

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110322\
 Data File : BG055442.D
 Acq On : 3 Nov 2022 18:01
 Operator : CG/JU
 Sample : N5272-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221110-COMP-09

Quant Time: Nov 04 05:29:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 05:28:43 2022
 Response via : Initial Calibration

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

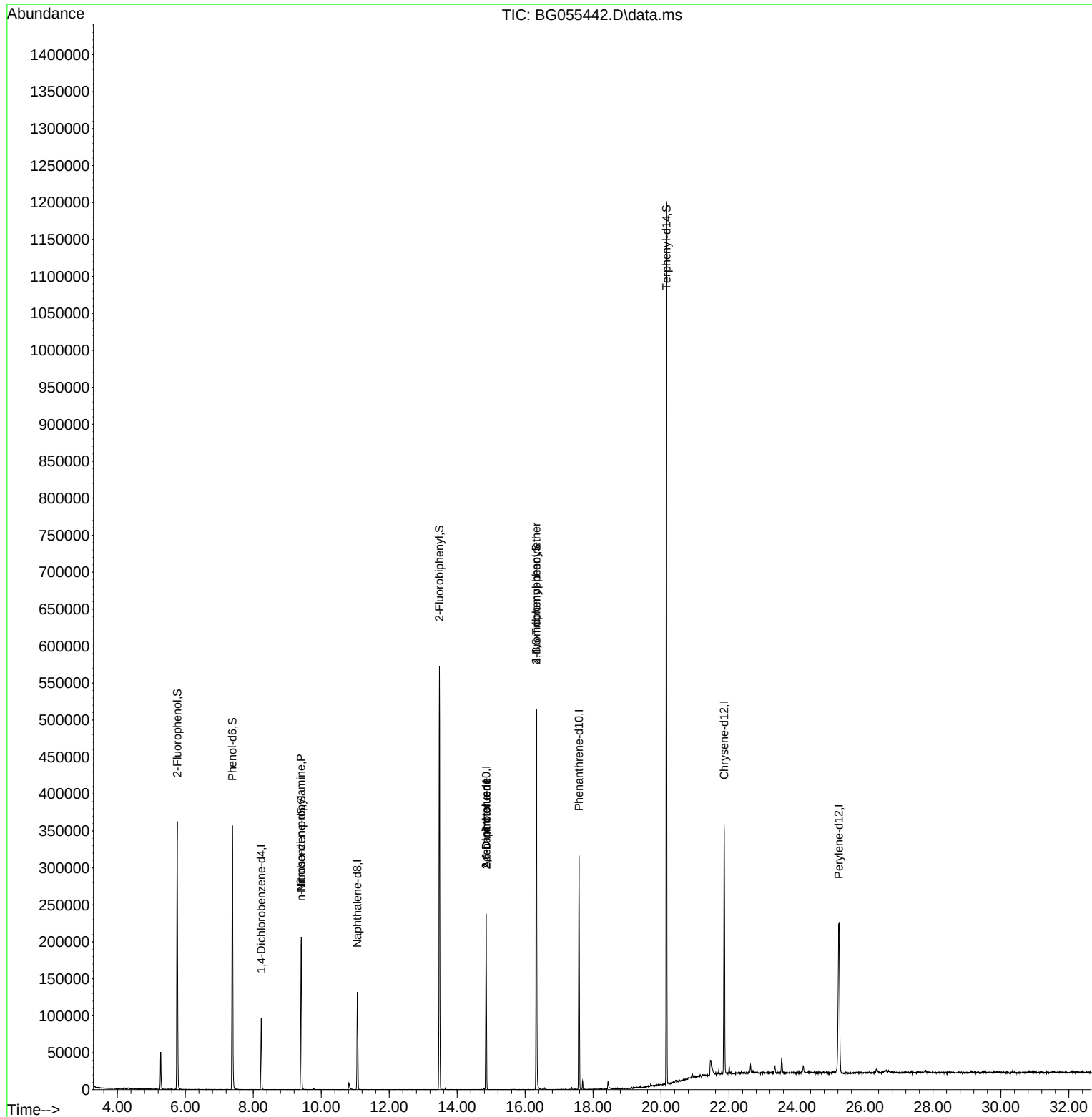
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.236	152	29340	20.000	ng	0.00
21) Naphthalene-d8	11.062	136	120043	20.000	ng	0.00
39) Acenaphthene-d10	14.851	164	85159	20.000	ng	0.00
64) Phenanthrene-d10	17.583	188	209592	20.000	ng	0.00
76) Chrysene-d12	21.855	240	223206	20.000	ng	0.00
86) Perylene-d12	25.233	264	238492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	171160	104.764	ng	0.00
7) Phenol-d6	7.384	99	222170	98.061	ng	0.00
23) Nitrobenzene-d5	9.411	82	129317	57.412	ng	0.00
42) 2,4,6-Tribromophenol	16.332	330	116760	100.518	ng	0.00
45) 2-Fluorobiphenyl	13.477	172	309609	53.904	ng	0.00
79) Terphenyl-d14	20.157	244	584094	50.885	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.405	70	17155	9.690	ng	# 82
51) 2,6-Dinitrotoluene	14.851	165	11121	7.473	ng	# 27
57) 2,4-Dinitrotoluene	14.851	165	11121	5.226	ng	# 25
67) 4-Bromophenyl-phenylether	16.332	248	7169	2.894	ng	# 1

