

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111522\
 Data File : BG055636.D
 Acq On : 16 Nov 2022 00:35
 Operator : CG/JU
 Sample : N5431-05RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DISSOLVED-20221170-COMP-05-MODIFIED-ELUTRIATERE

Quant Time: Nov 16 01:47:48 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)

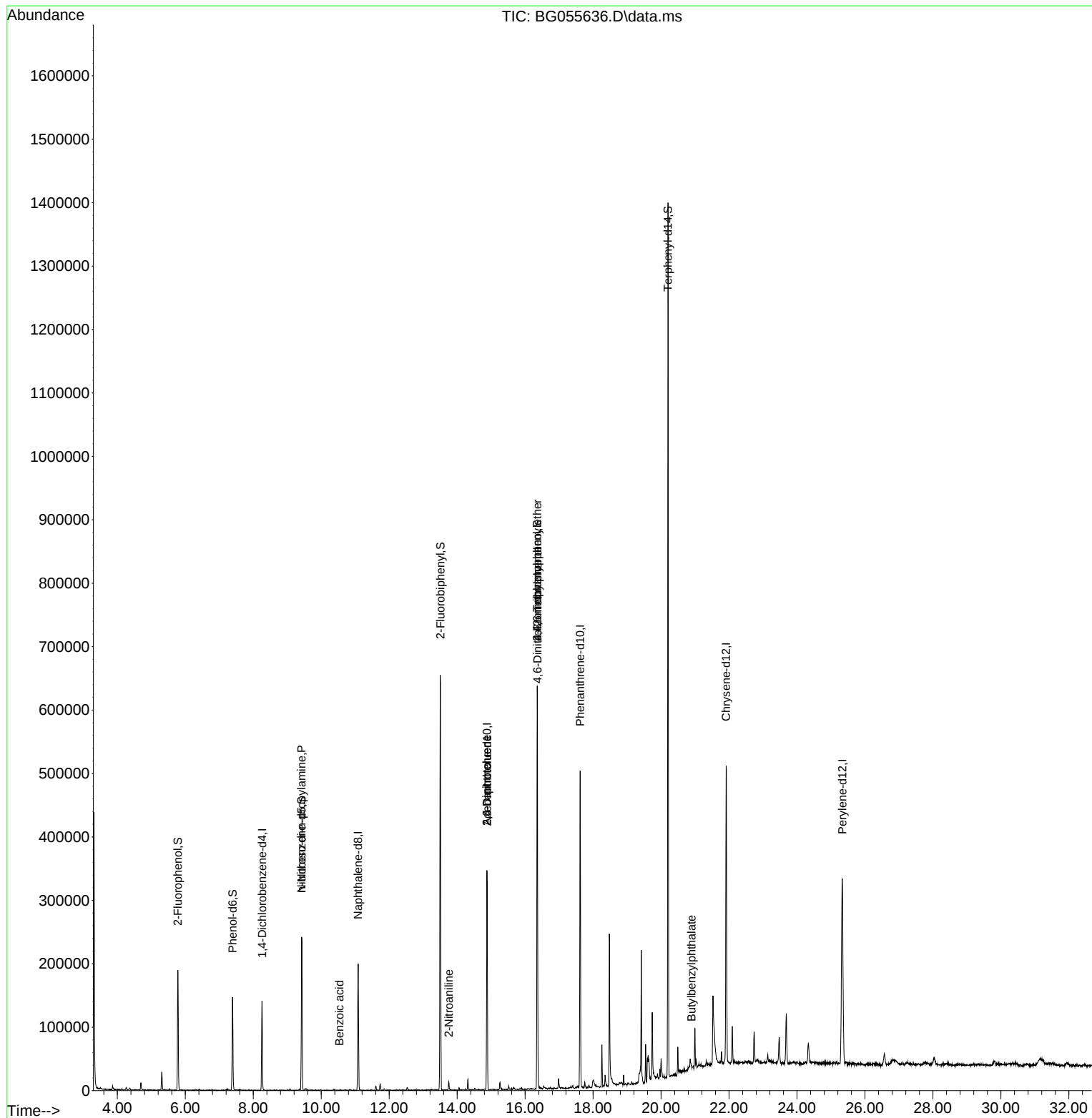
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	40182	20.000	ng	0.00
21) Naphthalene-d8	11.085	136	169590	20.000	ng	0.00
39) Acenaphthene-d10	14.875	164	124326	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	310985	20.000	ng	0.00
76) Chrysene-d12	21.914	240	310433	20.000	ng	0.00
86) Perylene-d12	25.333	264	327780	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.780	112	81750	38.752	ng	0.00
7) Phenol-d6	7.389	99	80592	27.656	ng	0.00
23) Nitrobenzene-d5	9.422	82	141471	56.552	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	128345	105.803	ng	0.00
45) 2-Fluorobiphenyl	13.506	172	351129	42.601	ng	0.00
79) Terphenyl-d14	20.204	244	681564	44.098	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.422	70	19073	7.920	ng	# 74
32) Benzoic acid	10.533	122	54	4.351	ng	# 1
48) 2-Nitroaniline	13.753	65	138	3.857	ng	# 8
51) 2,6-Dinitrotoluene	14.875	165	15938	12.119	ng	# 23
57) 2,4-Dinitrotoluene	14.875	165	15938	10.340	ng	# 23
65) 4,6-Dinitro-2-methylph...	16.361	198	170	2.111	ng	# 1
67) 4-Bromophenyl-phenylether	16.355	248	8623	2.718	ng	# 1
80) Butylbenzylphthalate	20.891	149	726	3.449	ng	# 32

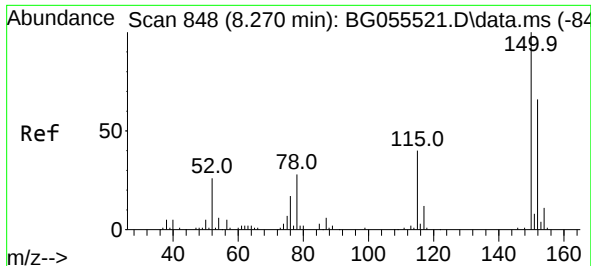
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 14 Sample Multiplier: 1

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BNA_G
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DISSOLVED-20221170-COMP-05-MODIFIED-ELUTRIATERE

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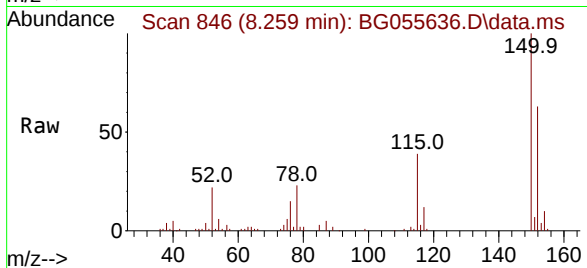
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG055636.D
Acq: 16 Nov 2022 00:35

