

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
 Data File : BG055690.D
 Acq On : 18 Nov 2022 14:23
 Operator : CG/JU
 Sample : N5598-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-SLURRY-0760533

Quant Time: Nov 18 23:56:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

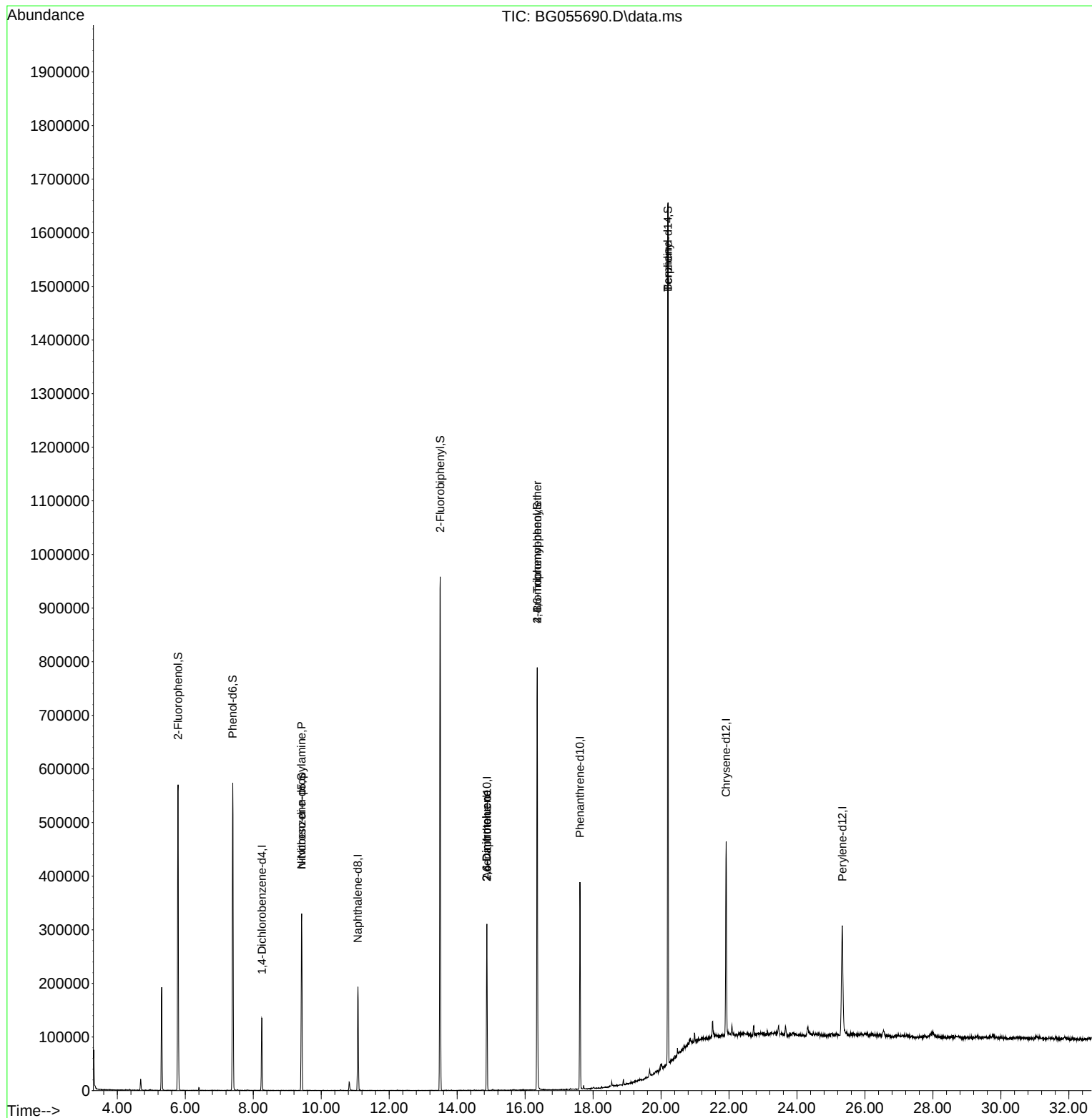
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.255	152	39731	20.000	ng	0.00
21) Naphthalene-d8	11.081	136	164077	20.000	ng	0.00
39) Acenaphthene-d10	14.877	164	113978	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	248030	20.000	ng	0.00
76) Chrysene-d12	21.916	240	233174	20.000	ng	0.00
86) Perylene-d12	25.335	264	245511	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.787	112	245621	111.743	ng	0.00
7) Phenol-d6	7.397	99	316230	108.075	ng	0.00
23) Nitrobenzene-d5	9.424	82	197837	63.730	ng	0.00
42) 2,4,6-Tribromophenol	16.357	330	169072	105.344	ng	0.00
45) 2-Fluorobiphenyl	13.502	172	513582	67.505	ng	0.00
79) Terphenyl-d14	20.206	244	842015	72.227	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.424	70	26867	11.951	ng	# 75
51) 2,6-Dinitrotoluene	14.871	165	15036	8.094	ng	# 24
57) 2,4-Dinitrotoluene	14.871	165	15036	5.741	ng	# 22
67) 4-Bromophenyl-phenylether	16.357	248	10775	3.813	ng	# 1
77) Benzidine	20.206	184	12633	2.342	ng	# 86