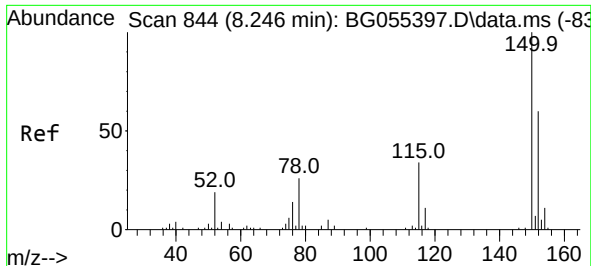
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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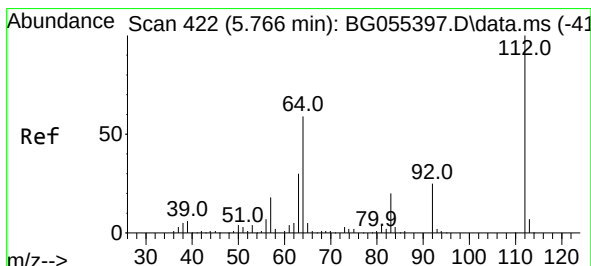
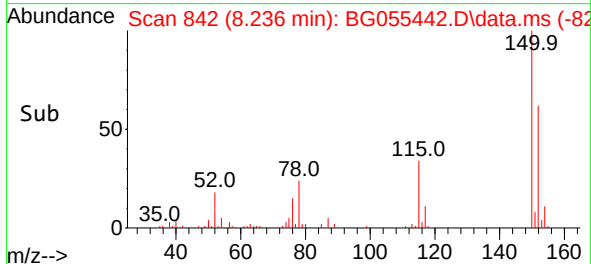
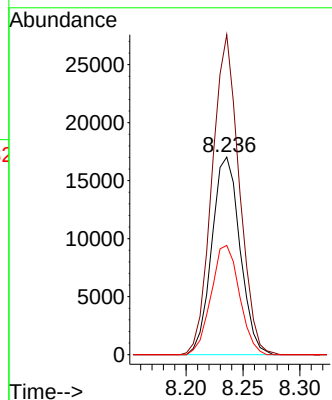
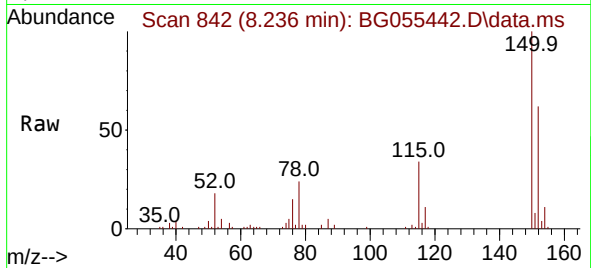




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.236 min Scan# 844
Delta R.T. -0.000 min
Lab File: BG055442.D
Acq: 3 Nov 2022 18:01

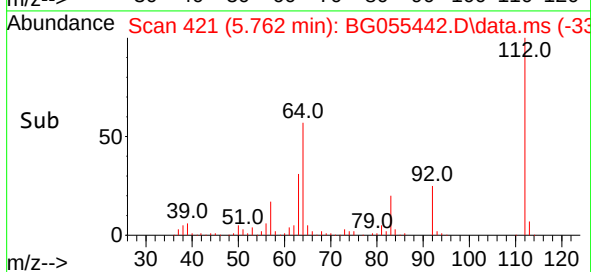
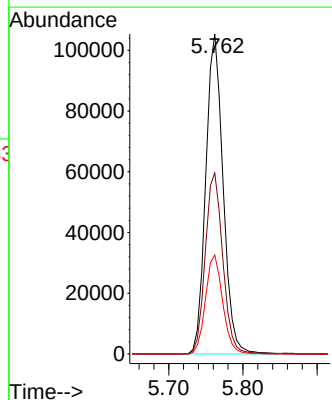
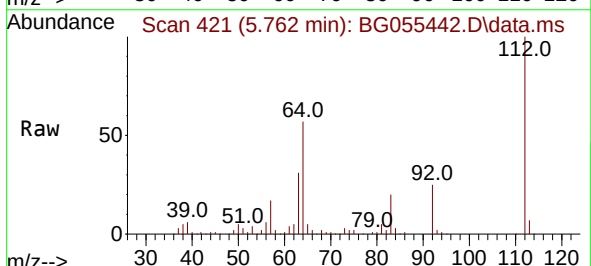
Instrument :
BNA_G
ClientSampleId :
20221110-COMP-09

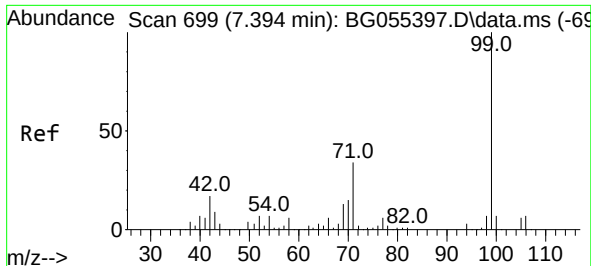
Tgt Ion:152 Resp: 29340
Ion Ratio Lower Upper
152 100
150 161.9 132.8 199.2
115 55.3 45.1 67.7



#5
2-Fluorophenol
Concen: 104.764 ng
RT: 5.762 min Scan# 421
Delta R.T. 0.000 min
Lab File: BG055442.D
Acq: 3 Nov 2022 18:01

