

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110922\
 Data File : BG055529.D
 Acq On : 9 Nov 2022 18:48
 Operator : CG/JU
 Sample : N5360-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221169-COMP-04-MODIFIED-ELUTRIATE

Quant Time: Nov 10 04:31:01 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)

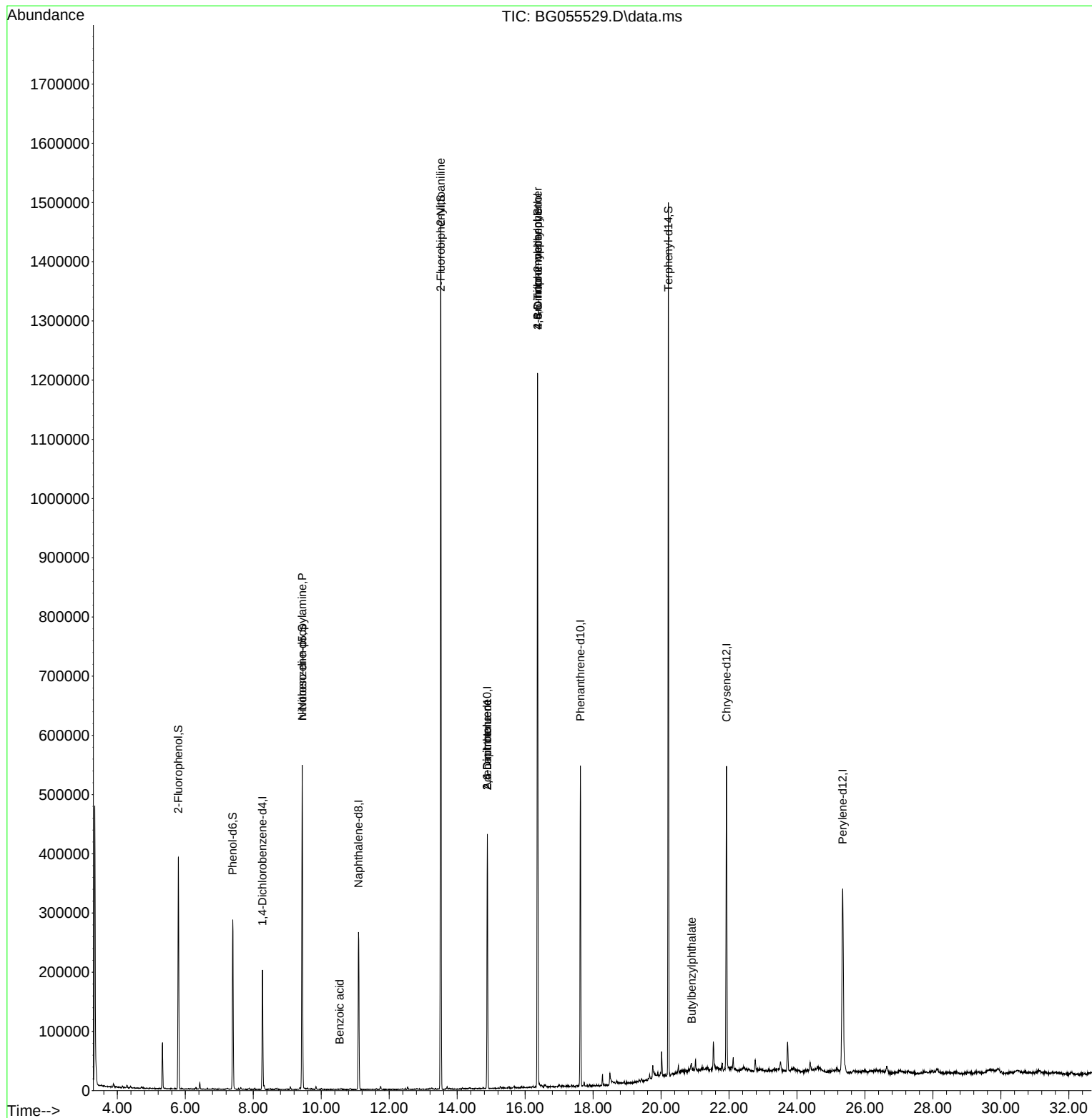
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	56155	20.000	ng	0.00
21) Naphthalene-d8	11.097	136	227120	20.000	ng	0.00
39) Acenaphthene-d10	14.887	164	152989	20.000	ng	0.00
64) Phenanthrene-d10	17.625	188	346772	20.000	ng	0.00
76) Chrysene-d12	21.926	240	333321	20.000	ng	0.00
86) Perylene-d12	25.345	264	352700	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	172409	58.480	ng	0.00
7) Phenol-d6	7.395	99	159000	39.043	ng	0.00
23) Nitrobenzene-d5	9.440	82	310497	92.679	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	237137	158.862	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	760478	74.979	ng	0.00
79) Terphenyl-d14	20.216	244	738970	44.530	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.440	70	42766	12.707	ng	# 82
32) Benzoic acid	10.539	122	157	4.413	ng	# 27
48) 2-Nitroaniline	13.512	65	1525	4.418	ng	# 7
51) 2,6-Dinitrotoluene	14.887	165	19912	12.256	ng	# 21
57) 2,4-Dinitrotoluene	14.887	165	19912	10.443	ng	# 22
65) 4,6-Dinitro-2-methylph...	16.367	198	767	2.812	ng	# 1
67) 4-Bromophenyl-phenylether	16.367	248	15583	4.405	ng	# 1
80) Butylbenzylphthalate	20.903	149	721	3.442	ng	# 34