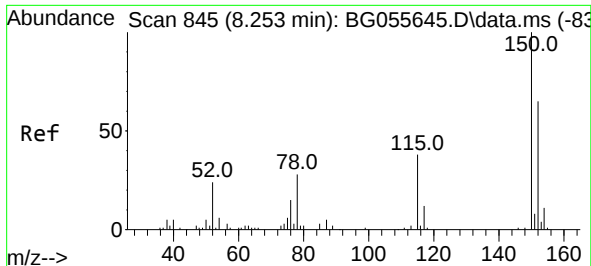
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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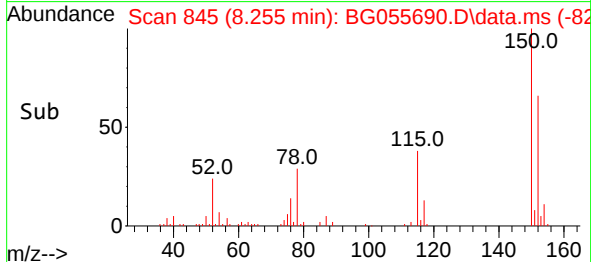
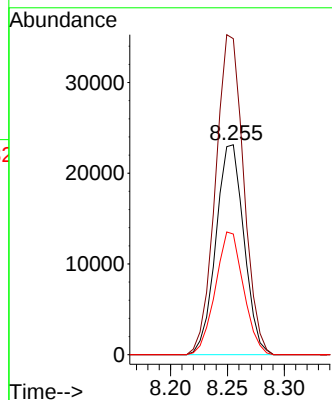
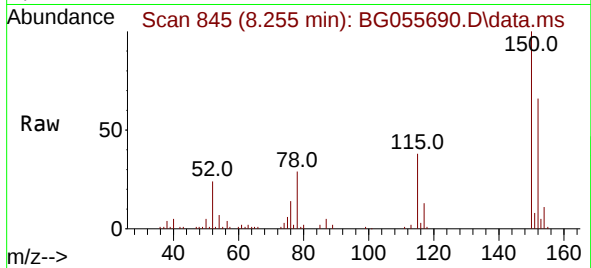




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.255 min Scan# 845
Delta R.T. 0.002 min
Lab File: BG055690.D
Acq: 18 Nov 2022 14:23

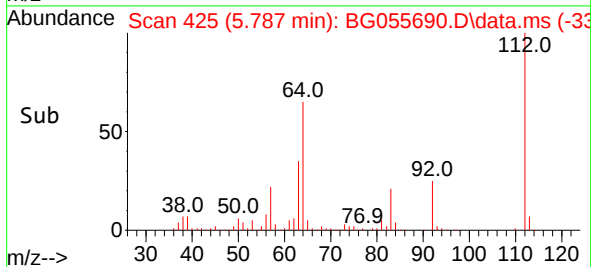
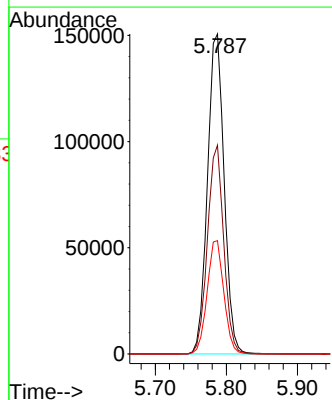
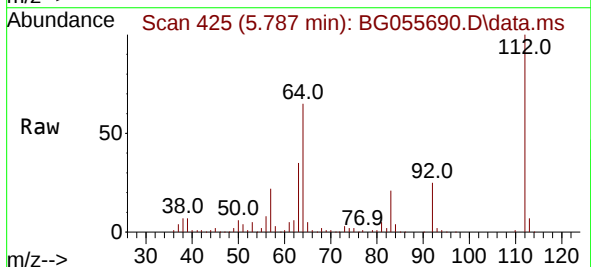
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-SLURRY-0760533

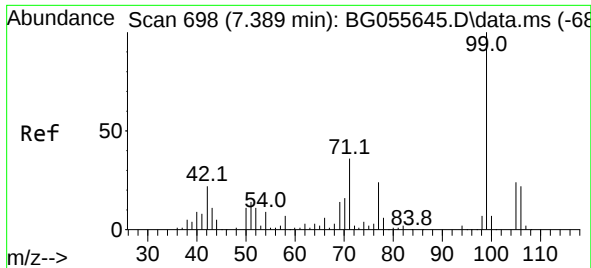
Tgt Ion:152 Resp: 39731
Ion Ratio Lower Upper
152 100
150 150.5 123.0 184.6
115 57.5 47.0 70.4



#5
2-Fluorophenol
Concen: 111.743 ng
RT: 5.787 min Scan# 425
Delta R.T. 0.008 min
Lab File: BG055690.D
Acq: 18 Nov 2022 14:23

Tgt Ion:112 Resp: 245621
Ion Ratio Lower Upper
112 100
64 65.3 50.6 76.0
63 35.4 27.5 41.3

