

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
 Data File : BG055425.D
 Acq On : 2 Nov 2022 21:56
 Operator : CG/JU
 Sample : N5396-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-B

Quant Time: Nov 03 06:12:36 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)

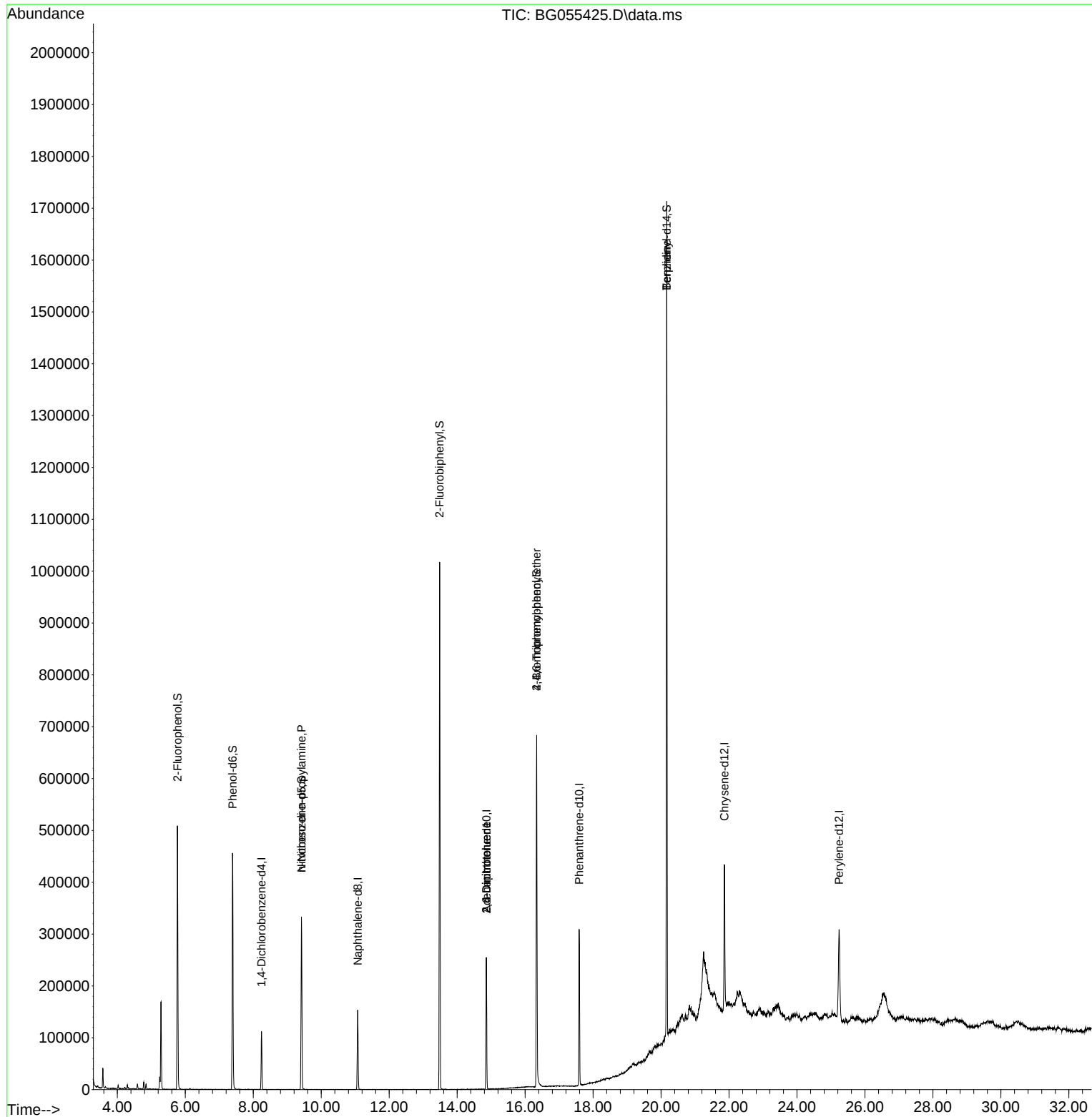
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	32695	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	141007	20.000	ng	0.00
39) Acenaphthene-d10	14.857	164	93639	20.000	ng	0.00
64) Phenanthrene-d10	17.589	188	195843	20.000	ng	0.00
76) Chrysene-d12	21.866	240	187288	20.000	ng	0.00
86) Perylene-d12	25.239	264	202642	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.768	112	235204	129.191	ng	0.00
7) Phenol-d6	7.389	99	289783	114.779	ng	0.00
23) Nitrobenzene-d5	9.416	82	207827	78.550	ng	0.00
42) 2,4,6-Tribromophenol	16.338	330	159199	124.641	ng	0.00
45) 2-Fluorobiphenyl	13.482	172	543634	86.078	ng	0.00
79) Terphenyl-d14	20.168	244	823515	85.502	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.416	70	27682	14.032	ng	# 77
51) 2,6-Dinitrotoluene	14.857	165	12326	7.533	ng	# 27
57) 2,4-Dinitrotoluene	14.857	165	12326	5.268	ng	# 25
67) 4-Bromophenyl-phenylether	16.338	248	9918	4.284	ng	# 1
77) Benzidine	20.168	184	11953	3.065	ng	# 95

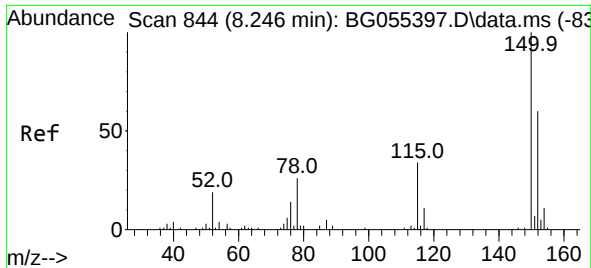
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
Data File : BG055425.D
Acq On : 2 Nov 2022 21:56
Operator : CG/JU
Sample : N5396-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-B

