

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
 Data File : BG055409.D
 Acq On : 2 Nov 2022 10:30
 Operator : CG/JU
 Sample : PB148683BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148683BL

Quant Time: Nov 03 06:07:19 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)

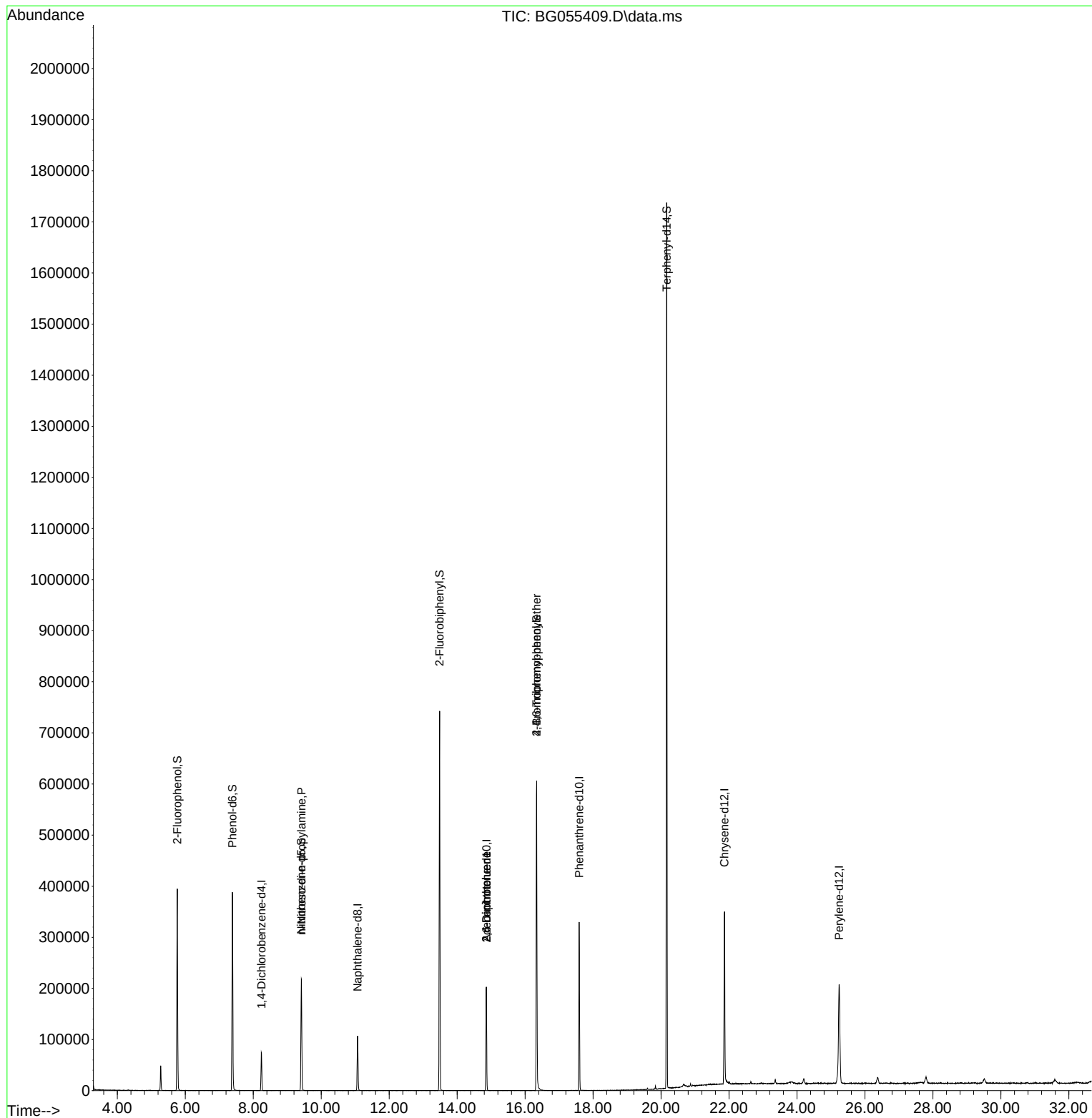
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.244	152	22641	20.000	ng	0.00
21) Naphthalene-d8	11.070	136	99395	20.000	ng	0.00
39) Acenaphthene-d10	14.859	164	77628	20.000	ng	0.00
64) Phenanthrene-d10	17.592	188	205610	20.000	ng	0.00
76) Chrysene-d12	21.869	240	215133	20.000	ng	0.00
86) Perylene-d12	25.241	264	229222	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.764	112	183678	145.690	ng	0.00
7) Phenol-d6	7.386	99	241757	138.279	ng	0.00
23) Nitrobenzene-d5	9.413	82	142334	76.318	ng	0.00
42) 2,4,6-Tribromophenol	16.340	330	142952	135.005	ng	0.00
45) 2-Fluorobiphenyl	13.485	172	394489	75.345	ng	0.00
79) Terphenyl-d14	20.165	244	882230	79.743	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.419	70	18630	13.637	ng	# 76
51) 2,6-Dinitrotoluene	14.859	165	10142	7.476	ng	# 27
57) 2,4-Dinitrotoluene	14.859	165	10142	5.229	ng	# 25
67) 4-Bromophenyl-phenylether	16.340	248	8768	3.607	ng	# 1

