

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082922\
 Data File : BG054776.D
 Acq On : 29 Aug 2022 17:26
 Operator : CG/JU
 Sample : N4379-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-09-10-12

Quant Time: Aug 30 02:49:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

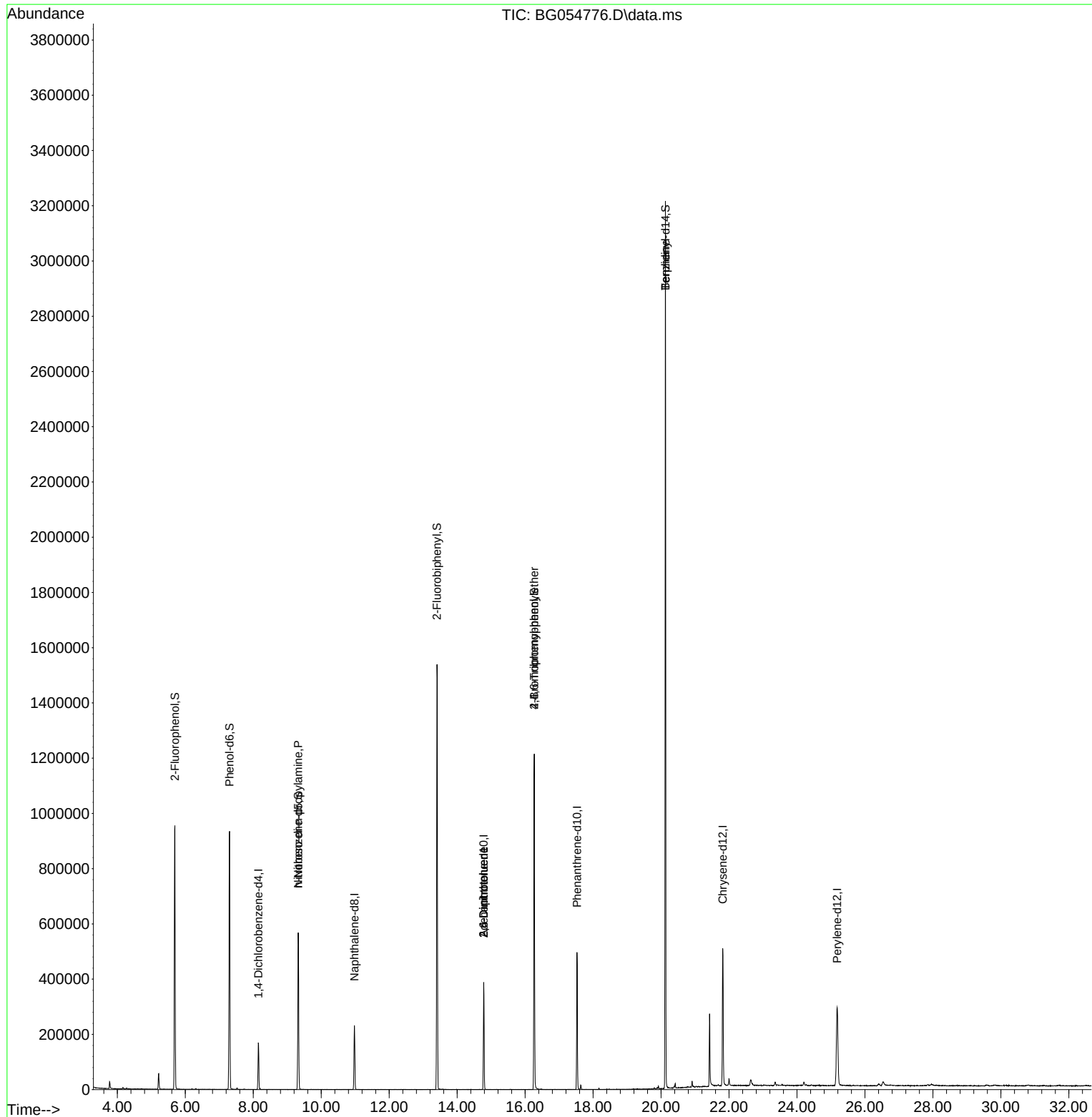
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.147	152	51627	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	209470	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	139033	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	325732	20.000	ng	0.00
76) Chrysene-d12	21.813	240	320720	20.000	ng	-0.01
86) Perylene-d12	25.180	264	333747	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	444684	149.990	ng	0.00
7) Phenol-d6	7.301	99	591916	145.988	ng	0.00
23) Nitrobenzene-d5	9.322	82	359557	90.111	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	247533	142.481	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	847342	91.602	ng	0.00
79) Terphenyl-d14	20.127	244	1519884	93.898	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.322	70	45704	16.392	ng	# 79
51) 2,6-Dinitrotoluene	14.781	165	18266	8.337	ng	# 23
57) 2,4-Dinitrotoluene	14.781	165	18266	6.028	ng	# 20
67) 4-Bromophenyl-phenylether	16.267	248	16618	4.647	ng	# 1
77) Benzidine	20.127	184	23221	2.923	ng	# 92

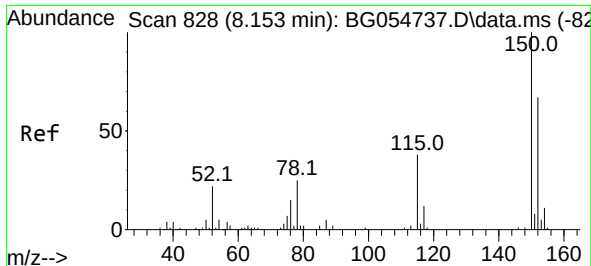
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Response via : Initial Calibration