Instrument :

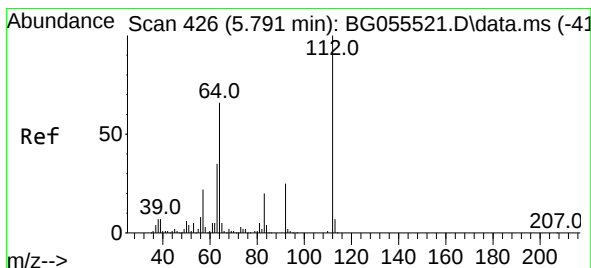
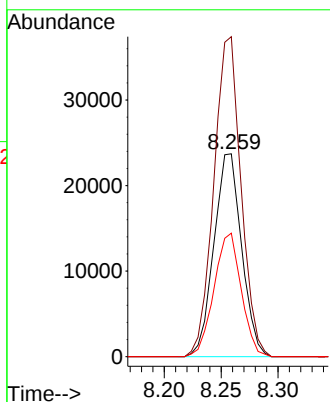
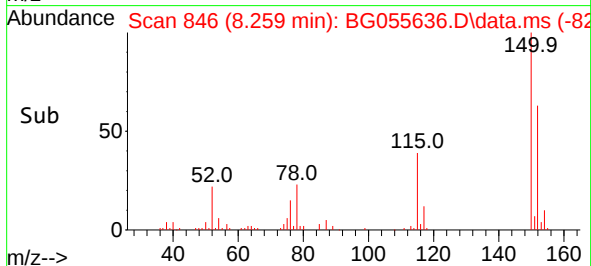
BNA_G

ClientSampleId :

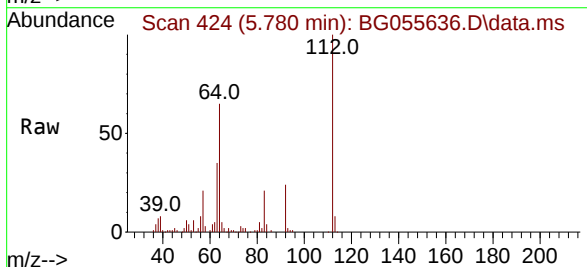
DISSOLVED-20221170-COMP-05-MODIFIED-ELUTRIATERE



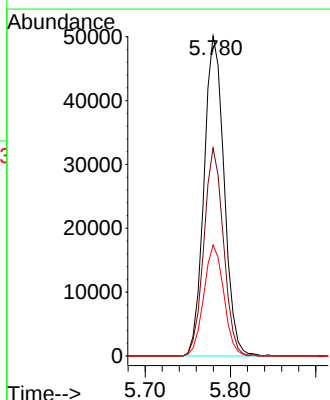
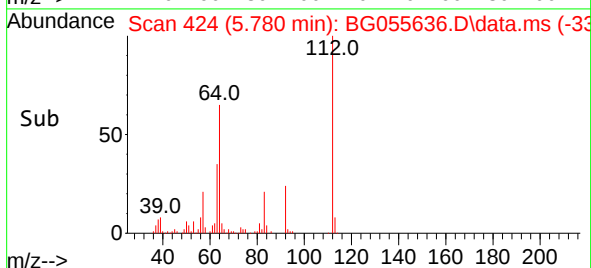
Tgt Ion:152 Resp: 40182
Ion Ratio Lower Upper
152 100
150 157.7 121.0 181.4
115 60.9 47.8 71.8



#5
2-Fluorophenol
Concen: 38.752 ng
RT: 5.780 min Scan# 424
Delta R.T. -0.002 min
Lab File: BG055636.D
Acq: 16 Nov 2022 00:35



Tgt Ion:112 Resp: 81750
Ion Ratio Lower Upper
112 100
64 65.0 52.6 78.8
63 34.6 28.3 42.5

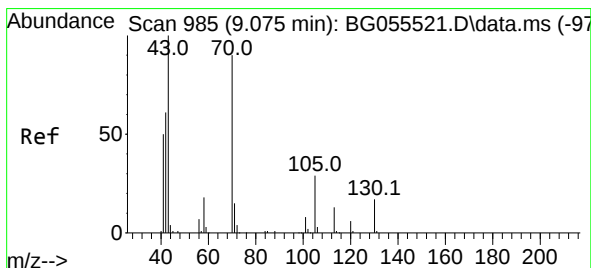
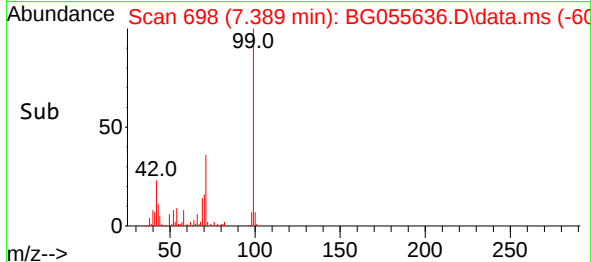
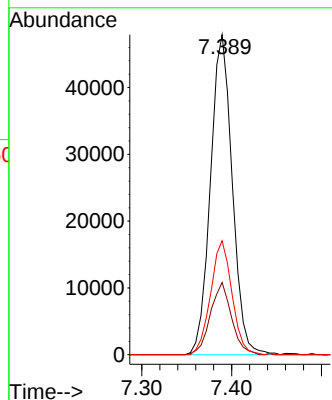
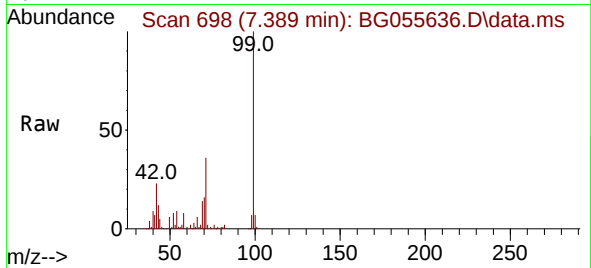




#7
Phenol-d6
Concen: 27.656 ng
RT: 7.389 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG055636.D
Acq: 16 Nov 2022 00:35

