

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110922\
 Data File : BG055531.D
 Acq On : 9 Nov 2022 20:11
 Operator : CG/JU
 Sample : N5360-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221175-COMP-10-MODIFIED-ELUTRIATE

Quant Time: Nov 10 04:31:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

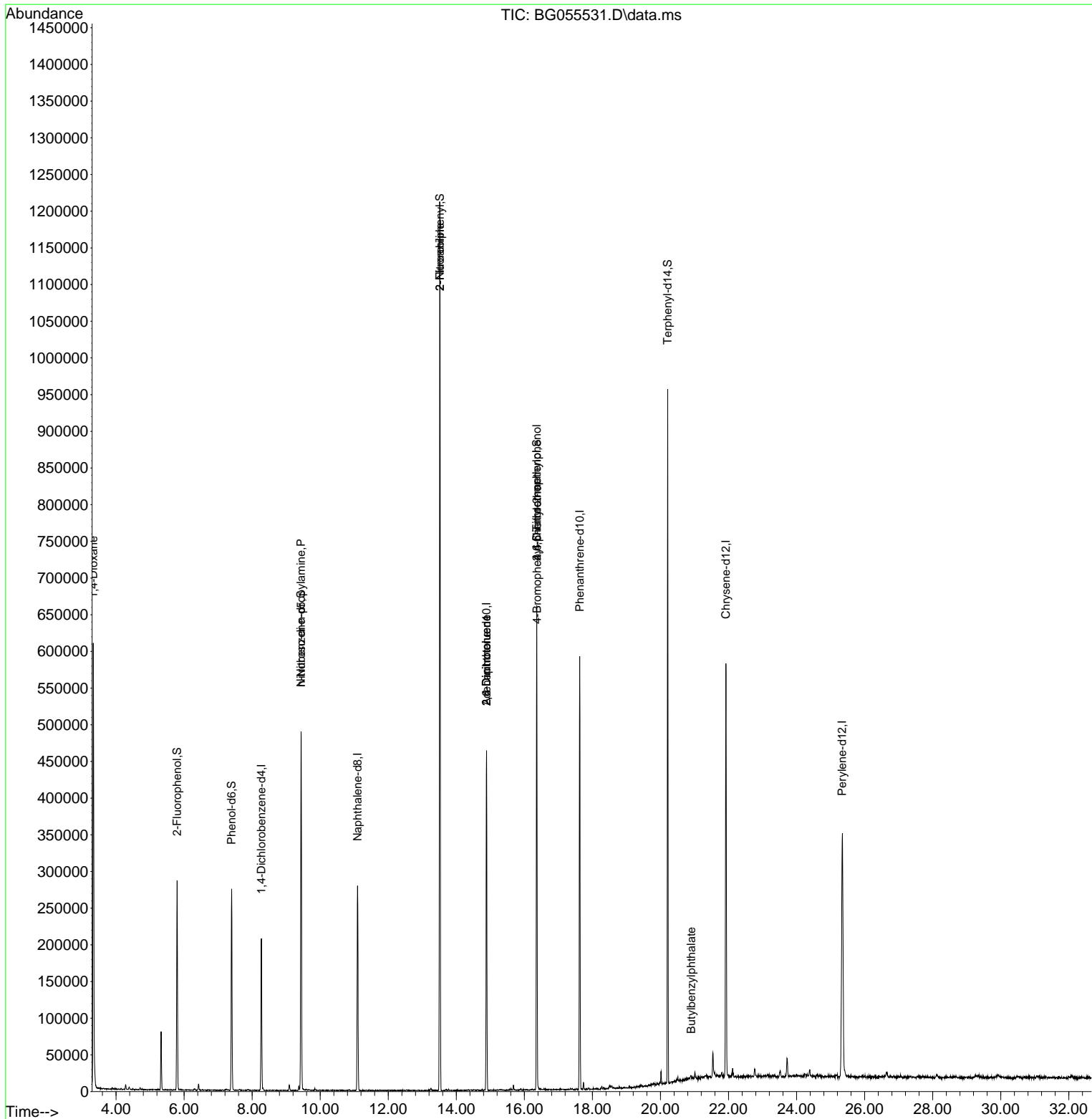
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.272	152	58398	20.000	ng	0.00
21) Naphthalene-d8	11.098	136	240214	20.000	ng	0.00
39) Acenaphthene-d10	14.888	164	163766	20.000	ng	0.00
64) Phenanthrene-d10	17.626	188	376819	20.000	ng	0.00
76) Chrysene-d12	21.921	240	363355	20.000	ng	0.00
86) Perylene-d12	25.341	264	377182	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	121647	39.677	ng	0.00
7) Phenol-d6	7.397	99	147930	34.930	ng	0.00
23) Nitrobenzene-d5	9.436	82	273230	77.109	ng	0.00
42) 2,4,6-Tribromophenol	16.363	330	126316	79.053	ng	0.00
45) 2-Fluorobiphenyl	13.519	172	637971	58.761	ng	0.00
79) Terphenyl-d14	20.211	244	454021	25.097	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.331	88	5621	3.609	ng	# 1
19) n-Nitroso-di-n-propyla...	9.436	70	38036	10.867	ng	# 79
48) 2-Nitroaniline	13.519	65	1217	4.257	ng	# 8
51) 2,6-Dinitrotoluene	14.888	165	21785	12.457	ng	# 21
57) 2,4-Dinitrotoluene	14.888	165	21785	10.593	ng	# 22
65) 4,6-Dinitro-2-methylph...	16.363	198	374	2.300	ng	# 1
67) 4-Bromophenyl-phenylether	16.369	248	8069	2.099	ng	# 1
80) Butylbenzylphthalate	20.905	149	734	3.437	ng	# 41

