

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110322\
 Data File : BG055437.D
 Acq On : 3 Nov 2022 14:30
 Operator : CG/JU
 Sample : N5273-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LIDEN-GAS-PIPELINE

Quant Time: Nov 03 16:10:22 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)

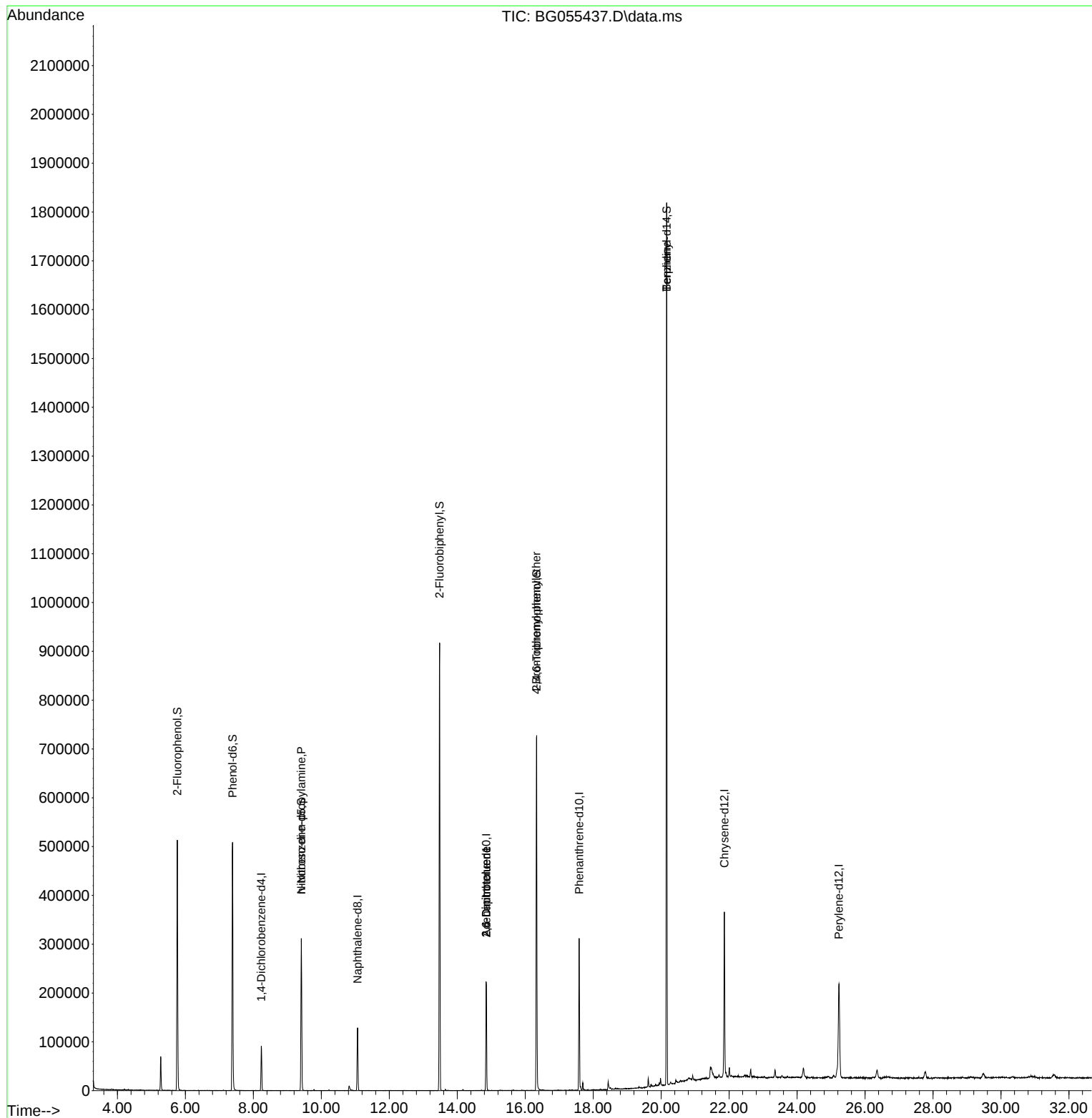
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.234	152	27579	20.000	ng	-0.01
21) Naphthalene-d8	11.066	136	115264	20.000	ng	0.00
39) Acenaphthene-d10	14.850	164	83995	20.000	ng	-0.01
64) Phenanthrene-d10	17.588	188	202173	20.000	ng	0.00
76) Chrysene-d12	21.859	240	206916	20.000	ng	-0.01
86) Perylene-d12	25.232	264	222031	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	241213	157.070	ng	0.00
7) Phenol-d6	7.388	99	314444	147.651	ng	0.00
23) Nitrobenzene-d5	9.409	82	192958	89.218	ng	-0.01
42) 2,4,6-Tribromophenol	16.337	330	165336	144.309	ng	0.00
45) 2-Fluorobiphenyl	13.481	172	497312	87.784	ng	0.00
79) Terphenyl-d14	20.161	244	909724	85.493	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.409	70	25627	15.400	ng	# 79
51) 2,6-Dinitrotoluene	14.850	165	10927	7.444	ng	# 27
57) 2,4-Dinitrotoluene	14.850	165	10927	5.206	ng	# 25
67) 4-Bromophenyl-phenylether	16.331	248	10683	4.470	ng	# 1
77) Benzidine	20.161	184	13308	3.089	ng	# 89

