

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
 Data File : BG055496.D
 Acq On : 8 Nov 2022 3:46
 Operator : CG/JU
 Sample : N5415-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 08 04:21:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 03:46:08 2022
 Response via : Initial Calibration

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

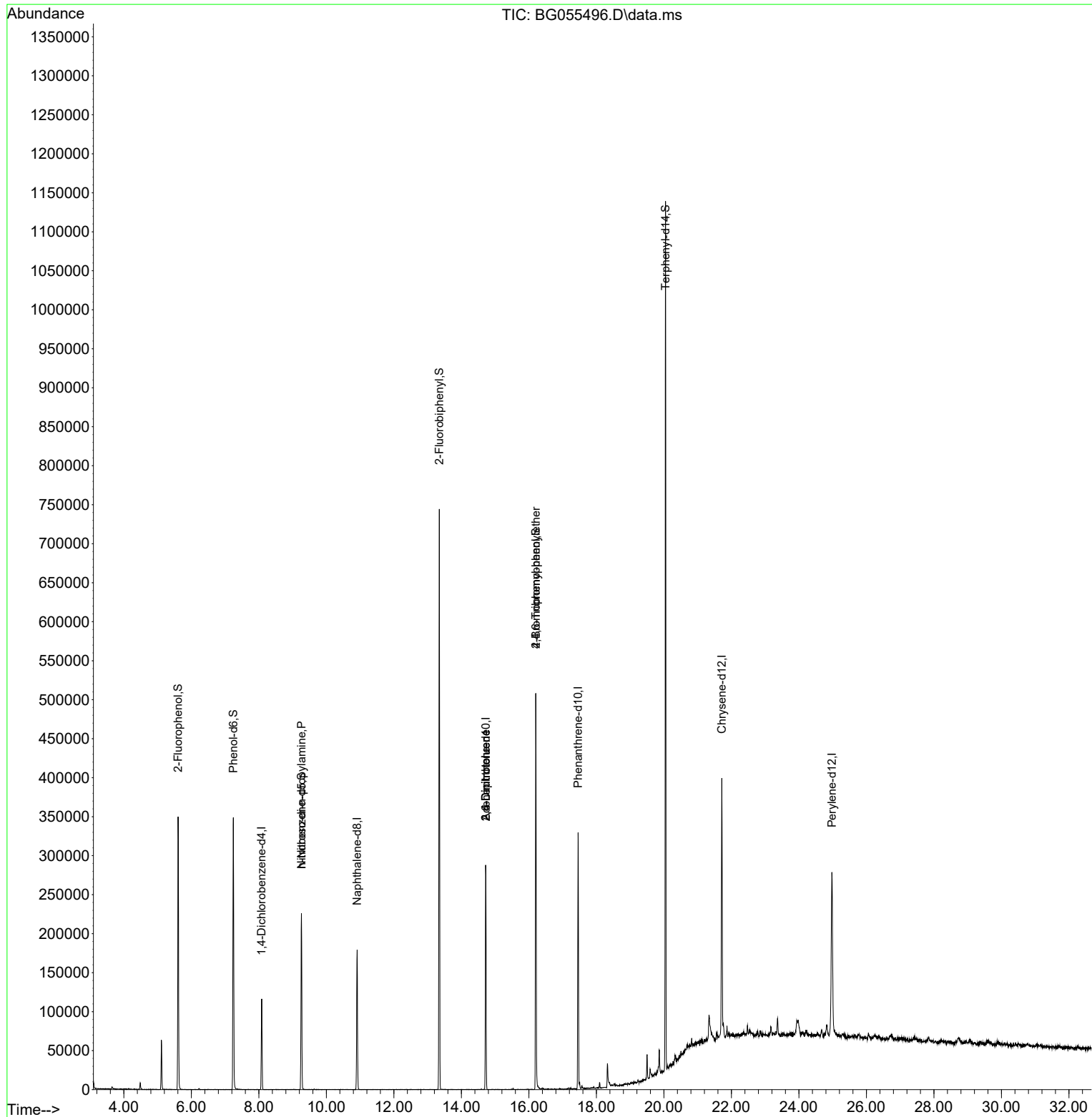
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.079	152	37047	20.000	ng	0.00
21) Naphthalene-d8	10.911	136	164410	20.000	ng	# 0.00
39) Acenaphthene-d10	14.719	164	107078	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	217785	20.000	ng	0.00
76) Chrysene-d12	21.716	240	207818	20.000	ng	0.00
86) Perylene-d12	24.977	264	237447	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.606	112	180895	87.689	ng	0.00
7) Phenol-d6	7.245	99	237483	83.014	ng	0.00
23) Nitrobenzene-d5	9.260	82	138629	44.938	ng	0.00
42) 2,4,6-Tribromophenol	16.205	330	127108	87.026	ng	0.00
45) 2-Fluorobiphenyl	13.344	172	394161	54.578	ng	0.00
79) Terphenyl-d14	20.048	244	562751	52.656	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.260	70	18136	8.113	ng	# 73
51) 2,6-Dinitrotoluene	14.719	165	14109	7.540	ng	# 27
57) 2,4-Dinitrotoluene	14.719	165	14109	5.273	ng	# 25
67) 4-Bromophenyl-phenylether	16.205	248	7537	2.928	ng	# 1