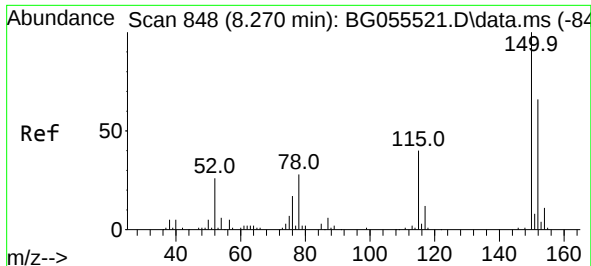
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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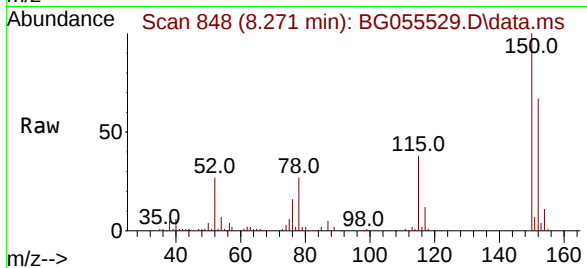
Quant Time: Nov 10 04:31:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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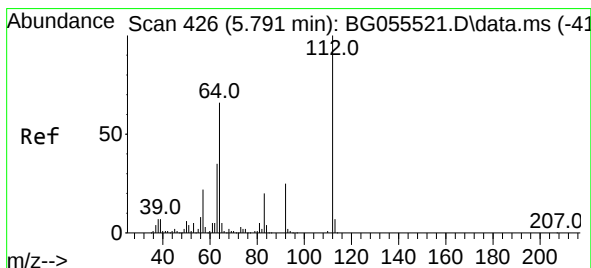
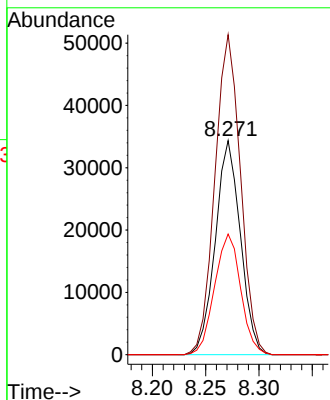
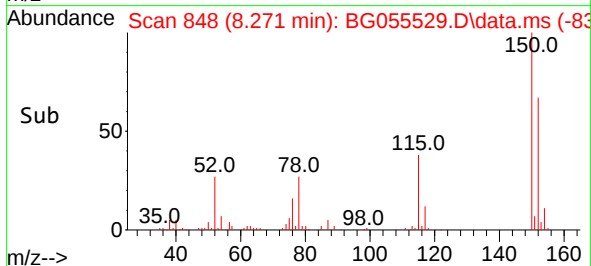


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.271 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG055529.D
Acq: 9 Nov 2022 18:48

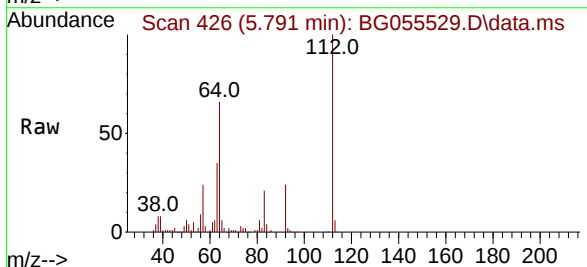
Instrument :
BNA_G
ClientSampleId :
20221169-COMP-04-MODIFIED-ELUTRIATE



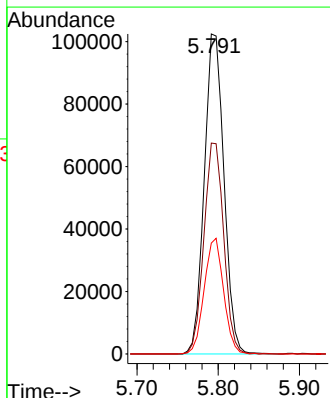
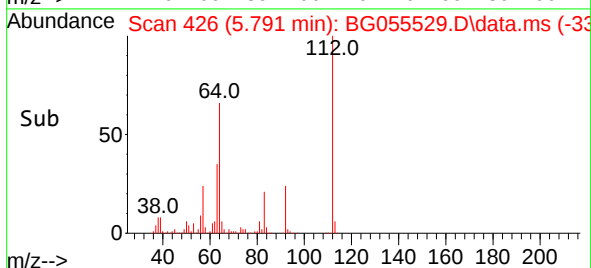
Tgt Ion:152 Resp: 56155
Ion Ratio Lower Upper
152 100
150 149.4 121.0 181.4
115 56.4 47.8 71.8



#5
2-Fluorophenol
Concen: 58.480 ng
RT: 5.791 min Scan# 426
Delta R.T. 0.000 min
Lab File: BG055529.D
Acq: 9 Nov 2022 18:48



Tgt Ion:112 Resp: 172409
Ion Ratio Lower Upper
112 100
64 65.9 52.6 78.8
63 34.7 28.3 42.5

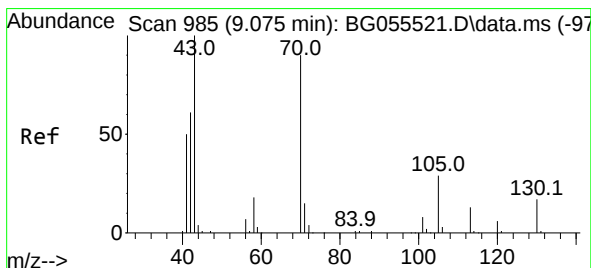
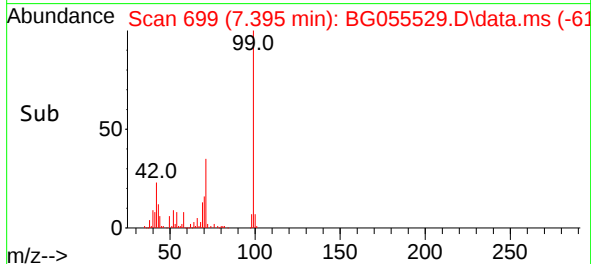
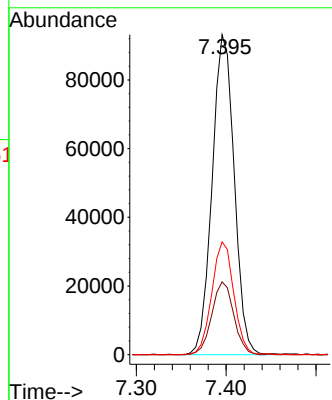
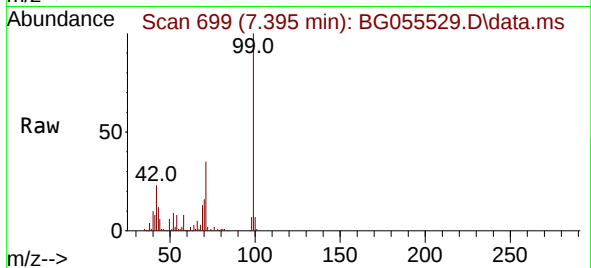




#7
Phenol-d6
Concen: 39.043 ng
RT: 7.395 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG055529.D
Acq: 9 Nov 2022 18:48

