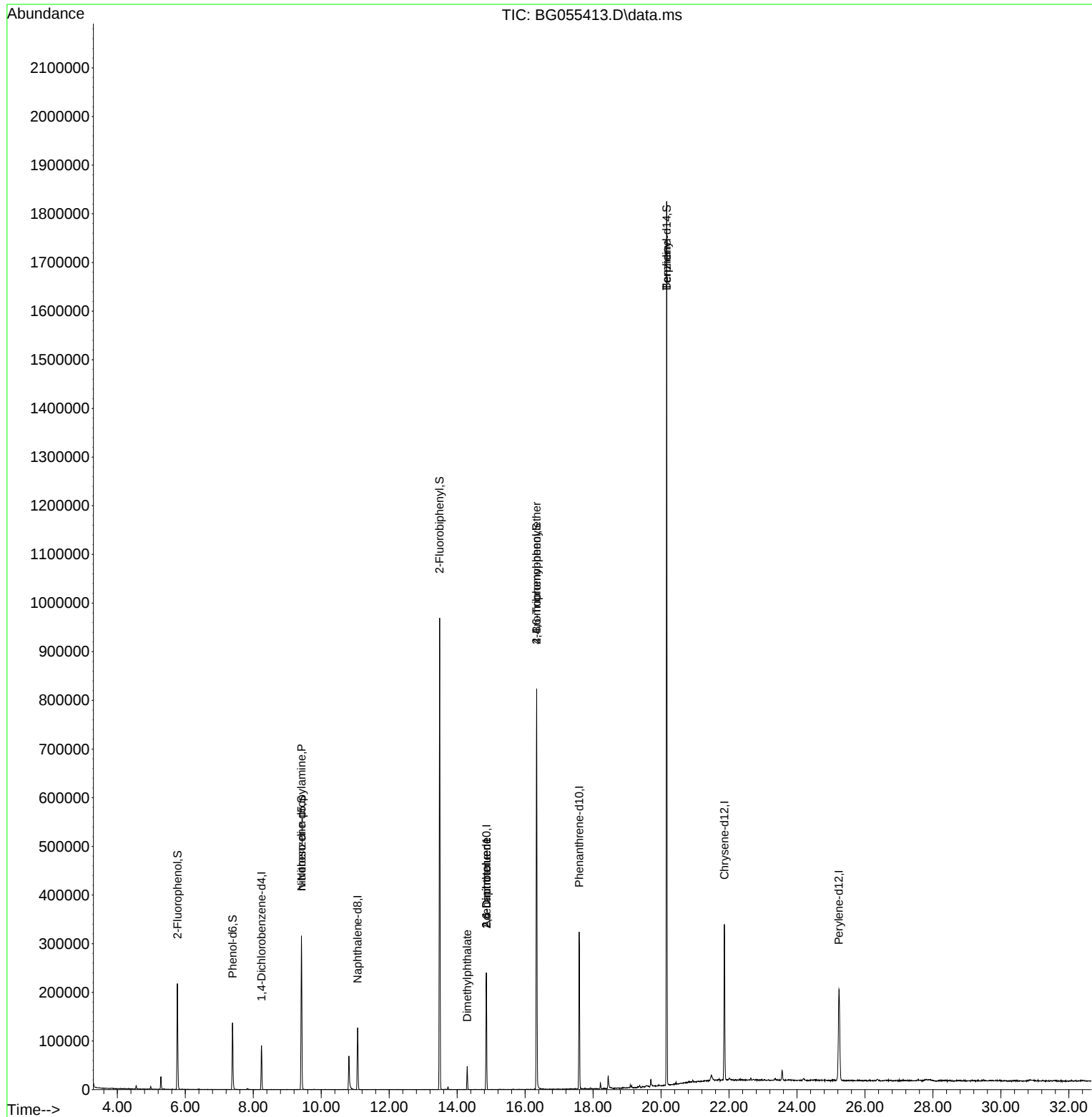
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	27124	20.000	ng	0.00
21) Naphthalene-d8	11.068	136	117786	20.000	ng	0.00
39) Acenaphthene-d10	14.857	164	86509	20.000	ng	0.00
64) Phenanthrene-d10	17.589	188	204841	20.000	ng	0.00
76) Chrysene-d12	21.861	240	204558	20.000	ng	-0.01
86) Perylene-d12	25.233	264	218089	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.768	112	105646	69.947	ng	0.00
7) Phenol-d6	7.389	99	89104	42.542	ng	0.00
23) Nitrobenzene-d5	9.416	82	195924	88.650	ng	0.00
42) 2,4,6-Tribromophenol	16.338	330	180734	153.164	ng	0.00
45) 2-Fluorobiphenyl	13.482	172	502813	86.176	ng	0.00
79) Terphenyl-d14	20.163	244	882475	83.888	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.416	70	25624	15.656	ng	Qvalue # 80
50) Dimethylphthalate	14.293	163	33336	4.617	ng	97
51) 2,6-Dinitrotoluene	14.857	165	11255	7.445	ng	# 27
57) 2,4-Dinitrotoluene	14.857	165	11255	5.207	ng	# 25
67) 4-Bromophenyl-phenylether	16.338	248	11377	4.698	ng	# 1
77) Benzydine	20.163	184	12685	2.979	ng	# 90

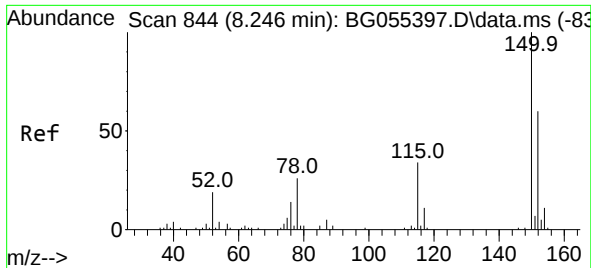
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
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QLast Update : Wed Nov 02 05:05:12 2022
Response via : Initial Calibration