Quant Time: Nov 03 06:12:36 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

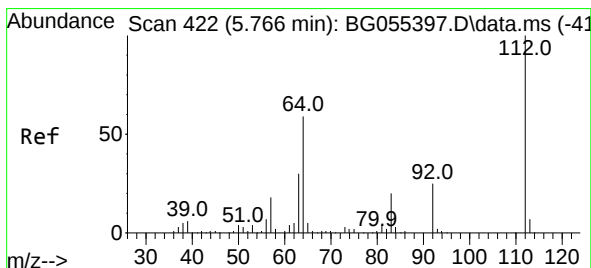
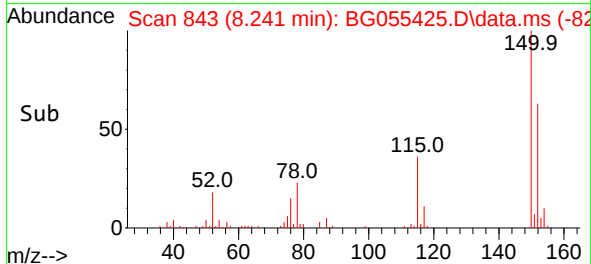
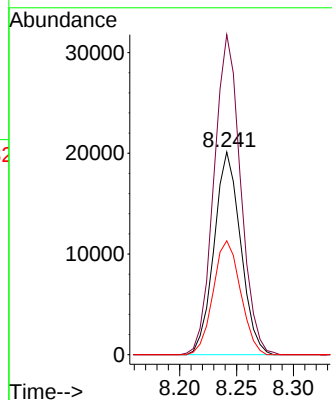
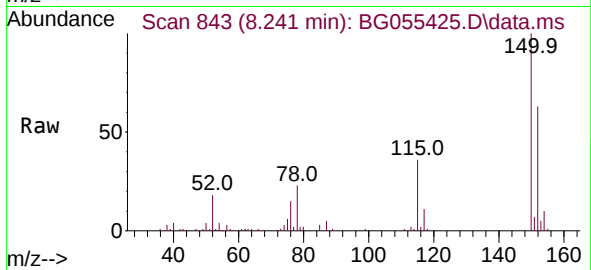




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.241 min Scan# 844
Delta R.T. -0.005 min
Lab File: BG055425.D
Acq: 2 Nov 2022 21:56

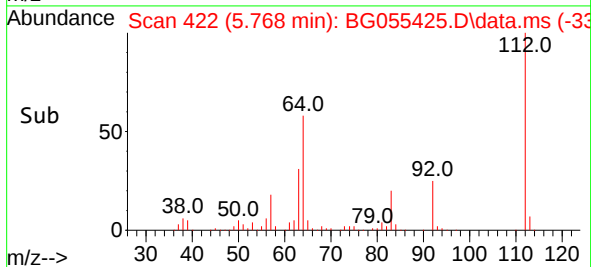
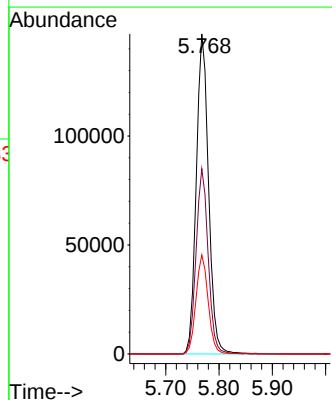
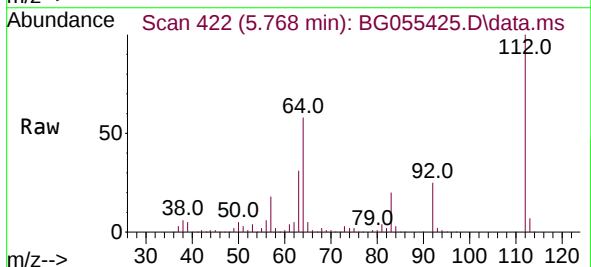
Instrument :
BNA_G
ClientSampleId :
TP-B

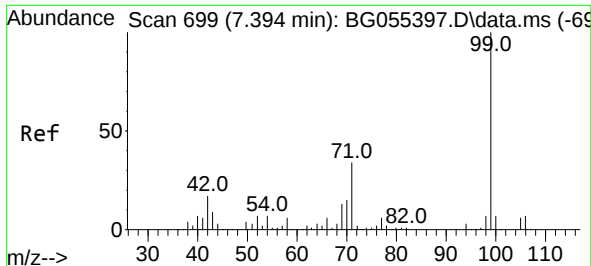
Tgt Ion:152 Resp: 32695
Ion Ratio Lower Upper
152 100
150 157.8 132.8 199.2
115 56.2 45.1 67.7



#5
2-Fluorophenol
Concen: 129.191 ng
RT: 5.768 min Scan# 422
Delta R.T. 0.001 min
Lab File: BG055425.D
Acq: 2 Nov 2022 21:56

Tgt Ion:112 Resp: 235204
Ion Ratio Lower Upper
112 100
64 57.9 47.2 70.8
63 30.9 24.3 36.5

