

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110322\
 Data File : BG055443.D
 Acq On : 3 Nov 2022 18:44
 Operator : CG/JU
 Sample : N5306-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221167-COMP-02-MODIFIED-ELUTRIATE

Quant Time: Nov 04 05:30:21 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)

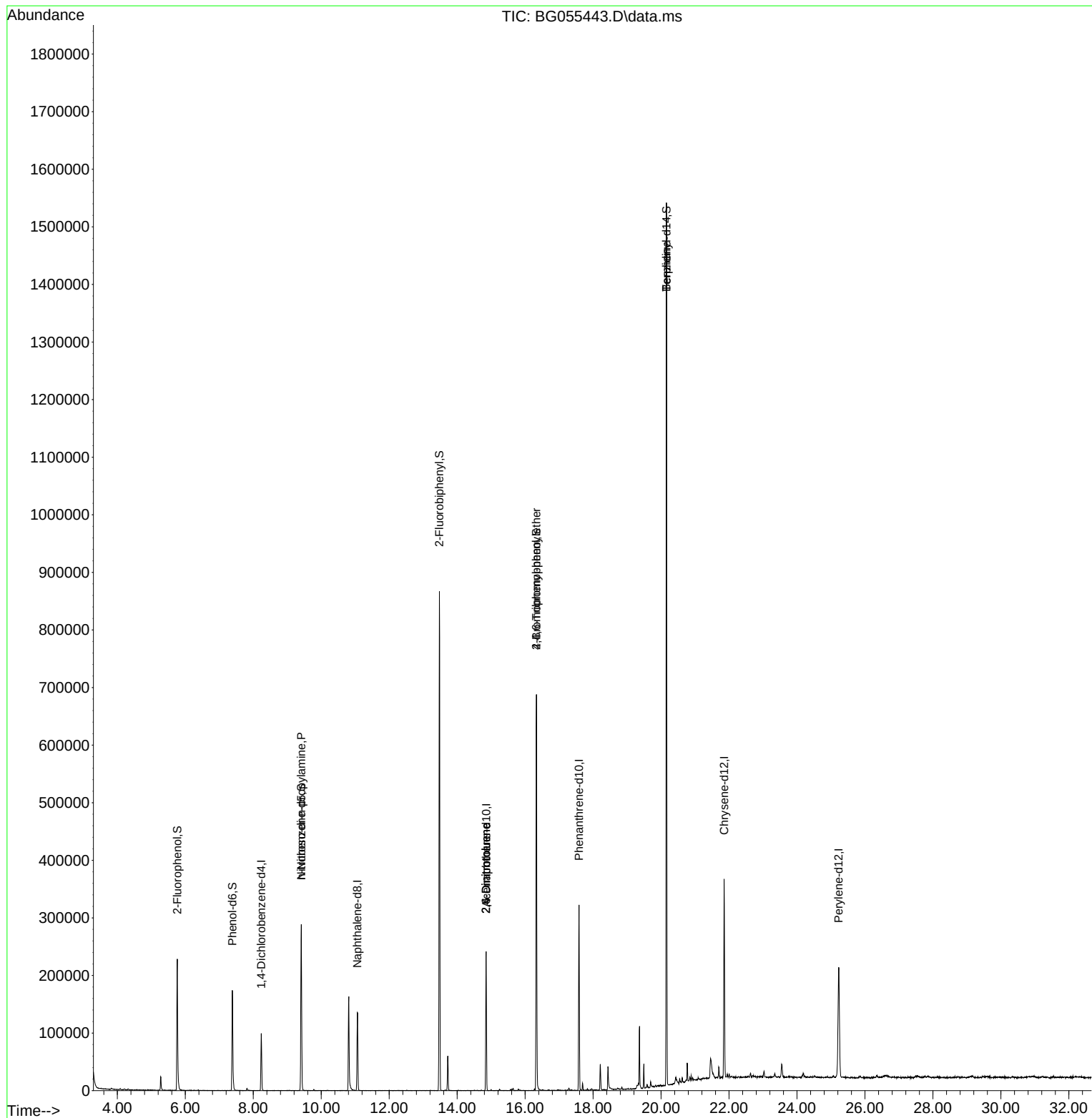
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.236	152	31151	20.000	ng	0.00
21) Naphthalene-d8	11.062	136	122996	20.000	ng	0.00
39) Acenaphthene-d10	14.851	164	87406	20.000	ng	0.00
64) Phenanthrene-d10	17.584	188	208503	20.000	ng	0.00
76) Chrysene-d12	21.855	240	209360	20.000	ng	0.00
86) Perylene-d12	25.227	264	225667	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	118691	68.425	ng	0.00
7) Phenol-d6	7.384	99	112842	46.911	ng	0.00
23) Nitrobenzene-d5	9.411	82	182167	78.934	ng	0.00
42) 2,4,6-Tribromophenol	16.332	330	154278	129.402	ng	0.00
45) 2-Fluorobiphenyl	13.477	172	460652	78.140	ng	0.00
79) Terphenyl-d14	20.157	244	754420	70.071	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.411	70	24083	12.813	ng	# 79
51) 2,6-Dinitrotoluene	14.846	165	11179	7.319	ng	# 27
57) 2,4-Dinitrotoluene	14.846	165	11179	5.119	ng	# 25
67) 4-Bromophenyl-phenylether	16.332	248	9729	3.947	ng	# 1
77) Benzidine	20.157	184	10872	2.494	ng	# 92

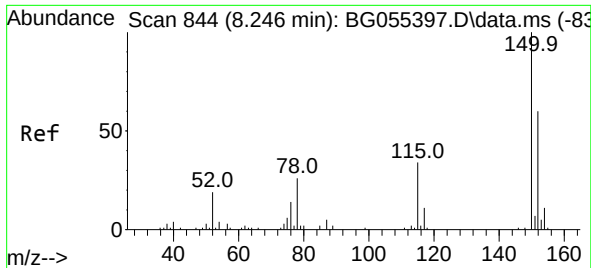
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110322\
Data File : BG055443.D
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Sample : N5306-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