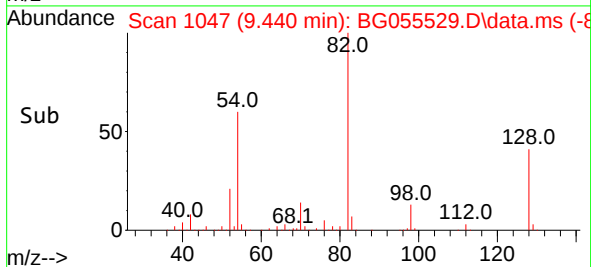
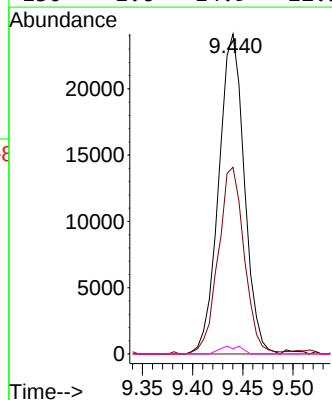
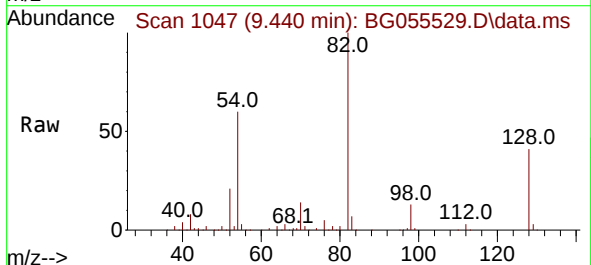
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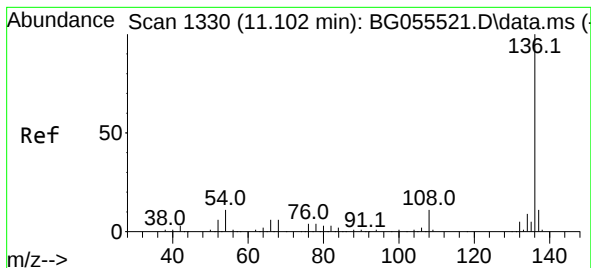
Tgt Ion: 99 Resp: 159000
Ion Ratio Lower Upper
99 100
42 22.8 17.5 26.3
71 35.3 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.707 ng
RT: 9.440 min Scan# 1047
Delta R.T. 0.365 min
Lab File: BG055529.D
Acq: 9 Nov 2022 18:48

Tgt Ion: 70 Resp: 42766
Ion Ratio Lower Upper
70 100
42 58.3 54.8 82.2
101 0.0 6.8 10.2#
130 1.6 14.9 22.3#



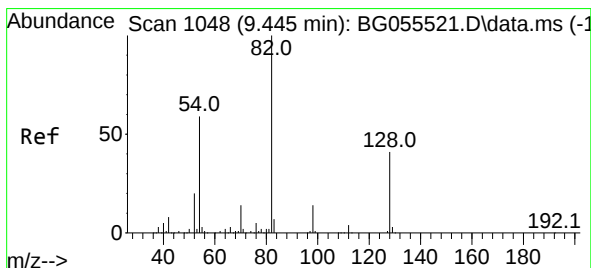
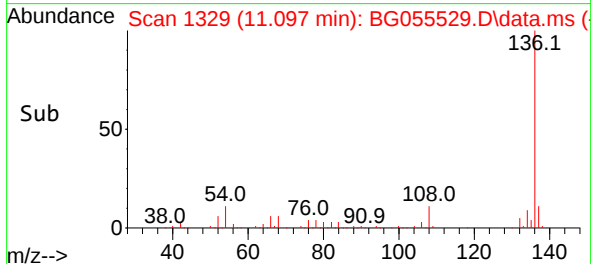
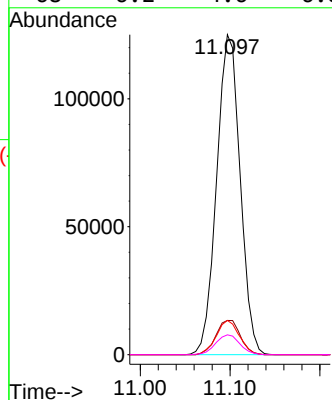
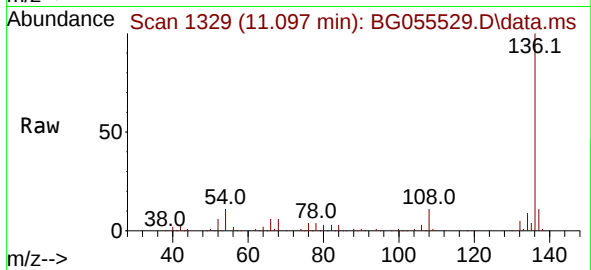


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.097 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055529.D
Acq: 9 Nov 2022 18:48

Instrument :
BNA_G
ClientSampleId :
20221169-COMP-04-MODIFIED-ELUTRIATE

Tgt Ion:136 Resp: 227120

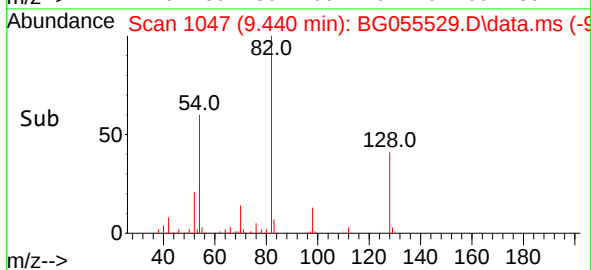
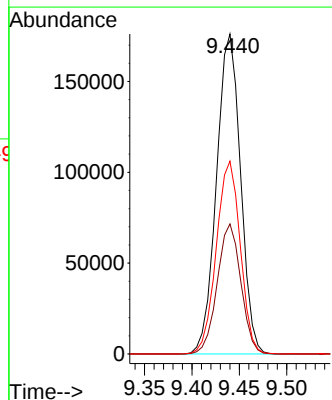
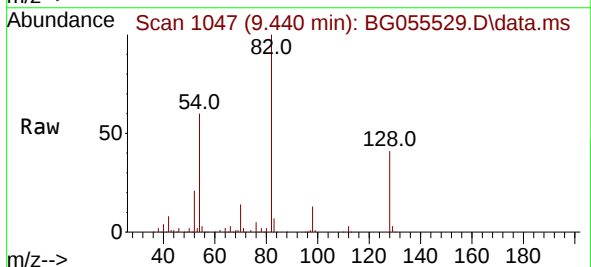
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	10.7	8.6	12.8
68	6.2	4.6	6.8

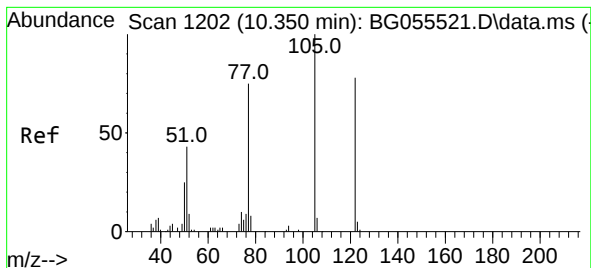


#23
Nitrobenzene-d5
Concen: 92.679 ng
RT: 9.440 min Scan# 1047
Delta R.T. -0.005 min
Lab File: BG055529.D
Acq: 9 Nov 2022 18:48