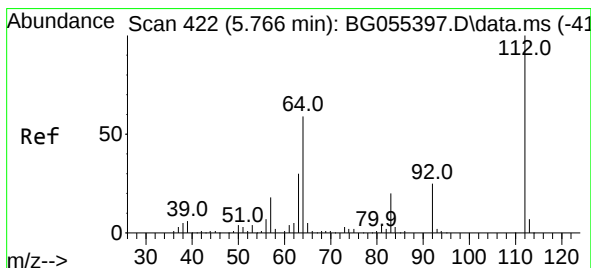
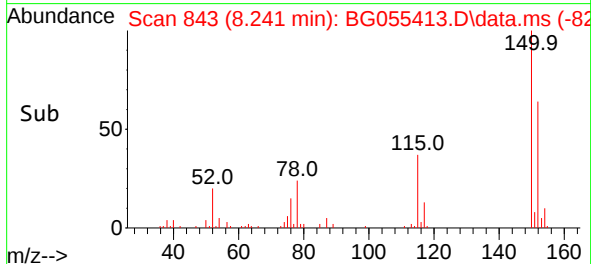
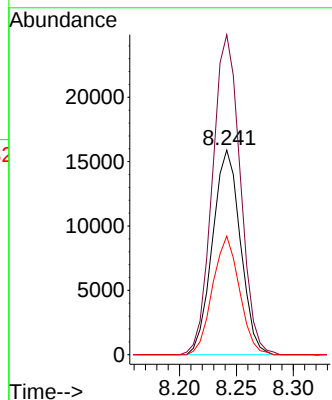
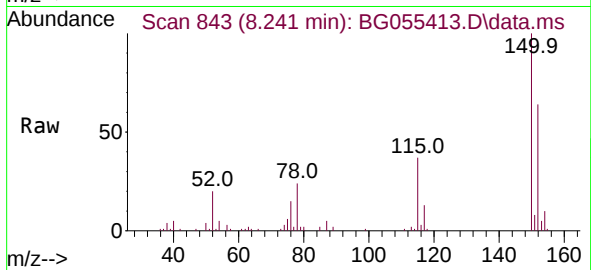




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.241 min Scan# 844
Delta R.T. -0.005 min
Lab File: BG055413.D
Acq: 2 Nov 2022 13:20

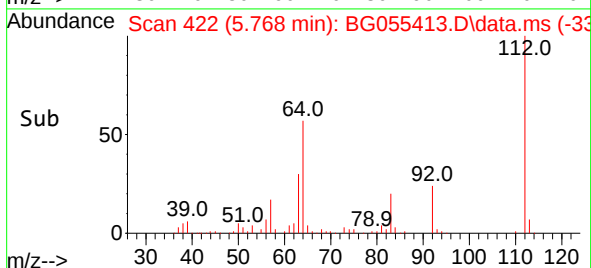
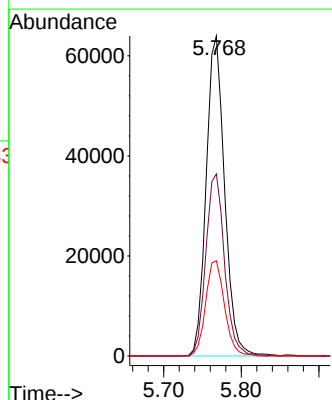
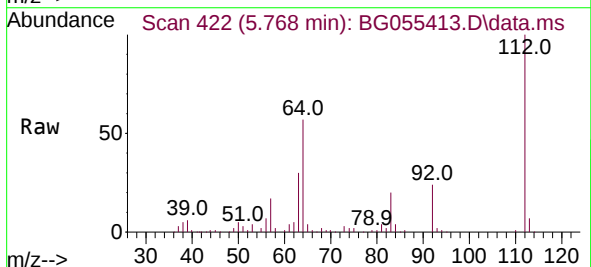
Instrument :
BNA_G
ClientSampleId :
251563-5

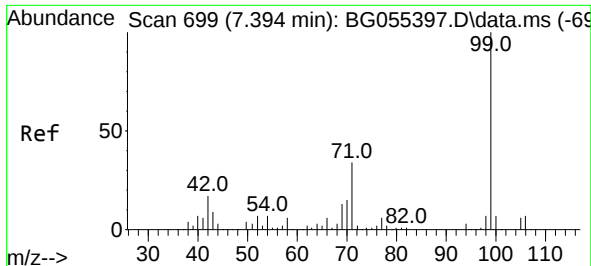
Tgt Ion:152 Resp: 27124
Ion Ratio Lower Upper
152 100
150 156.3 132.8 199.2
115 57.9 45.1 67.7



#5
2-Fluorophenol
Concen: 69.947 ng
RT: 5.768 min Scan# 422
Delta R.T. 0.001 min
Lab File: BG055413.D
Acq: 2 Nov 2022 13:20

Tgt Ion:112 Resp: 105646
Ion Ratio Lower Upper
112 100
64 56.9 47.2 70.8
63 29.8 24.3 36.5

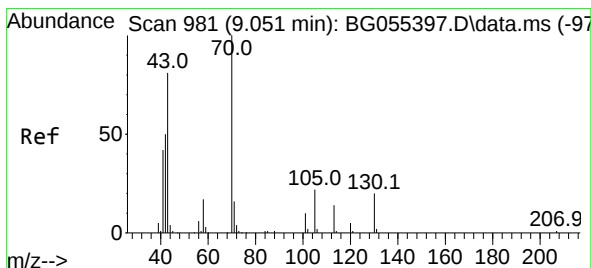
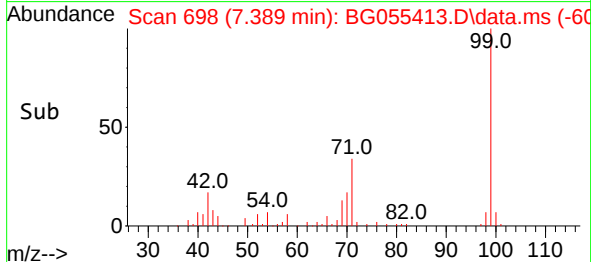
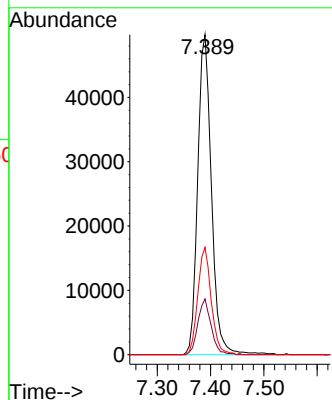
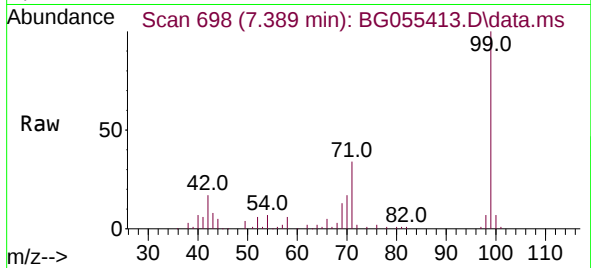