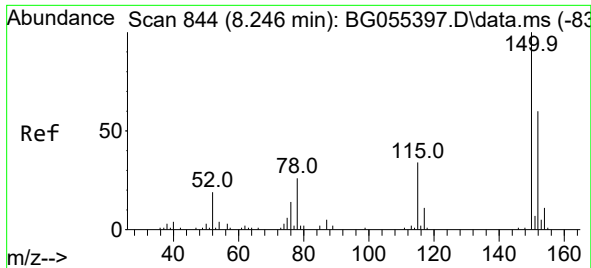
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
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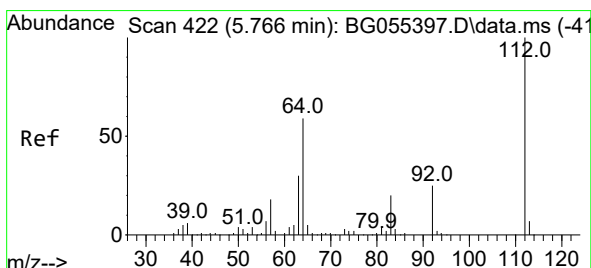
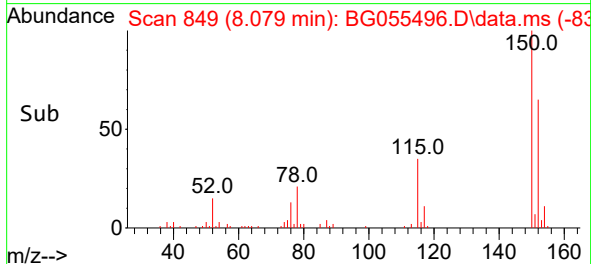
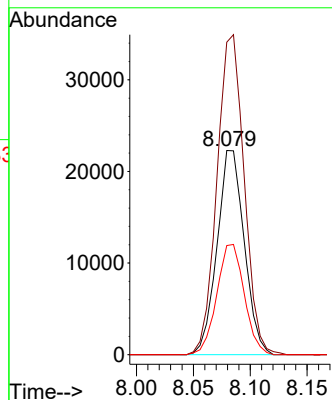
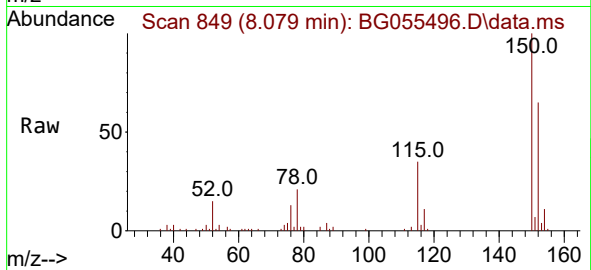




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.079 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG055496.D
Acq: 8 Nov 2022 3:46

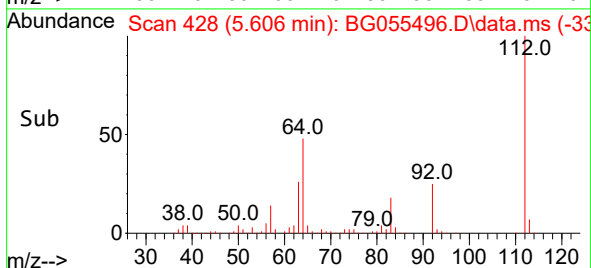
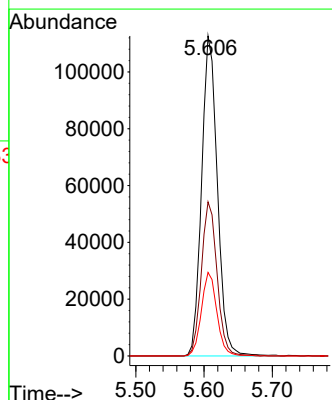
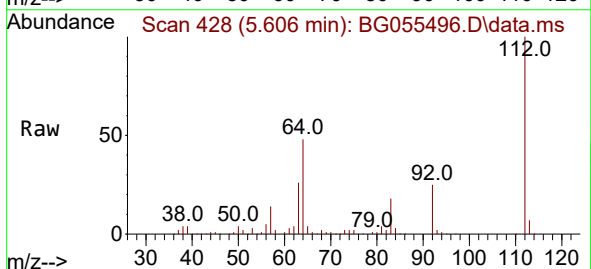
Instrument :
BNA_G
ClientSampleId :

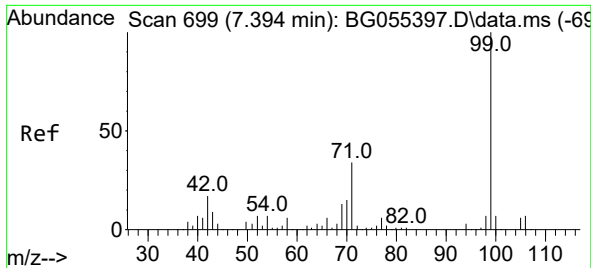
Tgt Ion:152 Resp: 37047
Ion Ratio Lower Upper
152 100
150 153.1 132.8 199.2
115 53.4 45.1 67.7



#5
2-Fluorophenol
Concen: 87.689 ng
RT: 5.606 min Scan# 428
Delta R.T. -0.003 min
Lab File: BG055496.D
Acq: 8 Nov 2022 3:46

