

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111522\
 Data File : BG055635.D
 Acq On : 15 Nov 2022 23:54
 Operator : CG/JU
 Sample : N5431-02RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221176-COMP-11-MODIFIED-ELUTRIATE

Quant Time: Nov 16 01:47:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 01:36:26 2022
 Response via : Initial Calibration

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

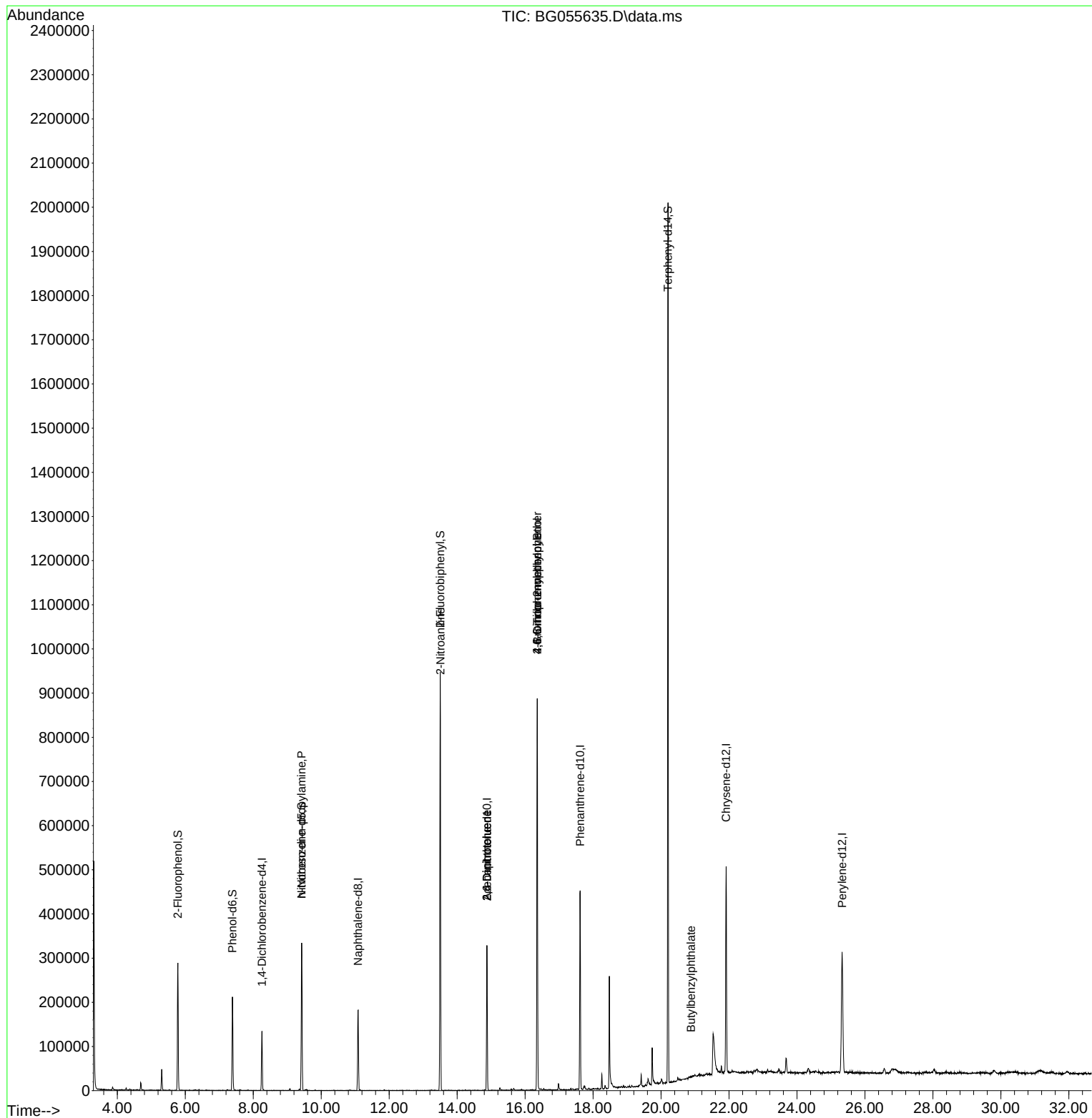
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.256	152	38561	20.000	ng	0.00
21) Naphthalene-d8	11.088	136	160984	20.000	ng	0.00
39) Acenaphthene-d10	14.877	164	119625	20.000	ng	0.00
64) Phenanthrene-d10	17.621	188	302121	20.000	ng	0.00
76) Chrysene-d12	21.916	240	294625	20.000	ng	0.00
86) Perylene-d12	25.330	264	304256	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.782	112	123128	60.819	ng	0.00
7) Phenol-d6	7.386	99	123167	44.043	ng	-0.01
23) Nitrobenzene-d5	9.425	82	196972	82.947	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	185743	159.137	ng	0.00
45) 2-Fluorobiphenyl	13.502	172	486445	61.338	ng	0.00
79) Terphenyl-d14	20.206	244	965831	65.844	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.425	70	27044	11.702	ng	# 77
48) 2-Nitroaniline	13.508	65	772	4.195	ng	# 1
51) 2,6-Dinitrotoluene	14.877	165	15330	12.116	ng	# 20
57) 2,4-Dinitrotoluene	14.877	165	15330	10.338	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.358	198	476	2.545	ng	# 1
67) 4-Bromophenyl-phenylether	16.358	248	12453	4.040	ng	# 1
80) Butylbenzylphthalate	20.882	149	841	3.467	ng	# 80

