

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110322\
 Data File : BG055445.D
 Acq On : 3 Nov 2022 20:08
 Operator : CG/JU
 Sample : N5306-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221173-COMP-08-MODIFIED-ELUTRIATE

Quant Time: Nov 04 05:31:05 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)

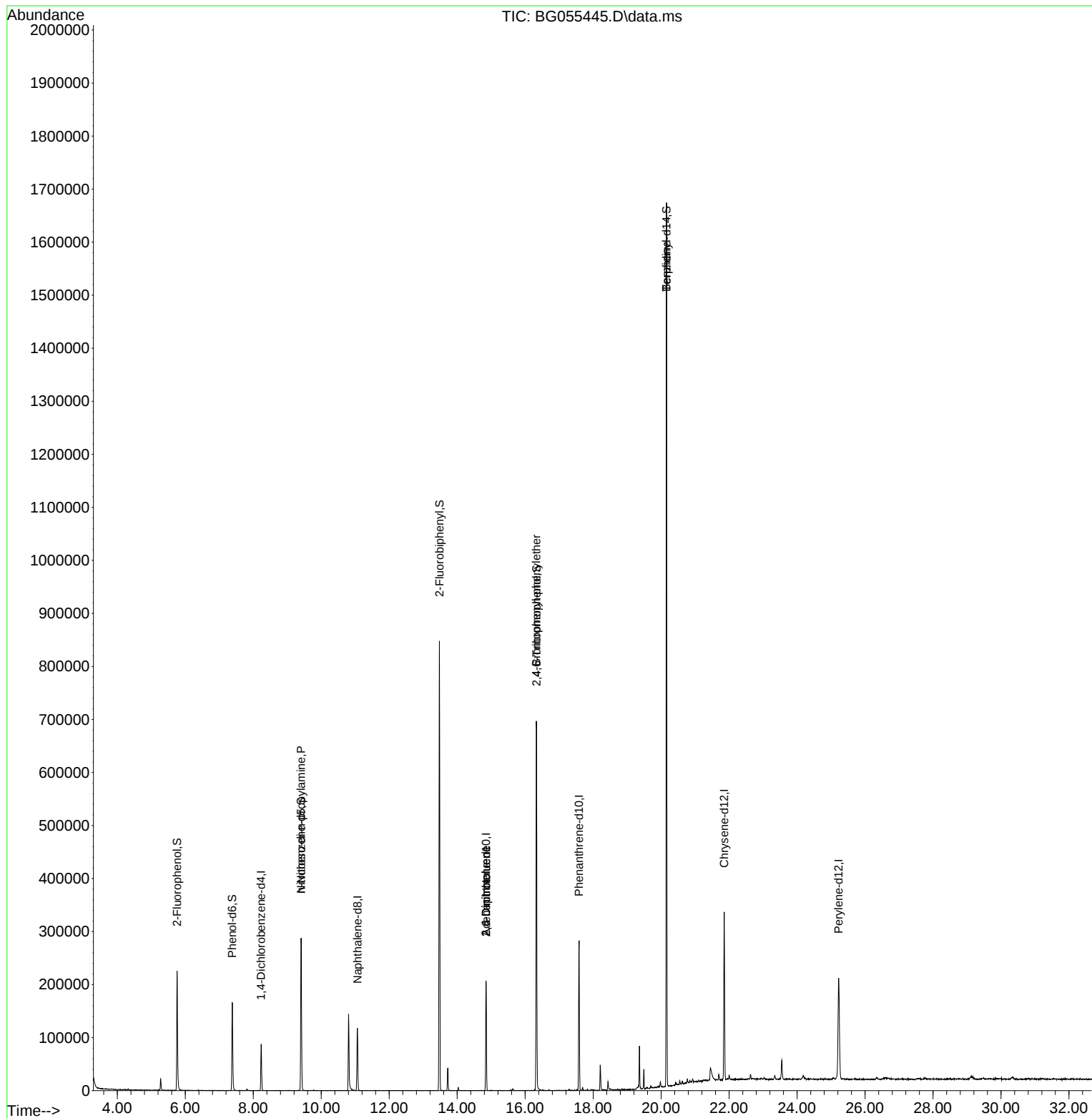
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.232	152	27147	20.000	ng	0.00
21) Naphthalene-d8	11.064	136	107761	20.000	ng	0.00
39) Acenaphthene-d10	14.848	164	76881	20.000	ng	0.00
64) Phenanthrene-d10	17.586	188	186390	20.000	ng	0.00
76) Chrysene-d12	21.858	240	199037	20.000	ng	0.00
86) Perylene-d12	25.224	264	216406	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.759	112	112511	74.429	ng	0.00
7) Phenol-d6	7.380	99	110451	52.689	ng	0.00
23) Nitrobenzene-d5	9.407	82	180953	89.493	ng	0.00
42) 2,4,6-Tribromophenol	16.335	330	157002	149.715	ng	0.00
45) 2-Fluorobiphenyl	13.479	172	466023	89.873	ng	0.00
79) Terphenyl-d14	20.160	244	812691	79.398	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.407	70	23979	14.639	ng	# 78
51) 2,6-Dinitrotoluene	14.848	165	9971	7.422	ng	# 27
57) 2,4-Dinitrotoluene	14.848	165	9971	5.191	ng	# 25
67) 4-Bromophenyl-phenylether	16.329	248	10000	4.539	ng	# 1
77) Benzidine	20.160	184	11736	2.832	ng	# 94