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Quant Time: Nov 04 05:30:21 2022
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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

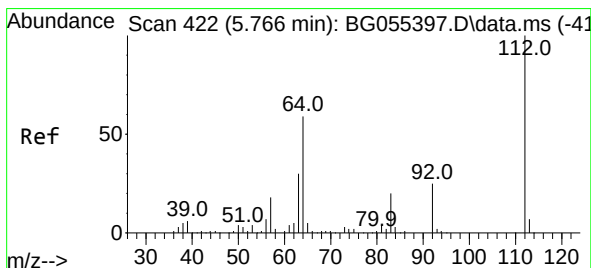
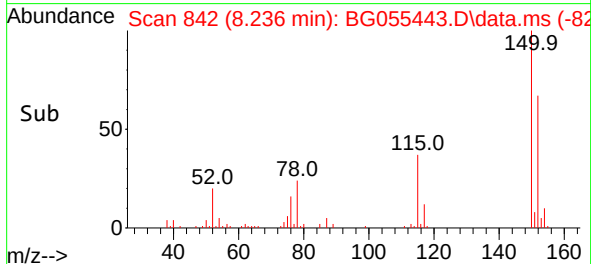
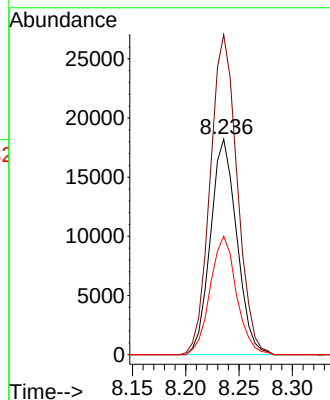
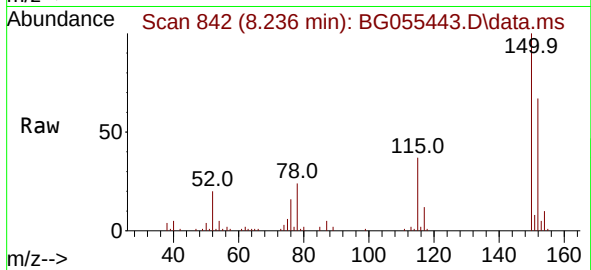




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.236 min Scan# 844
Delta R.T. -0.000 min
Lab File: BG055443.D
Acq: 3 Nov 2022 18:44

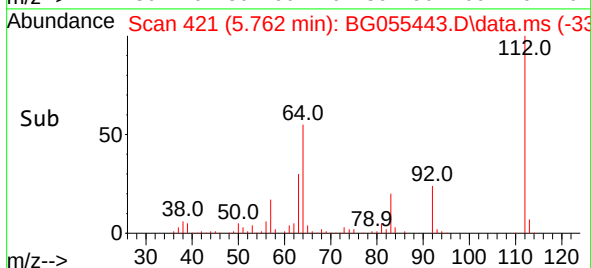
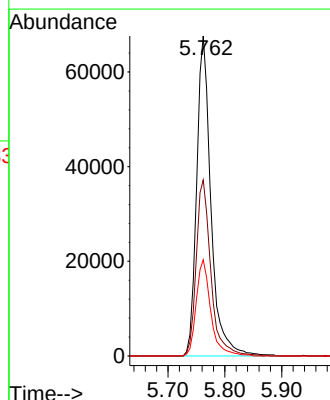
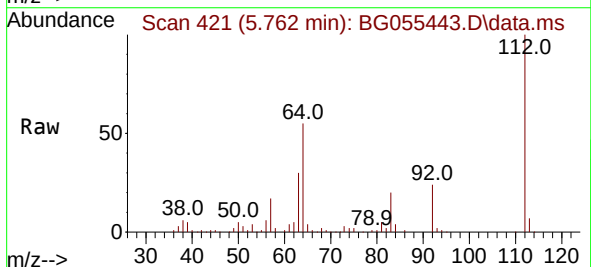
Instrument :
BNA_G
ClientSampleId :
20221167-COMP-02-MODIFIED-ELUTRIATE

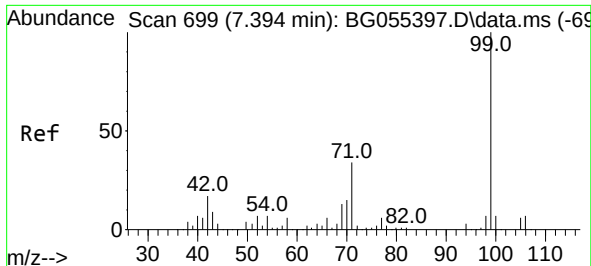
Tgt Ion:152 Resp: 31151
Ion Ratio Lower Upper
152 100
150 148.4 132.8 199.2
115 54.9 45.1 67.7



#5
2-Fluorophenol
Concen: 68.425 ng
RT: 5.762 min Scan# 421
Delta R.T. 0.000 min
Lab File: BG055443.D
Acq: 3 Nov 2022 18:44

Tgt Ion:112 Resp: 118691
Ion Ratio Lower Upper
112 100
64 55.0 47.2 70.8
63 30.0 24.3 36.5

