

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111522\
 Data File : BG055632.D
 Acq On : 15 Nov 2022 21:50
 Operator : CG/JU
 Sample : N5431-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DISSOLVED-20221178-COMP-13-MODIFIED-ELUTRIATE

Quant Time: Nov 16 01:46:13 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)

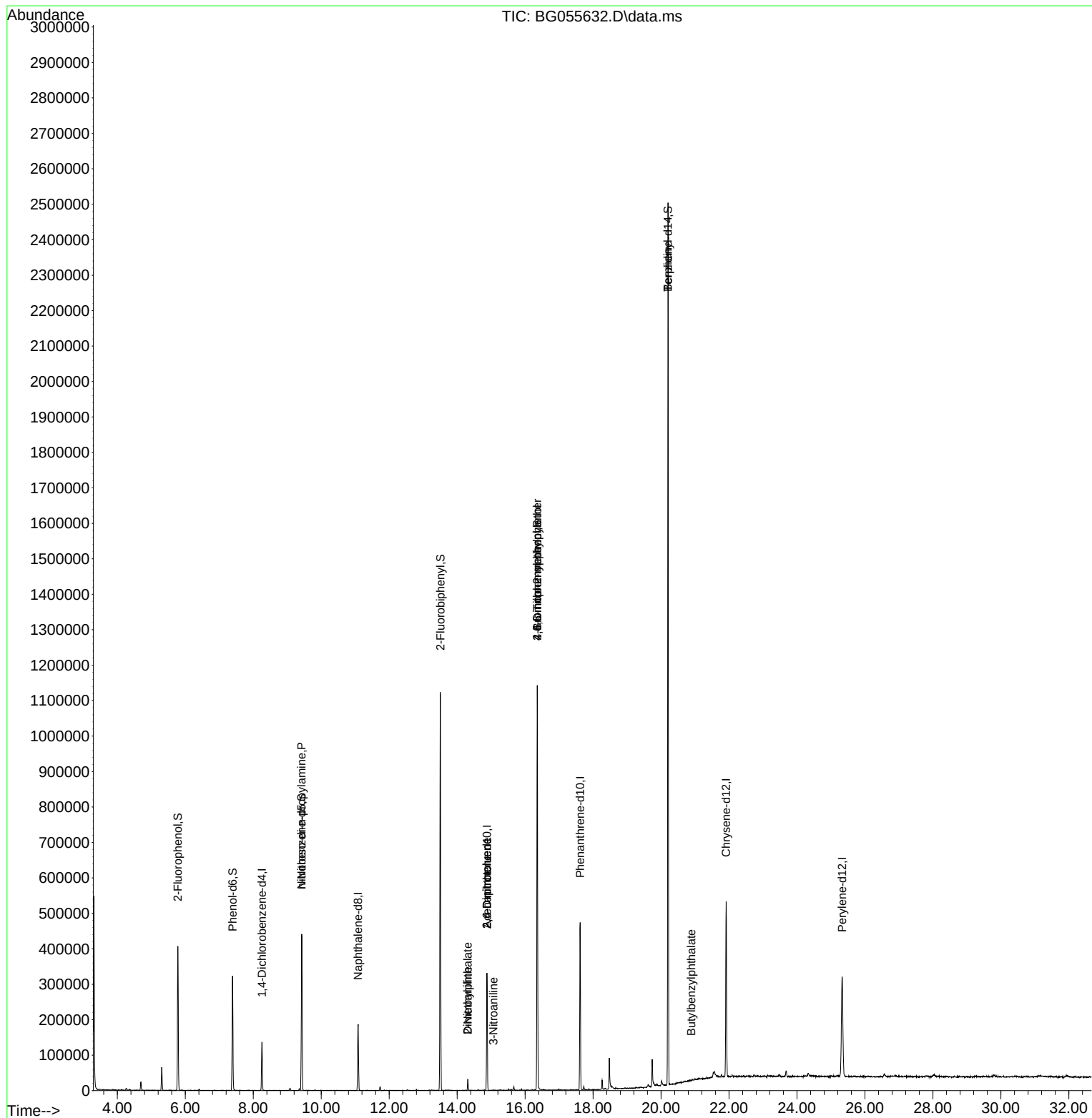
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.255	152	39725	20.000	ng	0.00
21) Naphthalene-d8	11.086	136	161853	20.000	ng	0.00
39) Acenaphthene-d10	14.876	164	117720	20.000	ng	0.00
64) Phenanthrene-d10	17.620	188	306681	20.000	ng	0.00
76) Chrysene-d12	21.915	240	313313	20.000	ng	0.00
86) Perylene-d12	25.329	264	322768	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.781	112	175639	84.215	ng	0.00
7) Phenol-d6	7.391	99	179062	62.155	ng	0.00
23) Nitrobenzene-d5	9.424	82	264443	110.761	ng	0.00
42) 2,4,6-Tribromophenol	16.357	330	232446	202.373	ng	0.00
45) 2-Fluorobiphenyl	13.507	172	602730	77.230	ng	0.00
79) Terphenyl-d14	20.205	244	1227971	78.722	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.424	70	35161	14.768	ng	# 75
48) 2-Nitroaniline	14.312	65	66	3.822	ng	# 1
50) Dimethylphthalate	14.312	163	21592	2.414	ng	99
51) 2,6-Dinitrotoluene	14.876	165	15768	12.522	ng	# 20
53) 3-Nitroaniline	15.070	138	60	3.808	ng	# 1
57) 2,4-Dinitrotoluene	14.876	165	15768	10.642	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.357	198	795	2.971	ng	# 1
67) 4-Bromophenyl-phenylether	16.357	248	15661	5.006	ng	# 1
77) Benzidine	20.205	184	19412	2.290	ng	# 91
80) Butylbenzylphthalate	20.887	149	845	3.462	ng	# 71

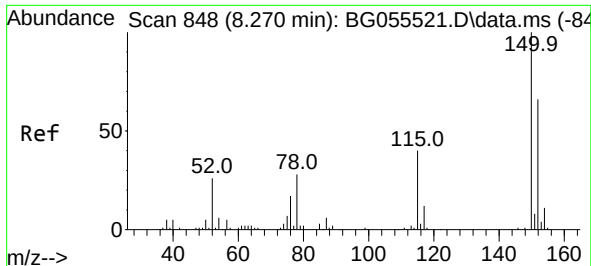
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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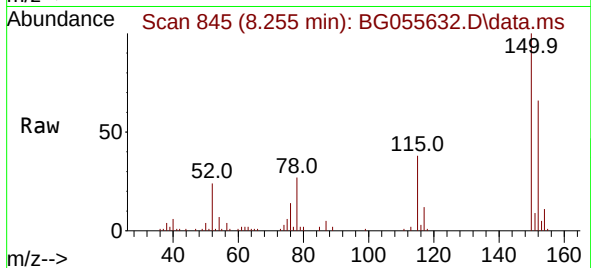
Quant Time: Nov 16 01:46:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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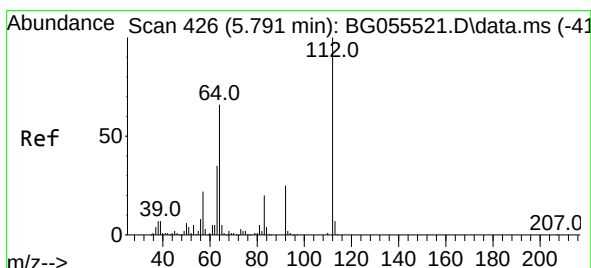
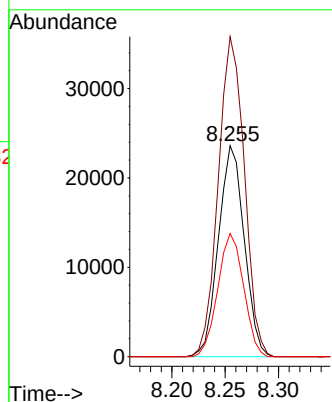
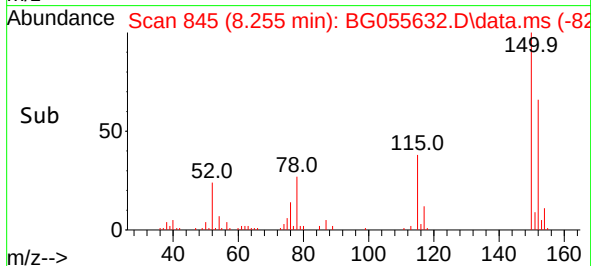


