

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
 Data File : BG055418.D
 Acq On : 2 Nov 2022 16:59
 Operator : CG/JU
 Sample : N5390-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-E

Quant Time: Nov 03 06:10:06 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)

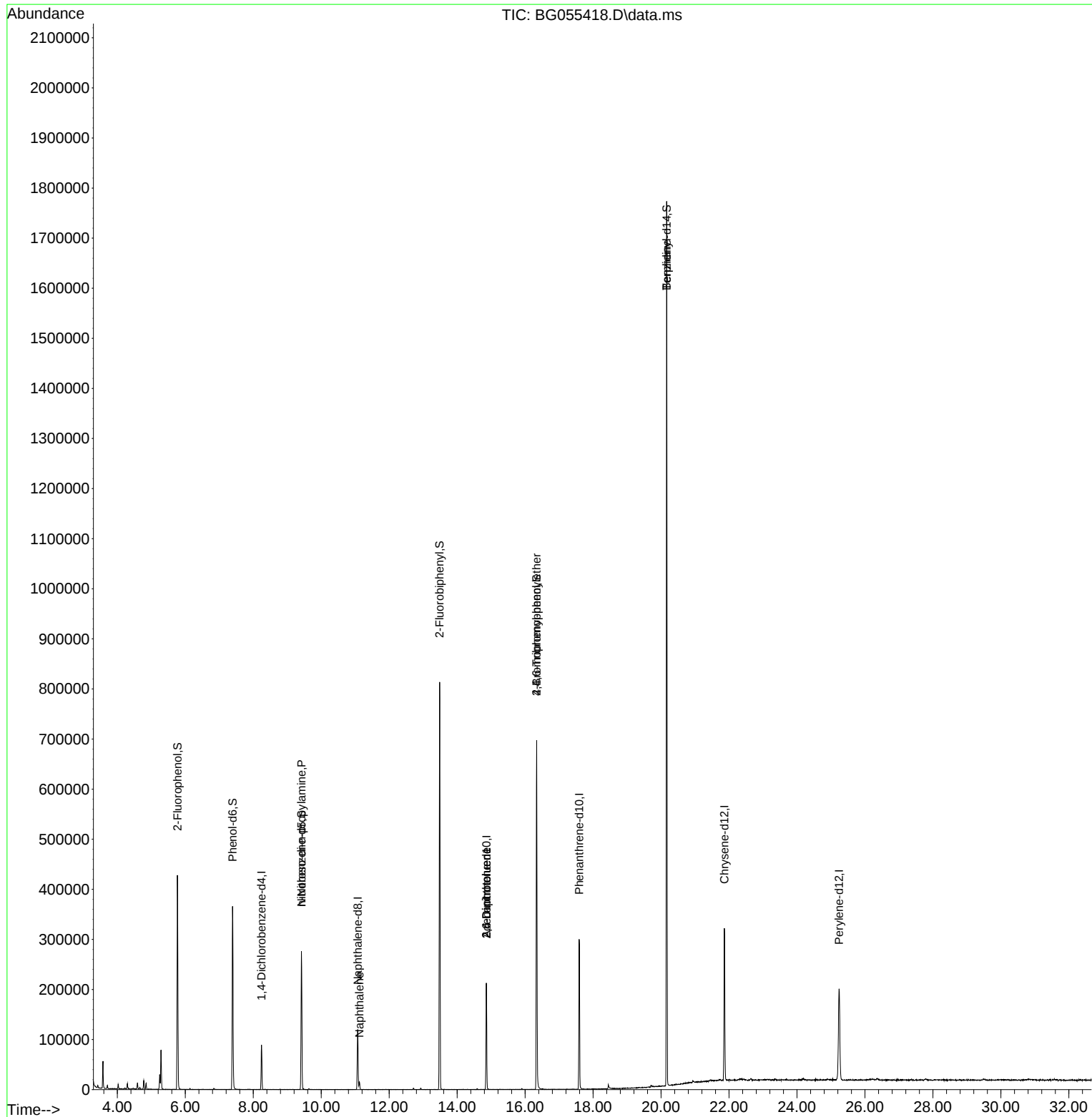
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	26939	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	112203	20.000	ng	0.00
39) Acenaphthene-d10	14.857	164	79159	20.000	ng	0.00
64) Phenanthrene-d10	17.589	188	199481	20.000	ng	0.00
76) Chrysene-d12	21.860	240	201597	20.000	ng	-0.01
86) Perylene-d12	25.239	264	216697	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.768	112	198730	132.480	ng	0.00
7) Phenol-d6	7.389	99	232799	111.911	ng	0.00
23) Nitrobenzene-d5	9.416	82	174077	82.684	ng	0.00
42) 2,4,6-Tribromophenol	16.337	330	155879	144.366	ng	0.00
45) 2-Fluorobiphenyl	13.482	172	441855	82.760	ng	0.00
79) Terphenyl-d14	20.162	244	903758	87.173	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.416	70	22971	14.132	ng	# 83
31) Naphthalene	11.120	128	14389	2.278	ng	97
51) 2,6-Dinitrotoluene	14.857	165	9949	7.192	ng	# 27
57) 2,4-Dinitrotoluene	14.857	165	9949	5.030	ng	# 25
67) 4-Bromophenyl-phenylether	16.337	248	9677	4.104	ng	# 1
77) Benzidine	20.162	184	12950	3.085	ng	# 90

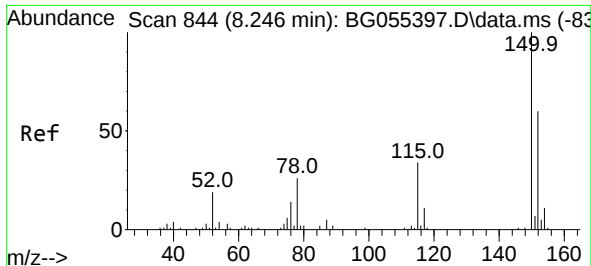
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
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Quant Time: Nov 03 06:10:06 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