#7
Phenol-d6
Concen: 42.542 ng
RT: 7.389 min Scan# 699
Delta R.T. -0.005 min
Lab File: BG055413.D
Acq: 2 Nov 2022 13:20

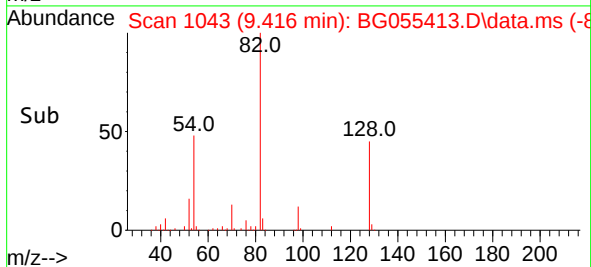
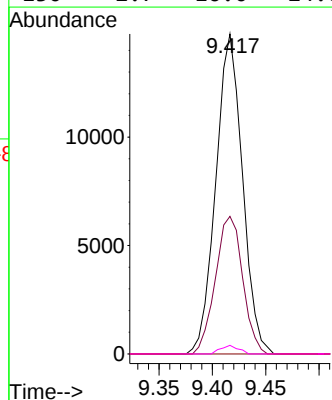
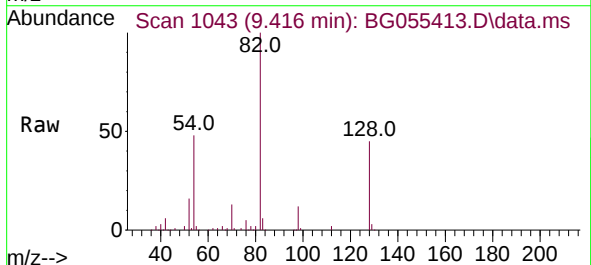
Instrument :
BNA_G
ClientSampleId :
251563-5

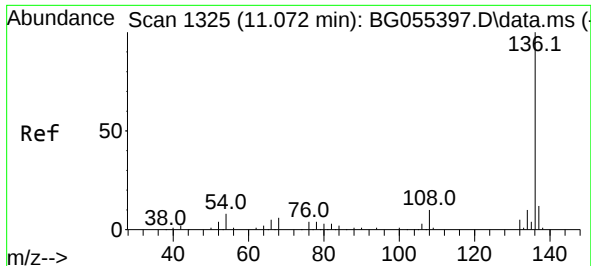
Tgt Ion: 99 Resp: 89104
Ion Ratio Lower Upper
99 100
42 17.5 13.5 20.3
71 33.6 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.656 ng
RT: 9.416 min Scan# 1043
Delta R.T. 0.366 min
Lab File: BG055413.D
Acq: 2 Nov 2022 13:20

Tgt Ion: 70 Resp: 25624
Ion Ratio Lower Upper
70 100
42 43.0 40.6 61.0
101 0.0 7.8 11.6#
130 2.7 16.0 24.0#



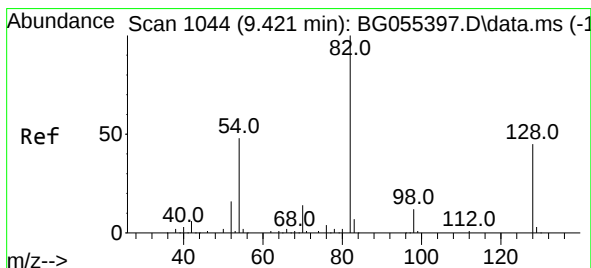
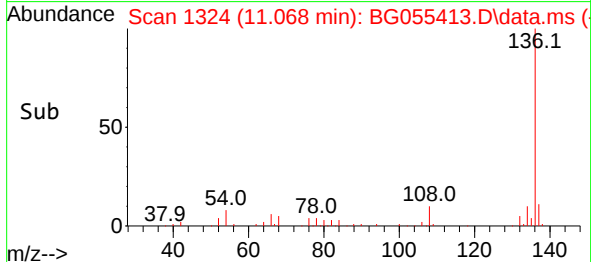
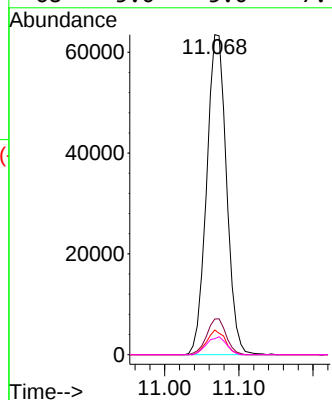
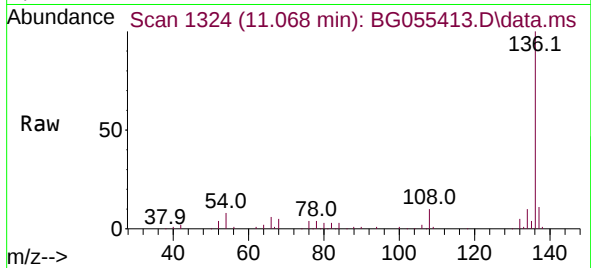


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.068 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055413.D
Acq: 2 Nov 2022 13:20

