

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092622\
 Data File : BG055026.D
 Acq On : 26 Sep 2022 14:32
 Operator : CG/JU
 Sample : N4796-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-12016

Quant Time: Sep 27 05:35:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 17:41:40 2022
 Response via : Initial Calibration

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

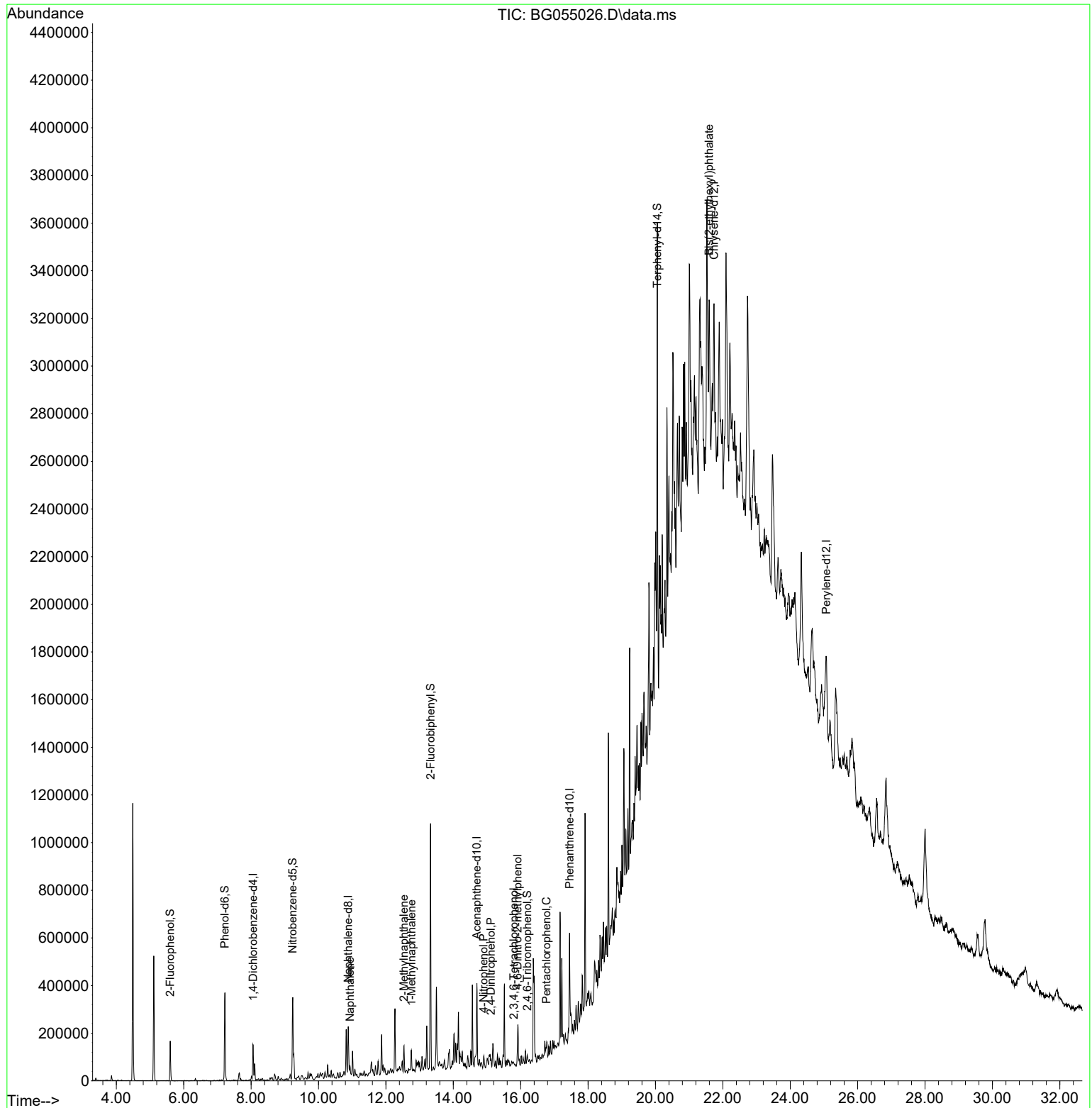
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	48477	20.000	ng	0.00
21) Naphthalene-d8	10.882	136	186544	20.000	ng	# 0.00
39) Acenaphthene-d10	14.701	164	128349	20.000	ng	0.00
64) Phenanthrene-d10	17.451	188	271416	20.000	ng	0.00
76) Chrysene-d12	21.740	240	242648	20.000	ng	# 0.00
86) Perylene-d12	25.071	264	268737	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.600	112	87524	35.327	ng	0.00
7) Phenol-d6	7.221	99	250816	75.529	ng	0.00
23) Nitrobenzene-d5	9.237	82	220980	68.662	ng	0.00
42) 2,4,6-Tribromophenol	16.193	330	8651	5.754	ng	0.00
45) 2-Fluorobiphenyl	13.326	172	596107	73.195	ng	0.00
79) Terphenyl-d14	20.053	244	889217	76.658	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.935	128	23805	2.441	ng	97
37) 2-Methylnaphthalene	12.539	142	61711	8.881	ng	99
38) 1-Methylnaphthalene	12.756	142	46536	6.847	ng	100
54) 2,4-Dinitrophenol	15.118	184	136	9.091	ng	# 1
56) 4-Nitrophenol	14.901	139	1798	5.371	ng	# 40
59) 2,3,4,6-Tetrachlorophenol	15.794	232	60	2.858	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.911	198	54	5.024	ng	# 1
70) Pentachlorophenol	16.763	266	68	6.516	ng	# 19
84) Bis(2-ethylhexyl)phtha...	21.593	149	86430	9.722	ng	# 89