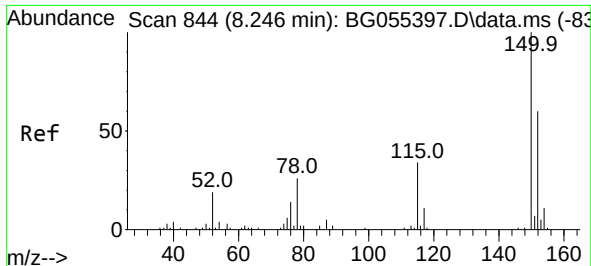
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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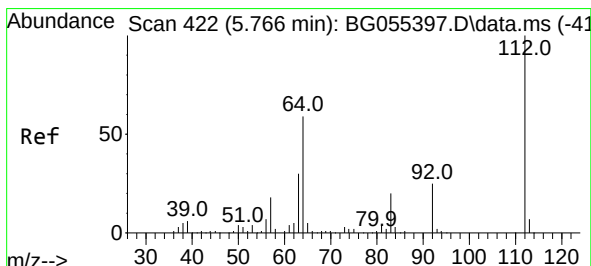
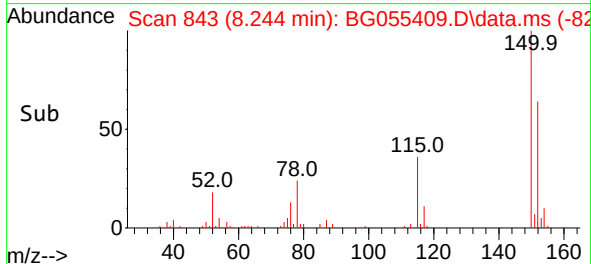
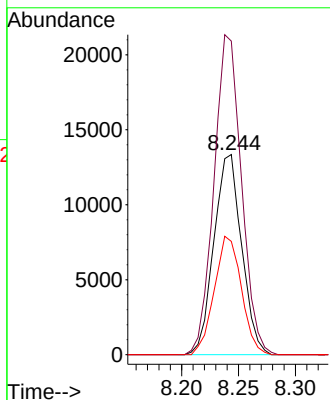
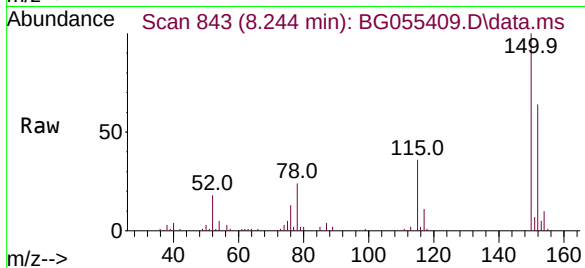




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.244 min Scan# 844
Delta R.T. -0.002 min
Lab File: BG055409.D
Acq: 2 Nov 2022 10:30

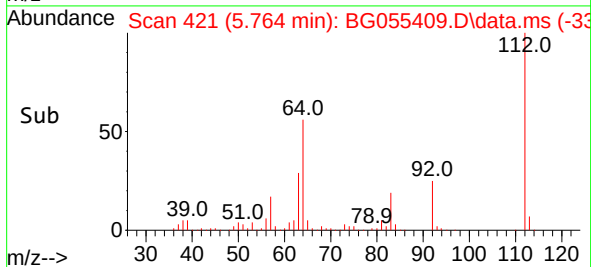
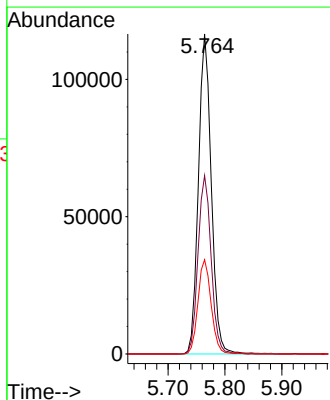
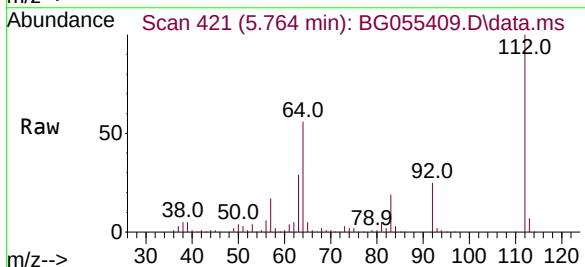
Instrument :
BNA_G
ClientSampleId :
PB148683BL

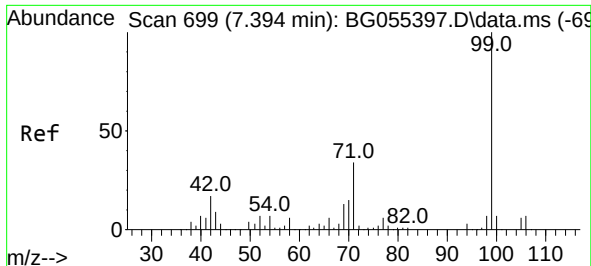
Tgt Ion:152 Resp: 22641
Ion Ratio Lower Upper
152 100
150 156.8 132.8 199.2
115 56.6 45.1 67.7



#5
2-Fluorophenol
Concen: 145.690 ng
RT: 5.764 min Scan# 421
Delta R.T. -0.002 min
Lab File: BG055409.D
Acq: 2 Nov 2022 10:30