Instrument :
BNA_G
ClientSampleId :
251563-5

Tgt Ion:136 Resp: 117786

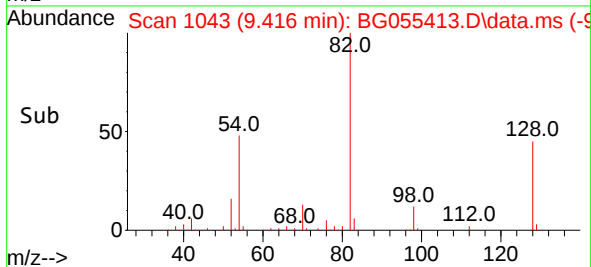
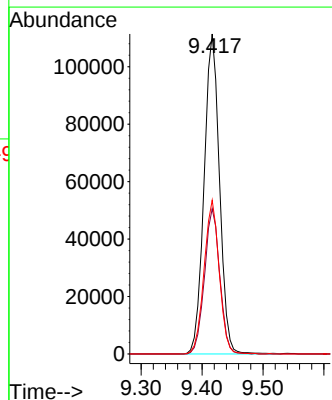
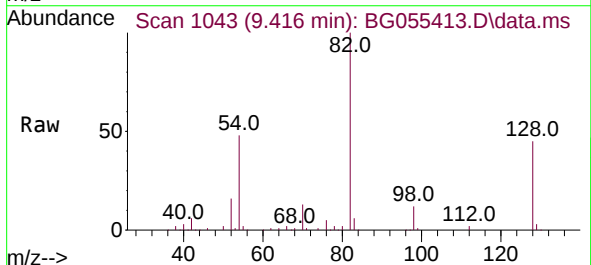
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.2
54	7.7	6.1	9.1
68	5.0	5.0	7.4

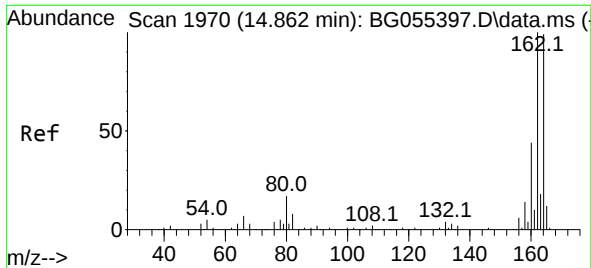


#23
Nitrobenzene-d5
Concen: 88.650 ng
RT: 9.416 min Scan# 1043
Delta R.T. -0.005 min
Lab File: BG055413.D
Acq: 2 Nov 2022 13:20

Tgt Ion: 82 Resp: 195924

Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.8	53.8
54	48.1	38.1	57.1



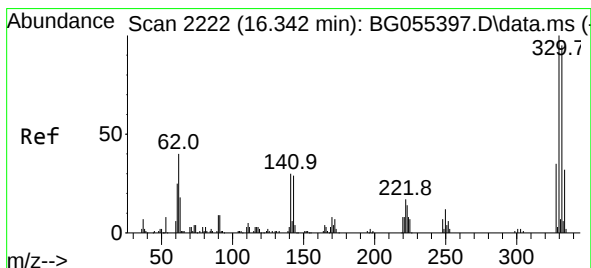
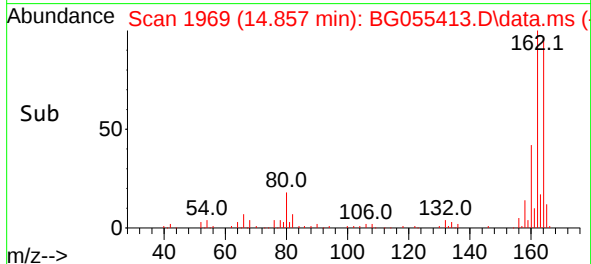
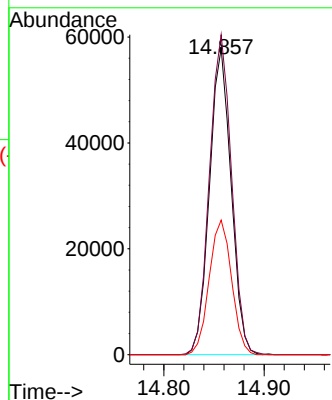
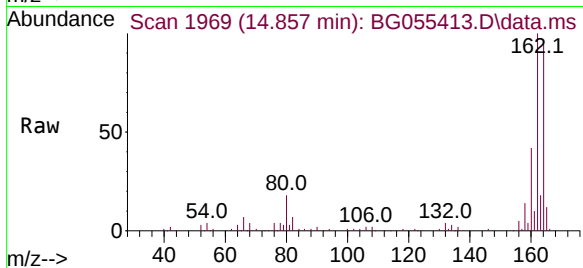


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.857 min Scan# 1969
 Delta R.T. -0.005 min
 Lab File: BG055413.D
 Acq: 2 Nov 2022 13:20

Instrument :
 BNA_G
 ClientSampleId :
 251563-5

Tgt Ion:164 Resp: 86509

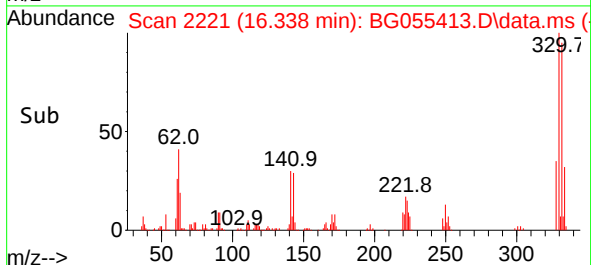
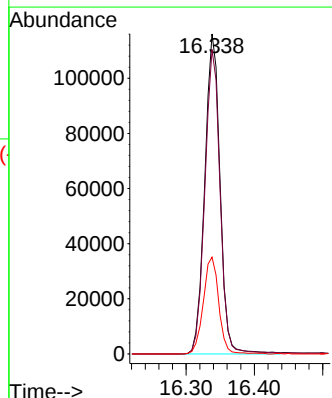
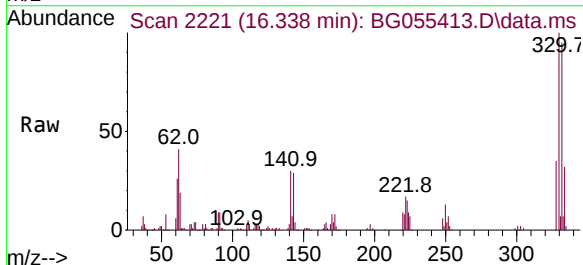
Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.1	121.7
160	43.9	35.8	53.6