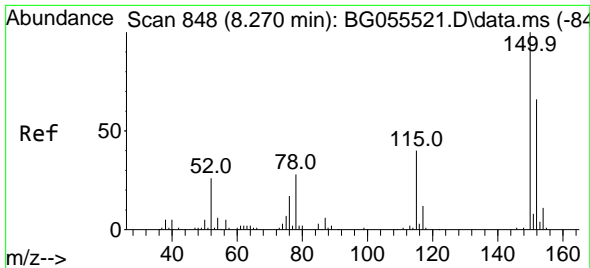
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110922\
 Data File : BG055531.D
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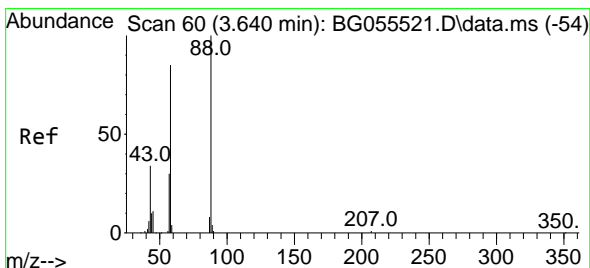
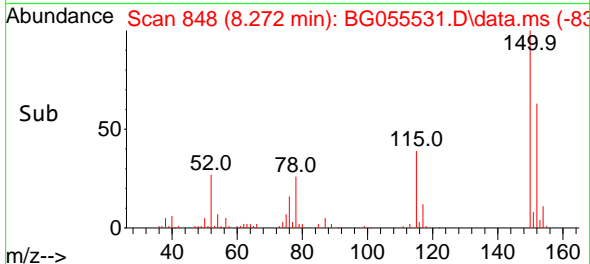
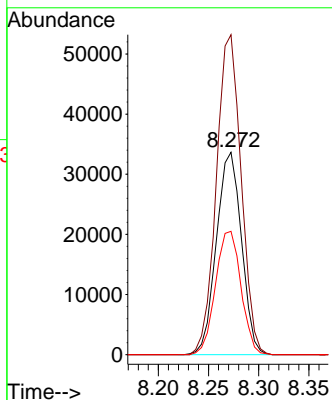
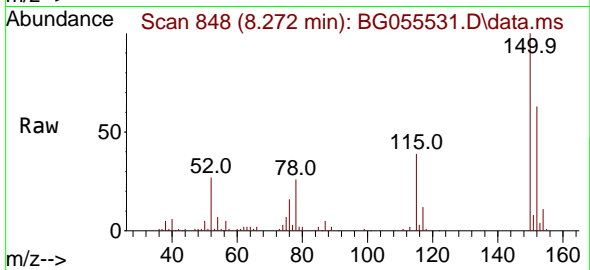




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.272 min Scan# 84
 Delta R.T. 0.002 min
 Lab File: BG055531.D
 Acq: 9 Nov 2022 20:11

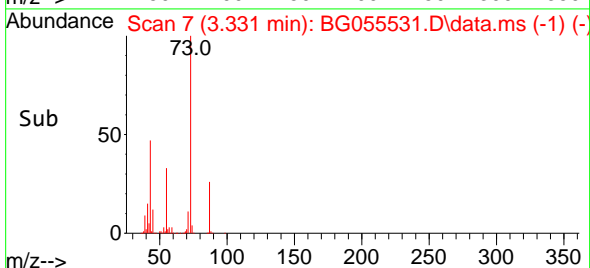
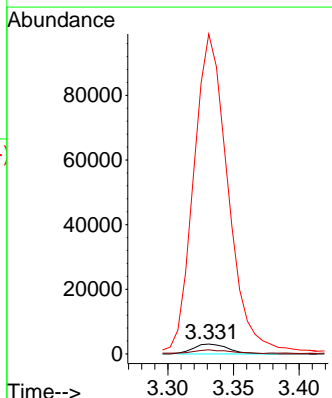
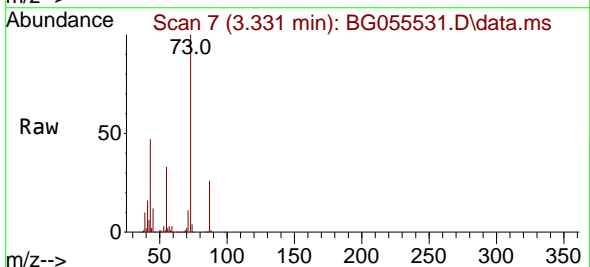
Instrument : BNA_G
 ClientSampleId : 20221175-COMP-10-MODIFIED-ELUTRIATE

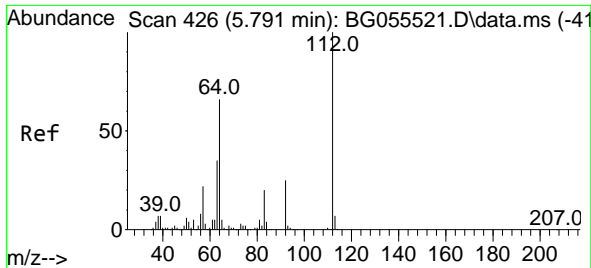
Tgt Ion:152 Resp: 58398
 Ion Ratio Lower Upper
 152 100
 150 158.1 121.0 181.4
 115 61.0 47.8 71.8



#2
 1,4-Dioxane
 Concen: 3.609 ng
 RT: 3.331 min Scan# 7
 Delta R.T. -0.309 min
 Lab File: BG055531.D
 Acq: 9 Nov 2022 20:11

Tgt Ion: 88 Resp: 5621
 Ion Ratio Lower Upper
 88 100
 58 34.8 68.9 103.3#
 43 3135.5 27.1 40.7#



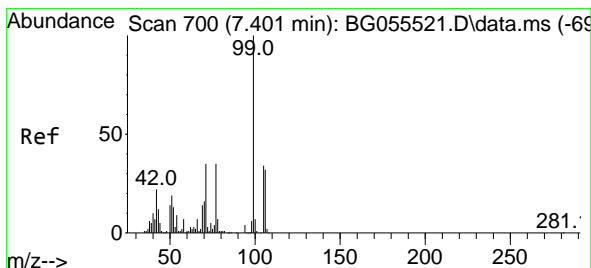
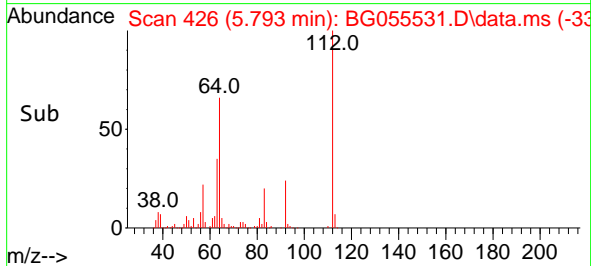
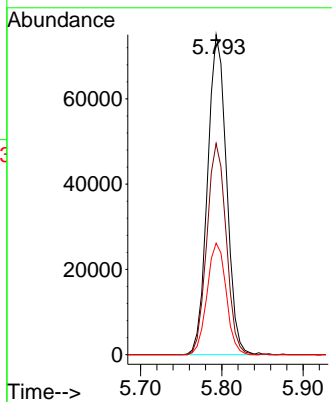
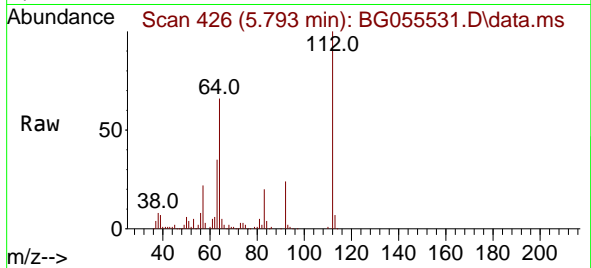


#5
 2-Fluorophenol
 Concen: 39.677 ng
 RT: 5.793 min Scan# 41
 Delta R.T. 0.002 min
 Lab File: BG055531.D
 Acq: 9 Nov 2022 20:11

