

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
 Data File : BG061112.D
 Acq On : 3 May 2024 18:54
 Operator : MA/JU
 Sample : P2362-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 INSIDE

Quant Time: May 03 23:01:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

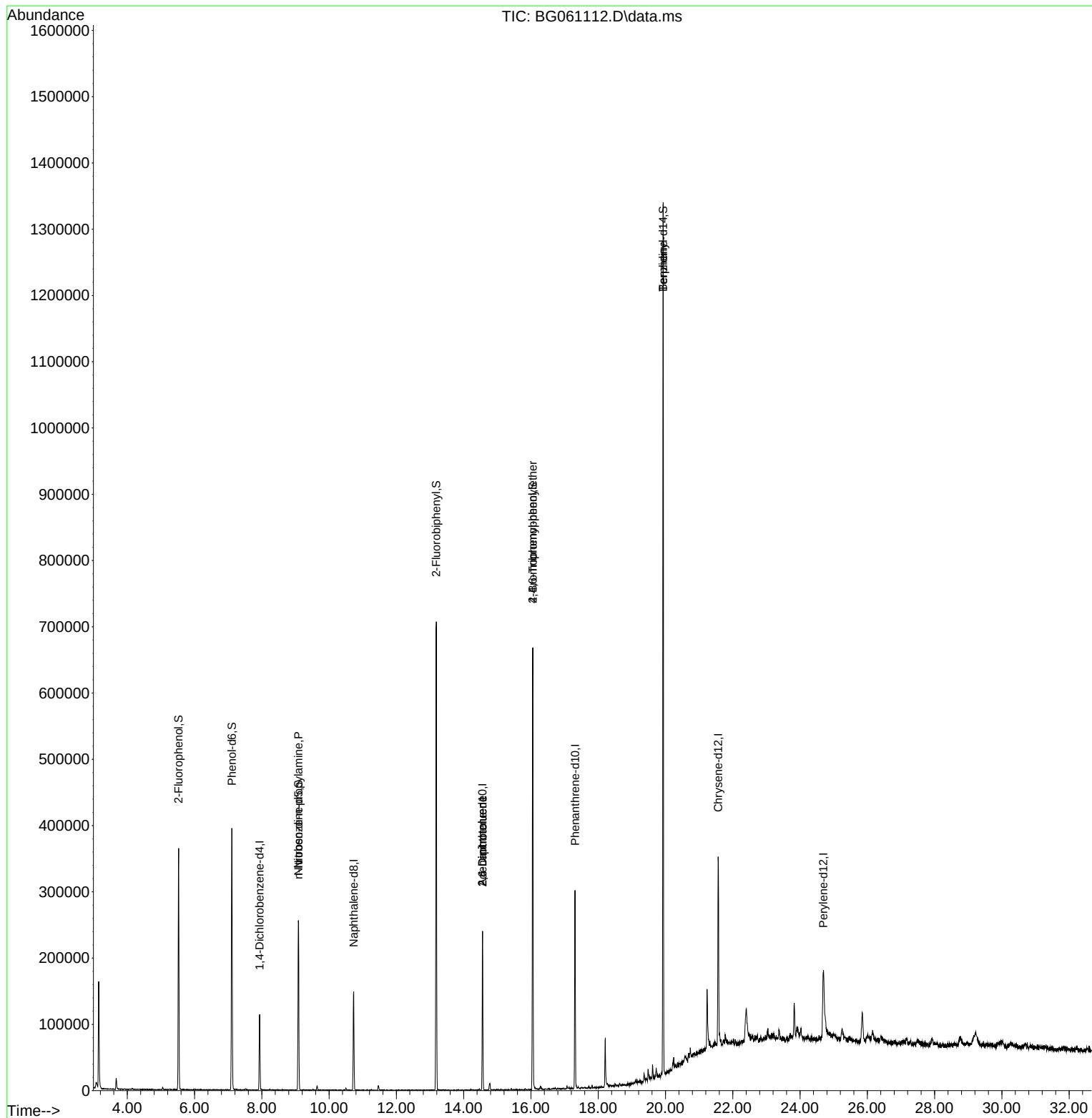
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	29819	20.000	ng	-0.03
21) Naphthalene-d8	10.732	136	115910	20.000	ng	#-0.03
39) Acenaphthene-d10	14.563	164	86400	20.000	ng	-0.03
64) Phenanthrene-d10	17.312	188	192506	20.000	ng	-0.02
76) Chrysene-d12	21.566	240	192798	20.000	ng	-0.03
86) Perylene-d12	24.692	264	168283	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	128107	87.372	ng	-0.02
7) Phenol-d6	7.113	99	182654	84.211	ng	-0.02
23) Nitrobenzene-d5	9.087	82	133546	57.115	ng	-0.03
42) 2,4,6-Tribromophenol	16.055	330	144873	83.888	ng	-0.02
45) 2-Fluorobiphenyl	13.188	172	378092	64.710	ng	-0.02
79) Terphenyl-d14	19.933	244	693764	59.846	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.107	77	534	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	9.093	70	19538	12.037	ng	# 63
51) 2,6-Dinitrotoluene	14.563	165	11131	7.798	ng	# 19
57) 2,4-Dinitrotoluene	14.563	165	11131	5.271	ng	# 20
67) 4-Bromophenyl-phenylether	16.055	248	8623	3.802	ng	# 1
77) Benzidine	19.927	184	11741	5.809	ng	# 89

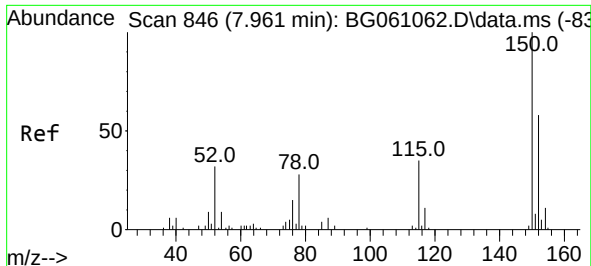
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050324\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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BNA_G
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Quant Time: May 03 23:01:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