Tgt Ion:112 Resp: 180895
Ion Ratio Lower Upper
112 100
64 48.2 47.2 70.8
63 26.1 24.3 36.5

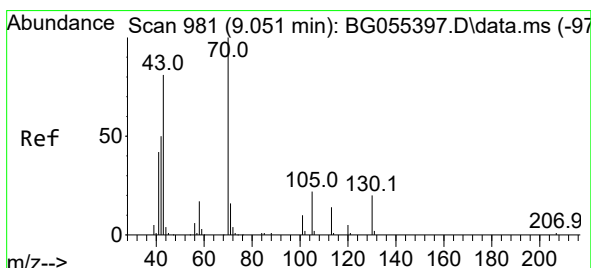
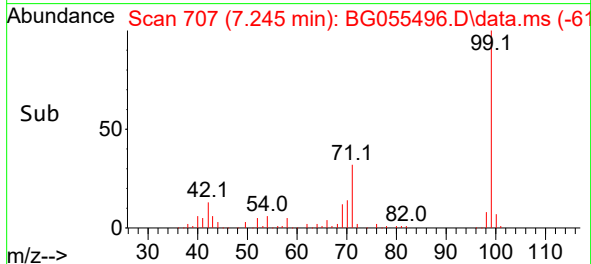
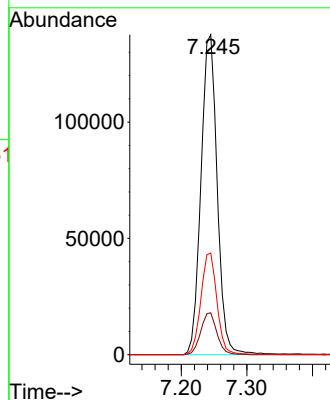
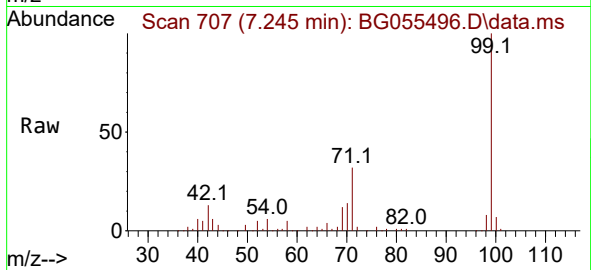




#7
Phenol-d6
Concen: 83.014 ng
RT: 7.245 min Scan# 70
Delta R.T. 0.003 min
Lab File: BG055496.D
Acq: 8 Nov 2022 3:46

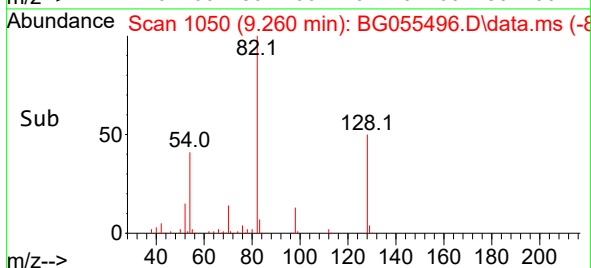
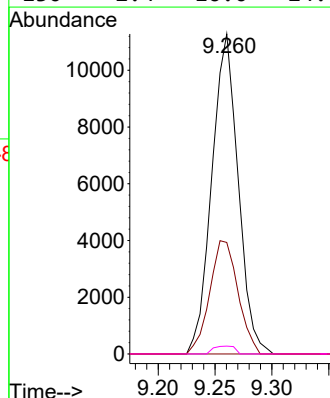
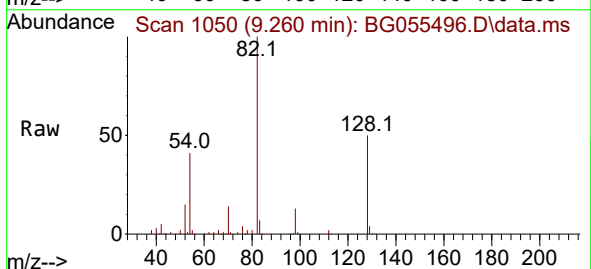
Instrument :
BNA_G
ClientSampleId :

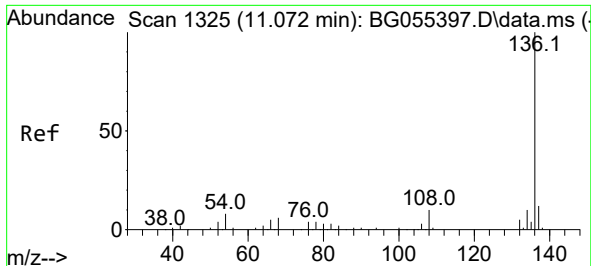
Tgt Ion: 99 Resp: 237483
Ion Ratio Lower Upper
99 100
42 13.1 13.5 20.3#
71 31.7 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 8.113 ng
RT: 9.260 min Scan# 1050
Delta R.T. 0.361 min
Lab File: BG055496.D
Acq: 8 Nov 2022 3:46

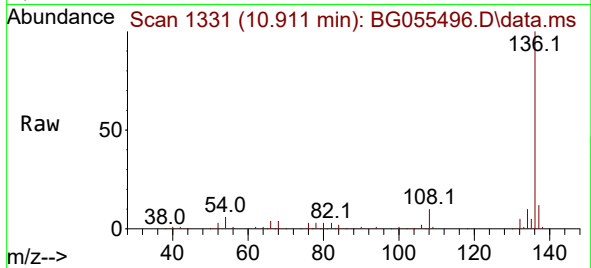
Tgt Ion: 70 Resp: 18136
Ion Ratio Lower Upper
70 100
42 34.9 40.6 61.0#
101 0.0 7.8 11.6#
130 2.4 16.0 24.0#