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.255 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055632.D
Acq: 15 Nov 2022 21:50

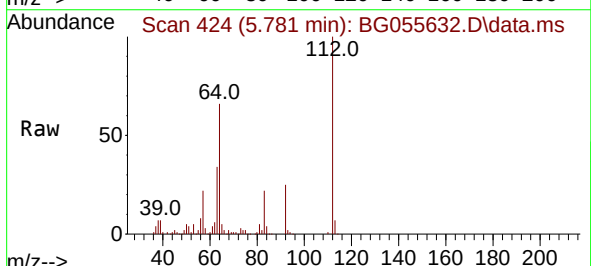
Instrument :
BNA_G
ClientSampleId :
DISSOLVED-20221178-COMP-13-MODIFIED-ELUTRIATE



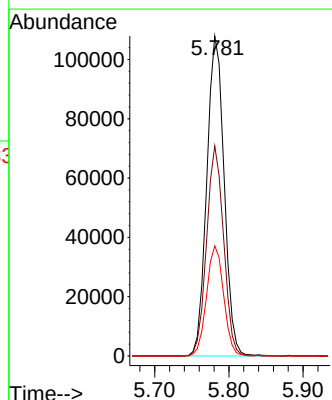
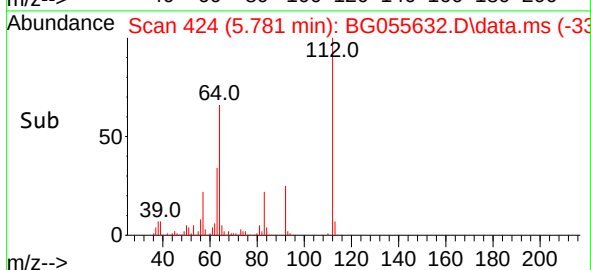
Tgt Ion:152 Resp: 39725
Ion Ratio Lower Upper
152 100
150 151.7 121.0 181.4
115 58.4 47.8 71.8

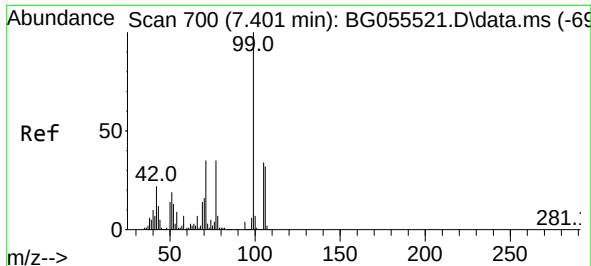


#5
2-Fluorophenol
Concen: 84.215 ng
RT: 5.781 min Scan# 424
Delta R.T. -0.000 min
Lab File: BG055632.D
Acq: 15 Nov 2022 21:50



Tgt Ion:112 Resp: 175639
Ion Ratio Lower Upper
112 100
64 65.6 52.6 78.8
63 34.4 28.3 42.5

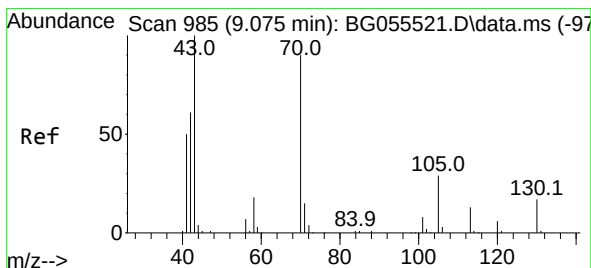
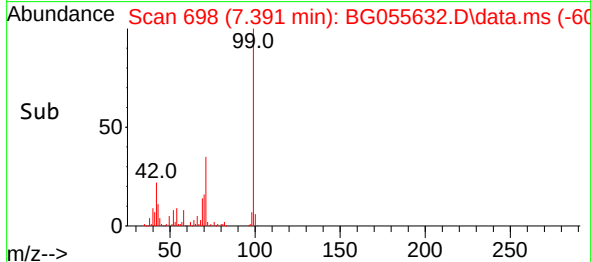
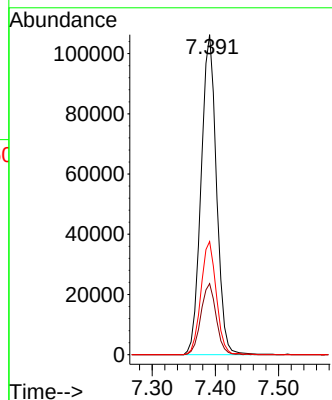
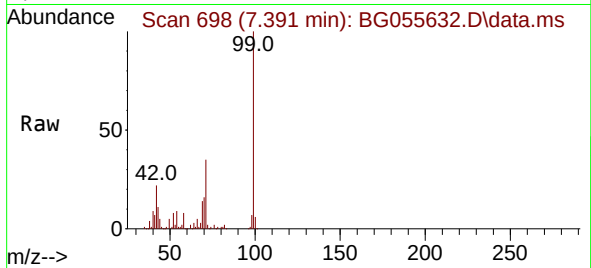




#7
Phenol-d6
Concen: 62.155 ng
RT: 7.391 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG055632.D
Acq: 15 Nov 2022 21:50