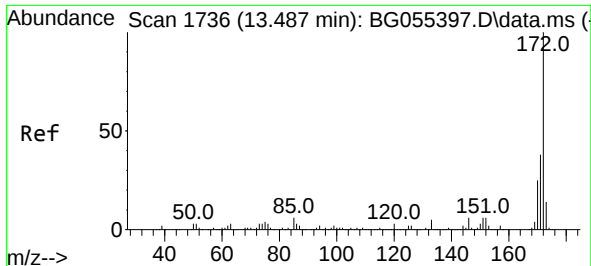


#42
 2,4,6-Tribromophenol
 Concen: 153.164 ng
 RT: 16.338 min Scan# 2221
 Delta R.T. -0.005 min
 Lab File: BG055413.D
 Acq: 2 Nov 2022 13:20

Tgt Ion:330 Resp: 180734

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.8	116.6
141	30.7	24.2	36.2

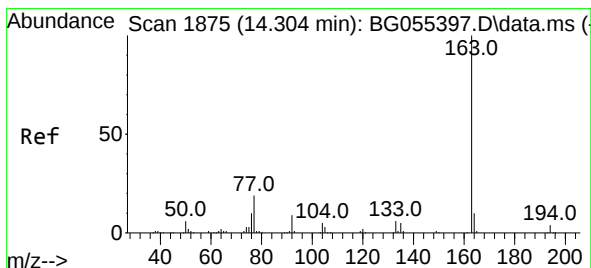
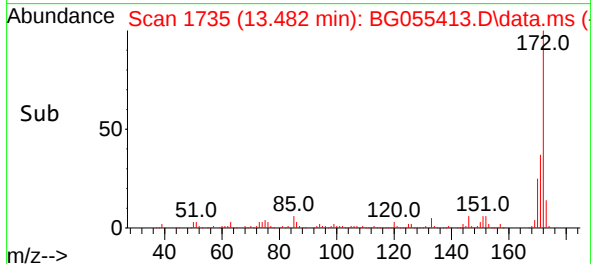
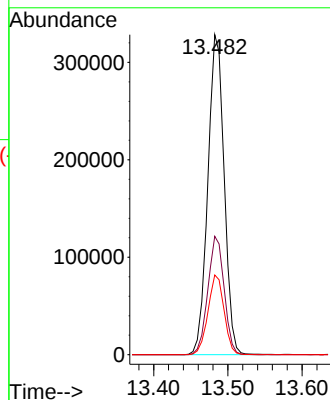
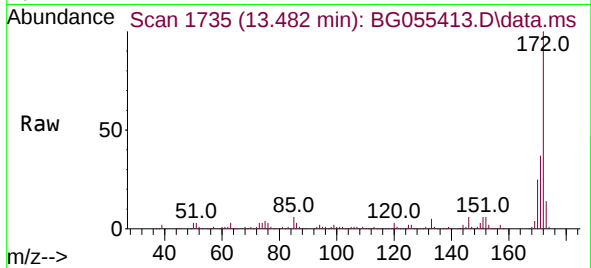




#45
2-Fluorobiphenyl
Concen: 86.176 ng
RT: 13.482 min Scan# 1735
Delta R.T. -0.005 min
Lab File: BG055413.D
Acq: 2 Nov 2022 13:20

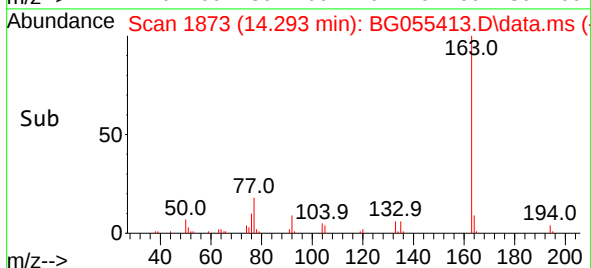
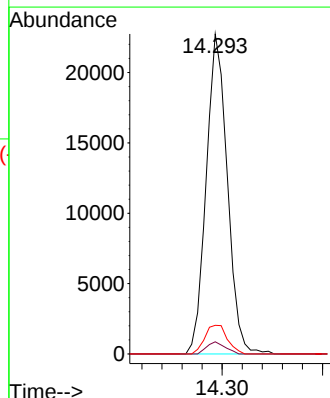
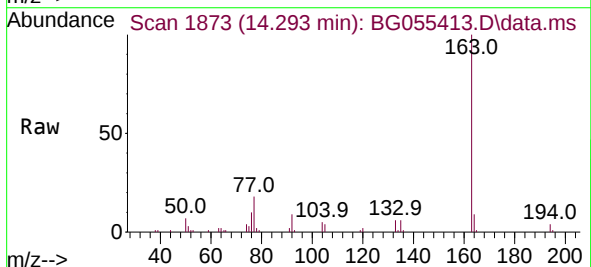
Instrument :
BNA_G
ClientSampleId :
251563-5

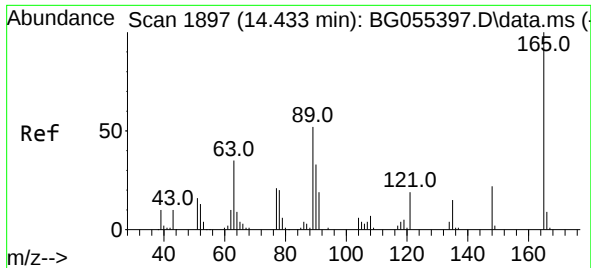
Tgt Ion:172 Resp: 502813
Ion Ratio Lower Upper
172 100
171 37.0 30.2 45.2
170 24.9 20.2 30.2