Tgt Ion:112 Resp: 183678
Ion Ratio Lower Upper
112 100
64 55.8 47.2 70.8
63 29.5 24.3 36.5

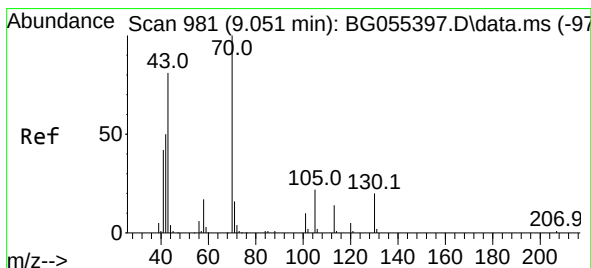
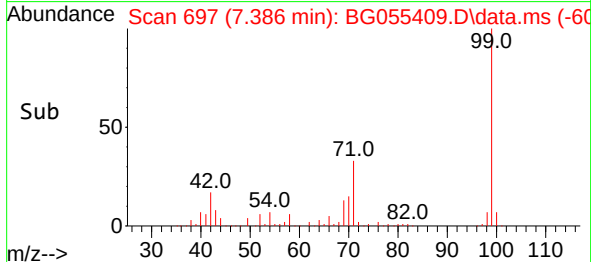
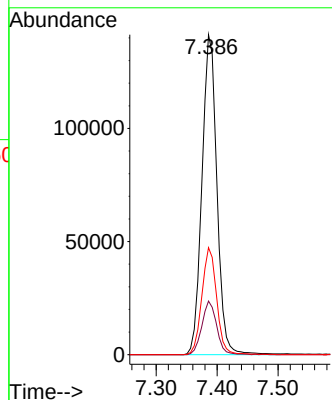
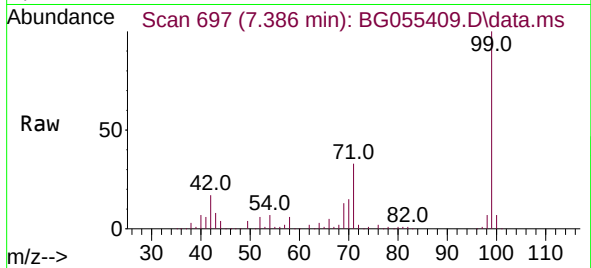




#7
Phenol-d6
Concen: 138.279 ng
RT: 7.386 min Scan# 69
Delta R.T. -0.008 min
Lab File: BG055409.D
Acq: 2 Nov 2022 10:30

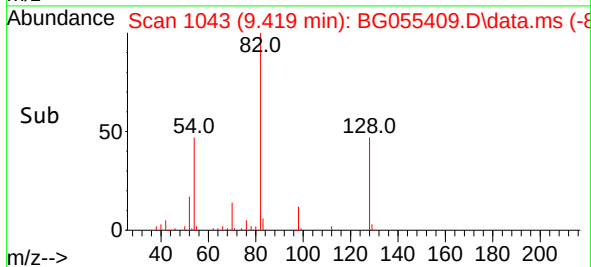
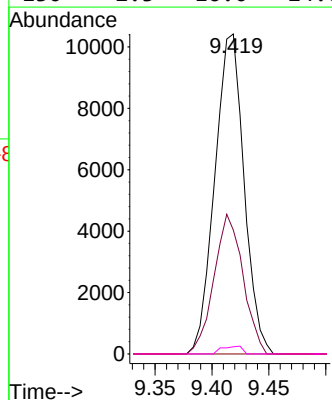
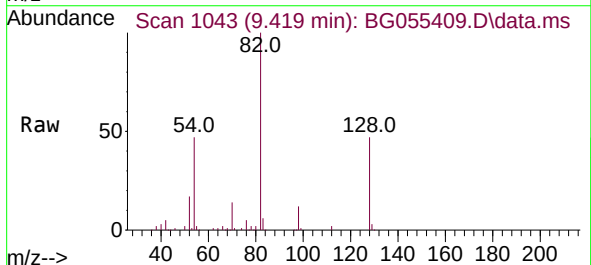
Instrument :
BNA_G
ClientSampleId :
PB148683BL

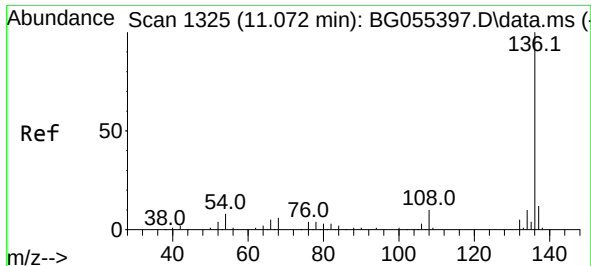
Tgt Ion: 99 Resp: 241757
Ion Ratio Lower Upper
99 100
42 16.7 13.5 20.3
71 33.5 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.637 ng
RT: 9.419 min Scan# 1043
Delta R.T. 0.368 min
Lab File: BG055409.D
Acq: 2 Nov 2022 10:30

Tgt Ion: 70 Resp: 18630
Ion Ratio Lower Upper
70 100
42 38.7 40.6 61.0#
101 0.0 7.8 11.6#
130 2.3 16.0 24.0#

