

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
 Data File : BG055469.D
 Acq On : 5 Nov 2022 13:57
 Operator : CG/JU
 Sample : N5310-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BIN 1-2-(2840)-COMP-1

Quant Time: Nov 07 00:53:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:51:08 2022
 Response via : Initial Calibration

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

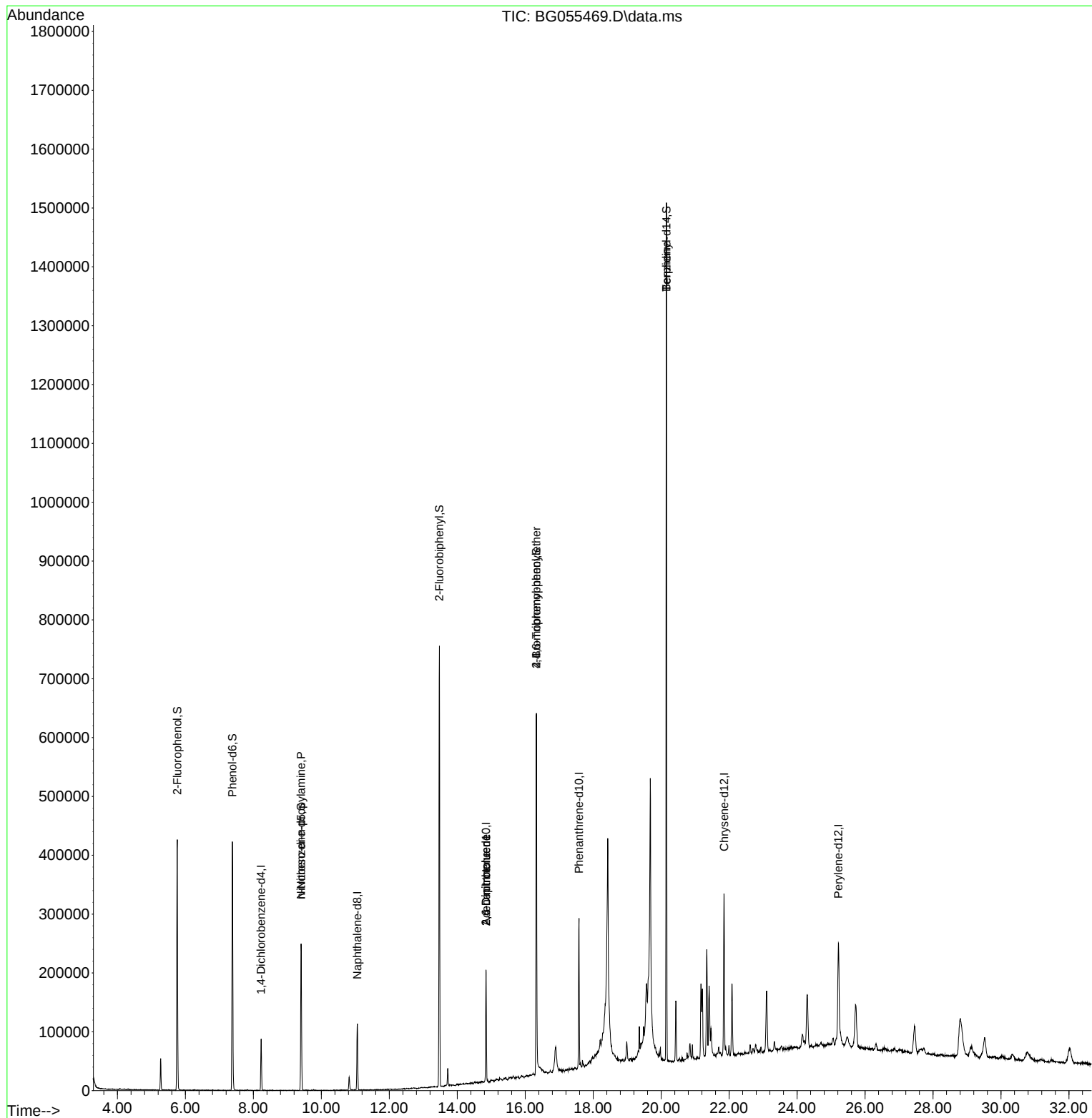
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	26539	20.000	ng	0.00
21) Naphthalene-d8	11.061	136	102616	20.000	ng	0.00
39) Acenaphthene-d10	14.844	164	69206	20.000	ng	0.00
64) Phenanthrene-d10	17.582	188	162390	20.000	ng	0.00
76) Chrysene-d12	21.854	240	181775	20.000	ng	0.00
86) Perylene-d12	25.215	264	196128	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	204469	138.361	ng	0.01
7) Phenol-d6	7.383	99	259989	126.865	ng	0.00
23) Nitrobenzene-d5	9.404	82	155046	80.525	ng	0.00
42) 2,4,6-Tribromophenol	16.331	330	147115	155.844	ng	0.00
45) 2-Fluorobiphenyl	13.475	172	391946	83.970	ng	0.00
79) Terphenyl-d14	20.156	244	743541	79.540	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.404	70	20491	12.796	ng	# 84
51) 2,6-Dinitrotoluene	14.844	165	9249	7.648	ng	# 27
57) 2,4-Dinitrotoluene	14.844	165	9249	5.349	ng	# 25
67) 4-Bromophenyl-phenylether	16.331	248	9167	4.775	ng	# 1
77) Benzidine	20.156	184	10279	2.716	ng	# 82

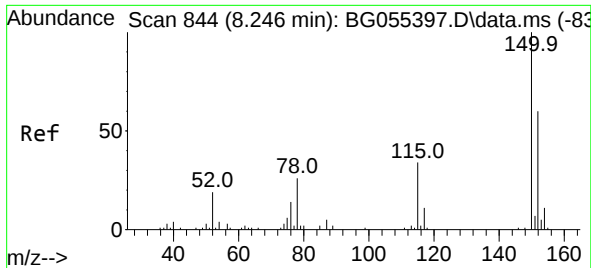
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
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Misc :
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BNA_G
ClientSampleId :
BIN 1-2-(2840)-COMP-1