#50
Dimethylphthalate
Concen: 4.617 ng
RT: 14.293 min Scan# 1873
Delta R.T. -0.011 min
Lab File: BG055413.D
Acq: 2 Nov 2022 13:20

Tgt Ion:163 Resp: 33336
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 8.9 8.2 12.2

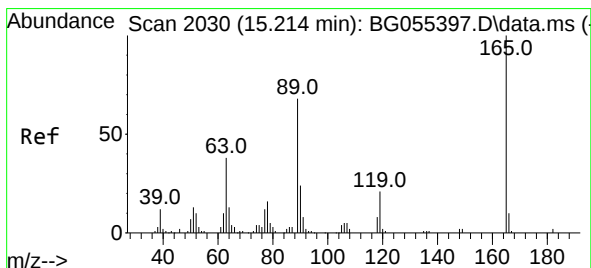
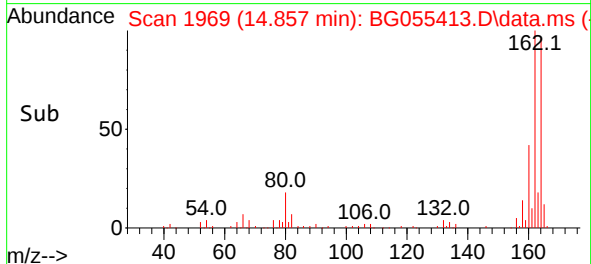
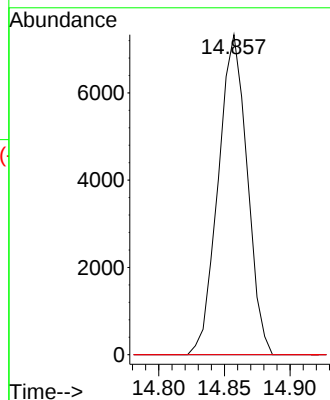
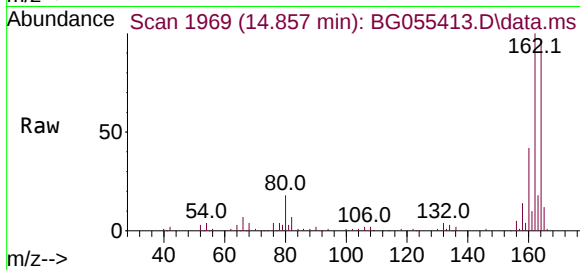




#51
2,6-Dinitrotoluene
Concen: 7.445 ng
RT: 14.857 min Scan# 1969
Delta R.T. 0.424 min
Lab File: BG055413.D
Acq: 2 Nov 2022 13:20

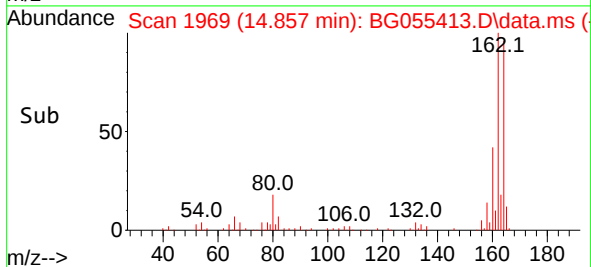
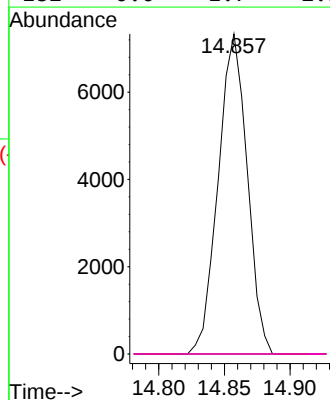
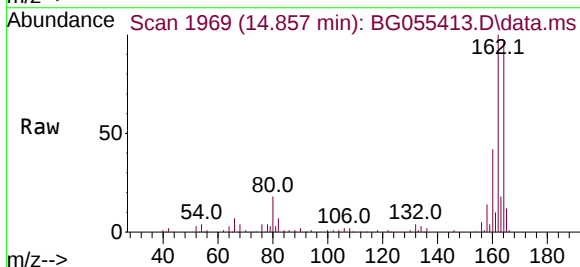
Instrument :
BNA_G
ClientSampleId :
251563-5

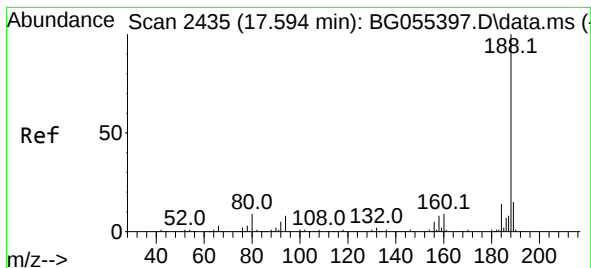
Tgt Ion:165 Resp: 11255
Ion Ratio Lower Upper
165 100
63 0.0 38.2 57.4#
89 0.0 41.8 62.6#



#57
2,4-Dinitrotoluene
Concen: 5.207 ng
RT: 14.857 min Scan# 1969
Delta R.T. -0.357 min
Lab File: BG055413.D
Acq: 2 Nov 2022 13:20

Tgt Ion:165 Resp: 11255
Ion Ratio Lower Upper
165 100
63 0.0 30.8 46.2#
89 0.0 54.5 81.7#
182 0.0 1.7 2.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.589 min Scan# 2435

Delta R.T. -0.005 min

Lab File: BG055413.D

Acq: 2 Nov 2022 13:20

Instrument :

BNA_G

ClientSampleId :