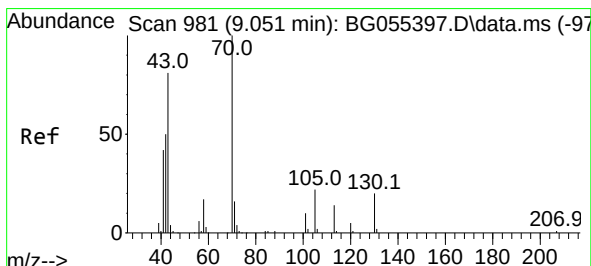
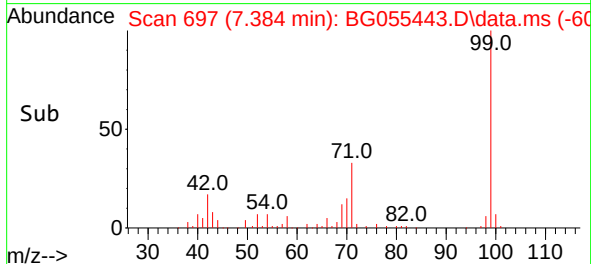
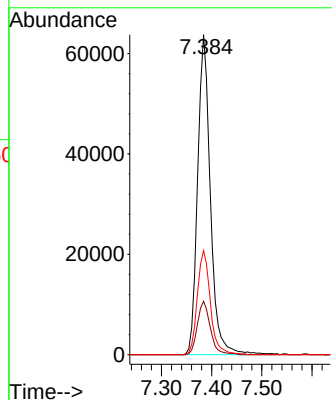
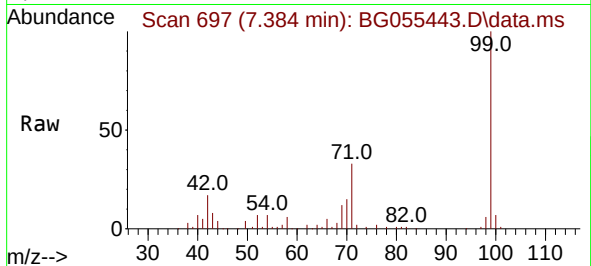




#7
Phenol-d6
Concen: 46.911 ng
RT: 7.384 min Scan# 699
Delta R.T. 0.000 min
Lab File: BG055443.D
Acq: 3 Nov 2022 18:44

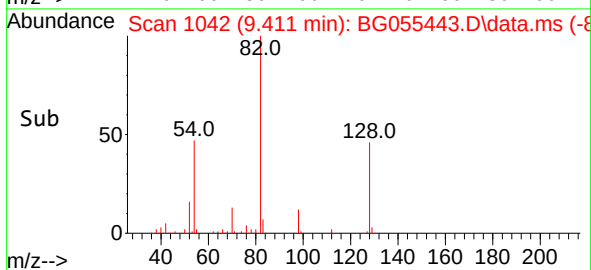
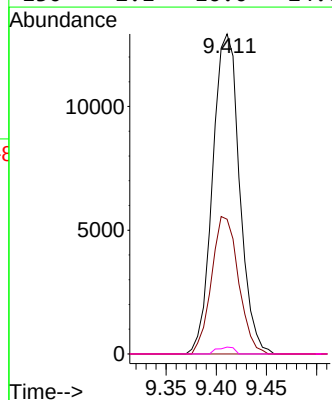
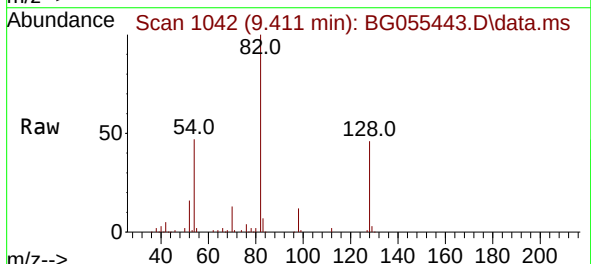
Instrument :
BNA_G
ClientSampleId :
20221167-COMP-02-MODIFIED-ELUTRIATE

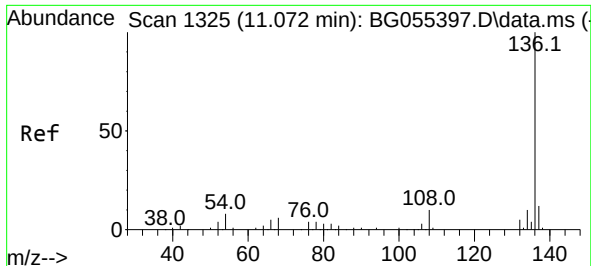
Tgt Ion: 99 Resp: 112842
Ion Ratio Lower Upper
99 100
42 16.7 13.5 20.3
71 32.5 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.813 ng
RT: 9.411 min Scan# 1042
Delta R.T. 0.370 min
Lab File: BG055443.D
Acq: 3 Nov 2022 18:44

Tgt Ion: 70 Resp: 24083
Ion Ratio Lower Upper
70 100
42 42.1 40.6 61.0
101 0.0 7.8 11.6#
130 2.1 16.0 24.0#

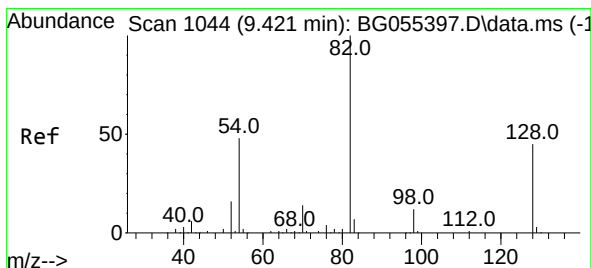
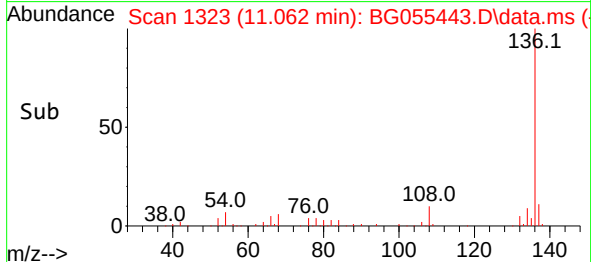
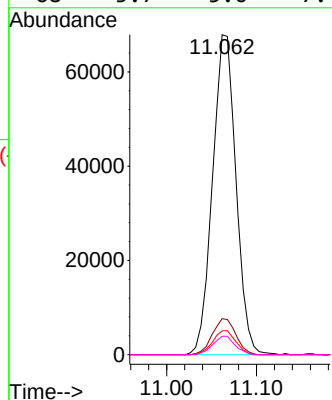
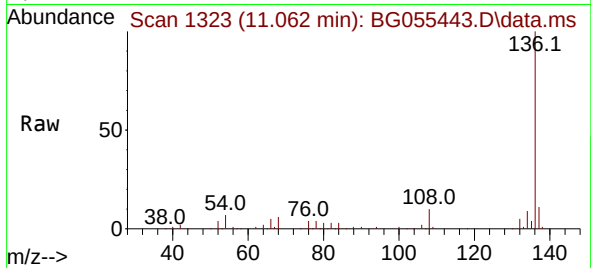