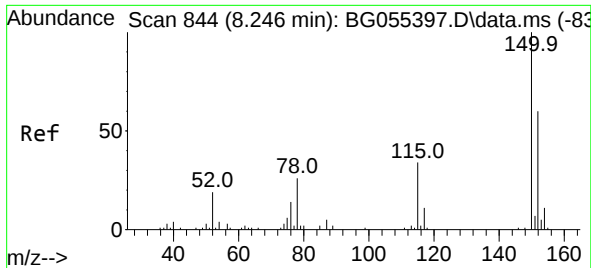
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110322\
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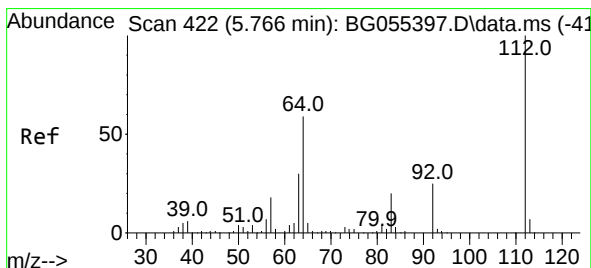
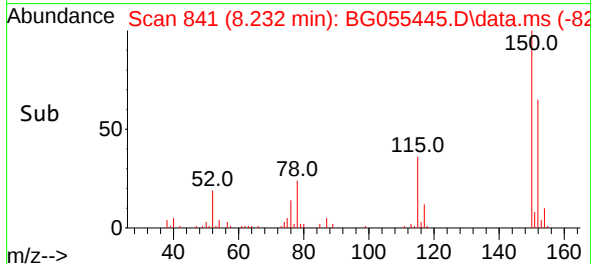
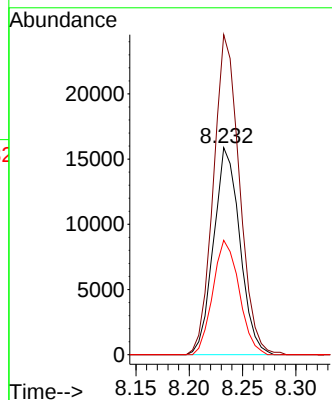
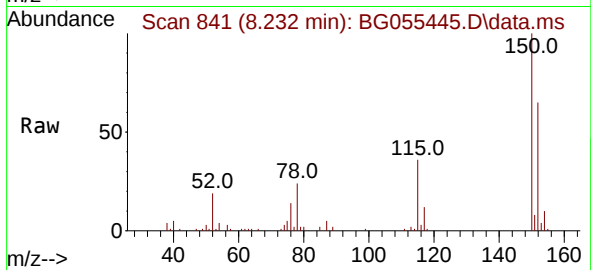




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.232 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG055445.D
Acq: 3 Nov 2022 20:08

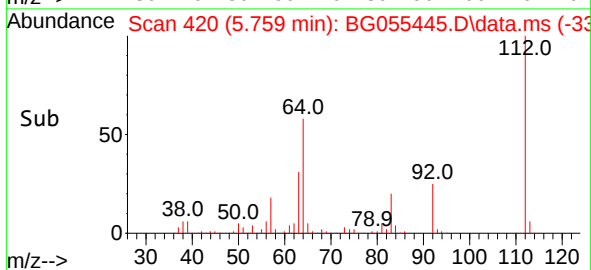
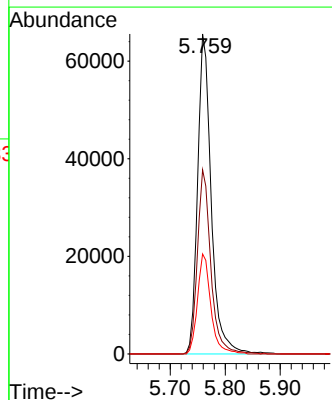
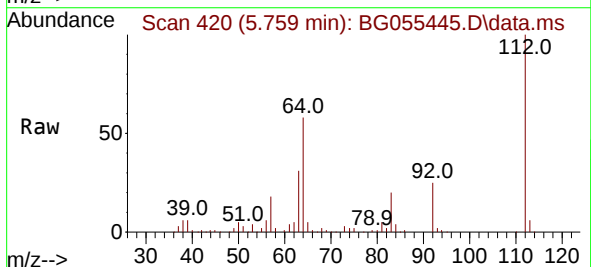
Instrument :
BNA_G
ClientSampleId :
20221173-COMP-08-MODIFIED-ELUTRIATE

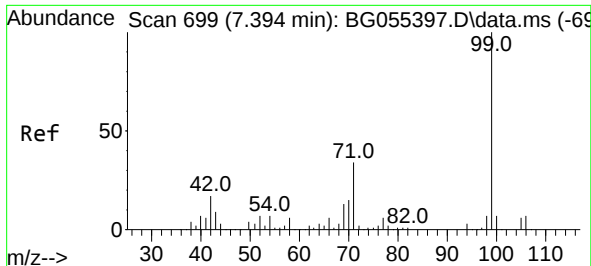
Tgt Ion:152 Resp: 27147
Ion Ratio Lower Upper
152 100
150 154.6 132.8 199.2
115 55.2 45.1 67.7



#5
2-Fluorophenol
Concen: 74.429 ng
RT: 5.759 min Scan# 420
Delta R.T. -0.003 min
Lab File: BG055445.D
Acq: 3 Nov 2022 20:08

Tgt Ion:112 Resp: 112511
Ion Ratio Lower Upper
112 100
64 57.5 47.2 70.8
63 31.3 24.3 36.5

