

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110422\
 Data File : BG055462.D
 Acq On : 4 Nov 2022 20:35
 Operator : CG/JU
 Sample : N5435-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PTS-TP-COMP-1103

Quant Time: Nov 05 00:05:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 05:28:43 2022
 Response via : Initial Calibration

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

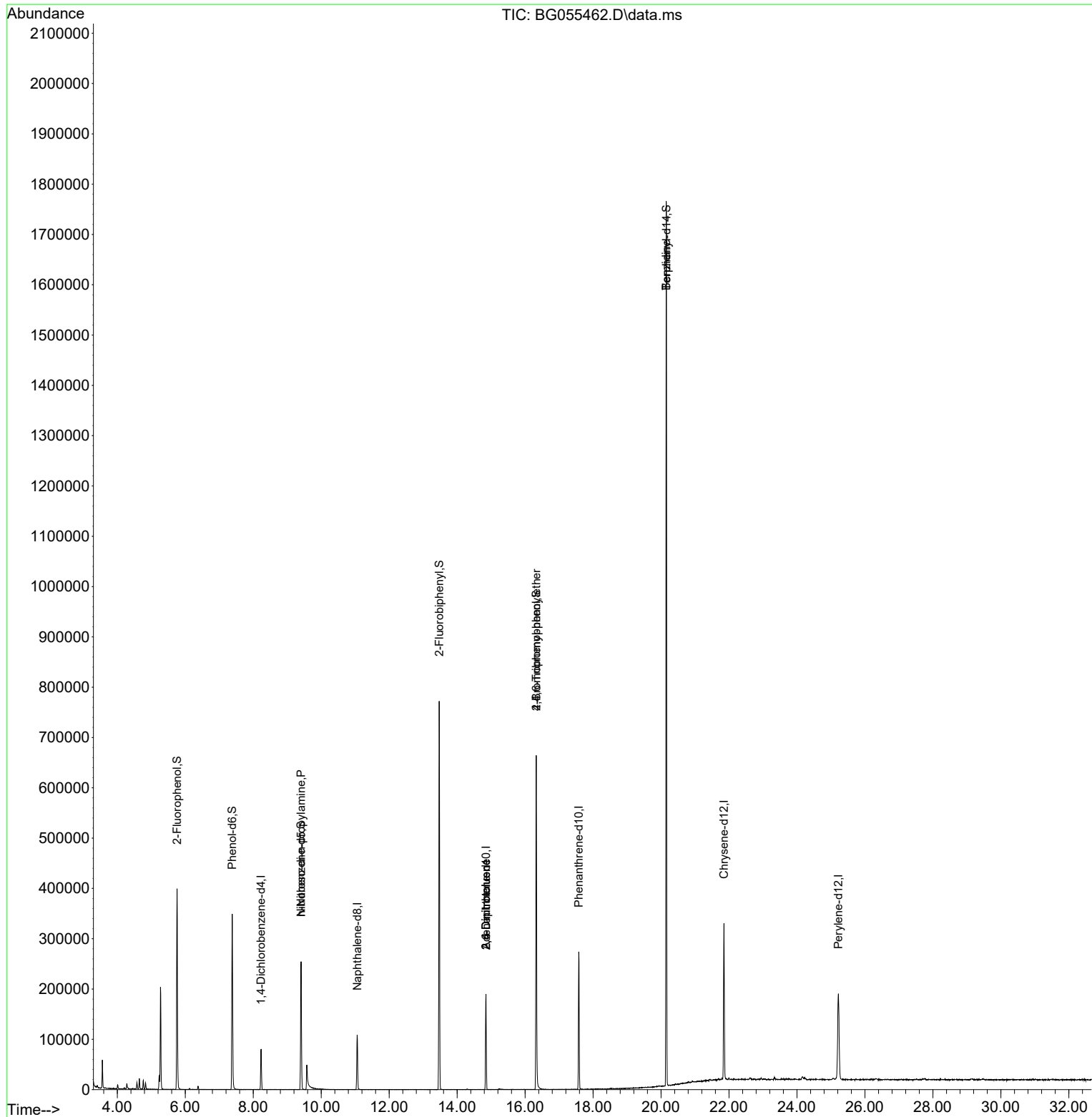
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.232	152	24532	20.000	ng	0.00
21) Naphthalene-d8	11.058	136	100119	20.000	ng	0.00
39) Acenaphthene-d10	14.847	164	71056	20.000	ng	0.00
64) Phenanthrene-d10	17.580	188	182360	20.000	ng	0.00
76) Chrysene-d12	21.851	240	200245	20.000	ng	0.00
86) Perylene-d12	25.218	264	212033	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	188642	138.094	ng	0.00
7) Phenol-d6	7.380	99	224159	118.330	ng	0.00
23) Nitrobenzene-d5	9.407	82	162862	86.694	ng	0.00
42) 2,4,6-Tribromophenol	16.328	330	153581	158.458	ng	0.00
45) 2-Fluorobiphenyl	13.473	172	412542	86.081	ng	0.00
79) Terphenyl-d14	20.159	244	924602	89.786	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.407	70	20864	14.095	ng	# 83
51) 2,6-Dinitrotoluene	14.847	165	9261	7.458	ng	# 27
57) 2,4-Dinitrotoluene	14.847	165	9261	5.216	ng	# 25
67) 4-Bromophenyl-phenylether	16.328	248	9481	4.398	ng	# 1
77) Benzidine	20.153	184	13343	3.201	ng	# 94

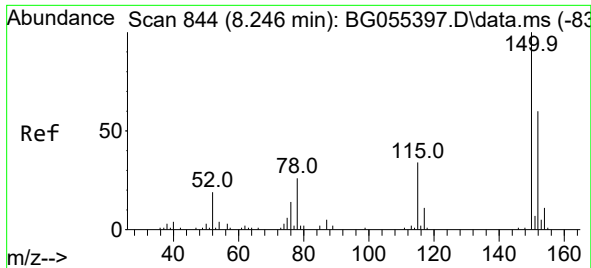
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 05:28:43 2022
Response via : Initial Calibration