Tgt Ion:112 Resp: 171160
Ion Ratio Lower Upper
112 100
64 56.5 47.2 70.8
63 30.9 24.3 36.5

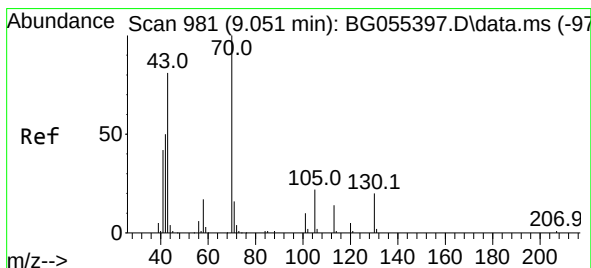
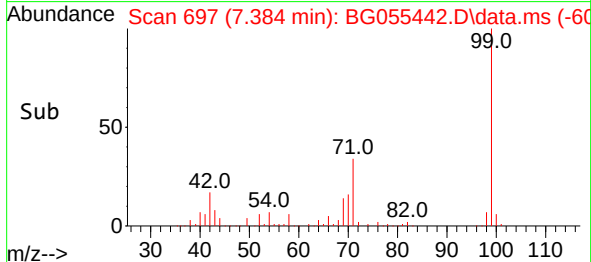
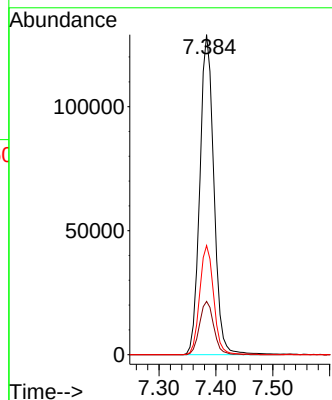
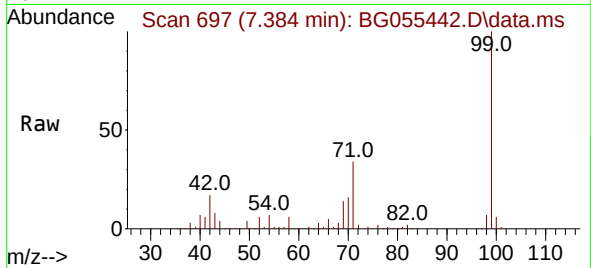




#7
Phenol-d6
Concen: 98.061 ng
RT: 7.384 min Scan# 697
Delta R.T. 0.000 min
Lab File: BG055442.D
Acq: 3 Nov 2022 18:01

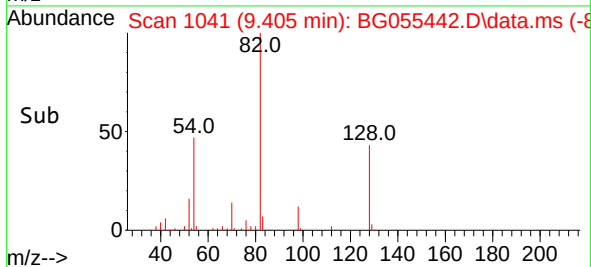
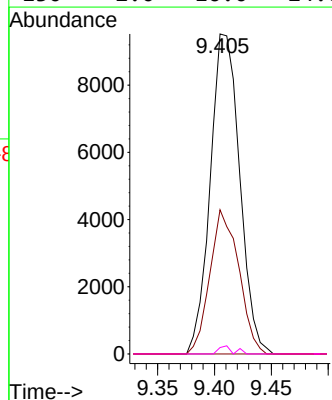
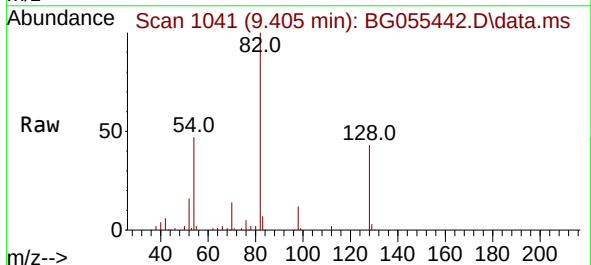
Instrument :
BNA_G
ClientSampleId :
20221110-COMP-09

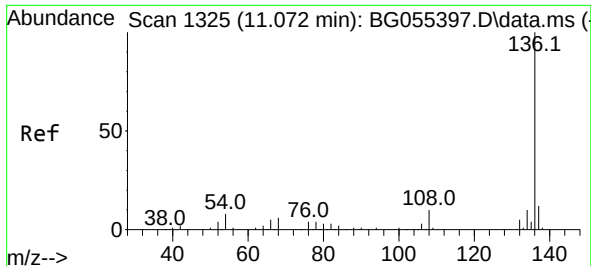
Tgt Ion: 99 Resp: 222170
Ion Ratio Lower Upper
99 100
42 16.7 13.5 20.3
71 34.1 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 9.690 ng
RT: 9.405 min Scan# 1041
Delta R.T. 0.364 min
Lab File: BG055442.D
Acq: 3 Nov 2022 18:01

Tgt Ion: 70 Resp: 17155
Ion Ratio Lower Upper
70 100
42 45.0 40.6 61.0
101 0.0 7.8 11.6#
130 2.0 16.0 24.0#