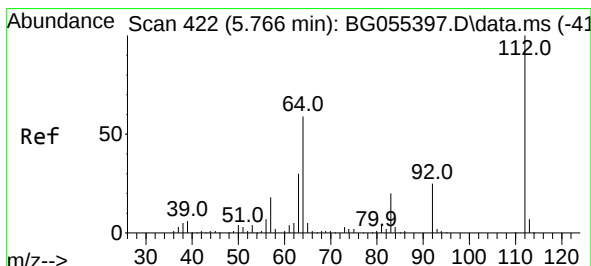
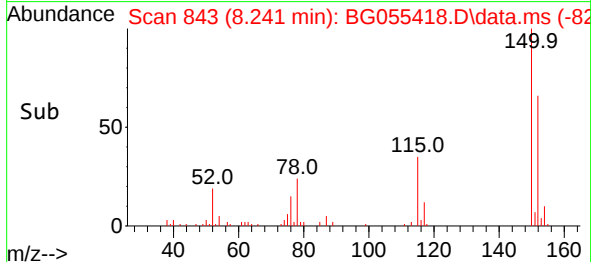
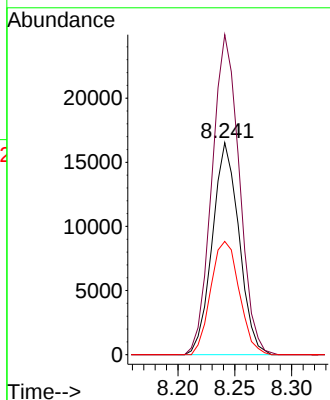
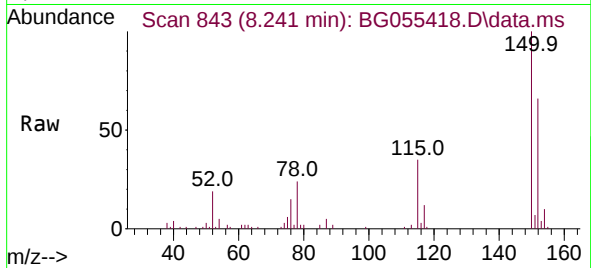




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.241 min Scan# 844
Delta R.T. -0.005 min
Lab File: BG055418.D
Acq: 2 Nov 2022 16:59

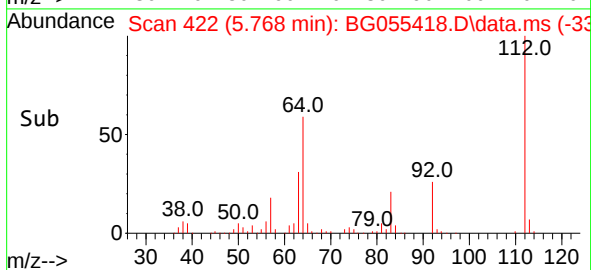
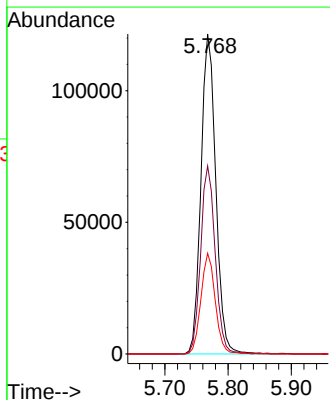
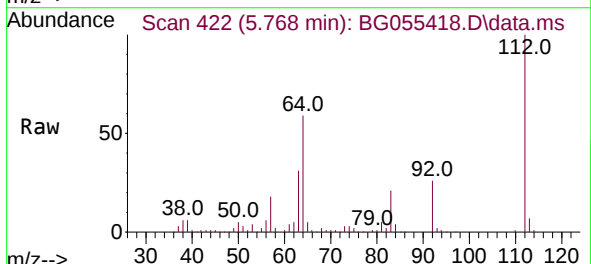
Instrument :
BNA_G
ClientSampleId :
TP-E

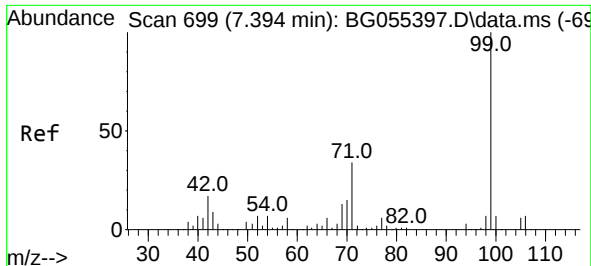
Tgt Ion:152 Resp: 26939
Ion Ratio Lower Upper
152 100
150 150.9 132.8 199.2
115 53.4 45.1 67.7



#5
2-Fluorophenol
Concen: 132.480 ng
RT: 5.768 min Scan# 422
Delta R.T. 0.001 min
Lab File: BG055418.D
Acq: 2 Nov 2022 16:59

Tgt Ion:112 Resp: 198730
Ion Ratio Lower Upper
112 100
64 58.7 47.2 70.8
63 31.5 24.3 36.5