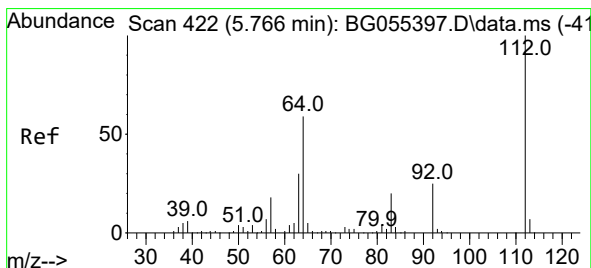
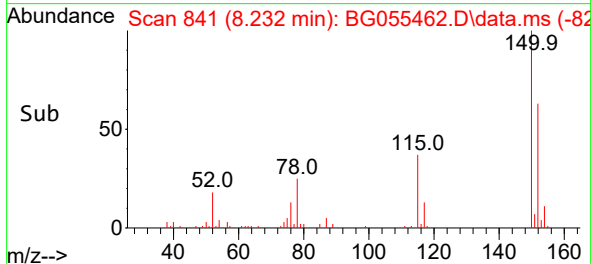
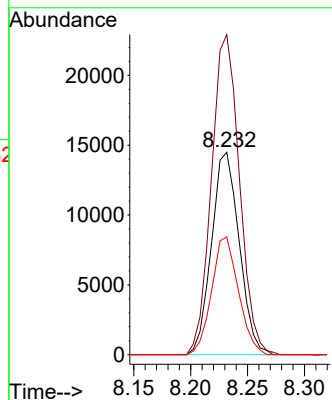
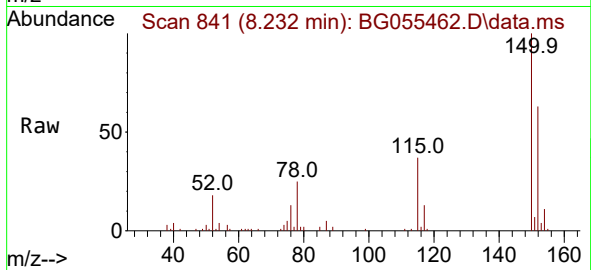




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.232 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG055462.D
Acq: 4 Nov 2022 20:35

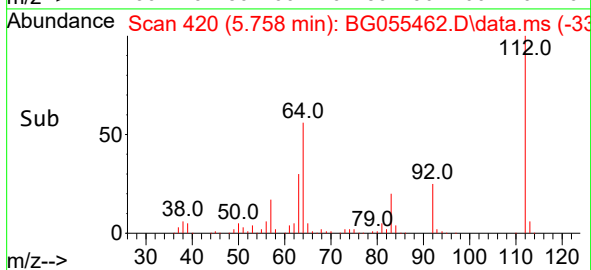
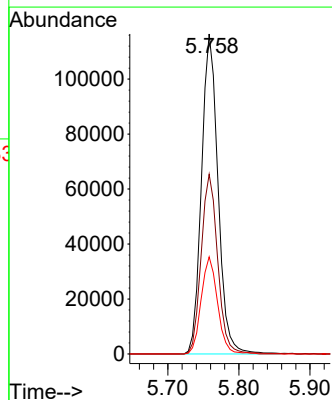
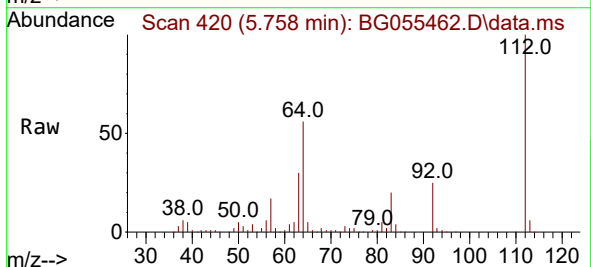
Instrument :
BNA_G
ClientSampleId :
PTS-TP-COMP-1103

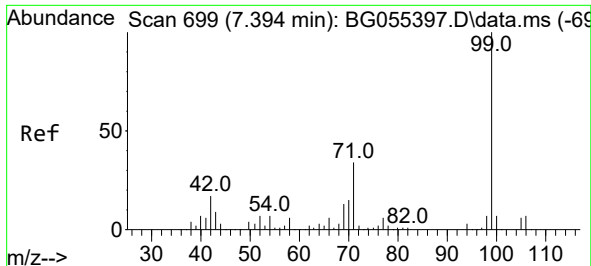
Tgt Ion:152 Resp: 24532
Ion Ratio Lower Upper
152 100
150 158.1 132.8 199.2
115 58.2 45.1 67.7



#5
2-Fluorophenol
Concen: 138.094 ng
RT: 5.758 min Scan# 420
Delta R.T. -0.004 min
Lab File: BG055462.D
Acq: 4 Nov 2022 20:35

Tgt Ion:112 Resp: 188642
Ion Ratio Lower Upper
112 100
64 56.2 47.2 70.8
63 30.3 24.3 36.5