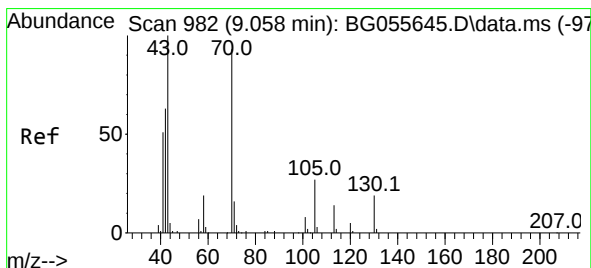
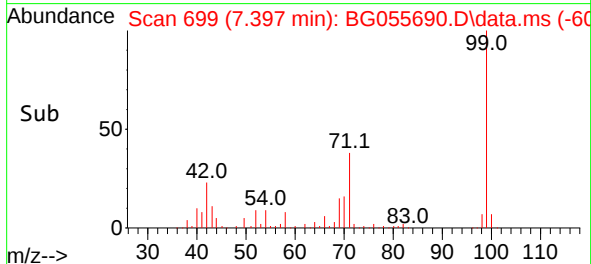
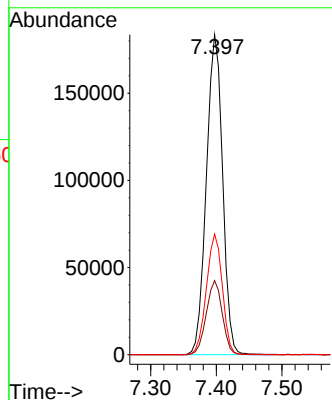
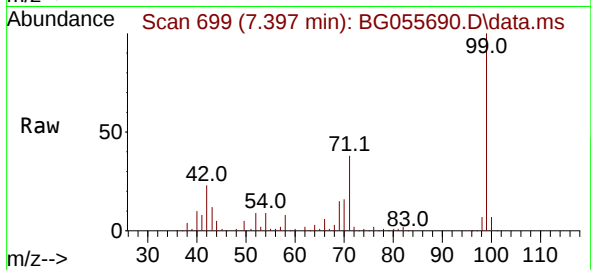




#7
Phenol-d6
Concen: 108.075 ng
RT: 7.397 min Scan# 61
Delta R.T. 0.008 min
Lab File: BG055690.D
Acq: 18 Nov 2022 14:23

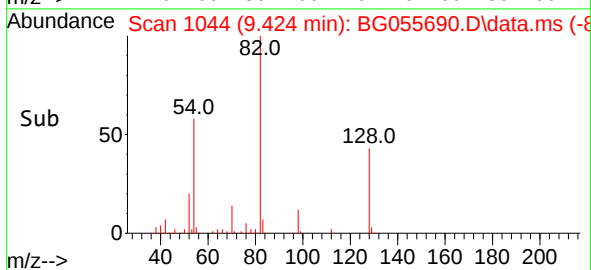
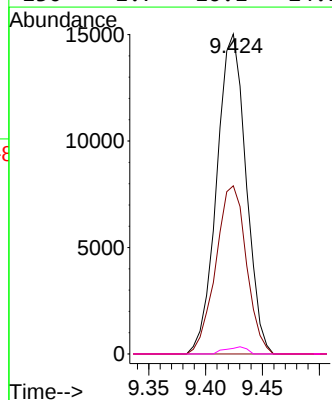
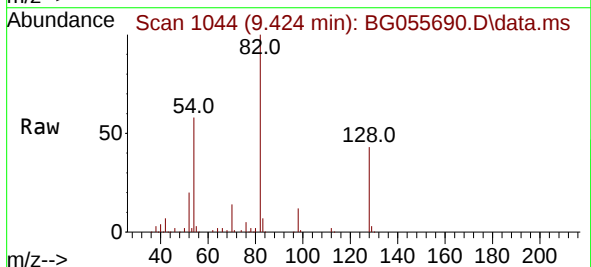
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-SLURRY-0760533

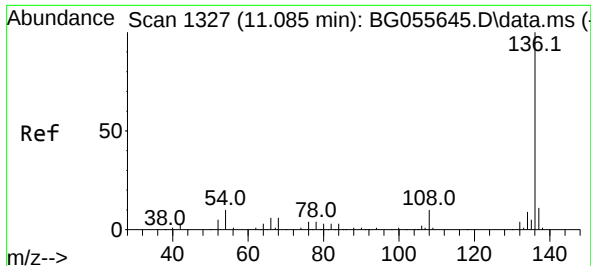
Tgt Ion: 99 Resp: 316230
Ion Ratio Lower Upper
99 100
42 23.1 18.0 27.0
71 37.7 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.951 ng
RT: 9.424 min Scan# 1044
Delta R.T. 0.367 min
Lab File: BG055690.D
Acq: 18 Nov 2022 14:23

Tgt Ion: 70 Resp: 26867
Ion Ratio Lower Upper
70 100
42 52.6 55.2 82.8#
101 0.0 7.1 10.7#
130 1.7 16.1 24.1#

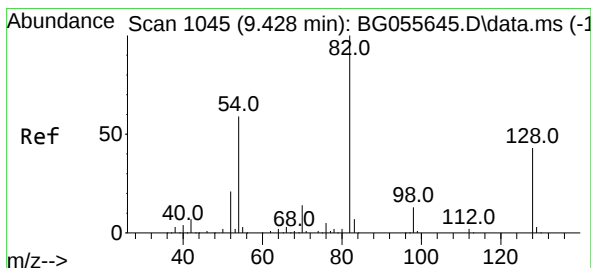
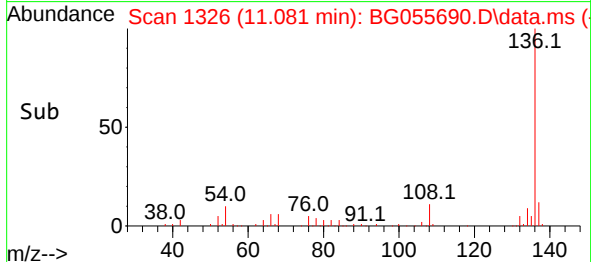
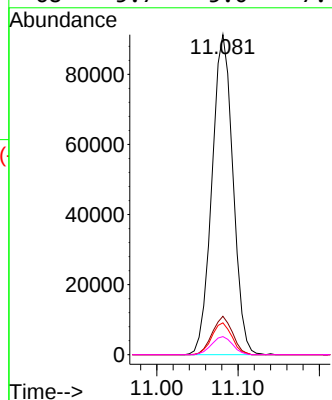
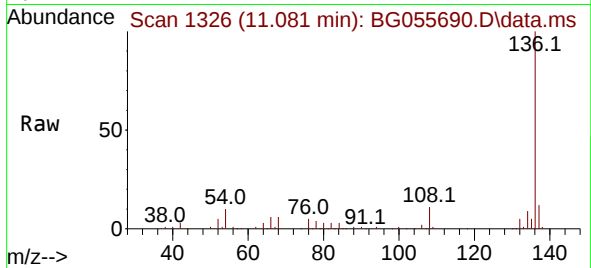