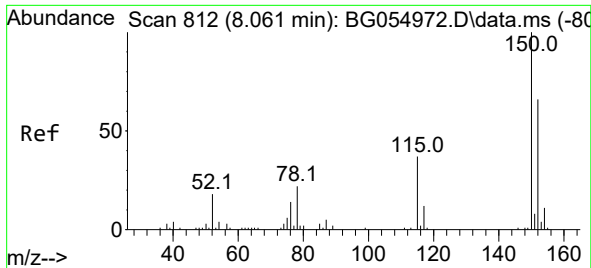
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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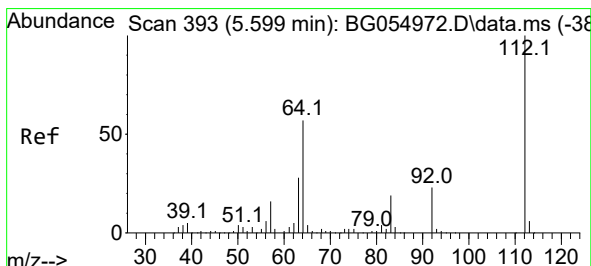
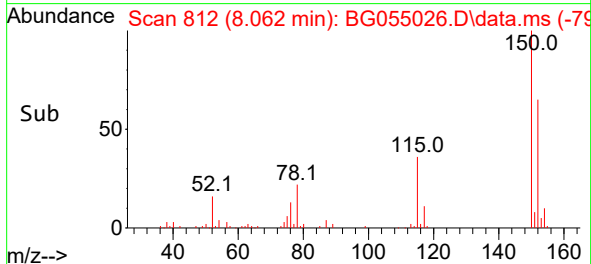
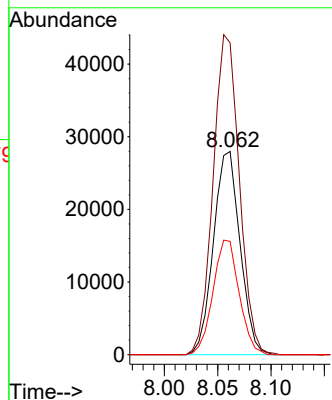
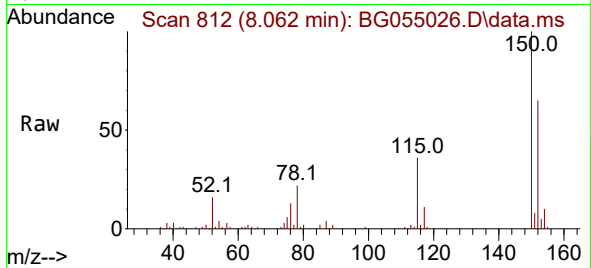