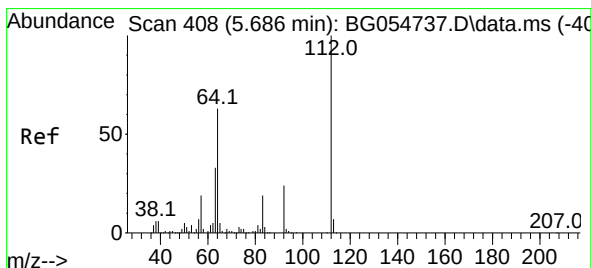
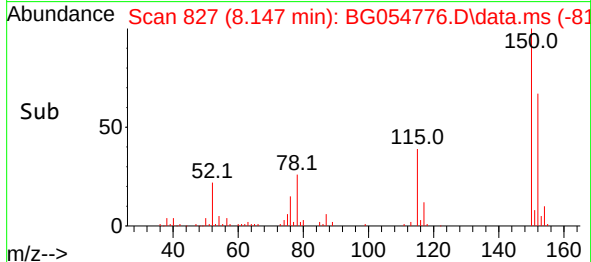
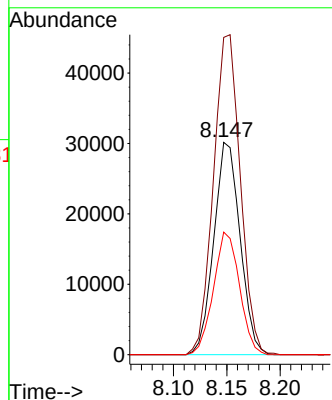
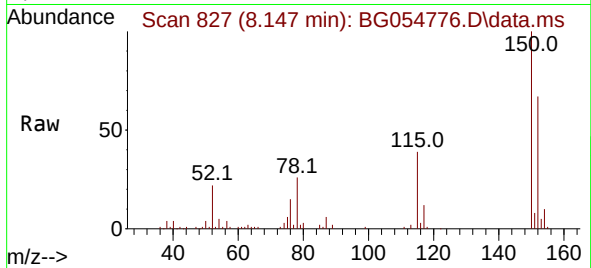




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.147 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054776.D
Acq: 29 Aug 2022 17:26

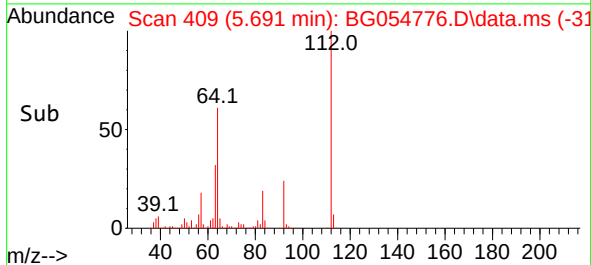
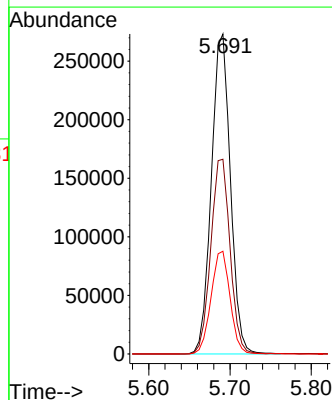
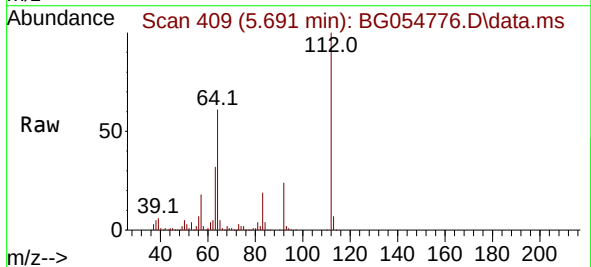
Instrument :
BNA_G
ClientSampleId :
SB-09-10-12

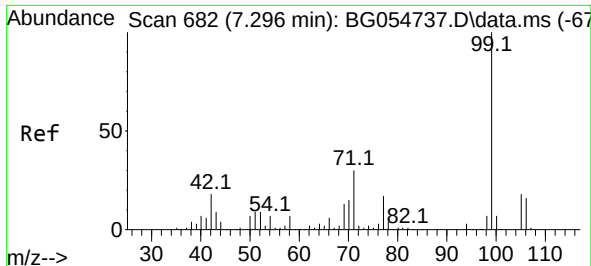
Tgt Ion:152 Resp: 51627
Ion Ratio Lower Upper
152 100
150 149.4 125.2 187.8
115 57.8 47.9 71.9



#5
2-Fluorophenol
Concen: 149.990 ng
RT: 5.691 min Scan# 409
Delta R.T. 0.005 min
Lab File: BG054776.D
Acq: 29 Aug 2022 17:26

Tgt Ion:112 Resp: 444684
Ion Ratio Lower Upper
112 100
64 60.8 49.3 73.9
63 32.1 26.3 39.5