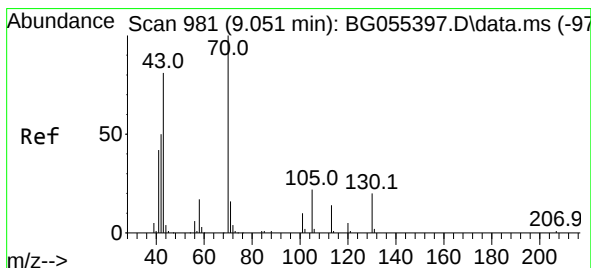
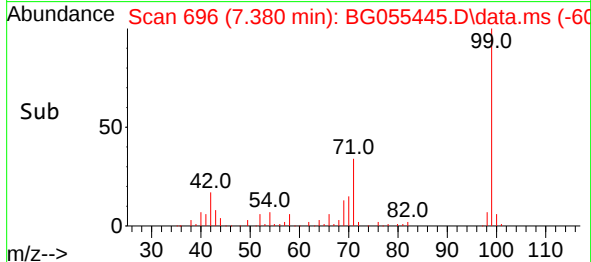
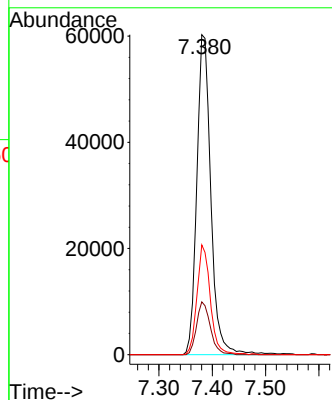
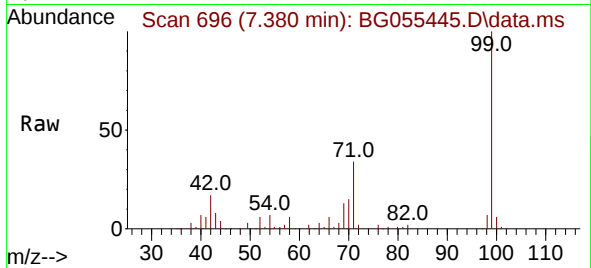




#7
Phenol-d6
Concen: 52.689 ng
RT: 7.380 min Scan# 699
Delta R.T. -0.003 min
Lab File: BG055445.D
Acq: 3 Nov 2022 20:08

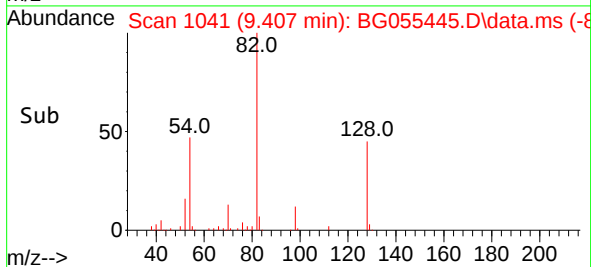
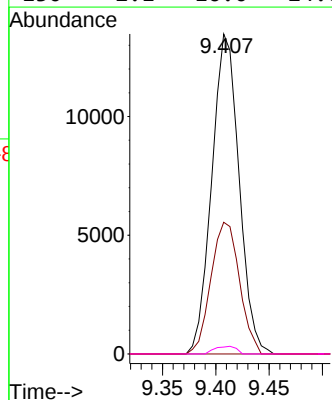
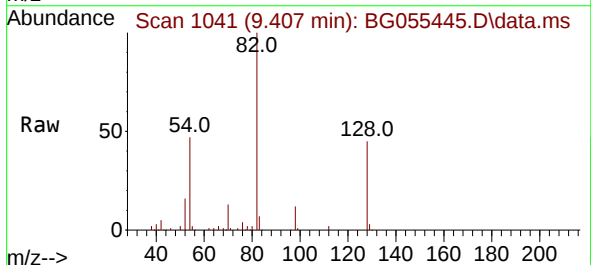
Instrument :
BNA_G
ClientSampleId :
20221173-COMP-08-MODIFIED-ELUTRIATE

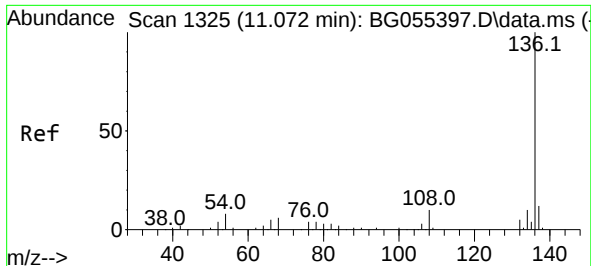
Tgt Ion: 99 Resp: 110451
Ion Ratio Lower Upper
99 100
42 16.5 13.5 20.3
71 34.3 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.639 ng
RT: 9.407 min Scan# 1041
Delta R.T. 0.367 min
Lab File: BG055445.D
Acq: 3 Nov 2022 20:08

Tgt Ion: 70 Resp: 23979
Ion Ratio Lower Upper
70 100
42 41.2 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: 11.064 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055445.D
Acq: 3 Nov 2022 20:08

Instrument :

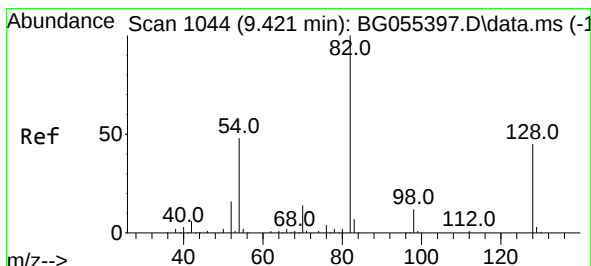
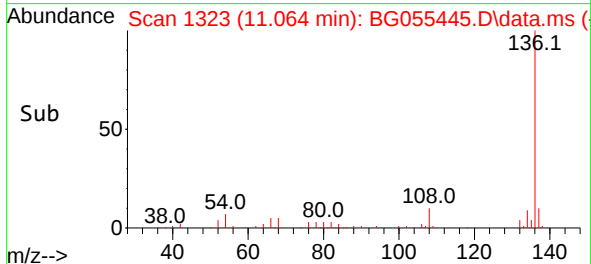
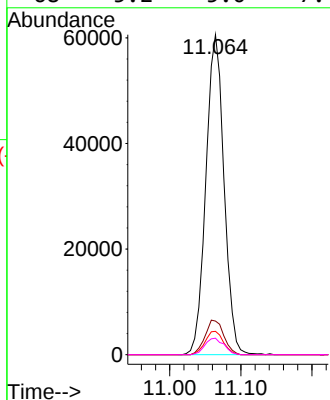
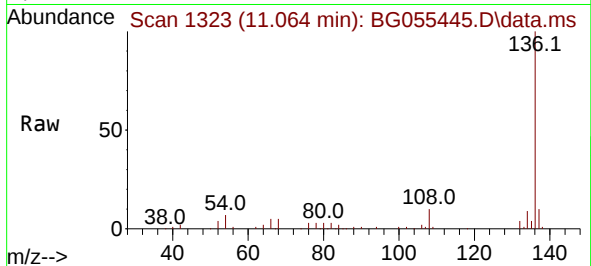
BNA_G