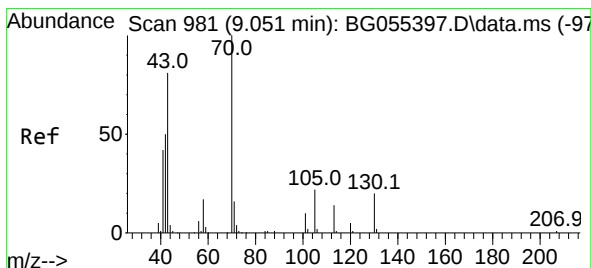
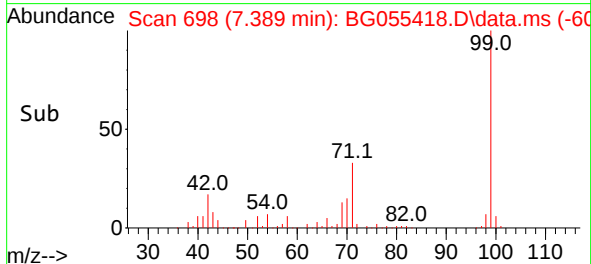
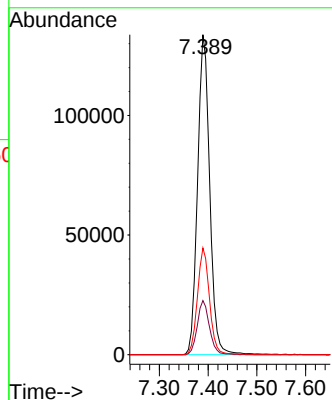
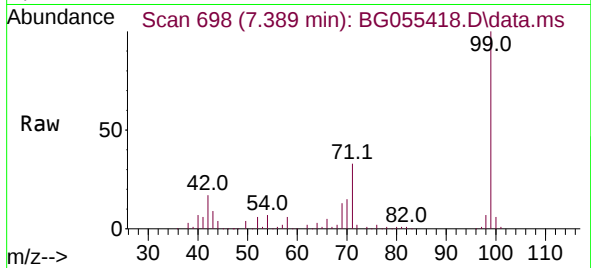




#7
Phenol-d6
Concen: 111.911 ng
RT: 7.389 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG055418.D
Acq: 2 Nov 2022 16:59

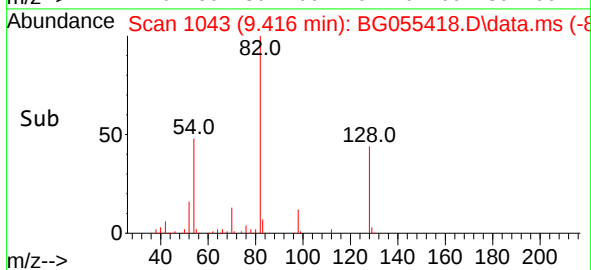
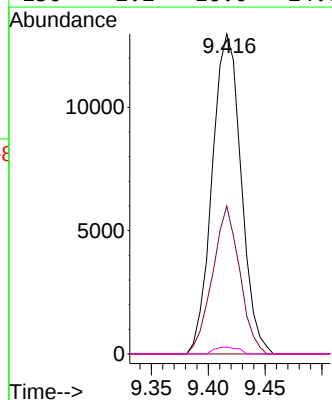
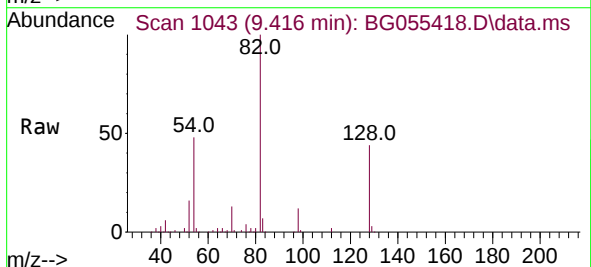
Instrument :
BNA_G
ClientSampleId :
TP-E

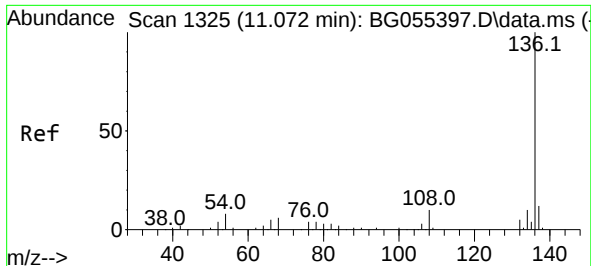
Tgt Ion: 99 Resp: 232799
Ion Ratio Lower Upper
99 100
42 16.9 13.5 20.3
71 33.3 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.132 ng
RT: 9.416 min Scan# 1043
Delta R.T. 0.365 min
Lab File: BG055418.D
Acq: 2 Nov 2022 16:59

Tgt Ion: 70 Resp: 22971
Ion Ratio Lower Upper
70 100
42 46.2 40.6 61.0
101 0.0 7.8 11.6#
130 2.2 16.0 24.0#



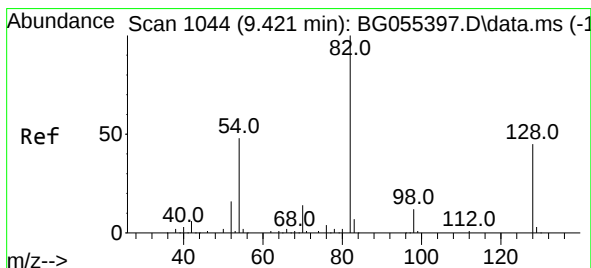
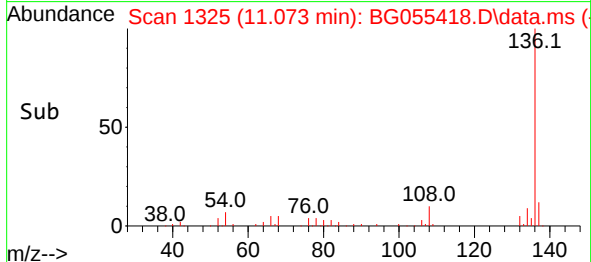
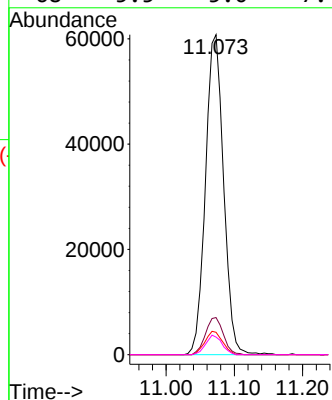
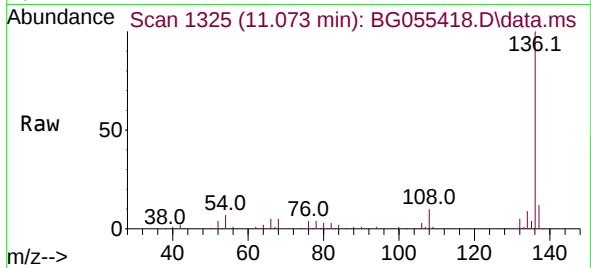