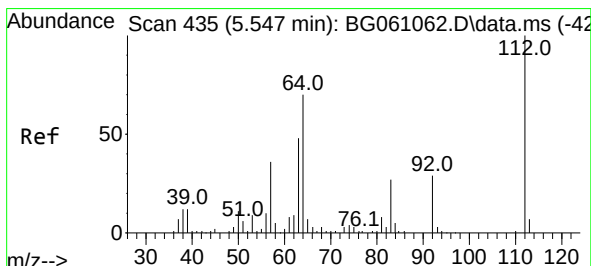
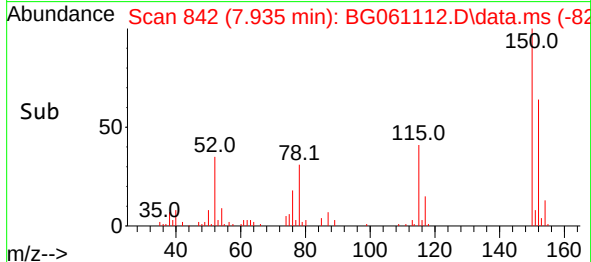
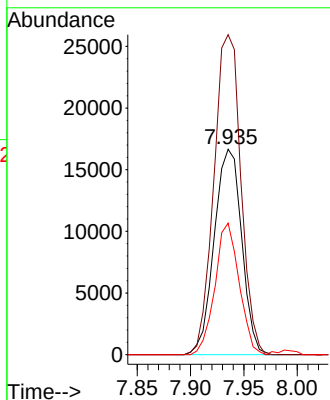
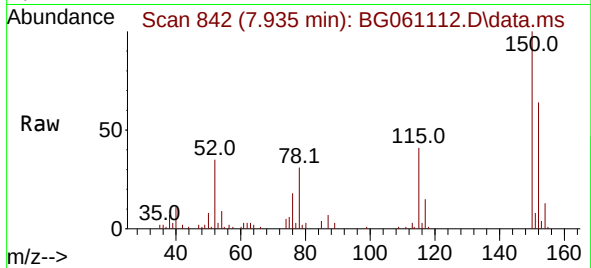




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 846
Delta R.T. -0.026 min
Lab File: BG061112.D
Acq: 3 May 2024 18:54

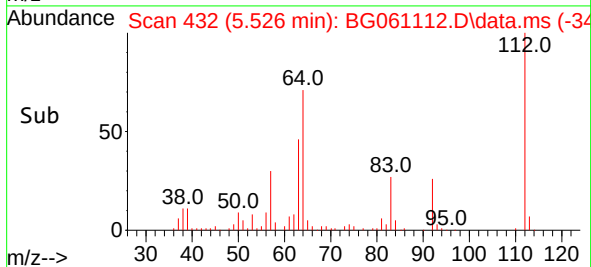
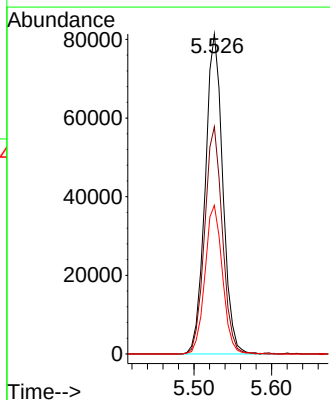
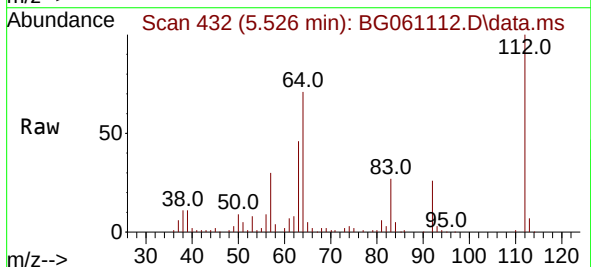
Instrument :
BNA_G
ClientSampleId :
INSIDE

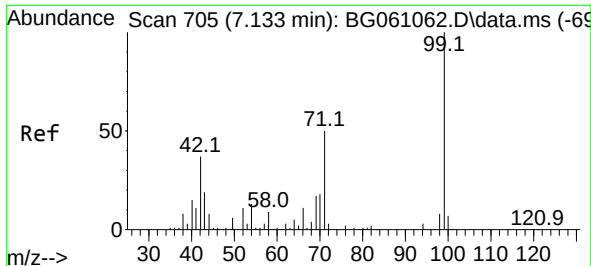
Tgt Ion:152 Resp: 29819
Ion Ratio Lower Upper
152 100
150 155.8 138.3 207.5
115 64.1 48.0 72.0



#5
2-Fluorophenol
Concen: 87.372 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.020 min
Lab File: BG061112.D
Acq: 3 May 2024 18:54

Tgt Ion:112 Resp: 128107
Ion Ratio Lower Upper
112 100
64 71.0 55.7 83.5
63 46.4 38.1 57.1