ClientSampleId :

20221173-COMP-08-MODIFIED-ELUTRIATE

Tgt Ion:136 Resp: 107761

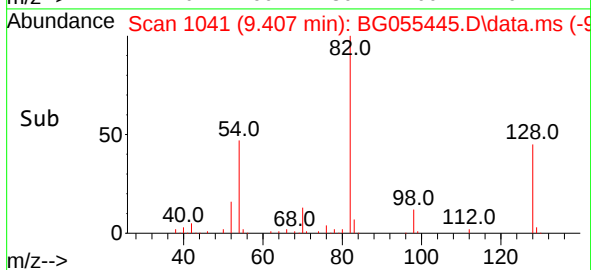
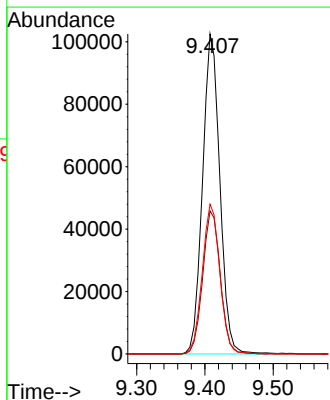
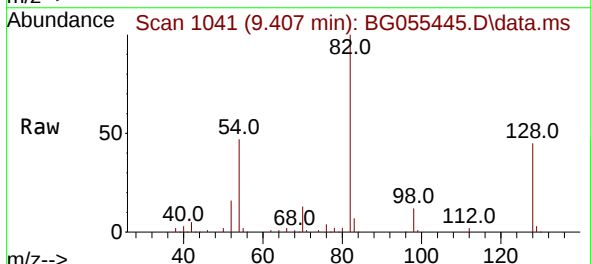
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.4	14.2
54	7.3	6.1	9.1
68	5.2	5.0	7.4

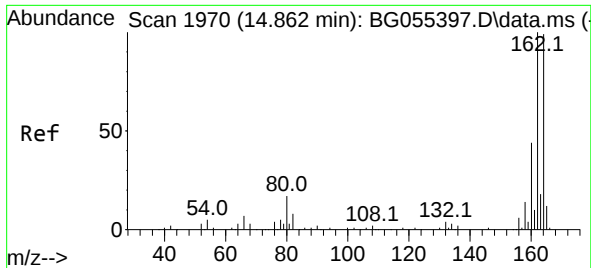


#23
Nitrobenzene-d5
Concen: 89.493 ng
RT: 9.407 min Scan# 1041
Delta R.T. -0.003 min
Lab File: BG055445.D
Acq: 3 Nov 2022 20:08

Tgt Ion: 82 Resp: 180953

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.8	53.8
54	46.8	38.1	57.1

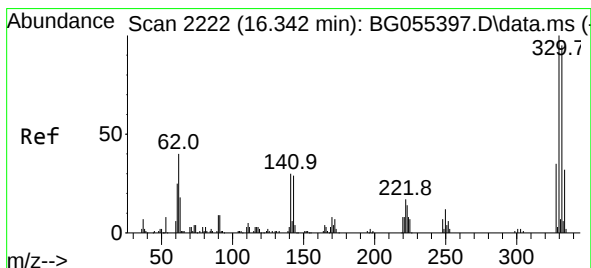
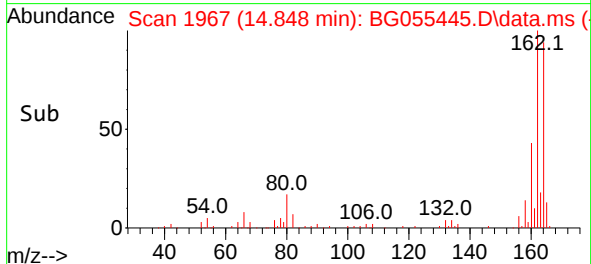
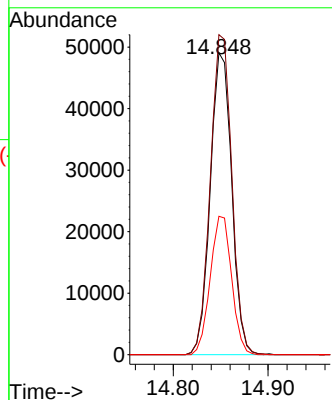
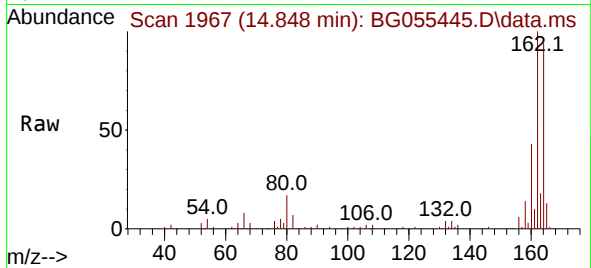