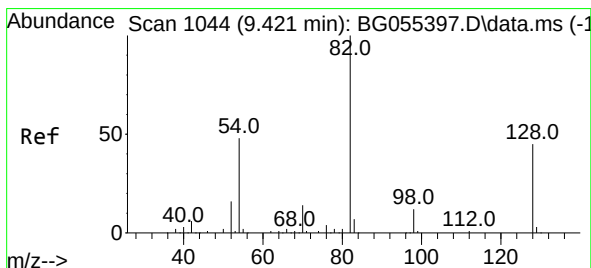
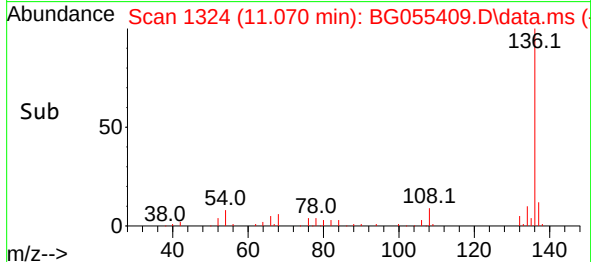
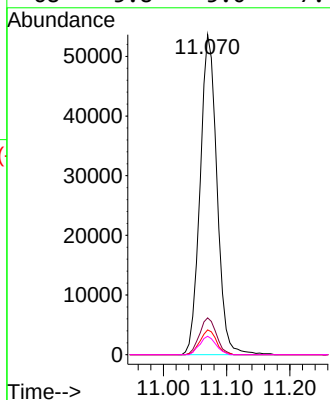
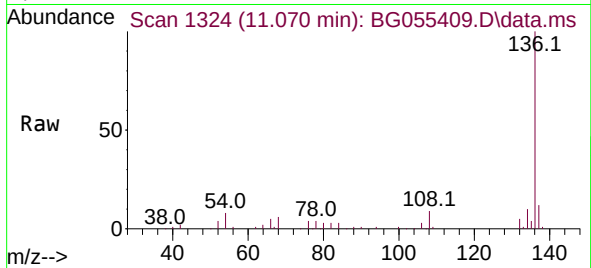




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.070 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG055409.D
Acq: 2 Nov 2022 10:30

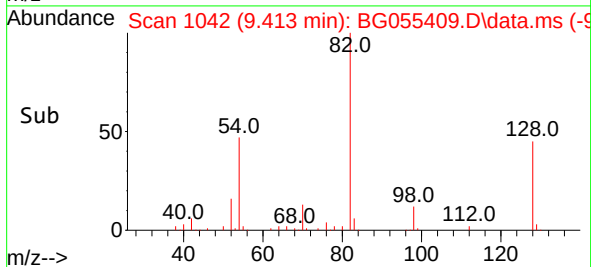
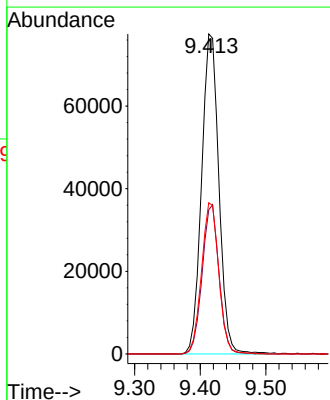
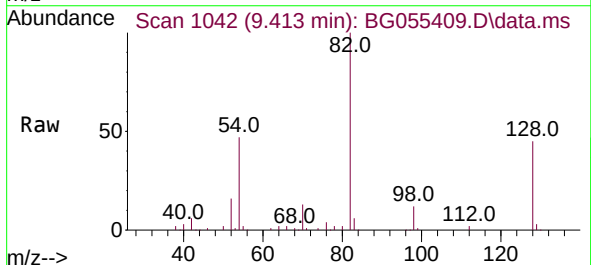
Instrument :
BNA_G
ClientSampleId :
PB148683BL

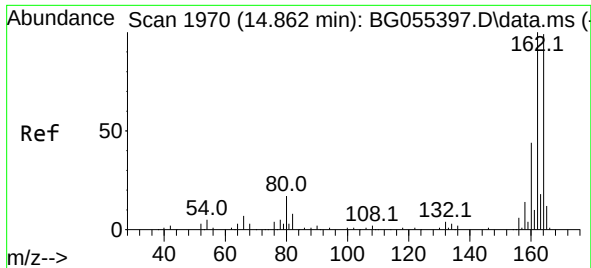
Tgt Ion:	136	Resp:	99395
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.4	14.2
54	7.7	6.1	9.1
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 76.318 ng
RT: 9.413 min Scan# 1042
Delta R.T. -0.008 min
Lab File: BG055409.D
Acq: 2 Nov 2022 10:30

Tgt Ion:	82	Resp:	142334
Ion Ratio	Lower	Upper	
82	100		
128	45.0	35.8	53.8
54	47.3	38.1	57.1