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG055418.D
Acq: 2 Nov 2022 16:59

Instrument :
BNA_G
ClientSampleId :
TP-E

Tgt Ion:136 Resp: 112203

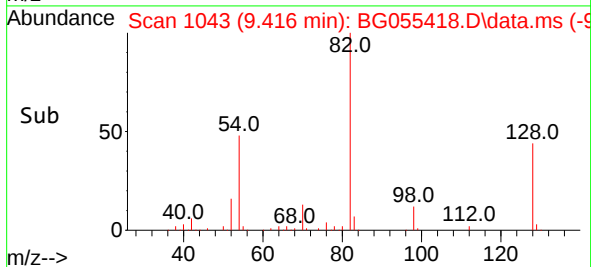
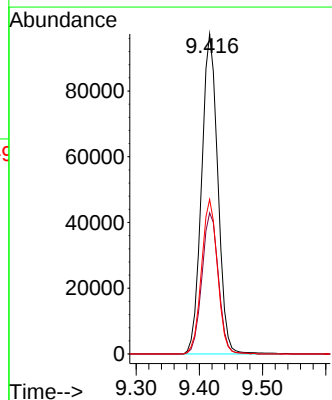
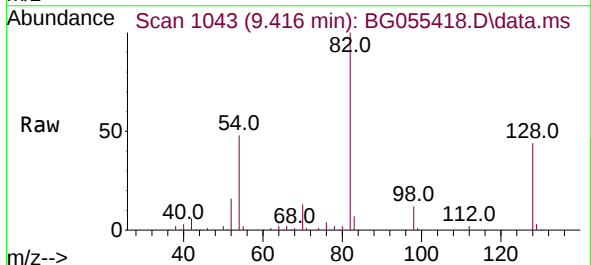
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.2
54	7.0	6.1	9.1
68	5.5	5.0	7.4

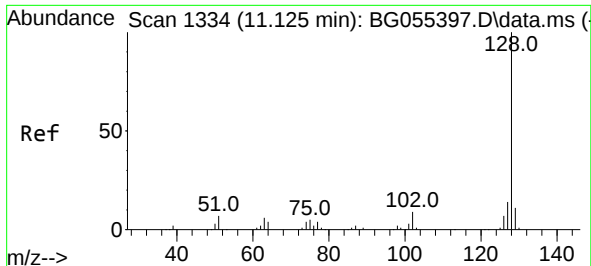


#23
Nitrobenzene-d5
Concen: 82.684 ng
RT: 9.416 min Scan# 1043
Delta R.T. -0.005 min
Lab File: BG055418.D
Acq: 2 Nov 2022 16:59

Tgt Ion: 82 Resp: 174077

Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.8	53.8
54	48.3	38.1	57.1

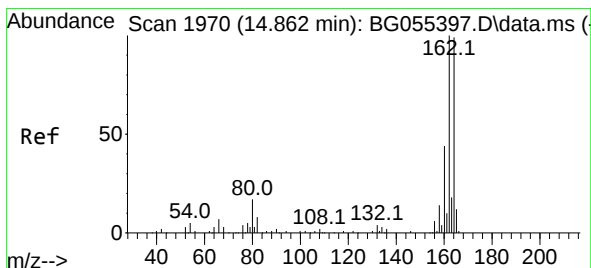
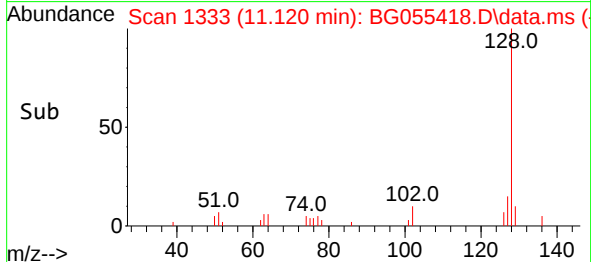
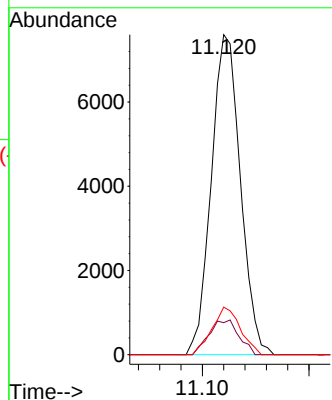
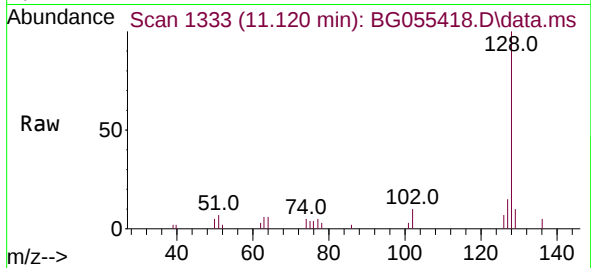




#31
Naphthalene
Concen: 2.278 ng
RT: 11.120 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055418.D
Acq: 2 Nov 2022 16:59

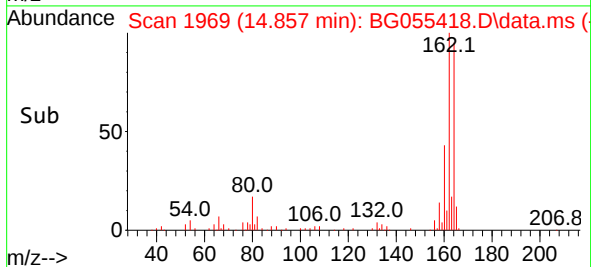
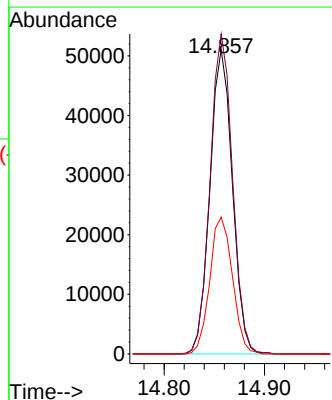
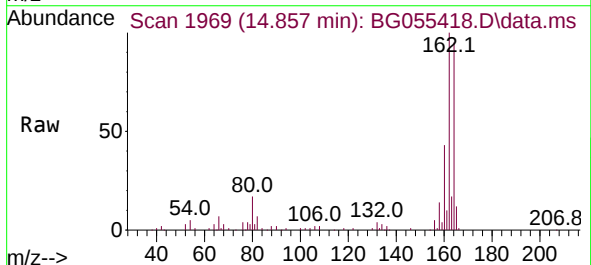
Instrument :
BNA_G
ClientSampleId :
TP-E