Tgt Ion: 82 Resp: 310497

Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.6	49.0
54	60.3	47.3	70.9





#32

Benzoic acid

Concen: 4.413 ng

RT: 10.539 min Scan# 11

Delta R.T. 0.189 min

Lab File: BG055529.D

Acq: 9 Nov 2022 18:48

Instrument :

BNA_G

ClientSampleId :

20221169-COMP-04-MODIFIED-ELUTRIATE

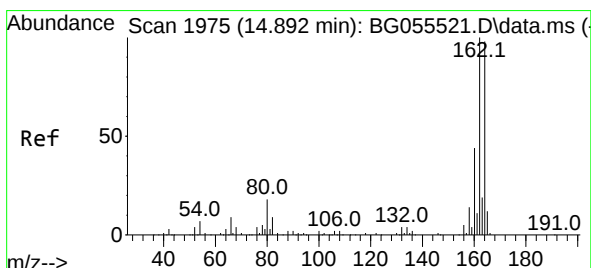
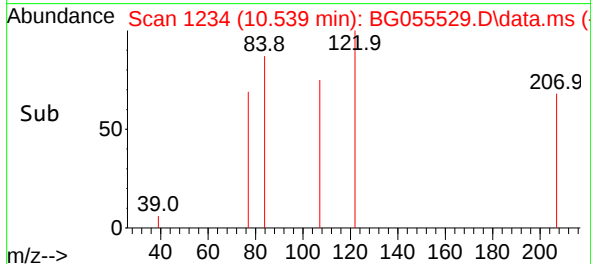
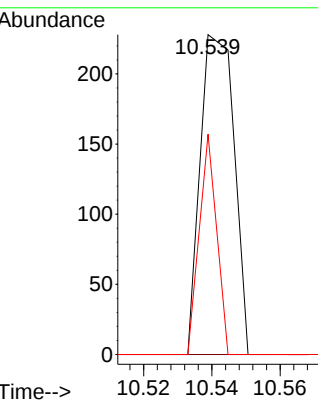
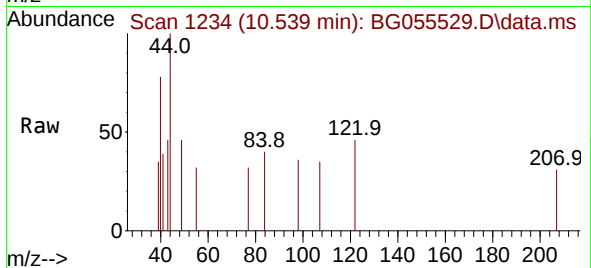
Tgt Ion:122 Resp: 157

Ion Ratio Lower Upper

122 100

105 0.0 101.2 141.2#

77 68.9 74.4 114.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.887 min Scan# 1974

Delta R.T. -0.005 min

Lab File: BG055529.D

Acq: 9 Nov 2022 18:48

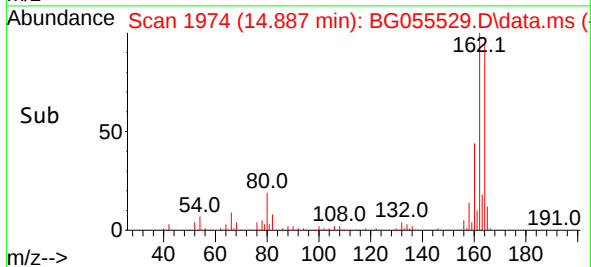
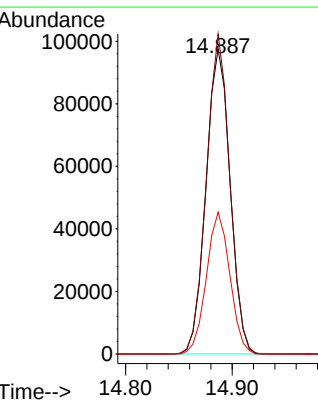
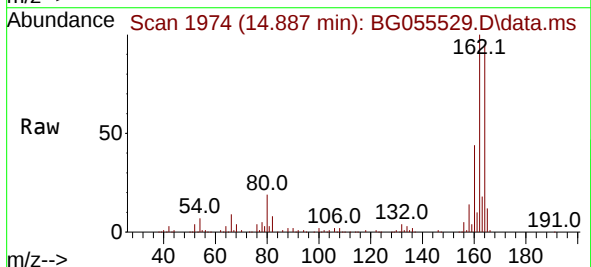
Tgt Ion:164 Resp: 152989

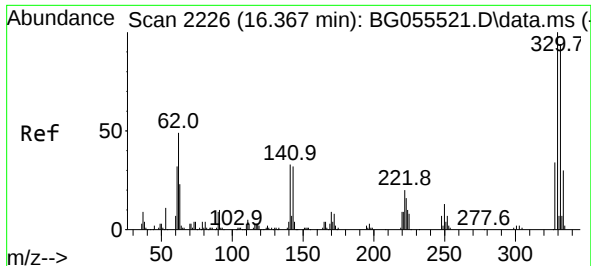
Ion Ratio Lower Upper

164 100

162 104.9 81.3 121.9

160 46.5 35.9 53.9

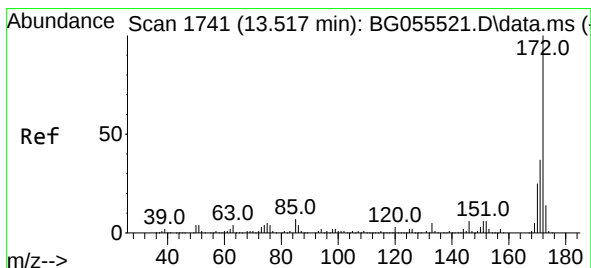
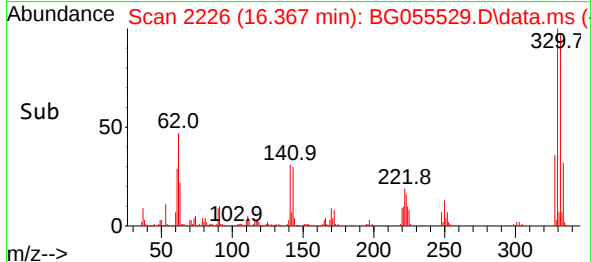
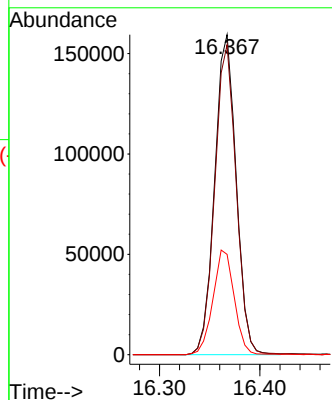
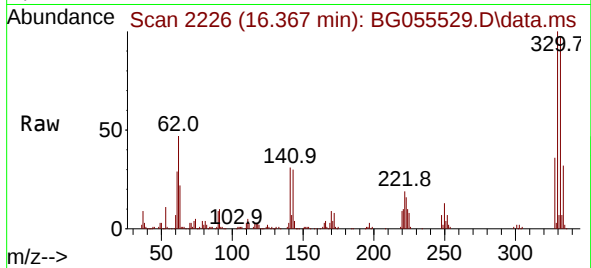