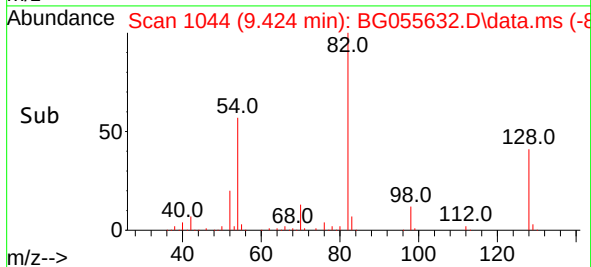
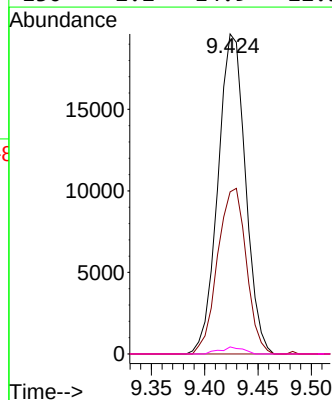
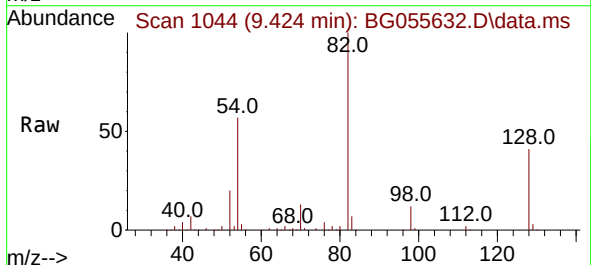
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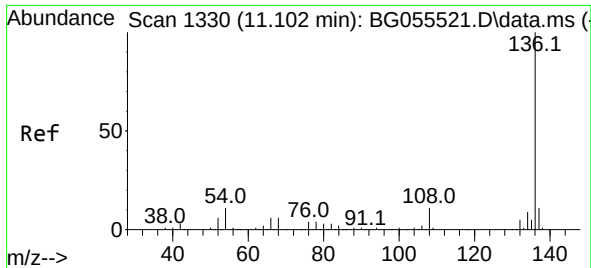
Tgt Ion: 99 Resp: 179062
Ion Ratio Lower Upper
99 100
42 22.2 17.5 26.3
71 35.3 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 14.768 ng
RT: 9.424 min Scan# 1044
Delta R.T. 0.358 min
Lab File: BG055632.D
Acq: 15 Nov 2022 21:50

Tgt Ion: 70 Resp: 35161
Ion Ratio Lower Upper
70 100
42 50.6 54.8 82.2#
101 0.0 6.8 10.2#
130 2.2 14.9 22.3#

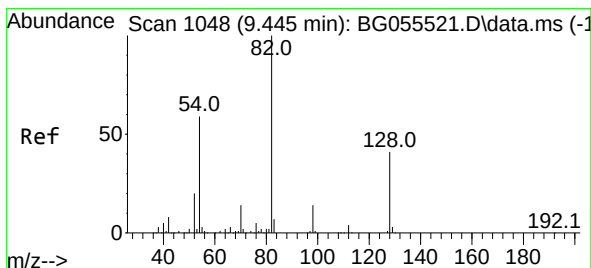
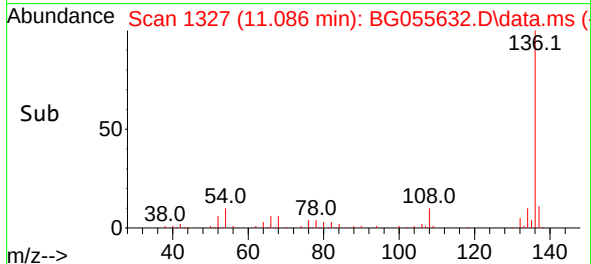
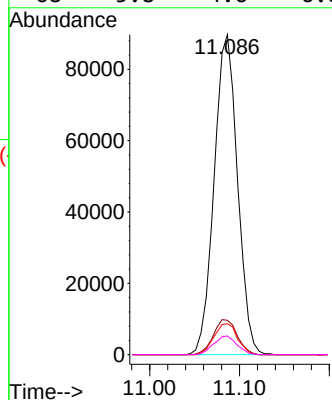
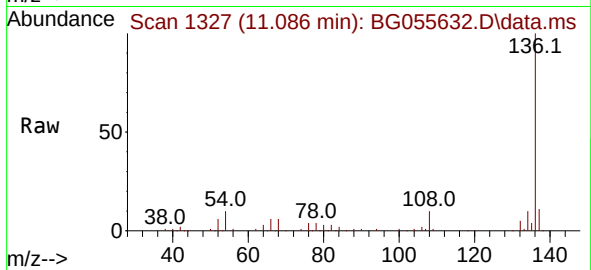




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055632.D
Acq: 15 Nov 2022 21:50

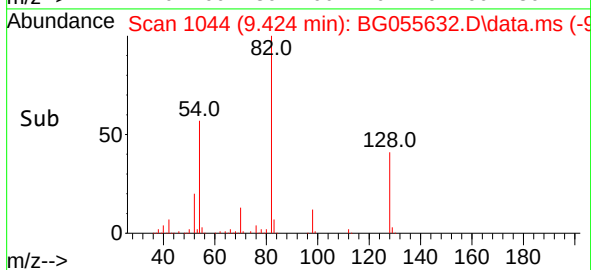
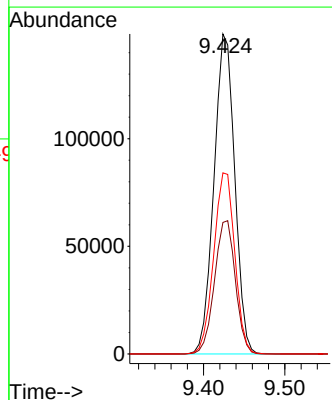
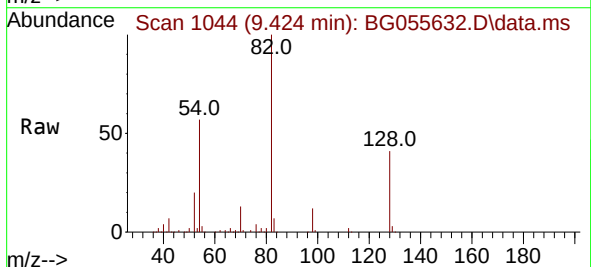
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221178-COMP-13-MODIFIED-ELUTRIATE

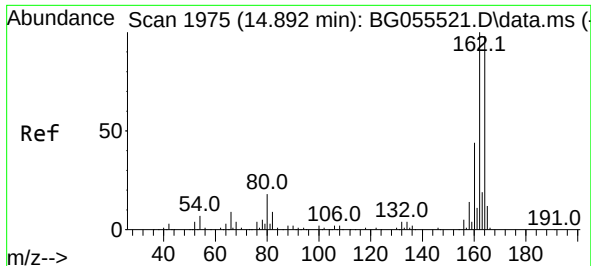
Tgt Ion:	136	Resp:	161853
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	12.8
54	9.6	8.6	12.8
68	5.8	4.6	6.8



#23
Nitrobenzene-d5
Concen: 110.761 ng
RT: 9.424 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BG055632.D
Acq: 15 Nov 2022 21:50

Tgt Ion:	82	Resp:	264443
Ion Ratio	Lower	Upper	
82	100		
128	41.1	32.6	49.0
54	56.6	47.3	70.9