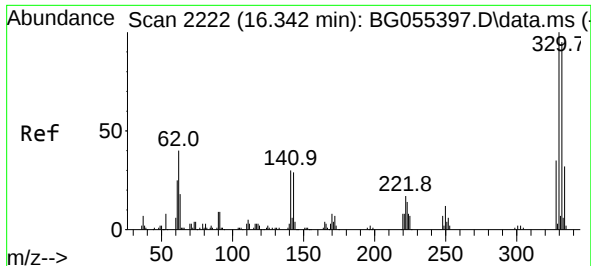
Tgt Ion:128 Resp: 14389
Ion Ratio Lower Upper
128 100
129 10.0 8.8 13.2
127 14.9 10.8 16.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.857 min Scan# 1969
Delta R.T. -0.005 min
Lab File: BG055418.D
Acq: 2 Nov 2022 16:59

Tgt Ion:164 Resp: 79159
Ion Ratio Lower Upper
164 100
162 105.2 81.1 121.7
160 45.0 35.8 53.6

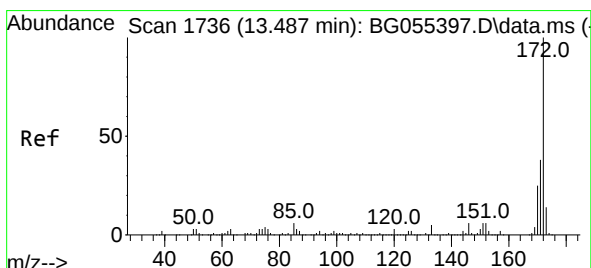
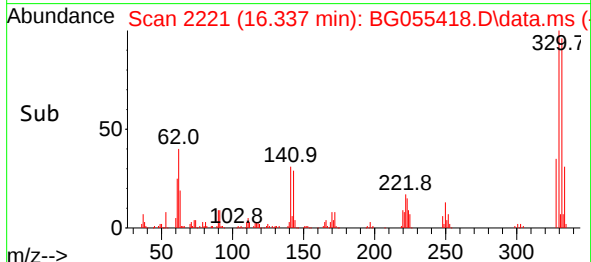
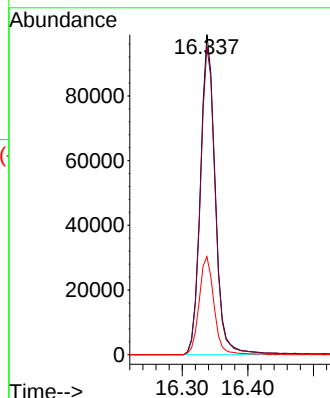
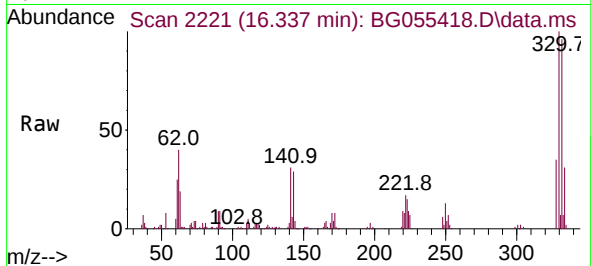




#42
2,4,6-Tribromophenol
Concen: 144.366 ng
RT: 16.337 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG055418.D
Acq: 2 Nov 2022 16:59

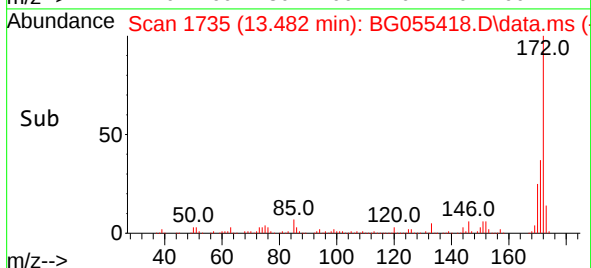
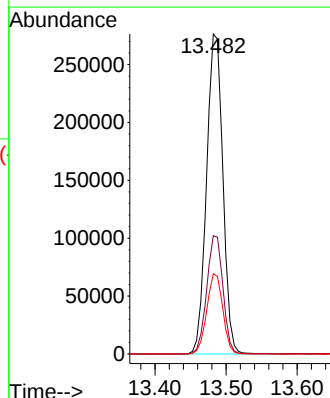
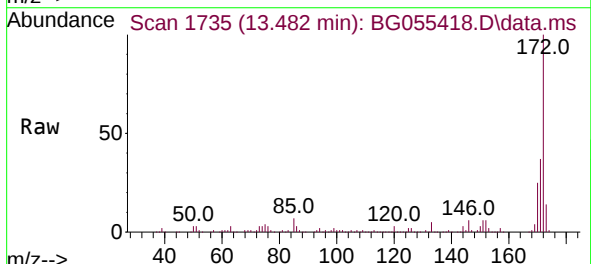
Instrument :
BNA_G
ClientSampleId :
TP-E