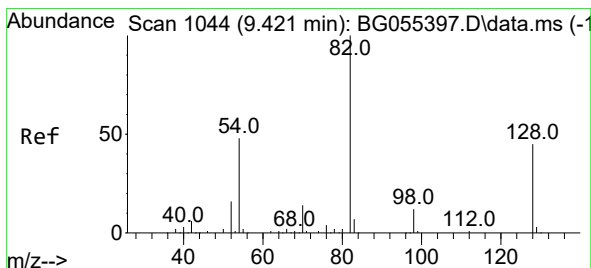
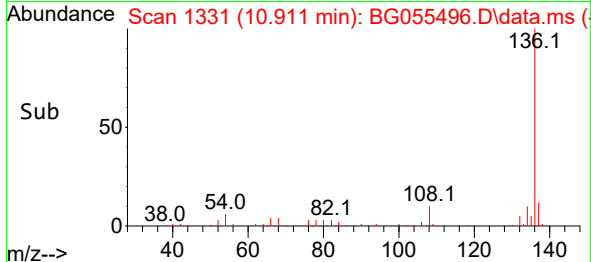
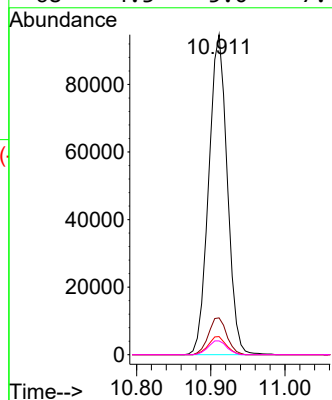


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.911 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055496.D
Acq: 8 Nov 2022 3:46

Instrument :
BNA_G
ClientSampleId :

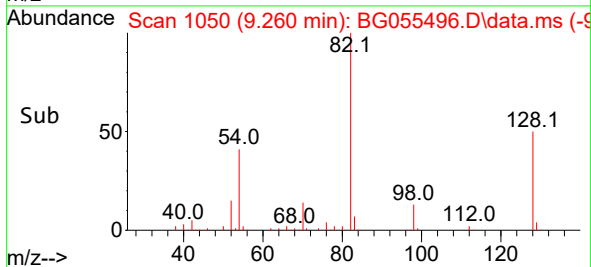
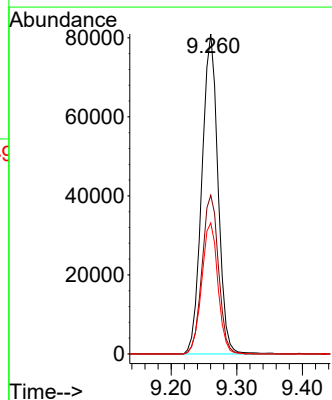
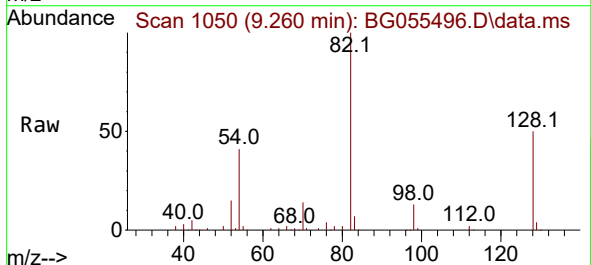


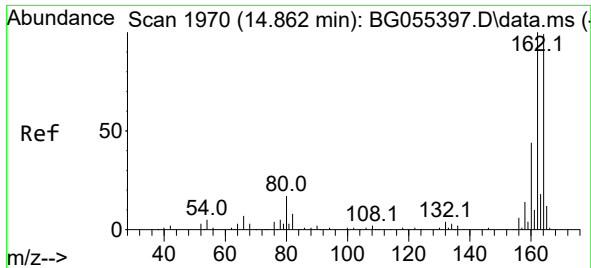
Tgt Ion:136 Resp: 164410
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.2
54 5.6 6.1 9.1#
68 4.3 5.0 7.4#



#23
Nitrobenzene-d5
Concen: 44.938 ng
RT: 9.260 min Scan# 1050
Delta R.T. -0.003 min
Lab File: BG055496.D
Acq: 8 Nov 2022 3:46

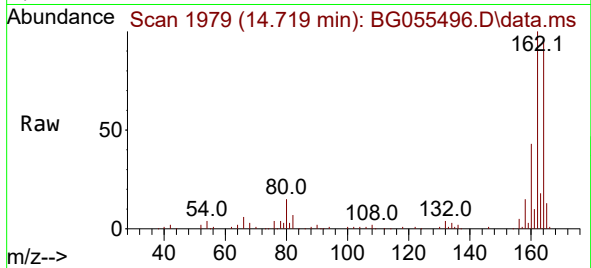
Tgt Ion: 82 Resp: 138629
Ion Ratio Lower Upper
82 100
128 49.6 35.8 53.8
54 41.0 38.1 57.1