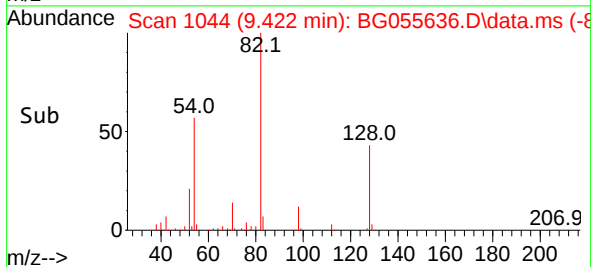
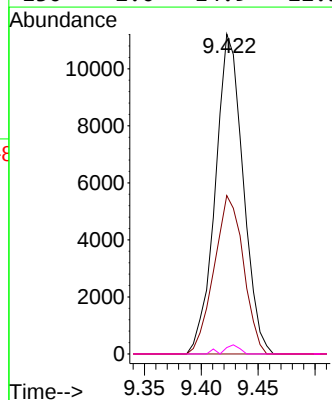
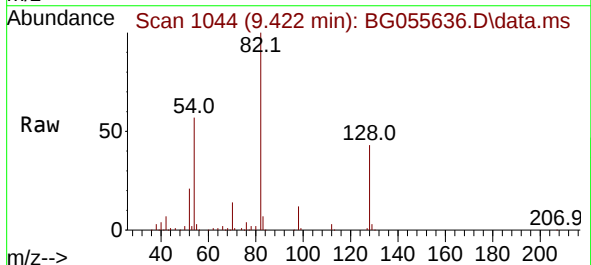
Instrument :
BNA_G
ClientSampleId :
DISSOLVED-20221170-COMP-05-MODIFIED-ELUTRIATERE

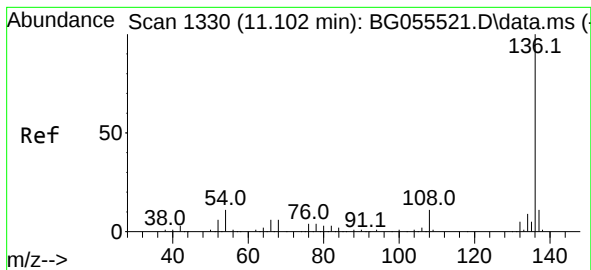
Tgt Ion: 99 Resp: 80592
Ion Ratio Lower Upper
99 100
42 22.6 17.5 26.3
71 35.6 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 7.920 ng
RT: 9.422 min Scan# 1044
Delta R.T. 0.357 min
Lab File: BG055636.D
Acq: 16 Nov 2022 00:35

Tgt Ion: 70 Resp: 19073
Ion Ratio Lower Upper
70 100
42 49.5 54.8 82.2#
101 0.0 6.8 10.2#
130 2.0 14.9 22.3#

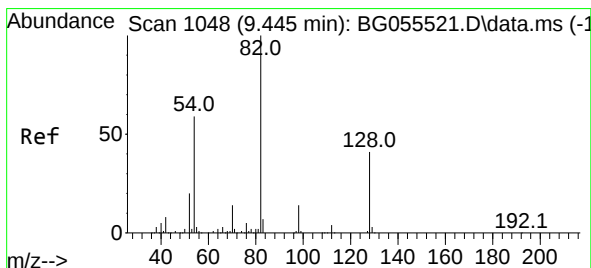
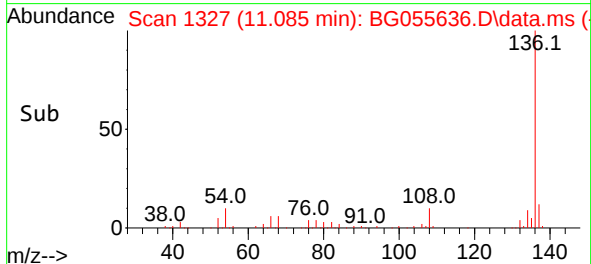
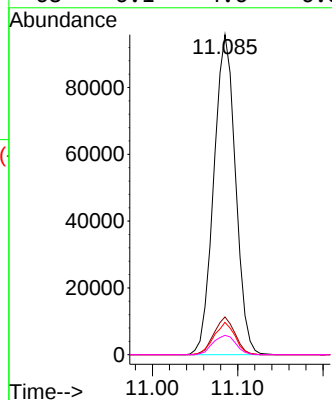
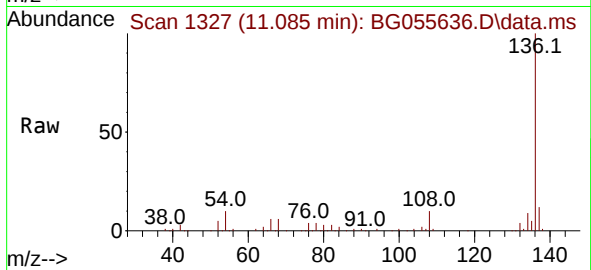




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.085 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG055636.D
Acq: 16 Nov 2022 00:35

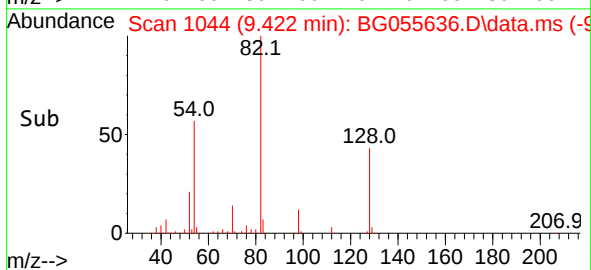
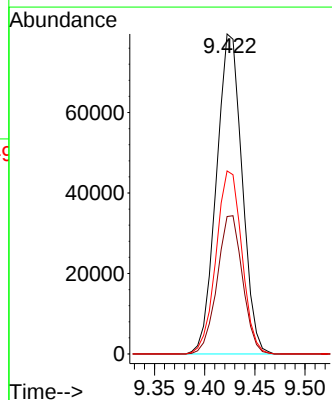
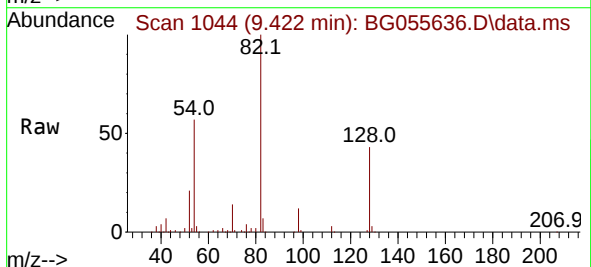
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221170-COMP-05-MODIFIED-ELUTRIATERE

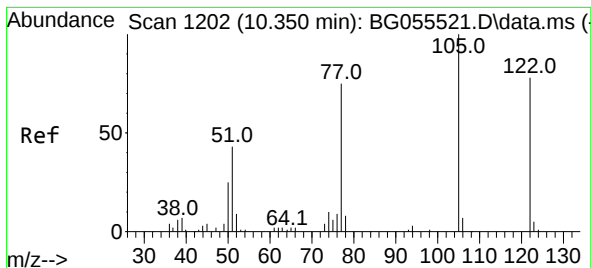
Tgt Ion:136	Resp:	169590
Ion	Ratio	Lower Upper
136	100	
137	11.8	8.6 12.8
54	10.1	8.6 12.8
68	6.1	4.6 6.8