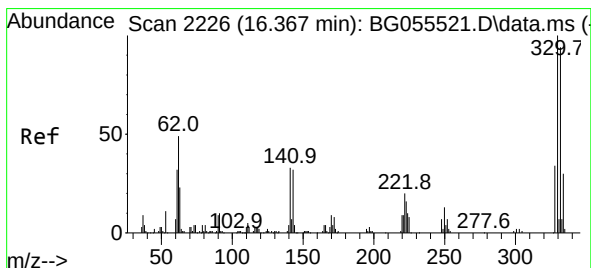
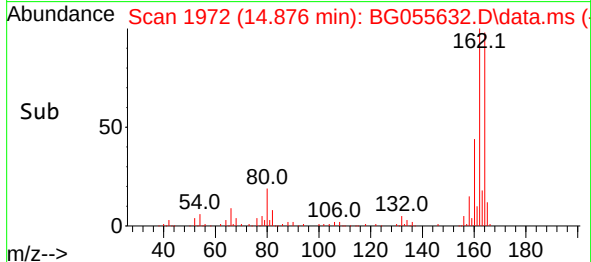
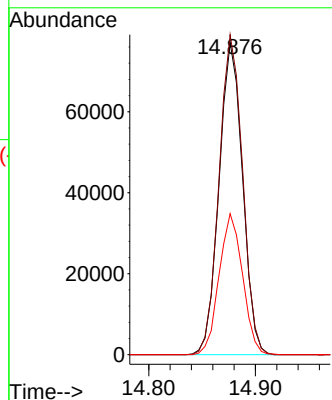
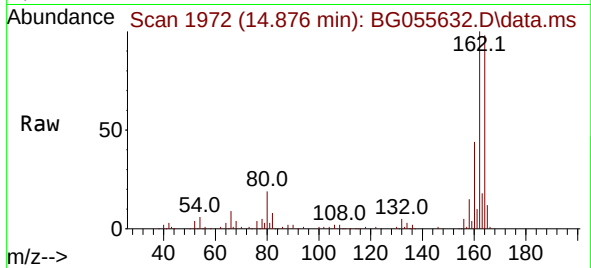




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.876 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BG055632.D
Acq: 15 Nov 2022 21:50

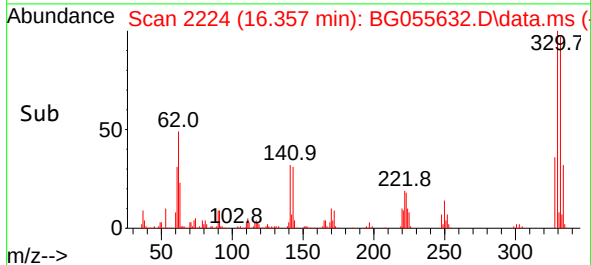
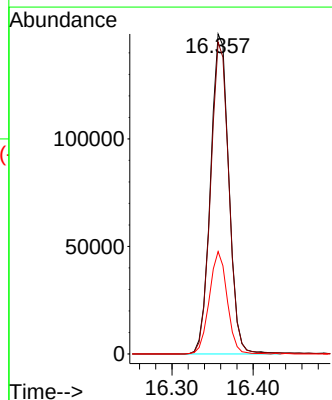
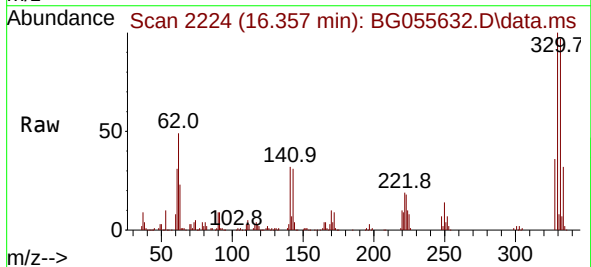
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221178-COMP-13-MODIFIED-ELUTRIATE

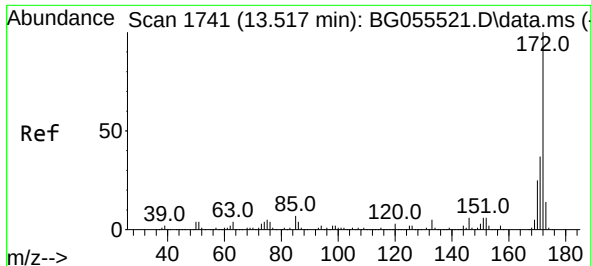
Tgt Ion:164 Resp: 117720
Ion Ratio Lower Upper
164 100
162 102.5 81.3 121.9
160 45.2 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 202.373 ng
RT: 16.357 min Scan# 2224
Delta R.T. -0.006 min
Lab File: BG055632.D
Acq: 15 Nov 2022 21:50

Tgt Ion:330 Resp: 232446
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.2
141 31.2 25.4 38.2

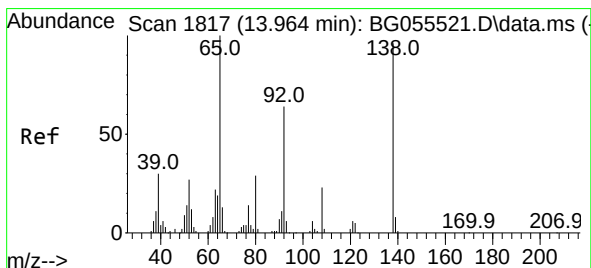
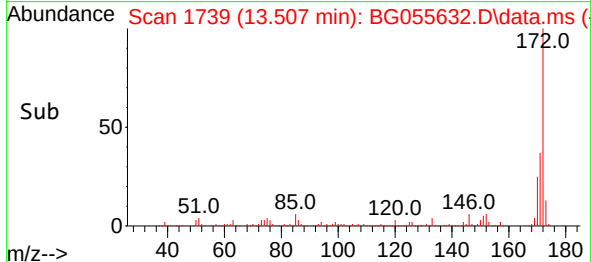
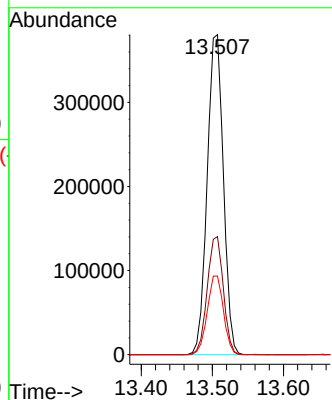
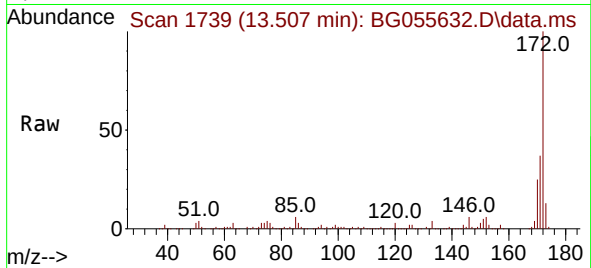




#45
2-Fluorobiphenyl
Concen: 77.230 ng
RT: 13.507 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BG055632.D
Acq: 15 Nov 2022 21:50

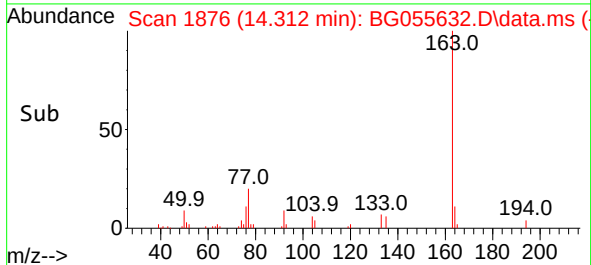
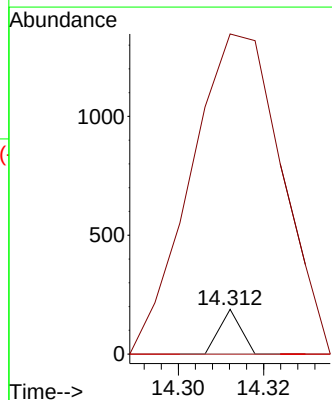
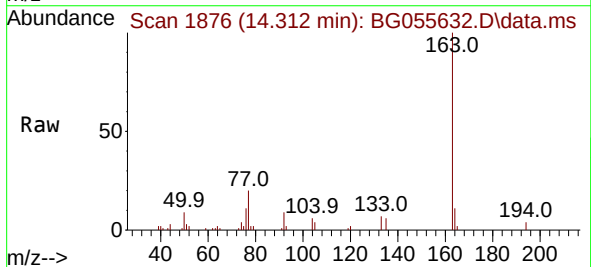
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221178-COMP-13-MODIFIED-ELUTRIATE