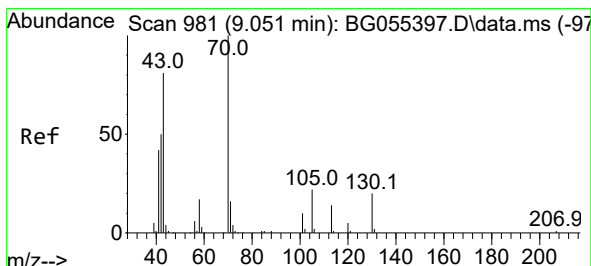
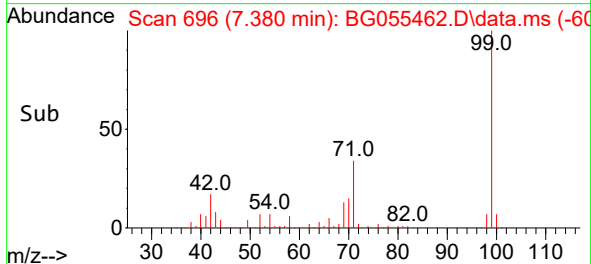
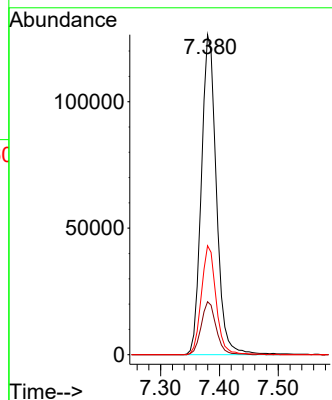
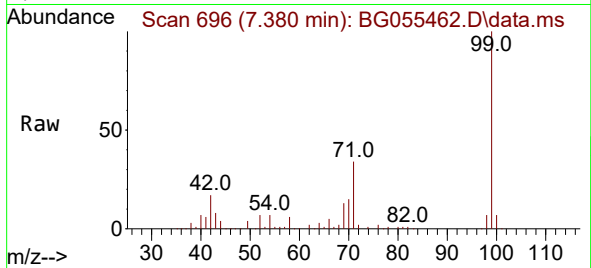




#7
Phenol-d6
Concen: 118.330 ng
RT: 7.380 min Scan# 699
Delta R.T. -0.004 min
Lab File: BG055462.D
Acq: 4 Nov 2022 20:35

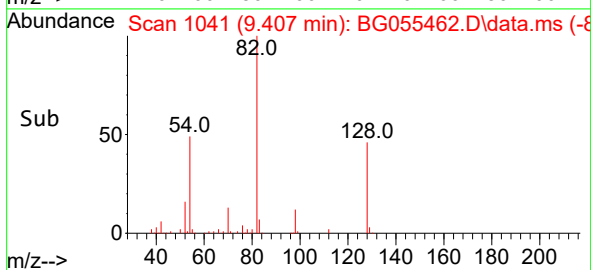
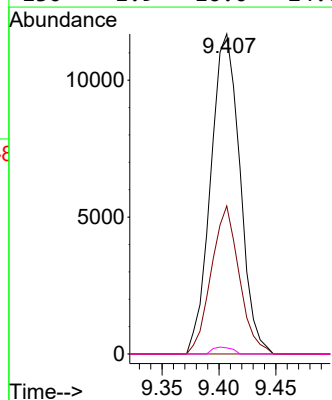
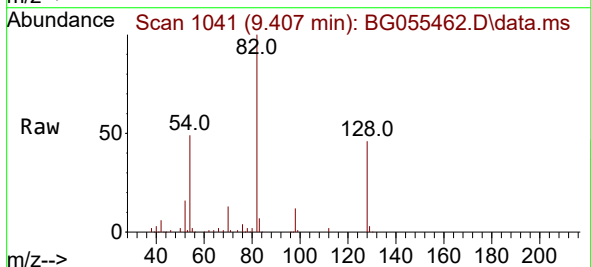
Instrument :
BNA_G
ClientSampleId :
PTS-TP-COMP-1103

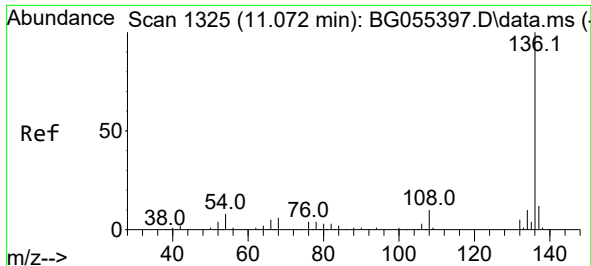
Tgt Ion: 99 Resp: 224159
Ion Ratio Lower Upper
99 100
42 16.5 13.5 20.3
71 34.1 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.095 ng
RT: 9.407 min Scan# 1041
Delta R.T. 0.366 min
Lab File: BG055462.D
Acq: 4 Nov 2022 20:35

Tgt Ion: 70 Resp: 20864
Ion Ratio Lower Upper
70 100
42 46.2 40.6 61.0
101 0.0 7.8 11.6#
130 1.9 16.0 24.0#

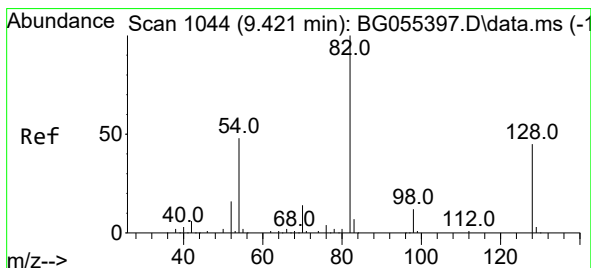
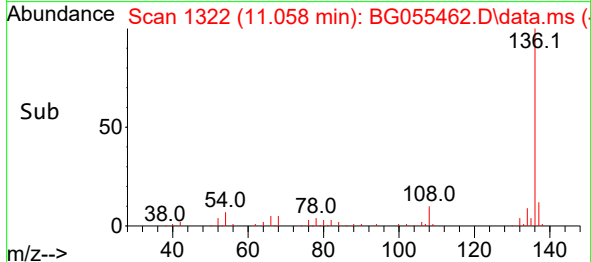
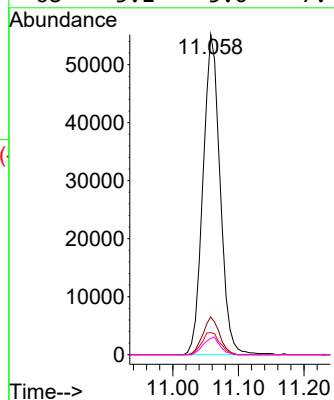
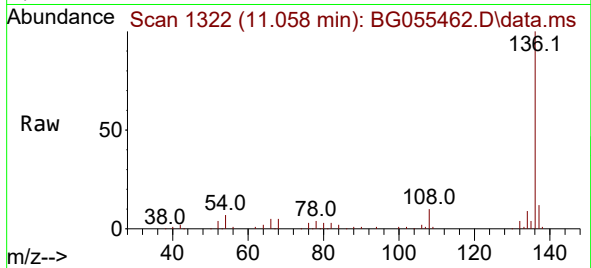