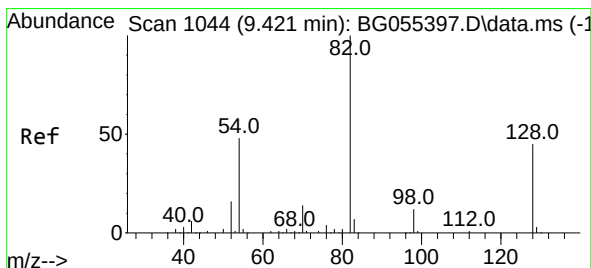
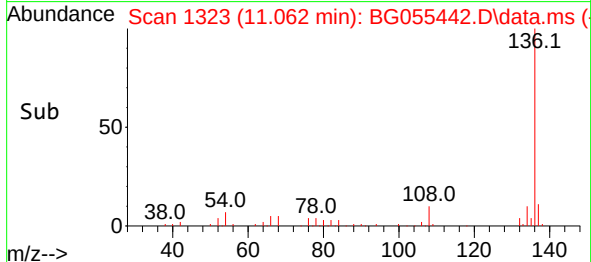
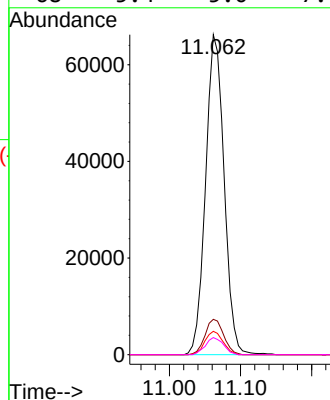
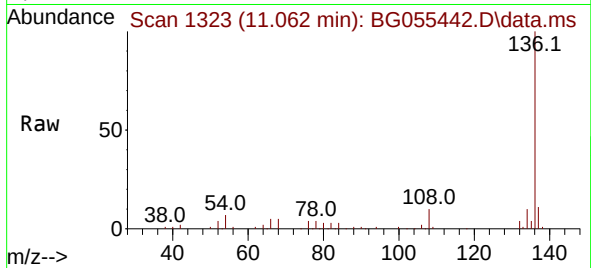




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.062 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055442.D
Acq: 3 Nov 2022 18:01

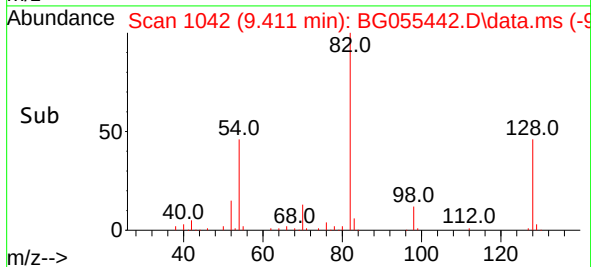
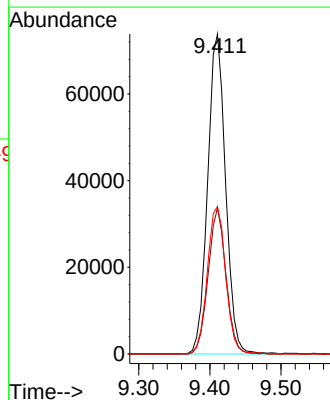
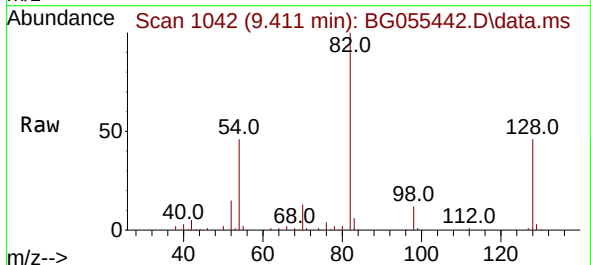
Instrument :
BNA_G
ClientSampleId :
20221110-COMP-09

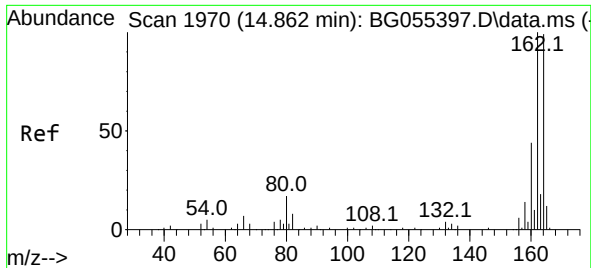
Tgt Ion:	136	Resp:	120043
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.4	14.2
54	7.3	6.1	9.1
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 57.412 ng
RT: 9.411 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BG055442.D
Acq: 3 Nov 2022 18:01

Tgt Ion:	82	Resp:	129317
Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.8	53.8
54	46.1	38.1	57.1