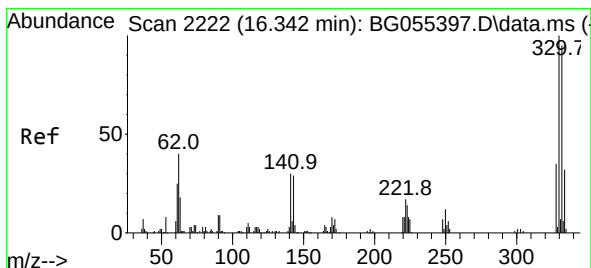
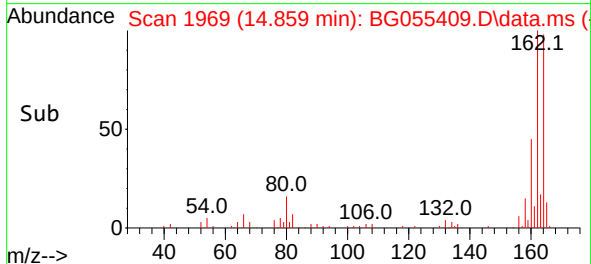
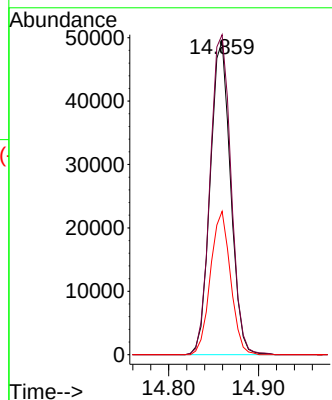
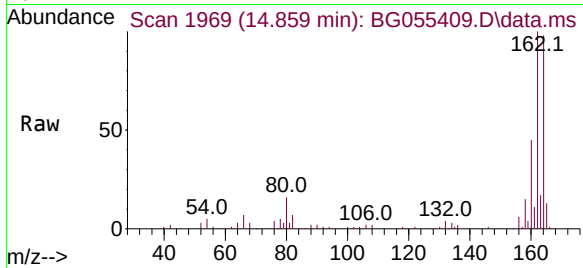




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.859 min Scan# 1969
Delta R.T. -0.003 min
Lab File: BG055409.D
Acq: 2 Nov 2022 10:30

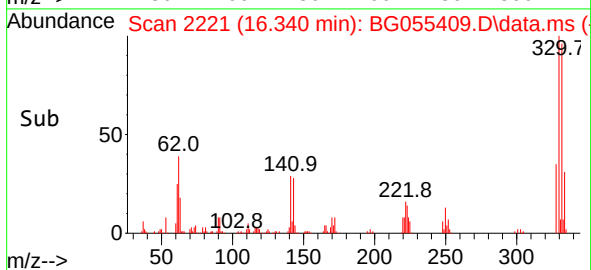
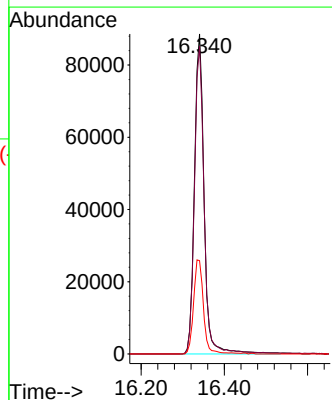
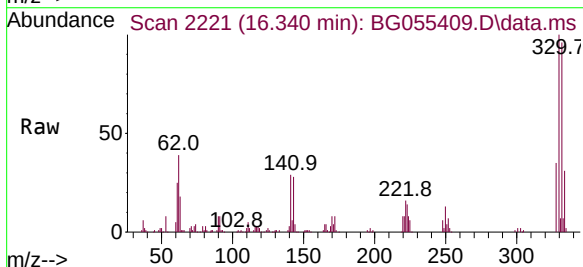
Instrument :
BNA_G
ClientSampleId :
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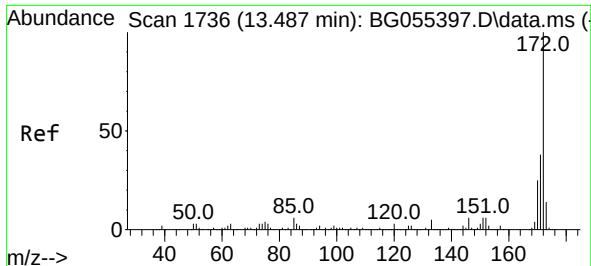
Tgt Ion:164 Resp: 77628
Ion Ratio Lower Upper
164 100
162 102.0 81.1 121.7
160 45.7 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 135.005 ng
RT: 16.340 min Scan# 2221
Delta R.T. -0.002 min
Lab File: BG055409.D
Acq: 2 Nov 2022 10:30

Tgt Ion:330 Resp: 142952
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.6
141 30.2 24.2 36.2

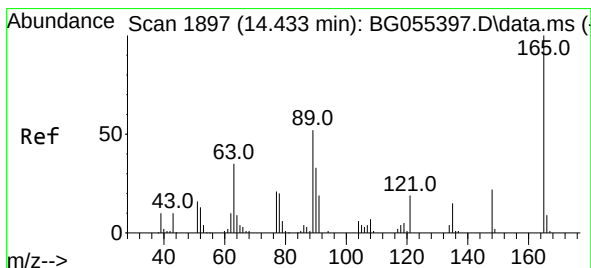
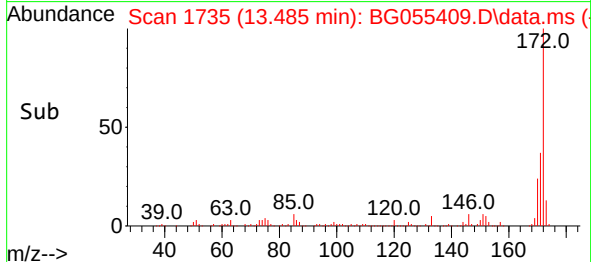
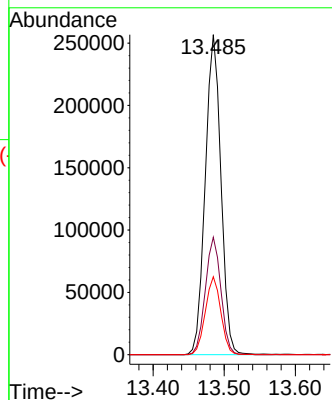
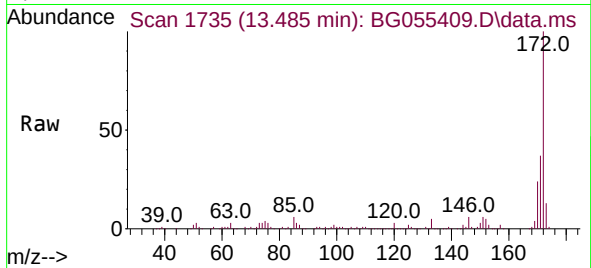