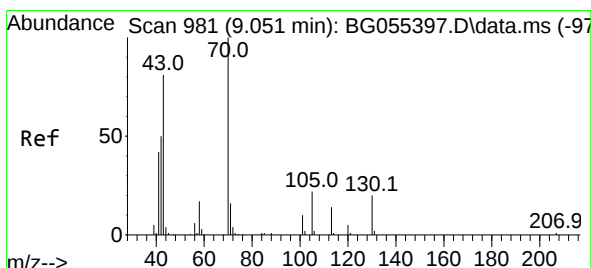
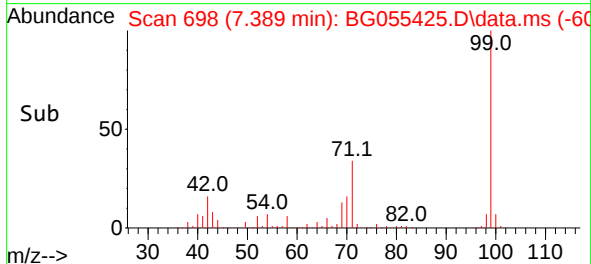
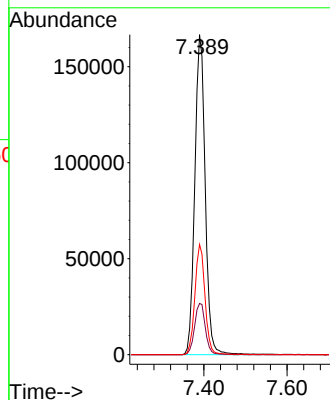
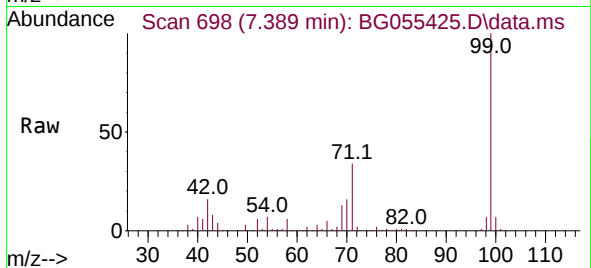




#7
Phenol-d6
Concen: 114.779 ng
RT: 7.389 min Scan# 699
Delta R.T. -0.005 min
Lab File: BG055425.D
Acq: 2 Nov 2022 21:56

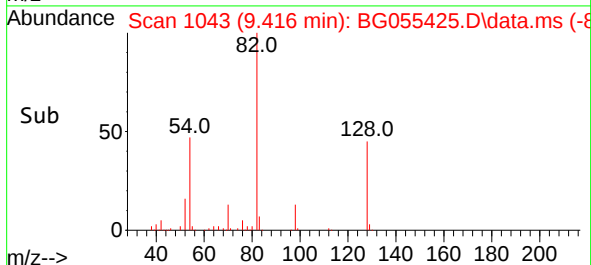
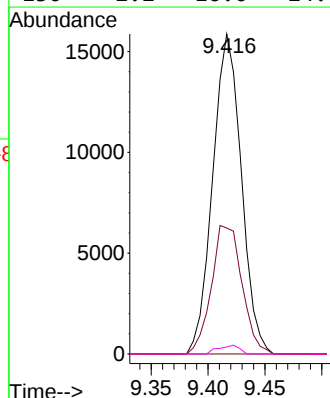
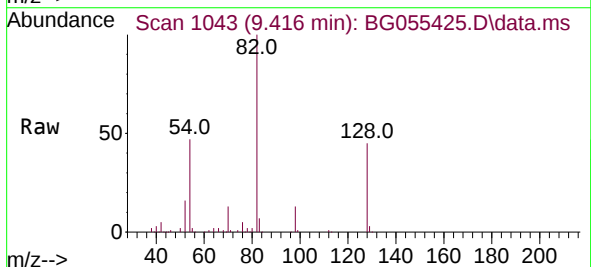
Instrument :
BNA_G
ClientSampleId :
TP-B

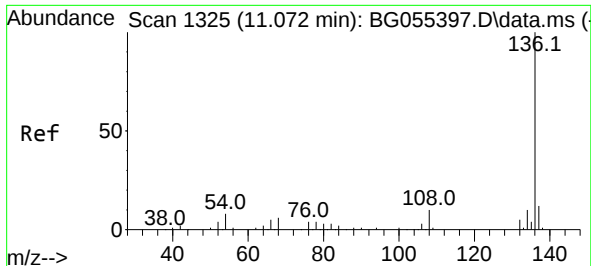
Tgt Ion: 99 Resp: 289783
Ion Ratio Lower Upper
99 100
42 16.0 13.5 20.3
71 34.4 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.032 ng
RT: 9.416 min Scan# 1043
Delta R.T. 0.366 min
Lab File: BG055425.D
Acq: 2 Nov 2022 21:56

Tgt Ion: 70 Resp: 27682
Ion Ratio Lower Upper
70 100
42 39.3 40.6 61.0#
101 0.0 7.8 11.6#
130 2.2 16.0 24.0#

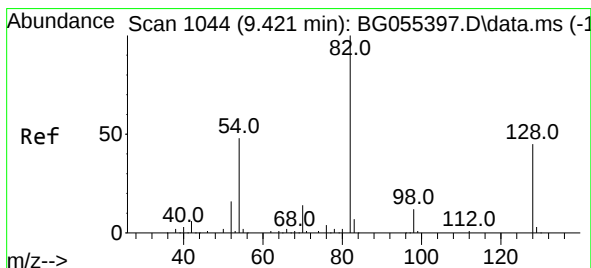
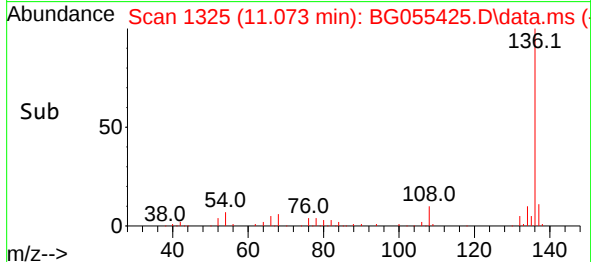
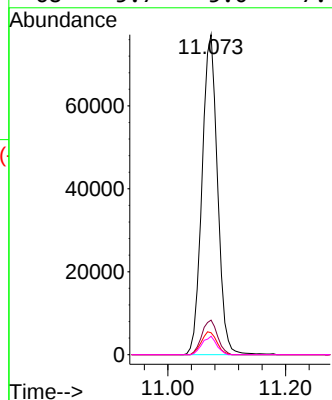
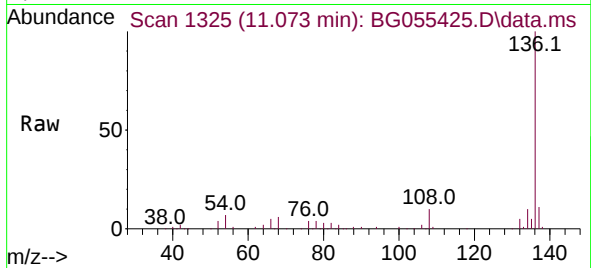