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.058 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG055462.D
Acq: 4 Nov 2022 20:35

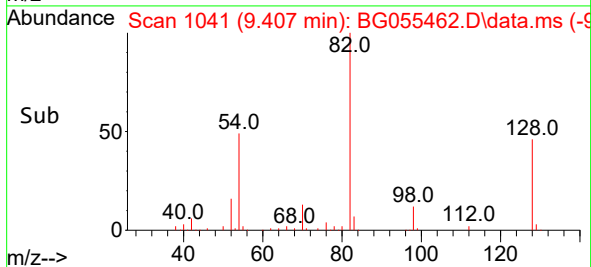
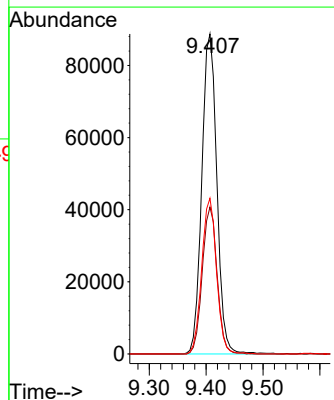
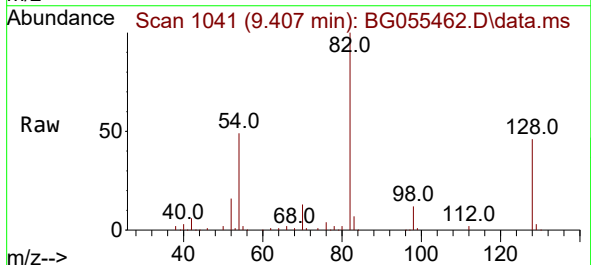
Instrument :
BNA_G
ClientSampleId :
PTS-TP-COMP-1103

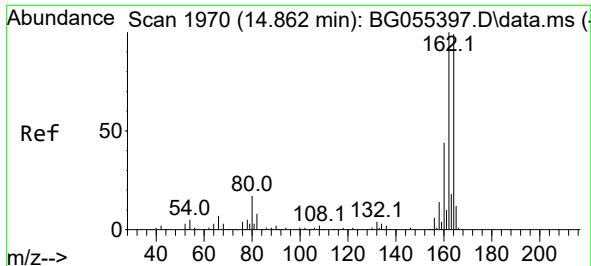
Tgt Ion:	136	Resp:	100119
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.4	14.2
54	6.9	6.1	9.1
68	5.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 86.694 ng
RT: 9.407 min Scan# 1041
Delta R.T. -0.004 min
Lab File: BG055462.D
Acq: 4 Nov 2022 20:35

Tgt Ion:	82	Resp:	162862
Ion	Ratio	Lower	Upper
82	100		
128	45.9	35.8	53.8
54	48.6	38.1	57.1

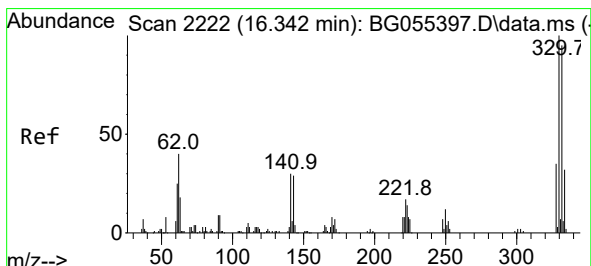
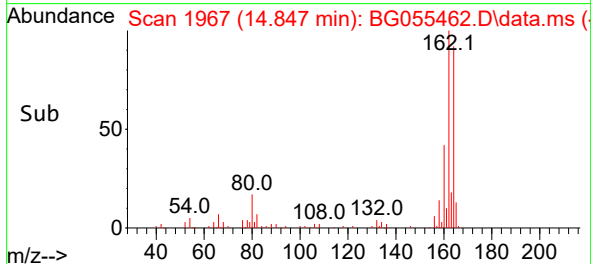
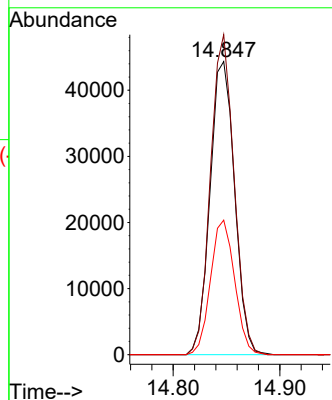
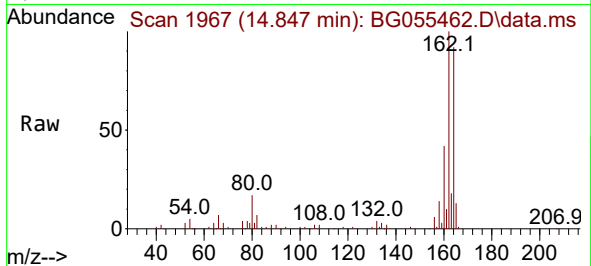




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.847 min Scan# 1970
Delta R.T. -0.010 min
Lab File: BG055462.D
Acq: 4 Nov 2022 20:35