251563-5

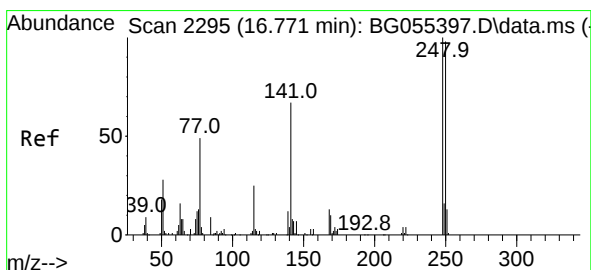
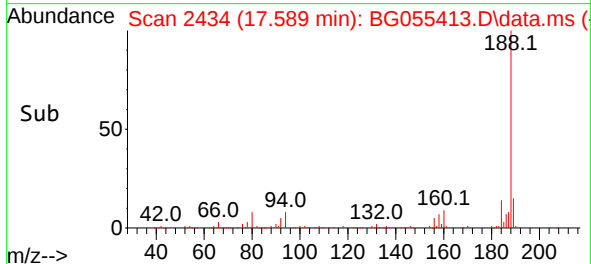
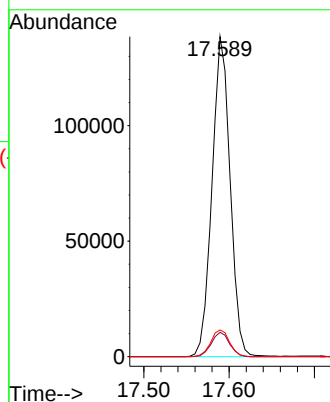
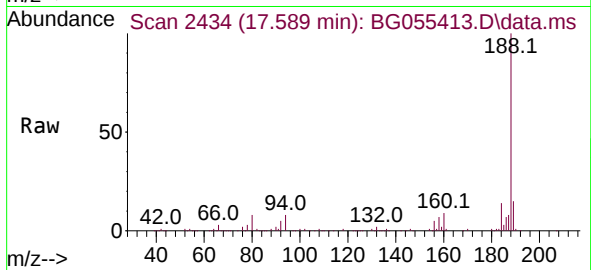
Tgt Ion:188 Resp: 204841

Ion Ratio Lower Upper

188 100

94 7.6 6.5 9.7

80 8.4 7.4 11.0



#67

4-Bromophenyl-phenylether

Concen: 4.698 ng

RT: 16.338 min Scan# 2221

Delta R.T. -0.433 min

Lab File: BG055413.D

Acq: 2 Nov 2022 13:20

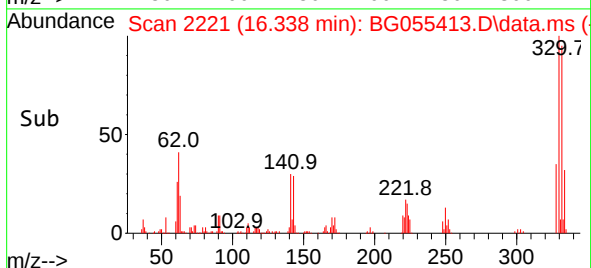
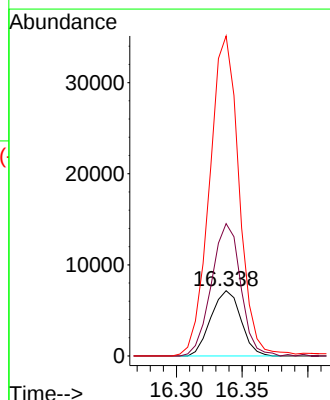
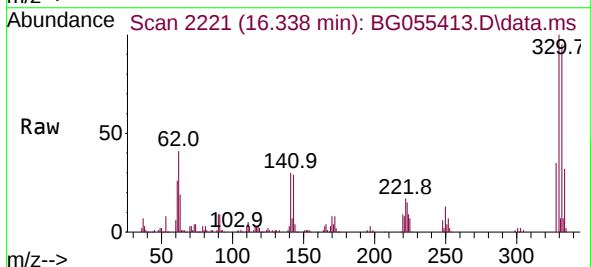
Tgt Ion:248 Resp: 11377

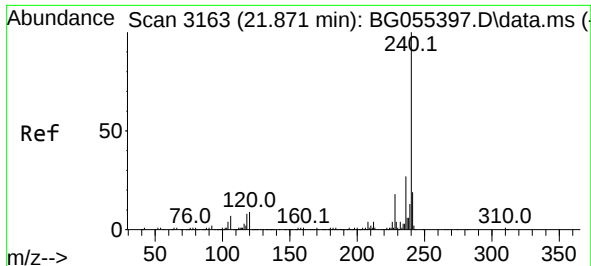
Ion Ratio Lower Upper

248 100

250 202.6 78.3 117.5#

141 490.2 53.7 80.5#

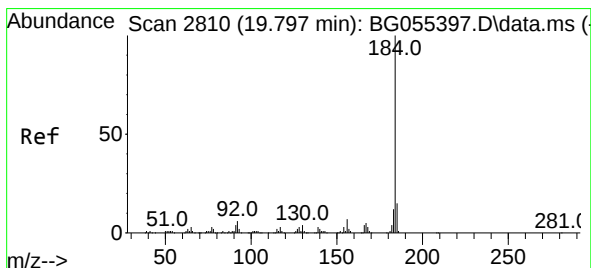
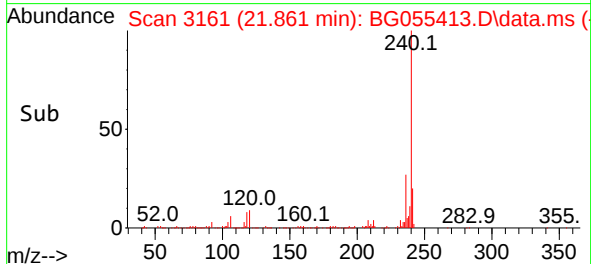
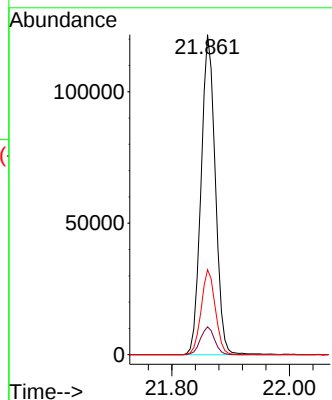
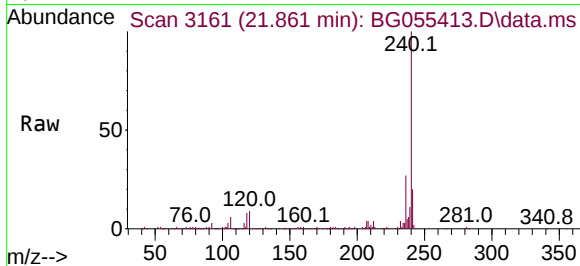