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG055425.D
Acq: 2 Nov 2022 21:56

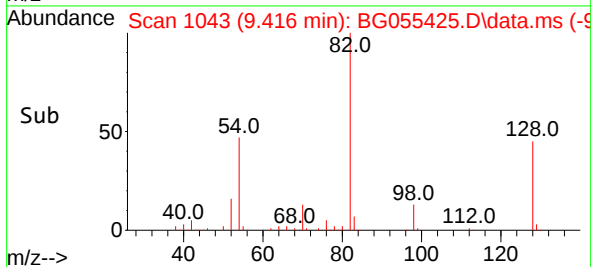
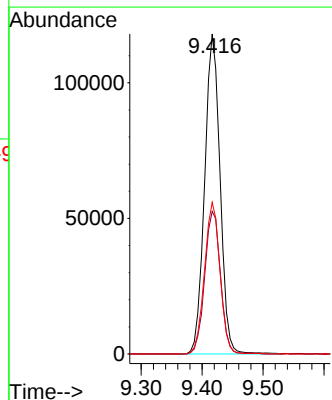
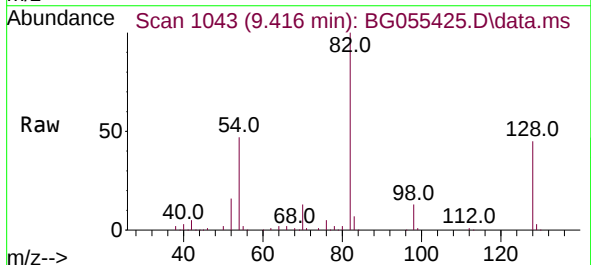
Instrument :
BNA_G
ClientSampleId :
TP-B

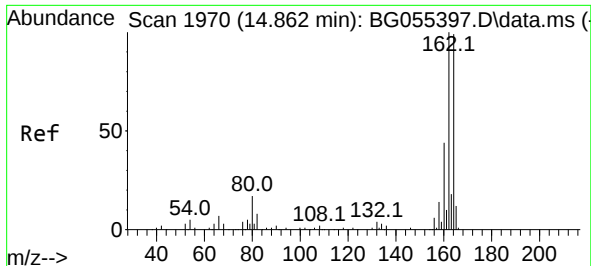
Tgt Ion:136 Resp: 141007
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.2
54 6.8 6.1 9.1
68 5.7 5.0 7.4



#23
Nitrobenzene-d5
Concen: 78.550 ng
RT: 9.416 min Scan# 1043
Delta R.T. -0.005 min
Lab File: BG055425.D
Acq: 2 Nov 2022 21:56

Tgt Ion: 82 Resp: 207827
Ion Ratio Lower Upper
82 100
128 44.5 35.8 53.8
54 47.4 38.1 57.1

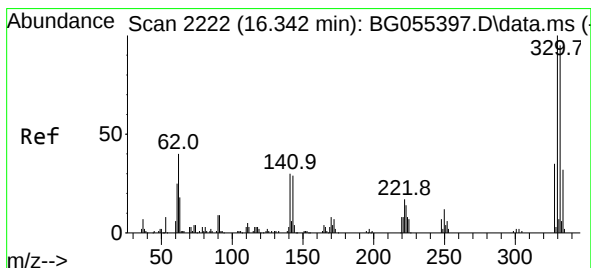
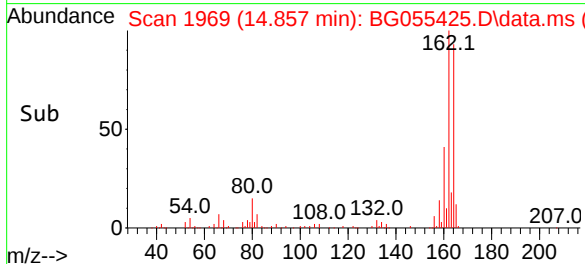
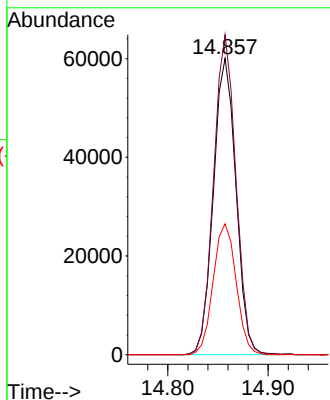
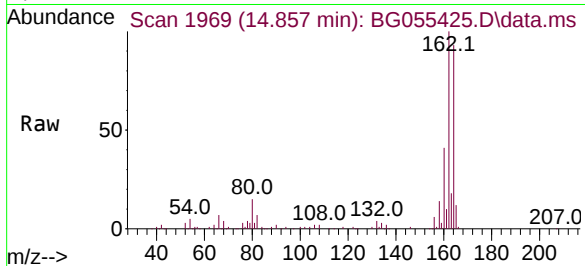