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.081 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055690.D
Acq: 18 Nov 2022 14:23

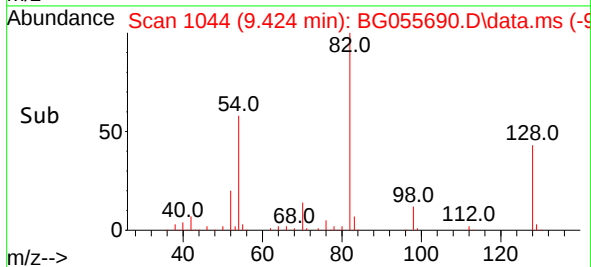
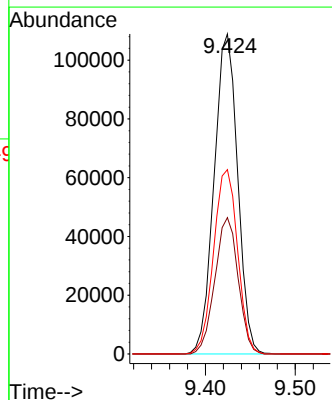
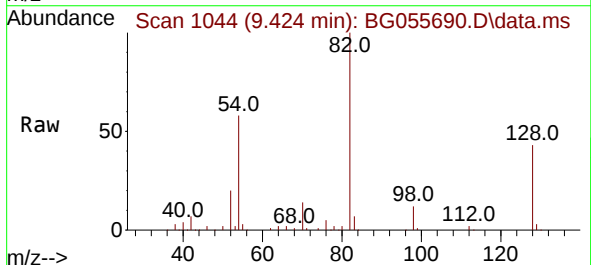
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-SLURRY-0760533

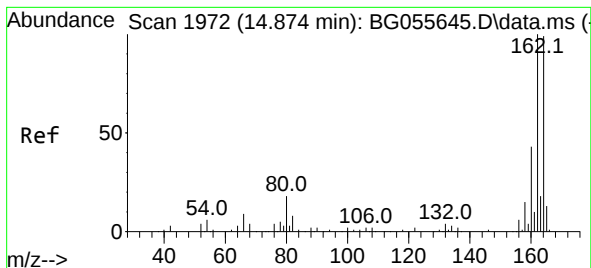
Tgt Ion:	136	Resp:	164077
Ion Ratio	Lower	Upper	
136	100		
137	12.0	9.0	13.6
54	9.9	7.8	11.6
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 63.730 ng
RT: 9.424 min Scan# 1044
Delta R.T. -0.003 min
Lab File: BG055690.D
Acq: 18 Nov 2022 14:23

Tgt Ion:	82	Resp:	197837
Ion Ratio	Lower	Upper	
82	100		
128	42.6	34.1	51.1
54	57.6	47.3	70.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.877 min Scan# 1972

Delta R.T. 0.002 min

Lab File: BG055690.D

Acq: 18 Nov 2022 14:23

Instrument :

BNA_G

ClientSampleId :

FRAC-TANK-SLURRY-0760533

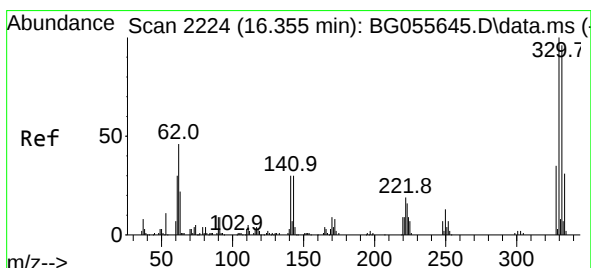
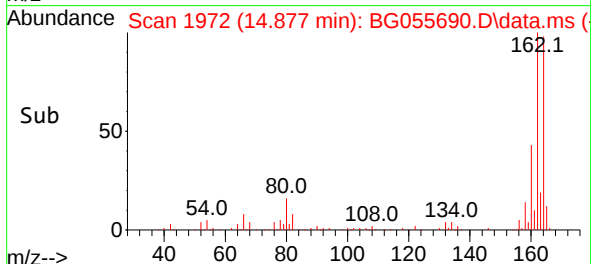
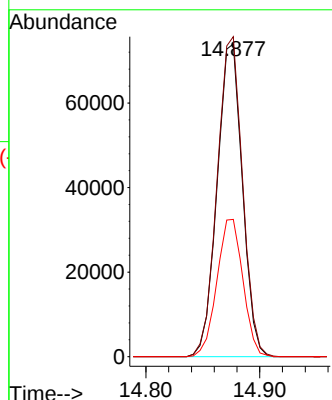
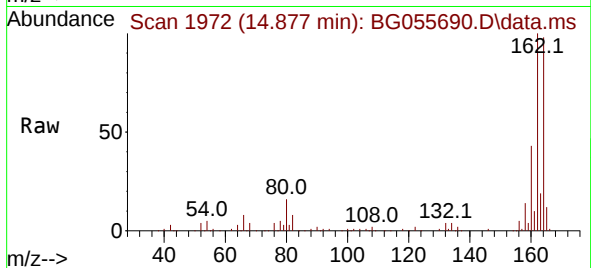
Tgt Ion:164 Resp: 113978