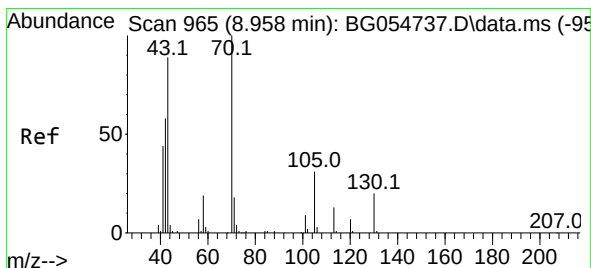
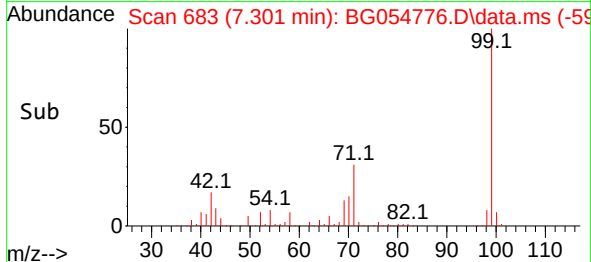
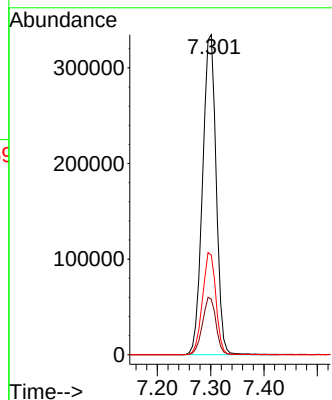
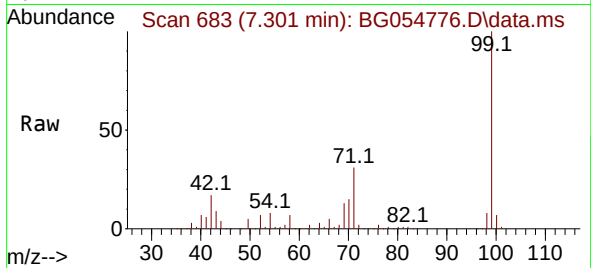




#7
Phenol-d6
Concen: 145.988 ng
RT: 7.301 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG054776.D
Acq: 29 Aug 2022 17:26

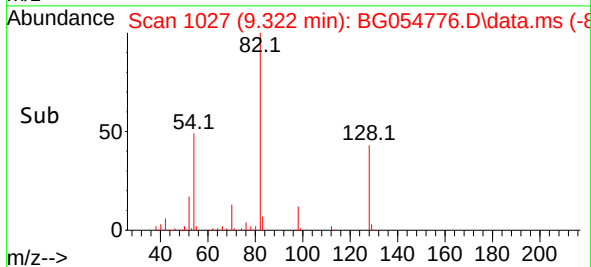
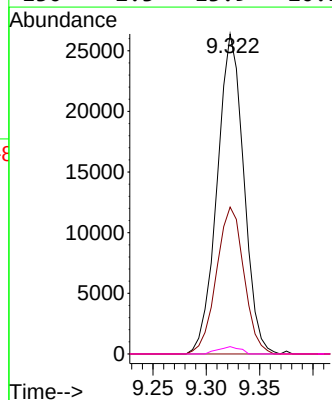
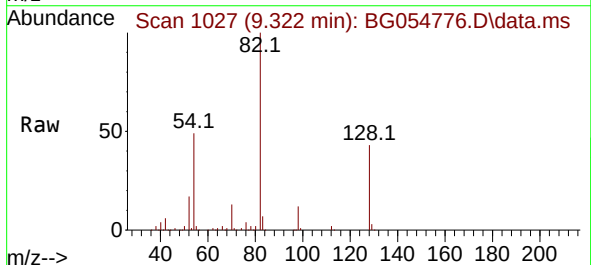
Instrument :
BNA_G
ClientSampleId :
SB-09-10-12

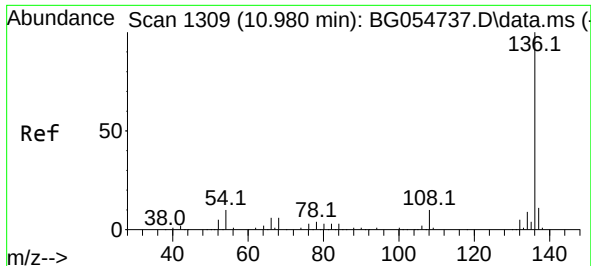
Tgt Ion: 99 Resp: 591916
Ion Ratio Lower Upper
99 100
42 17.4 14.6 22.0
71 31.2 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.392 ng
RT: 9.322 min Scan# 1027
Delta R.T. 0.364 min
Lab File: BG054776.D
Acq: 29 Aug 2022 17:26

Tgt Ion: 70 Resp: 45704
Ion Ratio Lower Upper
70 100
42 45.9 46.6 69.8#
101 0.0 7.7 11.5#
130 2.3 13.9 20.9#

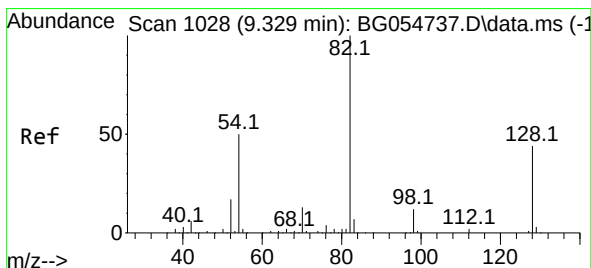
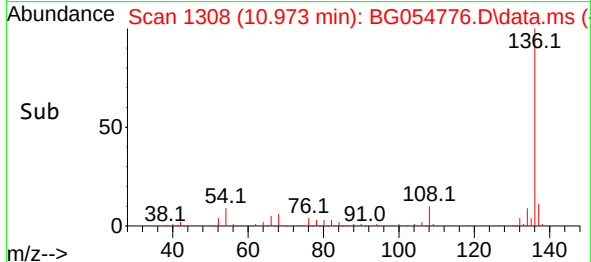
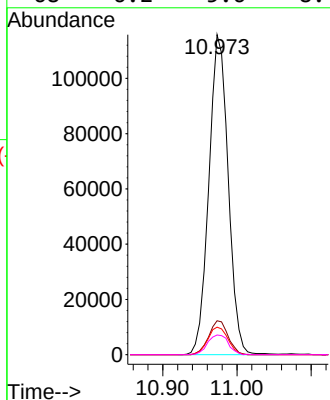
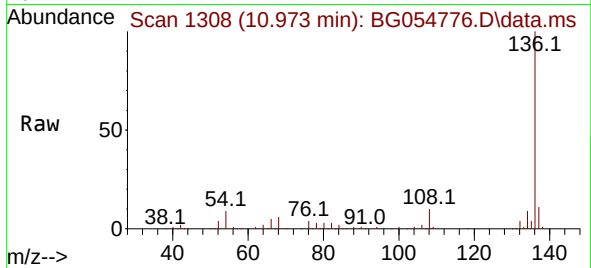