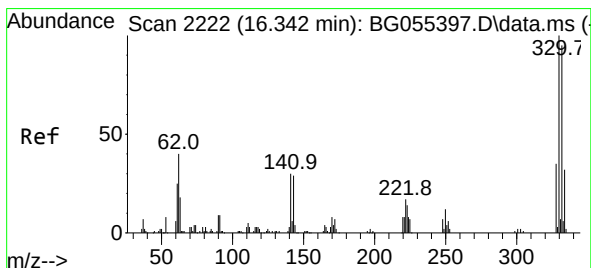
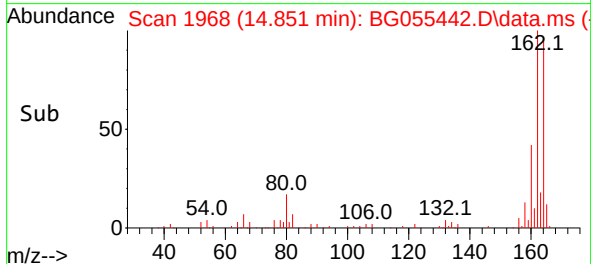
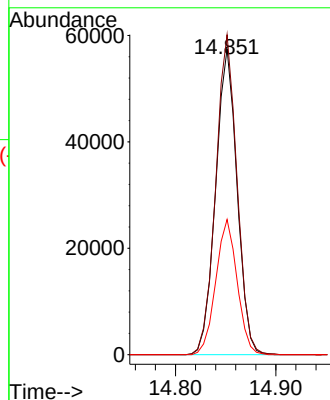
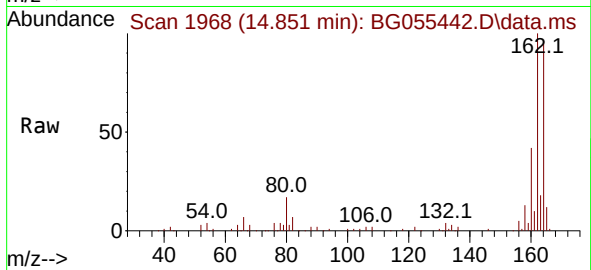




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.851 min Scan# 1970
 Delta R.T. -0.006 min
 Lab File: BG055442.D
 Acq: 3 Nov 2022 18:01

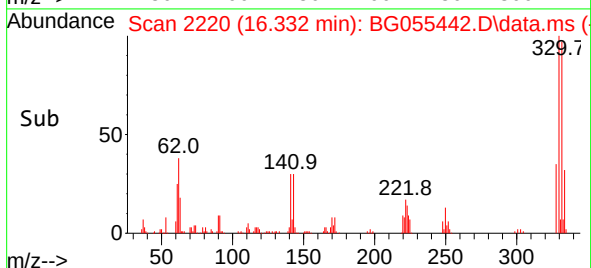
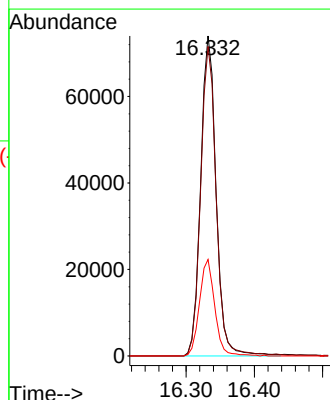
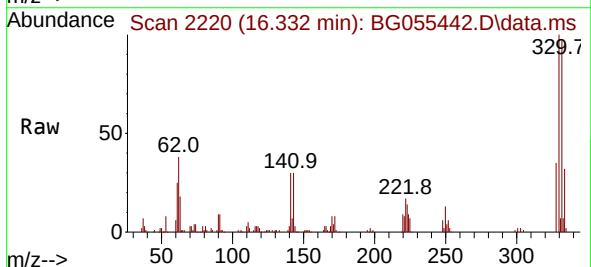
Instrument :
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 ClientSampleId :
 20221110-COMP-09

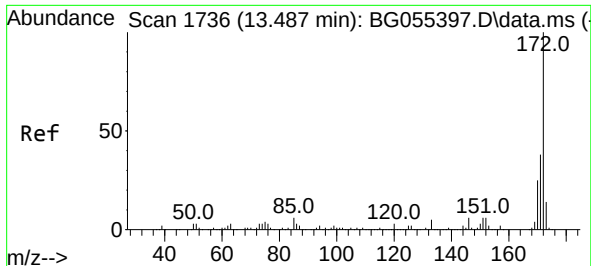
Tgt Ion:164 Resp: 85159
 Ion Ratio Lower Upper
 164 100
 162 104.7 81.1 121.7
 160 44.2 35.8 53.6



#42
 2,4,6-Tribromophenol
 Concen: 100.518 ng
 RT: 16.332 min Scan# 2220
 Delta R.T. -0.006 min
 Lab File: BG055442.D
 Acq: 3 Nov 2022 18:01

Tgt Ion:330 Resp: 116760
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.8 116.6
 141 29.8 24.2 36.2