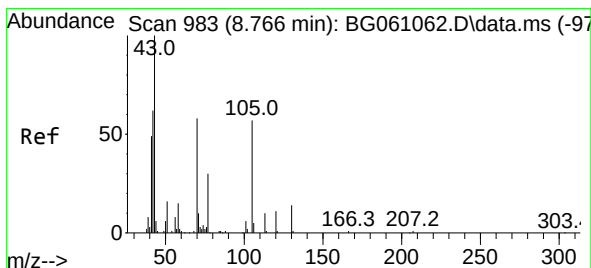
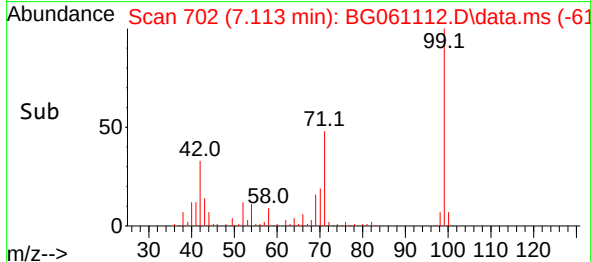
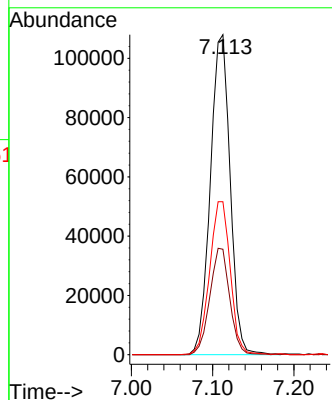
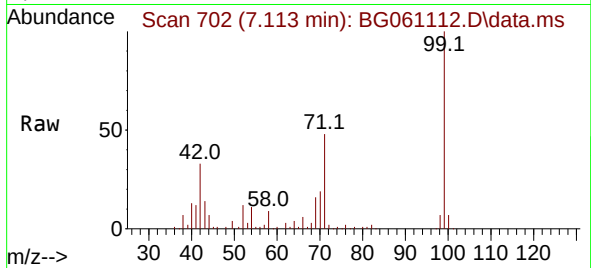




#7
Phenol-d6
Concen: 84.211 ng
RT: 7.113 min Scan# 705
Delta R.T. -0.020 min
Lab File: BG061112.D
Acq: 3 May 2024 18:54

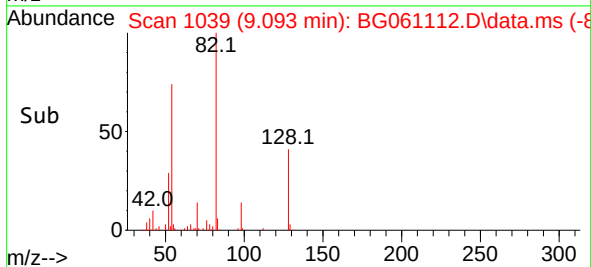
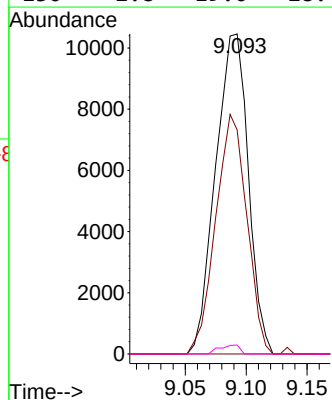
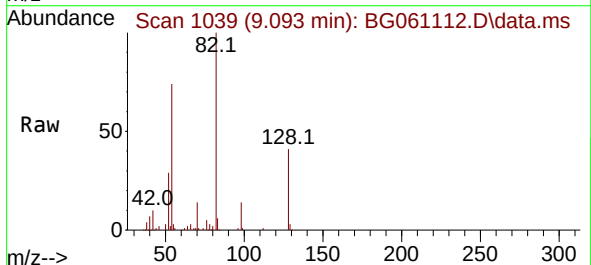
Instrument :
BNA_G
ClientSampleId :
INSIDE

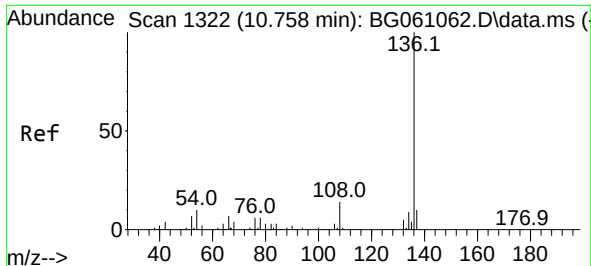
Tgt Ion: 99 Resp: 182654
Ion Ratio Lower Upper
99 100
42 33.0 29.2 43.8
71 47.8 39.7 59.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.037 ng
RT: 9.093 min Scan# 1039
Delta R.T. 0.326 min
Lab File: BG061112.D
Acq: 3 May 2024 18:54

Tgt Ion: 70 Resp: 19538
Ion Ratio Lower Upper
70 100
42 70.0 86.4 129.6#
101 0.0 7.8 11.8#
130 2.8 19.0 28.4#

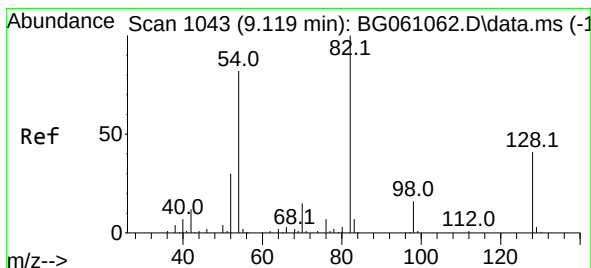
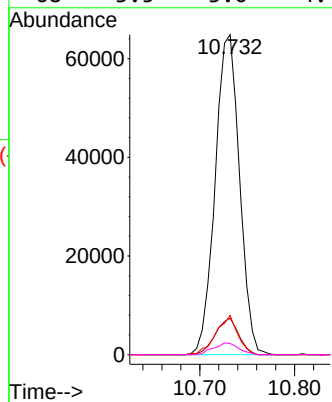
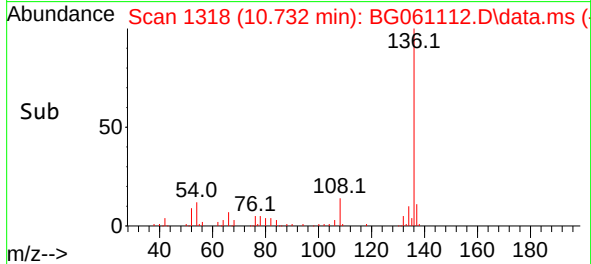
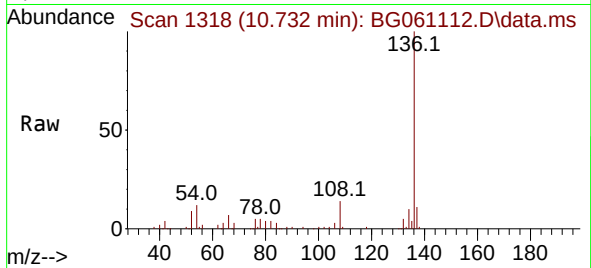