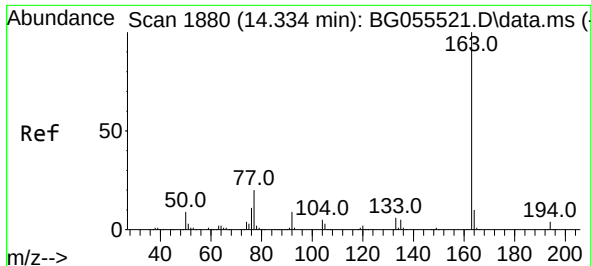
Tgt Ion:172 Resp: 602730
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 24.5 19.8 29.6



#48
2-Nitroaniline
Concen: 3.822 ng
RT: 14.312 min Scan# 1876
Delta R.T. 0.352 min
Lab File: BG055632.D
Acq: 15 Nov 2022 21:50

Tgt Ion: 65 Resp: 66
Ion Ratio Lower Upper
65 100
92 716.5 51.6 77.4#
138 0.0 77.0 115.4#

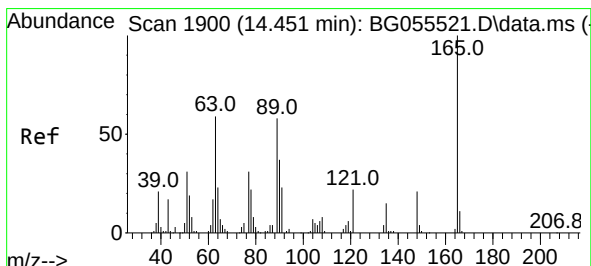
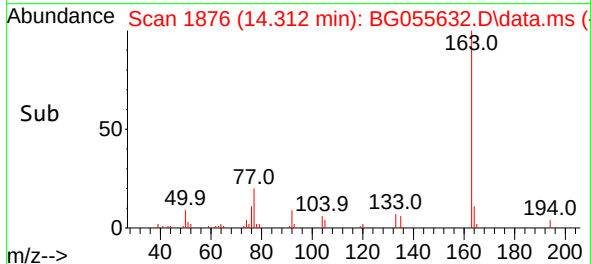
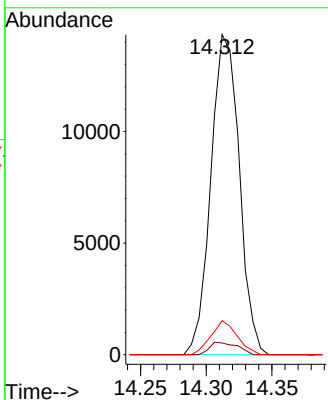
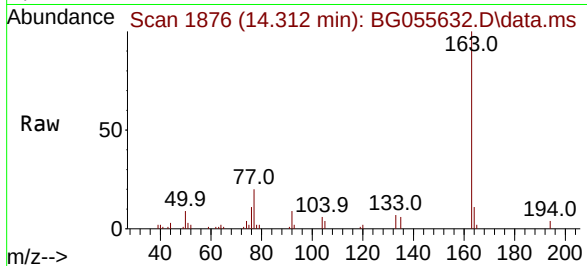




#50
Dimethylphthalate
Concen: 2.414 ng
RT: 14.312 min Scan# 1880
Delta R.T. -0.012 min
Lab File: BG055632.D
Acq: 15 Nov 2022 21:50

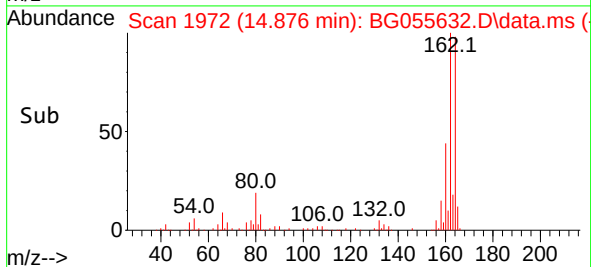
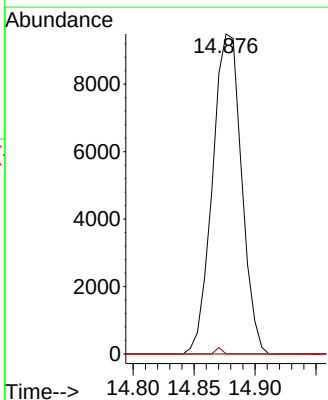
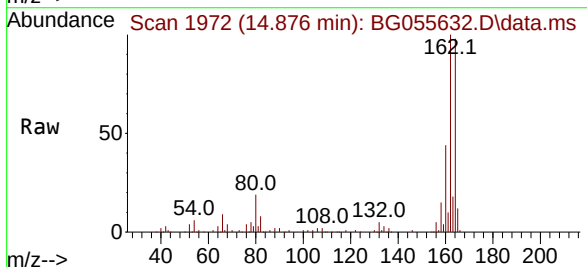
Instrument : BNA_G
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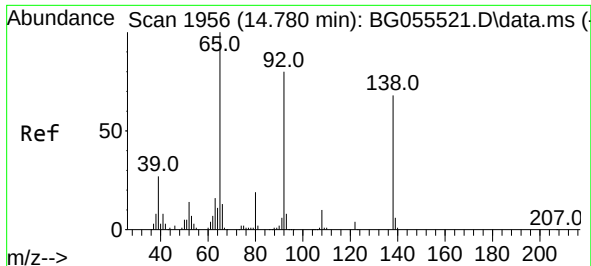
Tgt Ion:163 Resp: 21592
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.7 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 12.522 ng
RT: 14.876 min Scan# 1972
Delta R.T. 0.429 min
Lab File: BG055632.D
Acq: 15 Nov 2022 21:50

Tgt Ion:165 Resp: 15768
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 0.0 46.5 69.7#