Ion Ratio Lower Upper

164 100

162 102.3 81.1 121.7

160 43.9 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 105.344 ng

RT: 16.357 min Scan# 2224

Delta R.T. 0.002 min

Lab File: BG055690.D

Acq: 18 Nov 2022 14:23

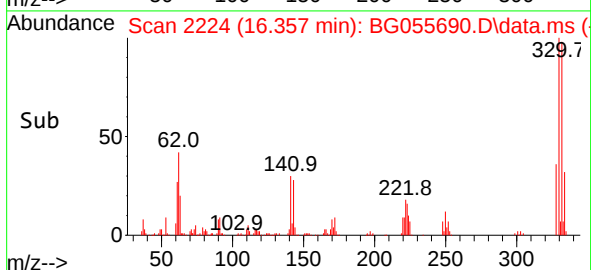
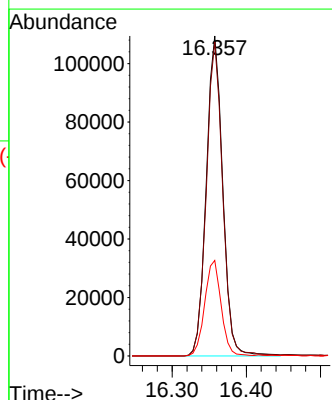
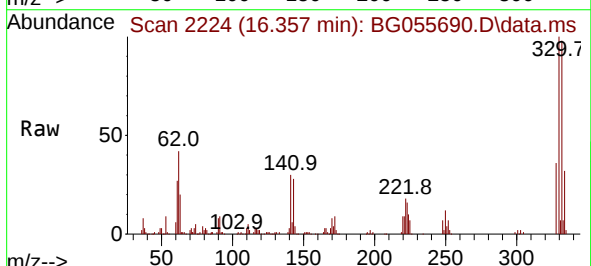
Tgt Ion:330 Resp: 169072

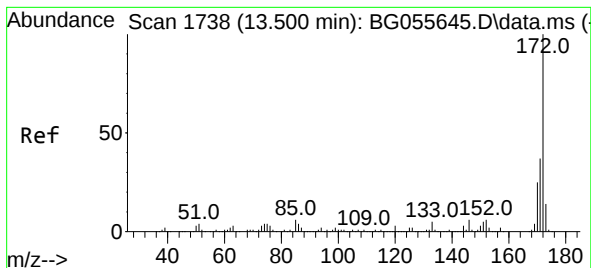
Ion Ratio Lower Upper

330 100

332 97.9 77.8 116.8

141 29.8 23.9 35.9

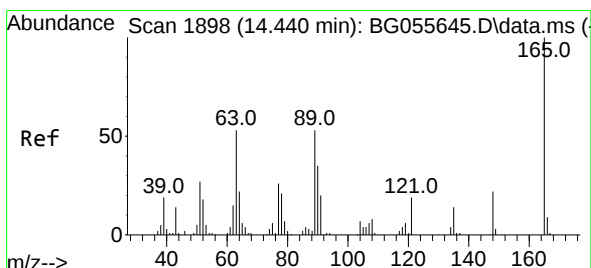
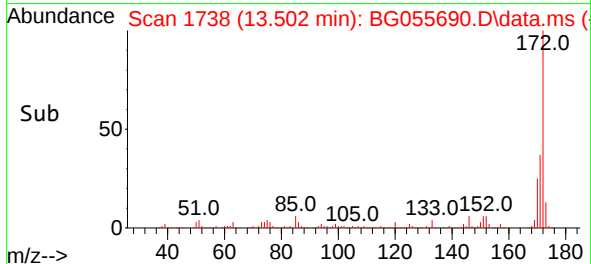
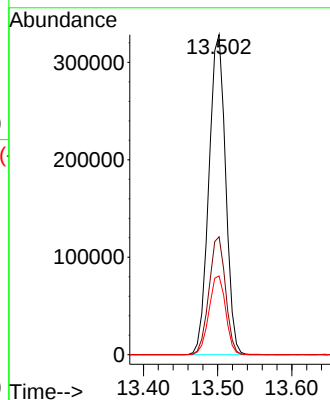
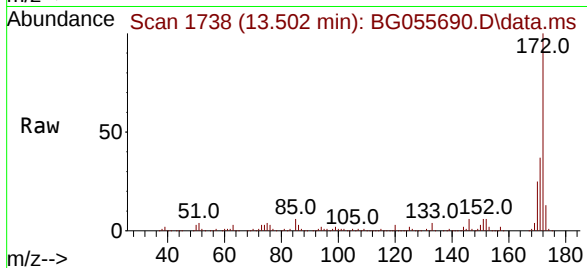




#45
2-Fluorobiphenyl
Concen: 67.505 ng
RT: 13.502 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG055690.D
Acq: 18 Nov 2022 14:23