#42
2,4,6-Tribromophenol
Concen: 158.862 ng
RT: 16.367 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG055529.D
Acq: 9 Nov 2022 18:48

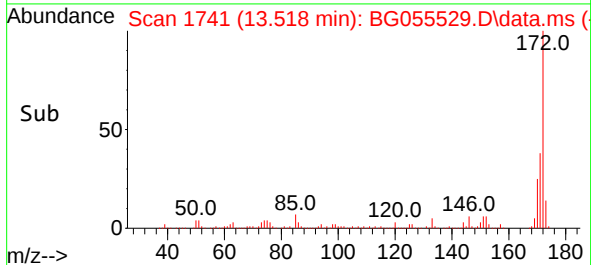
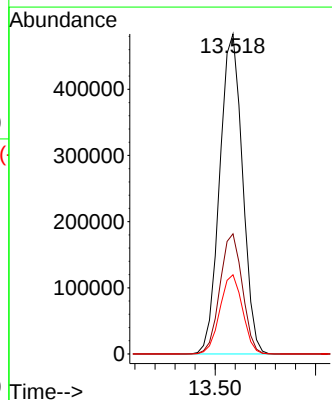
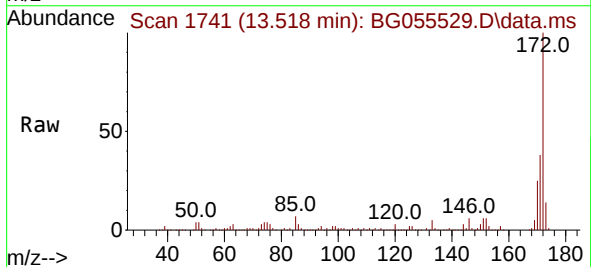
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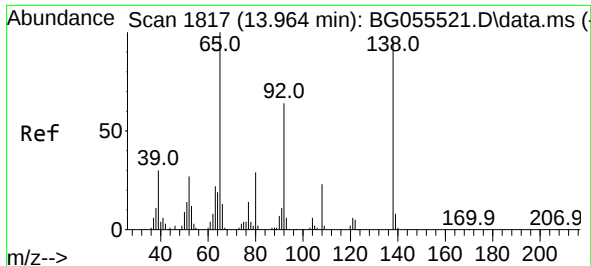
Tgt Ion:330 Resp: 237137
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.2
141 32.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 74.979 ng
RT: 13.518 min Scan# 1741
Delta R.T. 0.001 min
Lab File: BG055529.D
Acq: 9 Nov 2022 18:48

Tgt Ion:172 Resp: 760478
Ion Ratio Lower Upper
172 100
171 37.6 29.7 44.5
170 24.8 19.8 29.6

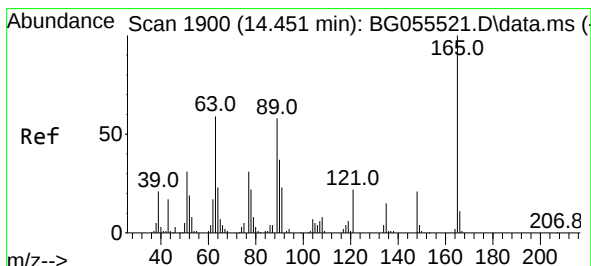
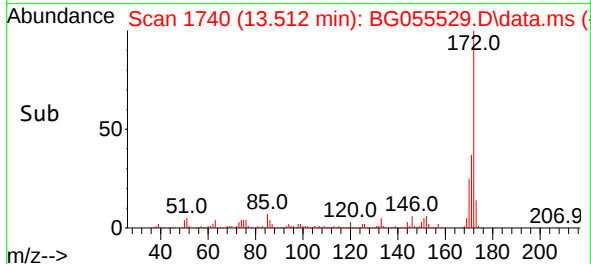
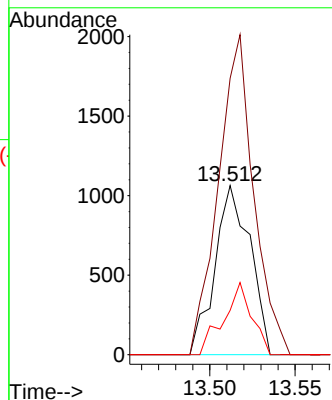
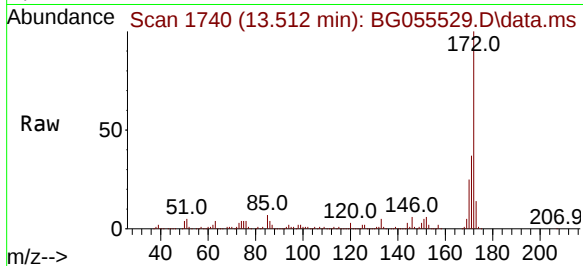




#48
2-Nitroaniline
Concen: 4.418 ng
RT: 13.512 min Scan# 1
Delta R.T. -0.452 min
Lab File: BG055529.D
Acq: 9 Nov 2022 18:48