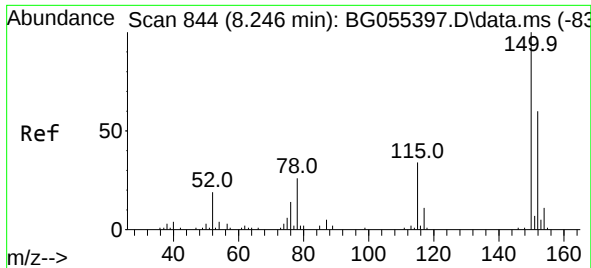
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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Quant Time: Nov 03 16:10:22 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

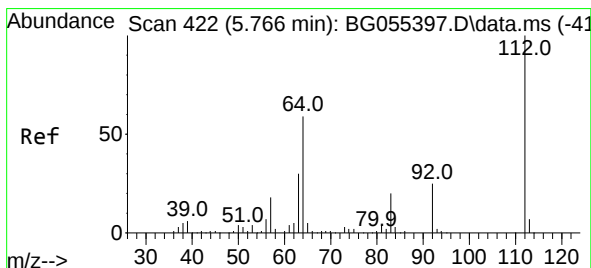
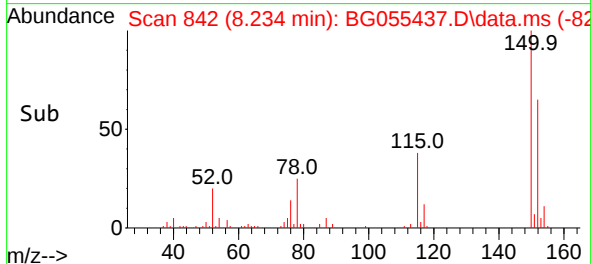
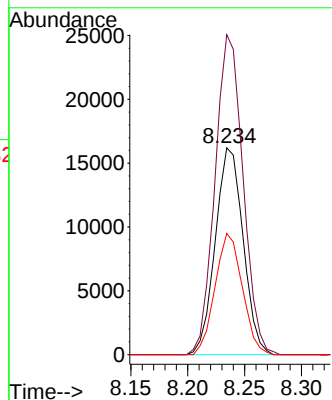
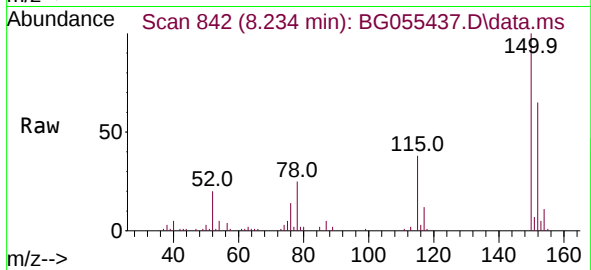




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.234 min Scan# 844
Delta R.T. -0.012 min
Lab File: BG055437.D
Acq: 3 Nov 2022 14:30

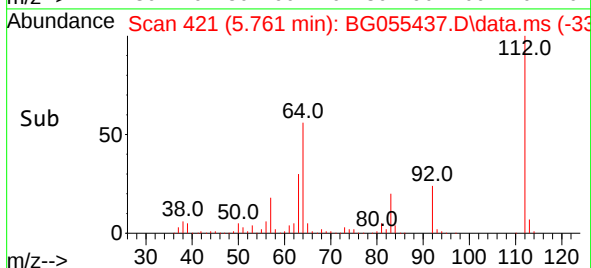
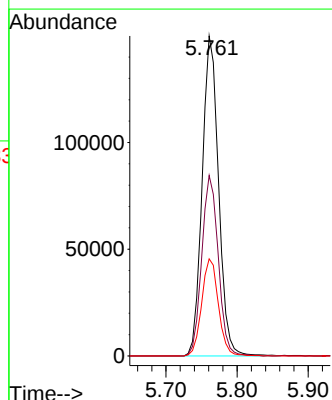
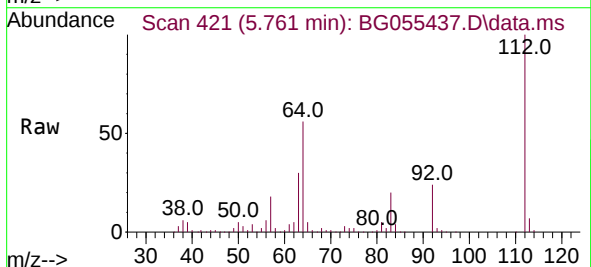
Instrument :
BNA_G
ClientSampleId :
LIDEN-GAS-PIPELINE

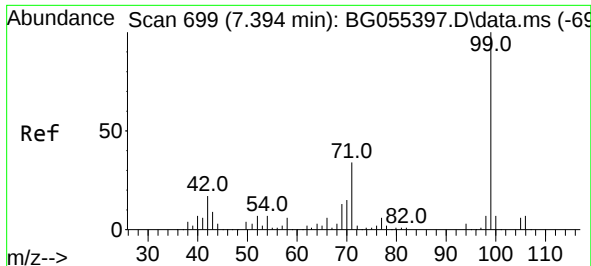
Tgt Ion:152 Resp: 27579
Ion Ratio Lower Upper
152 100
150 154.6 132.8 199.2
115 58.6 45.1 67.7



#5
2-Fluorophenol
Concen: 157.070 ng
RT: 5.761 min Scan# 421
Delta R.T. -0.006 min
Lab File: BG055437.D
Acq: 3 Nov 2022 14:30

Tgt Ion:112 Resp: 241213
Ion Ratio Lower Upper
112 100
64 56.4 47.2 70.8
63 30.3 24.3 36.5