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.857 min Scan# 1969
Delta R.T. -0.005 min
Lab File: BG055425.D
Acq: 2 Nov 2022 21:56

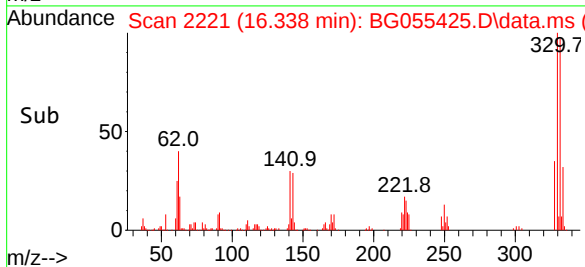
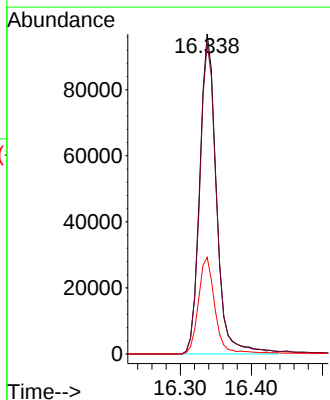
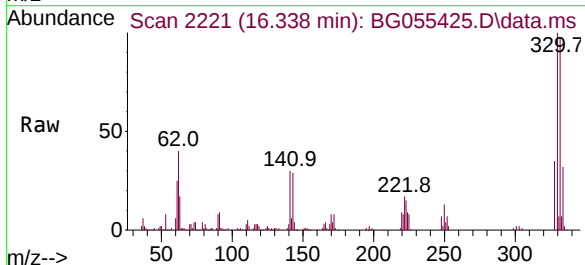
Instrument :
BNA_G
ClientSampleId :
TP-B

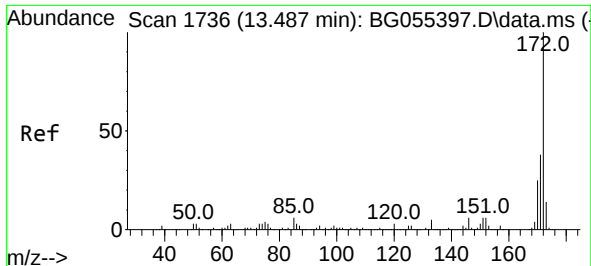
Tgt Ion:164 Resp: 93639
Ion Ratio Lower Upper
164 100
162 108.0 81.1 121.7
160 44.2 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 124.641 ng
RT: 16.338 min Scan# 2221
Delta R.T. -0.005 min
Lab File: BG055425.D
Acq: 2 Nov 2022 21:56

Tgt Ion:330 Resp: 159199
Ion Ratio Lower Upper
330 100
332 99.5 77.8 116.6
141 30.6 24.2 36.2

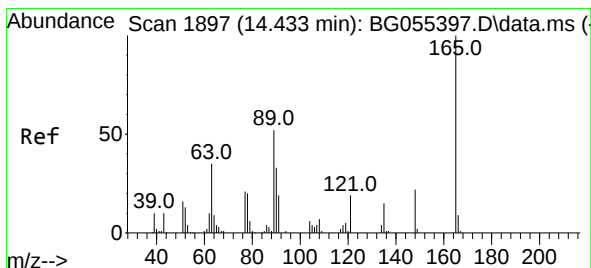
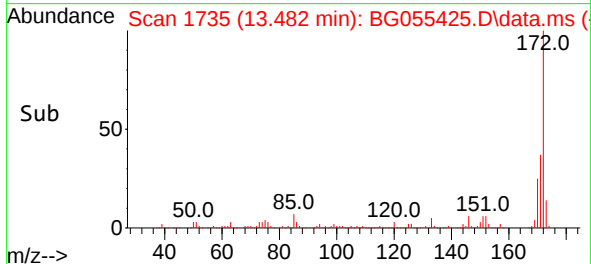
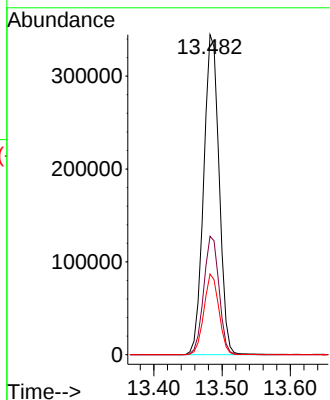
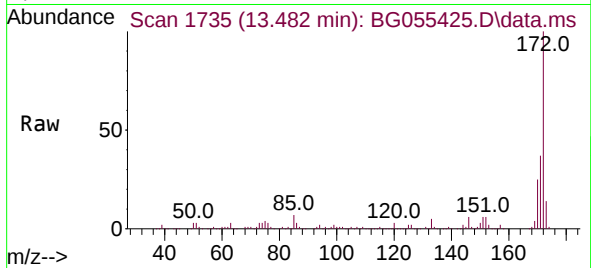




#45
2-Fluorobiphenyl
Concen: 86.078 ng
RT: 13.482 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG055425.D
Acq: 2 Nov 2022 21:56