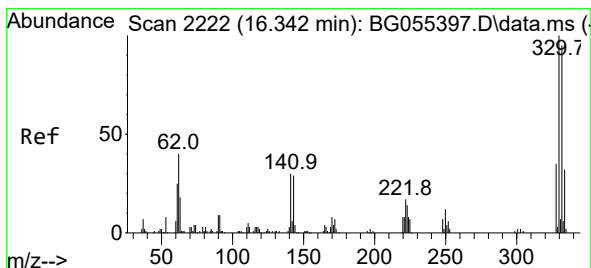
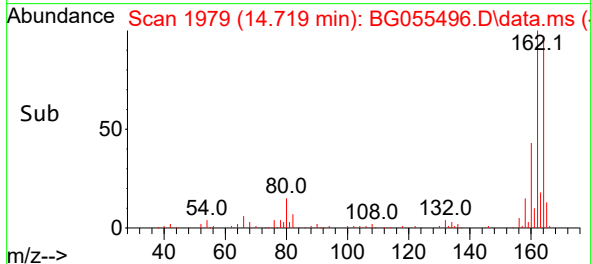
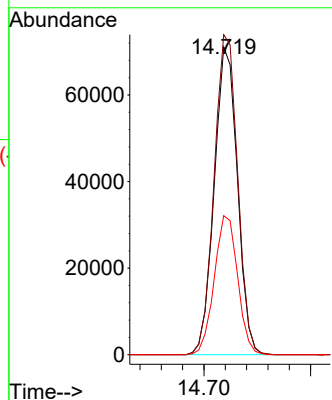


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.719 min Scan# 1970
Delta R.T. -0.009 min
Lab File: BG055496.D
Acq: 8 Nov 2022 3:46

Instrument :
BNA_G
ClientSampleId :

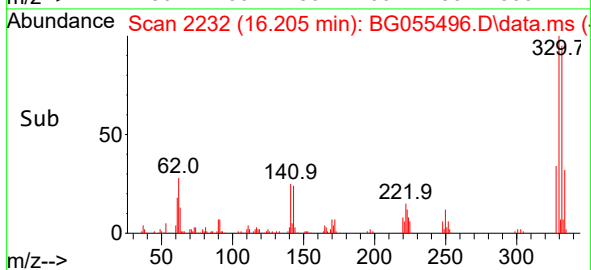
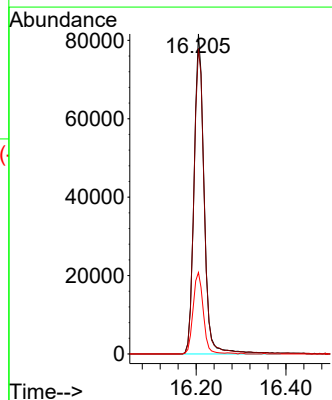
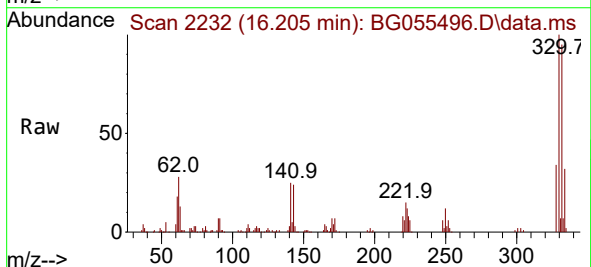


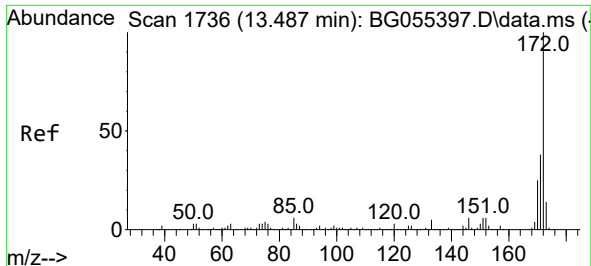
Tgt Ion:164 Resp: 107078
Ion Ratio Lower Upper
164 100
162 104.0 81.1 121.7
160 45.2 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 87.026 ng
RT: 16.205 min Scan# 2232
Delta R.T. -0.009 min
Lab File: BG055496.D
Acq: 8 Nov 2022 3:46

Tgt Ion:330 Resp: 127108
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.6
141 25.6 24.2 36.2

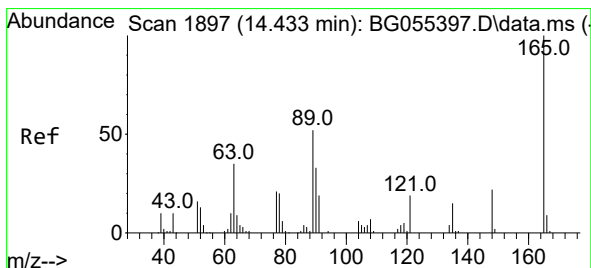
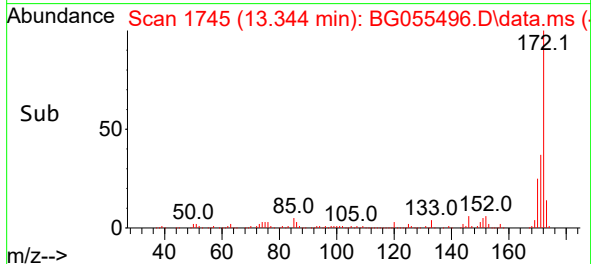
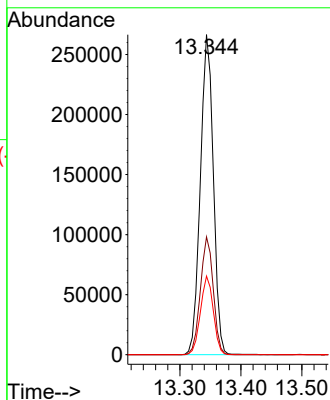
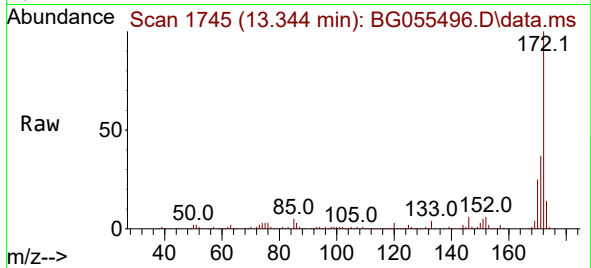