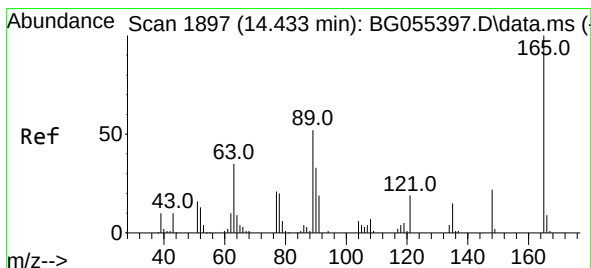
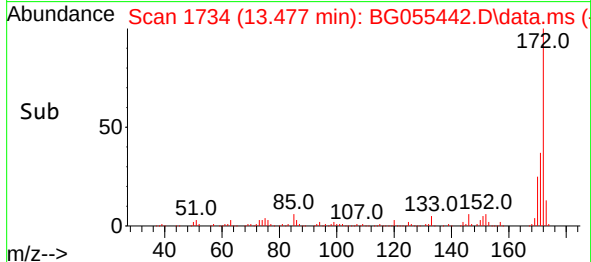
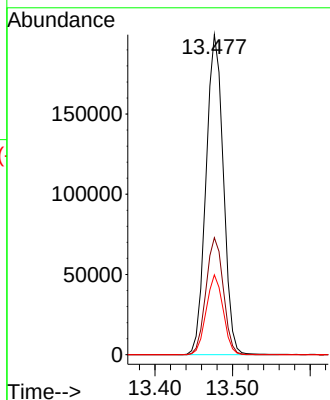
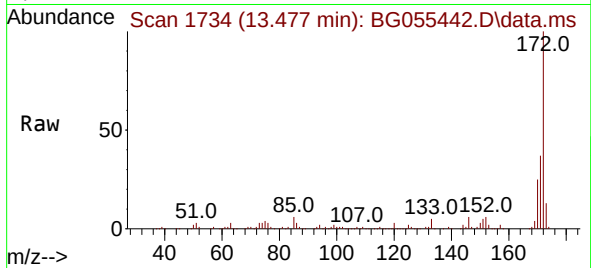




#45
2-Fluorobiphenyl
Concen: 53.904 ng
RT: 13.477 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055442.D
Acq: 3 Nov 2022 18:01

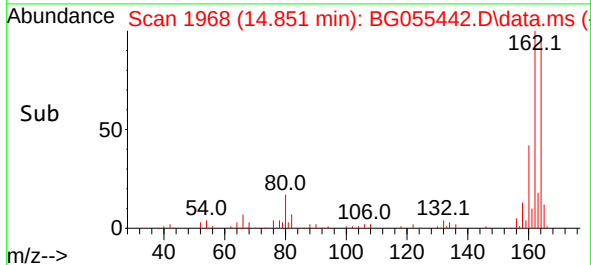
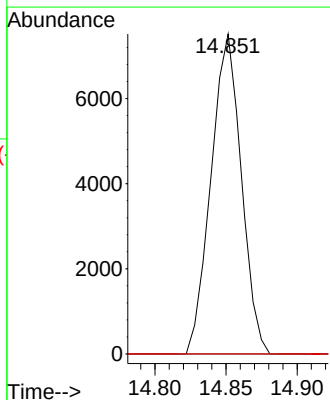
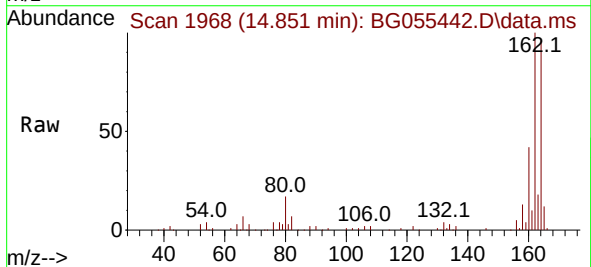
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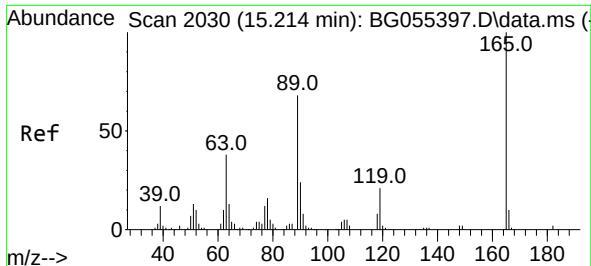
Tgt Ion:172 Resp: 309609
Ion Ratio Lower Upper
172 100
171 36.6 30.2 45.2
170 25.0 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.473 ng
RT: 14.851 min Scan# 1968
Delta R.T. 0.429 min
Lab File: BG055442.D
Acq: 3 Nov 2022 18:01

Tgt Ion:165 Resp: 11121
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: 5.226 ng

RT: 14.851 min Scan# 1968

Delta R.T. -0.358 min

Lab File: BG055442.D

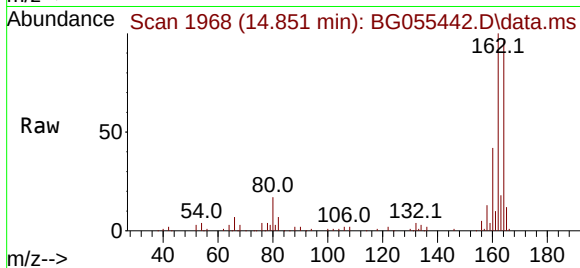
Acq: 3 Nov 2022 18:01

Instrument :

BNA_G

ClientSampleId :