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 11
Delta R.T. -0.026 min
Lab File: BG061112.D
Acq: 3 May 2024 18:54

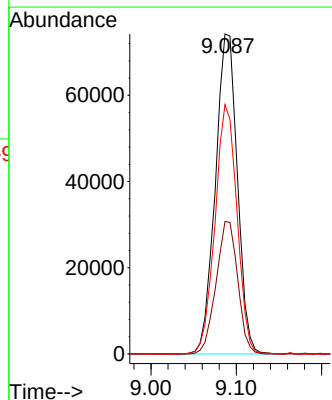
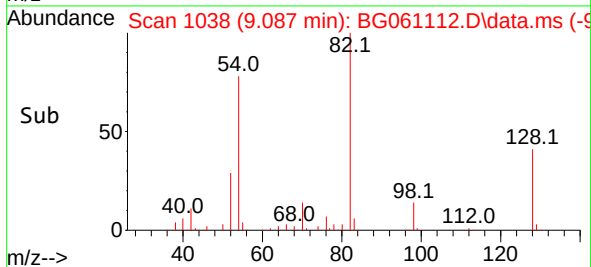
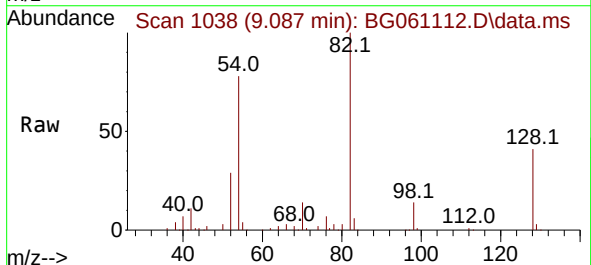
Instrument :
BNA_G
ClientSampleId :
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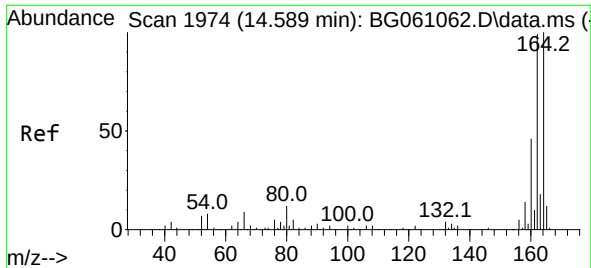
Tgt Ion:136 Resp: 115910
Ion Ratio Lower Upper
136 100
137 11.4 7.8 11.6
54 12.3 8.1 12.1#
68 3.5 3.0 4.4



#23
Nitrobenzene-d5
Concen: 57.115 ng
RT: 9.087 min Scan# 1038
Delta R.T. -0.032 min
Lab File: BG061112.D
Acq: 3 May 2024 18:54

Tgt Ion: 82 Resp: 133546
Ion Ratio Lower Upper
82 100
128 41.4 32.7 49.1
54 77.9 65.6 98.4

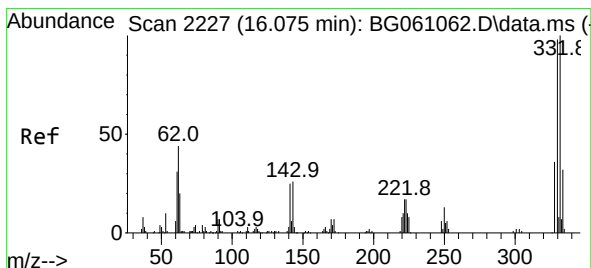
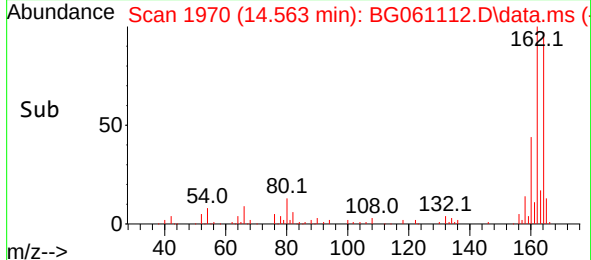
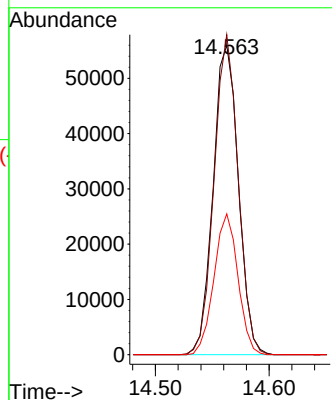
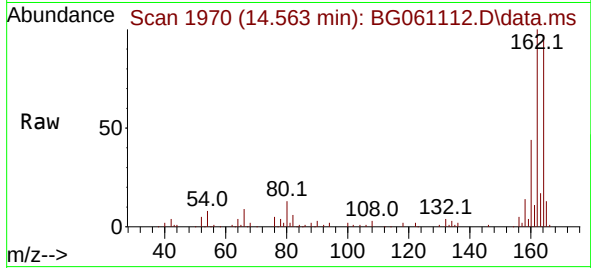




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1974
Delta R.T. -0.026 min
Lab File: BG061112.D
Acq: 3 May 2024 18:54