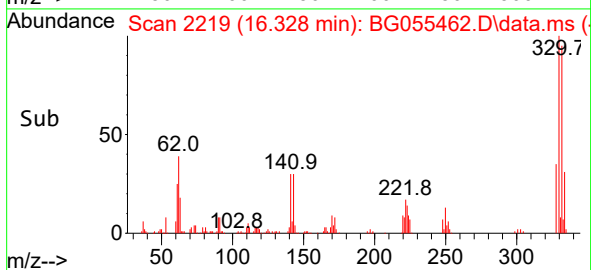
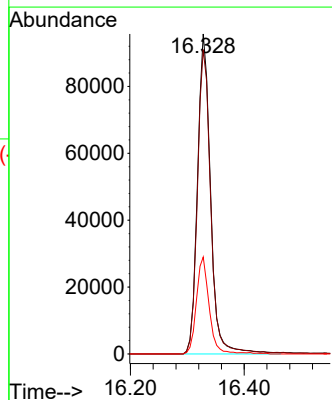
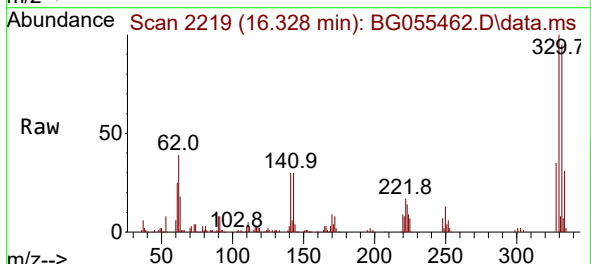
Instrument :
BNA_G
ClientSampleId :
PTS-TP-COMP-1103

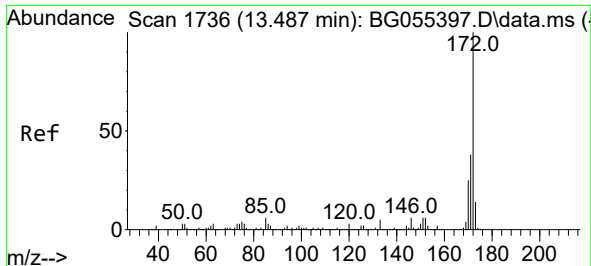
Tgt Ion:164 Resp: 71056
Ion Ratio Lower Upper
164 100
162 109.1 81.1 121.7
160 45.9 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 158.458 ng
RT: 16.328 min Scan# 2219
Delta R.T. -0.010 min
Lab File: BG055462.D
Acq: 4 Nov 2022 20:35

Tgt Ion:330 Resp: 153581
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.6
141 29.7 24.2 36.2

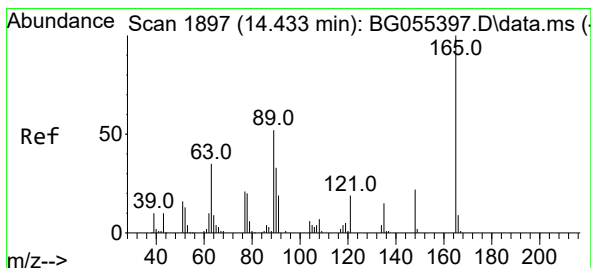
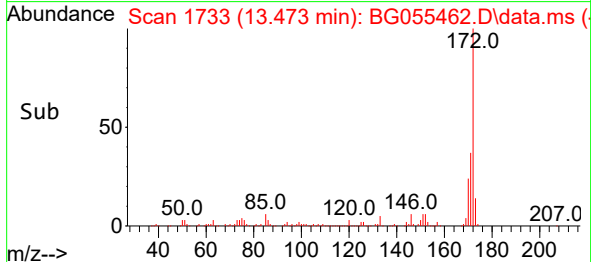
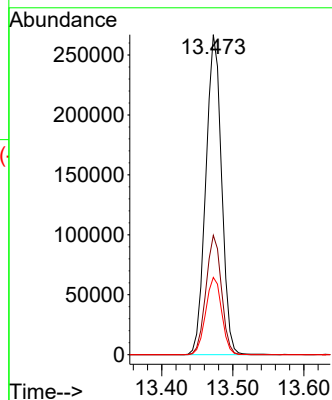
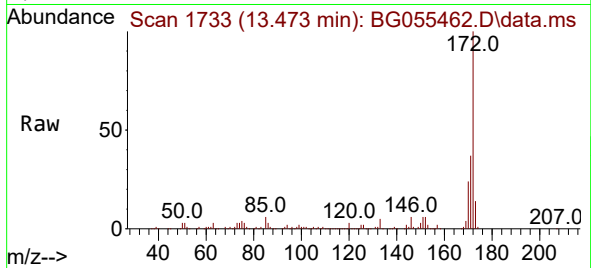




#45
2-Fluorobiphenyl
Concen: 86.081 ng
RT: 13.473 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG055462.D
Acq: 4 Nov 2022 20:35