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.848 min Scan# 1970
Delta R.T. -0.009 min
Lab File: BG055445.D
Acq: 3 Nov 2022 20:08

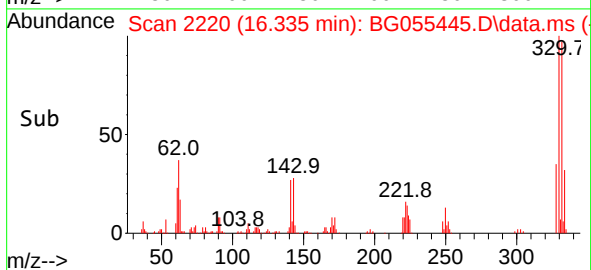
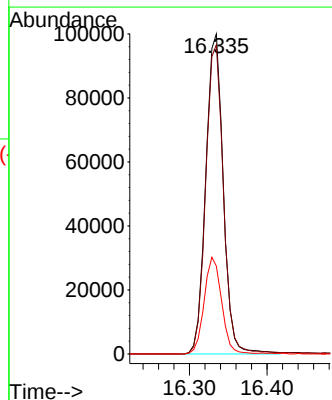
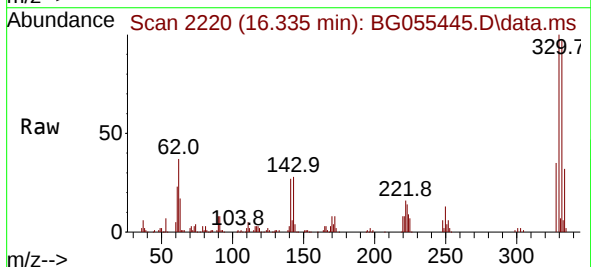
Instrument : BNA_G
ClientSampleId : 20221173-COMP-08-MODIFIED-ELUTRIATE

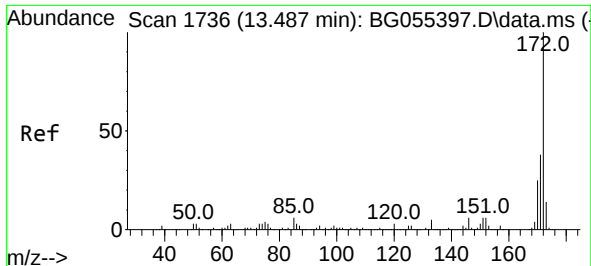
Tgt Ion:164 Resp: 76881
Ion Ratio Lower Upper
164 100
162 106.0 81.1 121.7
160 45.8 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 149.715 ng
RT: 16.335 min Scan# 2220
Delta R.T. -0.003 min
Lab File: BG055445.D
Acq: 3 Nov 2022 20:08

Tgt Ion:330 Resp: 157002
Ion Ratio Lower Upper
330 100
332 97.7 77.8 116.6
141 30.1 24.2 36.2

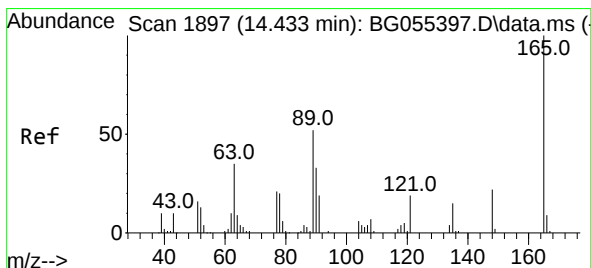
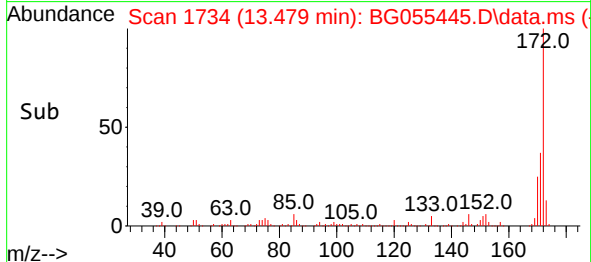
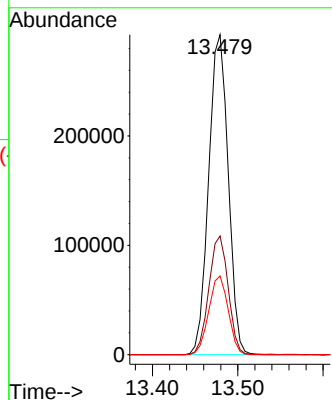
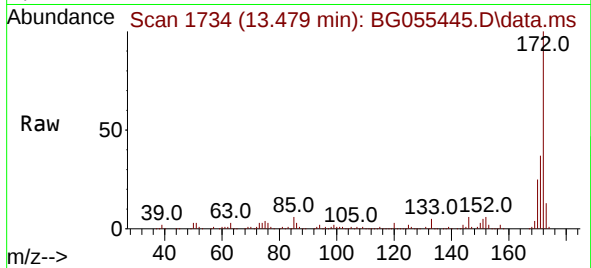




#45
2-Fluorobiphenyl
Concen: 89.873 ng
RT: 13.479 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055445.D
Acq: 3 Nov 2022 20:08