Quant Time: Nov 07 00:53:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 00:51:08 2022
Response via : Initial Calibration

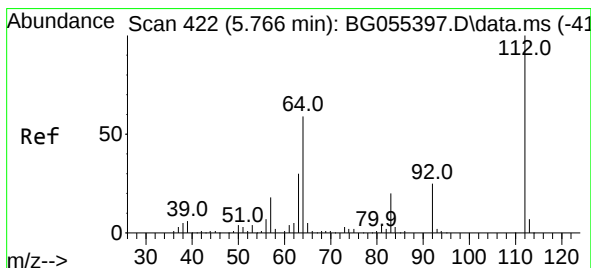
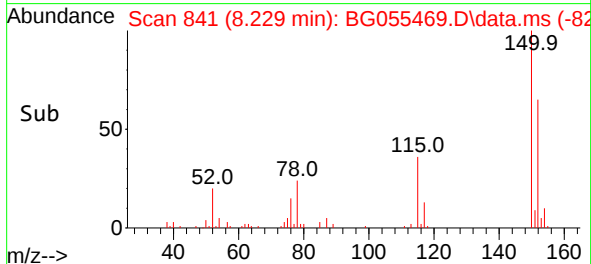
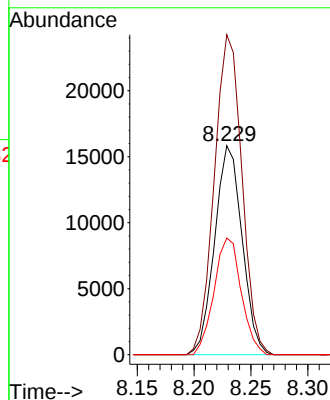
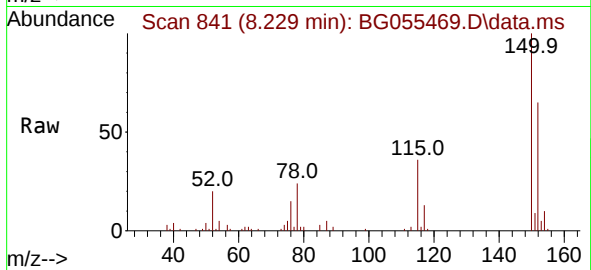




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.229 min Scan# 844
Delta R.T. -0.001 min
Lab File: BG055469.D
Acq: 5 Nov 2022 13:57

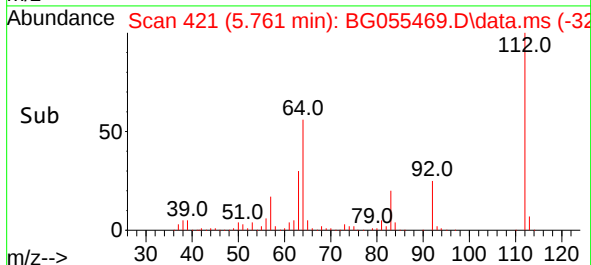
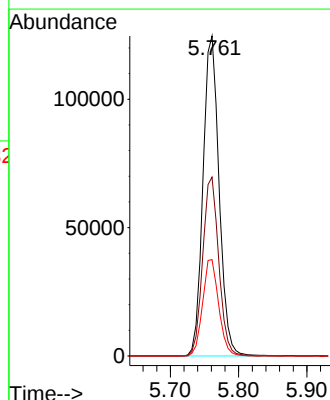
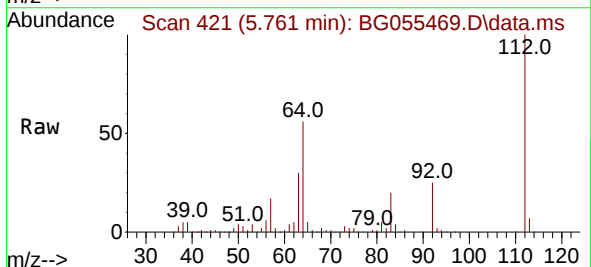
Instrument :
BNA_G
ClientSampleId :
BIN 1-2-(2840)-COMP-1

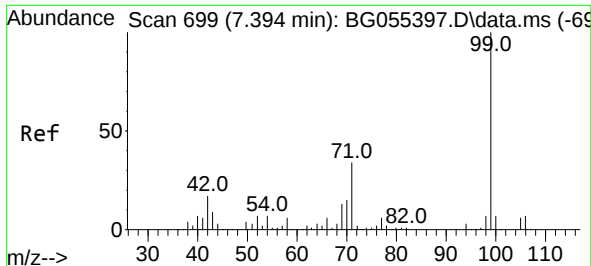
Tgt Ion:152 Resp: 26539
Ion Ratio Lower Upper
152 100
150 153.2 132.8 199.2
115 55.8 45.1 67.7



#5
2-Fluorophenol
Concen: 138.361 ng
RT: 5.761 min Scan# 421
Delta R.T. 0.011 min
Lab File: BG055469.D
Acq: 5 Nov 2022 13:57

Tgt Ion:112 Resp: 204469
Ion Ratio Lower Upper
112 100
64 55.9 47.2 70.8
63 30.1 24.3 36.5