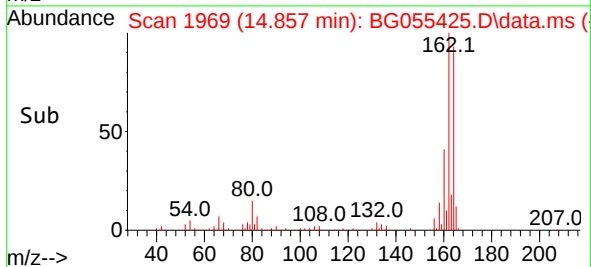
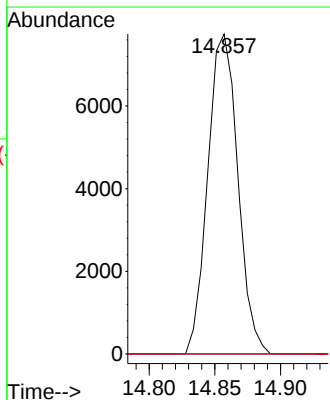
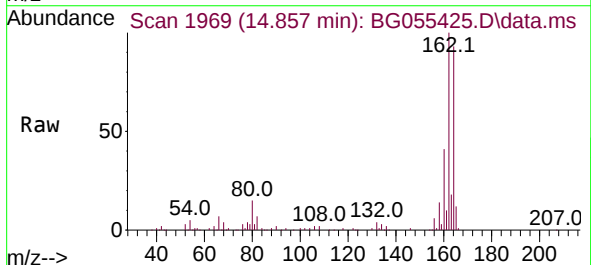
Instrument :
BNA_G
ClientSampleId :
TP-B

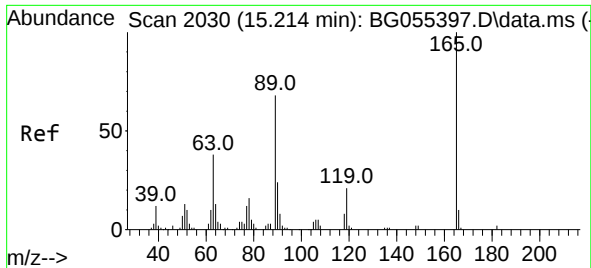
Tgt Ion:172 Resp: 543634
Ion Ratio Lower Upper
172 100
171 37.0 30.2 45.2
170 25.2 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.533 ng
RT: 14.857 min Scan# 1969
Delta R.T. 0.424 min
Lab File: BG055425.D
Acq: 2 Nov 2022 21:56

Tgt Ion:165 Resp: 12326
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: 5.268 ng

RT: 14.857 min Scan# 1969

Delta R.T. -0.357 min

Lab File: BG055425.D

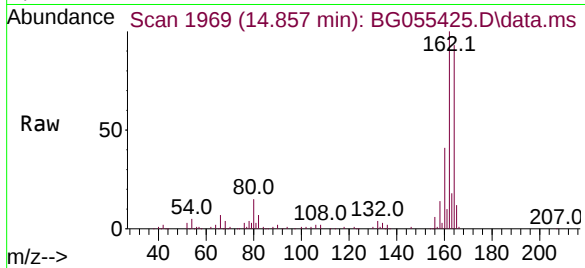
Acq: 2 Nov 2022 21:56

Instrument :

BNA_G

ClientSampleId :

TP-B



Tgt Ion:165 Resp: 12326

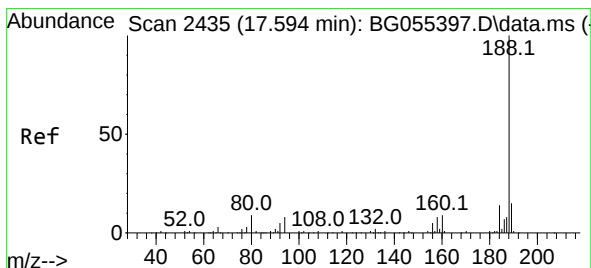
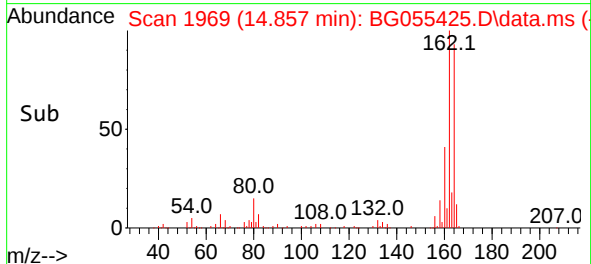
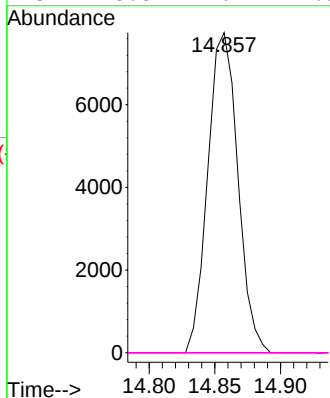
Ion Ratio Lower Upper

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: 17.589 min Scan# 2434

Delta R.T. -0.005 min

Lab File: BG055425.D

Acq: 2 Nov 2022 21:56

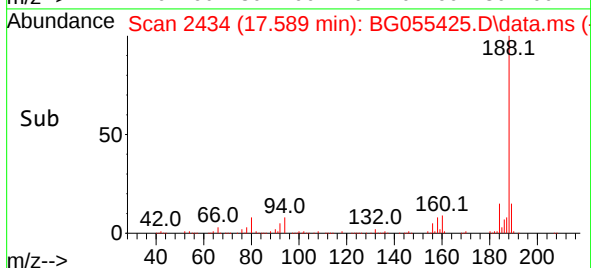
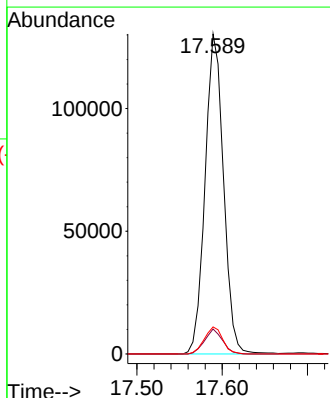
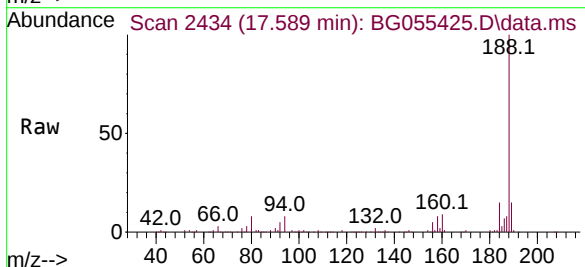
Tgt Ion:188 Resp: 195843