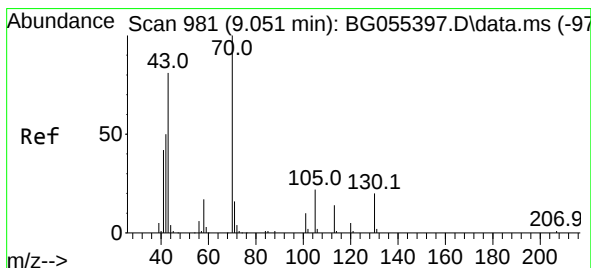
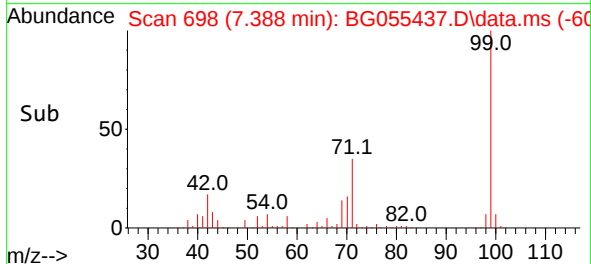
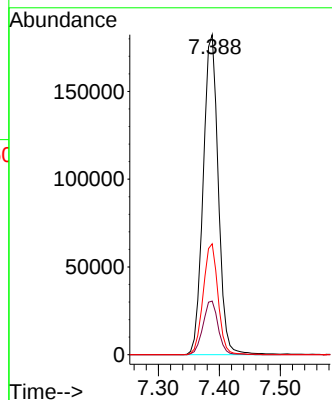
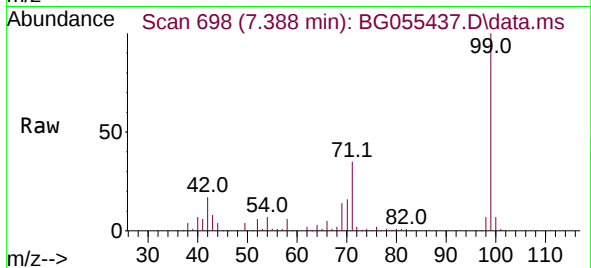




#7
Phenol-d6
Concen: 147.651 ng
RT: 7.388 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG055437.D
Acq: 3 Nov 2022 14:30

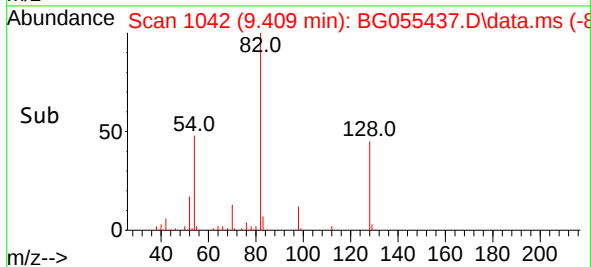
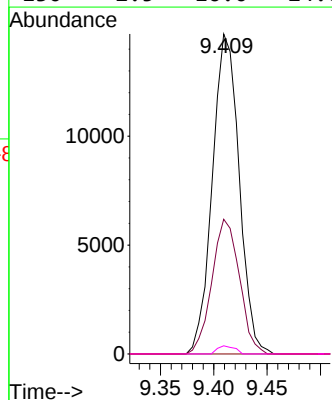
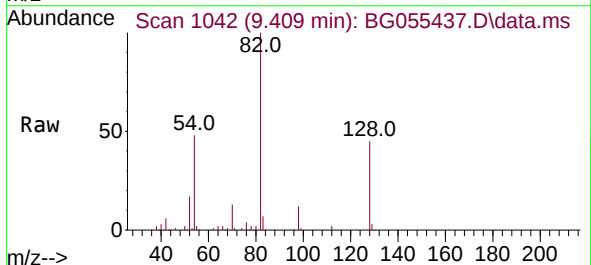
Instrument :
BNA_G
ClientSampleId :
LIDEN-GAS-PIPELINE

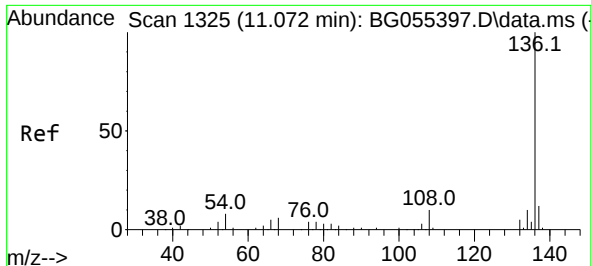
Tgt Ion: 99 Resp: 314444
Ion Ratio Lower Upper
99 100
42 16.8 13.5 20.3
71 34.7 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.400 ng
RT: 9.409 min Scan# 1042
Delta R.T. 0.358 min
Lab File: BG055437.D
Acq: 3 Nov 2022 14:30

Tgt Ion: 70 Resp: 25627
Ion Ratio Lower Upper
70 100
42 42.1 40.6 61.0
101 0.0 7.8 11.6#
130 2.5 16.0 24.0#

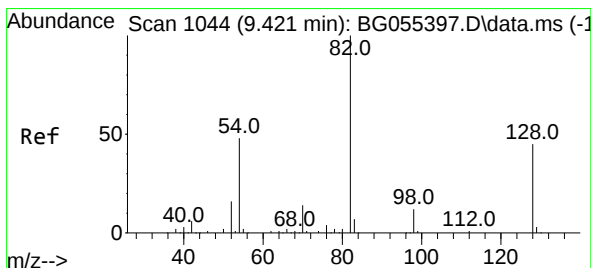
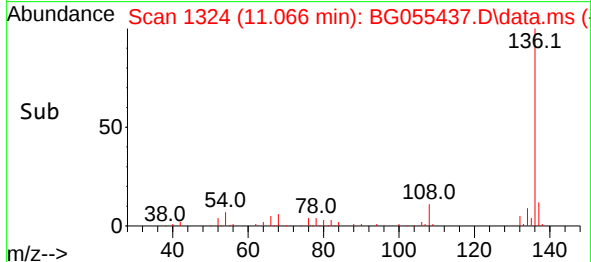
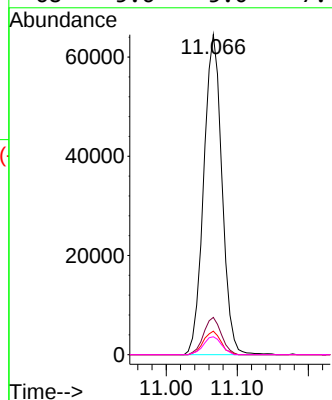
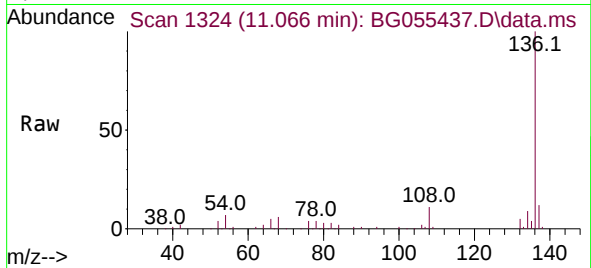