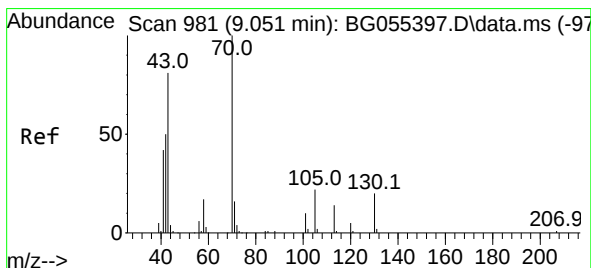
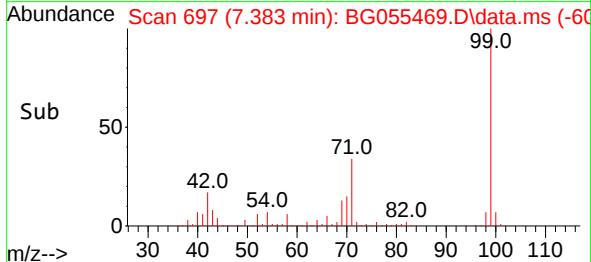
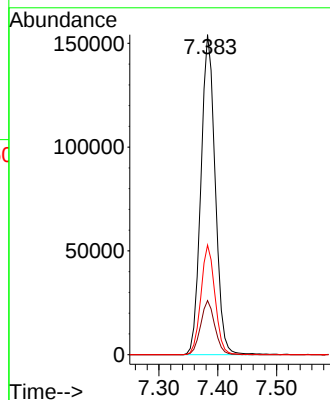
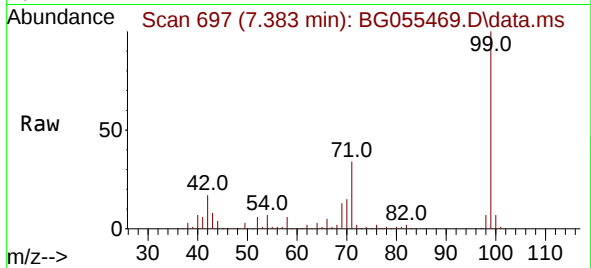




#7
Phenol-d6
Concen: 126.865 ng
RT: 7.383 min Scan# 699
Delta R.T. 0.005 min
Lab File: BG055469.D
Acq: 5 Nov 2022 13:57

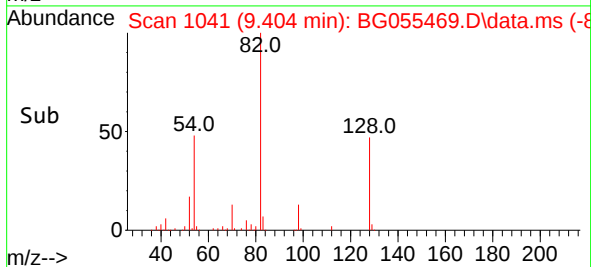
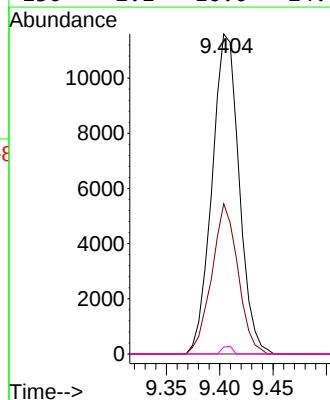
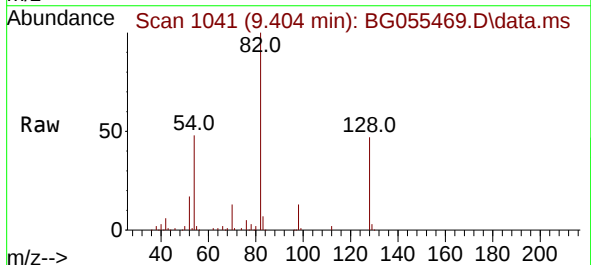
Instrument :
BNA_G
ClientSampleId :
BIN 1-2-(2840)-COMP-1

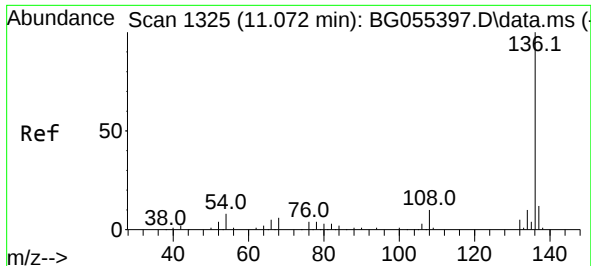
Tgt Ion: 99 Resp: 259989
Ion Ratio Lower Upper
99 100
42 16.9 13.5 20.3
71 34.3 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.796 ng
RT: 9.404 min Scan# 1041
Delta R.T. 0.369 min
Lab File: BG055469.D
Acq: 5 Nov 2022 13:57

Tgt Ion: 70 Resp: 20491
Ion Ratio Lower Upper
70 100
42 47.0 40.6 61.0
101 0.0 7.8 11.6#
130 2.1 16.0 24.0#

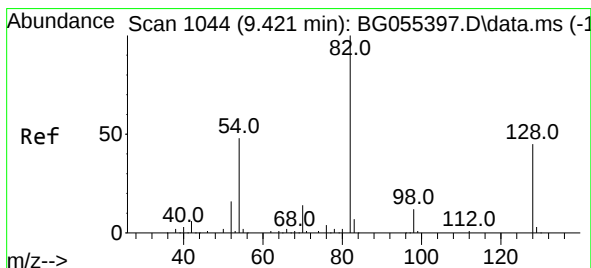
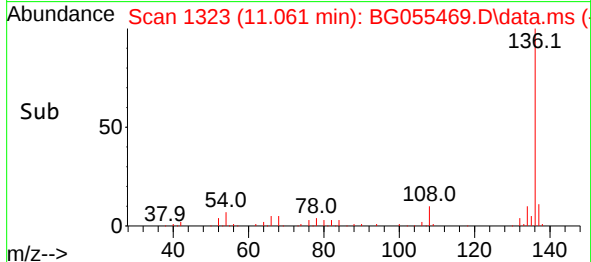
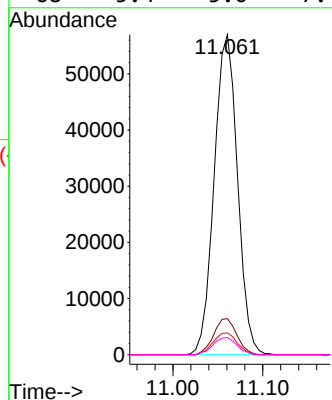
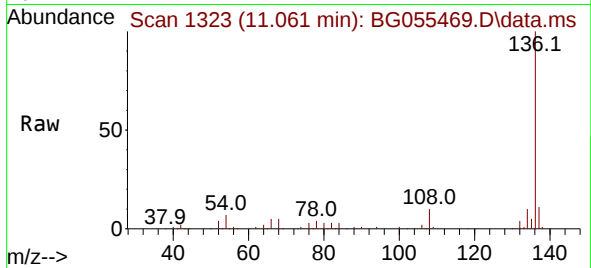