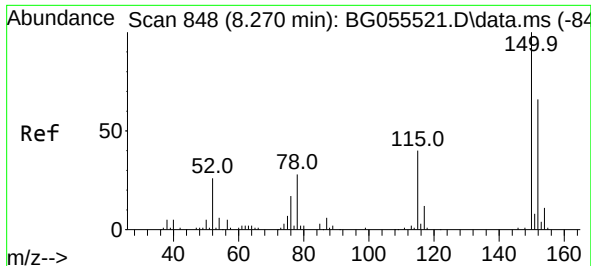
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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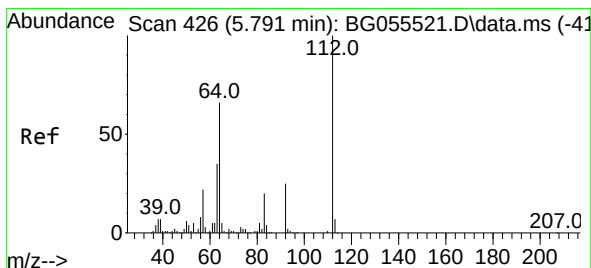
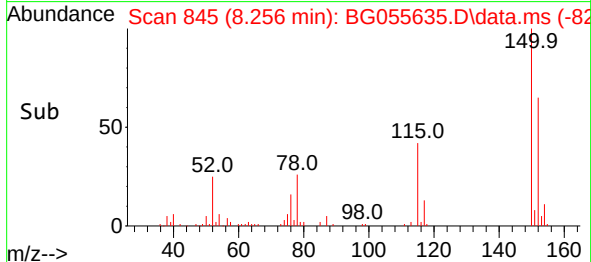
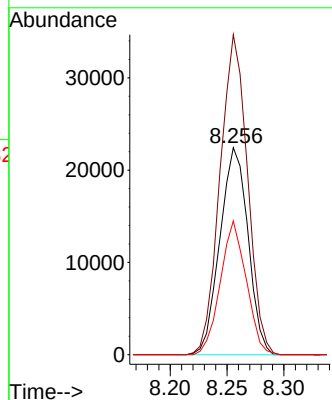
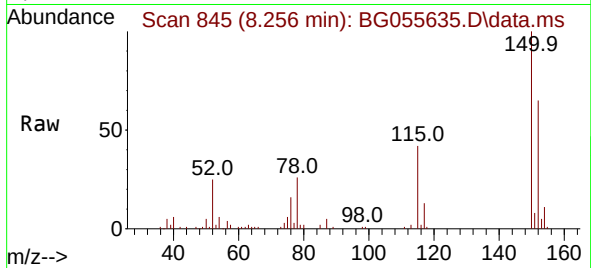




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.256 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055635.D
Acq: 15 Nov 2022 23:54

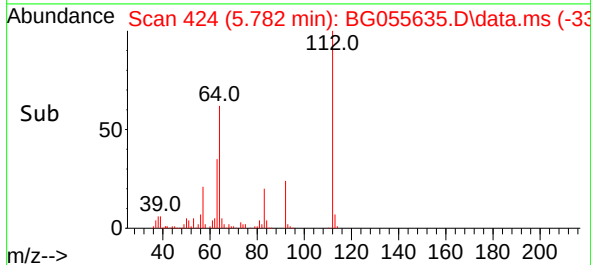
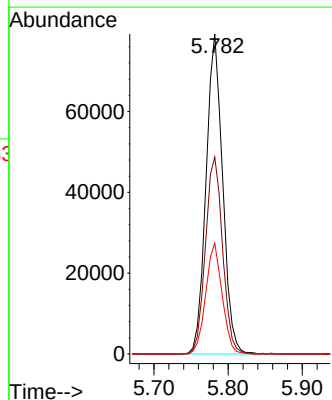
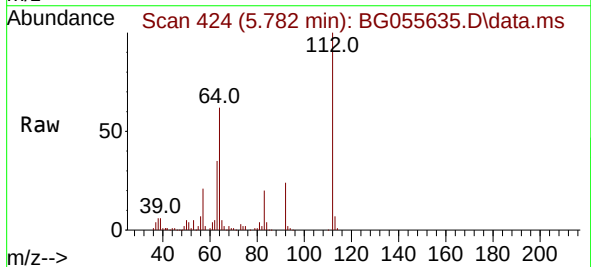
Instrument :
BNA_G
ClientSampleId :
20221176-COMP-11-MODIFIED-ELUTRIATE

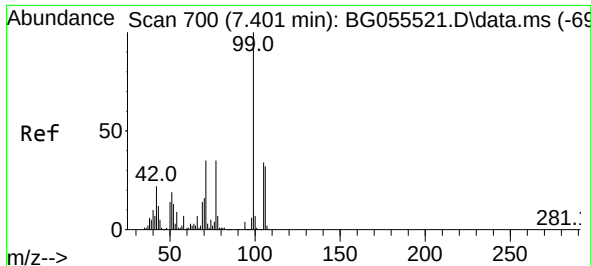
Tgt Ion:152 Resp: 38561
Ion Ratio Lower Upper
152 100
150 154.6 121.0 181.4
115 64.6 47.8 71.8



#5
2-Fluorophenol
Concen: 60.819 ng
RT: 5.782 min Scan# 424
Delta R.T. 0.001 min
Lab File: BG055635.D
Acq: 15 Nov 2022 23:54

Tgt Ion:112 Resp: 123128
Ion Ratio Lower Upper
112 100
64 61.5 52.6 78.8
63 34.6 28.3 42.5

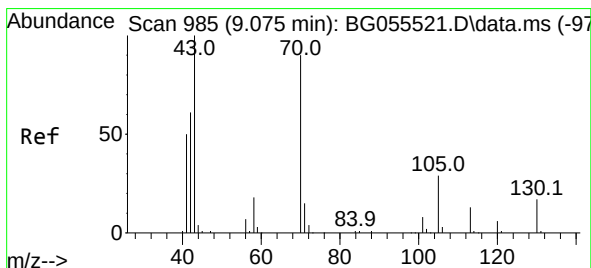
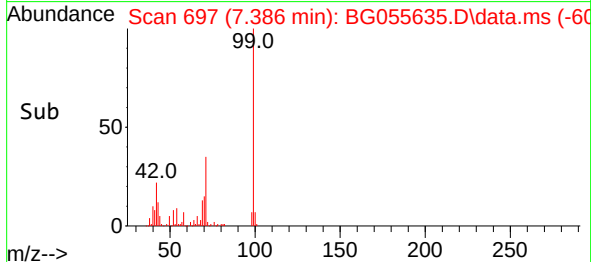
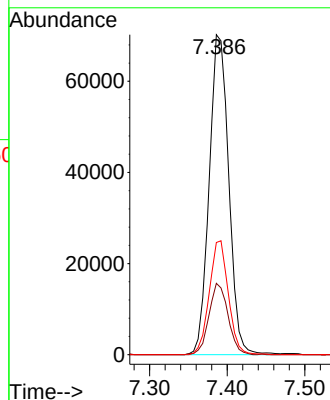
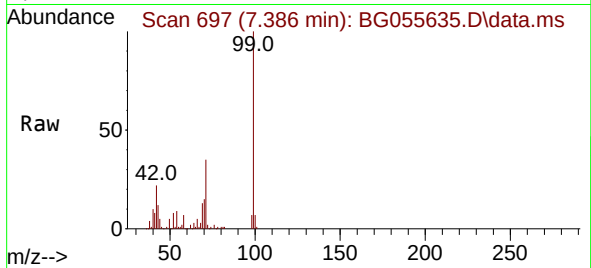