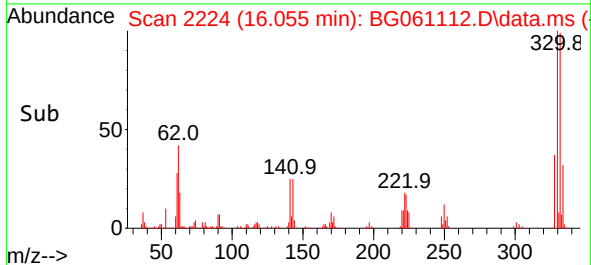
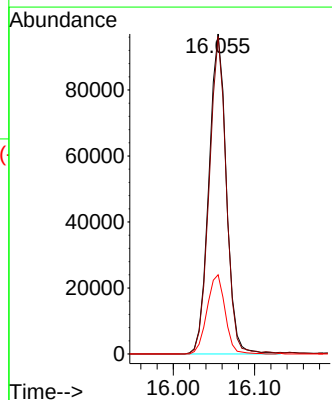
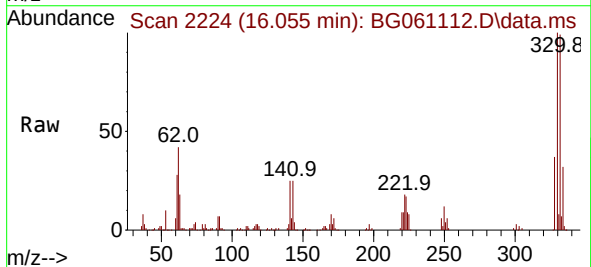
Instrument :
BNA_G
ClientSampleId :
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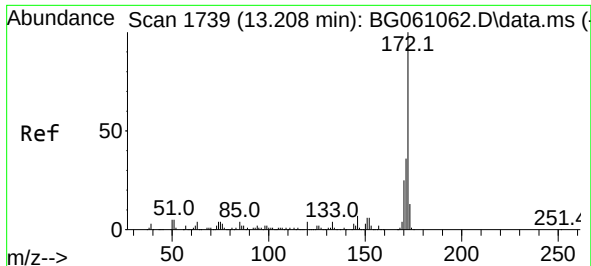
Tgt Ion:164 Resp: 86400
Ion Ratio Lower Upper
164 100
162 103.3 79.4 119.2
160 45.5 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 83.888 ng
RT: 16.055 min Scan# 2224
Delta R.T. -0.020 min
Lab File: BG061112.D
Acq: 3 May 2024 18:54

Tgt Ion:330 Resp: 144873
Ion Ratio Lower Upper
330 100
332 97.2 78.6 117.8
141 25.5 20.5 30.7

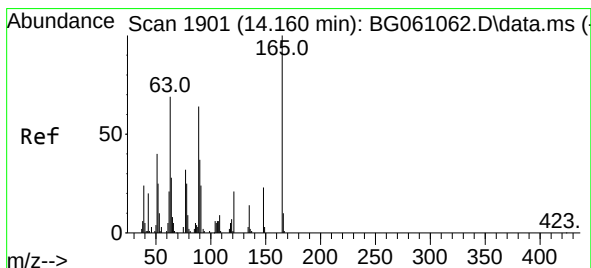
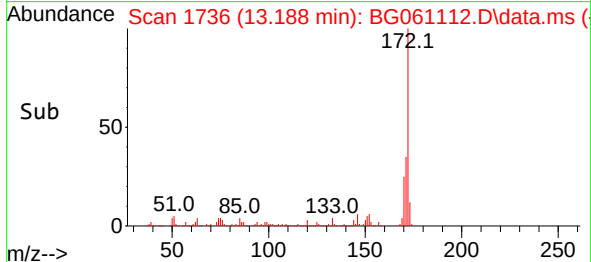
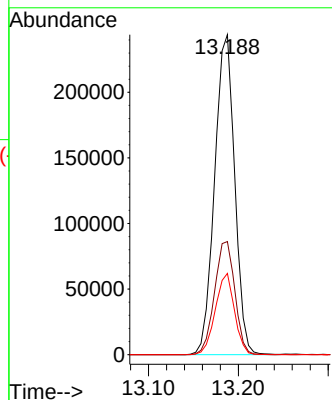
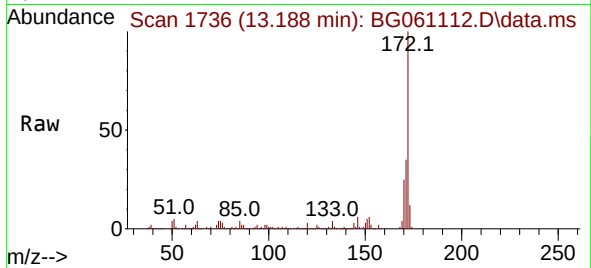




#45
2-Fluorobiphenyl
Concen: 64.710 ng
RT: 13.188 min Scan# 1736
Delta R.T. -0.020 min
Lab File: BG061112.D
Acq: 3 May 2024 18:54