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.061 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG055469.D
Acq: 5 Nov 2022 13:57

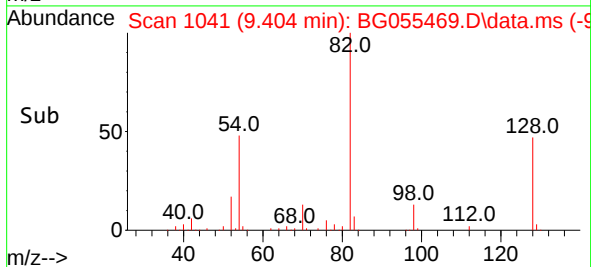
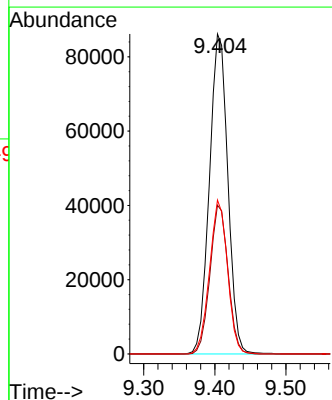
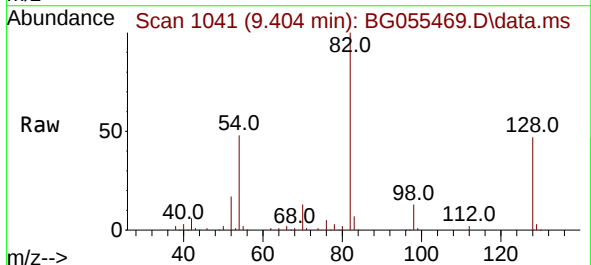
Instrument :
BNA_G
ClientSampleId :
BIN 1-2-(2840)-COMP-1

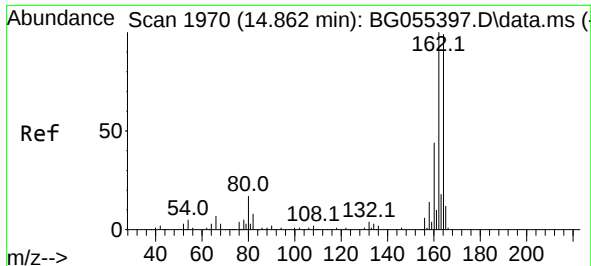
Tgt Ion:	136	Resp:	102616
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.4	14.2
54	6.8	6.1	9.1
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 80.525 ng
RT: 9.404 min Scan# 1041
Delta R.T. -0.001 min
Lab File: BG055469.D
Acq: 5 Nov 2022 13:57

Tgt Ion:	82	Resp:	155046
Ion Ratio	Lower	Upper	
82	100		
128	46.5	35.8	53.8
54	48.1	38.1	57.1

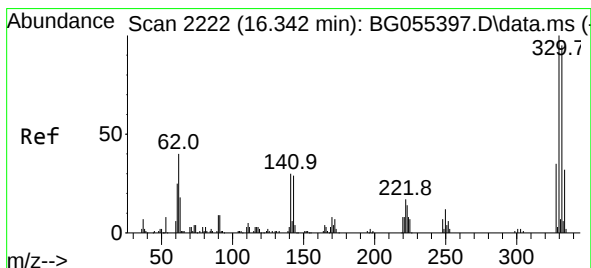
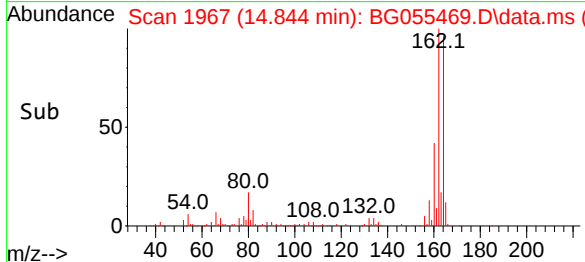
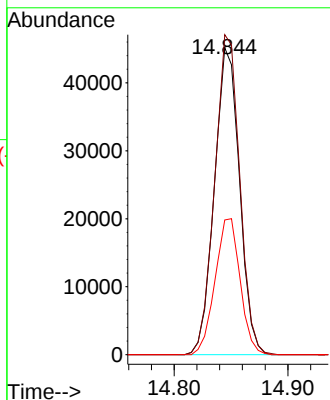
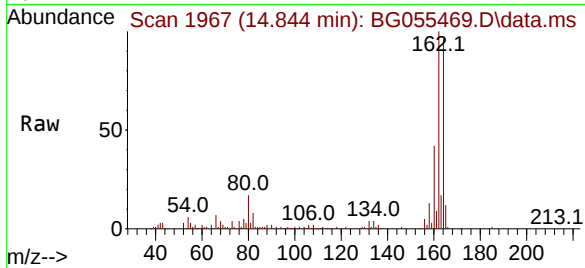




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.844 min Scan# 1970
Delta R.T. -0.001 min
Lab File: BG055469.D
Acq: 5 Nov 2022 13:57