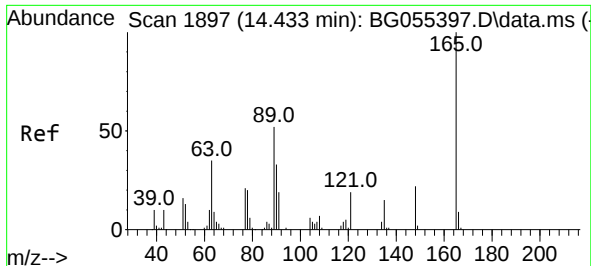
Tgt Ion:330 Resp: 155879
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.6
141 30.7 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 82.760 ng
RT: 13.482 min Scan# 1735
Delta R.T. -0.005 min
Lab File: BG055418.D
Acq: 2 Nov 2022 16:59

Tgt Ion:172 Resp: 441855
Ion Ratio Lower Upper
172 100
171 37.0 30.2 45.2
170 25.1 20.2 30.2





#51

2,6-Dinitrotoluene

Concen: 7.192 ng

RT: 14.857 min Scan# 1969

Delta R.T. 0.424 min

Lab File: BG055418.D

Acq: 2 Nov 2022 16:59

Instrument :

BNA_G

ClientSampleId :

TP-E

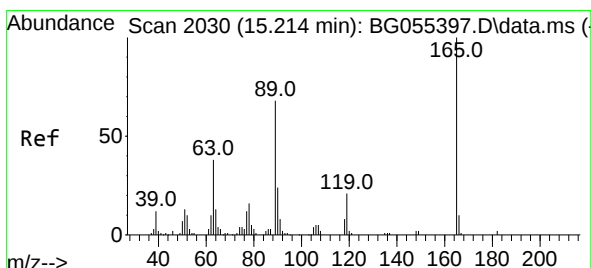
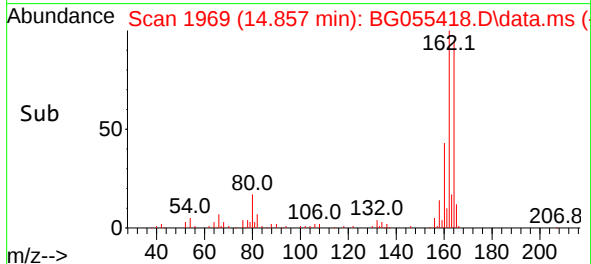
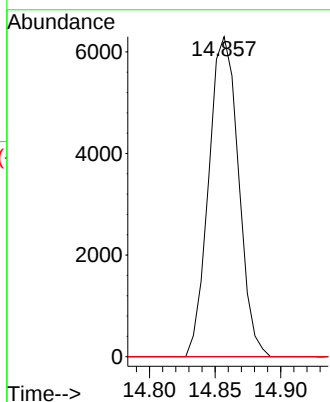
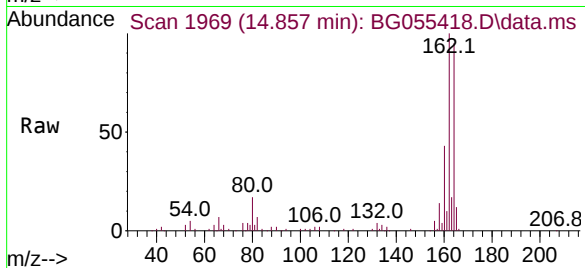
Tgt Ion:165 Resp: 9949

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: 5.030 ng

RT: 14.857 min Scan# 1969

Delta R.T. -0.357 min

Lab File: BG055418.D

Acq: 2 Nov 2022 16:59

Tgt Ion:165 Resp: 9949

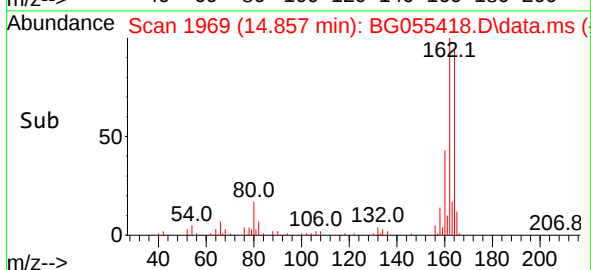
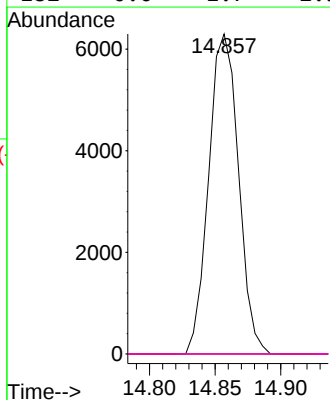
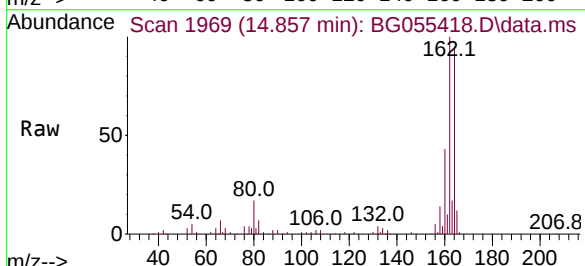
Ion Ratio Lower Upper

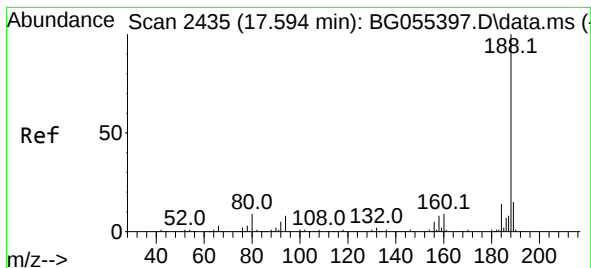
165 100

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: BG055418.D

Acq: 2 Nov 2022 16:59

Instrument :

BNA_G

ClientSampleId :