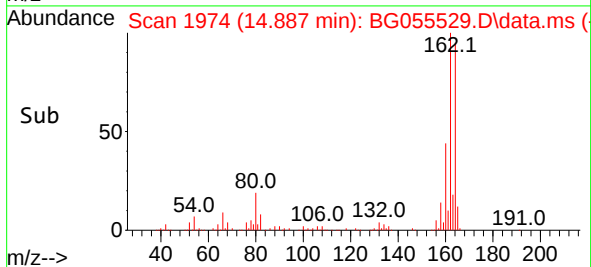
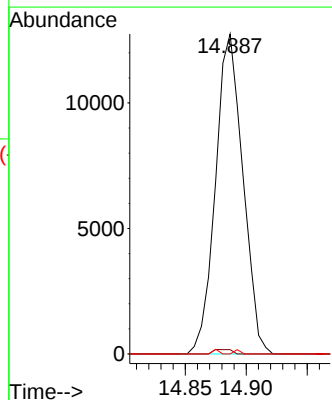
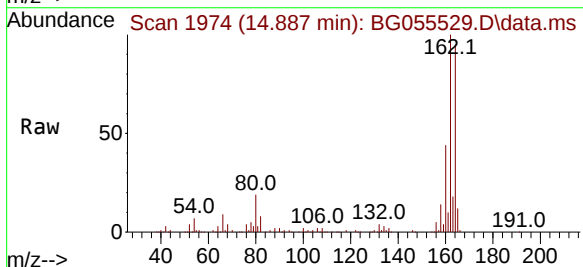
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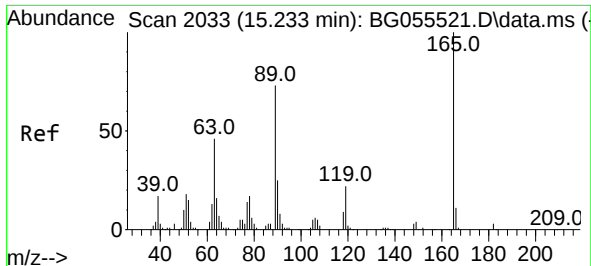
Tgt Ion: 65 Resp: 1525
Ion Ratio Lower Upper
65 100
92 163.3 51.6 77.4#
138 26.2 77.0 115.4#



#51
2,6-Dinitrotoluene
Concen: 12.256 ng
RT: 14.887 min Scan# 1974
Delta R.T. 0.436 min
Lab File: BG055529.D
Acq: 9 Nov 2022 18:48

Tgt Ion: 165 Resp: 19912
Ion Ratio Lower Upper
165 100
63 1.3 50.1 75.1#
89 0.0 46.5 69.7#





#57

2,4-Dinitrotoluene

Concen: 10.443 ng

RT: 14.887 min Scan# 19

Delta R.T. -0.346 min

Lab File: BG055529.D

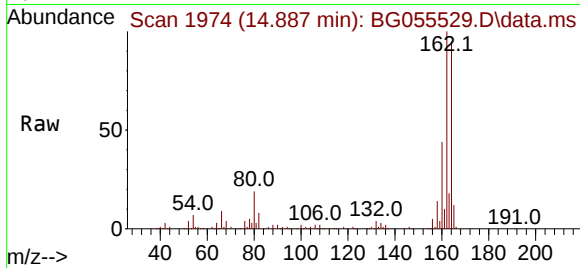
Acq: 9 Nov 2022 18:48

Instrument :

BNA_G

ClientSampleId :

20221169-COMP-04-MODIFIED-ELUTRIATE



Tgt Ion:165 Resp: 19912

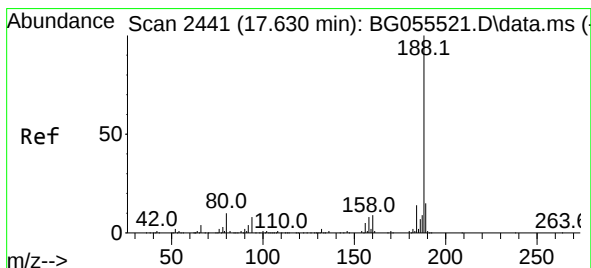
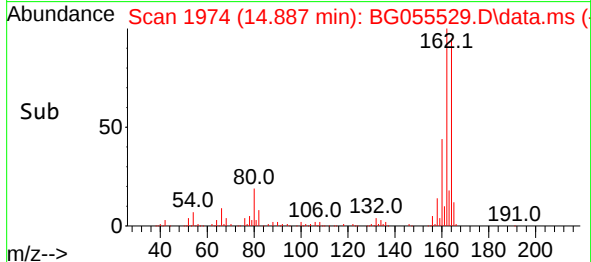
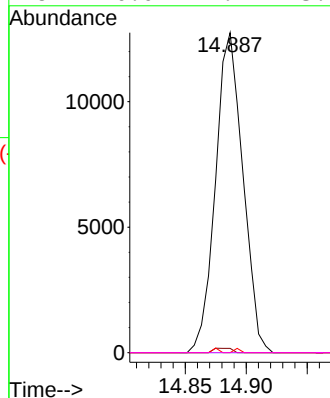
Ion Ratio Lower Upper

165 100

63 1.3 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: 17.625 min Scan# 2440

Delta R.T. -0.005 min

Lab File: BG055529.D

Acq: 9 Nov 2022 18:48

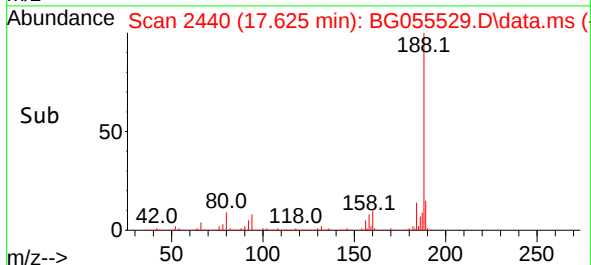
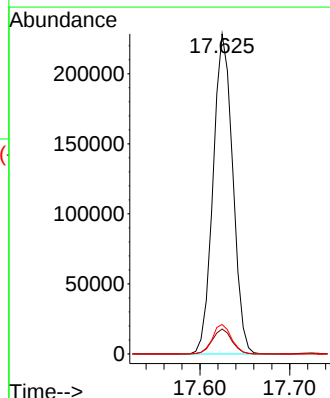
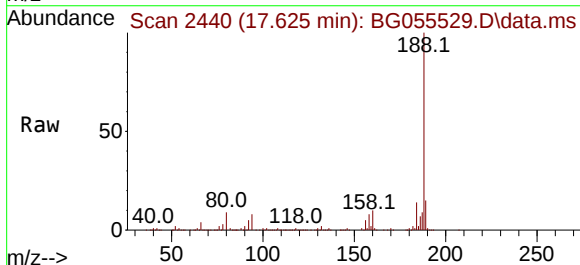
Tgt Ion:188 Resp: 346772

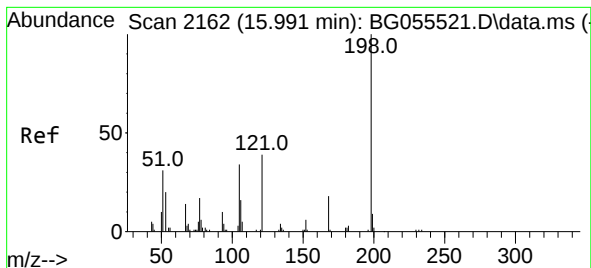
Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