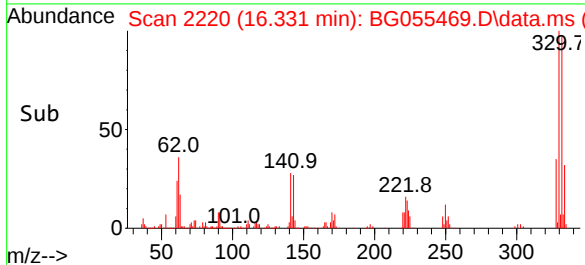
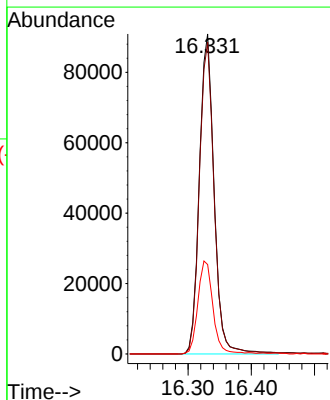
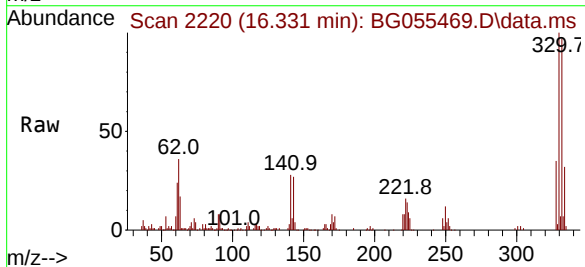
Instrument :
BNA_G
ClientSampleId :
BIN 1-2-(2840)-COMP-1

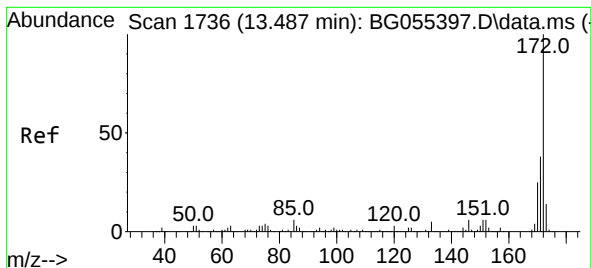
Tgt Ion:164 Resp: 69206
Ion Ratio Lower Upper
164 100
162 104.3 81.1 121.7
160 43.9 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 155.844 ng
RT: 16.331 min Scan# 2220
Delta R.T. -0.001 min
Lab File: BG055469.D
Acq: 5 Nov 2022 13:57

Tgt Ion:330 Resp: 147115
Ion Ratio Lower Upper
330 100
332 97.6 77.8 116.6
141 29.9 24.2 36.2

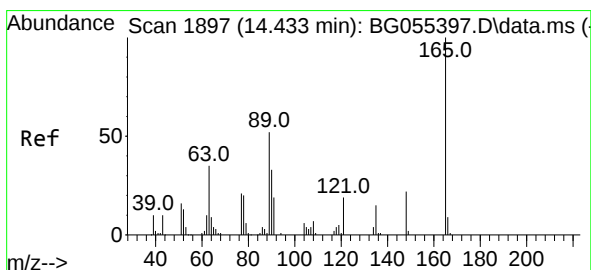
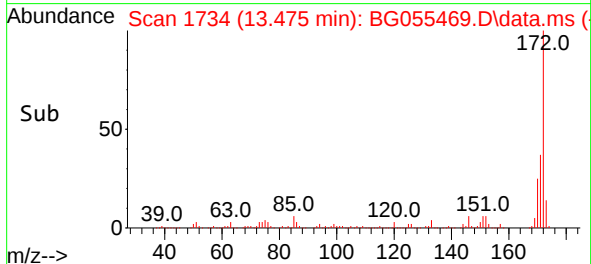
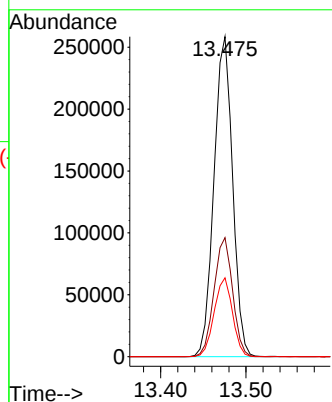
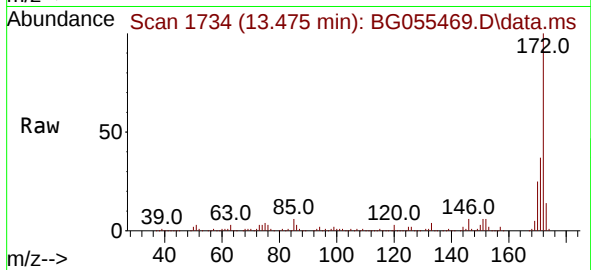




#45
2-Fluorobiphenyl
Concen: 83.970 ng
RT: 13.475 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG055469.D
Acq: 5 Nov 2022 13:57

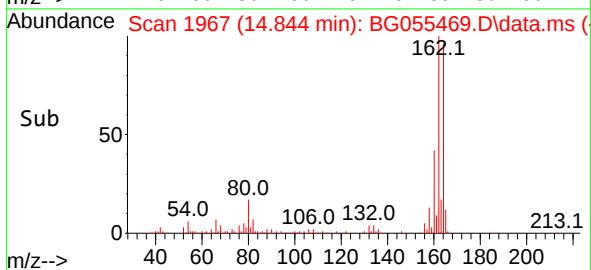
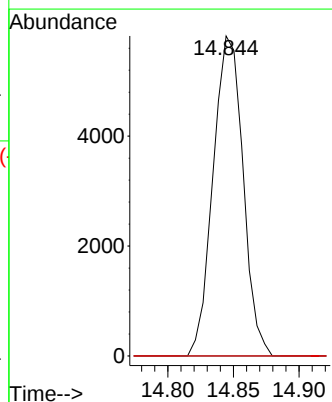
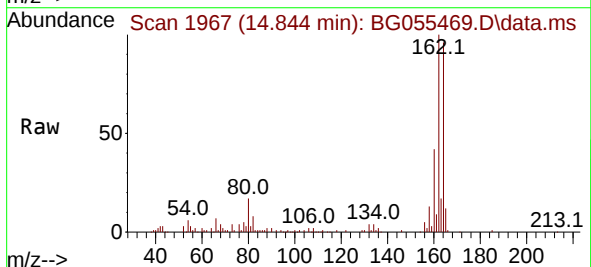
Instrument :
BNA_G
ClientSampleId :
BIN 1-2-(2840)-COMP-1