#23
Nitrobenzene-d5
Concen: 56.552 ng
RT: 9.422 min Scan# 1044
Delta R.T. -0.008 min
Lab File: BG055636.D
Acq: 16 Nov 2022 00:35

Tgt Ion: 82	Resp:	141471
Ion	Ratio	Lower Upper
82	100	
128	43.0	32.6 49.0
54	57.2	47.3 70.9





#32

Benzoic acid

Concen: 4.351 ng

RT: 10.533 min Scan# 11

Delta R.T. 0.169 min

Lab File: BG055636.D

Acq: 16 Nov 2022 00:35

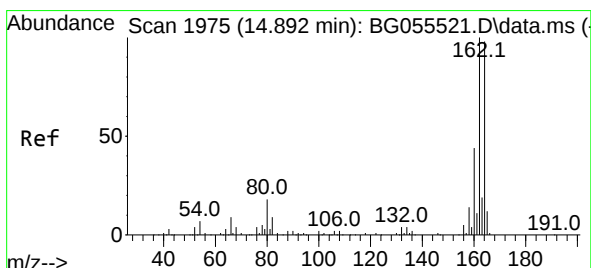
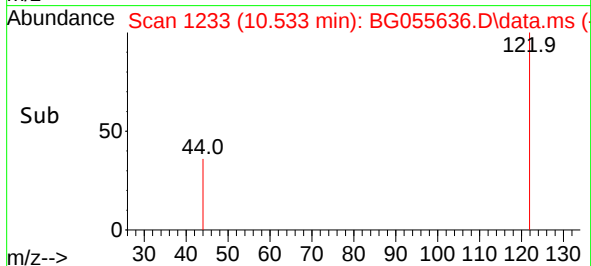
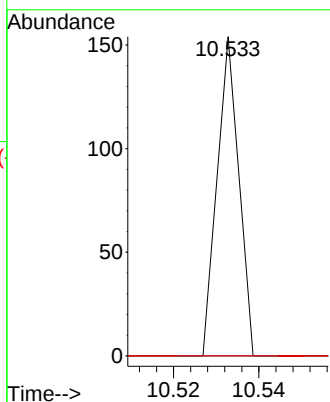
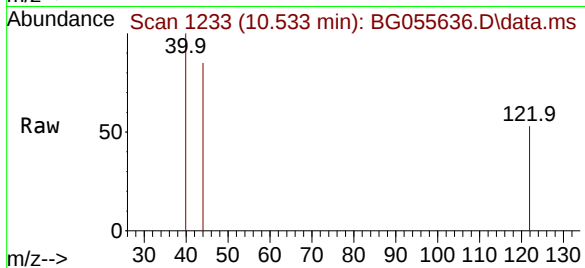
Instrument :

BNA_G

ClientSampleId :

DISSOLVED-20221170-COMP-05-MODIFIED-ELUTRIATERE

Tgt Ion:	122	Resp:	54
Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.2	141.2#
77	0.0	74.4	114.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

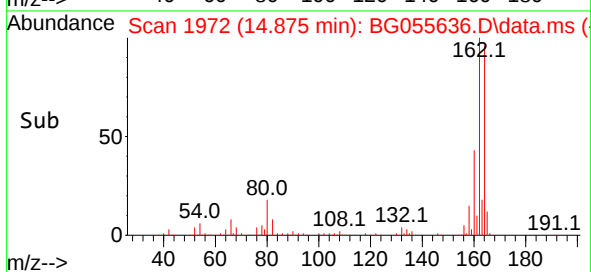
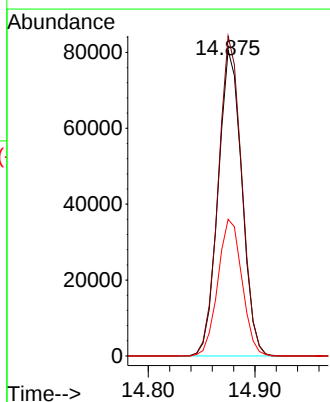
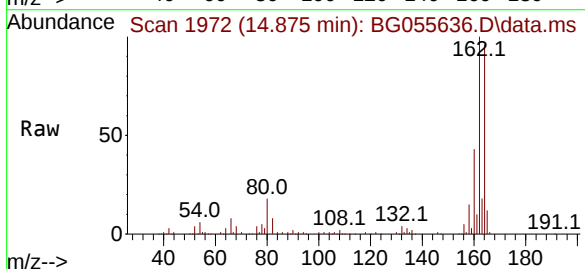
RT: 14.875 min Scan# 1972

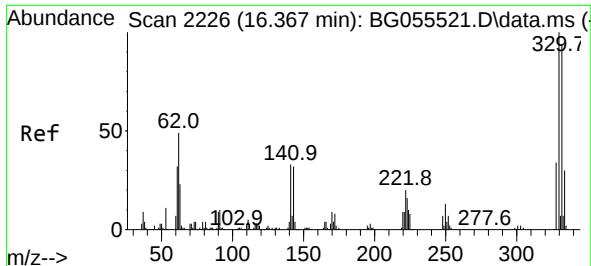
Delta R.T. -0.008 min

Lab File: BG055636.D

Acq: 16 Nov 2022 00:35

Tgt Ion:	164	Resp:	124326
Ion	Ratio	Lower	Upper
164	100		
162	104.6	81.3	121.9
160	44.6	35.9	53.9





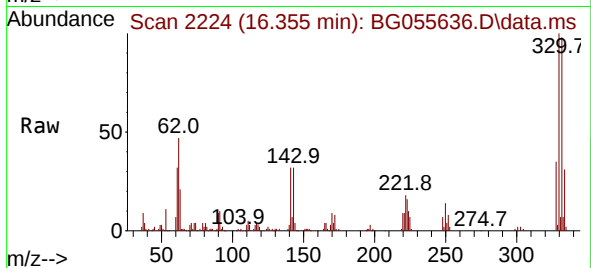
#42
2,4,6-Tribromophenol
Concen: 105.803 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG055636.D
Acq: 16 Nov 2022 00:35

Instrument :