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG054776.D
Acq: 29 Aug 2022 17:26

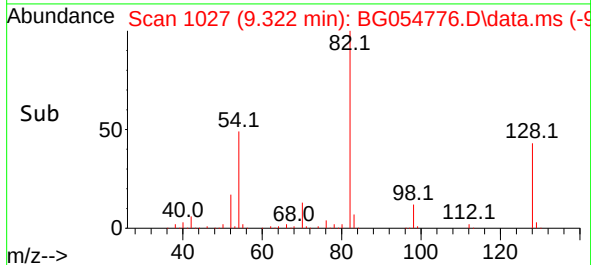
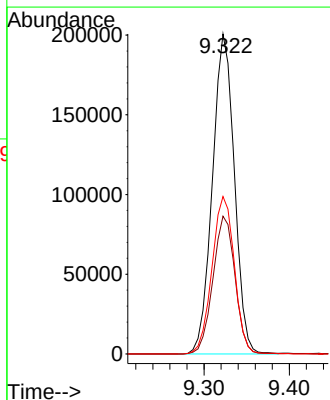
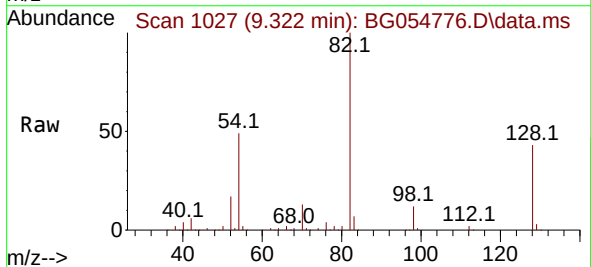
Instrument :
BNA_G
ClientSampleId :
SB-09-10-12

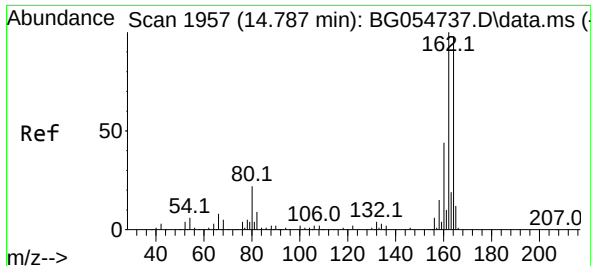
Tgt Ion:	136	Resp:	209470
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	8.6	7.7	11.5
68	6.2	5.6	8.4



#23
Nitrobenzene-d5
Concen: 90.111 ng
RT: 9.322 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BG054776.D
Acq: 29 Aug 2022 17:26

Tgt Ion:	82	Resp:	359557
Ion	Ratio	Lower	Upper
82	100		
128	43.1	32.2	48.2
54	49.2	41.4	62.0

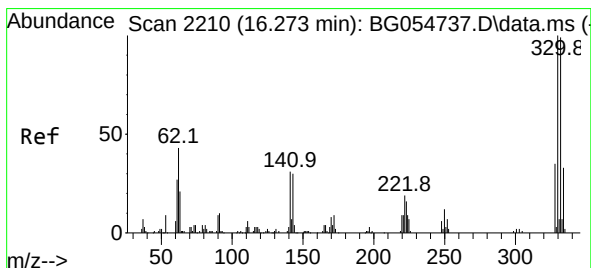
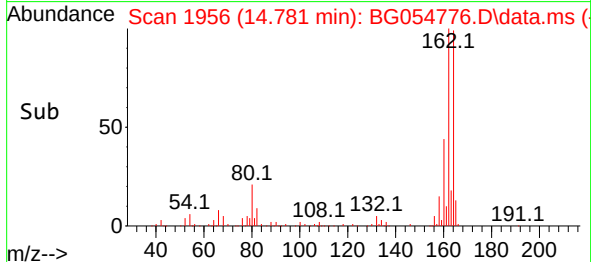
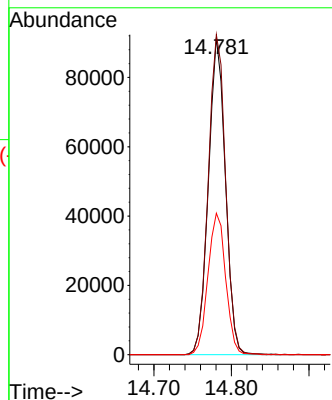
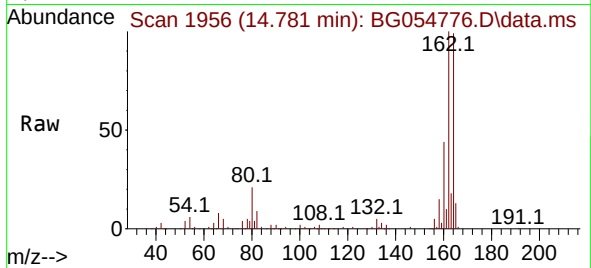




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BG054776.D
Acq: 29 Aug 2022 17:26