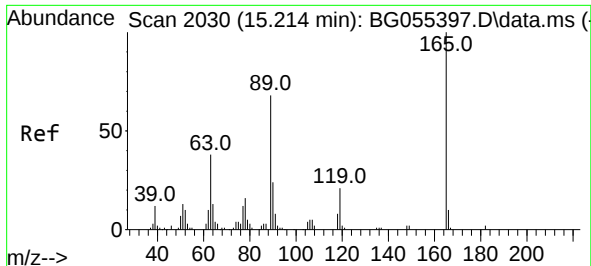
Tgt Ion:172 Resp: 391946
Ion Ratio Lower Upper
172 100
171 37.2 30.2 45.2
170 24.6 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.648 ng
RT: 14.844 min Scan# 1967
Delta R.T. 0.422 min
Lab File: BG055469.D
Acq: 5 Nov 2022 13:57

Tgt Ion:165 Resp: 9249
Ion Ratio Lower Upper
165 100
63 0.0 38.2 57.4#
89 0.0 41.8 62.6#

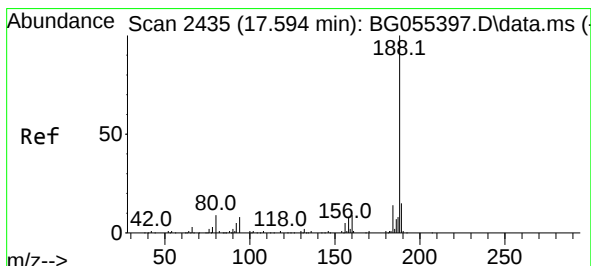
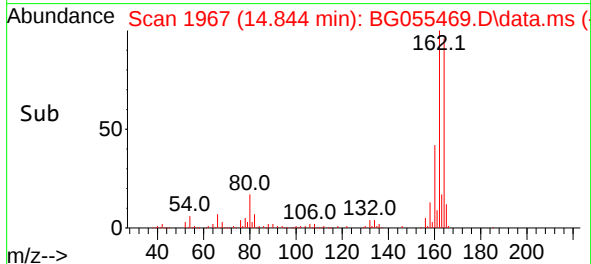
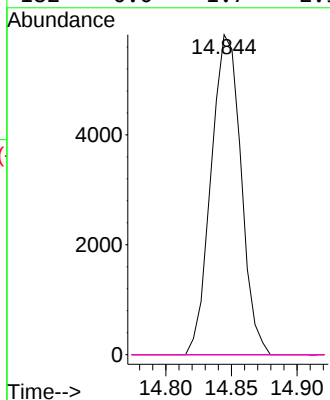
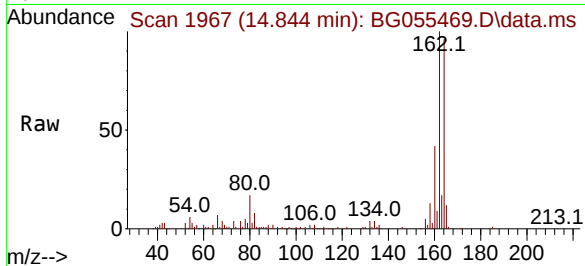




#57
2,4-Dinitrotoluene
Concen: 5.349 ng
RT: 14.844 min Scan# 1967
Delta R.T. -0.360 min
Lab File: BG055469.D
Acq: 5 Nov 2022 13:57

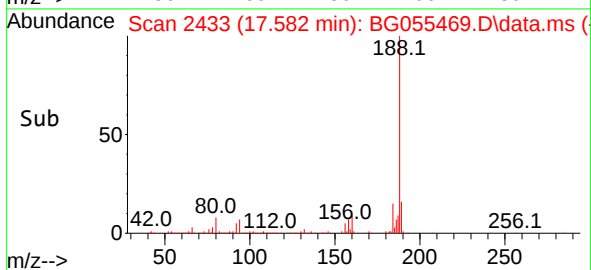
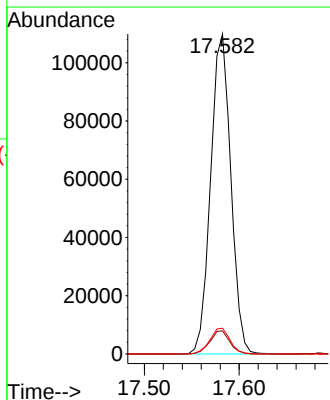
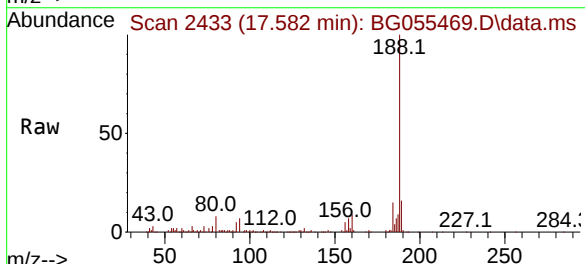
Instrument :
BNA_G
ClientSampleId :
BIN 1-2-(2840)-COMP-1