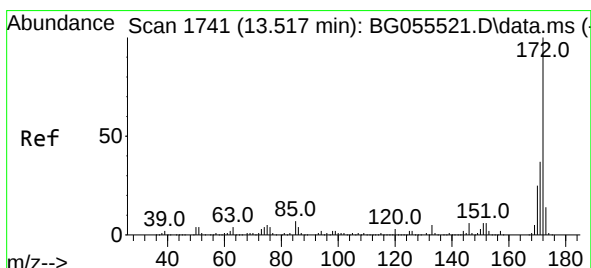
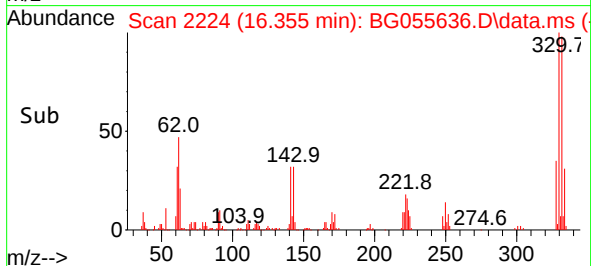
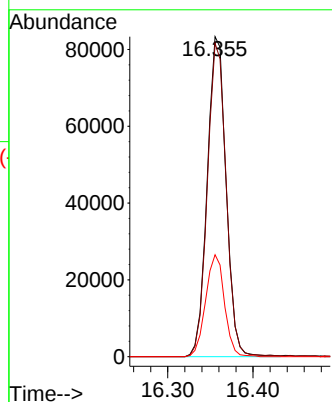
BNA_G

ClientSampleId :

DISSOLVED-20221170-COMP-05-MODIFIED-ELUTRIATERE

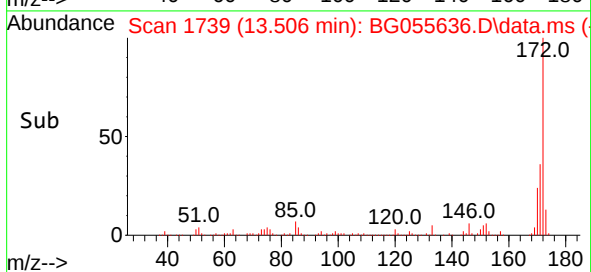
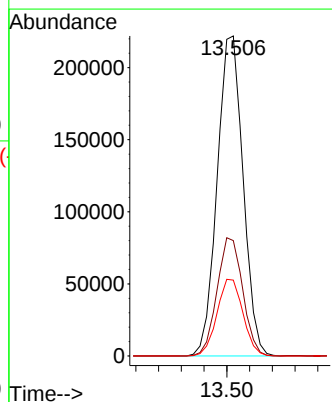
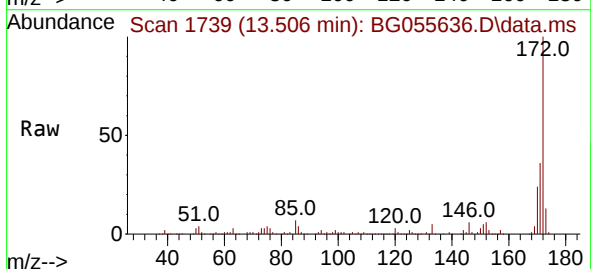


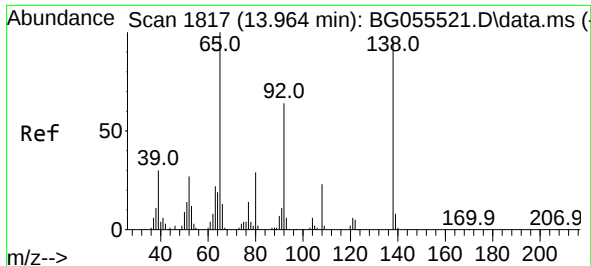
Tgt Ion:330 Resp: 128345
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.2
141 31.6 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 42.601 ng
RT: 13.506 min Scan# 1739
Delta R.T. -0.002 min
Lab File: BG055636.D
Acq: 16 Nov 2022 00:35

Tgt Ion:172 Resp: 351129
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.7 19.8 29.6

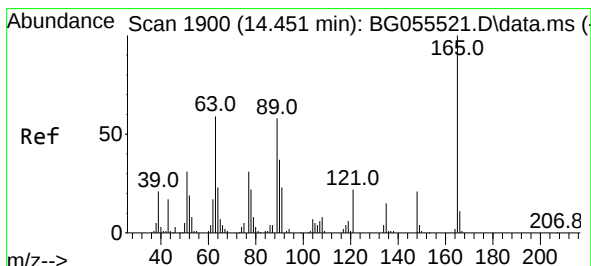
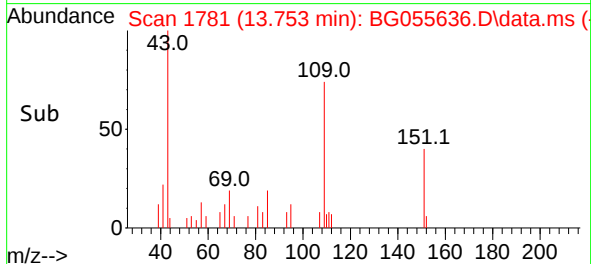
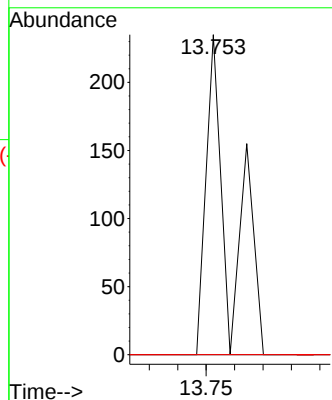
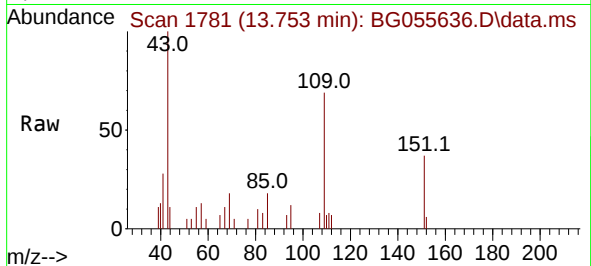




#48
2-Nitroaniline
Concen: 3.857 ng
RT: 13.753 min Scan# 1
Delta R.T. -0.207 min
Lab File: BG055636.D
Acq: 16 Nov 2022 00:35