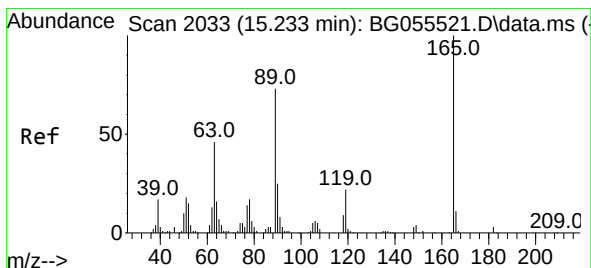
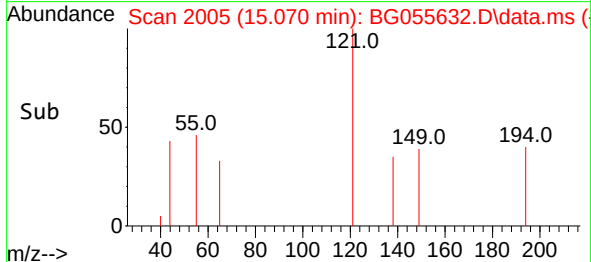
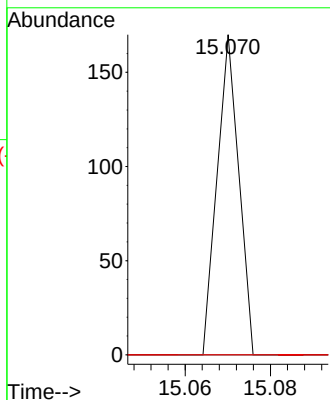
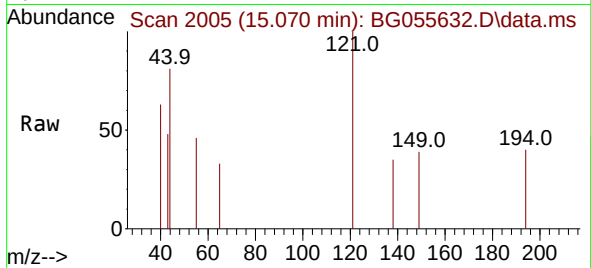




#53
3-Nitroaniline
Concen: 3.808 ng
RT: 15.070 min Scan# 20
Delta R.T. 0.293 min
Lab File: BG055632.D
Acq: 15 Nov 2022 21:50

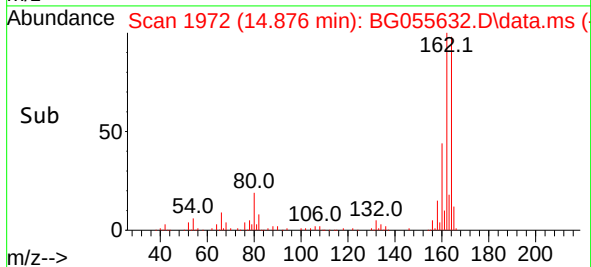
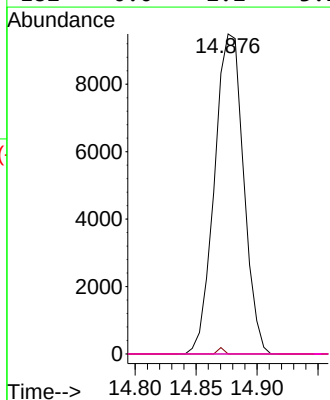
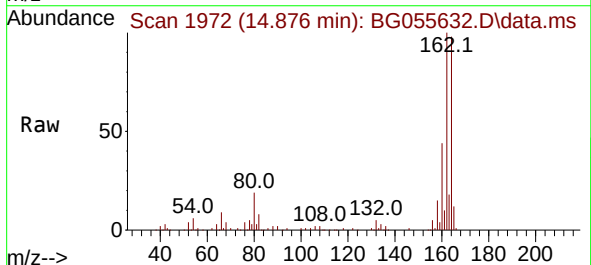
Instrument :
BNA_G
ClientSampleId :
DISSOLVED-20221178-COMP-13-MODIFIED-ELUTRIATE

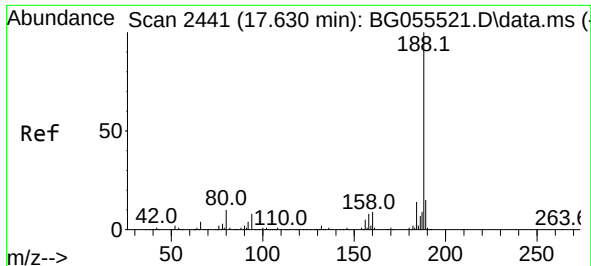
Tgt Ion:138 Resp: 60
Ion Ratio Lower Upper
138 100
108 0.0 11.7 17.5#
92 0.0 94.3 141.5#



#57
2,4-Dinitrotoluene
Concen: 10.642 ng
RT: 14.876 min Scan# 1972
Delta R.T. -0.353 min
Lab File: BG055632.D
Acq: 15 Nov 2022 21:50

Tgt Ion:165 Resp: 15768
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#

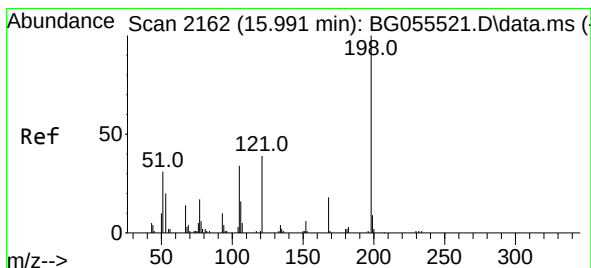
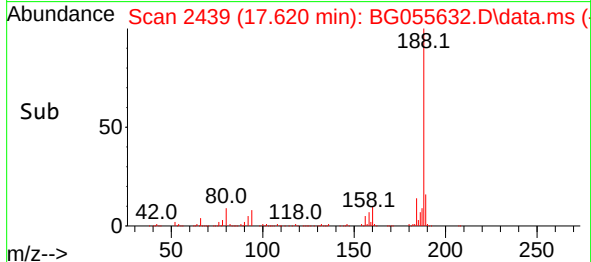
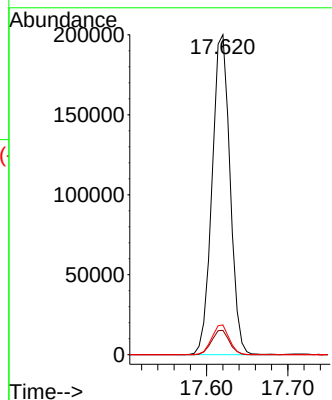
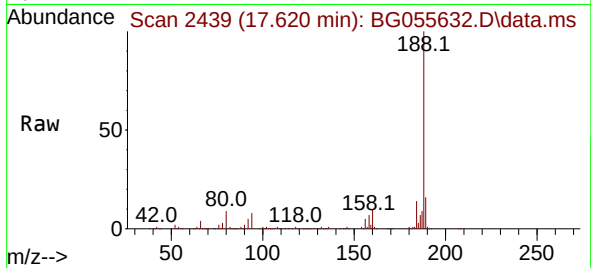




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.620 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BG055632.D
Acq: 15 Nov 2022 21:50

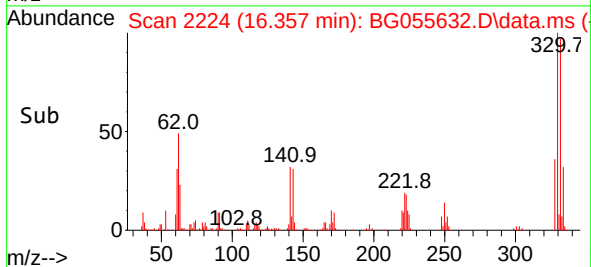
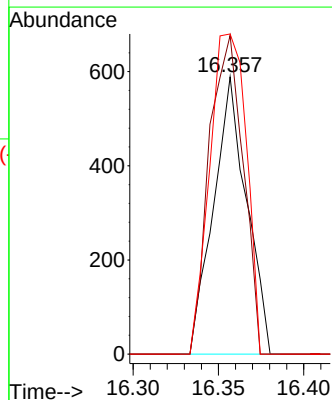
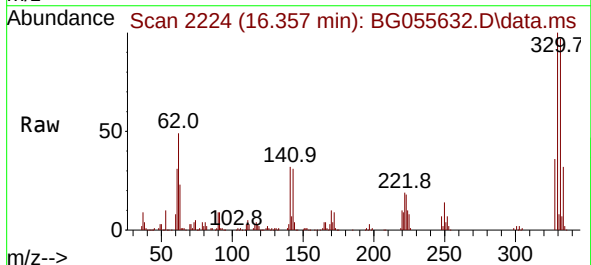
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221178-COMP-13-MODIFIED-ELUTRIATE