Instrument :
 BNA_G
 ClientSampleId :
 20221175-COMP-10-MODIFIED-ELUTRIATE

Tgt Ion: 112 Resp: 121647

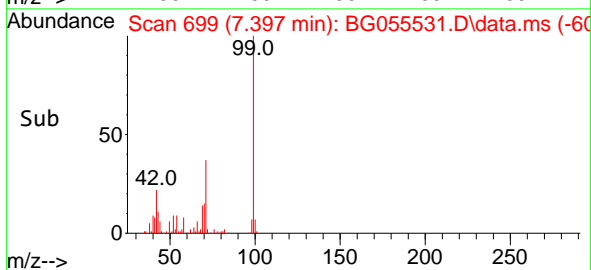
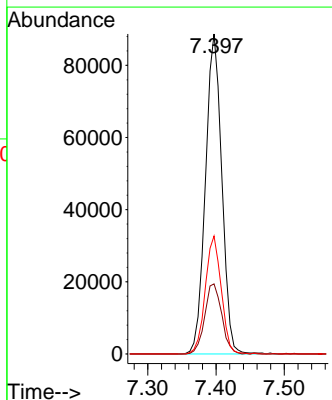
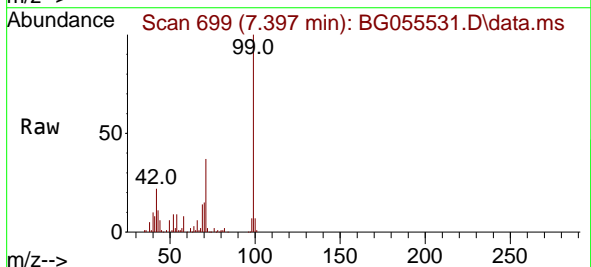
Ion	Ratio	Lower	Upper
112	100		
64	66.0	52.6	78.8
63	34.8	28.3	42.5

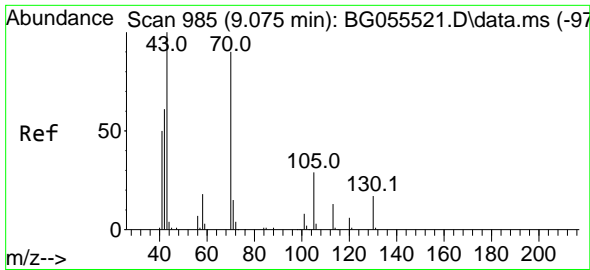


#7
 Phenol-d6
 Concen: 34.930 ng
 RT: 7.397 min Scan# 699
 Delta R.T. -0.004 min
 Lab File: BG055531.D
 Acq: 9 Nov 2022 20:11

Tgt Ion: 99 Resp: 147930

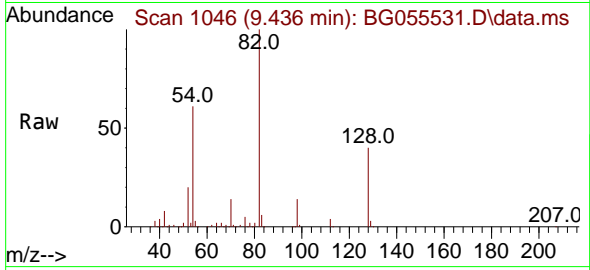
Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.5	26.3
71	36.9	28.3	42.5



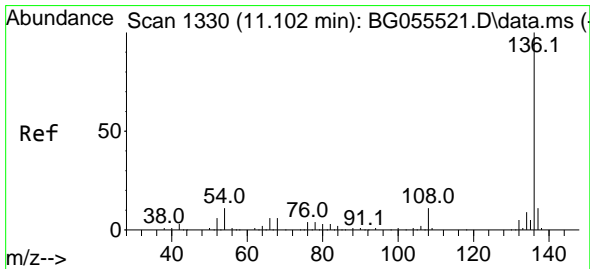
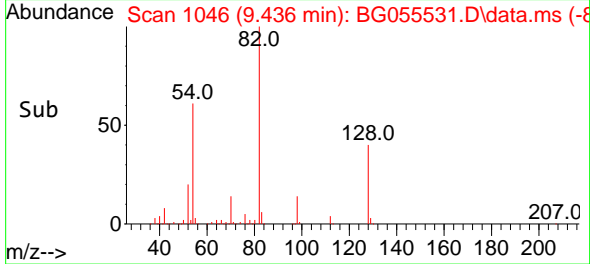
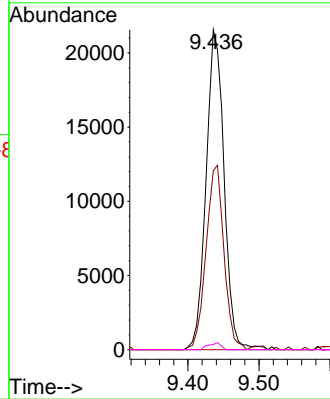


#19
 n-Nitroso-di-n-propylamine
 Concen: 10.867 ng
 RT: 9.436 min Scan# 10
 Delta R.T. 0.361 min
 Lab File: BG055531.D
 Acq: 9 Nov 2022 20:11

Instrument : BNA_G
 ClientSampleId : 20221175-COMP-10-MODIFIED-ELUTRIATE

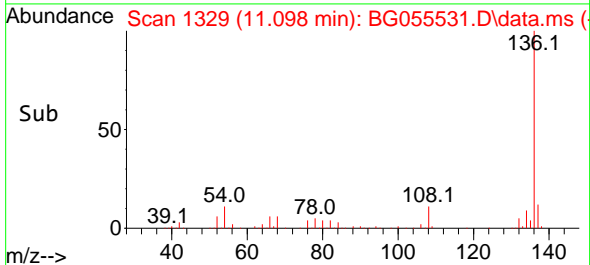
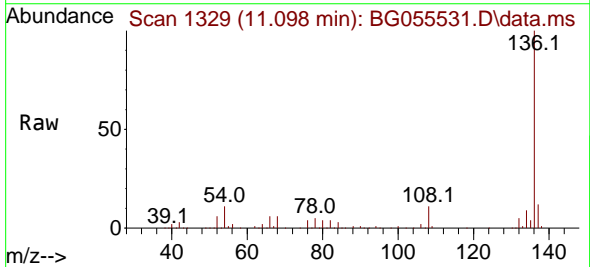
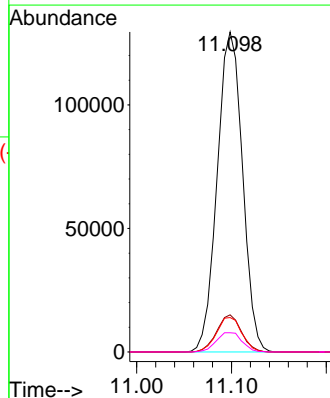