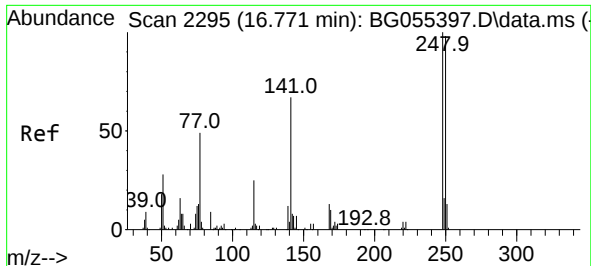
Tgt Ion:	165	Resp:	9249
Ion Ratio	Lower	Upper	
165	100		
63	0.0	30.8	46.2#
89	0.0	54.5	81.7#
182	0.0	1.7	2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.582 min Scan# 2433
Delta R.T. -0.001 min
Lab File: BG055469.D
Acq: 5 Nov 2022 13:57

Tgt Ion:	188	Resp:	162390
Ion Ratio	Lower	Upper	
188	100		
94	7.2	6.5	9.7
80	8.1	7.4	11.0

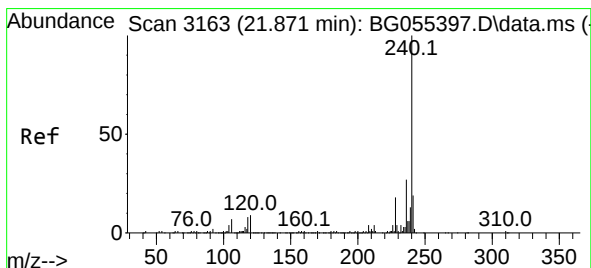
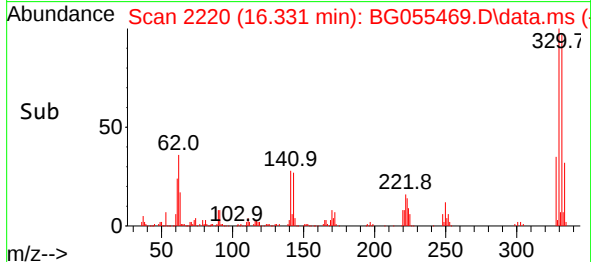
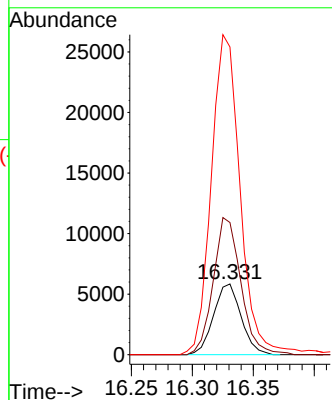
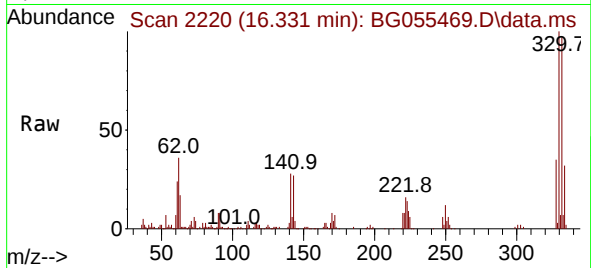




#67
4-Bromophenyl-phenylether
Concen: 4.775 ng
RT: 16.331 min Scan# 21
Delta R.T. -0.430 min
Lab File: BG055469.D
Acq: 5 Nov 2022 13:57

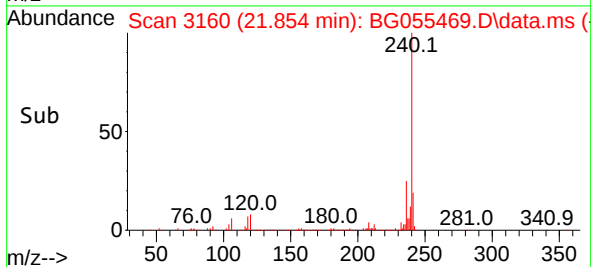
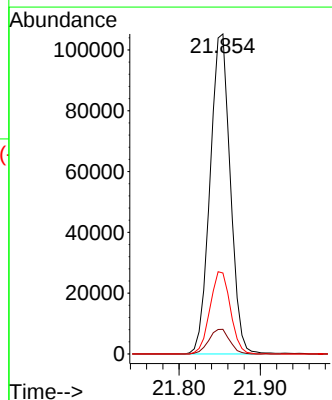
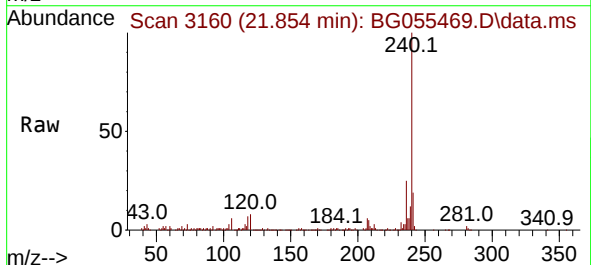
Instrument :
BNA_G
ClientSampleId :
BIN 1-2-(2840)-COMP-1

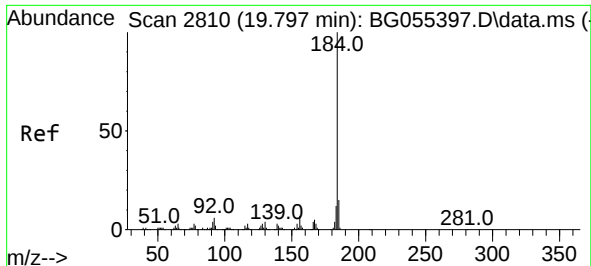
Tgt Ion:248 Resp: 9167
Ion Ratio Lower Upper
248 100
250 186.9 78.3 117.5#
141 435.4 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3160
Delta R.T. -0.001 min
Lab File: BG055469.D
Acq: 5 Nov 2022 13:57

Tgt Ion:240 Resp: 181775
Ion Ratio Lower Upper
240 100
120 7.7 6.9 10.3
236 25.3 21.5 32.3