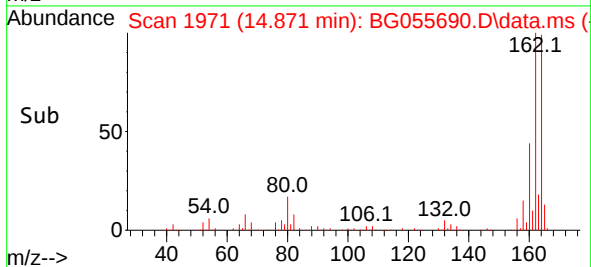
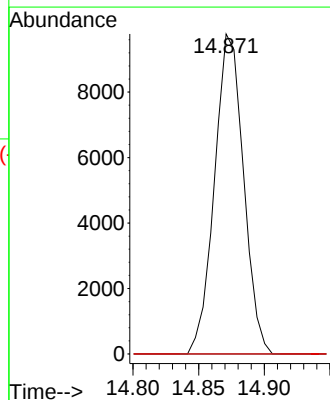
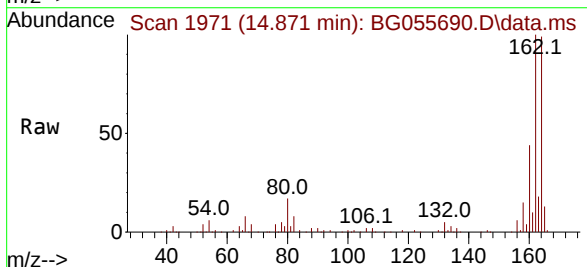
Instrument :
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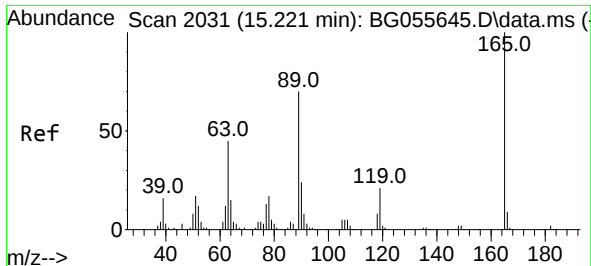
Tgt Ion:172 Resp: 513582
Ion Ratio Lower Upper
172 100
171 36.9 29.8 44.6
170 24.6 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.094 ng
RT: 14.871 min Scan# 1971
Delta R.T. 0.431 min
Lab File: BG055690.D
Acq: 18 Nov 2022 14:23

Tgt Ion:165 Resp: 15036
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.741 ng

RT: 14.871 min Scan# 14

Delta R.T. -0.350 min

Lab File: BG055690.D

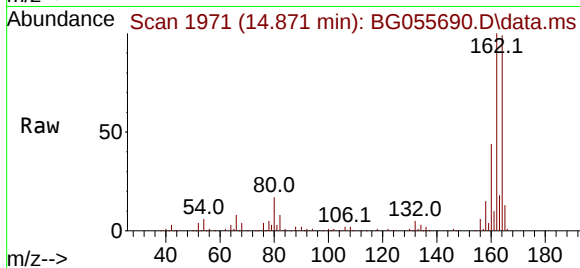
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Instrument :

BNA_G

ClientSampleId :

FRAC-TANK-SLURRY-0760533



Tgt Ion:165 Resp: 15036

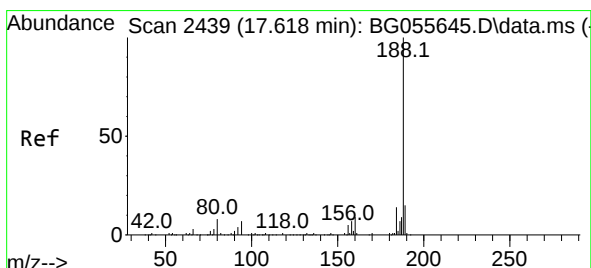
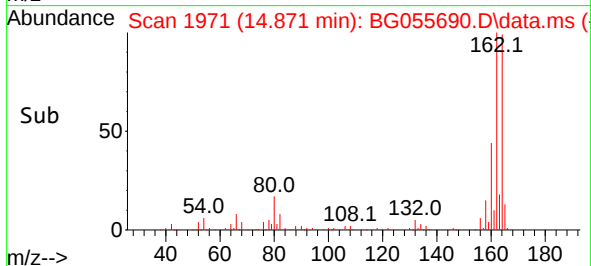
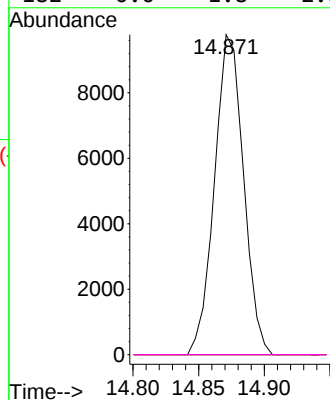
Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.8#

89 0.0 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.615 min Scan# 2438

Delta R.T. -0.003 min

Lab File: BG055690.D

Acq: 18 Nov 2022 14:23

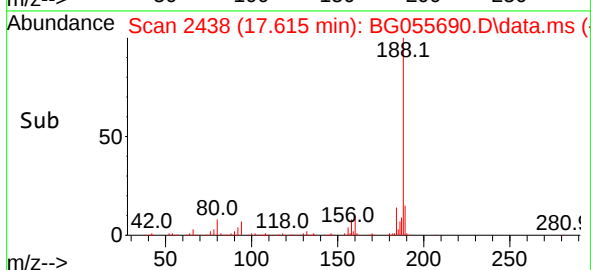
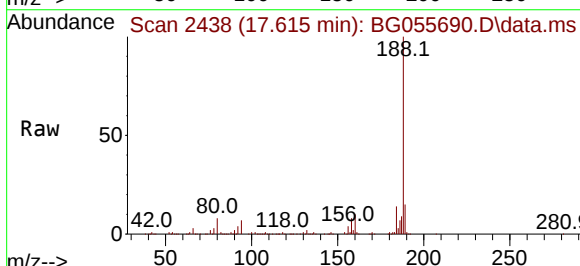
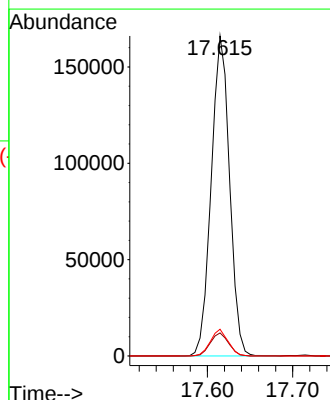
Tgt Ion:188 Resp: 248030