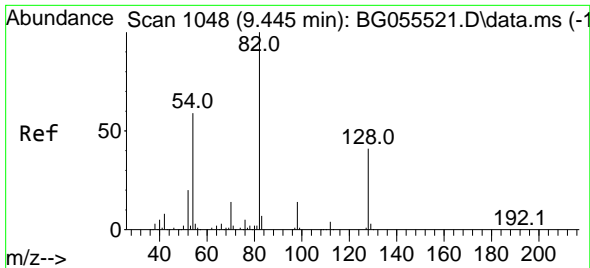
Tgt Ion: 70 Resp: 38036
 Ion Ratio Lower Upper
 70 100
 42 56.0 54.8 82.2
 101 0.0 6.8 10.2#
 130 1.6 14.9 22.3#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.098 min Scan# 1329
 Delta R.T. -0.004 min
 Lab File: BG055531.D
 Acq: 9 Nov 2022 20:11

Tgt Ion:136 Resp: 240214
 Ion Ratio Lower Upper
 136 100
 137 11.6 8.6 12.8
 54 10.7 8.6 12.8
 68 6.0 4.6 6.8



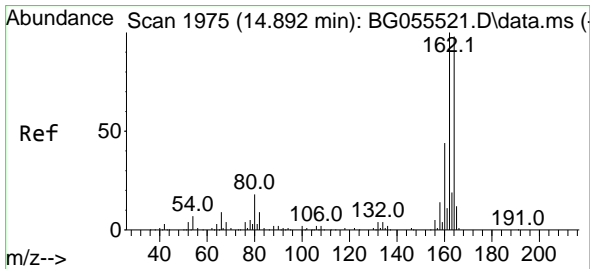
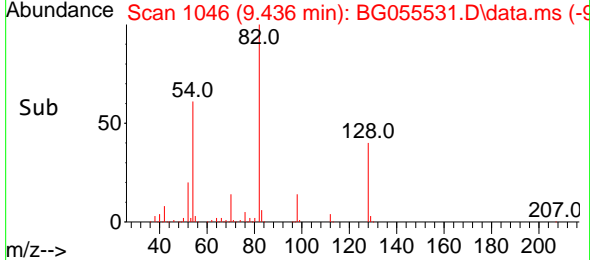
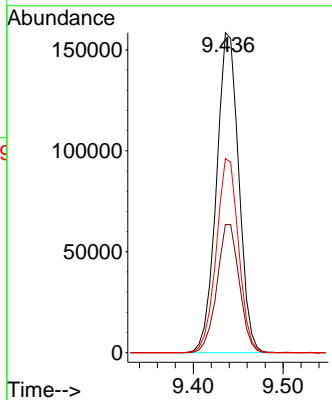
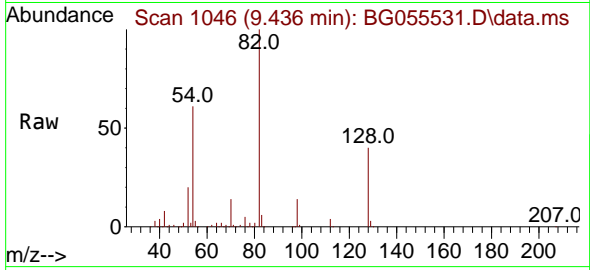


#23
 Nitrobenzene-d5
 Concen: 77.109 ng
 RT: 9.436 min Scan# 1046
 Delta R.T. -0.009 min
 Lab File: BG055531.D
 Acq: 9 Nov 2022 20:11

Instrument : BNA_G
 ClientSampleId : 20221175-COMP-10-MODIFIED-ELUTRIATE

Tgt Ion: 82 Resp: 273230

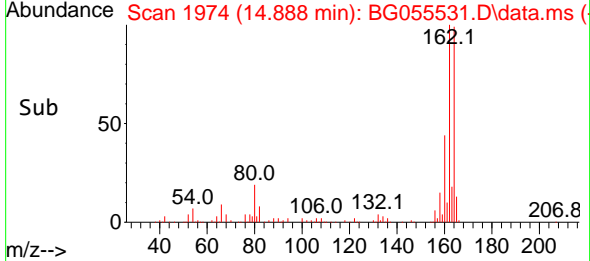
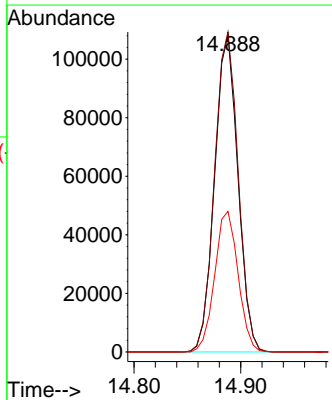
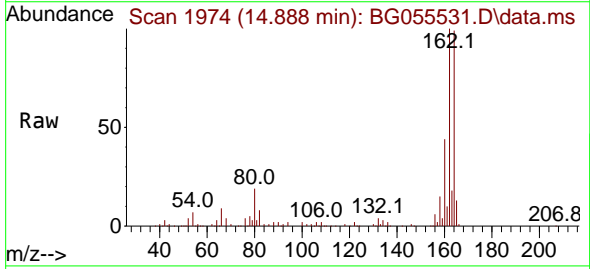
Ion	Ratio	Lower	Upper
82	100		
128	40.0	32.6	49.0
54	60.6	47.3	70.9

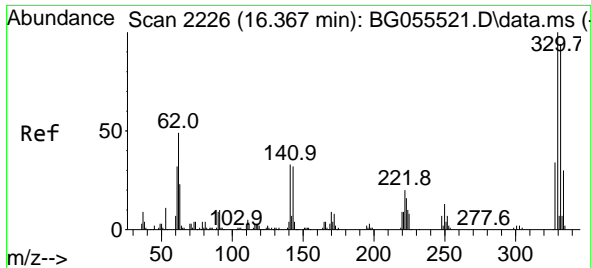


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.888 min Scan# 1974
 Delta R.T. -0.004 min
 Lab File: BG055531.D
 Acq: 9 Nov 2022 20:11