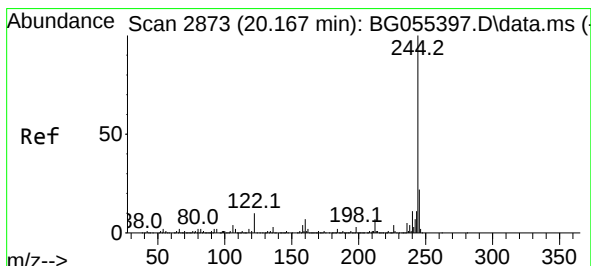
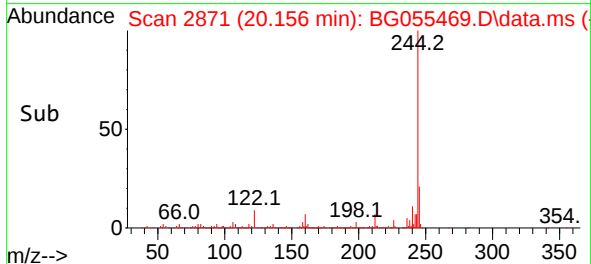
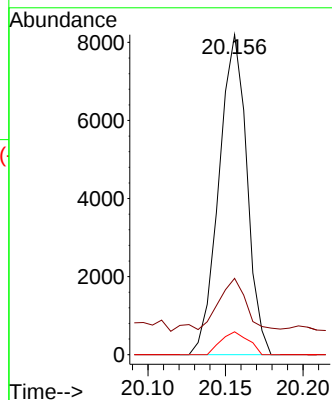
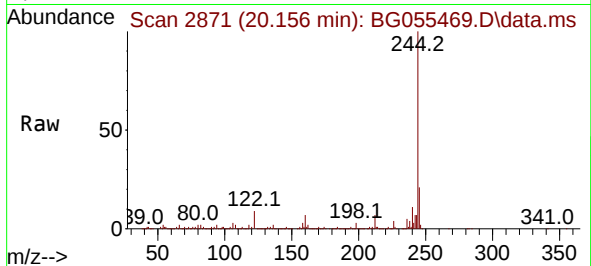




#77
Benzidine
Concen: 2.716 ng
RT: 20.156 min Scan# 2871
Delta R.T. 0.369 min
Lab File: BG055469.D
Acq: 5 Nov 2022 13:57

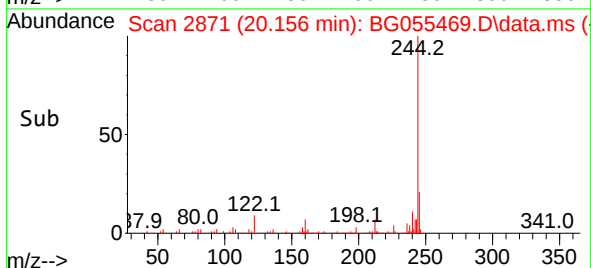
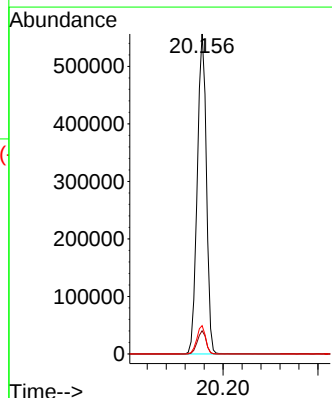
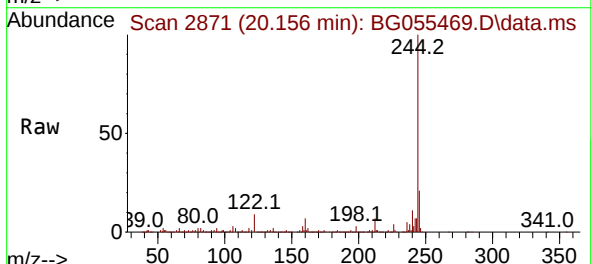
Instrument :
BNA_G
ClientSampleId :
BIN 1-2-(2840)-COMP-1

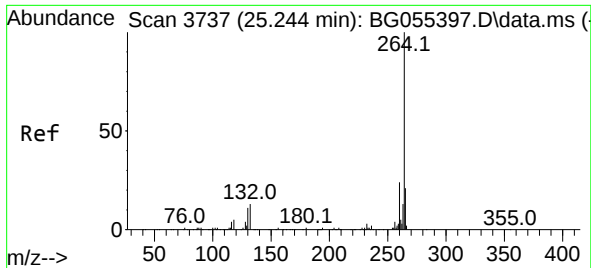
Tgt Ion:184 Resp: 10279
Ion Ratio Lower Upper
184 100
185 23.9 11.7 17.5#
183 7.1 9.8 14.8#



#79
Terphenyl-d14
Concen: 79.540 ng
RT: 20.156 min Scan# 2871
Delta R.T. -0.001 min
Lab File: BG055469.D
Acq: 5 Nov 2022 13:57

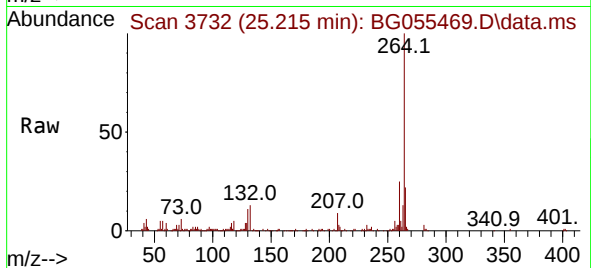
Tgt Ion:244 Resp: 743541
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 8.9 7.8 11.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.215 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG055469.D
Acq: 5 Nov 2022 13:57

Instrument :
BNA_G
ClientSampleId :
BIN 1-2-(2840)-COMP-1



Tgt Ion:264 Resp: 196128
Ion Ratio Lower Upper
264 100
260 24.7 18.9 28.3
265 22.4 17.1 25.7