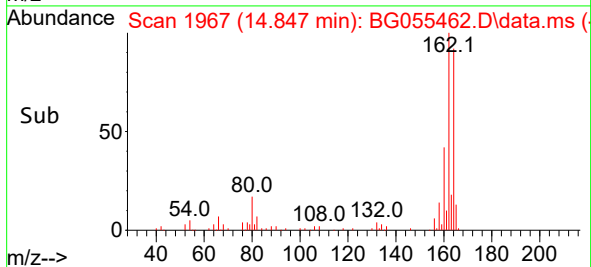
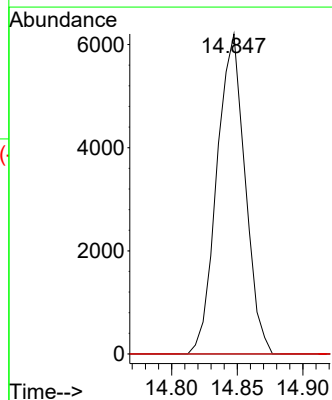
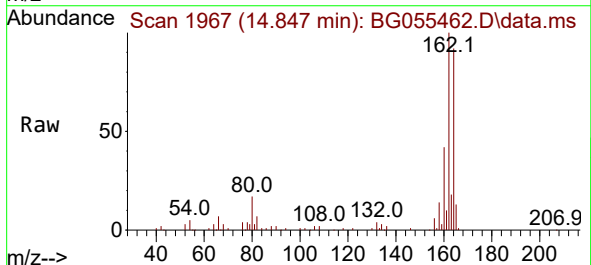
Instrument :
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ClientSampleId :
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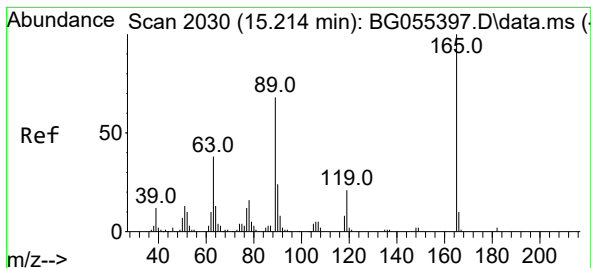
Tgt Ion:172 Resp: 412542
Ion Ratio Lower Upper
172 100
171 37.3 30.2 45.2
170 24.2 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.458 ng
RT: 14.847 min Scan# 1967
Delta R.T. 0.425 min
Lab File: BG055462.D
Acq: 4 Nov 2022 20:35

Tgt Ion:165 Resp: 9261
Ion Ratio Lower Upper
165 100
63 0.0 38.2 57.4#
89 0.0 41.8 62.6#

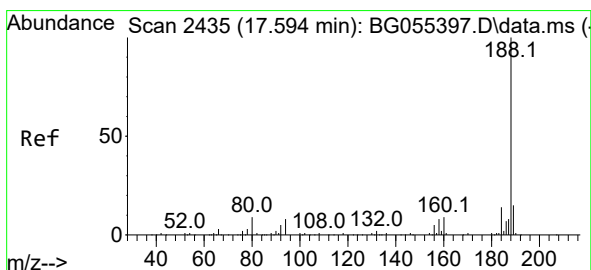
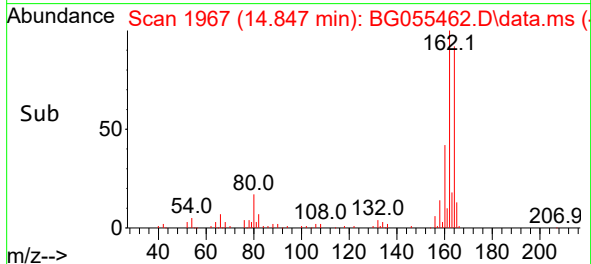
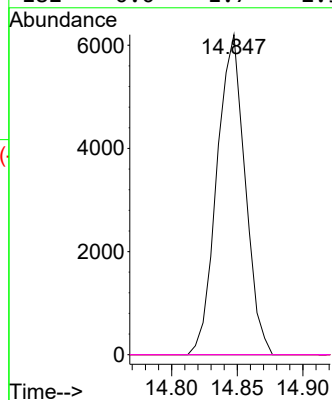
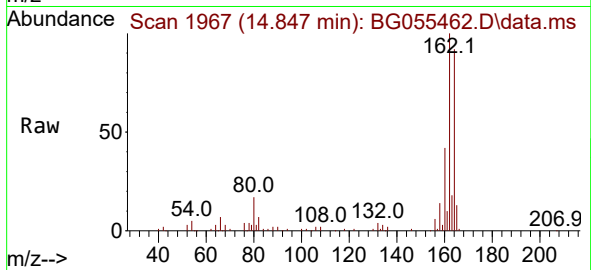




#57
2,4-Dinitrotoluene
Concen: 5.216 ng
RT: 14.847 min Scan# 1967
Delta R.T. -0.362 min
Lab File: BG055462.D
Acq: 4 Nov 2022 20:35

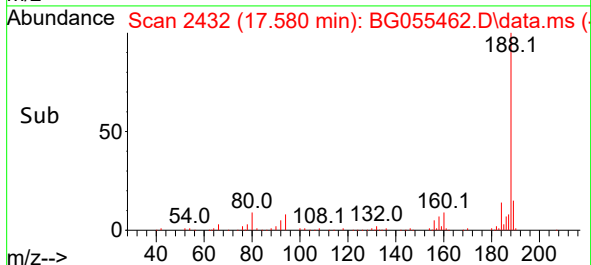
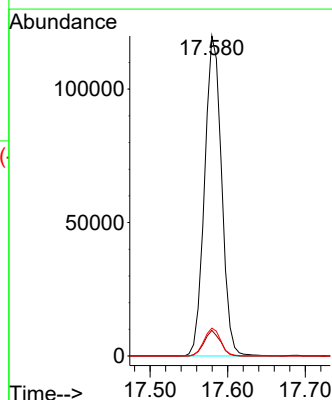
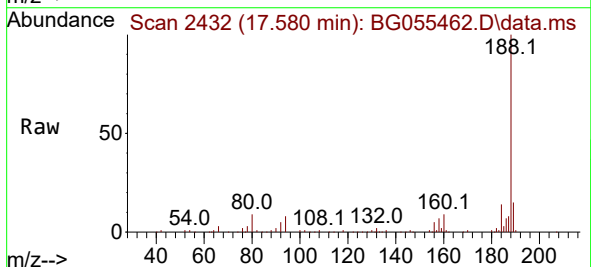
Instrument :
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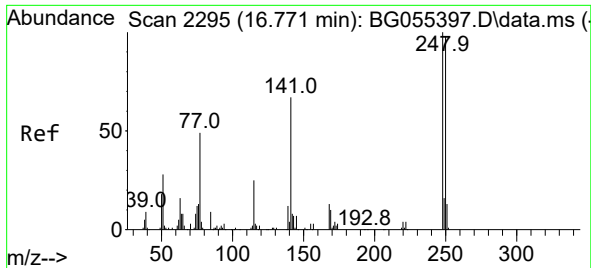
Tgt Ion:165 Resp: 9261
Ion Ratio Lower Upper
165 100
63 0.0 30.8 46.2#
89 0.0 54.5 81.7#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.580 min Scan# 2432
Delta R.T. -0.010 min
Lab File: BG055462.D
Acq: 4 Nov 2022 20:35