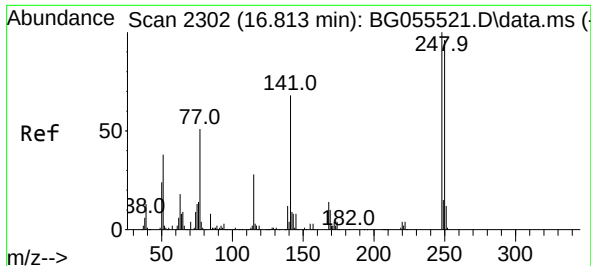
Tgt Ion:188 Resp: 306681
Ion Ratio Lower Upper
188 100
94 7.6 6.4 9.6
80 9.3 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 2.971 ng
RT: 16.357 min Scan# 2224
Delta R.T. 0.364 min
Lab File: BG055632.D
Acq: 15 Nov 2022 21:50

Tgt Ion:198 Resp: 795
Ion Ratio Lower Upper
198 100
51 114.9 24.7 64.7#
105 115.4 17.6 57.6#

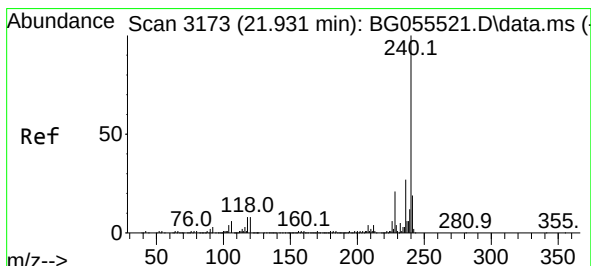
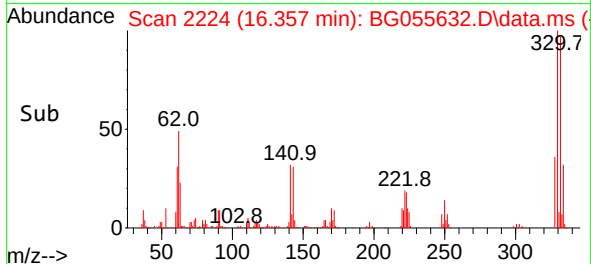
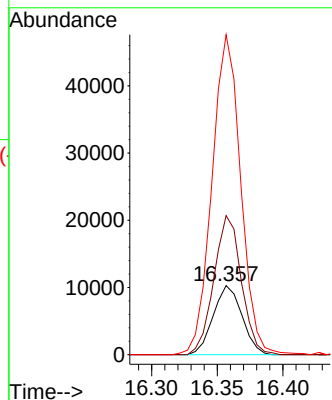
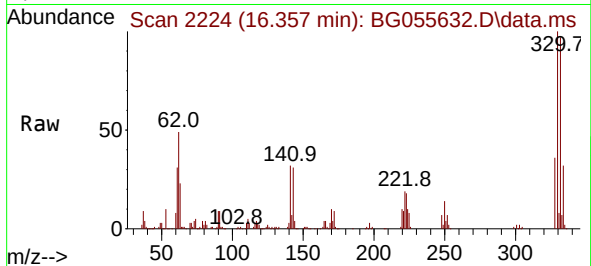




#67
4-Bromophenyl-phenylether
Concen: 5.006 ng
RT: 16.357 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG055632.D
Acq: 15 Nov 2022 21:50

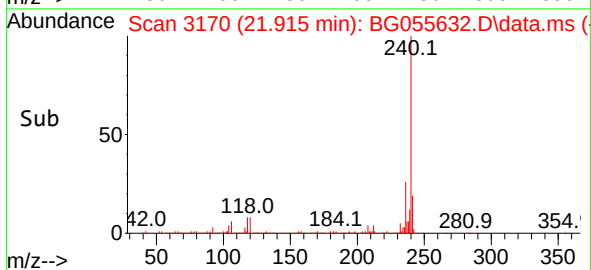
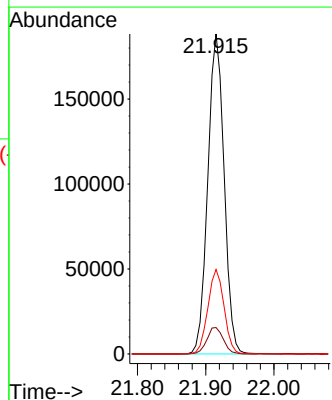
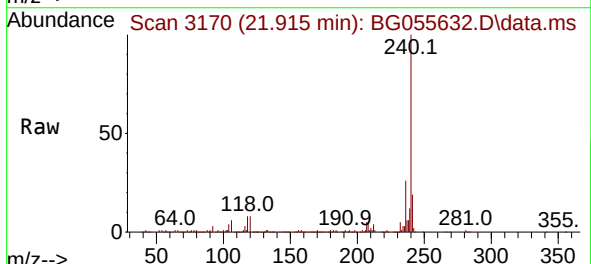
Instrument :
BNA_G
ClientSampleId :
DISSOLVED-20221178-COMP-13-MODIFIED-ELUTRIATE

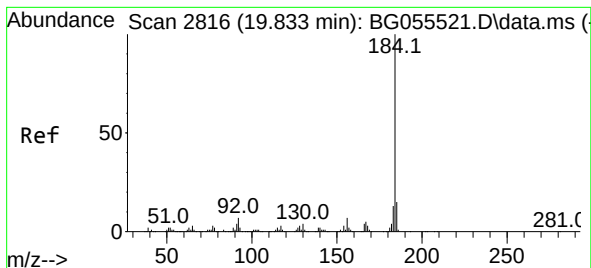
Tgt Ion:248 Resp: 15661
Ion Ratio Lower Upper
248 100
250 200.9 76.9 115.3#
141 462.4 54.3 81.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.915 min Scan# 3170
Delta R.T. -0.006 min
Lab File: BG055632.D
Acq: 15 Nov 2022 21:50

Tgt Ion:240 Resp: 313313
Ion Ratio Lower Upper
240 100
120 8.2 6.1 9.1
236 26.4 21.4 32.0





#77

Benzidine

Concen: 2.290 ng

RT: 20.205 min Scan# 2879

Delta R.T. 0.376 min

Lab File: BG055632.D

Acq: 15 Nov 2022 21:50

Instrument :

BNA_G

ClientSampleId :