Tgt Ion: 164 Resp: 163766

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.3	121.9
160	44.3	35.9	53.9

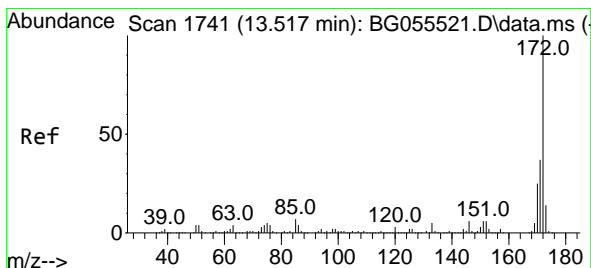
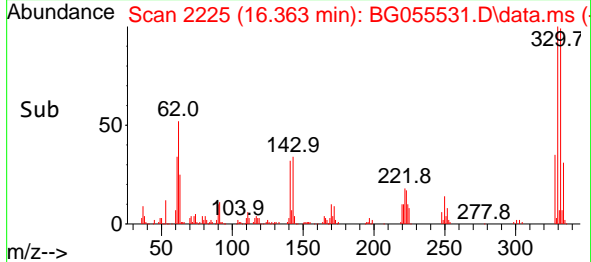
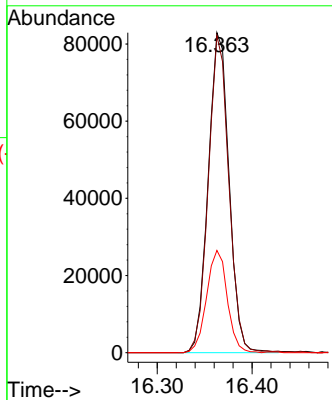
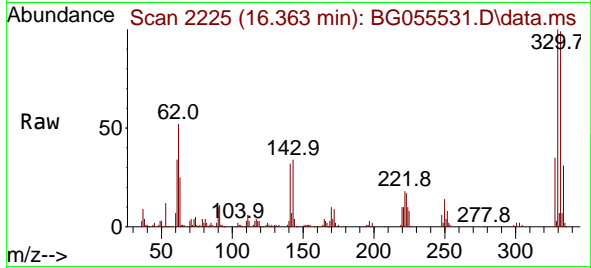




#42
 2,4,6-Tribromophenol
 Concen: 79.053 ng
 RT: 16.363 min Scan# 211
 Delta R.T. -0.004 min
 Lab File: BG055531.D
 Acq: 9 Nov 2022 20:11

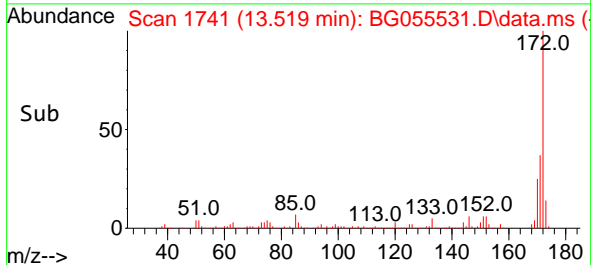
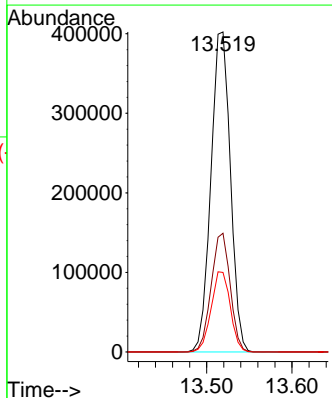
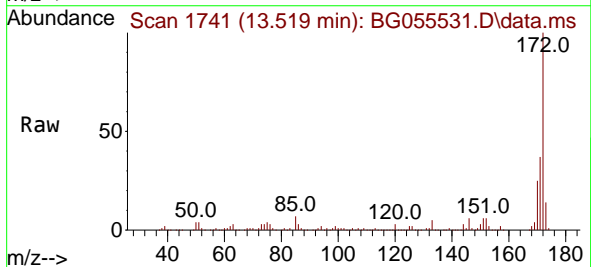
Instrument : BNA_G
 ClientSampleId : 20221175-COMP-10-MODIFIED-ELUTRIATE

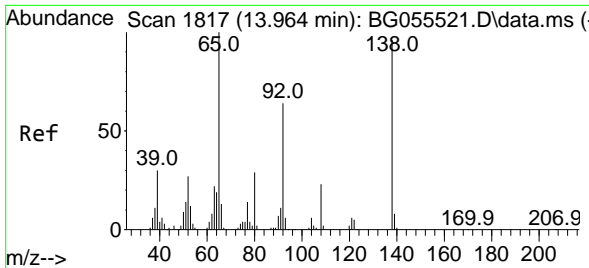
Tgt Ion	Resp	Lower	Upper
330	126316		
330	100		
332	97.6	77.4	116.2
141	31.7	25.4	38.2



#45
 2-Fluorobiphenyl
 Concen: 58.761 ng
 RT: 13.519 min Scan# 1741
 Delta R.T. 0.002 min
 Lab File: BG055531.D
 Acq: 9 Nov 2022 20:11

Tgt Ion	Resp	Lower	Upper
172	637971		
172	100		
171	37.1	29.7	44.5
170	24.9	19.8	29.6



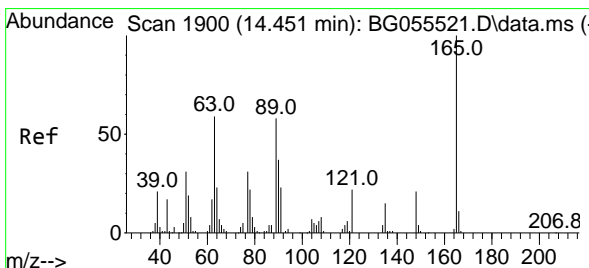
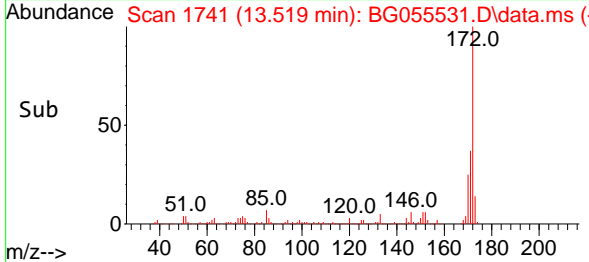
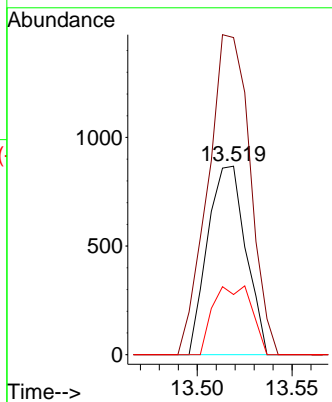
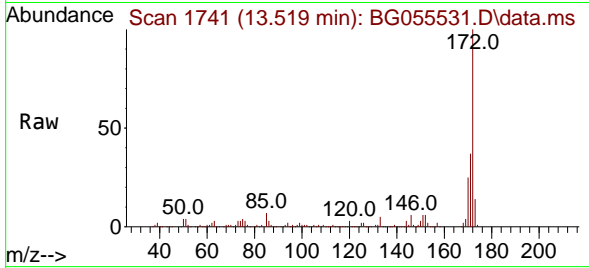


#48
 2-Nitroaniline
 Concen: 4.257 ng
 RT: 13.519 min Scan# 11
 Delta R.T. -0.445 min
 Lab File: BG055531.D
 Acq: 9 Nov 2022 20:11