#7
Phenol-d6
Concen: 44.043 ng
RT: 7.386 min Scan# 61
Delta R.T. -0.011 min
Lab File: BG055635.D
Acq: 15 Nov 2022 23:54

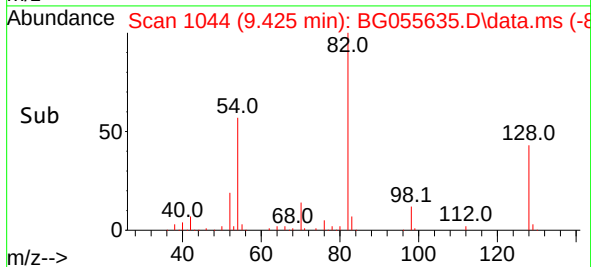
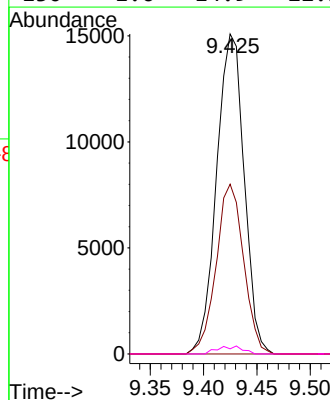
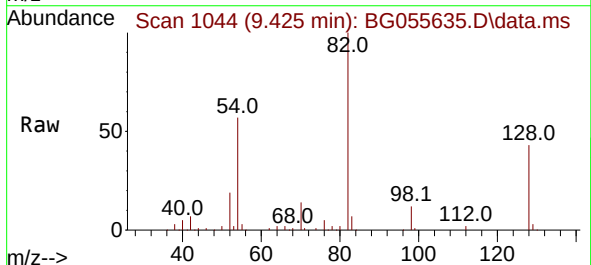
Instrument :
BNA_G
ClientSampleId :
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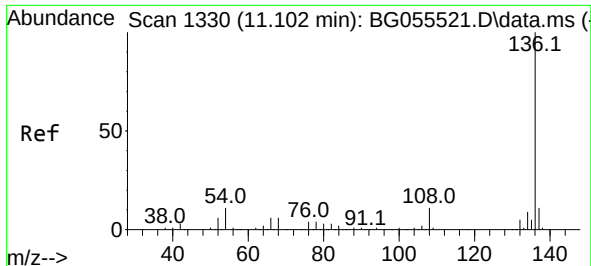
Tgt Ion: 99 Resp: 123167
Ion Ratio Lower Upper
99 100
42 22.3 17.5 26.3
71 35.0 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.702 ng
RT: 9.425 min Scan# 1044
Delta R.T. 0.359 min
Lab File: BG055635.D
Acq: 15 Nov 2022 23:54

Tgt Ion: 70 Resp: 27044
Ion Ratio Lower Upper
70 100
42 53.1 54.8 82.2#
101 0.0 6.8 10.2#
130 1.6 14.9 22.3#

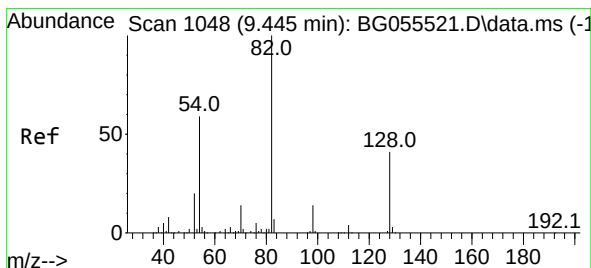
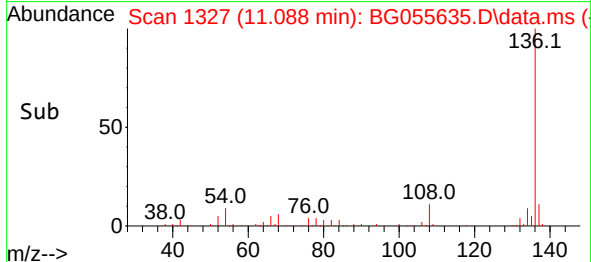
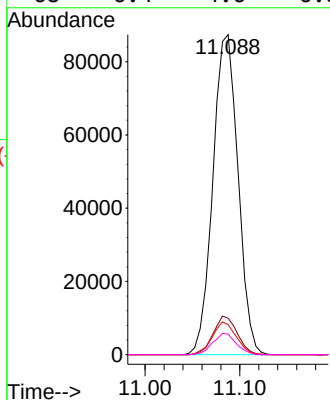
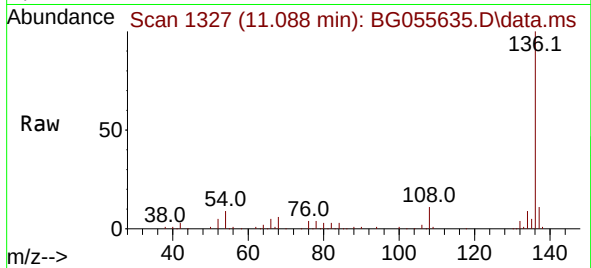




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.088 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG055635.D
Acq: 15 Nov 2022 23:54