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.066 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055437.D
Acq: 3 Nov 2022 14:30

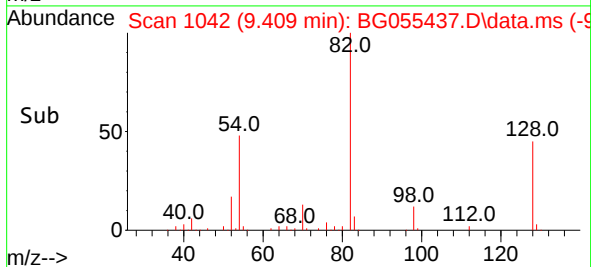
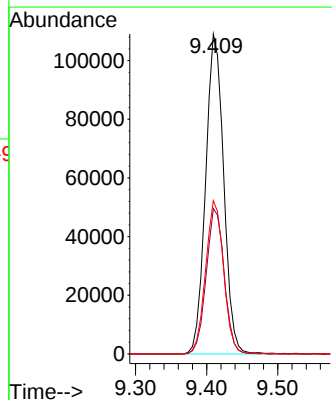
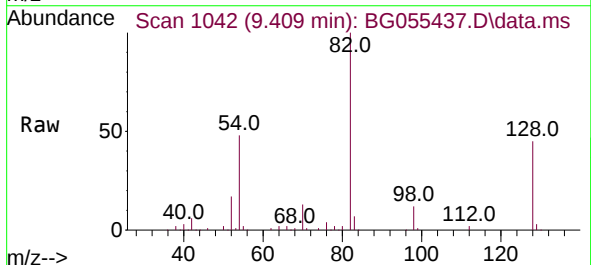
Instrument :
BNA_G
ClientSampleId :
LIDEN-GAS-PIPELINE

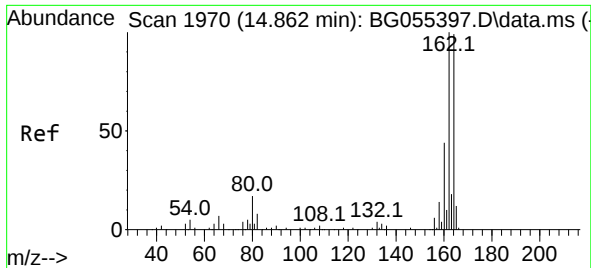
Tgt Ion:	136	Resp:	115264
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.2
54	7.4	6.1	9.1
68	5.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 89.218 ng
RT: 9.409 min Scan# 1042
Delta R.T. -0.012 min
Lab File: BG055437.D
Acq: 3 Nov 2022 14:30

Tgt Ion:	82	Resp:	192958
Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.8	53.8
54	47.9	38.1	57.1

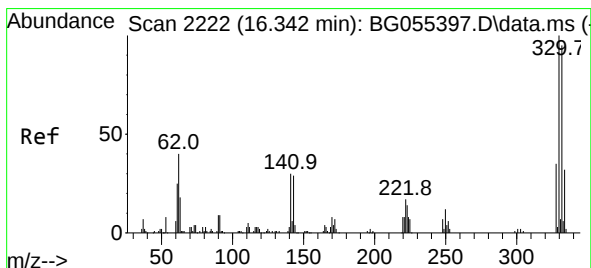
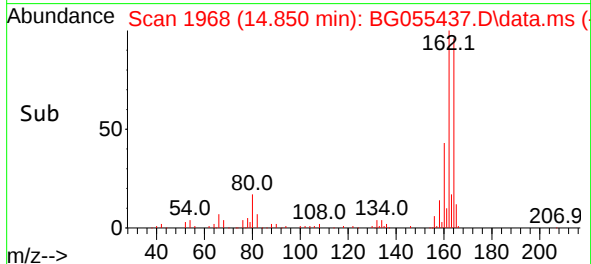
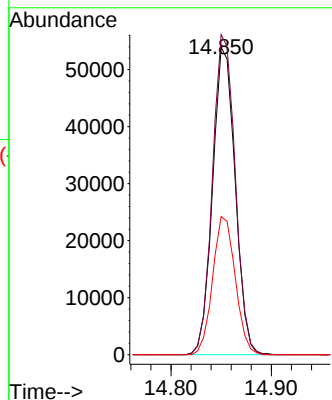
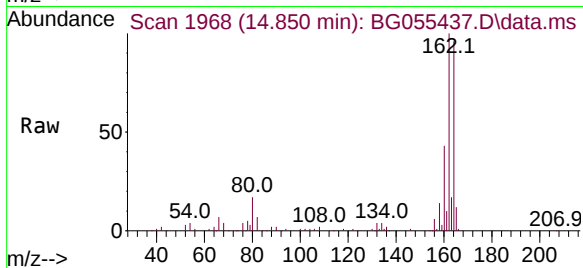