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.062 min Scan# 812
Delta R.T. 0.001 min
Lab File: BG055026.D
Acq: 26 Sep 2022 14:32

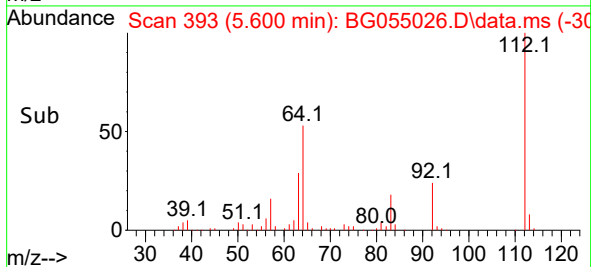
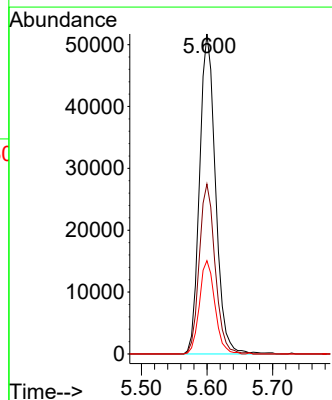
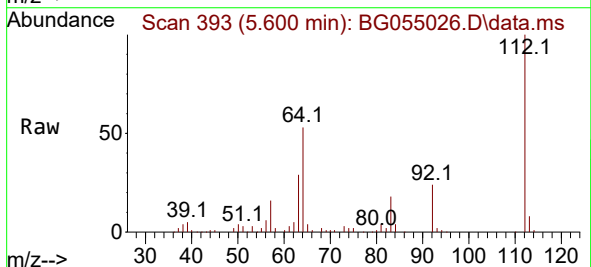
Instrument :
BNA_G
ClientSampleId :
72-12016

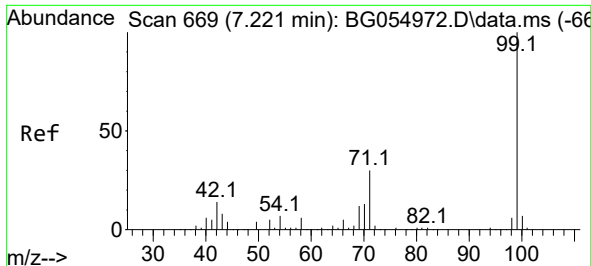
Tgt Ion:152 Resp: 48477
Ion Ratio Lower Upper
152 100
150 153.4 125.2 187.8
115 55.7 47.9 71.9



#5
2-Fluorophenol
Concen: 35.327 ng
RT: 5.600 min Scan# 393
Delta R.T. 0.001 min
Lab File: BG055026.D
Acq: 26 Sep 2022 14:32

Tgt Ion:112 Resp: 87524
Ion Ratio Lower Upper
112 100
64 53.1 49.3 73.9
63 29.2 26.3 39.5