#45
2-Fluorobiphenyl
Concen: 54.578 ng
RT: 13.344 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055496.D
Acq: 8 Nov 2022 3:46

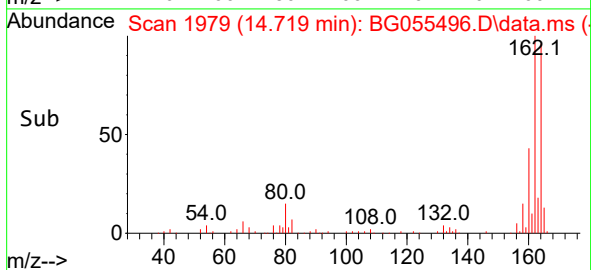
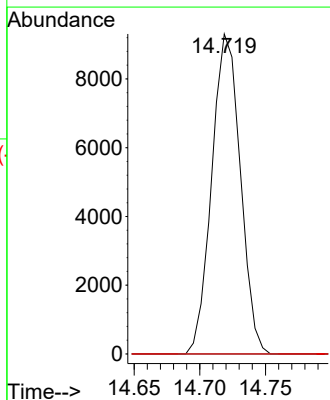
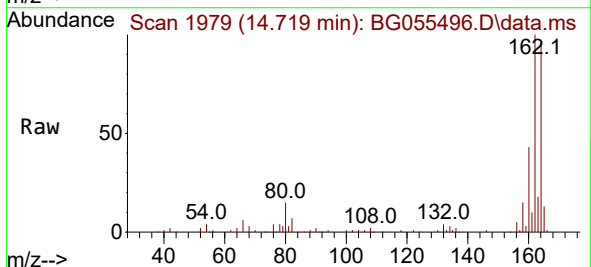
Instrument :
BNA_G
ClientSampleId :

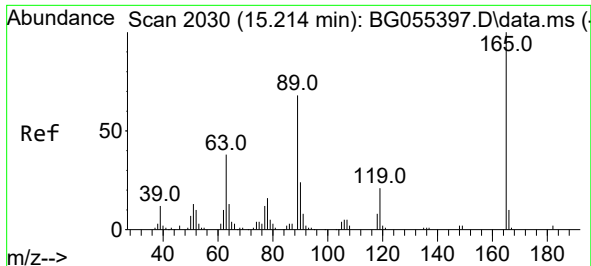
Tgt Ion:172 Resp: 394161
Ion Ratio Lower Upper
172 100
171 36.8 30.2 45.2
170 24.5 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.540 ng
RT: 14.719 min Scan# 1979
Delta R.T. 0.420 min
Lab File: BG055496.D
Acq: 8 Nov 2022 3:46

Tgt Ion:165 Resp: 14109
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: 5.273 ng

RT: 14.719 min Scan# 1979

Delta R.T. -0.373 min

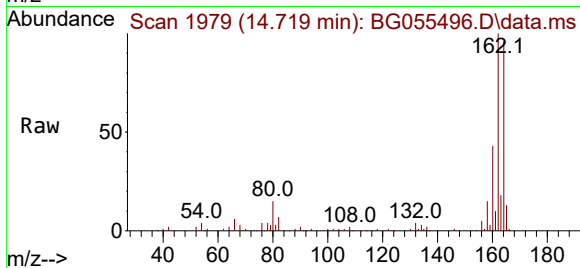
Lab File: BG055496.D

Acq: 8 Nov 2022 3:46

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 14109

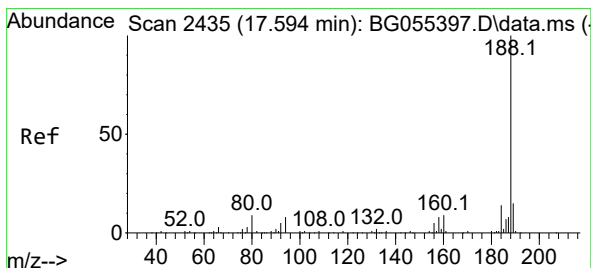
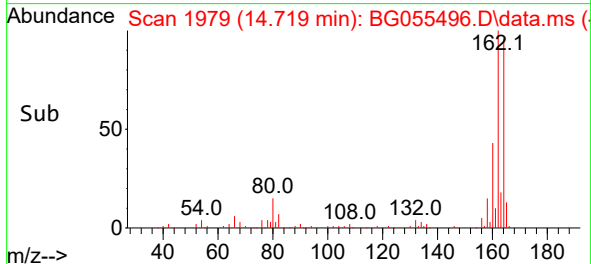
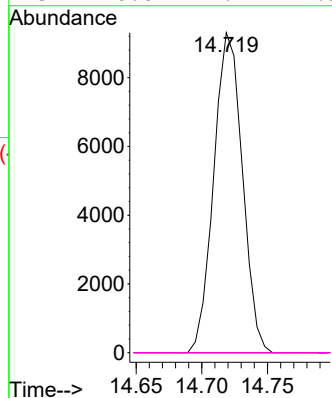
Ion Ratio Lower Upper