Instrument : BNA_G
 ClientSampleId : 20221175-COMP-10-MODIFIED-ELUTRIATE

Tgt Ion: 65 Resp: 1217

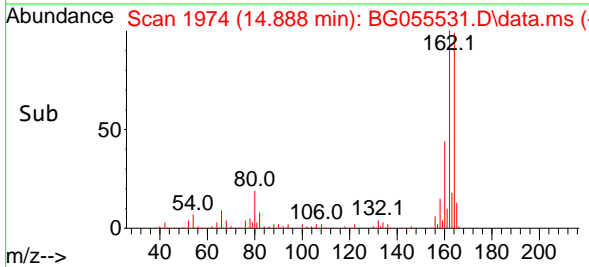
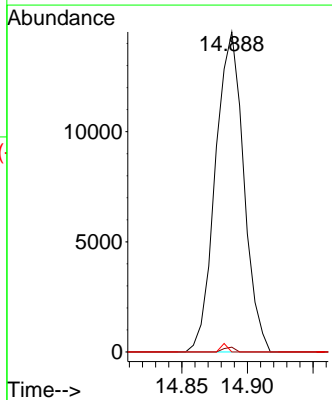
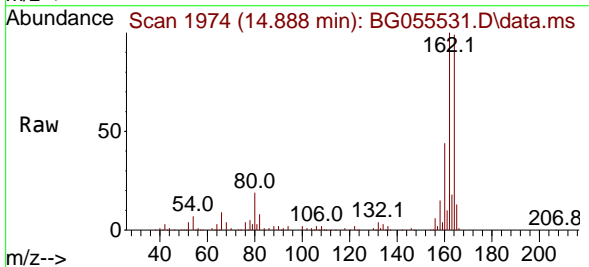
Ion	Ratio	Lower	Upper
65	100		
92	168.2	51.6	77.4#
138	31.9	77.0	115.4#

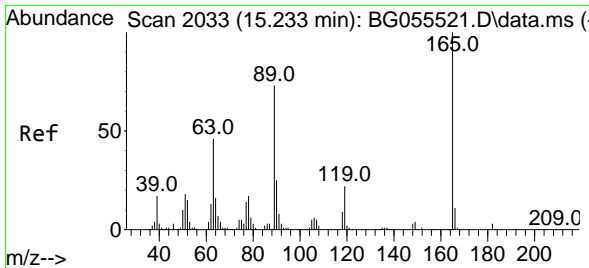


#51
 2,6-Dinitrotoluene
 Concen: 12.457 ng
 RT: 14.888 min Scan# 1974
 Delta R.T. 0.437 min
 Lab File: BG055531.D
 Acq: 9 Nov 2022 20:11

Tgt Ion:165 Resp: 21785

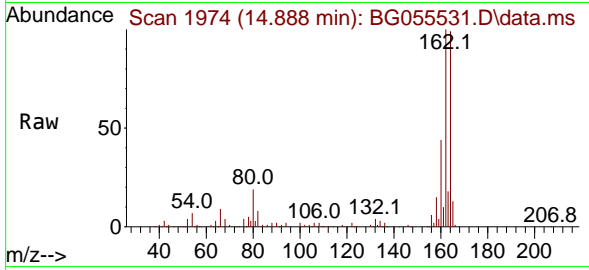
Ion	Ratio	Lower	Upper
165	100		
63	1.5	50.1	75.1#
89	0.0	46.5	69.7#





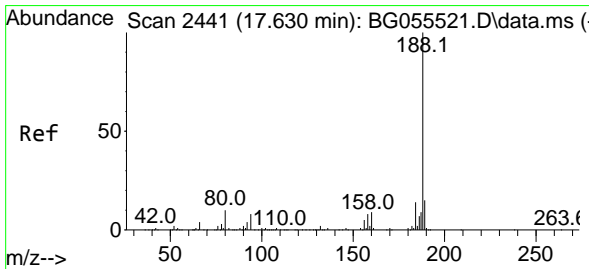
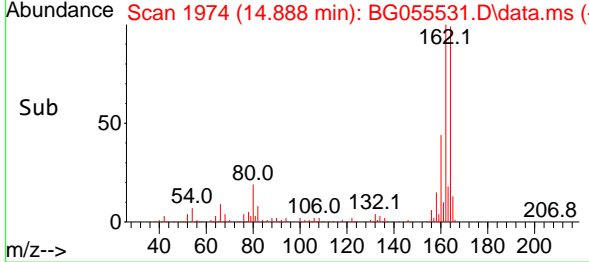
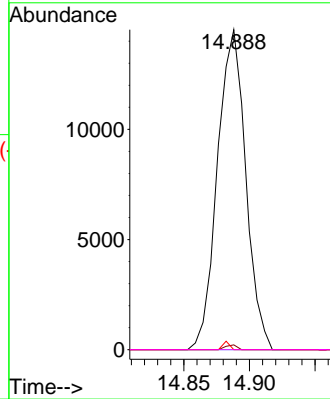
#57
 2,4-Dinitrotoluene
 Concen: 10.593 ng
 RT: 14.888 min Scan# 1974
 Delta R.T. -0.345 min
 Lab File: BG055531.D
 Acq: 9 Nov 2022 20:11

Instrument : BNA_G
 ClientSampleId : 20221175-COMP-10-MODIFIED-ELUTRIATE



Tgt Ion:165 Resp: 21785

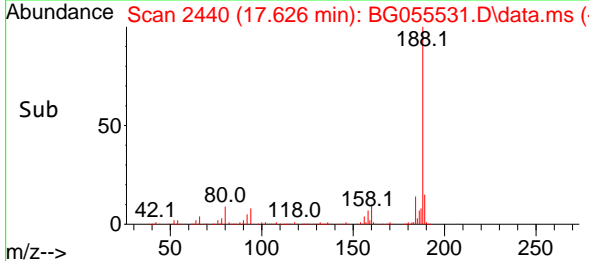
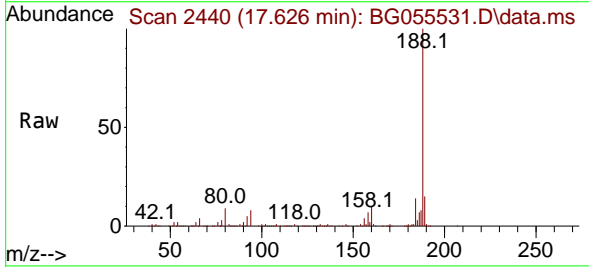
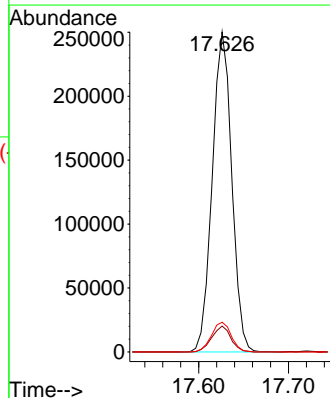
Ion	Ratio	Lower	Upper
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63	1.5	37.0	55.4#
89	0.0	58.6	87.8#
182	0.0	2.2	3.2#