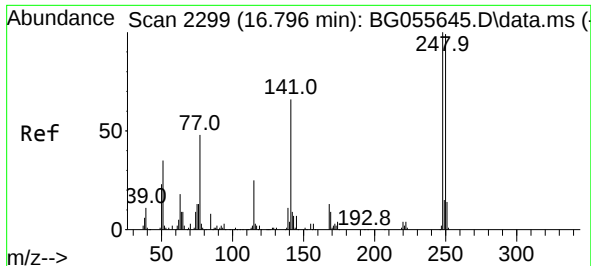
Ion Ratio Lower Upper

188 100

94 7.2 5.4 8.2

80 8.4 6.6 10.0

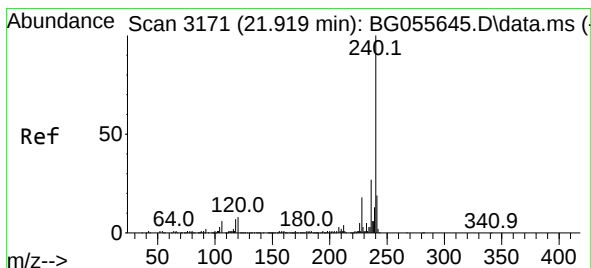
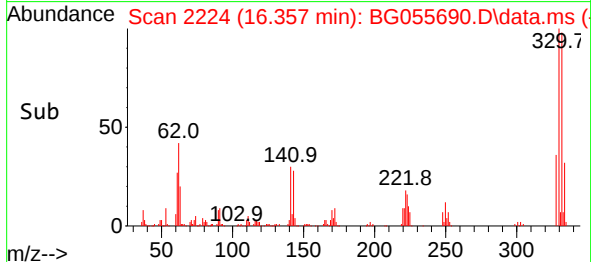
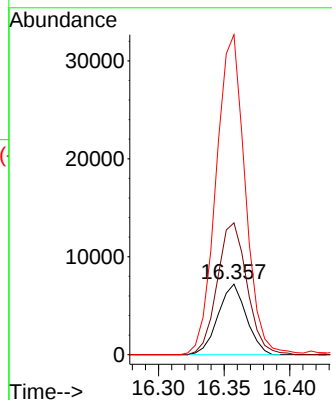
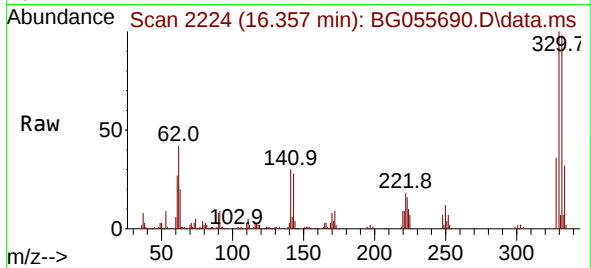




#67
4-Bromophenyl-phenylether
Concen: 3.813 ng
RT: 16.357 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG055690.D
Acq: 18 Nov 2022 14:23

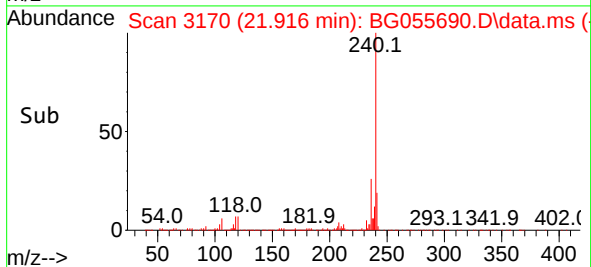
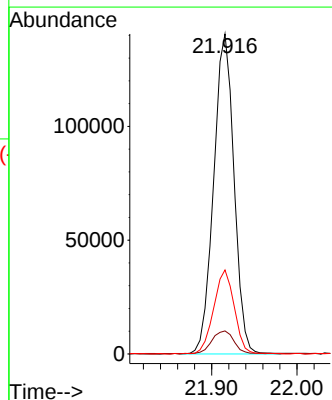
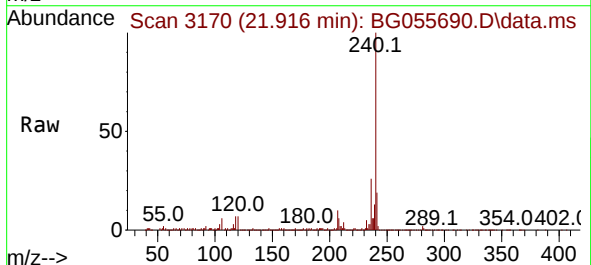
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-SLURRY-0760533

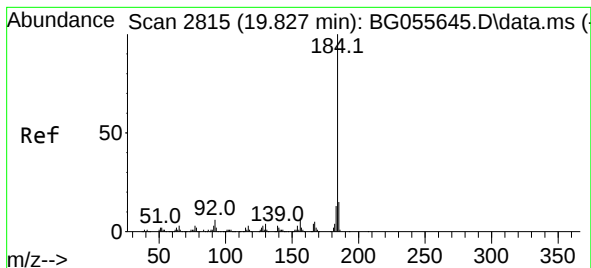
Tgt Ion:248 Resp: 10775
Ion Ratio Lower Upper
248 100
250 187.0 79.0 118.4#
141 453.8 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.916 min Scan# 3170
Delta R.T. -0.003 min
Lab File: BG055690.D
Acq: 18 Nov 2022 14:23