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.062 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055443.D
Acq: 3 Nov 2022 18:44

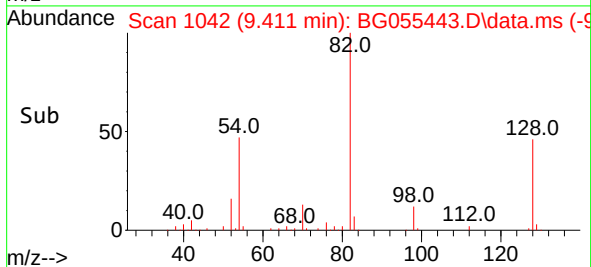
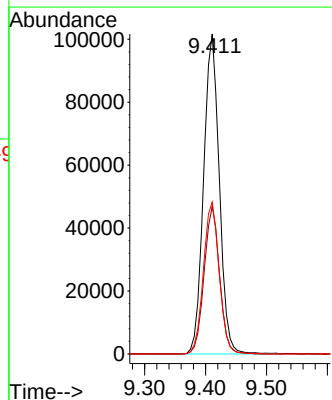
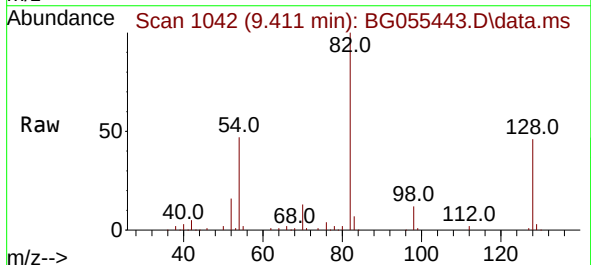
Instrument :
BNA_G
ClientSampleId :
20221167-COMP-02-MODIFIED-ELUTRIATE

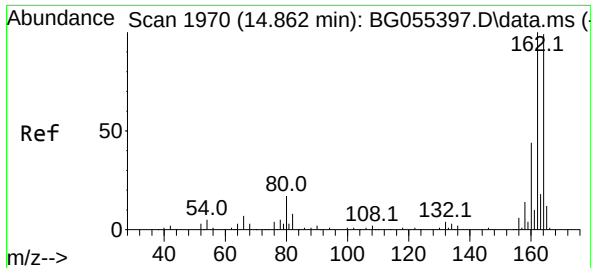
Tgt Ion:	136	Resp:	122996
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.2
54	7.5	6.1	9.1
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 78.934 ng
RT: 9.411 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BG055443.D
Acq: 3 Nov 2022 18:44

Tgt Ion:	82	Resp:	182167
Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.8	53.8
54	47.4	38.1	57.1

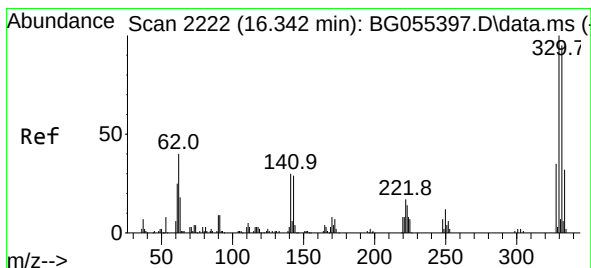
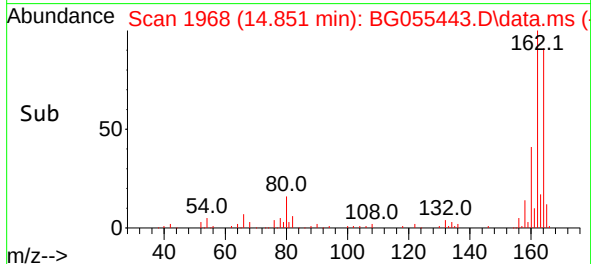
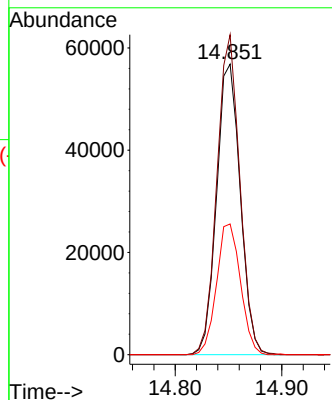
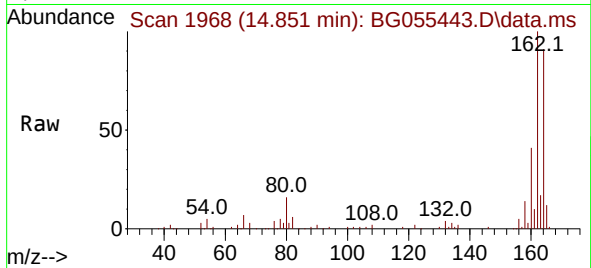