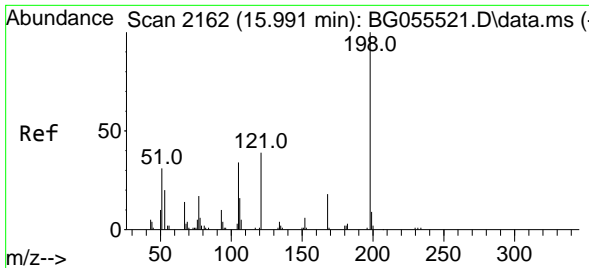


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.626 min Scan# 2440
 Delta R.T. -0.004 min
 Lab File: BG055531.D
 Acq: 9 Nov 2022 20:11

Tgt Ion:188 Resp: 376819

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.4	9.6
80	9.3	7.6	11.4

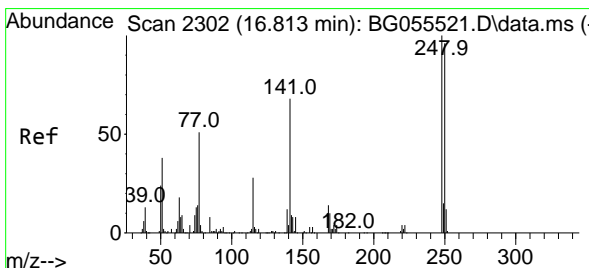
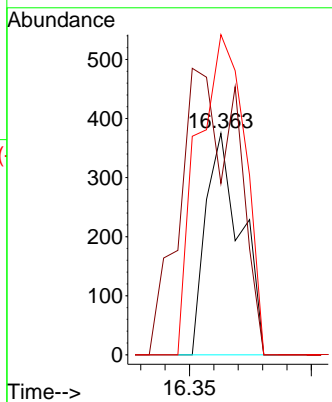
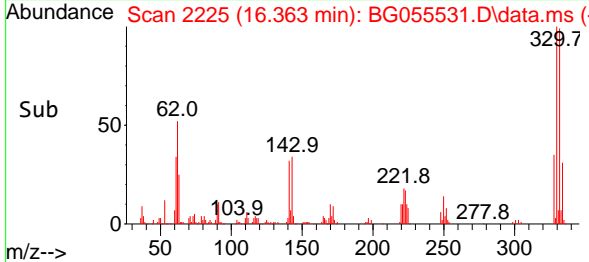
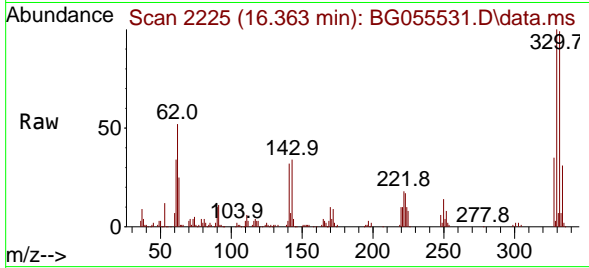




#65
 4,6-Dinitro-2-methylphenol
 Concen: 2.300 ng
 RT: 16.363 min Scan# 2162
 Delta R.T. 0.372 min
 Lab File: BG055531.D
 Acq: 9 Nov 2022 20:11

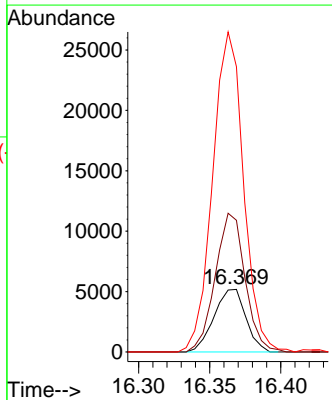
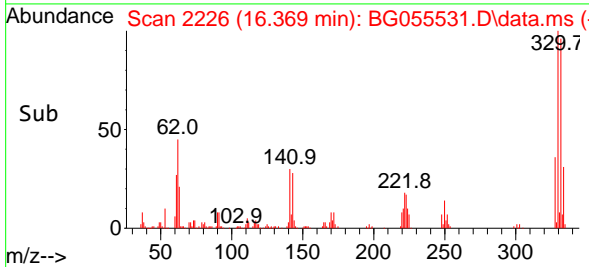
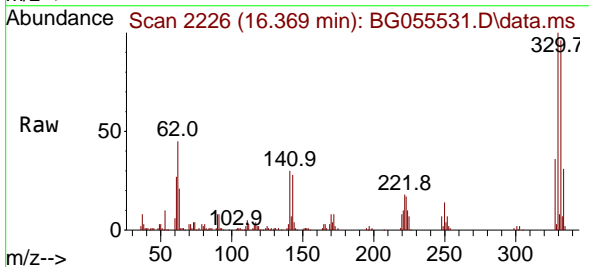
Instrument : BNA_G
 ClientSampleId : 20221175-COMP-10-MODIFIED-ELUTRIATE

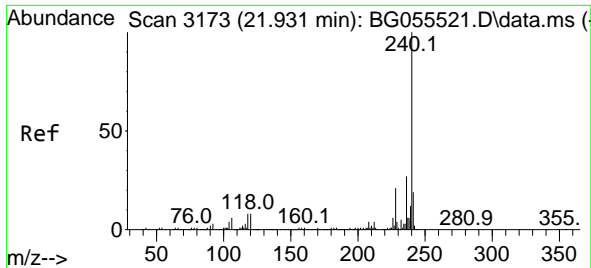
Tgt Ion	Resp	Ion Ratio	Lower	Upper
198	100			
51	77.3	24.7	64.7#	
105	144.5	17.6	57.6#	



#67
 4-Bromophenyl-phenylether
 Concen: 2.099 ng
 RT: 16.369 min Scan# 2226
 Delta R.T. -0.444 min
 Lab File: BG055531.D
 Acq: 9 Nov 2022 20:11

Tgt Ion	Resp	Ion Ratio	Lower	Upper
248	100			
250	210.4	76.9	115.3#	
141	455.6	54.3	81.5#	