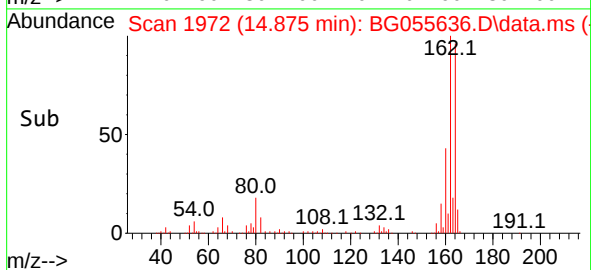
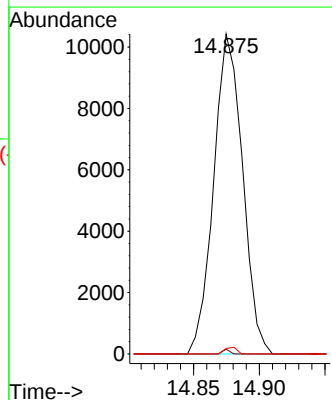
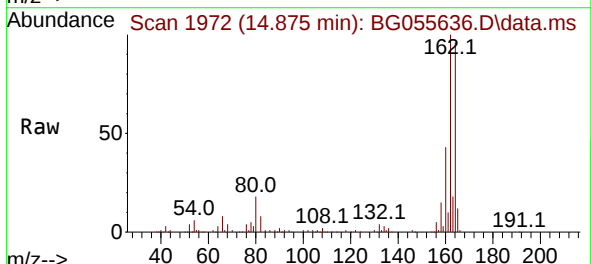
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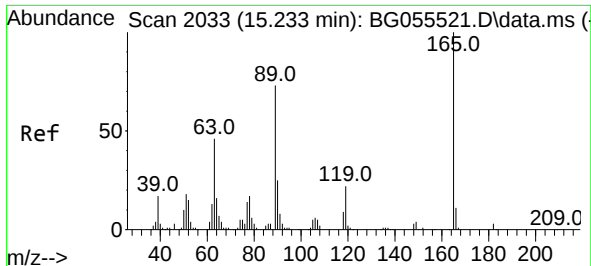
Tgt Ion: 65 Resp: 138
Ion Ratio Lower Upper
65 100
92 0.0 51.6 77.4#
138 0.0 77.0 115.4#



#51
2,6-Dinitrotoluene
Concen: 12.119 ng
RT: 14.875 min Scan# 1972
Delta R.T. 0.427 min
Lab File: BG055636.D
Acq: 16 Nov 2022 00:35

Tgt Ion:165 Resp: 15938
Ion Ratio Lower Upper
165 100
63 1.5 50.1 75.1#
89 1.7 46.5 69.7#





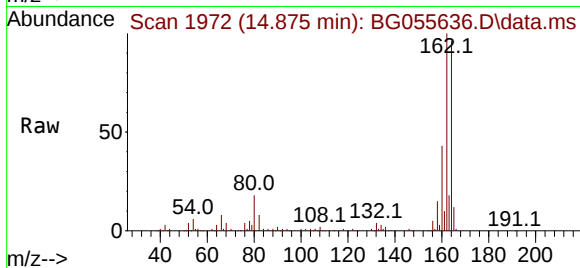
#57
2,4-Dinitrotoluene
Concen: 10.340 ng
RT: 14.875 min Scan# 14
Delta R.T. -0.354 min
Lab File: BG055636.D
Acq: 16 Nov 2022 00:35

Instrument :

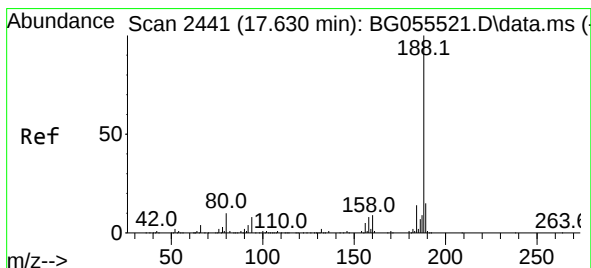
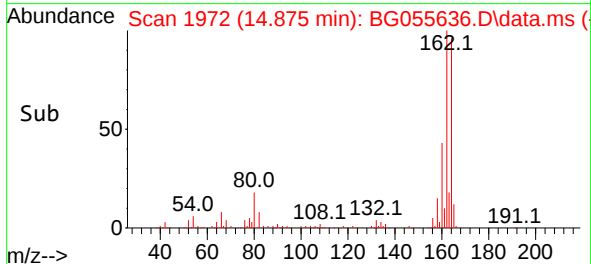
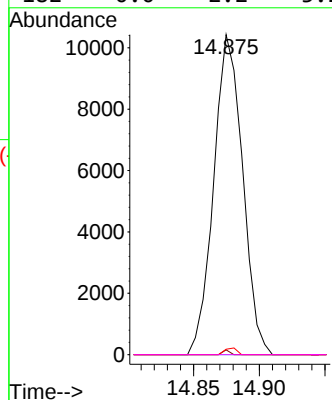
BNA_G

ClientSampleId :

DISSOLVED-20221170-COMP-05-MODIFIED-ELUTRIATERE

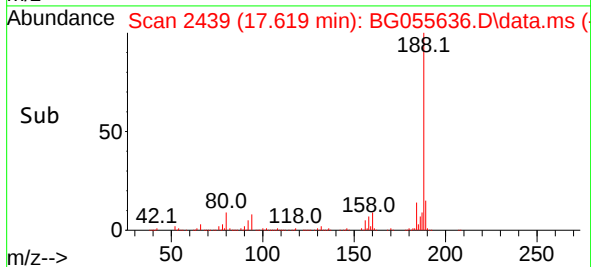
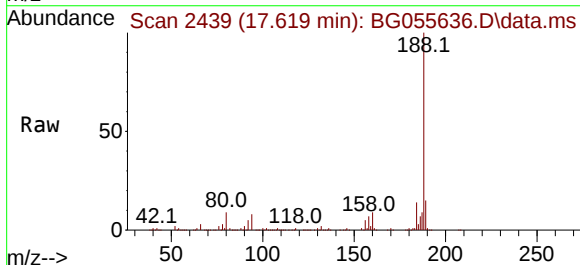
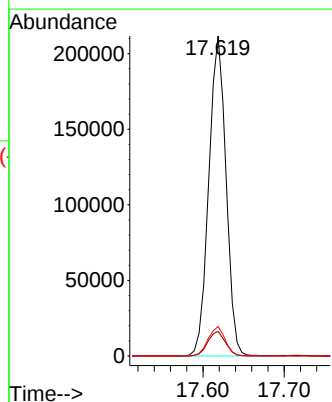


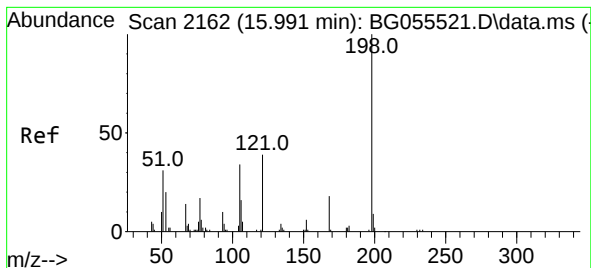
Tgt Ion:165 Resp: 15938
Ion Ratio Lower Upper
165 100
63 1.5 37.0 55.4#
89 1.7 58.6 87.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.619 min Scan# 2439
Delta R.T. -0.002 min
Lab File: BG055636.D
Acq: 16 Nov 2022 00:35