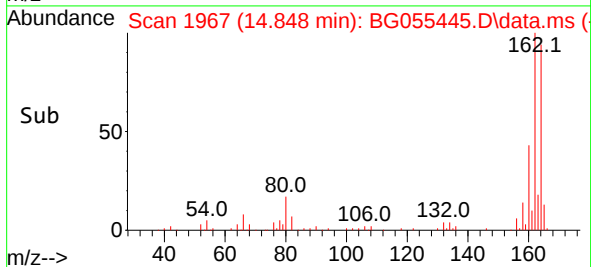
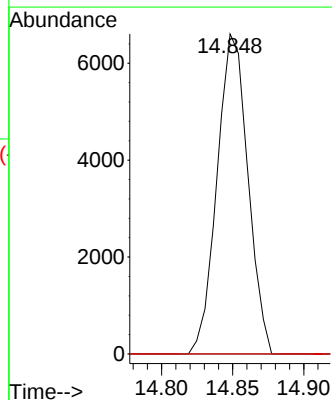
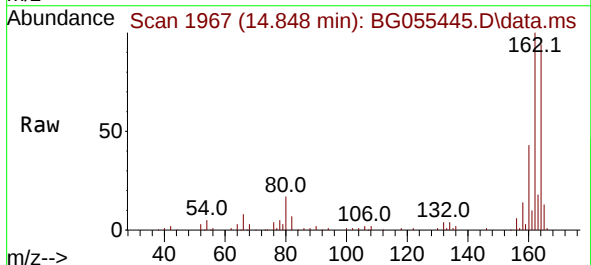
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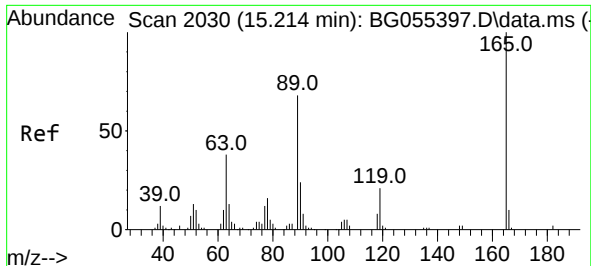
Tgt Ion:172 Resp: 466023
Ion Ratio Lower Upper
172 100
171 37.1 30.2 45.2
170 24.6 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.422 ng
RT: 14.848 min Scan# 1967
Delta R.T. 0.426 min
Lab File: BG055445.D
Acq: 3 Nov 2022 20:08

Tgt Ion:165 Resp: 9971
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: 5.191 ng

RT: 14.848 min Scan# 1967

Delta R.T. -0.362 min

Lab File: BG055445.D

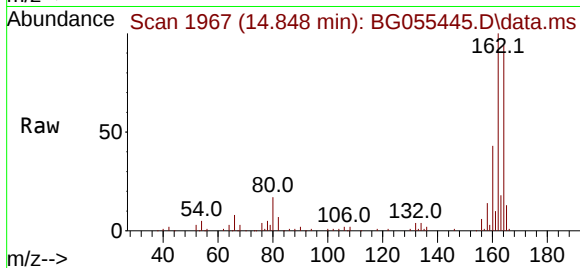
Acq: 3 Nov 2022 20:08

Instrument :

BNA_G

ClientSampleId :

20221173-COMP-08-MODIFIED-ELUTRIATE



Tgt Ion:165 Resp: 9971

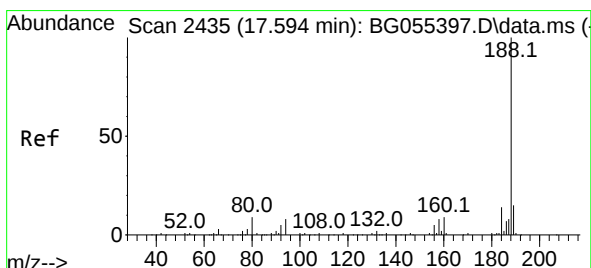
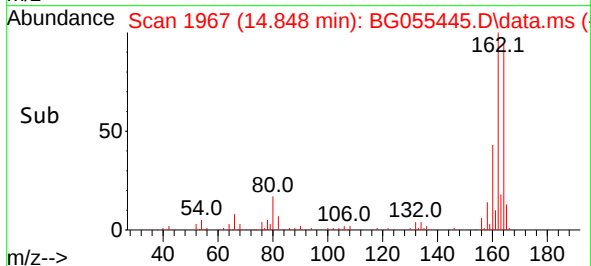
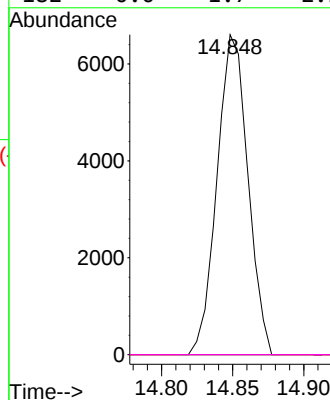
Ion Ratio Lower Upper

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: 17.586 min Scan# 2433

Delta R.T. -0.003 min

Lab File: BG055445.D

Acq: 3 Nov 2022 20:08

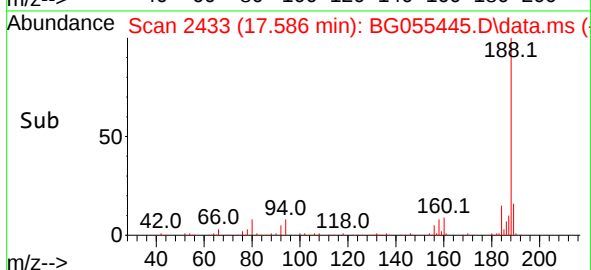
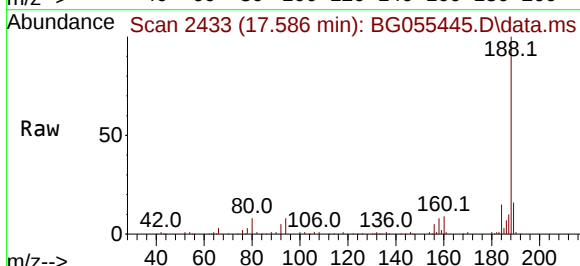
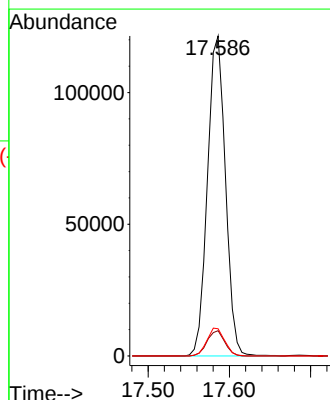
Tgt Ion:188 Resp: 186390