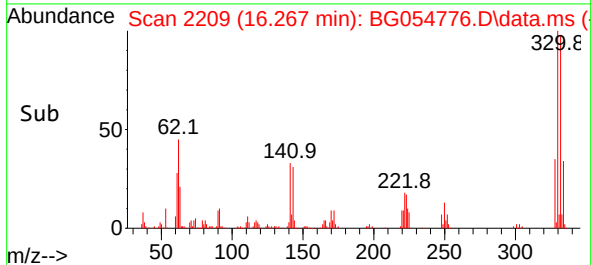
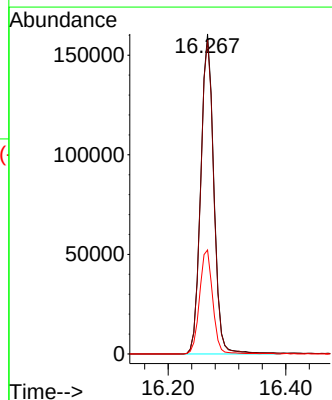
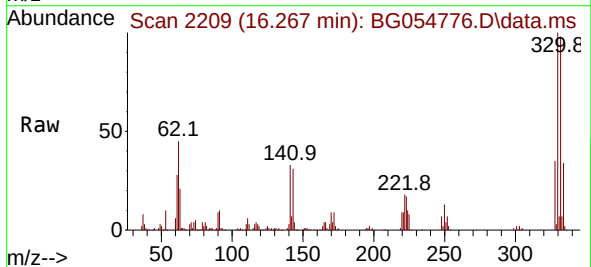
Instrument :
BNA_G
ClientSampleId :
SB-09-10-12

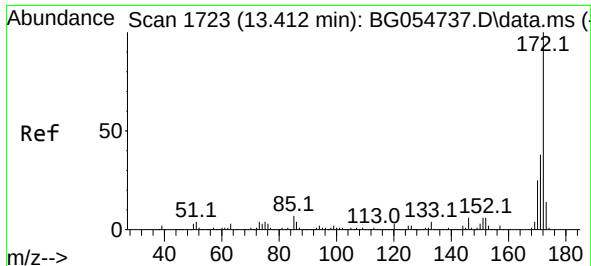
Tgt Ion:164 Resp: 139033
Ion Ratio Lower Upper
164 100
162 101.0 83.0 124.4
160 44.6 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 142.481 ng
RT: 16.267 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BG054776.D
Acq: 29 Aug 2022 17:26

Tgt Ion:330 Resp: 247533
Ion Ratio Lower Upper
330 100
332 98.5 79.8 119.6
141 32.7 26.8 40.2

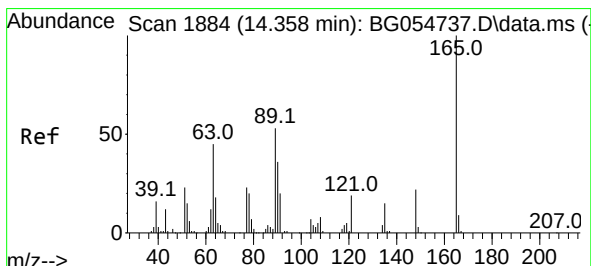
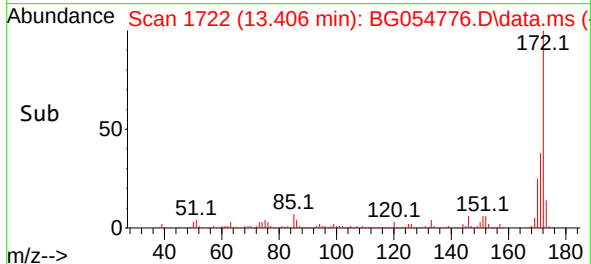
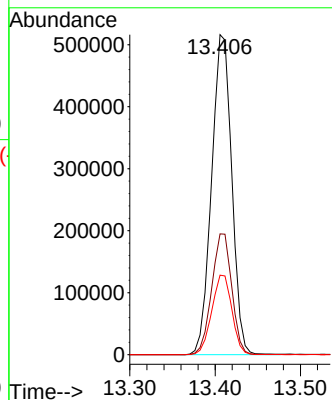
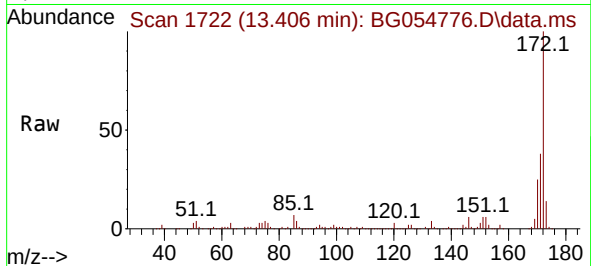




#45
2-Fluorobiphenyl
Concen: 91.602 ng
RT: 13.406 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054776.D
Acq: 29 Aug 2022 17:26