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.851 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BG055443.D
Acq: 3 Nov 2022 18:44

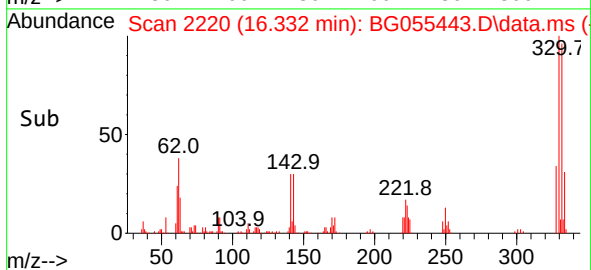
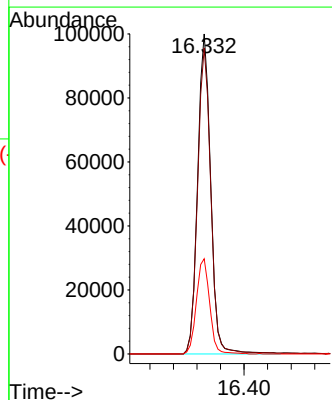
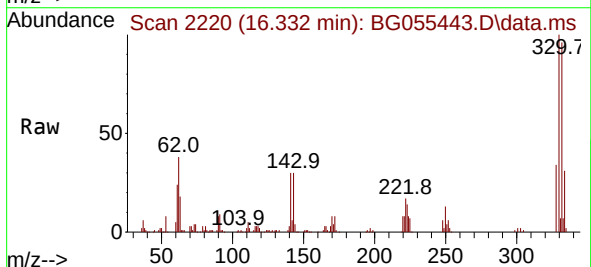
Instrument : BNA_G
ClientSampleId : 20221167-COMP-02-MODIFIED-ELUTRIATE

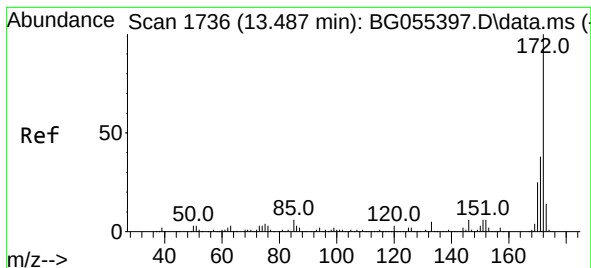
Tgt Ion:164 Resp: 87406
Ion Ratio Lower Upper
164 100
162 110.1 81.1 121.7
160 45.0 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 129.402 ng
RT: 16.332 min Scan# 2220
Delta R.T. -0.006 min
Lab File: BG055443.D
Acq: 3 Nov 2022 18:44

Tgt Ion:330 Resp: 154278
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.6
141 30.1 24.2 36.2

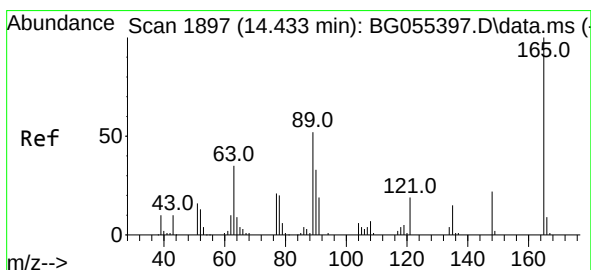
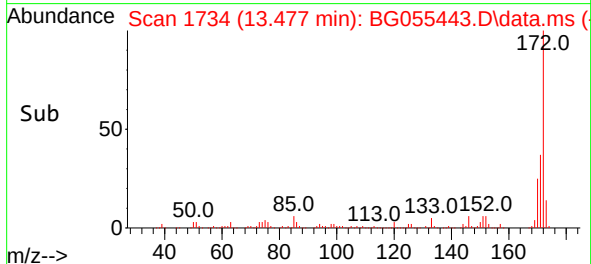
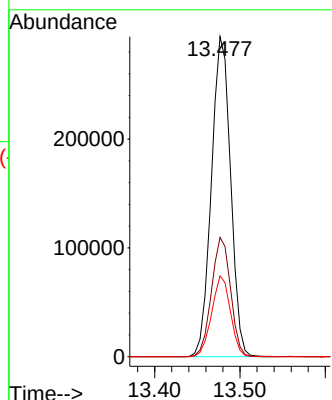
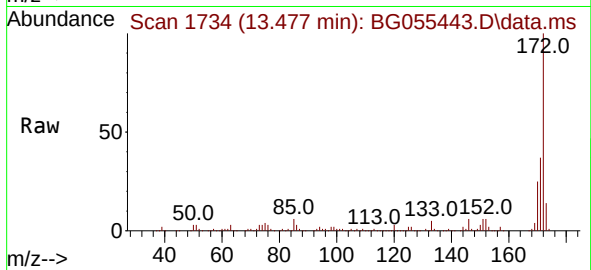




#45
2-Fluorobiphenyl
Concen: 78.140 ng
RT: 13.477 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055443.D
Acq: 3 Nov 2022 18:44