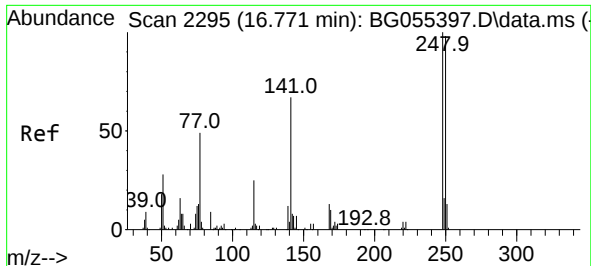
Ion Ratio Lower Upper

188 100

94 7.9 6.5 9.7

80 8.5 7.4 11.0





#67
4-Bromophenyl-phenylether
Concen: 4.539 ng
RT: 16.329 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG055445.D
Acq: 3 Nov 2022 20:08

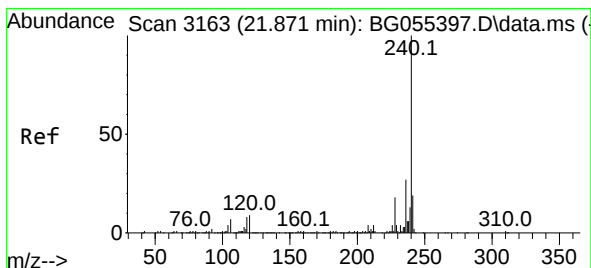
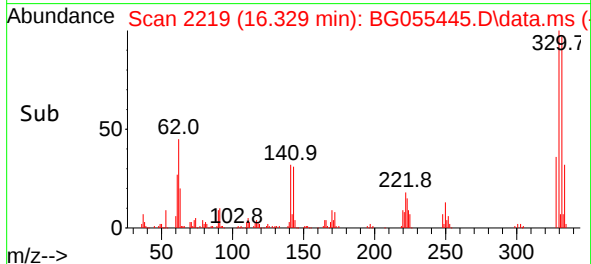
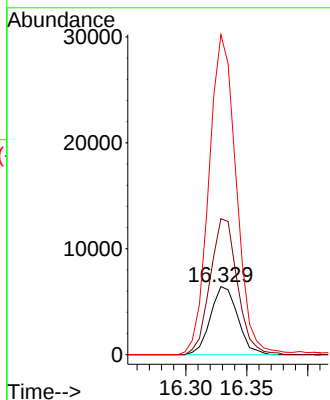
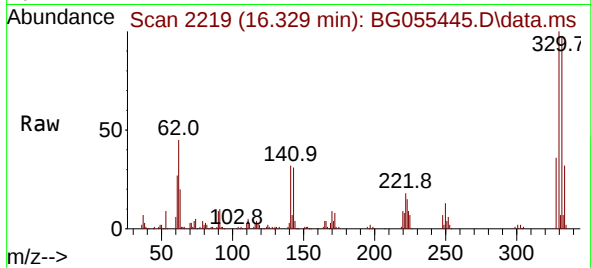
Instrument :

BNA_G

ClientSampleId :

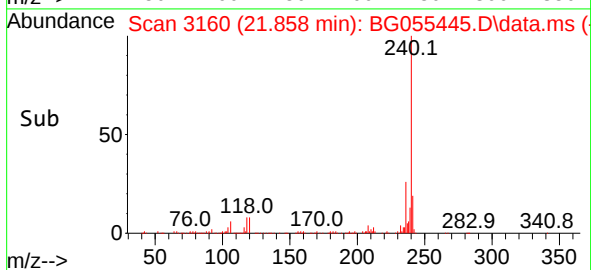
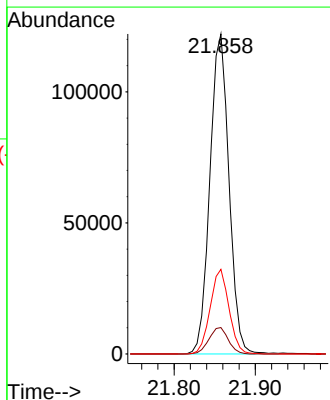
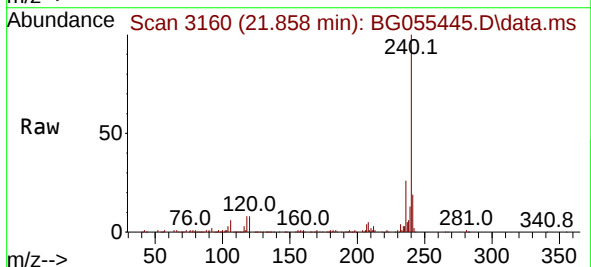
20221173-COMP-08-MODIFIED-ELUTRIATE

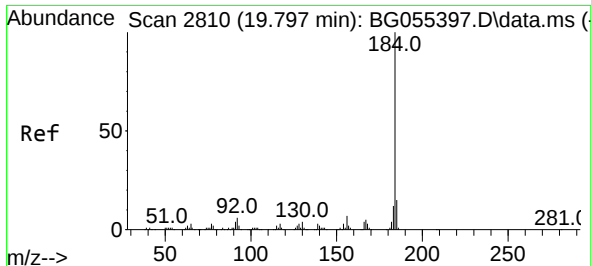
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Ion Ratio Lower Upper
248 100
250 199.6 78.3 117.5#
141 469.9 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.858 min Scan# 3160
Delta R.T. -0.003 min
Lab File: BG055445.D
Acq: 3 Nov 2022 20:08

Tgt Ion:240 Resp: 199037
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 26.4 21.5 32.3