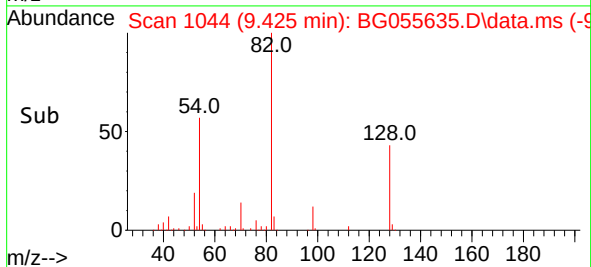
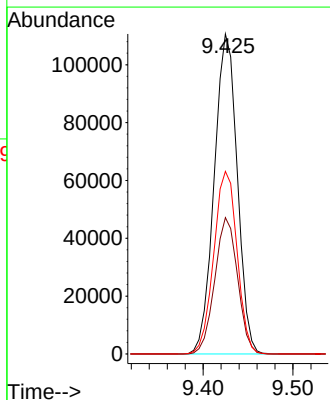
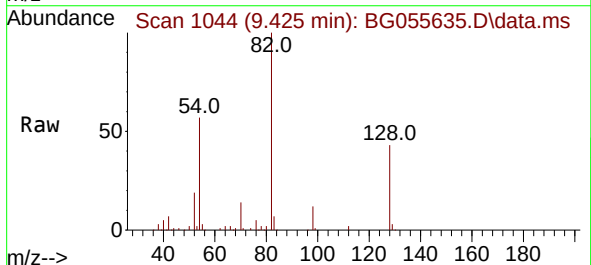
Instrument :
BNA_G
ClientSampleId :
20221176-COMP-11-MODIFIED-ELUTRIATE

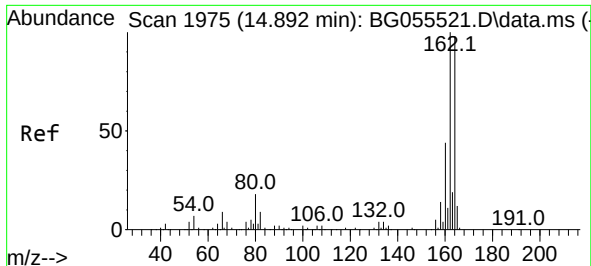
Tgt Ion:	136	Resp:	160984
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	9.4	8.6	12.8
68	6.4	4.6	6.8



#23
Nitrobenzene-d5
Concen: 82.947 ng
RT: 9.425 min Scan# 1044
Delta R.T. -0.005 min
Lab File: BG055635.D
Acq: 15 Nov 2022 23:54

Tgt Ion:	82	Resp:	196972
Ion	Ratio	Lower	Upper
82	100		
128	42.6	32.6	49.0
54	57.1	47.3	70.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.877 min Scan# 1975

Delta R.T. -0.005 min

Lab File: BG055635.D

Acq: 15 Nov 2022 23:54

Instrument :

BNA_G

ClientSampleId :

20221176-COMP-11-MODIFIED-ELUTRIATE

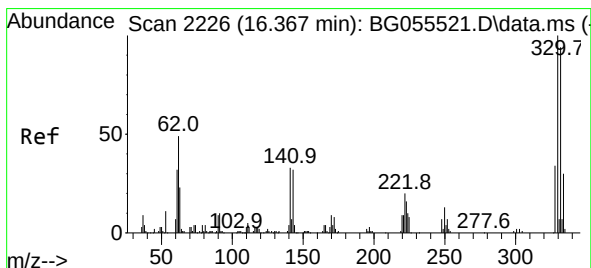
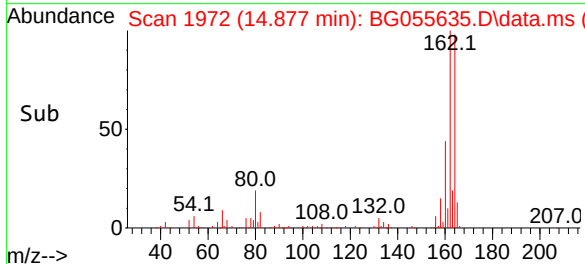
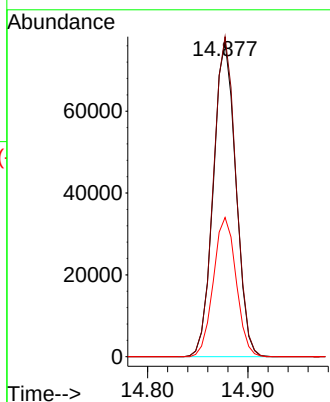
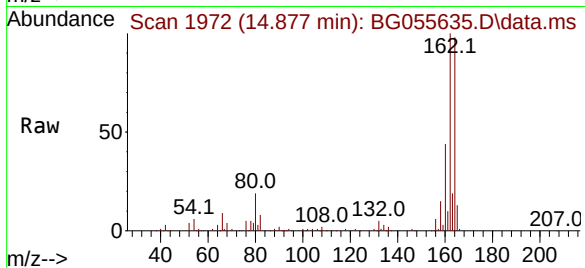
Tgt Ion:164 Resp: 119625

Ion Ratio Lower Upper

164 100

162 101.6 81.3 121.9

160 44.2 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 159.137 ng

RT: 16.358 min Scan# 2224

Delta R.T. -0.005 min

Lab File: BG055635.D

Acq: 15 Nov 2022 23:54

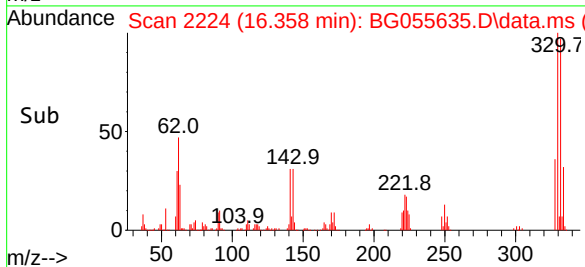
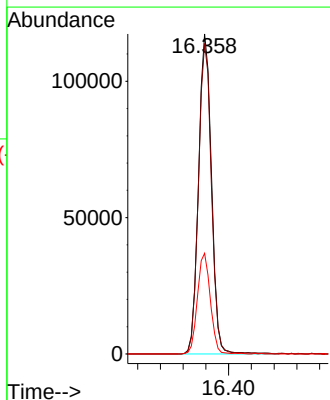
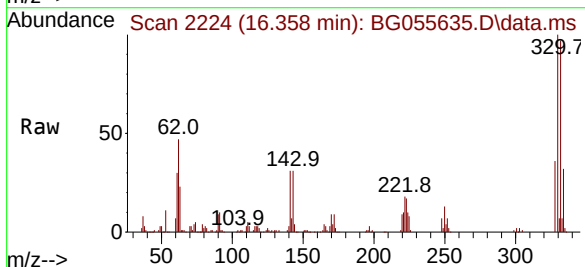
Tgt Ion:330 Resp: 185743