Tgt Ion:188 Resp: 182360
Ion Ratio Lower Upper
188 100
94 8.0 6.5 9.7
80 8.7 7.4 11.0

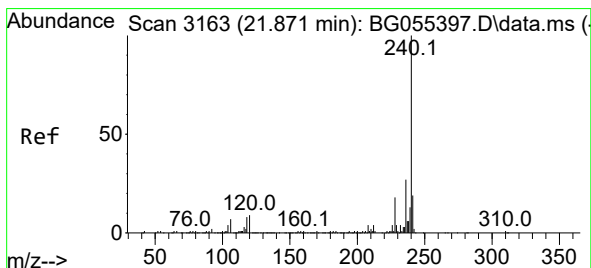
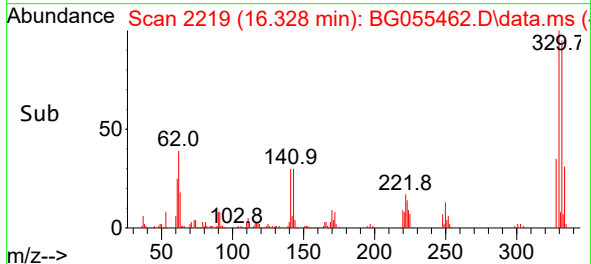
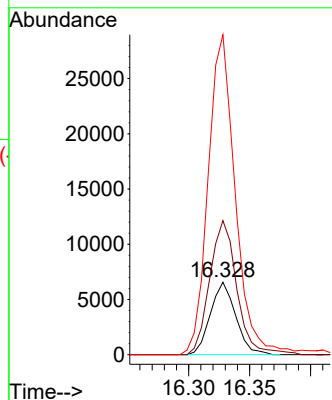
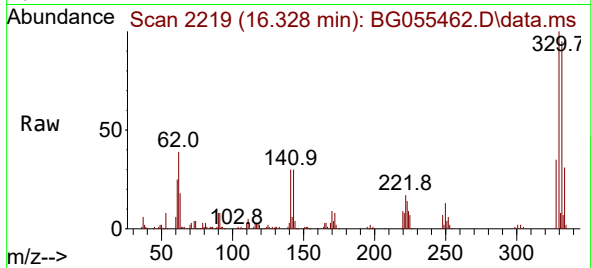




#67
4-Bromophenyl-phenylether
Concen: 4.398 ng
RT: 16.328 min Scan# 211
Delta R.T. -0.439 min
Lab File: BG055462.D
Acq: 4 Nov 2022 20:35

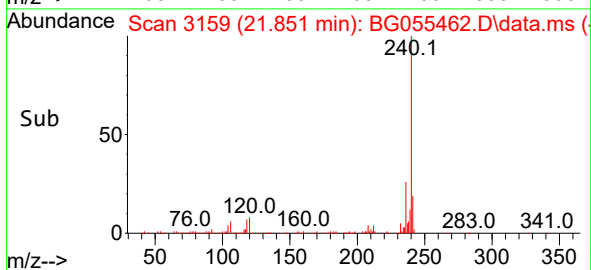
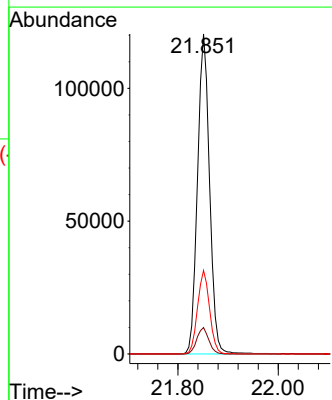
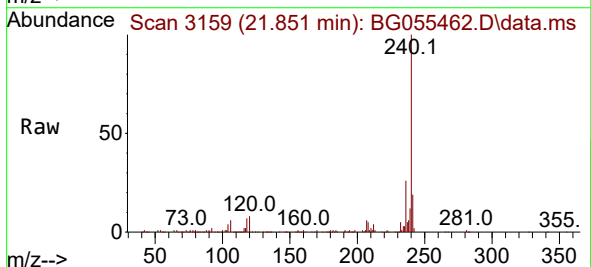
Instrument :
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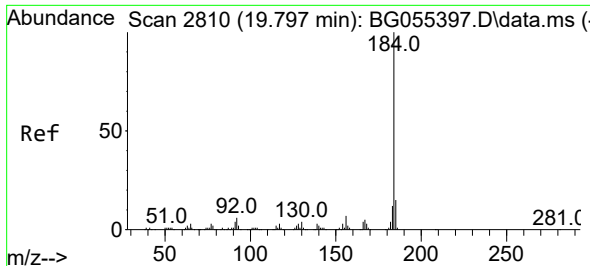
Tgt Ion:248 Resp: 9481
Ion Ratio Lower Upper
248 100
250 185.2 78.3 117.5#
141 441.8 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.851 min Scan# 3159
Delta R.T. -0.010 min
Lab File: BG055462.D
Acq: 4 Nov 2022 20:35

Tgt Ion:240 Resp: 200245
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 26.1 21.5 32.3