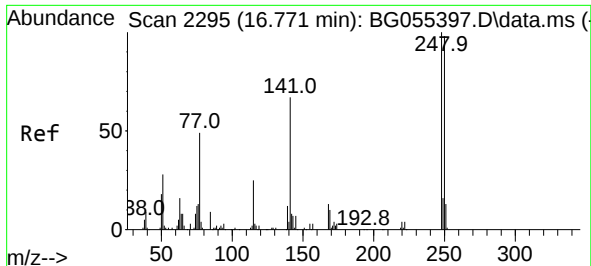
Ion Ratio Lower Upper

188 100

94 7.8 6.5 9.7

80 8.5 7.4 11.0

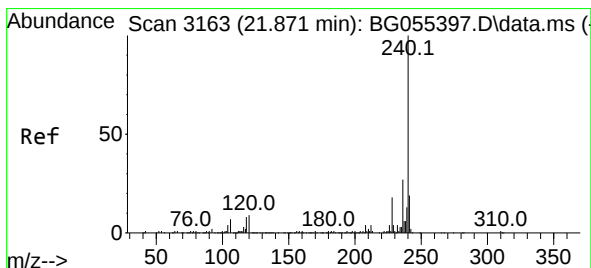
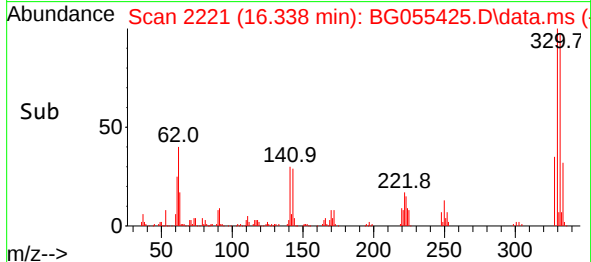
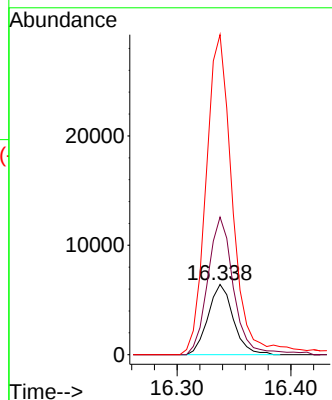
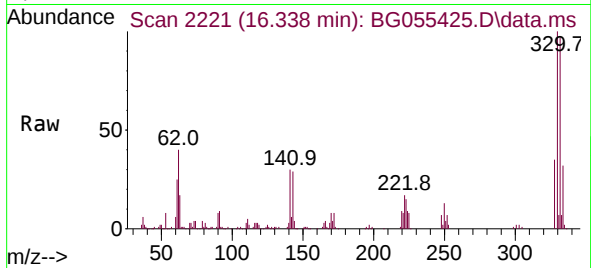




#67
4-Bromophenyl-phenylether
Concen: 4.284 ng
RT: 16.338 min Scan# 21
Delta R.T. -0.433 min
Lab File: BG055425.D
Acq: 2 Nov 2022 21:56

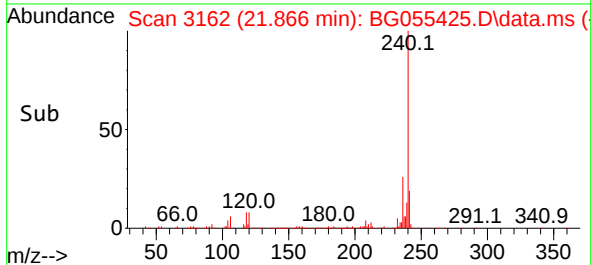
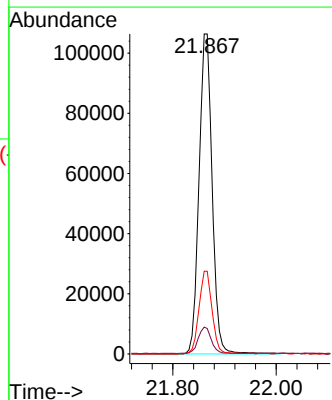
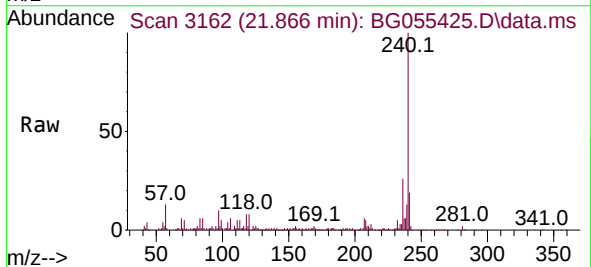
Instrument :
BNA_G
ClientSampleId :
TP-B

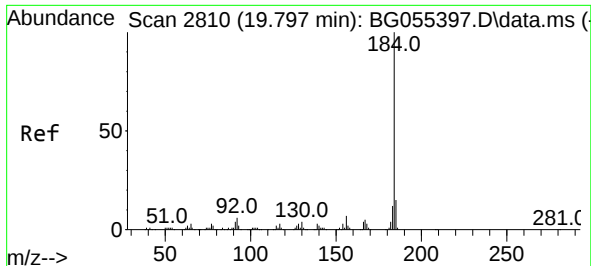
Tgt Ion:248 Resp: 9918
Ion Ratio Lower Upper
248 100
250 195.9 78.3 117.5#
141 455.7 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.866 min Scan# 3162
Delta R.T. -0.005 min
Lab File: BG055425.D
Acq: 2 Nov 2022 21:56

Tgt Ion:240 Resp: 187288
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 25.9 21.5 32.3