80 9.2 7.6 11.4

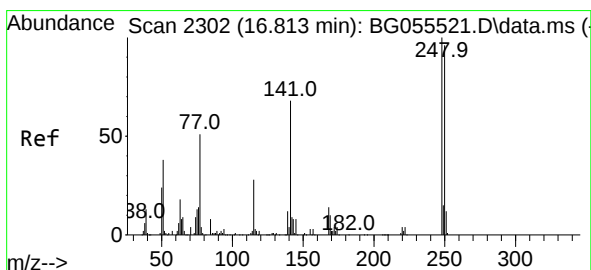
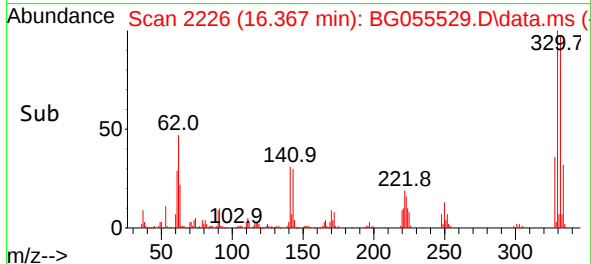
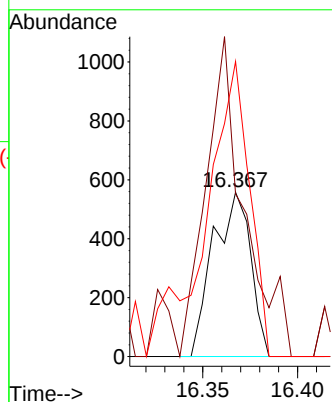
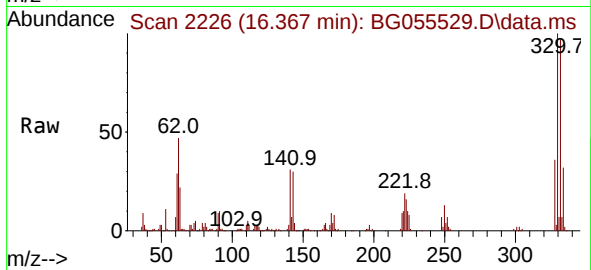




#65
4,6-Dinitro-2-methylphenol
Concen: 2.812 ng
RT: 16.367 min Scan# 2162
Delta R.T. 0.376 min
Lab File: BG055529.D
Acq: 9 Nov 2022 18:48

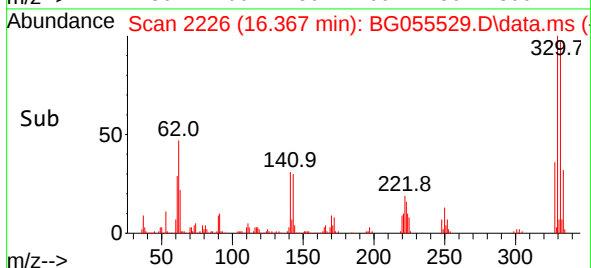
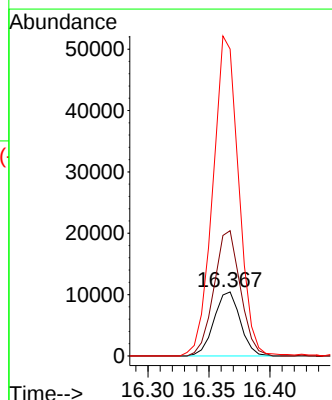
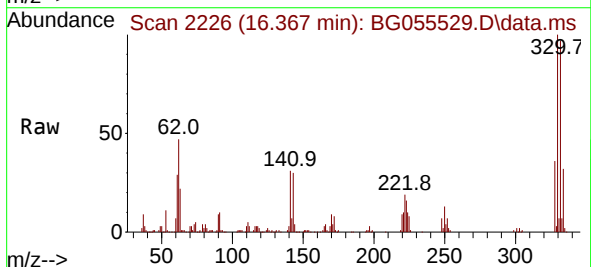
Instrument : BNA_G
ClientSampleId : 20221169-COMP-04-MODIFIED-ELUTRIATE

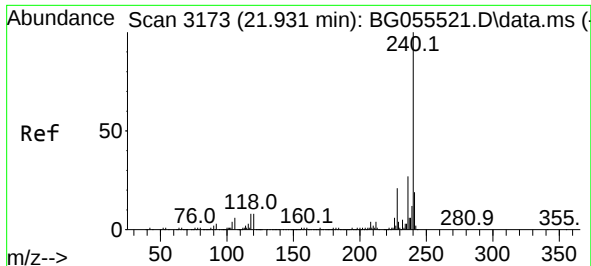
Tgt Ion:198 Resp: 767
Ion Ratio Lower Upper
198 100
51 98.9 24.7 64.7#
105 179.6 17.6 57.6#



#67
4-Bromophenyl-phenylether
Concen: 4.405 ng
RT: 16.367 min Scan# 2226
Delta R.T. -0.446 min
Lab File: BG055529.D
Acq: 9 Nov 2022 18:48

Tgt Ion:248 Resp: 15583
Ion Ratio Lower Upper
248 100
250 195.6 76.9 115.3#
141 479.4 54.3 81.5#

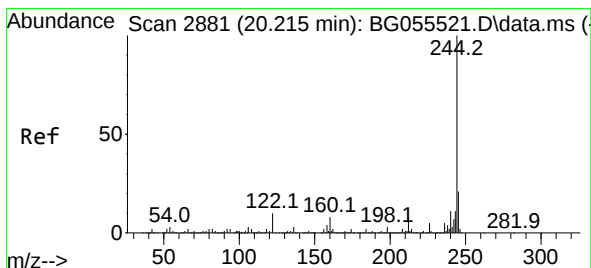
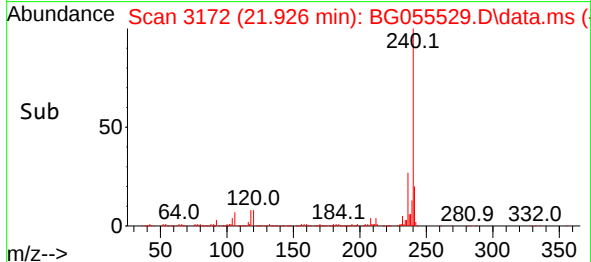
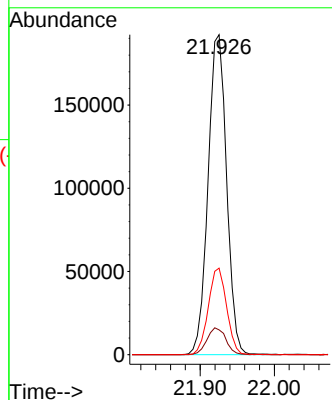
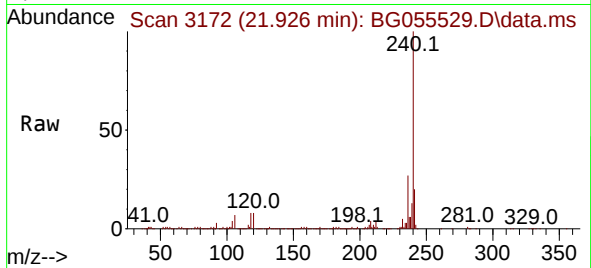