TP-E

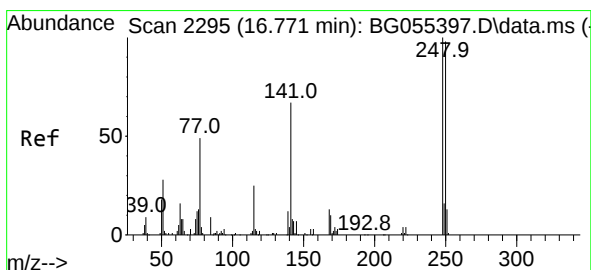
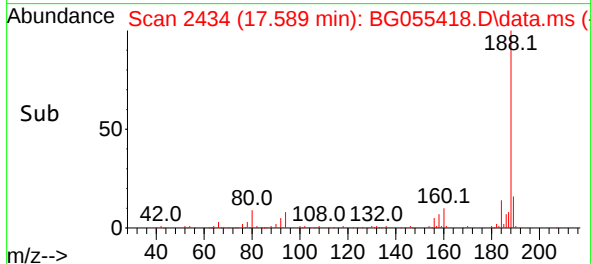
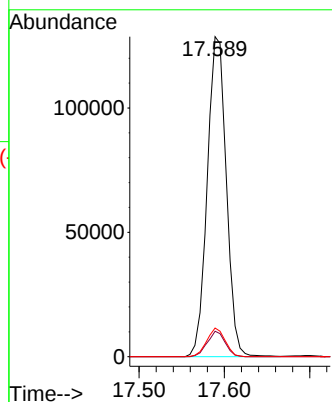
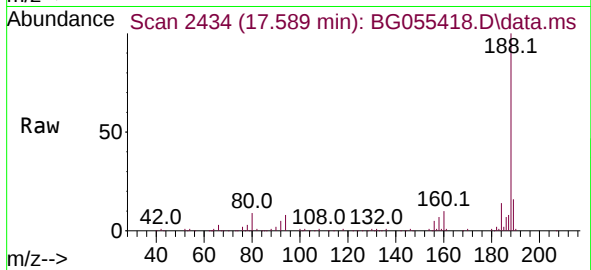
Tgt Ion:188 Resp: 199481

Ion Ratio Lower Upper

188 100

94 7.9 6.5 9.7

80 8.9 7.4 11.0



#67

4-Bromophenyl-phenylether

Concen: 4.104 ng

RT: 16.337 min Scan# 2221

Delta R.T. -0.434 min

Lab File: BG055418.D

Acq: 2 Nov 2022 16:59

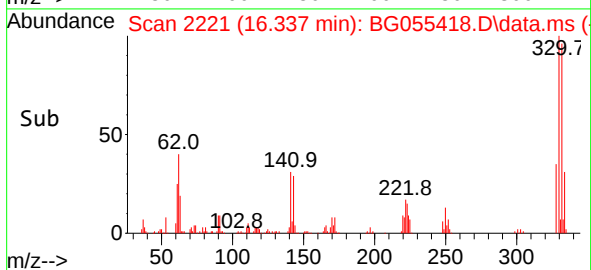
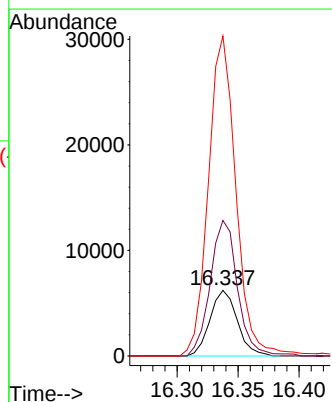
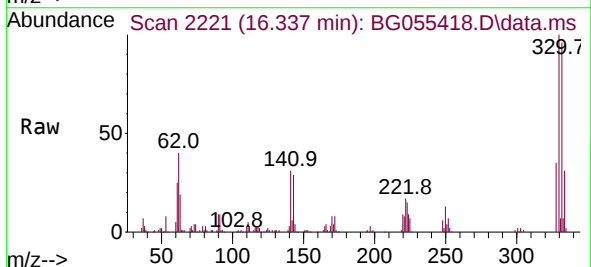
Tgt Ion:248 Resp: 9677

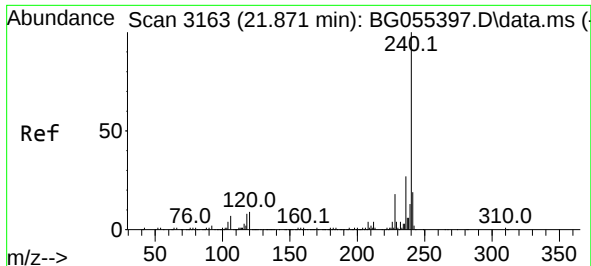
Ion Ratio Lower Upper

248 100

250 206.5 78.3 117.5#

141 487.2 53.7 80.5#

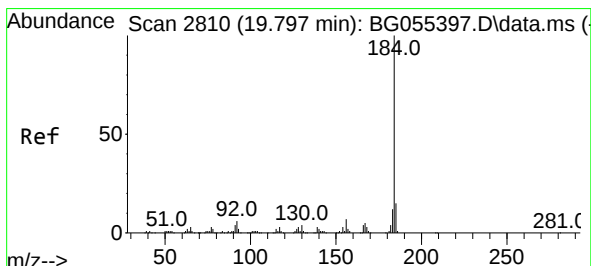
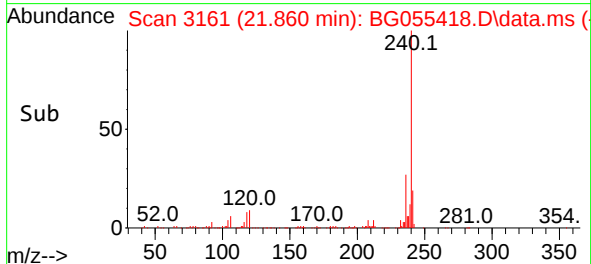
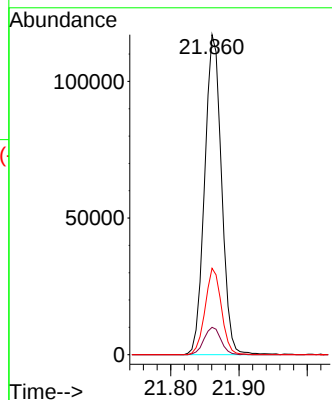
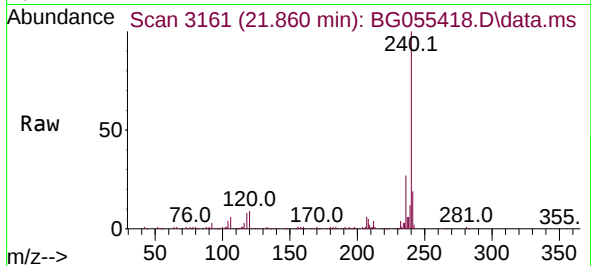