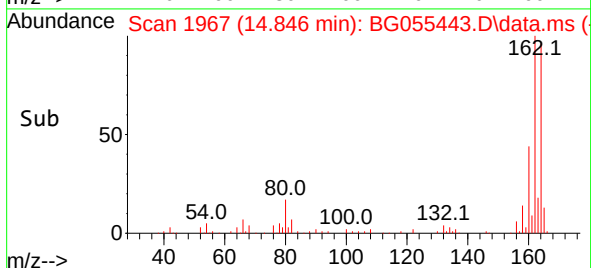
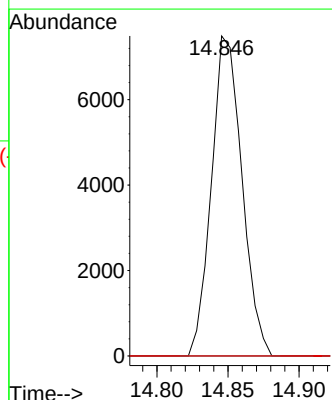
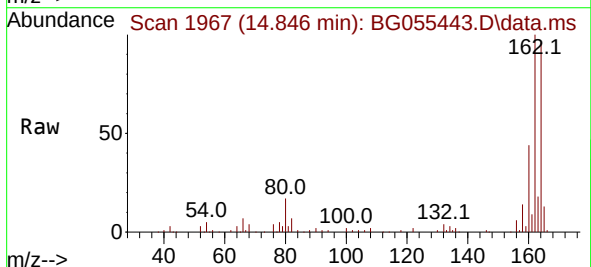
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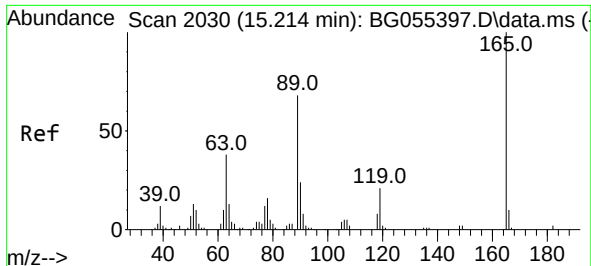
Tgt Ion:172 Resp: 460652
Ion Ratio Lower Upper
172 100
171 37.3 30.2 45.2
170 25.3 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.319 ng
RT: 14.846 min Scan# 1967
Delta R.T. 0.423 min
Lab File: BG055443.D
Acq: 3 Nov 2022 18:44

Tgt Ion:165 Resp: 11179
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: 5.119 ng

RT: 14.846 min Scan# 1967

Delta R.T. -0.364 min

Lab File: BG055443.D

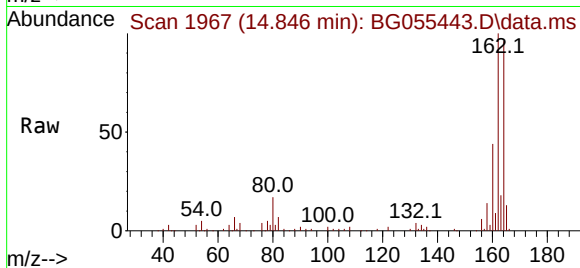
Acq: 3 Nov 2022 18:44

Instrument :

BNA_G

ClientSampleId :

20221167-COMP-02-MODIFIED-ELUTRIATE



Tgt Ion:165 Resp: 11179

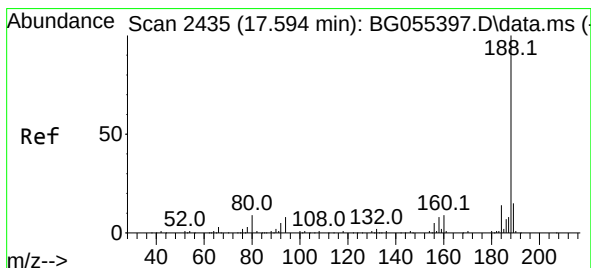
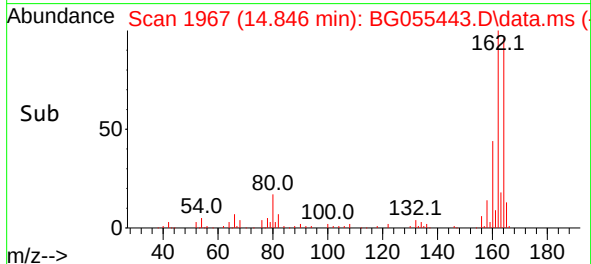
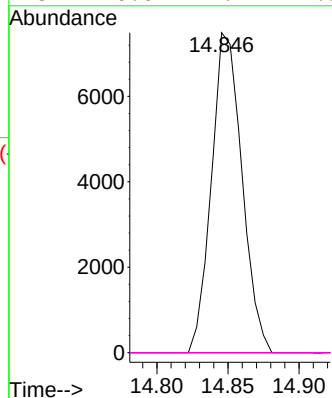
Ion Ratio Lower Upper

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: 17.584 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BG055443.D

Acq: 3 Nov 2022 18:44

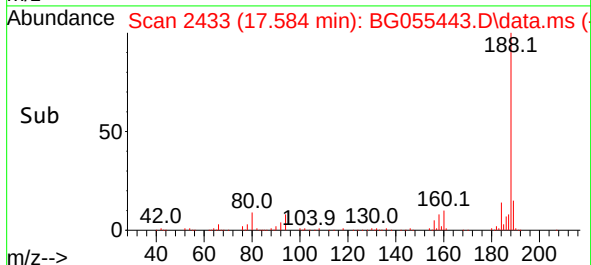
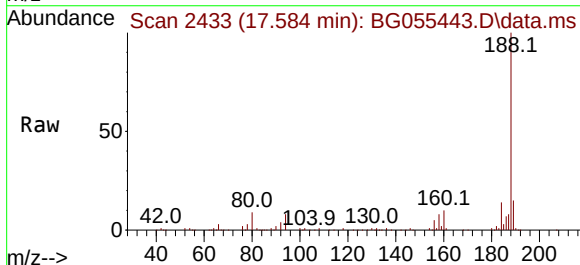
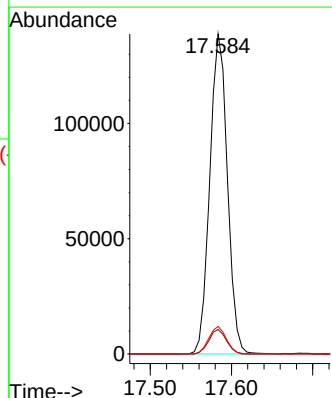
Tgt Ion:188 Resp: 208503