DISSOLVED-20221178-COMP-13-MODIFIED-ELUTRIATE

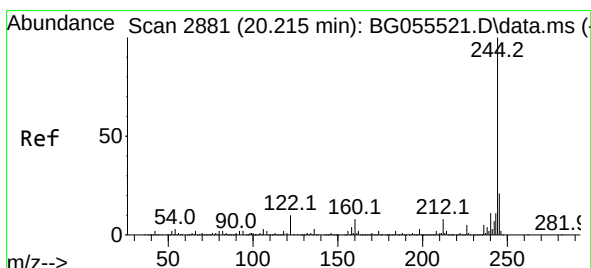
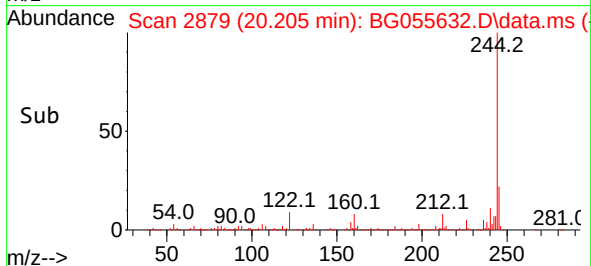
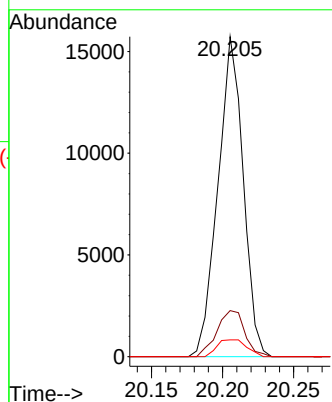
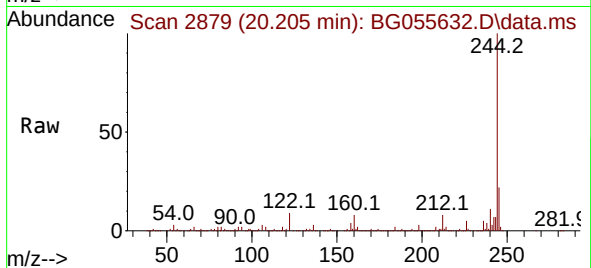
Tgt Ion:184 Resp: 19412

Ion Ratio Lower Upper

184 100

185 14.4 12.0 18.0

183 5.3 10.2 15.2#



#79

Terphenyl-d14

Concen: 78.722 ng

RT: 20.205 min Scan# 2879

Delta R.T. -0.006 min

Lab File: BG055632.D

Acq: 15 Nov 2022 21:50

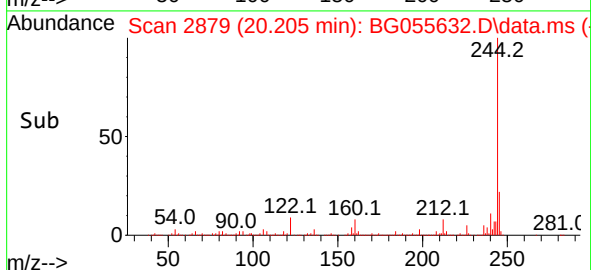
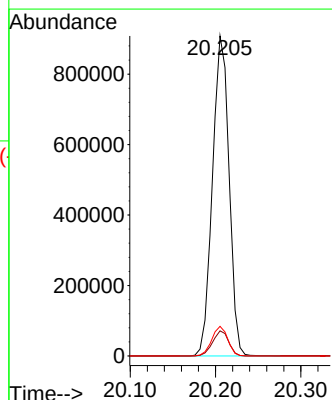
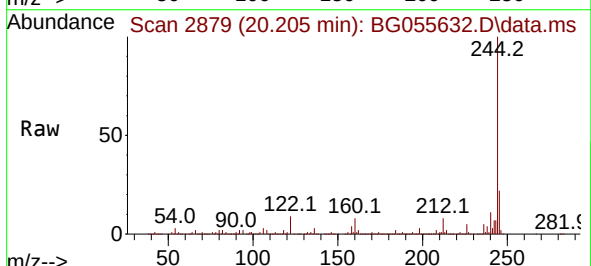
Tgt Ion:244 Resp: 1227971

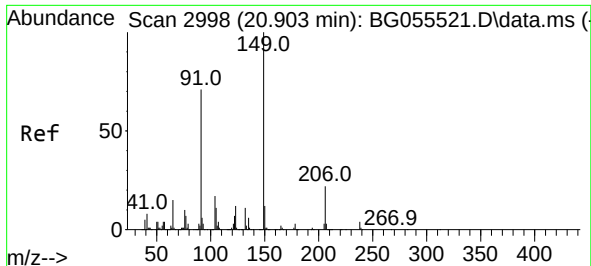
Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

122 9.3 7.7 11.5

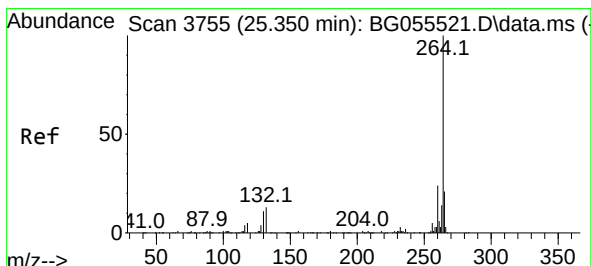
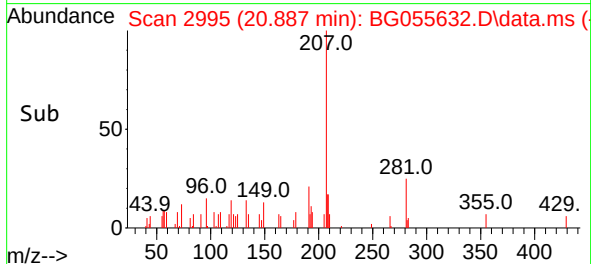
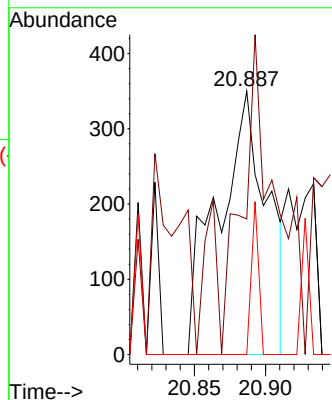
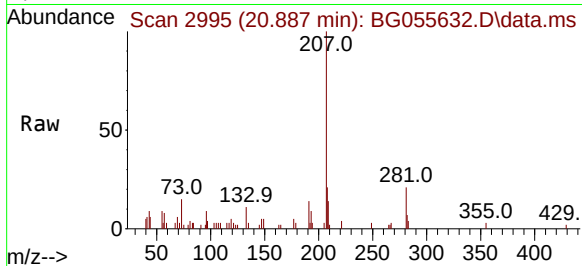




#80
Butylbenzylphthalate
Concen: 3.462 ng
RT: 20.887 min Scan# 2995
Delta R.T. -0.006 min
Lab File: BG055632.D
Acq: 15 Nov 2022 21:50

Instrument :
BNA_G
ClientSampleId :
DISSOLVED-20221178-COMP-13-MODIFIED-ELUTRIATE

Tgt Ion:149 Resp: 845
Ion Ratio Lower Upper
149 100
91 51.4 56.8 85.2#
206 0.0 17.3 25.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.329 min Scan# 3751
Delta R.T. -0.006 min
Lab File: BG055632.D
Acq: 15 Nov 2022 21:50

Tgt Ion:264 Resp: 322768
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 21.9 17.1 25.7