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: 17.457 min Scan# 2445

Delta R.T. -0.009 min

Lab File: BG055496.D

Acq: 8 Nov 2022 3:46

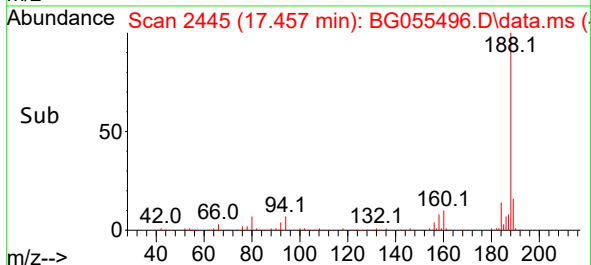
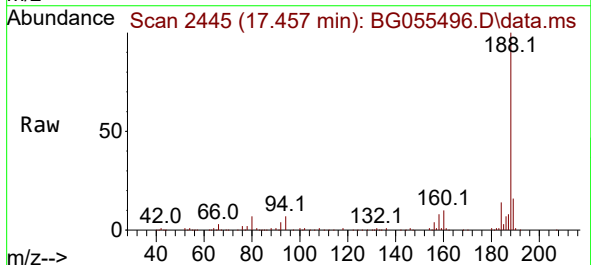
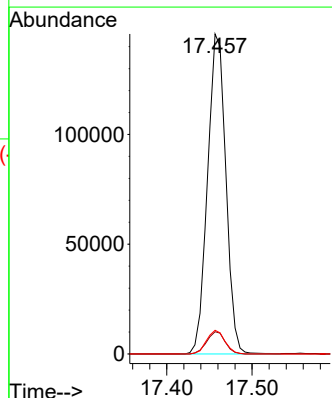
Tgt Ion:188 Resp: 217785

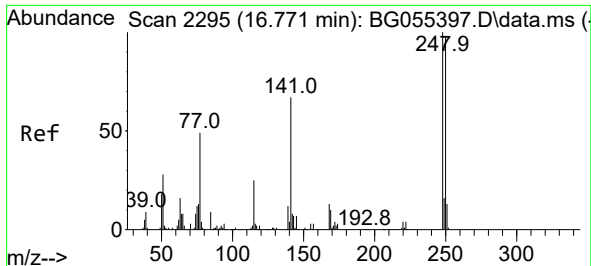
Ion Ratio Lower Upper

188 100

94 7.0 6.5 9.7

80 7.4 7.4 11.0

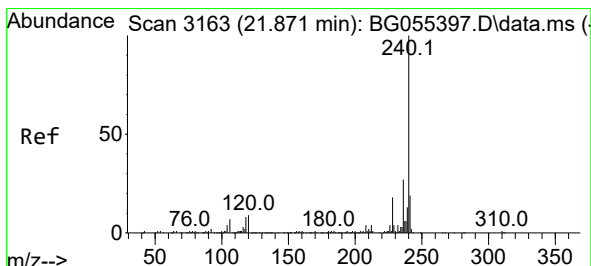
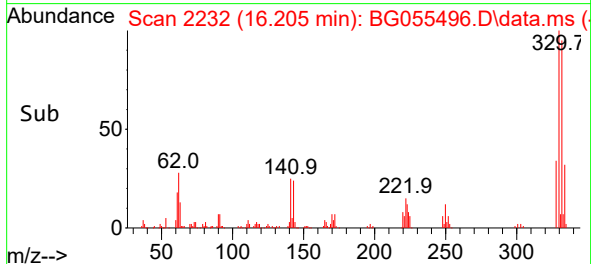
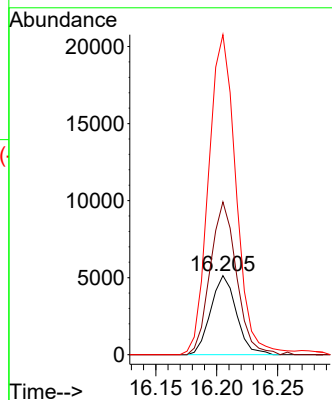
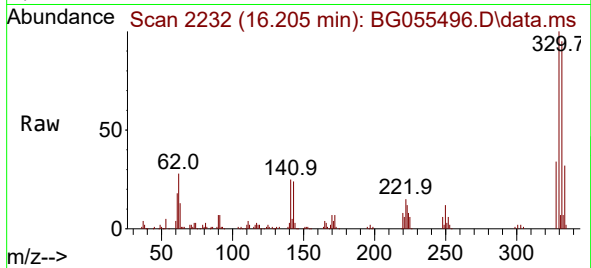




#67
4-Bromophenyl-phenylether
Concen: 2.928 ng
RT: 16.205 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG055496.D
Acq: 8 Nov 2022 3:46