#45
 2-Fluorobiphenyl
 Concen: 75.345 ng
 RT: 13.485 min Scan# 1
 Delta R.T. -0.002 min
 Lab File: BG055409.D
 Acq: 2 Nov 2022 10:30

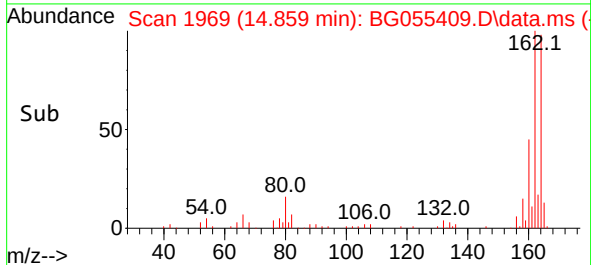
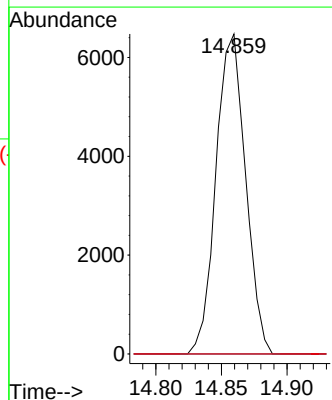
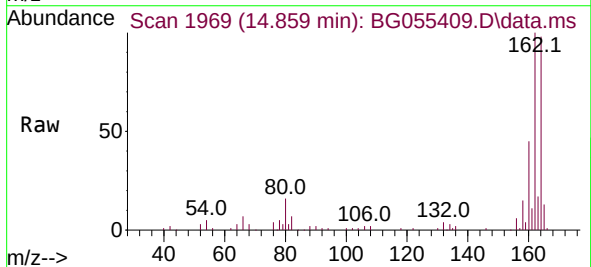
Instrument :
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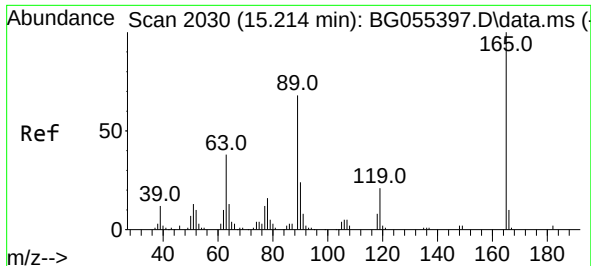
Tgt Ion:172 Resp: 394489
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.2 45.2
 170 24.3 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.476 ng
 RT: 14.859 min Scan# 1969
 Delta R.T. 0.426 min
 Lab File: BG055409.D
 Acq: 2 Nov 2022 10:30

Tgt Ion:165 Resp: 10142
 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: 5.229 ng

RT: 14.859 min Scan# 1969

Delta R.T. -0.355 min

Lab File: BG055409.D

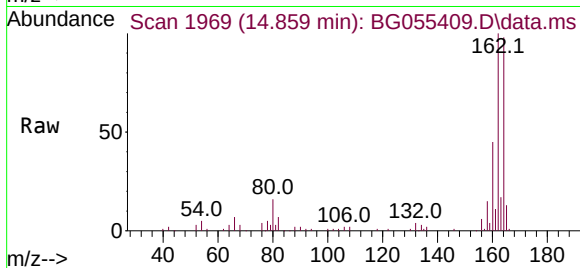
Acq: 2 Nov 2022 10:30

Instrument :

BNA_G

ClientSampleId :

PB148683BL



Tgt Ion:165 Resp: 10142

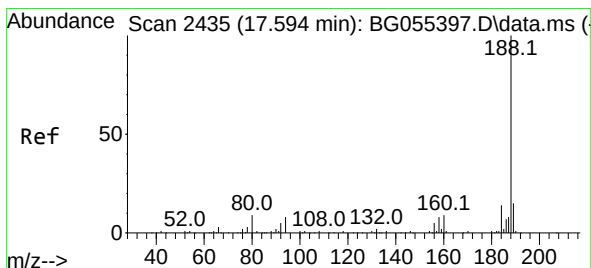
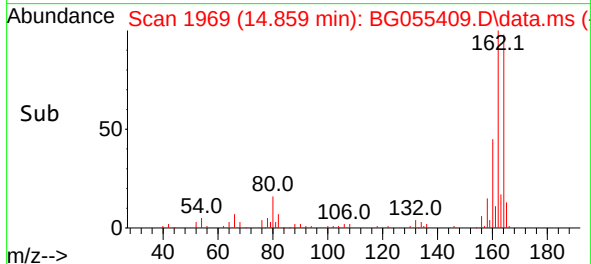
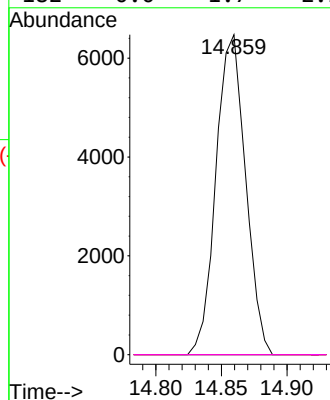
Ion Ratio Lower Upper