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.850 min Scan# 1968
Delta R.T. -0.012 min
Lab File: BG055437.D
Acq: 3 Nov 2022 14:30

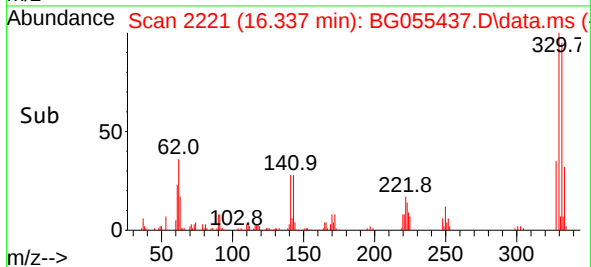
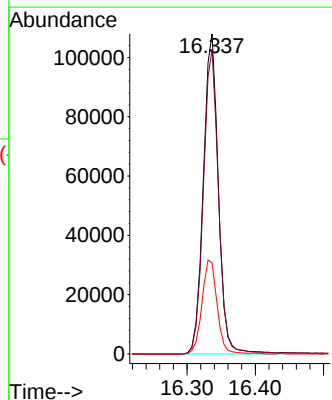
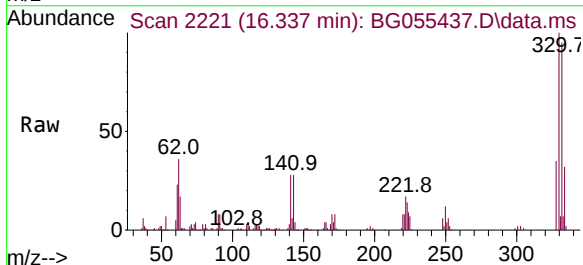
Instrument :
BNA_G
ClientSampleId :
LIDEN-GAS-PIPELINE

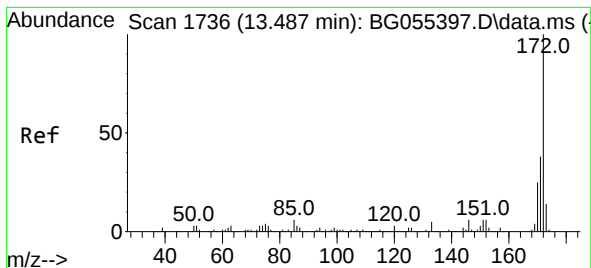
Tgt Ion:164 Resp: 83995
Ion Ratio Lower Upper
164 100
162 104.1 81.1 121.7
160 44.9 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 144.309 ng
RT: 16.337 min Scan# 2221
Delta R.T. -0.006 min
Lab File: BG055437.D
Acq: 3 Nov 2022 14:30

Tgt Ion:330 Resp: 165336
Ion Ratio Lower Upper
330 100
332 95.4 77.8 116.6
141 29.5 24.2 36.2

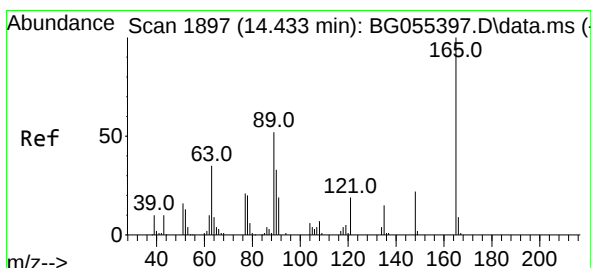
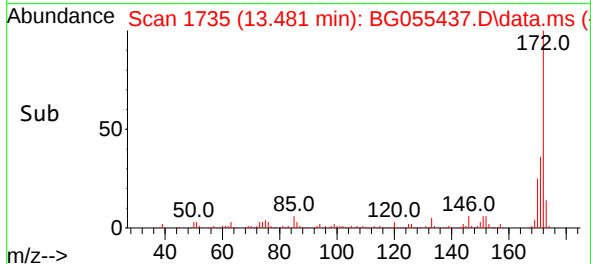
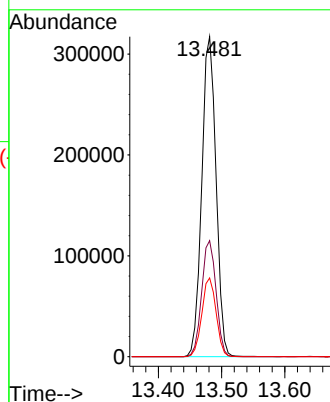
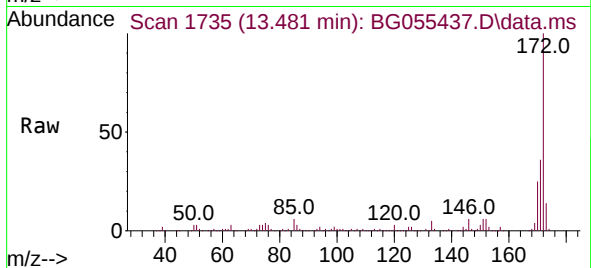




#45
2-Fluorobiphenyl
Concen: 87.784 ng
RT: 13.481 min Scan# 1735
Delta R.T. -0.006 min
Lab File: BG055437.D
Acq: 3 Nov 2022 14:30