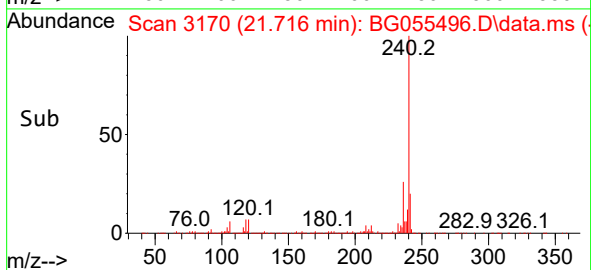
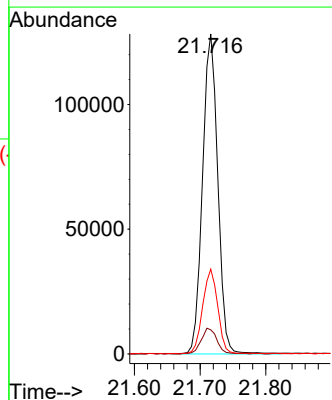
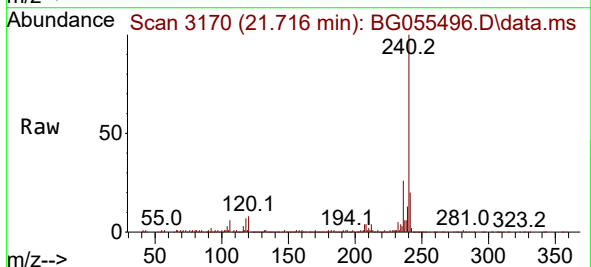
Instrument :
BNA_G
ClientSampleId :

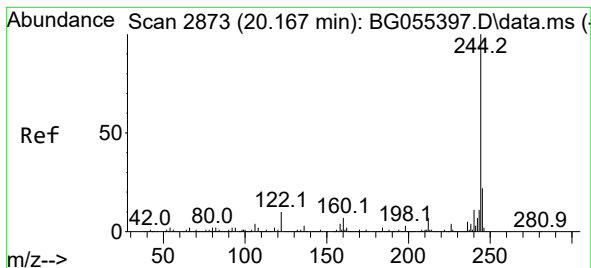
Tgt Ion:248 Resp: 7537
Ion Ratio Lower Upper
248 100
250 193.2 78.3 117.5#
141 404.7 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.716 min Scan# 3170
Delta R.T. -0.009 min
Lab File: BG055496.D
Acq: 8 Nov 2022 3:46

Tgt Ion:240 Resp: 207818
Ion Ratio Lower Upper
240 100
120 7.6 6.9 10.3
236 26.5 21.5 32.3





#79

Terphenyl-d14

Concen: 52.656 ng

RT: 20.048 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG055496.D

Acq: 8 Nov 2022 3:46

Instrument :

BNA_G

ClientSampleId :

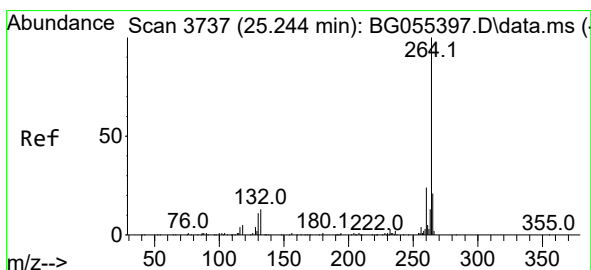
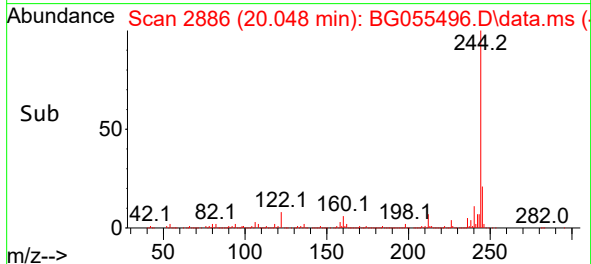
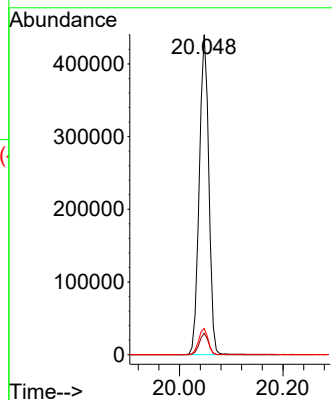
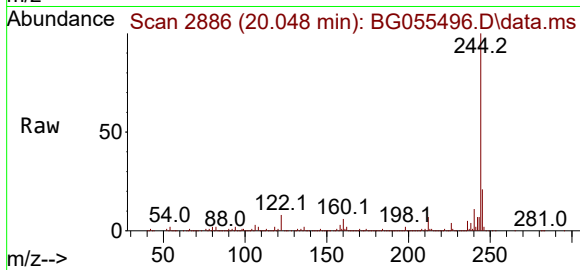
Tgt Ion:244 Resp: 562751

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

122 8.2 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.977 min Scan# 3725

Delta R.T. -0.009 min

Lab File: BG055496.D

Acq: 8 Nov 2022 3:46

Tgt Ion:264 Resp: 237447

Ion Ratio Lower Upper

264 100

260 24.5 18.9 28.3

265 22.3 17.1 25.7