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: 17.592 min Scan# 2434

Delta R.T. -0.002 min

Lab File: BG055409.D

Acq: 2 Nov 2022 10:30

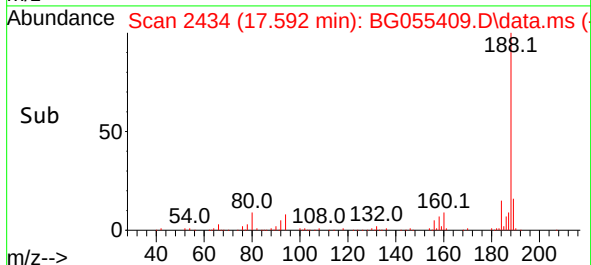
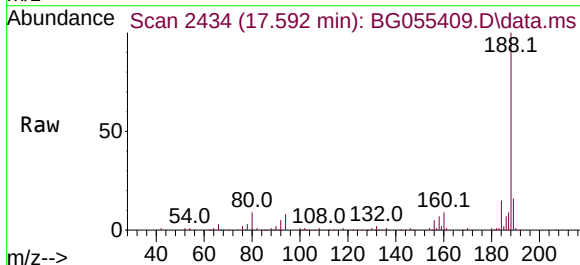
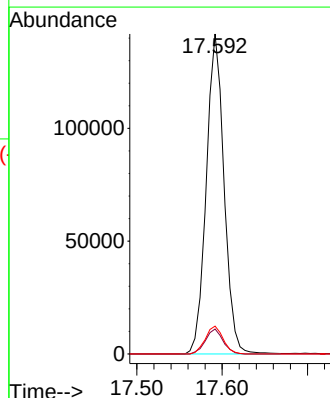
Tgt Ion:188 Resp: 205610

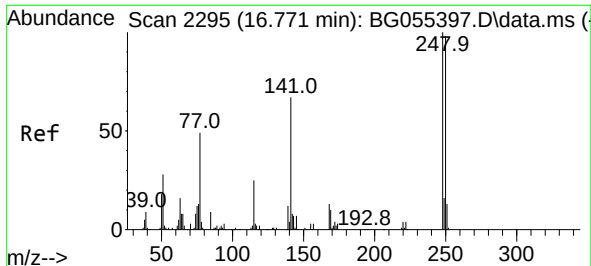
Ion Ratio Lower Upper

188 100

94 7.8 6.5 9.7

80 8.7 7.4 11.0

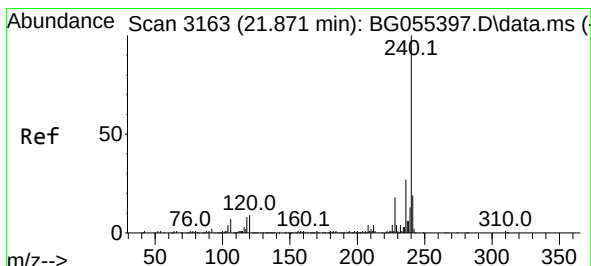
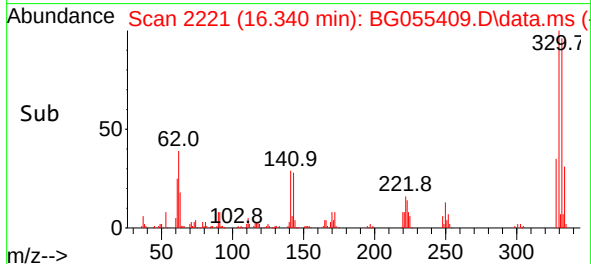
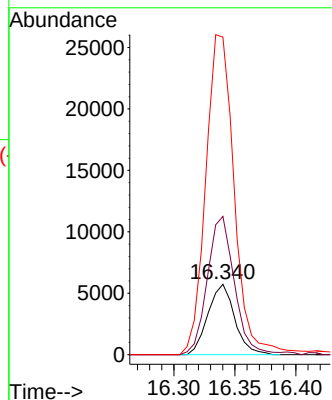
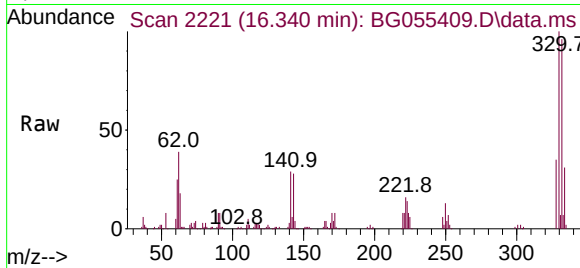




#67
4-Bromophenyl-phenylether
Concen: 3.607 ng
RT: 16.340 min Scan# 21
Delta R.T. -0.431 min
Lab File: BG055409.D
Acq: 2 Nov 2022 10:30