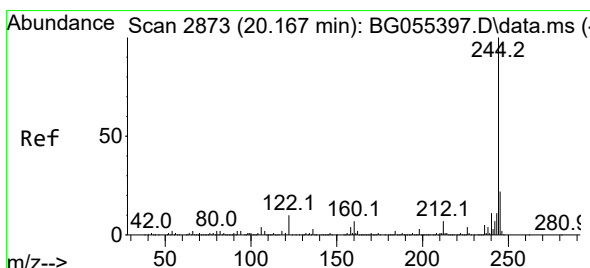
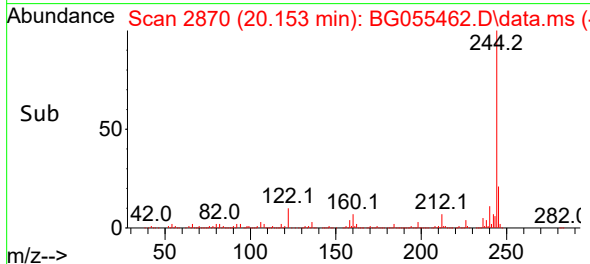
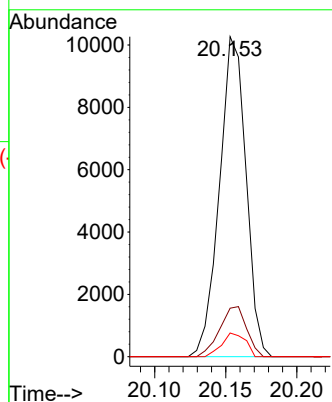
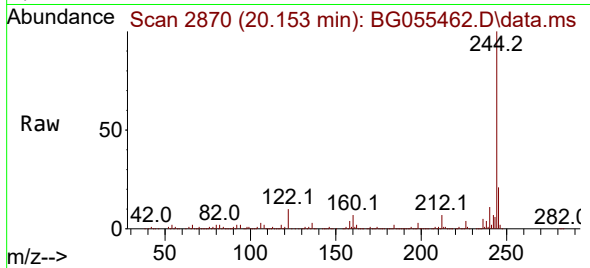




#77
Benzidine
Concen: 3.201 ng
RT: 20.153 min Scan# 2870
Delta R.T. 0.360 min
Lab File: BG055462.D
Acq: 4 Nov 2022 20:35

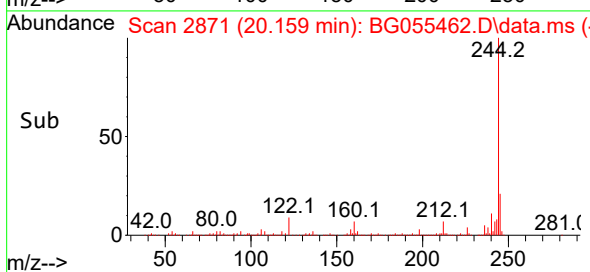
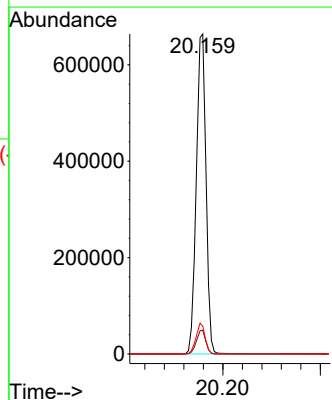
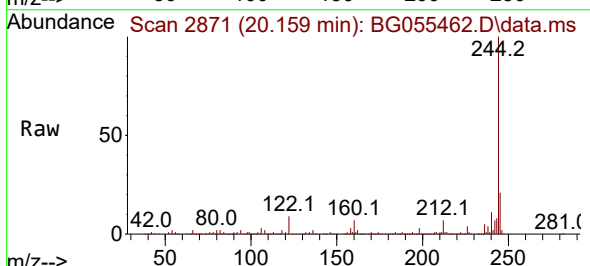
Instrument :
BNA_G
ClientSampleId :
PTS-TP-COMP-1103

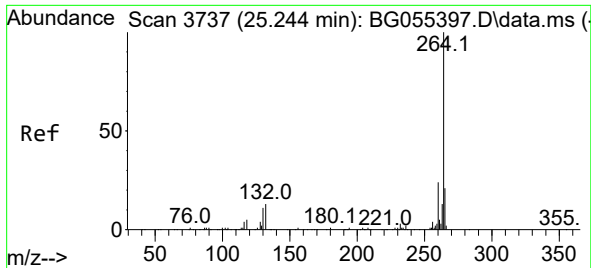
Tgt Ion:184 Resp: 13343
Ion Ratio Lower Upper
184 100
185 15.1 11.7 17.5
183 7.4 9.8 14.8#



#79
Terphenyl-d14
Concen: 89.786 ng
RT: 20.159 min Scan# 2871
Delta R.T. -0.004 min
Lab File: BG055462.D
Acq: 4 Nov 2022 20:35

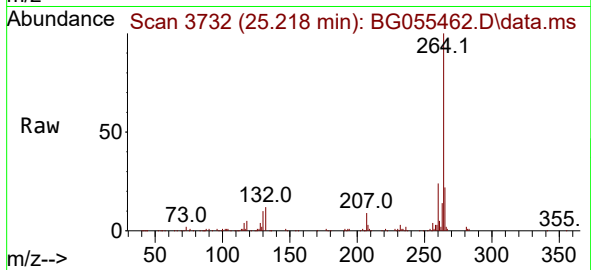
Tgt Ion:244 Resp: 924602
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 8.7 7.8 11.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.218 min Scan# 31
Delta R.T. -0.016 min
Lab File: BG055462.D
Acq: 4 Nov 2022 20:35

Instrument :
BNA_G
ClientSampleId :
PTS-TP-COMP-1103



Tgt Ion:264 Resp: 212033

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.9	28.3
265	21.9	17.1	25.7