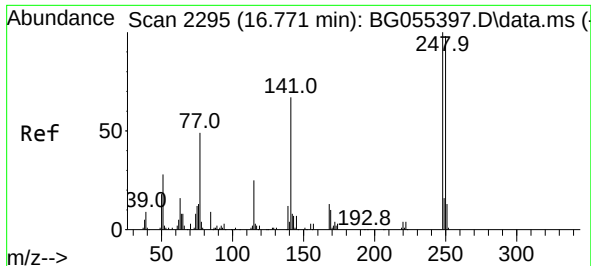
Ion Ratio Lower Upper

188 100

94 7.7 6.5 9.7

80 8.6 7.4 11.0

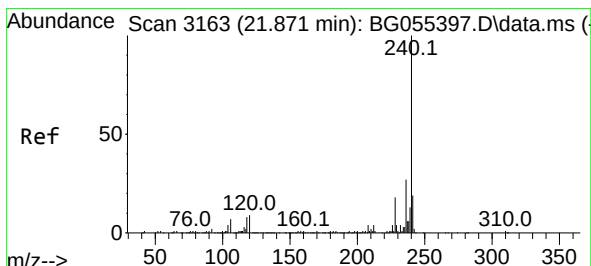
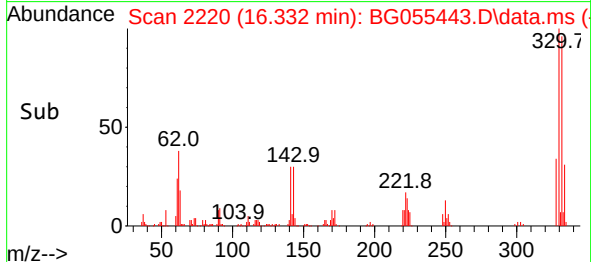
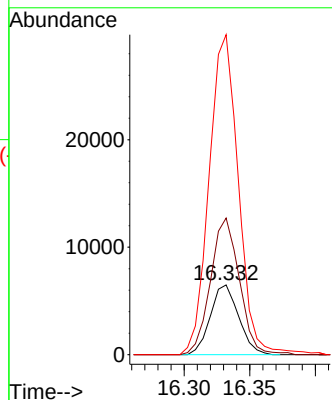
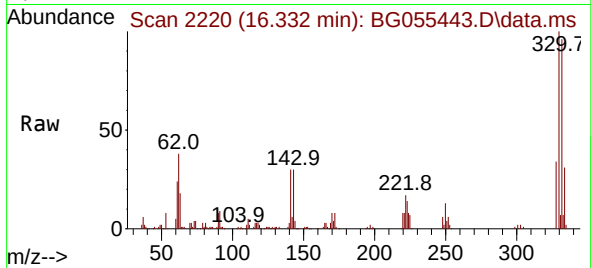




#67
4-Bromophenyl-phenylether
Concen: 3.947 ng
RT: 16.332 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG055443.D
Acq: 3 Nov 2022 18:44

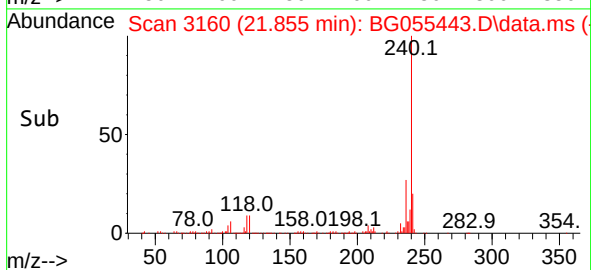
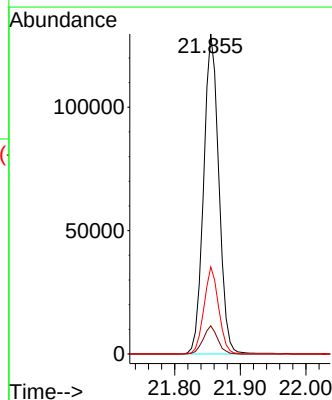
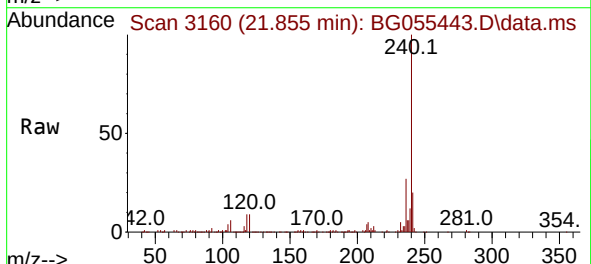
Instrument :
BNA_G
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20221167-COMP-02-MODIFIED-ELUTRIATE

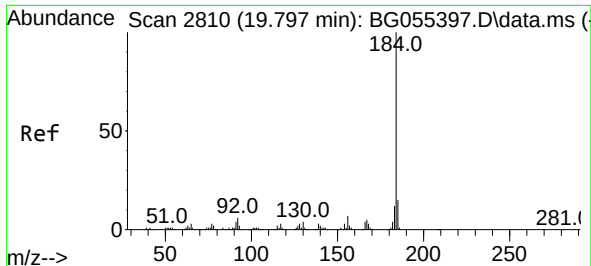
Tgt Ion:248 Resp: 9729
Ion Ratio Lower Upper
248 100
250 195.8 78.3 117.5#
141 458.3 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.855 min Scan# 3160
Delta R.T. -0.006 min
Lab File: BG055443.D
Acq: 3 Nov 2022 18:44

Tgt Ion:240 Resp: 209360
Ion Ratio Lower Upper
240 100
120 8.8 6.9 10.3
236 27.2 21.5 32.3