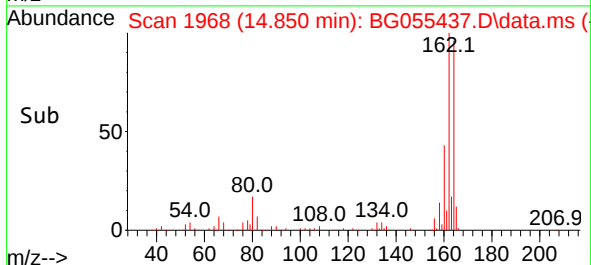
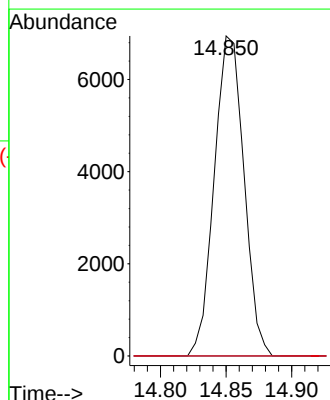
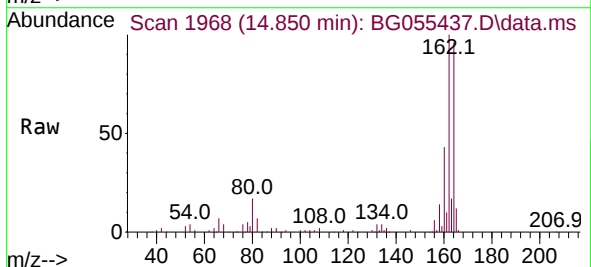
Instrument :
BNA_G
ClientSampleId :
LIDEN-GAS-PIPELINE

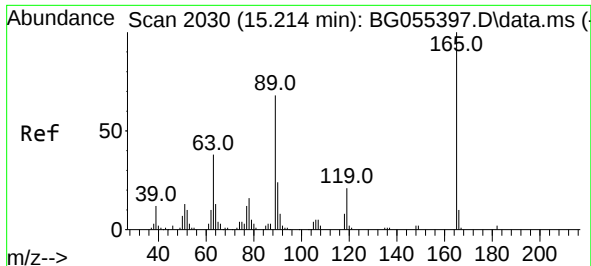
Tgt Ion:172 Resp: 497312
Ion Ratio Lower Upper
172 100
171 36.3 30.2 45.2
170 24.6 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.444 ng
RT: 14.850 min Scan# 1968
Delta R.T. 0.417 min
Lab File: BG055437.D
Acq: 3 Nov 2022 14:30

Tgt Ion:165 Resp: 10927
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: 5.206 ng

RT: 14.850 min Scan# 1968

Delta R.T. -0.364 min

Lab File: BG055437.D

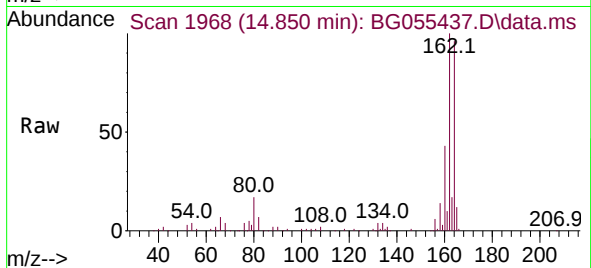
Acq: 3 Nov 2022 14:30

Instrument :

BNA_G

ClientSampleId :

LIDEN-GAS-PIPELINE



Tgt Ion:165 Resp: 10927

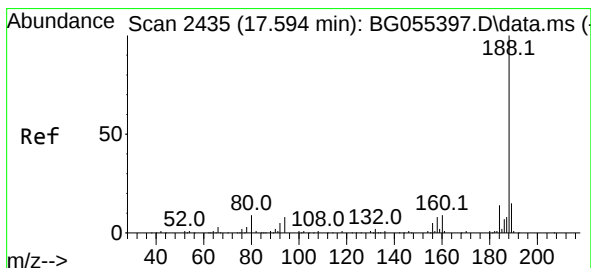
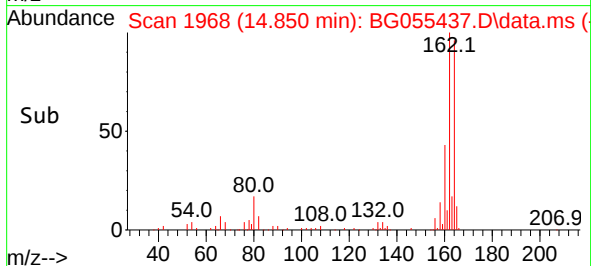
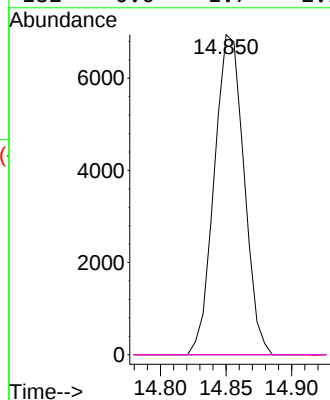
Ion Ratio Lower Upper

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: 17.588 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BG055437.D

Acq: 3 Nov 2022 14:30

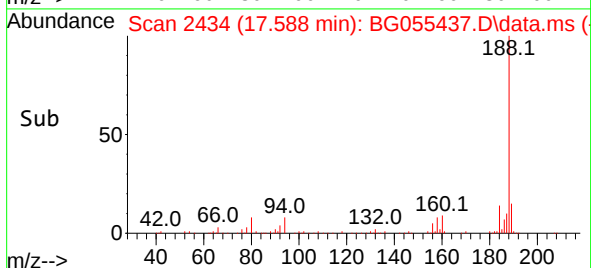
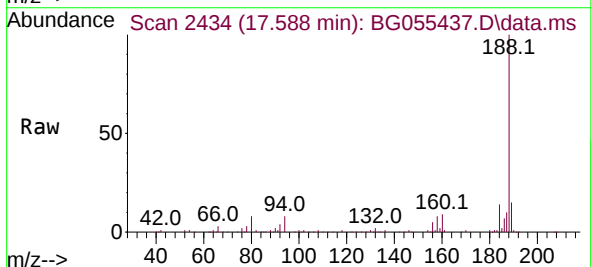
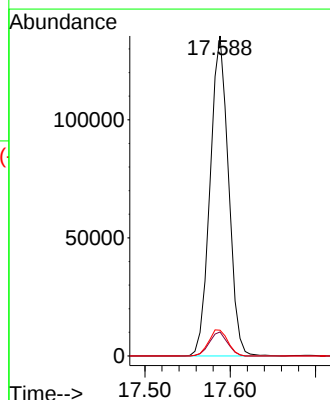
Tgt Ion:188 Resp: 202173