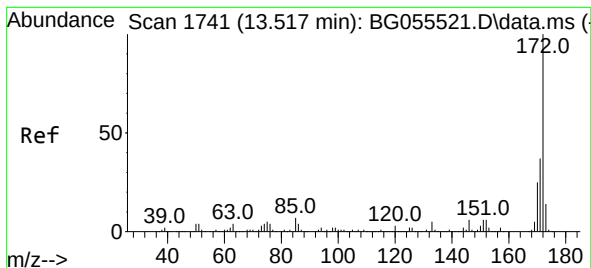
Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

141 31.4 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 61.338 ng

RT: 13.502 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG055635.D

Acq: 15 Nov 2022 23:54

Instrument :

BNA_G

ClientSampleId :

20221176-COMP-11-MODIFIED-ELUTRIATE

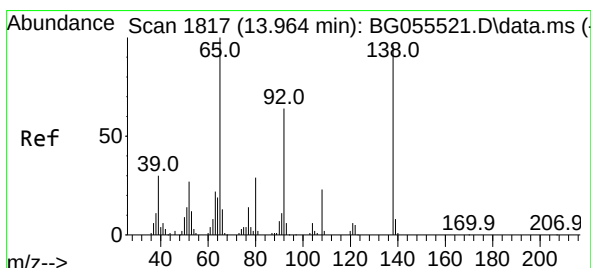
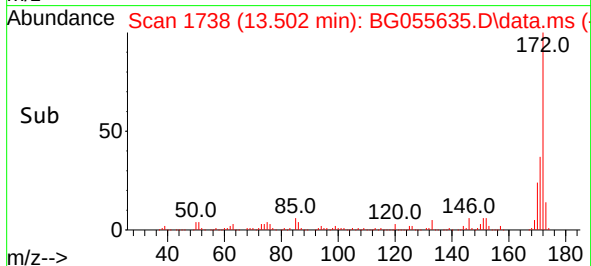
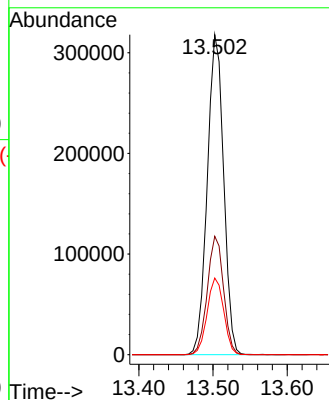
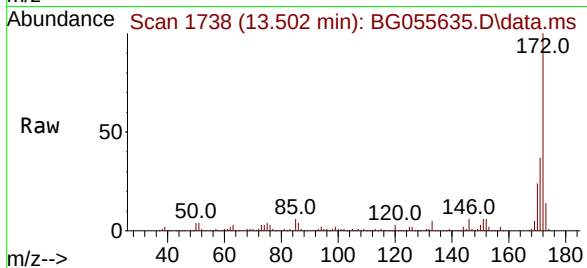
Tgt Ion:172 Resp: 486445

Ion Ratio Lower Upper

172 100

171 37.0 29.7 44.5

170 23.9 19.8 29.6



#48

2-Nitroaniline

Concen: 4.195 ng

RT: 13.508 min Scan# 1739

Delta R.T. -0.452 min

Lab File: BG055635.D

Acq: 15 Nov 2022 23:54

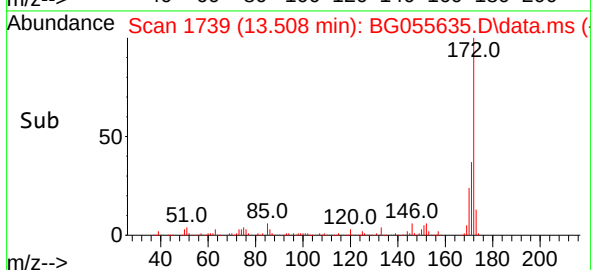
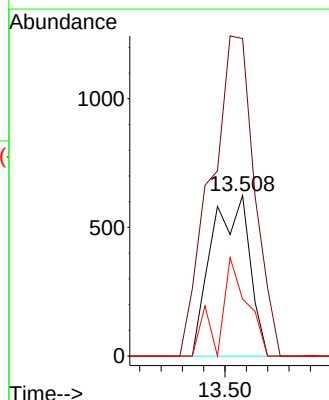
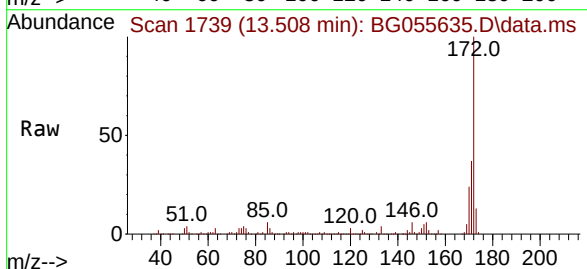
Tgt Ion: 65 Resp: 772