Tgt Ion:240 Resp: 233174
Ion Ratio Lower Upper
240 100
120 7.2 6.3 9.5
236 26.2 21.9 32.9





#77

Benzidine

Concen: 2.342 ng

RT: 20.206 min Scan# 2879

Delta R.T. 0.378 min

Lab File: BG055690.D

Acq: 18 Nov 2022 14:23

Instrument :

BNA_G

ClientSampleId :

FRAC-TANK-SLURRY-0760533

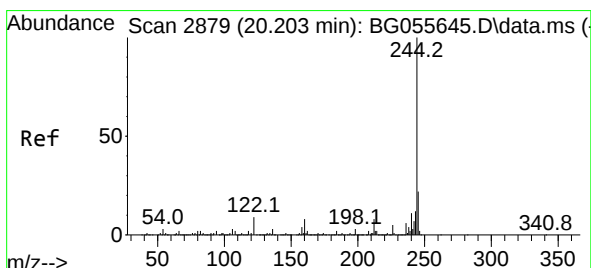
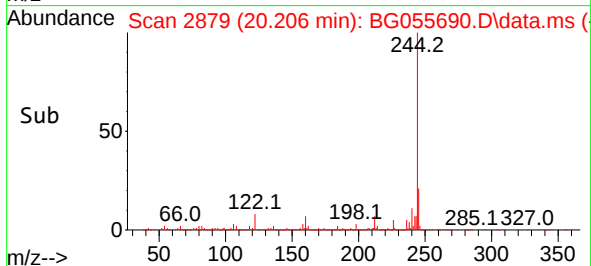
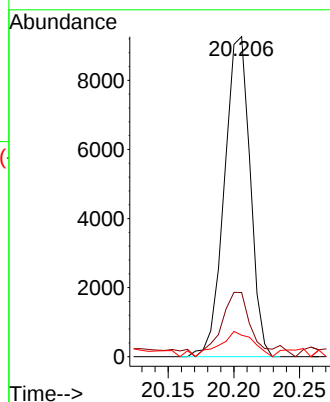
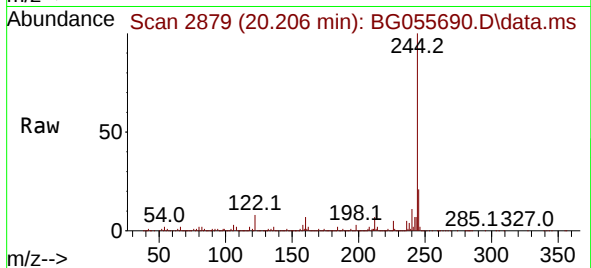
Tgt Ion:184 Resp: 12633

Ion Ratio Lower Upper

184 100

185 20.1 11.8 17.8#

183 6.7 10.6 15.8#



#79

Terphenyl-d14

Concen: 72.227 ng

RT: 20.206 min Scan# 2879

Delta R.T. 0.002 min

Lab File: BG055690.D

Acq: 18 Nov 2022 14:23

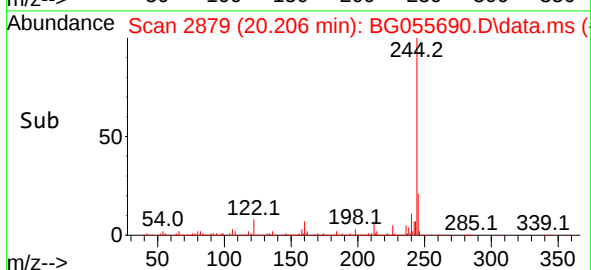
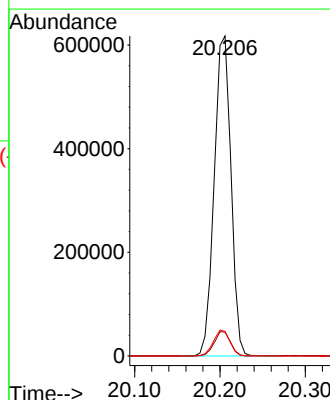
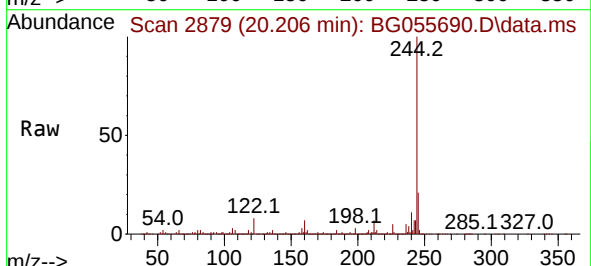
Tgt Ion:244 Resp: 842015

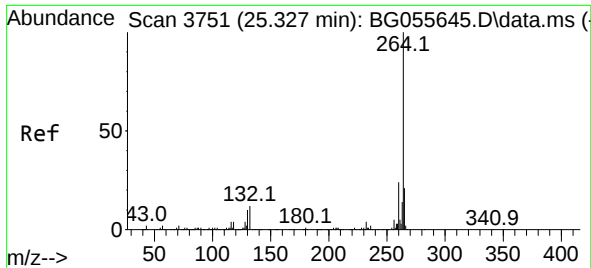
Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

122 7.7 6.9 10.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.335 min Scan# 31
 Delta R.T. 0.008 min
 Lab File: BG055690.D
 Acq: 18 Nov 2022 14:23

Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-SLURRY-0760533

Tgt Ion:264	Resp:	245511
Ion	Ratio	Lower Upper
264	100	
260	24.0	19.5 29.3
265	22.4	17.1 25.7