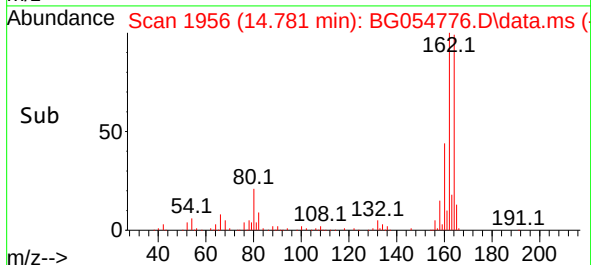
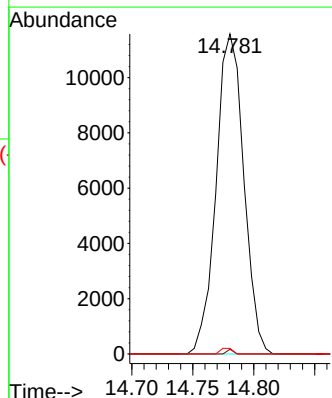
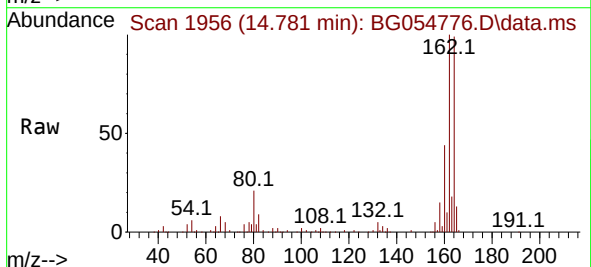
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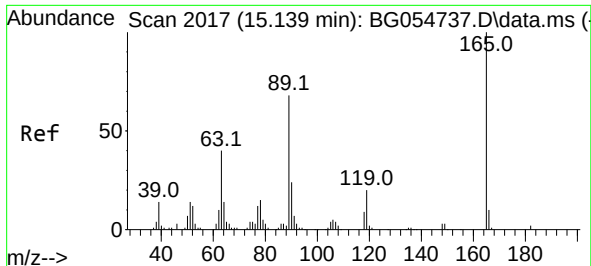
Tgt Ion:172 Resp: 847342
Ion Ratio Lower Upper
172 100
171 37.7 31.2 46.8
170 24.8 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.337 ng
RT: 14.781 min Scan# 1956
Delta R.T. 0.423 min
Lab File: BG054776.D
Acq: 29 Aug 2022 17:26

Tgt Ion:165 Resp: 18266
Ion Ratio Lower Upper
165 100
63 1.5 46.0 69.0#
89 1.7 50.3 75.5#

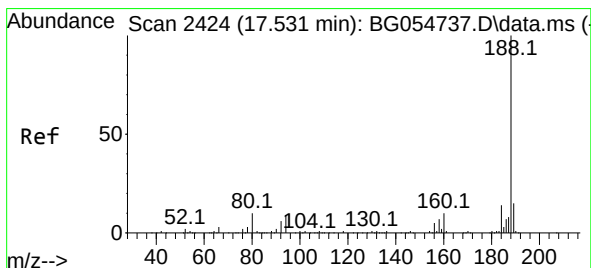
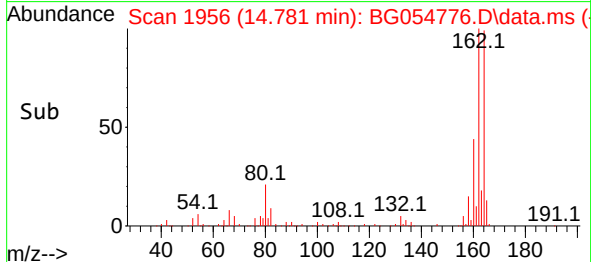
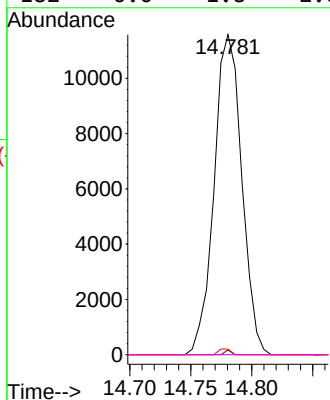
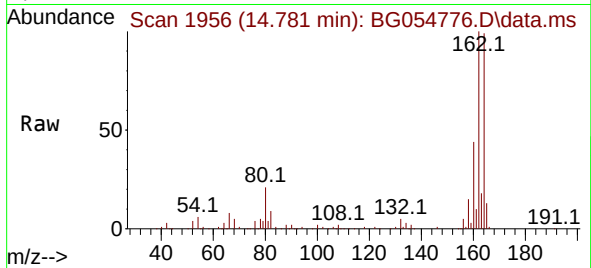




#57
2,4-Dinitrotoluene
Concen: 6.028 ng
RT: 14.781 min Scan# 1956
Delta R.T. -0.359 min
Lab File: BG054776.D
Acq: 29 Aug 2022 17:26

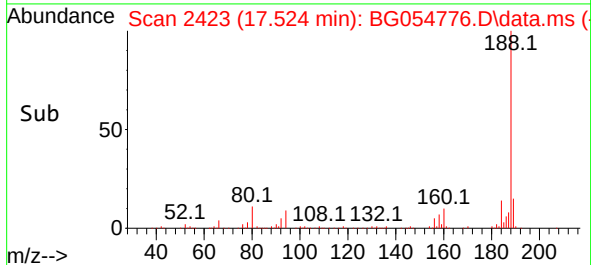
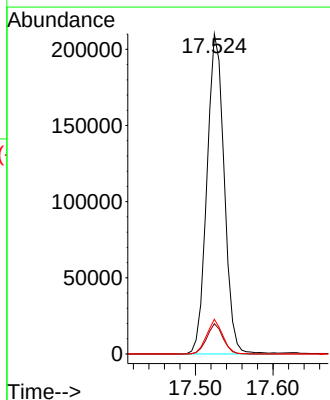
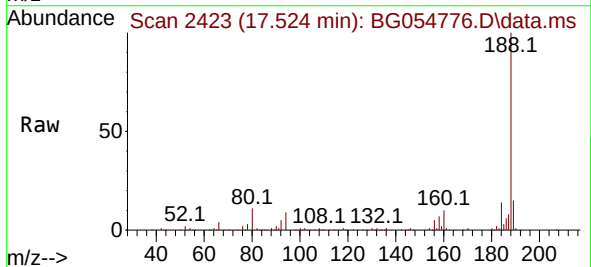
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BNA_G
ClientSampleId :
SB-09-10-12