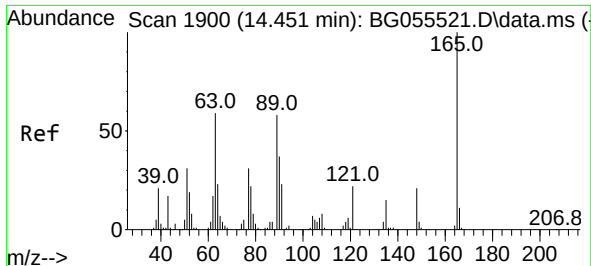
Ion Ratio Lower Upper

65 100

92 197.8 51.6 77.4#

138 35.4 77.0 115.4#

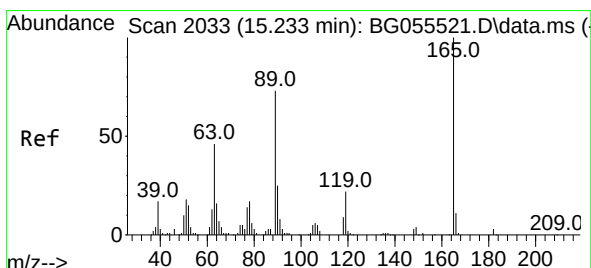
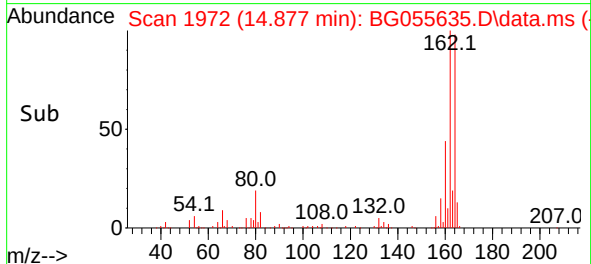
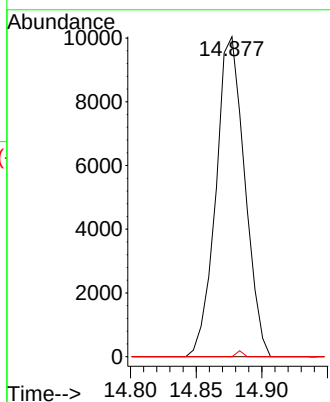
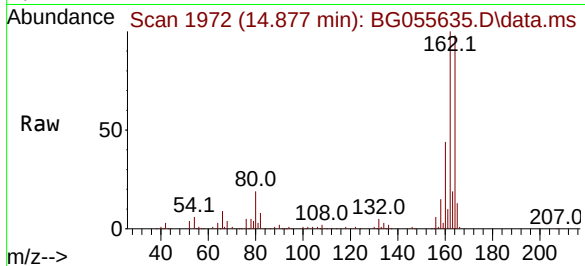




#51
2,6-Dinitrotoluene
Concen: 12.116 ng
RT: 14.877 min Scan# 1900
Delta R.T. 0.430 min
Lab File: BG055635.D
Acq: 15 Nov 2022 23:54

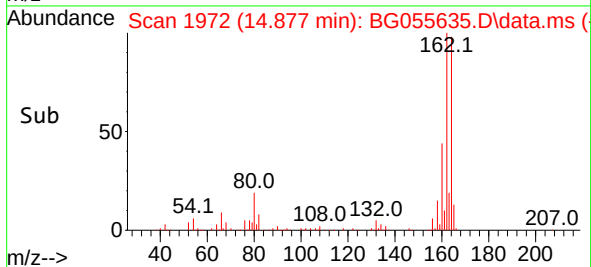
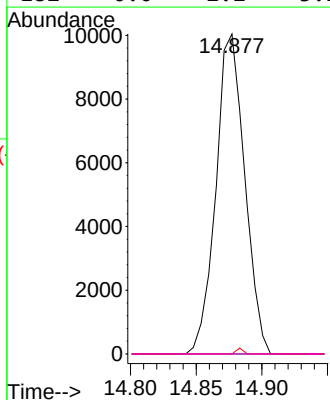
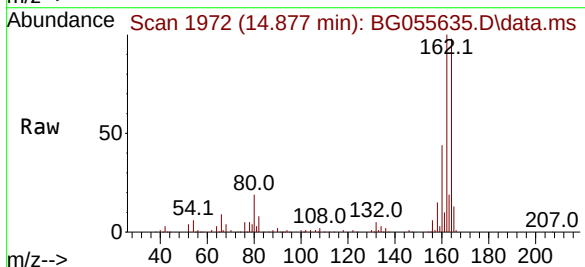
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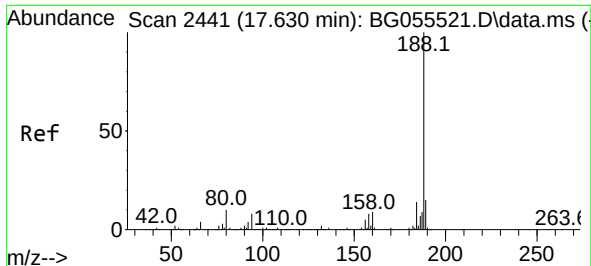
Tgt Ion:165 Resp: 15330
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 0.0 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 10.338 ng
RT: 14.877 min Scan# 1972
Delta R.T. -0.352 min
Lab File: BG055635.D
Acq: 15 Nov 2022 23:54

Tgt Ion:165 Resp: 15330
Ion Ratio Lower Upper
165 100
63 0.0 37.0 55.4#
89 0.0 58.6 87.8#
182 0.0 2.2 3.2#

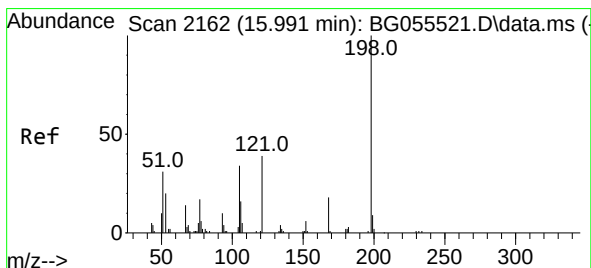
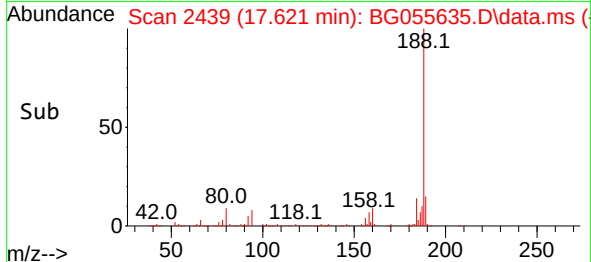
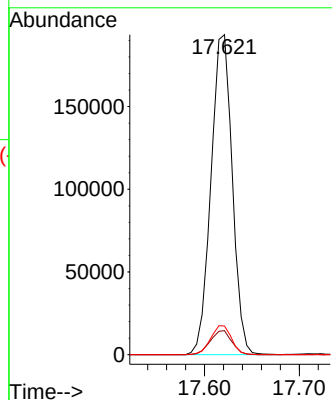
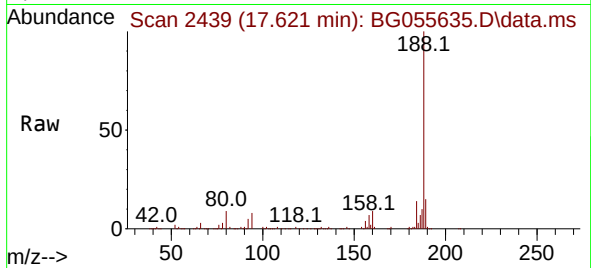




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.621 min Scan# 2441
Delta R.T. 0.001 min
Lab File: BG055635.D
Acq: 15 Nov 2022 23:54