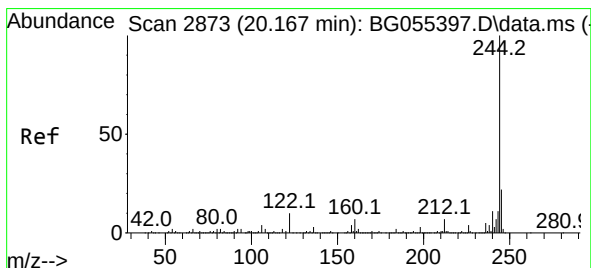
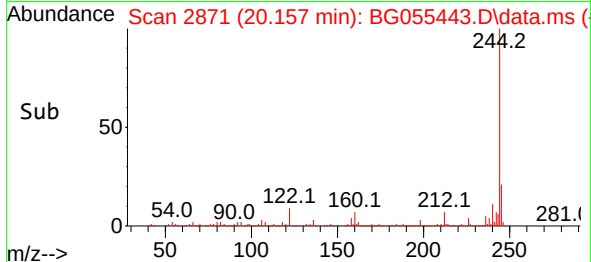
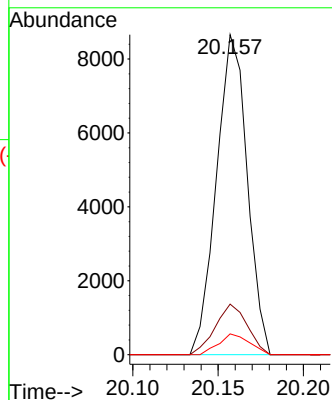
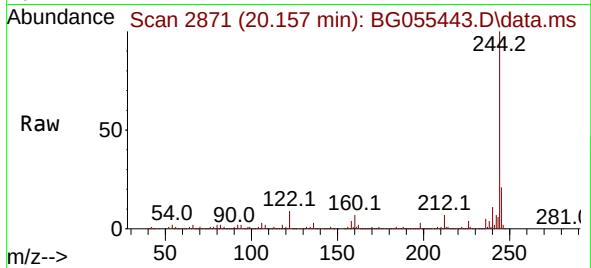




#77
Benzidine
Concen: 2.494 ng
RT: 20.157 min Scan# 2810
Delta R.T. 0.364 min
Lab File: BG055443.D
Acq: 3 Nov 2022 18:44

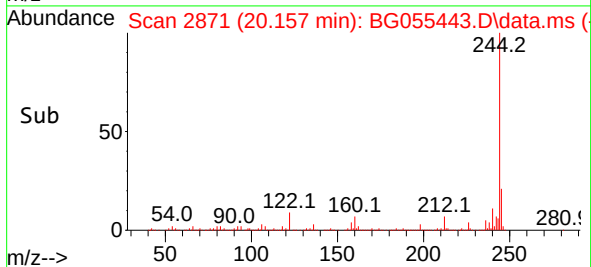
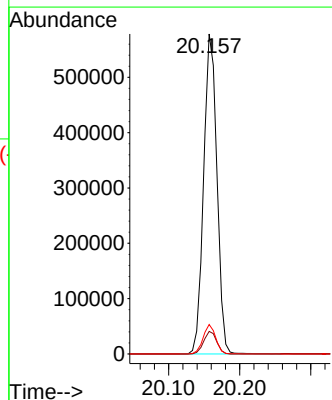
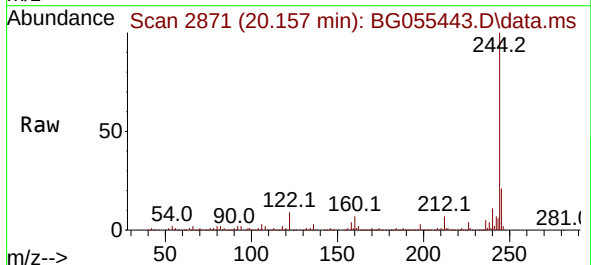
Instrument :
BNA_G
ClientSampleId :
20221167-COMP-02-MODIFIED-ELUTRIATE

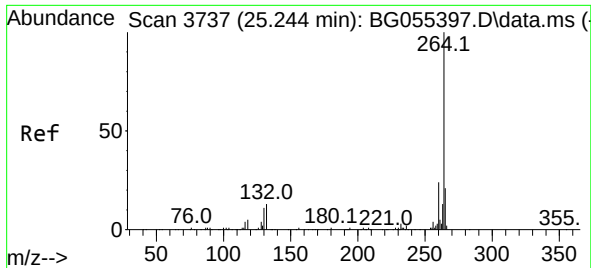
Tgt Ion:184 Resp: 10872
Ion Ratio Lower Upper
184 100
185 15.8 11.7 17.5
183 6.5 9.8 14.8#



#79
Terphenyl-d14
Concen: 70.071 ng
RT: 20.157 min Scan# 2871
Delta R.T. -0.006 min
Lab File: BG055443.D
Acq: 3 Nov 2022 18:44

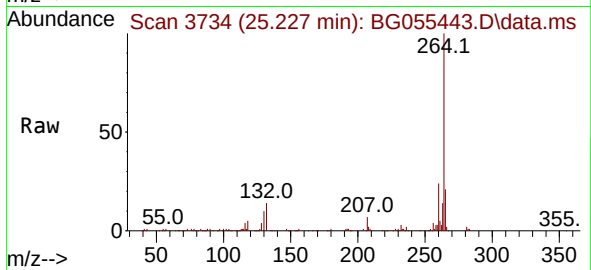
Tgt Ion:244 Resp: 754420
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 9.2 7.8 11.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.227 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BG055443.D
 Acq: 3 Nov 2022 18:44

Instrument :
 BNA_G
 ClientSampleId :
 20221167-COMP-02-MODIFIED-ELUTRIATE



Tgt Ion:264 Resp: 225667
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.9 28.3
 265 21.2 17.1 25.7