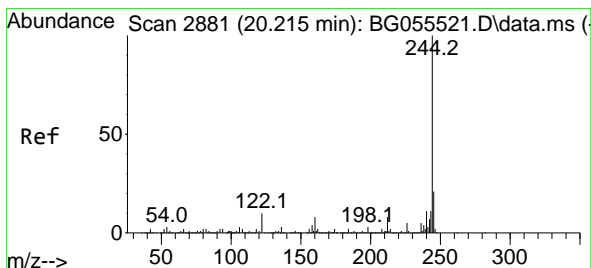
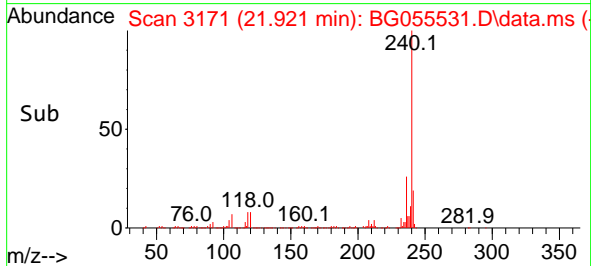
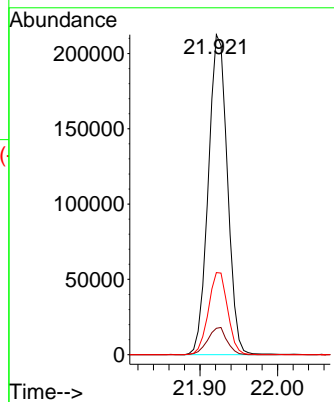
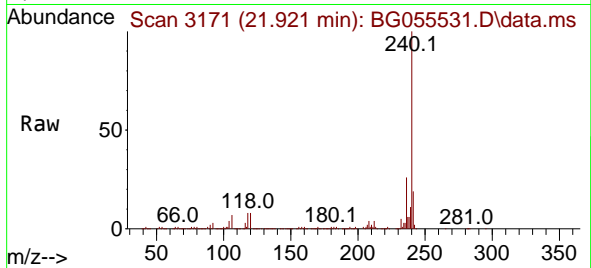




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.921 min Scan# 3173
 Delta R.T. -0.010 min
 Lab File: BG055531.D
 Acq: 9 Nov 2022 20:11

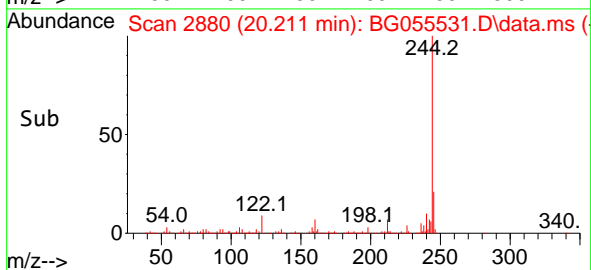
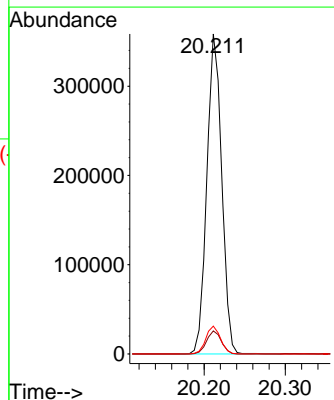
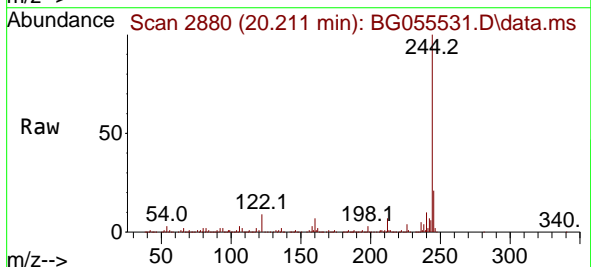
Instrument : BNA_G
 ClientSampleId : 20221175-COMP-10-MODIFIED-ELUTRIATE

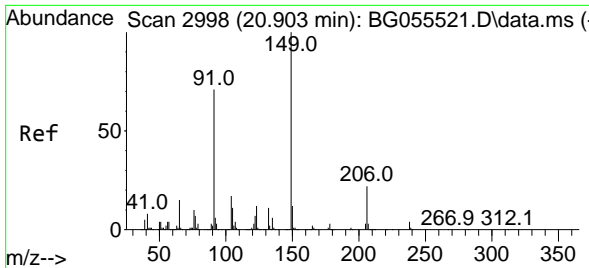
Tgt Ion:240 Resp: 363355
 Ion Ratio Lower Upper
 240 100
 120 8.3 6.1 9.1
 236 25.6 21.4 32.0



#79
 Terphenyl-d14
 Concen: 25.097 ng
 RT: 20.211 min Scan# 2880
 Delta R.T. -0.004 min
 Lab File: BG055531.D
 Acq: 9 Nov 2022 20:11

Tgt Ion:244 Resp: 454021
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 8.7 7.7 11.5

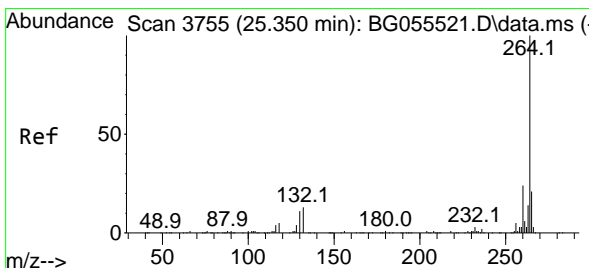
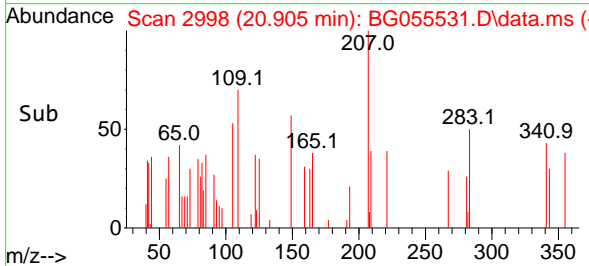
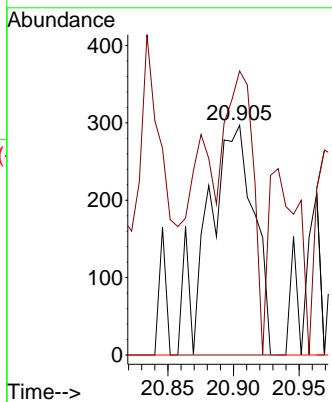
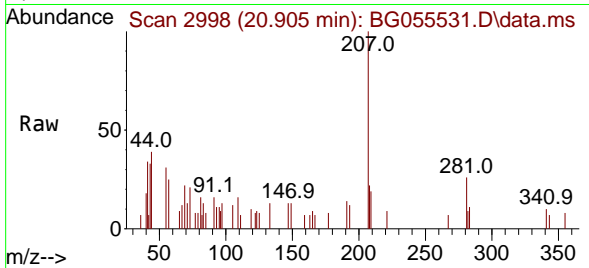




#80
 Butylbenzylphthalate
 Concen: 3.437 ng
 RT: 20.905 min Scan# 2998
 Delta R.T. 0.002 min
 Lab File: BG055531.D
 Acq: 9 Nov 2022 20:11

Instrument : BNA_G
 ClientSampleId : 20221175-COMP-10-MODIFIED-ELUTRIATE

Tgt Ion	Resp	Lower	Upper
149	100		
91	123.6	56.8	85.2#
206	0.0	17.3	25.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.341 min Scan# 3753
 Delta R.T. -0.009 min
 Lab File: BG055531.D
 Acq: 9 Nov 2022 20:11

Tgt Ion	Resp	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.4	17.1	25.7