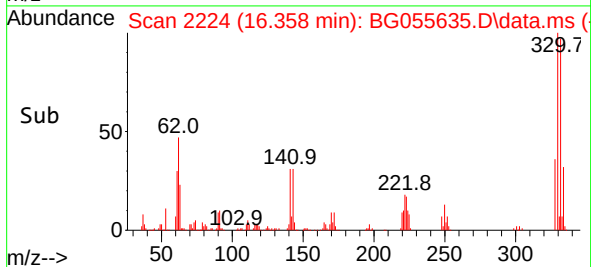
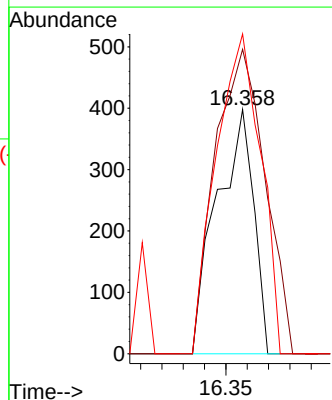
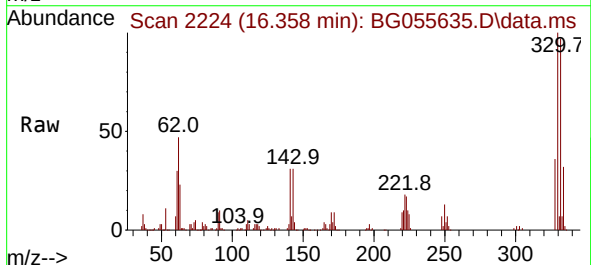
Instrument :
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20221176-COMP-11-MODIFIED-ELUTRIATE

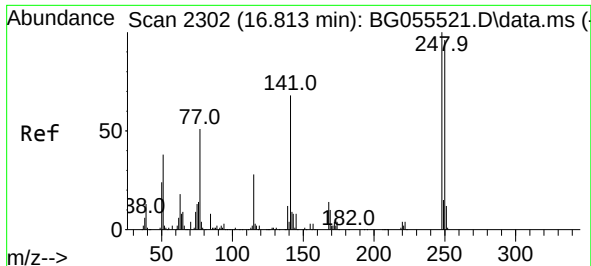
Tgt Ion:188 Resp: 302121
Ion Ratio Lower Upper
188 100
94 7.5 6.4 9.6
80 9.0 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 2.545 ng
RT: 16.358 min Scan# 2224
Delta R.T. 0.365 min
Lab File: BG055635.D
Acq: 15 Nov 2022 23:54

Tgt Ion:198 Resp: 476
Ion Ratio Lower Upper
198 100
51 124.6 24.7 64.7#
105 130.9 17.6 57.6#

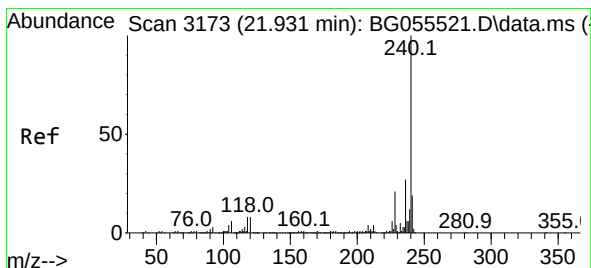
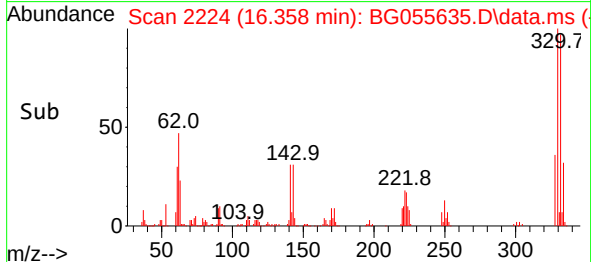
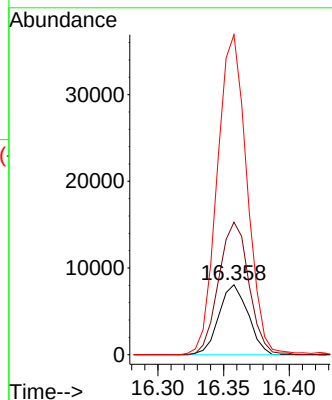
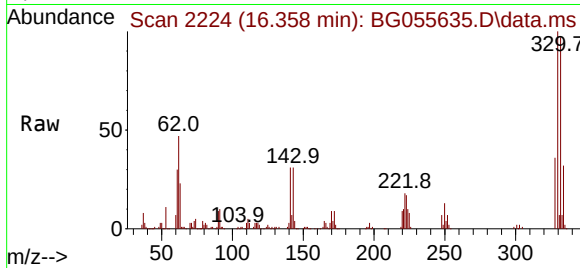




#67
4-Bromophenyl-phenylether
Concen: 4.040 ng
RT: 16.358 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG055635.D
Acq: 15 Nov 2022 23:54

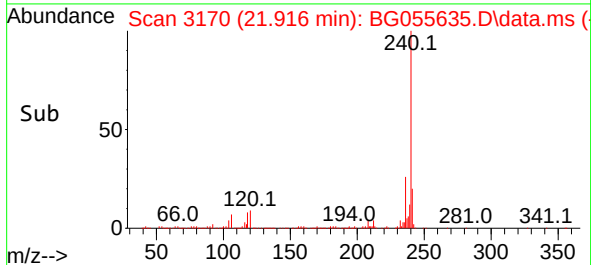
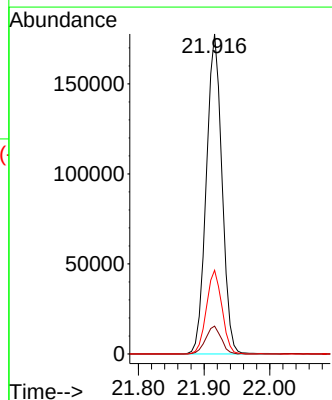
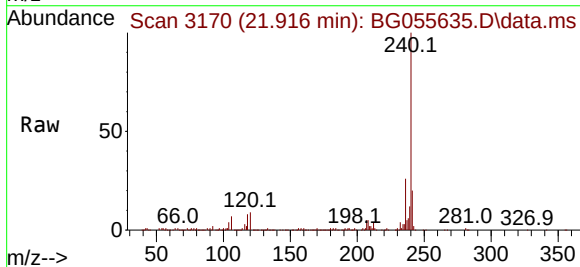
Instrument :
BNA_G
ClientSampleId :
20221176-COMP-11-MODIFIED-ELUTRIATE