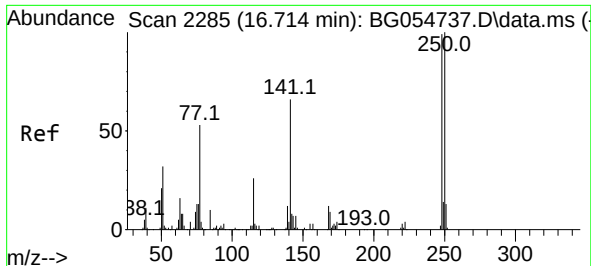
Tgt Ion:165 Resp: 18266
Ion Ratio Lower Upper
165 100
63 1.5 36.8 55.2#
89 1.7 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.524 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BG054776.D
Acq: 29 Aug 2022 17:26

Tgt Ion:188 Resp: 325732
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.4
80 10.9 7.9 11.9

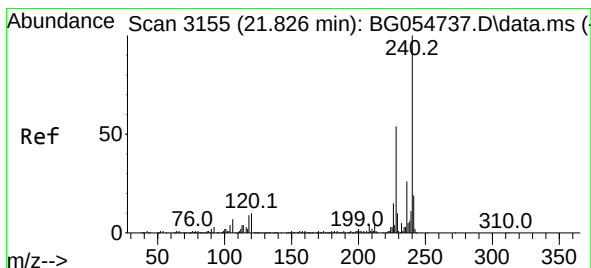
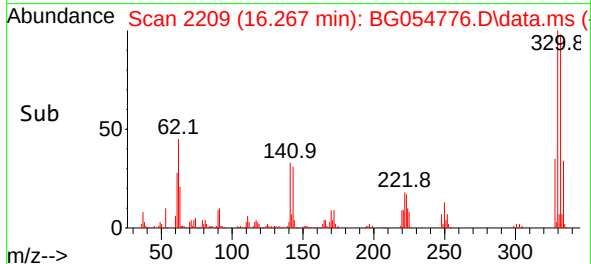
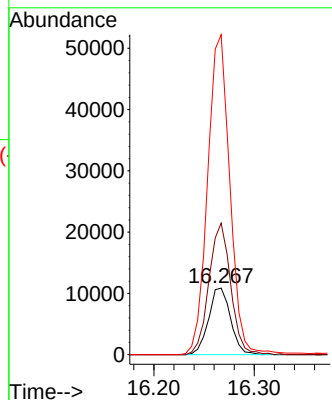
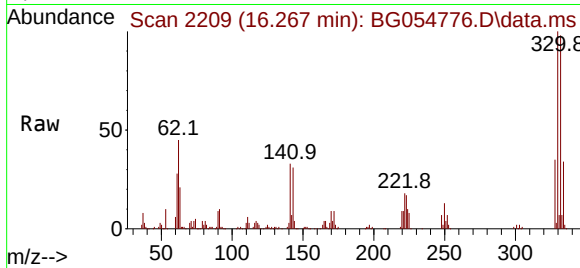




#67
4-Bromophenyl-phenylether
Concen: 4.647 ng
RT: 16.267 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG054776.D
Acq: 29 Aug 2022 17:26

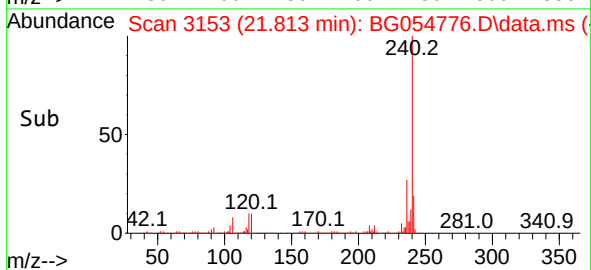
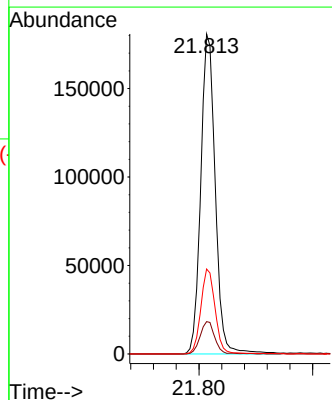
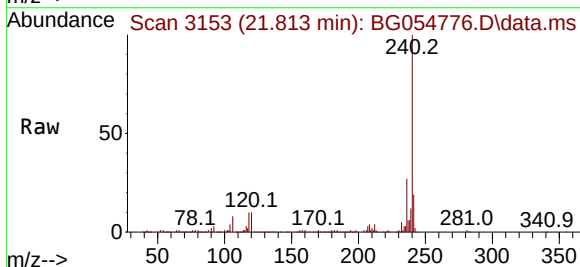
Instrument :
BNA_G
ClientSampleId :
SB-09-10-12

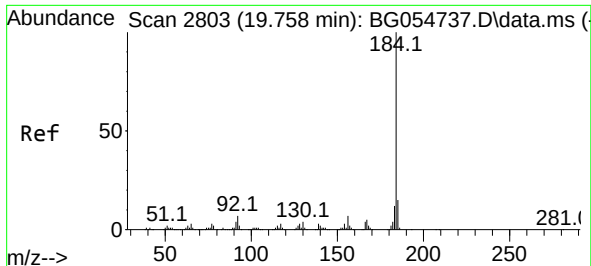
Tgt Ion:248 Resp: 16618
Ion Ratio Lower Upper
248 100
250 197.5 78.8 118.2#
141 480.3 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.813 min Scan# 3153
Delta R.T. -0.012 min
Lab File: BG054776.D
Acq: 29 Aug 2022 17:26