Tgt Ion:188 Resp: 310985
Ion Ratio Lower Upper
188 100
94 7.6 6.4 9.6
80 9.2 7.6 11.4

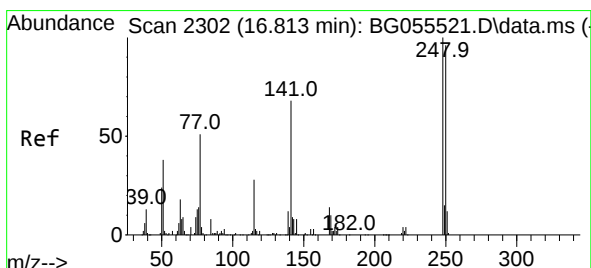
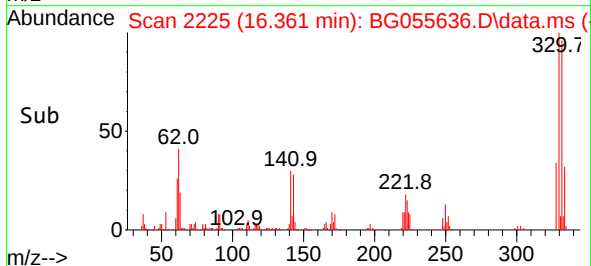
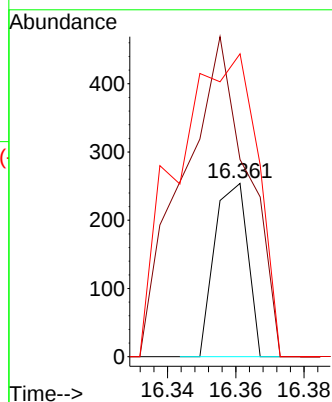
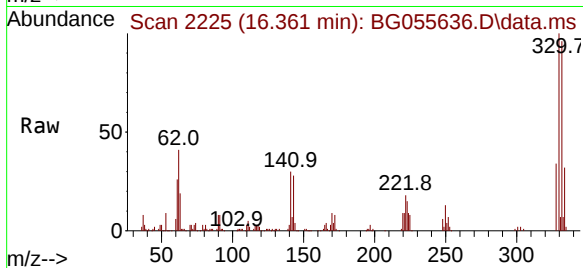




#65
4,6-Dinitro-2-methylphenol
Concen: 2.111 ng
RT: 16.361 min Scan# 2162
Delta R.T. 0.368 min
Lab File: BG055636.D
Acq: 16 Nov 2022 00:35

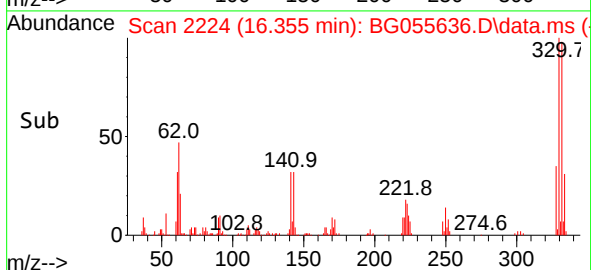
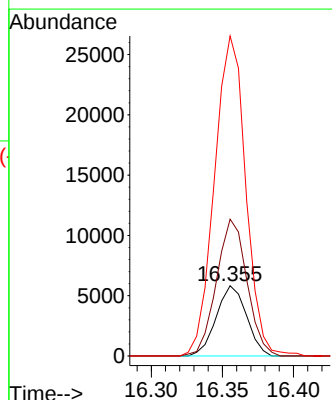
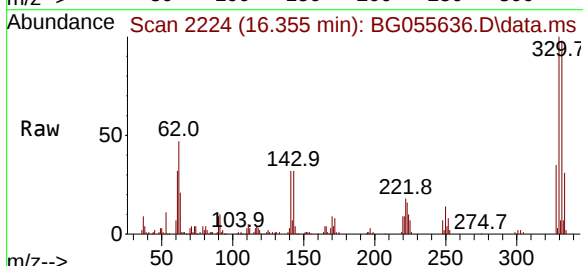
Instrument :
BNA_G
ClientSampleId :
DISSOLVED-20221170-COMP-05-MODIFIED-ELUTRIATERE

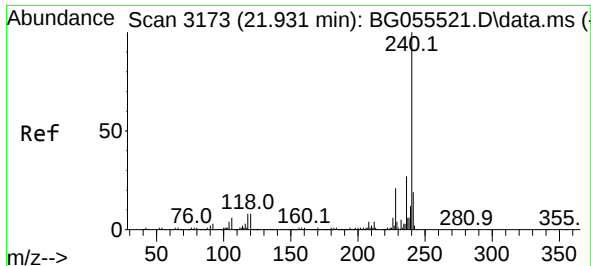
Tgt Ion:198 Resp: 170
Ion Ratio Lower Upper
198 100
51 113.8 24.7 64.7#
105 174.8 17.6 57.6#



#67
4-Bromophenyl-phenylether
Concen: 2.718 ng
RT: 16.355 min Scan# 2224
Delta R.T. -0.448 min
Lab File: BG055636.D
Acq: 16 Nov 2022 00:35

Tgt Ion:248 Resp: 8623
Ion Ratio Lower Upper
248 100
250 194.8 76.9 115.3#
141 455.9 54.3 81.5#

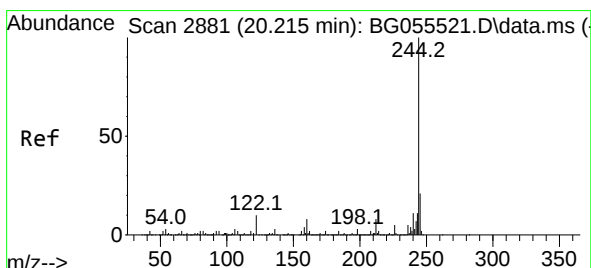
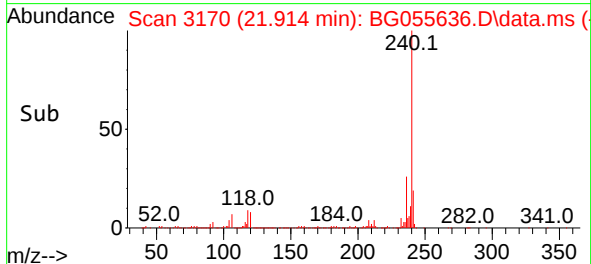
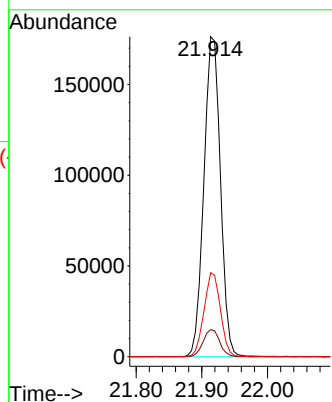
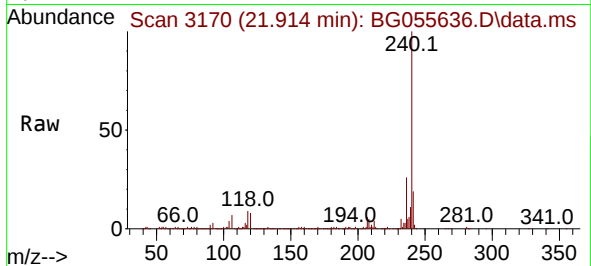