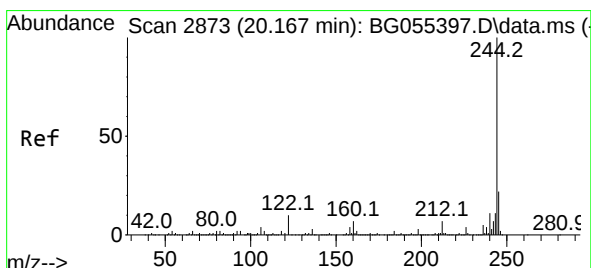
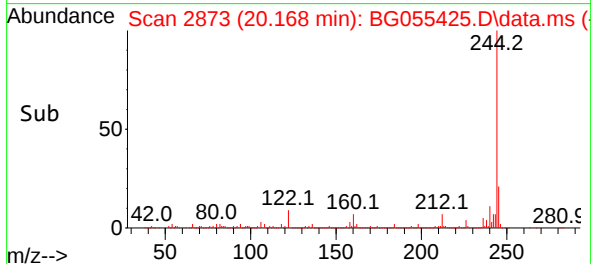
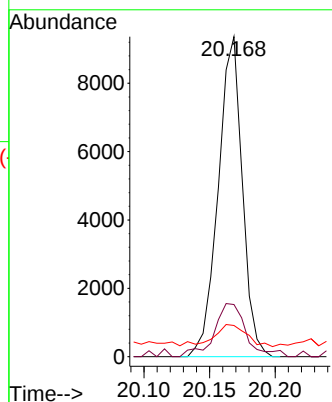
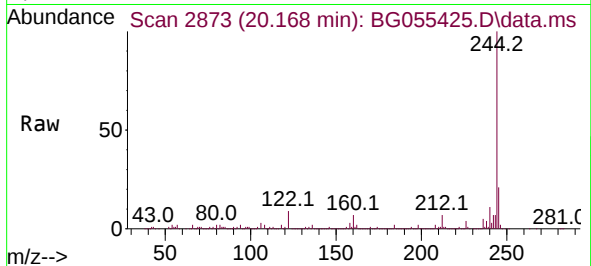




#77
Benzidine
Concen: 3.065 ng
RT: 20.168 min Scan# 2810
Delta R.T. 0.371 min
Lab File: BG055425.D
Acq: 2 Nov 2022 21:56

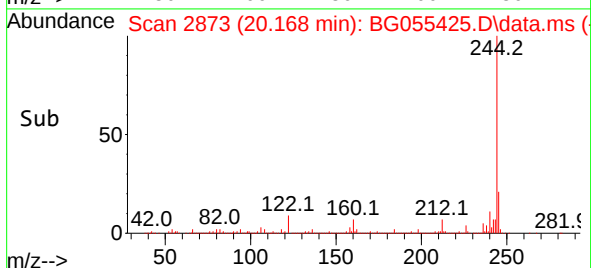
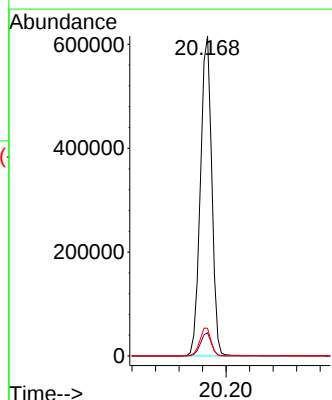
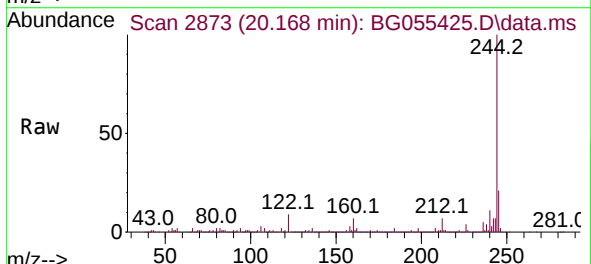
Instrument :
BNA_G
ClientSampleId :
TP-B

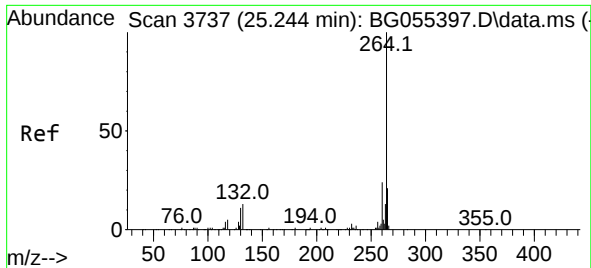
Tgt Ion:184 Resp: 11953
Ion Ratio Lower Upper
184 100
185 16.3 11.7 17.5
183 9.7 9.8 14.8#



#79
Terphenyl-d14
Concen: 85.502 ng
RT: 20.168 min Scan# 2873
Delta R.T. 0.001 min
Lab File: BG055425.D
Acq: 2 Nov 2022 21:56

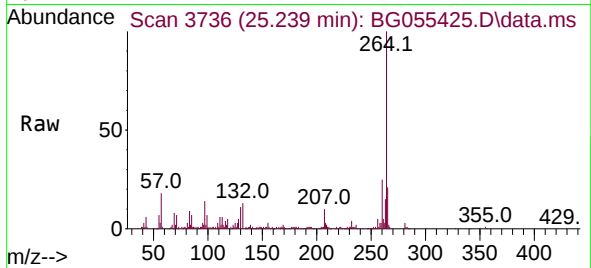
Tgt Ion:244 Resp: 823515
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 8.6 7.8 11.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.239 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG055425.D
Acq: 2 Nov 2022 21:56

Instrument :
BNA_G
ClientSampleId :
TP-B



Tgt Ion:264 Resp: 202642

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.9	28.3
265	21.4	17.1	25.7