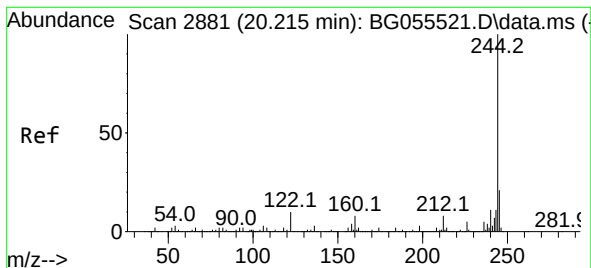
Tgt Ion:248 Resp: 12453
Ion Ratio Lower Upper
248 100
250 189.6 76.9 115.3#
141 458.0 54.3 81.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.916 min Scan# 3170
Delta R.T. -0.005 min
Lab File: BG055635.D
Acq: 15 Nov 2022 23:54

Tgt Ion:240 Resp: 294625
Ion Ratio Lower Upper
240 100
120 8.7 6.1 9.1
236 26.2 21.4 32.0





#79

Terphenyl-d14

Concen: 65.844 ng

RT: 20.206 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG055635.D

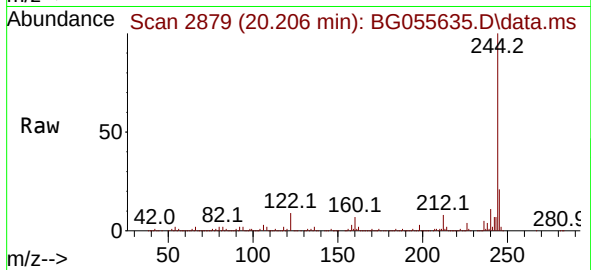
Acq: 15 Nov 2022 23:54

Instrument :

BNA_G

ClientSampleId :

20221176-COMP-11-MODIFIED-ELUTRIATE



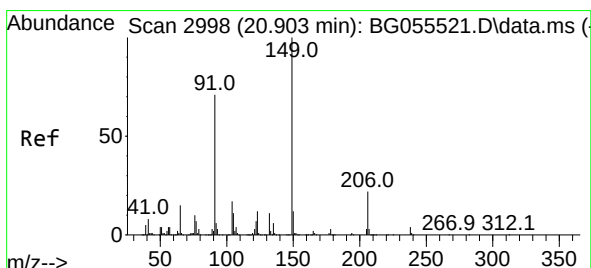
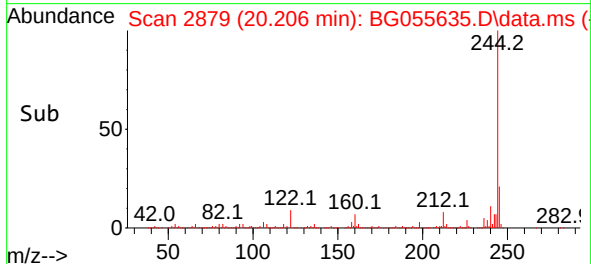
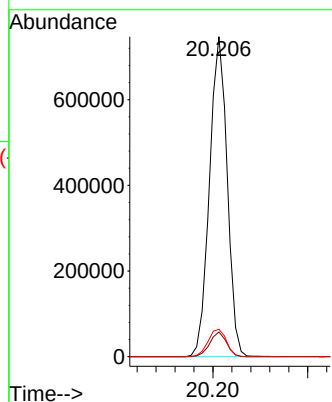
Tgt Ion:244 Resp: 965831

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

122 8.6 7.7 11.5



#80

Butylbenzylphthalate

Concen: 3.467 ng

RT: 20.882 min Scan# 2994

Delta R.T. -0.011 min

Lab File: BG055635.D

Acq: 15 Nov 2022 23:54

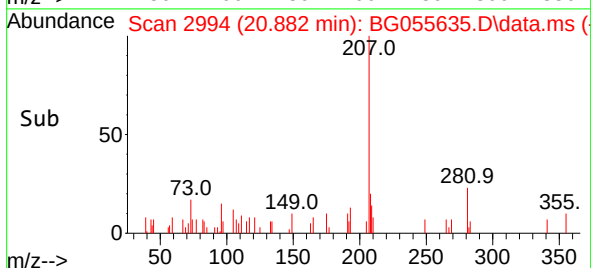
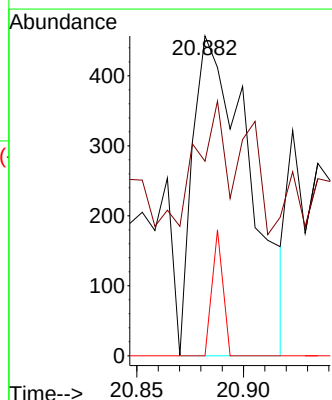
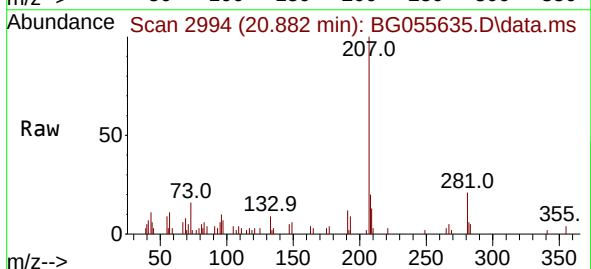
Tgt Ion:149 Resp: 841

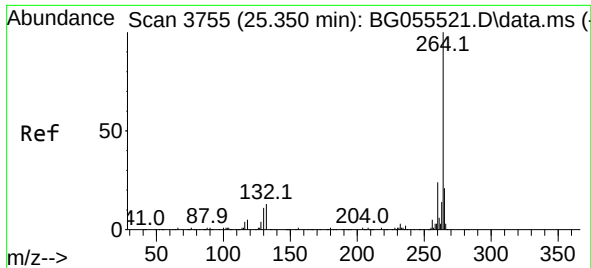
Ion Ratio Lower Upper

149 100

91 60.8 56.8 85.2

206 0.0 17.3 25.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.330 min Scan# 31
 Delta R.T. -0.005 min
 Lab File: BG055635.D
 Acq: 15 Nov 2022 23:54

Instrument :
 BNA_G
 ClientSampleId :
 20221176-COMP-11-MODIFIED-ELUTRIATE

Tgt Ion:264 Resp: 304256
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.3 17.1 25.7