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.914 min Scan# 3173
Delta R.T. -0.008 min
Lab File: BG055636.D
Acq: 16 Nov 2022 00:35

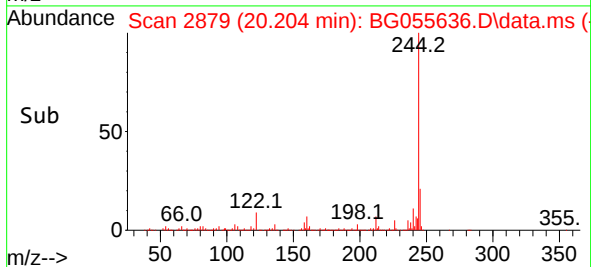
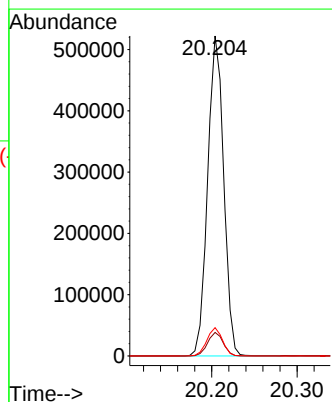
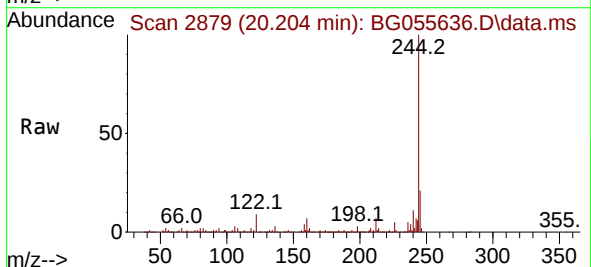
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221170-COMP-05-MODIFIED-ELUTRIATERE

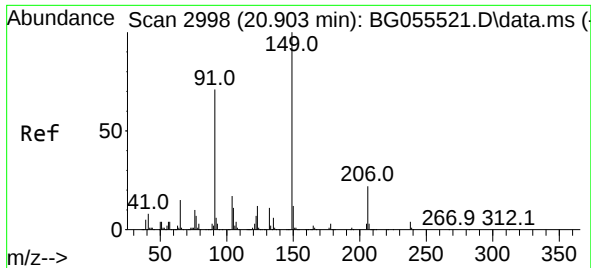
Tgt Ion:240 Resp: 310433
Ion Ratio Lower Upper
240 100
120 8.5 6.1 9.1
236 26.2 21.4 32.0



#79
Terphenyl-d14
Concen: 44.098 ng
RT: 20.204 min Scan# 2879
Delta R.T. -0.008 min
Lab File: BG055636.D
Acq: 16 Nov 2022 00:35

Tgt Ion:244 Resp: 681564
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 8.8 7.7 11.5

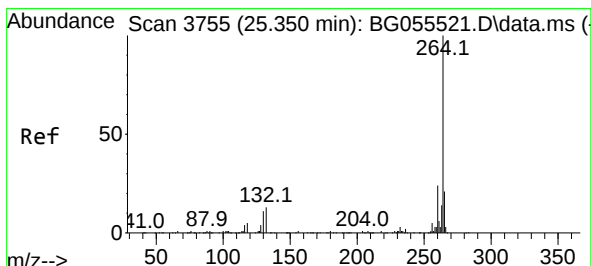
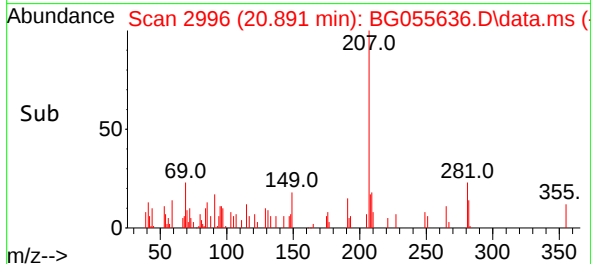
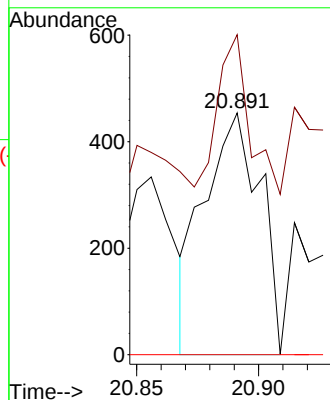
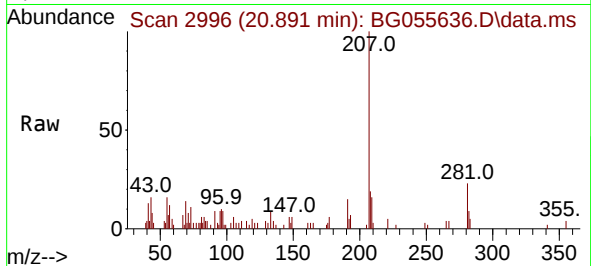




#80
Butylbenzylphthalate
Concen: 3.449 ng
RT: 20.891 min Scan# 2996
Delta R.T. -0.002 min
Lab File: BG055636.D
Acq: 16 Nov 2022 00:35

Instrument :
BNA_G
ClientSampleId :
DISSOLVED-20221170-COMP-05-MODIFIED-ELUTRIATERE

Tgt Ion:	149	Resp:	726
Ion	Ratio	Lower	Upper
149	100		
91	132.4	56.8	85.2#
206	0.0	17.3	25.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.333 min Scan# 3752
Delta R.T. -0.002 min
Lab File: BG055636.D
Acq: 16 Nov 2022 00:35

Tgt Ion:	264	Resp:	327780
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.3	17.1	25.7