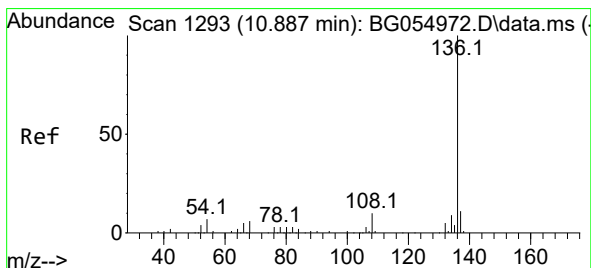
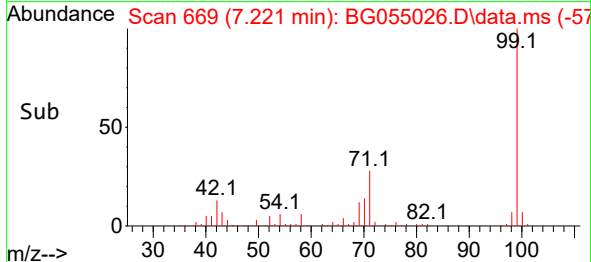
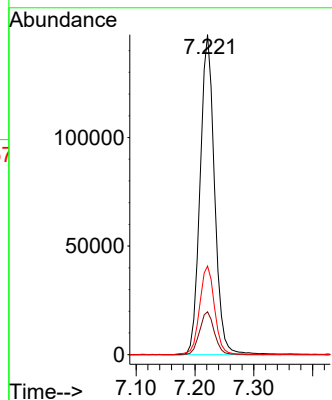
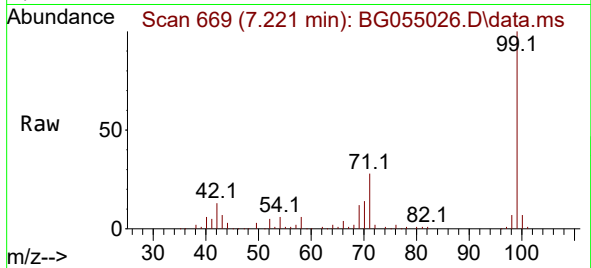




#7
Phenol-d6
Concen: 75.529 ng
RT: 7.221 min Scan# 669
Delta R.T. 0.001 min
Lab File: BG055026.D
Acq: 26 Sep 2022 14:32

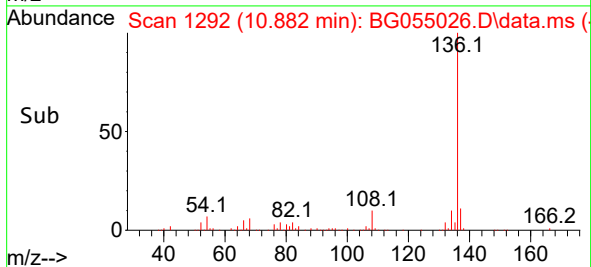
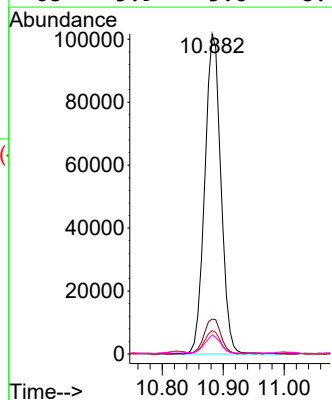
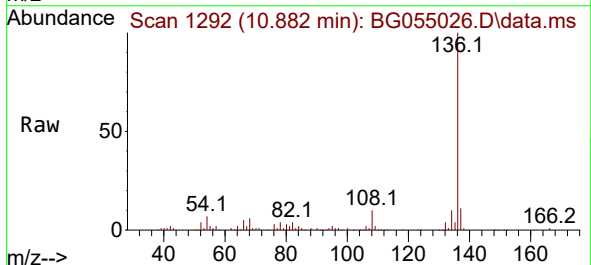
Instrument :
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ClientSampleId :
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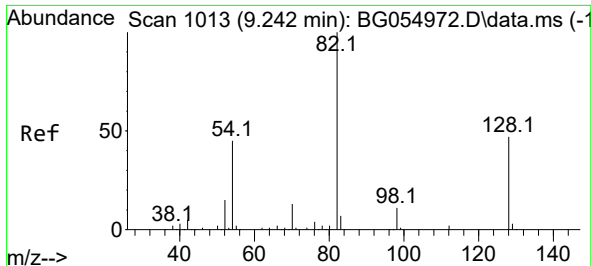
Tgt Ion: 99 Resp: 250816
Ion Ratio Lower Upper
99 100
42 13.4 14.6 22.0#
71 27.7 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.882 min Scan# 1292
Delta R.T. -0.005 min
Lab File: BG055026.D
Acq: 26 Sep 2022 14:32