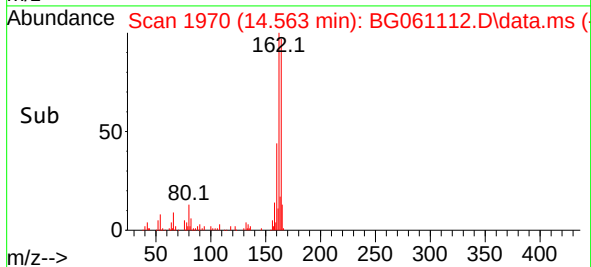
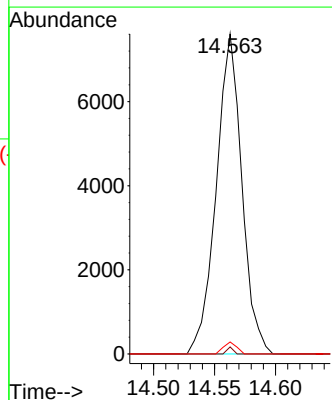
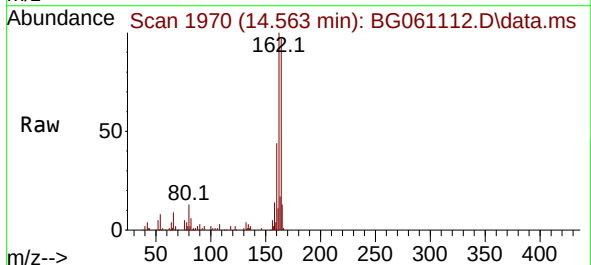
Instrument :
BNA_G
ClientSampleId :
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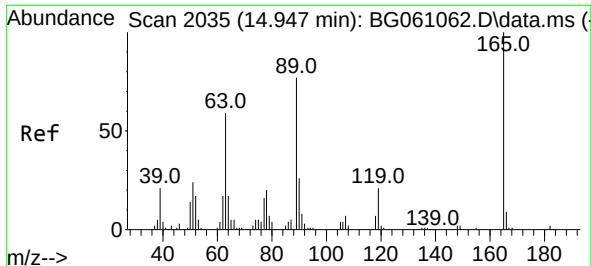
Tgt Ion:172 Resp: 378092
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.6
170 25.4 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.798 ng
RT: 14.563 min Scan# 1970
Delta R.T. 0.403 min
Lab File: BG061112.D
Acq: 3 May 2024 18:54

Tgt Ion:165 Resp: 11131
Ion Ratio Lower Upper
165 100
63 2.2 60.0 90.0#
89 3.7 50.9 76.3#





#57

2,4-Dinitrotoluene

Concen: 5.271 ng

RT: 14.563 min Scan# 11

Delta R.T. -0.385 min

Lab File: BG061112.D

Acq: 3 May 2024 18:54

Instrument :

BNA_G

ClientSampleId :

INSIDE

Tgt Ion:165 Resp: 11131

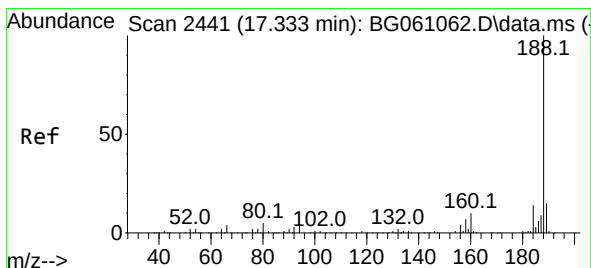
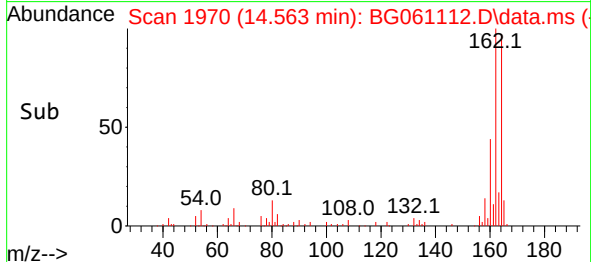
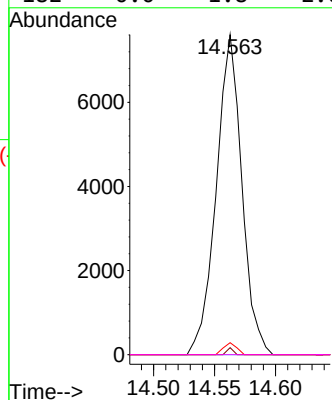
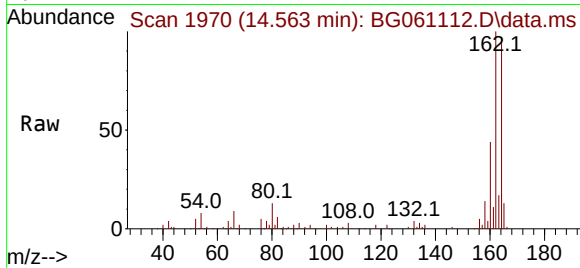
Ion Ratio Lower Upper

165 100

63 2.2 47.3 70.9#

89 3.7 61.8 92.8#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.312 min Scan# 2438

Delta R.T. -0.020 min

Lab File: BG061112.D

Acq: 3 May 2024 18:54

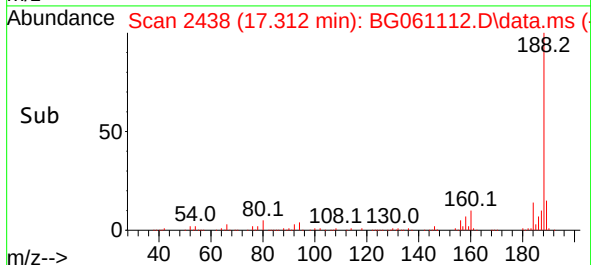
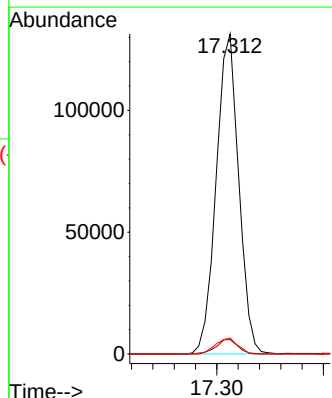
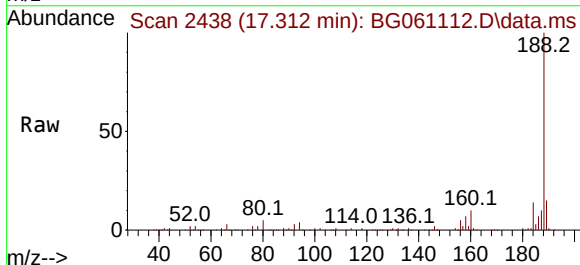
Tgt Ion:188 Resp: 192506