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.860 min Scan# 3163
Delta R.T. -0.011 min
Lab File: BG055418.D
Acq: 2 Nov 2022 16:59

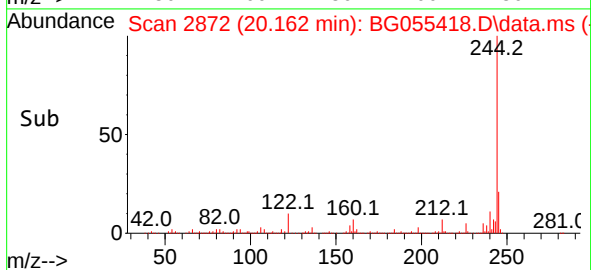
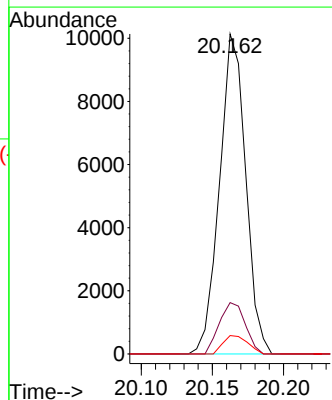
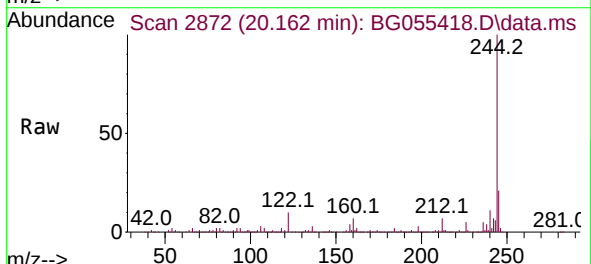
Instrument :
BNA_G
ClientSampleId :
TP-E

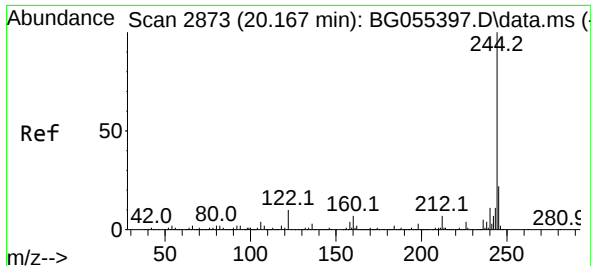
Tgt Ion:240 Resp: 201597
Ion Ratio Lower Upper
240 100
120 8.6 6.9 10.3
236 27.0 21.5 32.3



#77
Benzidine
Concen: 3.085 ng
RT: 20.162 min Scan# 2872
Delta R.T. 0.365 min
Lab File: BG055418.D
Acq: 2 Nov 2022 16:59

Tgt Ion:184 Resp: 12950
Ion Ratio Lower Upper
184 100
185 16.1 11.7 17.5
183 5.8 9.8 14.8#

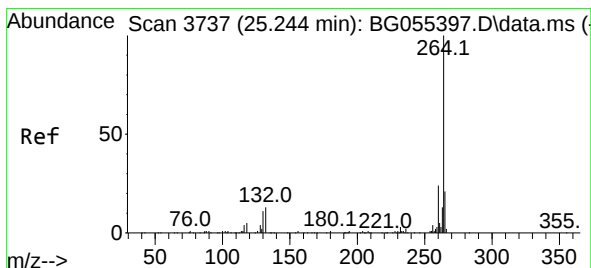
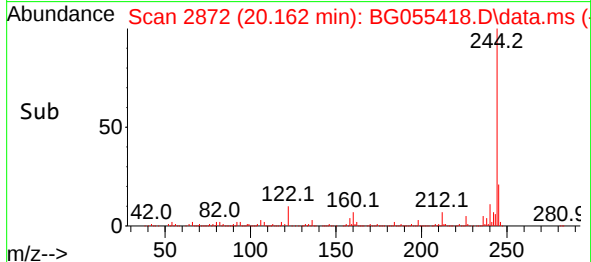
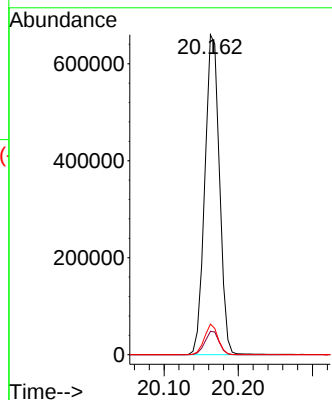
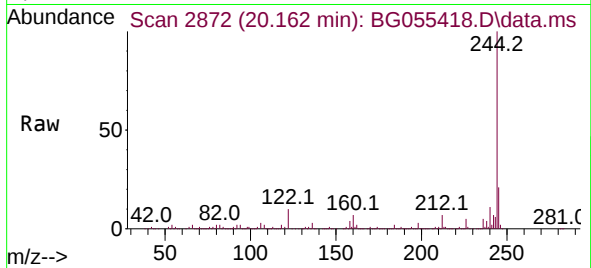




#79
 Terphenyl-d14
 Concen: 87.173 ng
 RT: 20.162 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG055418.D
 Acq: 2 Nov 2022 16:59

Instrument :
 BNA_G
 ClientSampleId :
 TP-E

Tgt Ion:244 Resp: 903758
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 9.5 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.239 min Scan# 3736
 Delta R.T. -0.005 min
 Lab File: BG055418.D
 Acq: 2 Nov 2022 16:59

Tgt Ion:264 Resp: 216697
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.9 28.3
 265 21.8 17.1 25.7