Tgt Ion:240 Resp: 320720
Ion Ratio Lower Upper
240 100
120 10.1 8.2 12.4
236 26.6 21.2 31.8

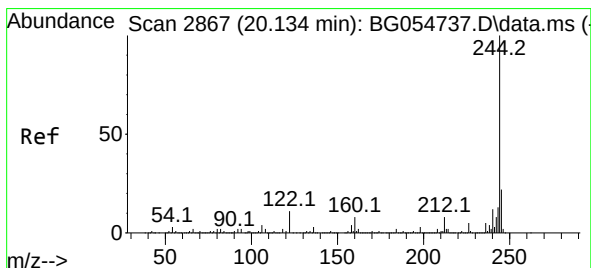
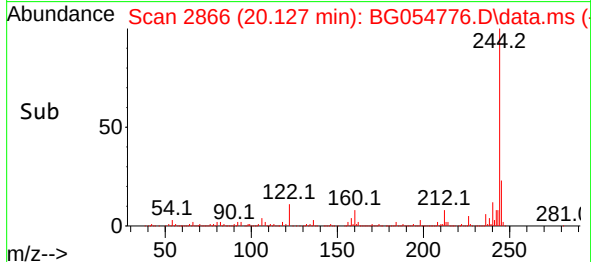
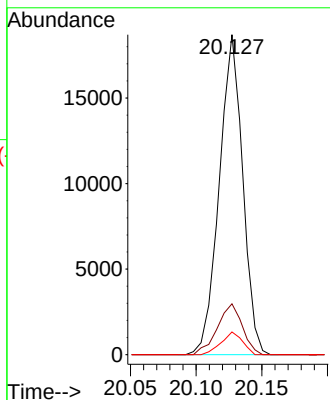
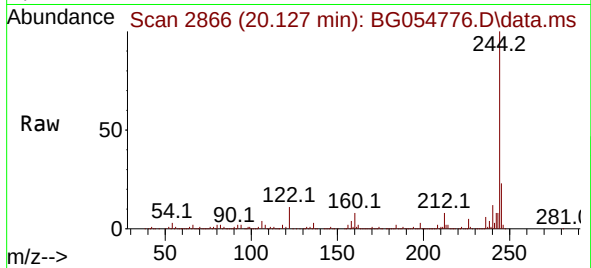




#77
Benzidine
Concen: 2.923 ng
RT: 20.127 min Scan# 2866
Delta R.T. 0.370 min
Lab File: BG054776.D
Acq: 29 Aug 2022 17:26

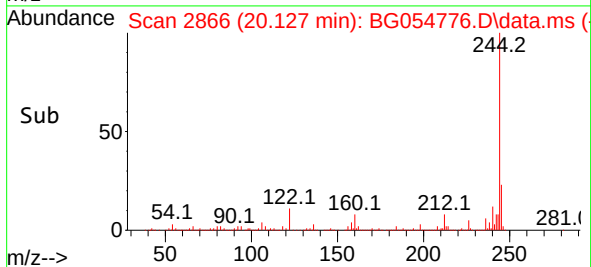
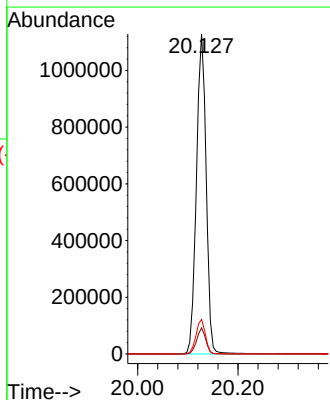
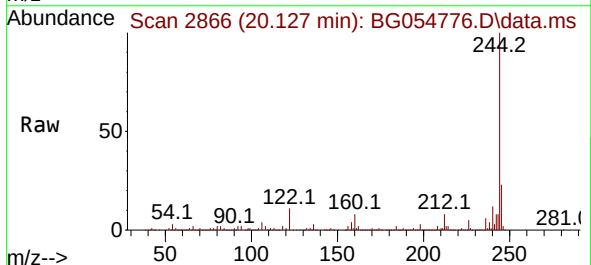
Instrument :
BNA_G
ClientSampleId :
SB-09-10-12

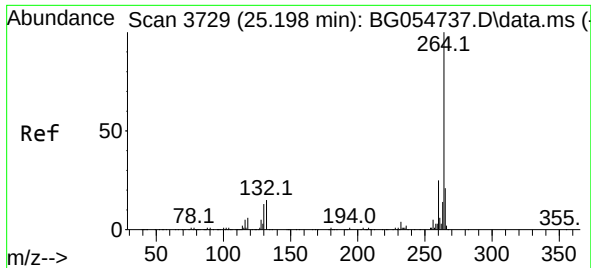
Tgt Ion:184 Resp: 23221
Ion Ratio Lower Upper
184 100
185 15.9 11.4 17.0
183 7.1 9.8 14.8#



#79
Terphenyl-d14
Concen: 93.898 ng
RT: 20.127 min Scan# 2866
Delta R.T. -0.006 min
Lab File: BG054776.D
Acq: 29 Aug 2022 17:26

Tgt Ion:244 Resp: 1519884
Ion Ratio Lower Upper
244 100
212 8.1 6.2 9.2
122 10.8 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.180 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BG054776.D
 Acq: 29 Aug 2022 17:26

Instrument :
 BNA_G
 ClientSampleId :
 SB-09-10-12

Tgt Ion:264 Resp: 333747
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.9 29.9
 265 21.7 16.9 25.3