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.861 min Scan# 3161
Delta R.T. -0.010 min
Lab File: BG055413.D
Acq: 2 Nov 2022 13:20

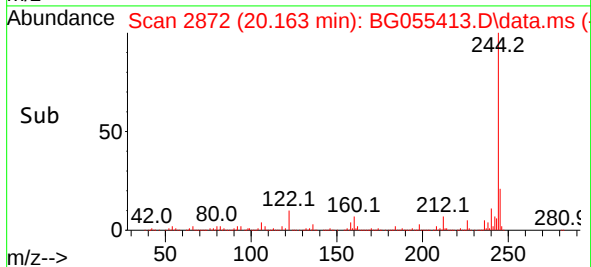
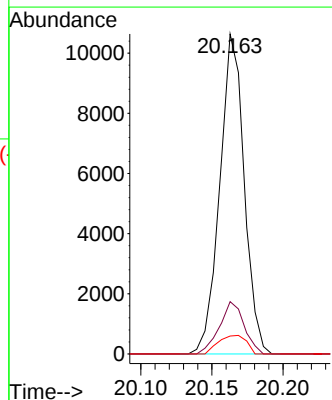
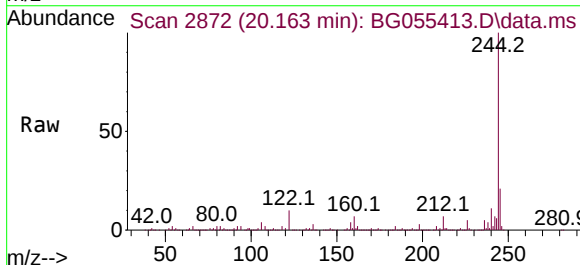
Instrument :
BNA_G
ClientSampleId :
251563-5

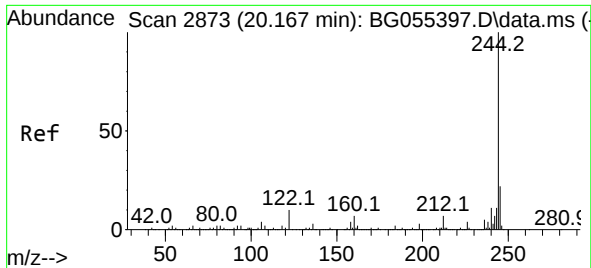
Tgt Ion:240 Resp: 204558
Ion Ratio Lower Upper
240 100
120 8.7 6.9 10.3
236 26.6 21.5 32.3



#77
Benzidine
Concen: 2.979 ng
RT: 20.163 min Scan# 2872
Delta R.T. 0.366 min
Lab File: BG055413.D
Acq: 2 Nov 2022 13:20

Tgt Ion:184 Resp: 12685
Ion Ratio Lower Upper
184 100
185 16.4 11.7 17.5
183 5.6 9.8 14.8#

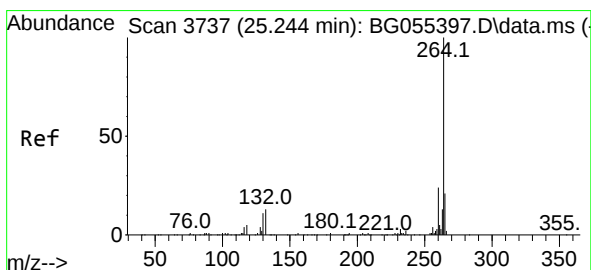
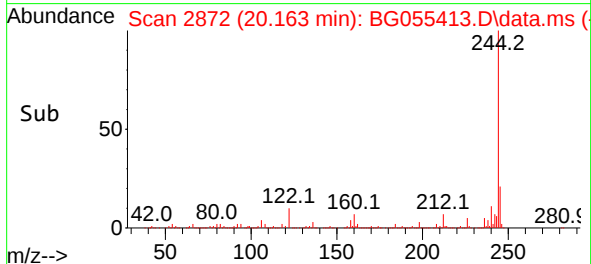
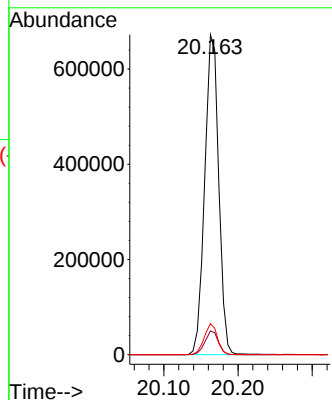
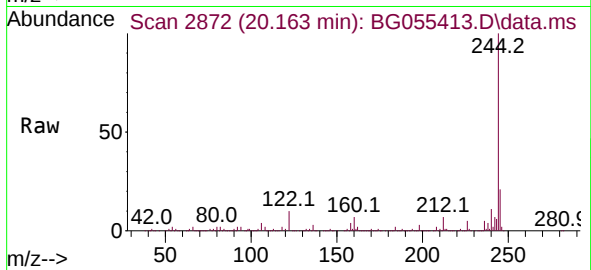




#79
 Terphenyl-d14
 Concen: 83.888 ng
 RT: 20.163 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG055413.D
 Acq: 2 Nov 2022 13:20

Instrument :
 BNA_G
 ClientSampleId :
 251563-5

Tgt Ion:244 Resp: 882475
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 9.7 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.233 min Scan# 3735
 Delta R.T. -0.010 min
 Lab File: BG055413.D
 Acq: 2 Nov 2022 13:20

Tgt Ion:264 Resp: 218089
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.9 28.3
 265 21.9 17.1 25.7