20221110-COMP-09



Tgt Ion:165 Resp: 11121

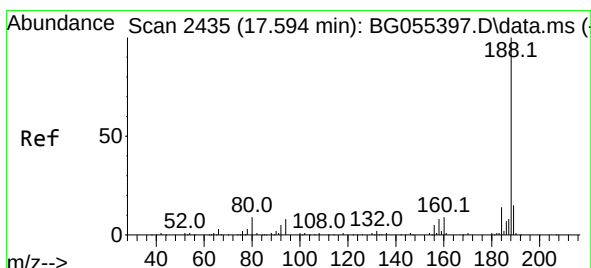
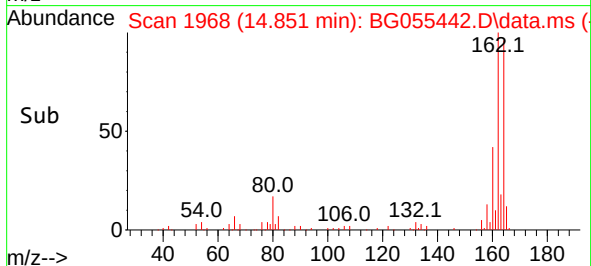
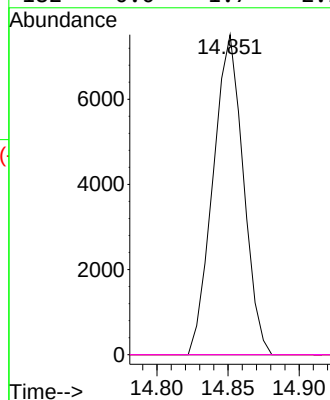
Ion Ratio Lower Upper

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: 17.583 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BG055442.D

Acq: 3 Nov 2022 18:01

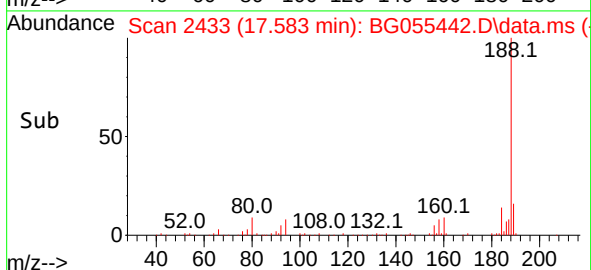
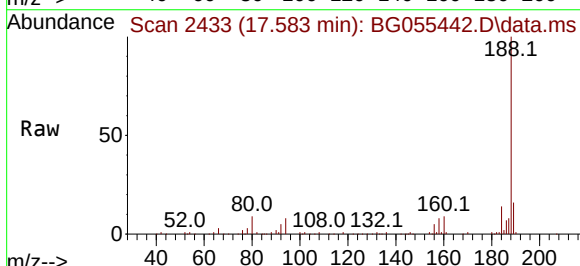
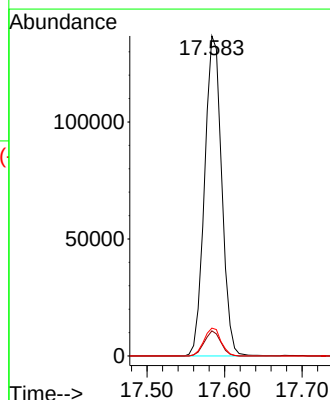
Tgt Ion:188 Resp: 209592

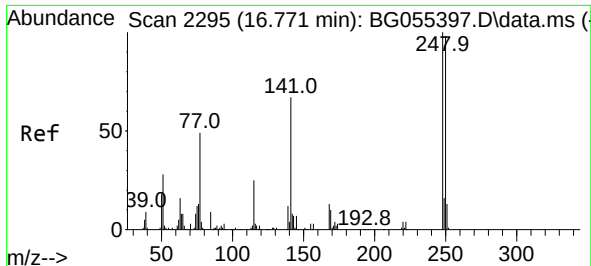
Ion Ratio Lower Upper

188 100

94 7.8 6.5 9.7

80 8.7 7.4 11.0

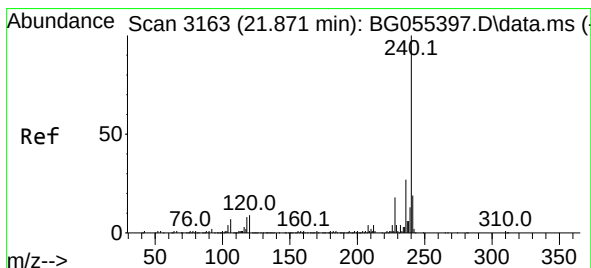
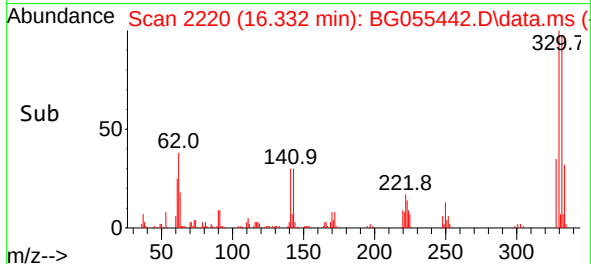
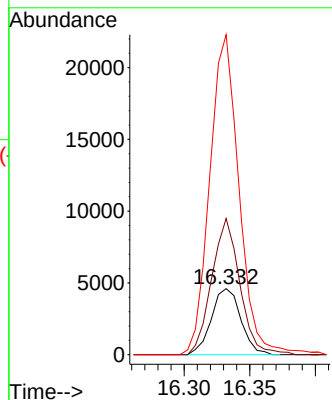
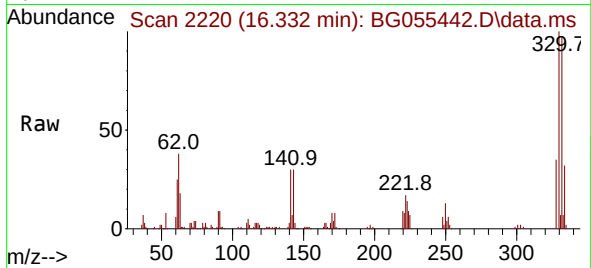