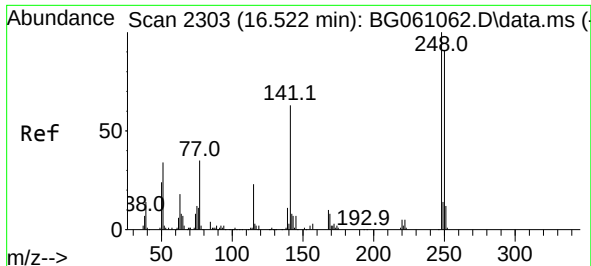
Ion Ratio Lower Upper

188 100

94 4.5 3.6 5.4

80 5.0 4.2 6.2

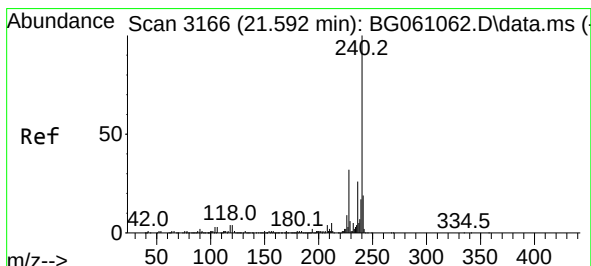
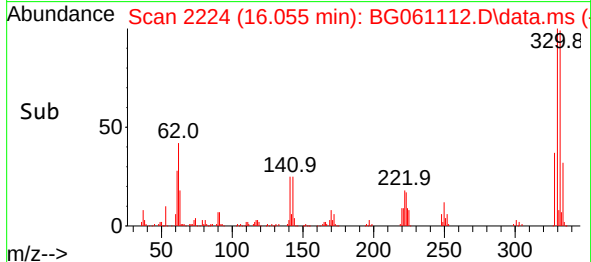
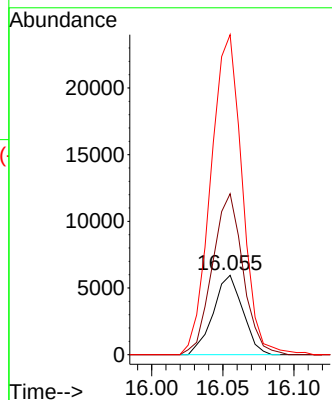
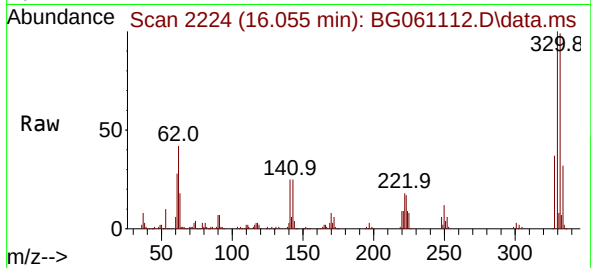




#67
4-Bromophenyl-phenylether
Concen: 3.802 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.467 min
Lab File: BG061112.D
Acq: 3 May 2024 18:54

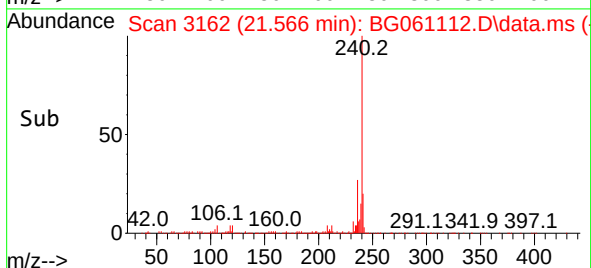
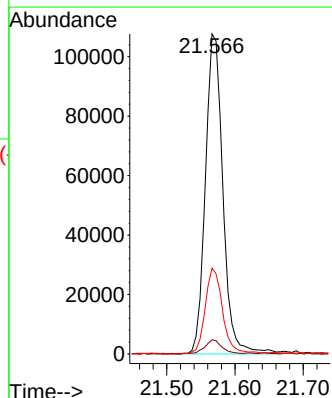
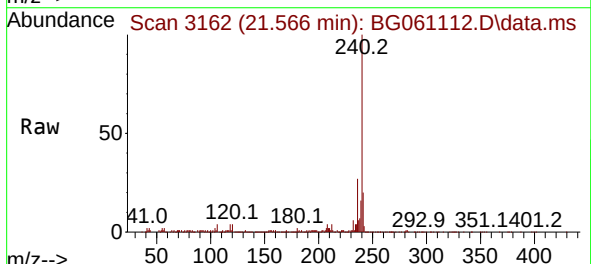
Instrument :
BNA_G
ClientSampleId :
INSIDE

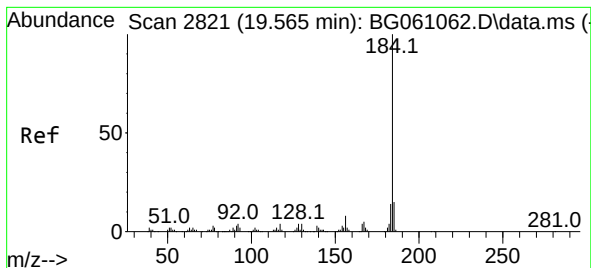
Tgt Ion:248 Resp: 8623
Ion Ratio Lower Upper
248 100
250 202.7 73.0 109.4#
141 402.8 50.8 76.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3162
Delta R.T. -0.026 min
Lab File: BG061112.D
Acq: 3 May 2024 18:54

Tgt Ion:240 Resp: 192798
Ion Ratio Lower Upper
240 100
120 4.5 3.2 4.8
236 26.8 21.0 31.6