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.926 min Scan# 3173
Delta R.T. -0.006 min
Lab File: BG055529.D
Acq: 9 Nov 2022 18:48

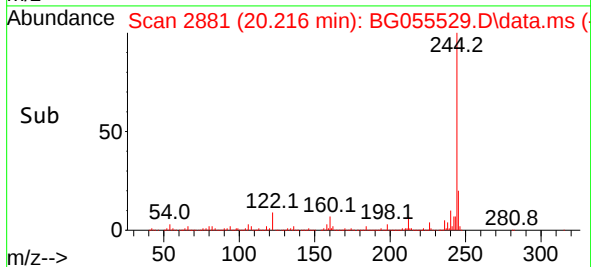
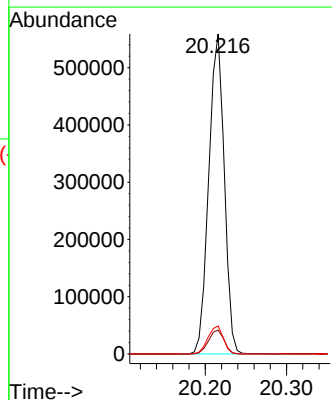
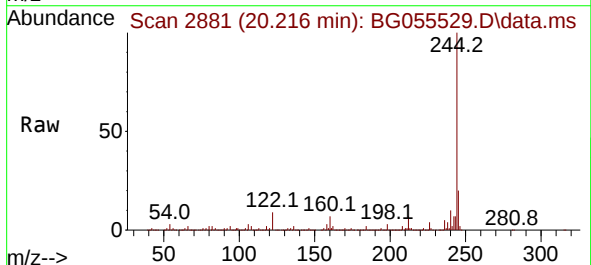
Instrument :
BNA_G
ClientSampleId :
20221169-COMP-04-MODIFIED-ELUTRIATE

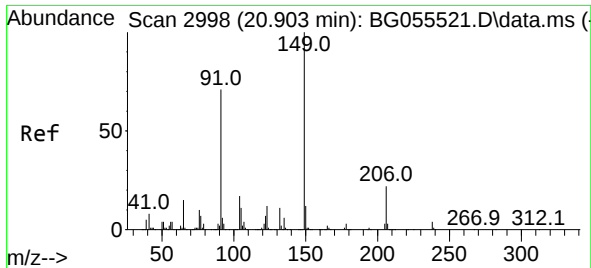
Tgt Ion:240 Resp: 333321
Ion Ratio Lower Upper
240 100
120 7.7 6.1 9.1
236 27.1 21.4 32.0



#79
Terphenyl-d14
Concen: 44.530 ng
RT: 20.216 min Scan# 2881
Delta R.T. 0.001 min
Lab File: BG055529.D
Acq: 9 Nov 2022 18:48

Tgt Ion:244 Resp: 738970
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 8.8 7.7 11.5

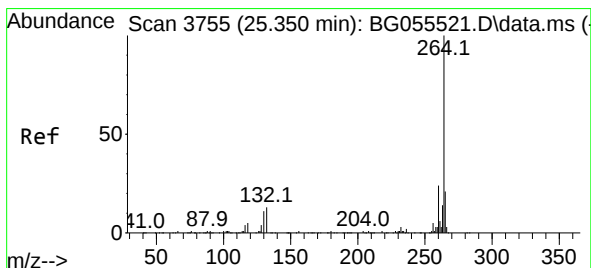
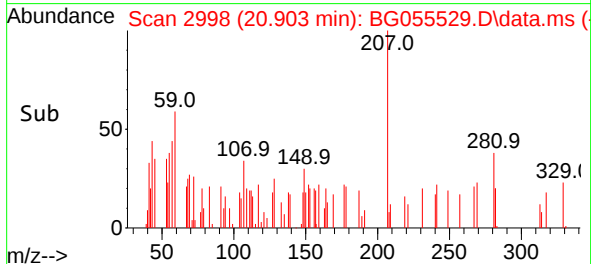
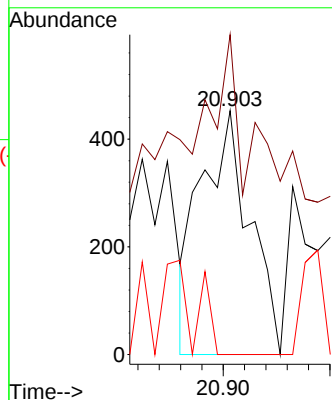
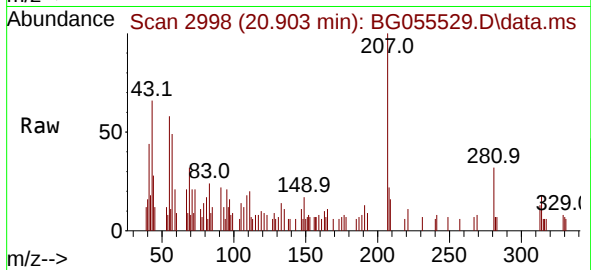




#80
Butylbenzylphthalate
Concen: 3.442 ng
RT: 20.903 min Scan# 2998
Delta R.T. 0.000 min
Lab File: BG055529.D
Acq: 9 Nov 2022 18:48

Instrument :
BNA_G
ClientSampleId :
20221169-COMP-04-MODIFIED-ELUTRIATE

Tgt Ion:149 Resp: 721
Ion Ratio Lower Upper
149 100
91 131.1 56.8 85.2#
206 0.0 17.3 25.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.345 min Scan# 3754
Delta R.T. -0.005 min
Lab File: BG055529.D
Acq: 9 Nov 2022 18:48

Tgt Ion:264 Resp: 352700
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 22.0 17.1 25.7