Tgt Ion: 136 Resp: 186544
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 7.3 7.7 11.5#
68 5.9 5.6 8.4

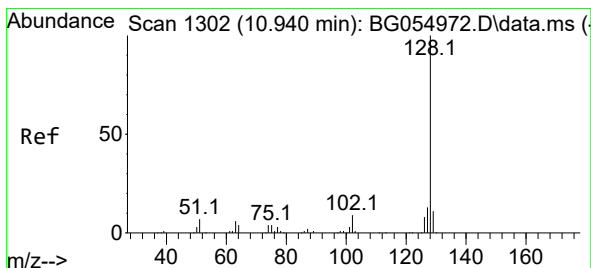
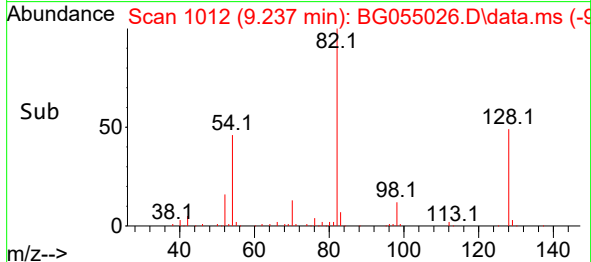
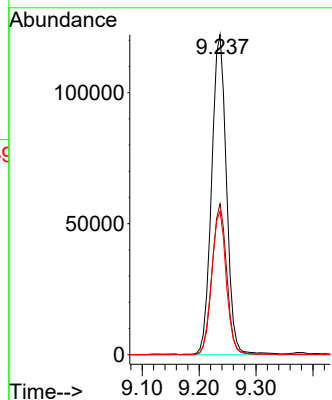
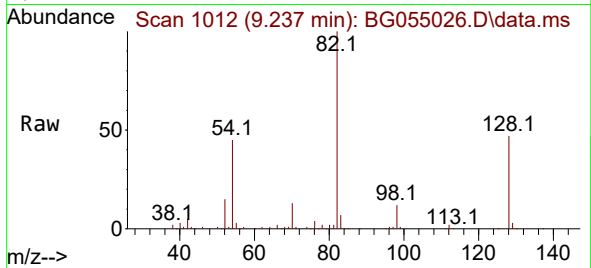




#23
Nitrobenzene-d5
Concen: 68.662 ng
RT: 9.237 min Scan# 1012
Delta R.T. -0.005 min
Lab File: BG055026.D
Acq: 26 Sep 2022 14:32