#77

Benzidine

Concen: 5.809 ng

RT: 19.927 min Scan# 2883

Delta R.T. 0.362 min

Lab File: BG061112.D

Acq: 3 May 2024 18:54

Instrument :

BNA_G

ClientSampleId :

INSIDE

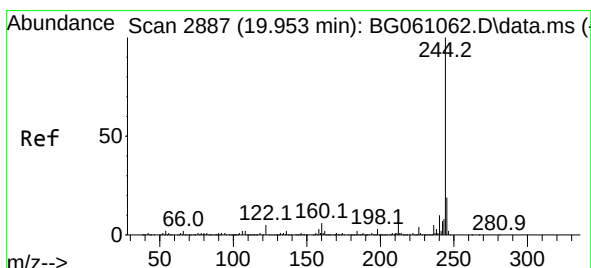
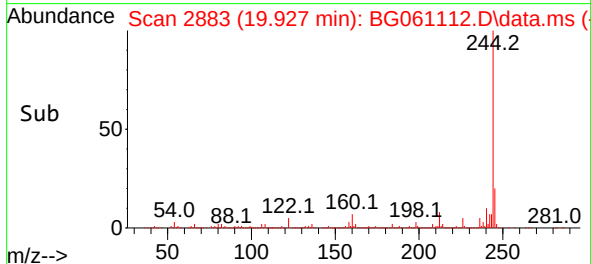
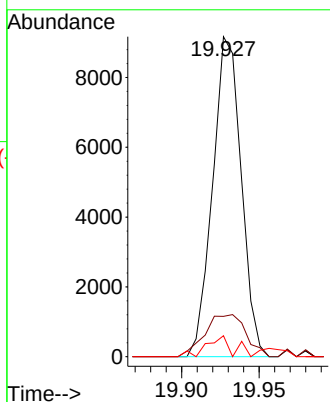
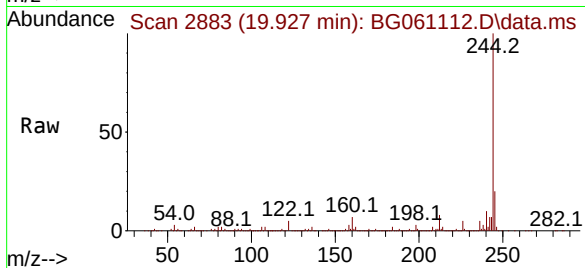
Tgt Ion:184 Resp: 11741

Ion Ratio Lower Upper

184 100

185 12.6 12.0 18.0

183 6.6 10.9 16.3#



#79

Terphenyl-d14

Concen: 59.846 ng

RT: 19.933 min Scan# 2884

Delta R.T. -0.020 min

Lab File: BG061112.D

Acq: 3 May 2024 18:54

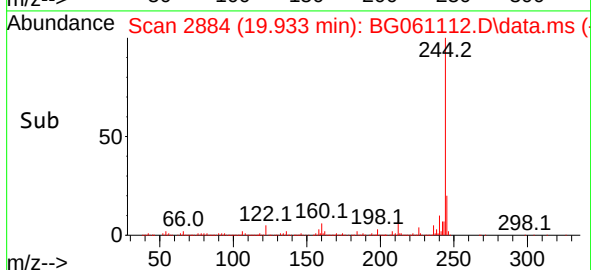
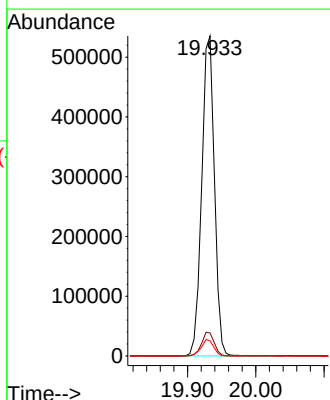
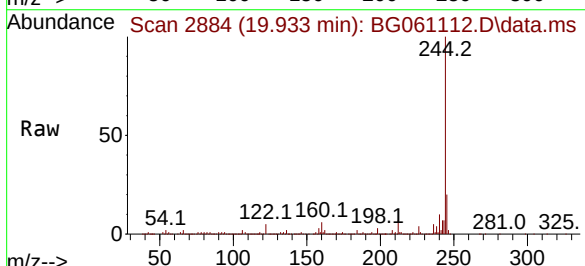
Tgt Ion:244 Resp: 693764

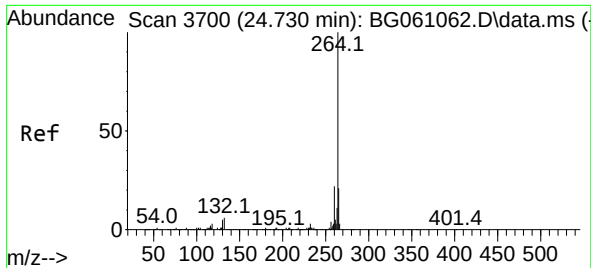
Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

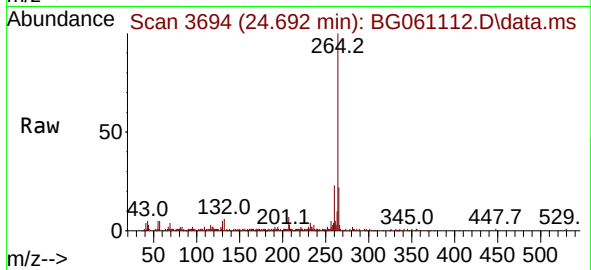
122 4.7 4.2 6.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.692 min Scan# 30
Delta R.T. -0.038 min
Lab File: BG061112.D
Acq: 3 May 2024 18:54

Instrument :
BNA_G
ClientSampleId :
INSIDE



Tgt Ion:264 Resp: 168283

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.7	26.5
265	22.0	16.4	24.6