#67
4-Bromophenyl-phenylether
Concen: 2.894 ng
RT: 16.332 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG055442.D
Acq: 3 Nov 2022 18:01

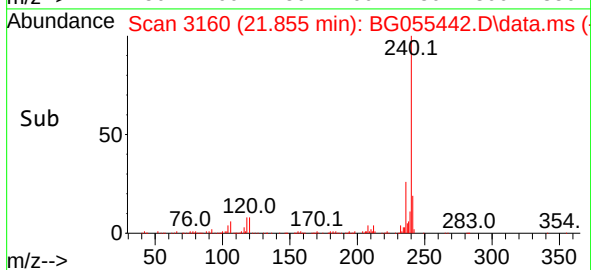
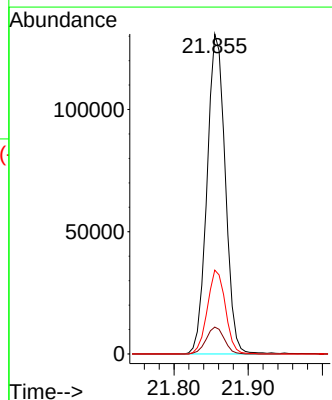
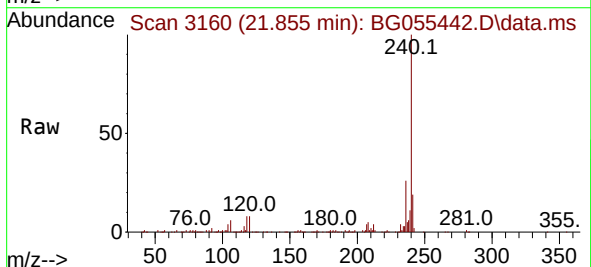
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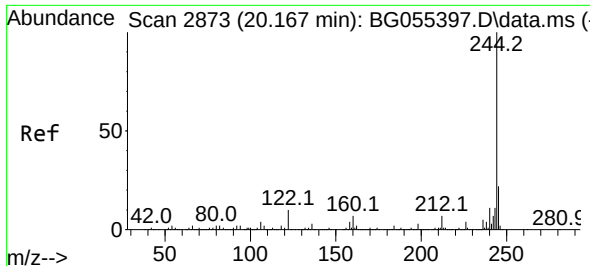
Tgt Ion:248 Resp: 7169
Ion Ratio Lower Upper
248 100
250 206.2 78.3 117.5#
141 484.7 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.855 min Scan# 3160
Delta R.T. -0.006 min
Lab File: BG055442.D
Acq: 3 Nov 2022 18:01

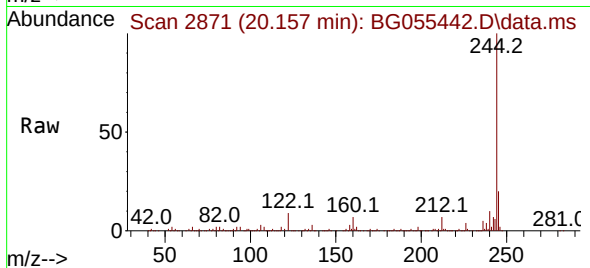
Tgt Ion:240 Resp: 223206
Ion Ratio Lower Upper
240 100
120 8.4 6.9 10.3
236 26.2 21.5 32.3



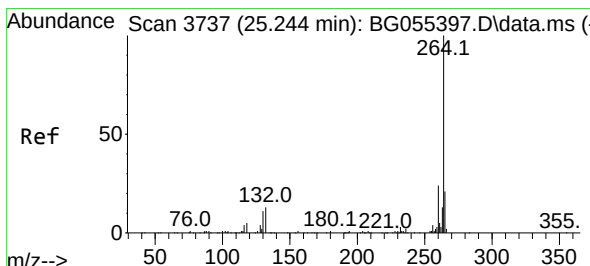
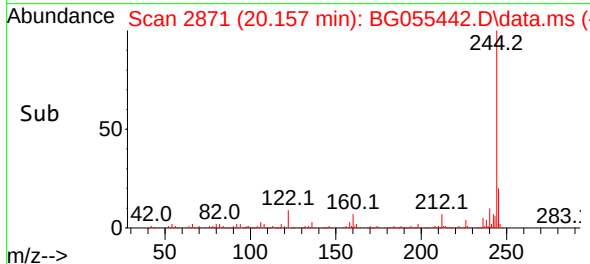
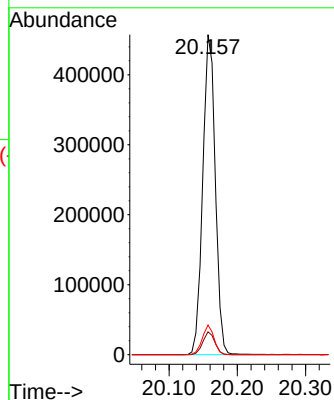


#79
 Terphenyl-d14
 Concen: 50.885 ng
 RT: 20.157 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG055442.D
 Acq: 3 Nov 2022 18:01

Instrument :
 BNA_G
 ClientSampleId :
 20221110-COMP-09



Tgt Ion:244 Resp: 584094
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 9.2 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.233 min Scan# 3735
 Delta R.T. 0.000 min
 Lab File: BG055442.D
 Acq: 3 Nov 2022 18:01

Tgt Ion:264 Resp: 238492
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 21.8 17.1 25.7