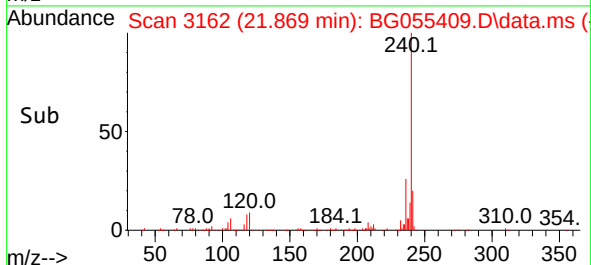
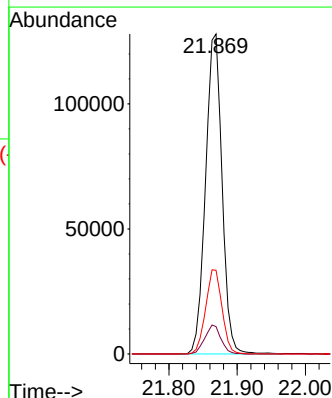
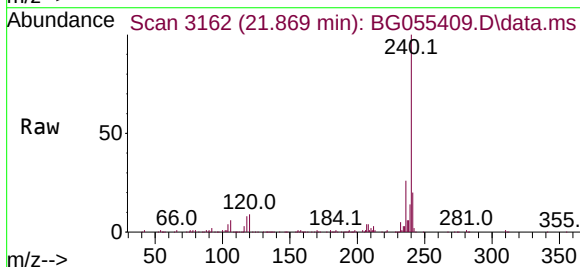
Instrument :
BNA_G
ClientSampleId :
PB148683BL

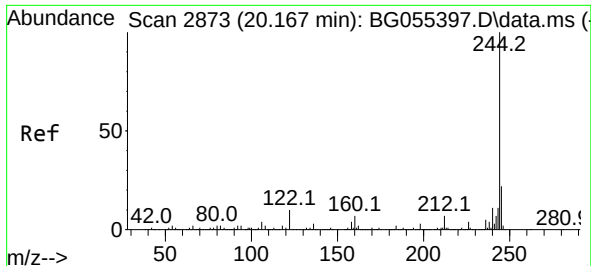
Tgt Ion:248 Resp: 8768
Ion Ratio Lower Upper
248 100
250 196.4 78.3 117.5#
141 451.3 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.869 min Scan# 3162
Delta R.T. -0.002 min
Lab File: BG055409.D
Acq: 2 Nov 2022 10:30

Tgt Ion:240 Resp: 215133
Ion Ratio Lower Upper
240 100
120 8.6 6.9 10.3
236 26.2 21.5 32.3

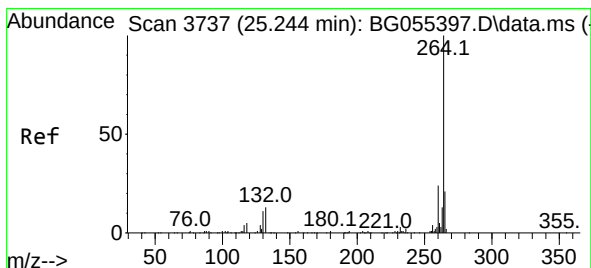
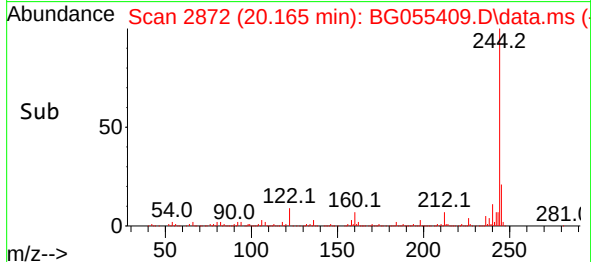
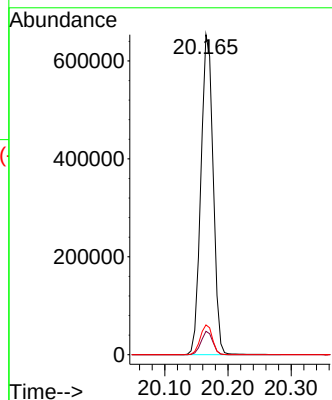
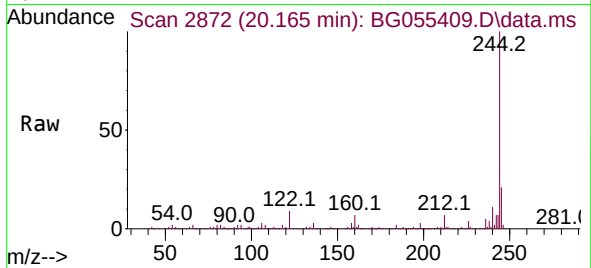




#79
 Terphenyl-d14
 Concen: 79.743 ng
 RT: 20.165 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG055409.D
 Acq: 2 Nov 2022 10:30

Instrument :
 BNA_G
 ClientSampleId :
 PB148683BL

Tgt Ion:244 Resp: 882230
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 9.3 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.241 min Scan# 3736
 Delta R.T. -0.002 min
 Lab File: BG055409.D
 Acq: 2 Nov 2022 10:30

Tgt Ion:264 Resp: 229222
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 22.0 17.1 25.7