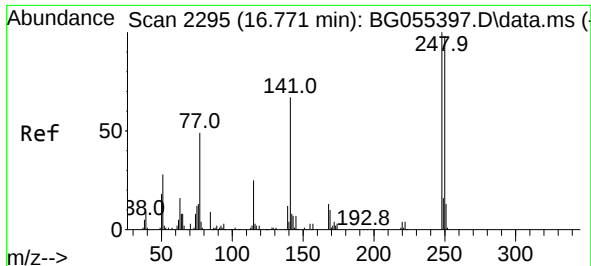
Ion Ratio Lower Upper

188 100

94 7.5 6.5 9.7

80 8.1 7.4 11.0

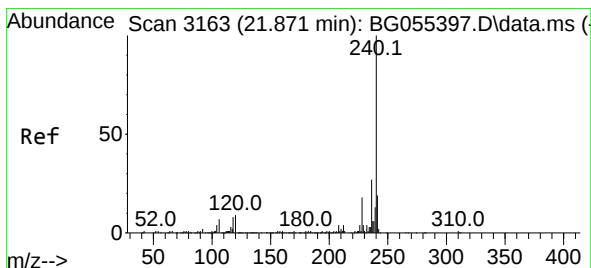
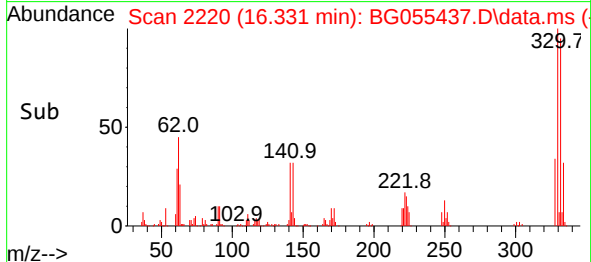
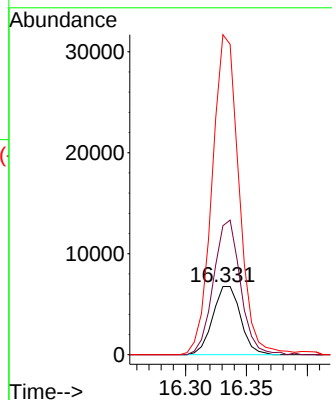
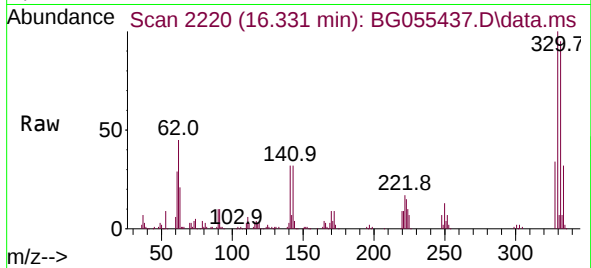




#67
4-Bromophenyl-phenylether
Concen: 4.470 ng
RT: 16.331 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG055437.D
Acq: 3 Nov 2022 14:30

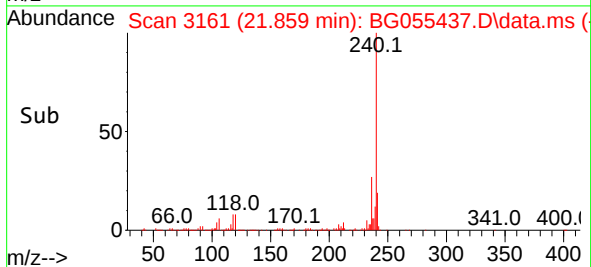
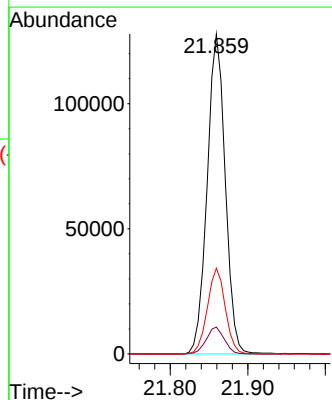
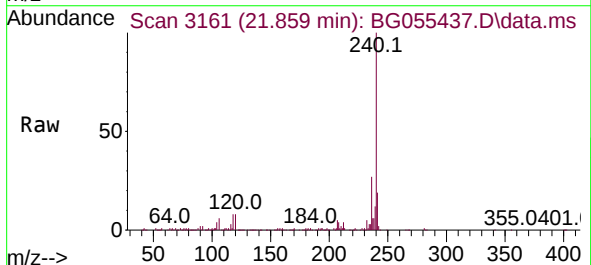
Instrument :
BNA_G
ClientSampleId :
LIDEN-GAS-PIPELINE

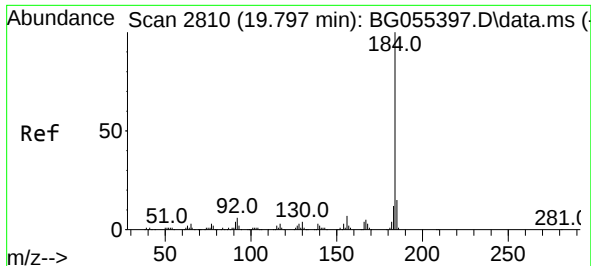
Tgt Ion:248 Resp: 10683
Ion Ratio Lower Upper
248 100
250 189.3 78.3 117.5#
141 469.8 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.859 min Scan# 3161
Delta R.T. -0.012 min
Lab File: BG055437.D
Acq: 3 Nov 2022 14:30