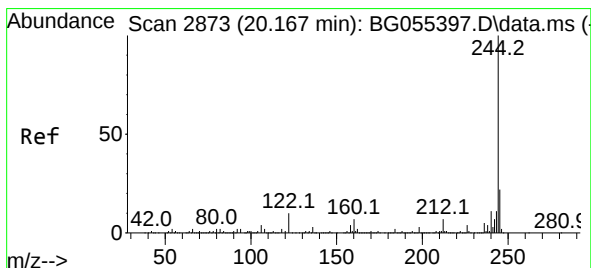
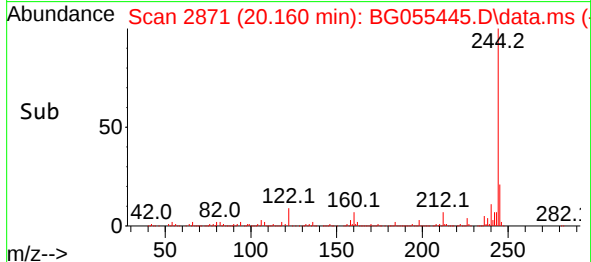
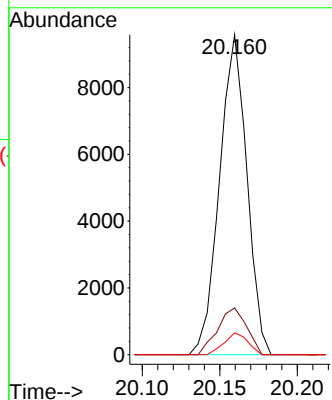
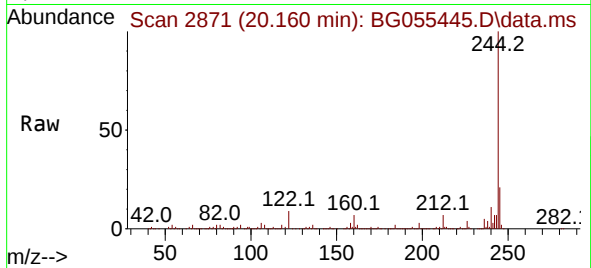




#77
Benzidine
Concen: 2.832 ng
RT: 20.160 min Scan# 2810
Delta R.T. 0.367 min
Lab File: BG055445.D
Acq: 3 Nov 2022 20:08

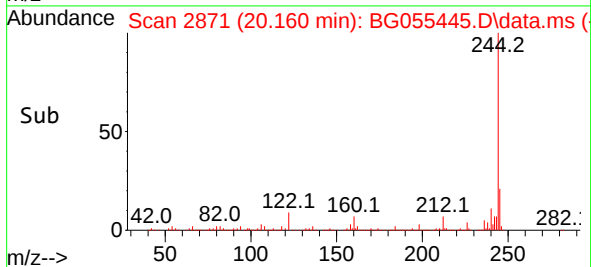
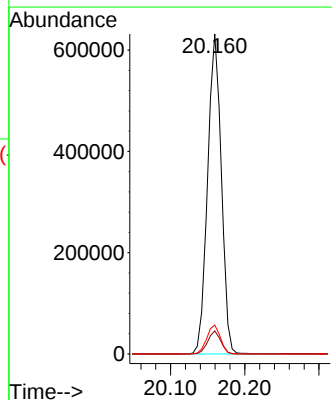
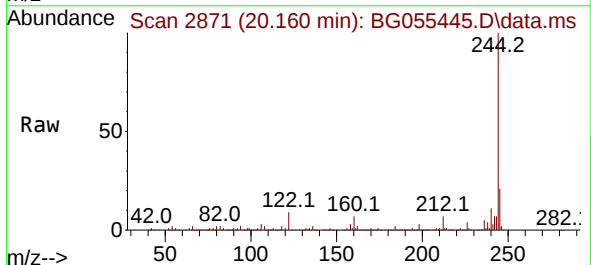
Instrument :
BNA_G
ClientSampleId :
20221173-COMP-08-MODIFIED-ELUTRIATE

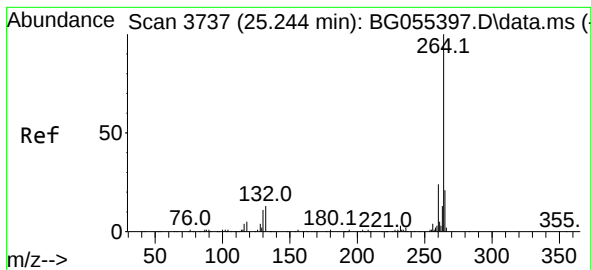
Tgt Ion:184 Resp: 11736
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 6.9 9.8 14.8#



#79
Terphenyl-d14
Concen: 79.398 ng
RT: 20.160 min Scan# 2871
Delta R.T. -0.003 min
Lab File: BG055445.D
Acq: 3 Nov 2022 20:08

Tgt Ion:244 Resp: 812691
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 9.1 7.8 11.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.224 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG055445.D

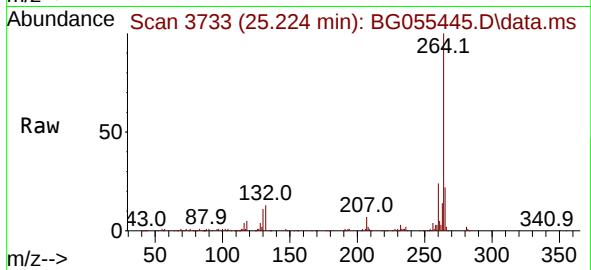
Acq: 3 Nov 2022 20:08

Instrument :

BNA_G

ClientSampleId :

20221173-COMP-08-MODIFIED-ELUTRIATE



Tgt Ion:264 Resp: 216406

Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 22.1 17.1 25.7