Tgt Ion:240 Resp: 206916
Ion Ratio Lower Upper
240 100
120 8.4 6.9 10.3
236 26.8 21.5 32.3

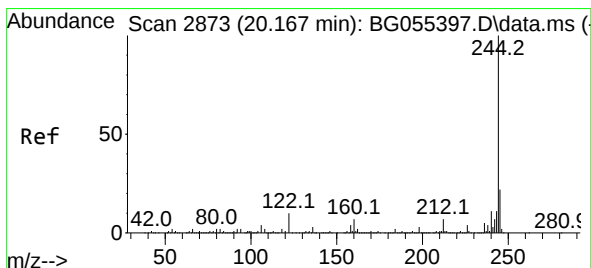
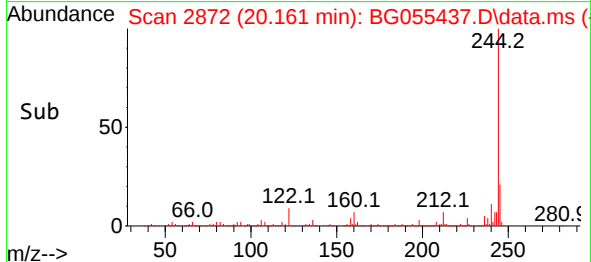
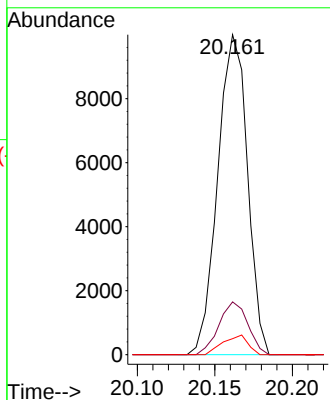
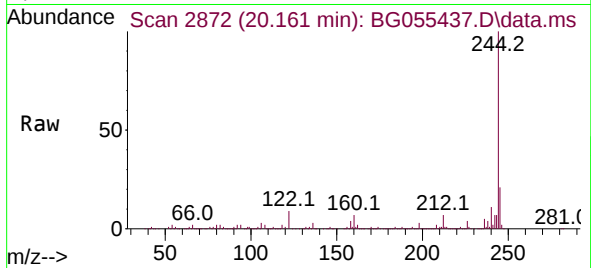




#77
Benzidine
Concen: 3.089 ng
RT: 20.161 min Scan# 2810
Delta R.T. 0.364 min
Lab File: BG055437.D
Acq: 3 Nov 2022 14:30

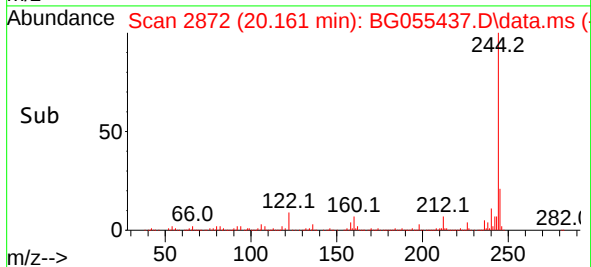
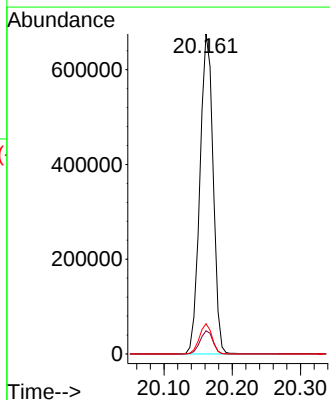
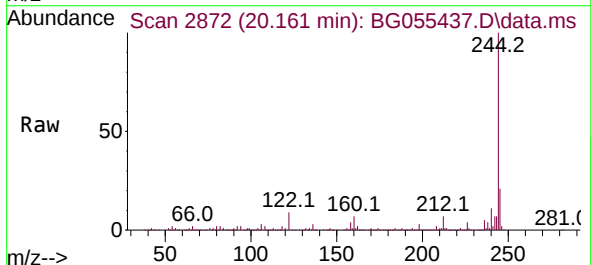
Instrument :
BNA_G
ClientSampleId :
LIDEN-GAS-PIPELINE

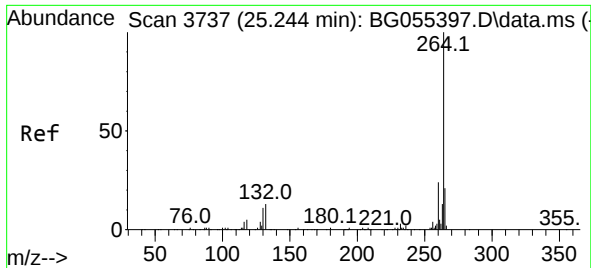
Tgt Ion:184 Resp: 13308
Ion Ratio Lower Upper
184 100
185 16.5 11.7 17.5
183 5.0 9.8 14.8#



#79
Terphenyl-d14
Concen: 85.493 ng
RT: 20.161 min Scan# 2872
Delta R.T. -0.006 min
Lab File: BG055437.D
Acq: 3 Nov 2022 14:30

Tgt Ion:244 Resp: 909724
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 9.4 7.8 11.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.232 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BG055437.D
 Acq: 3 Nov 2022 14:30

Instrument :
 BNA_G
 ClientSampleId :
 LIDEN-GAS-PIPELINE

Tgt Ion:264 Resp: 222031
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.9 28.3
 265 22.3 17.1 25.7