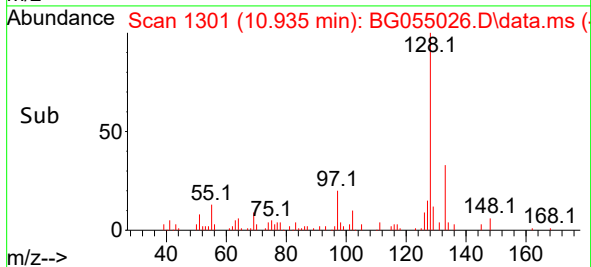
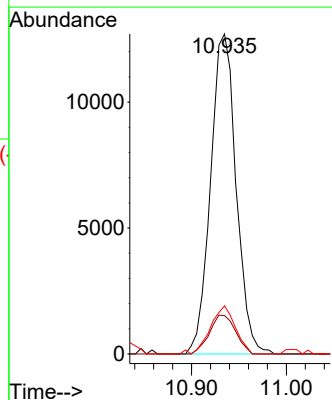
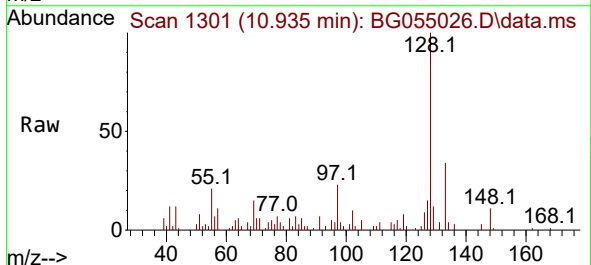
Instrument :
BNA_G
ClientSampleId :
72-12016

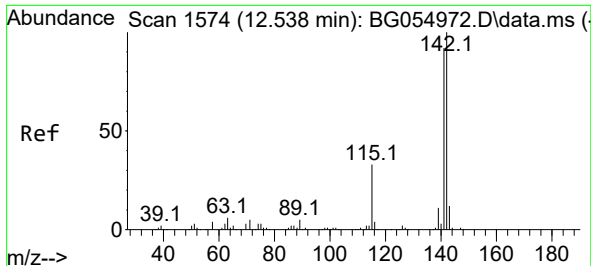
Tgt Ion: 82 Resp: 220980
Ion Ratio Lower Upper
82 100
128 47.2 32.2 48.2
54 44.8 41.4 62.0



#31
Naphthalene
Concen: 2.441 ng
RT: 10.935 min Scan# 1301
Delta R.T. -0.005 min
Lab File: BG055026.D
Acq: 26 Sep 2022 14:32

Tgt Ion:128 Resp: 23805
Ion Ratio Lower Upper
128 100
129 12.0 9.0 13.4
127 15.1 11.1 16.7





#37

2-Methylnaphthalene

Concen: 8.881 ng

RT: 12.539 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG055026.D

Acq: 26 Sep 2022 14:32

Instrument :

BNA_G

ClientSampleId :

72-12016

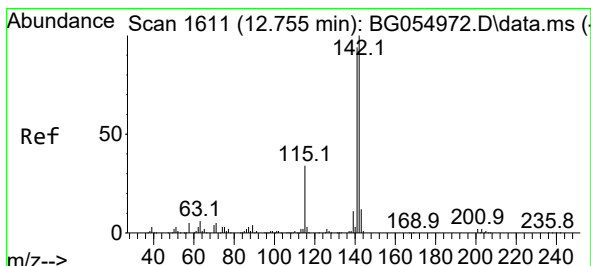
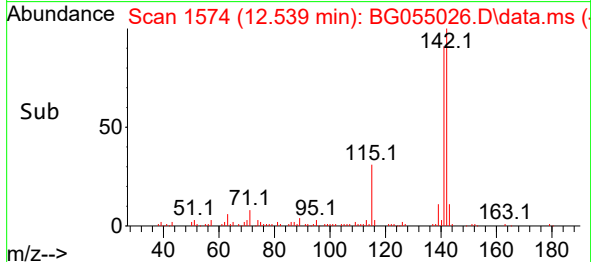
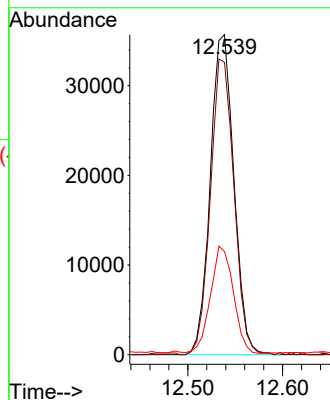
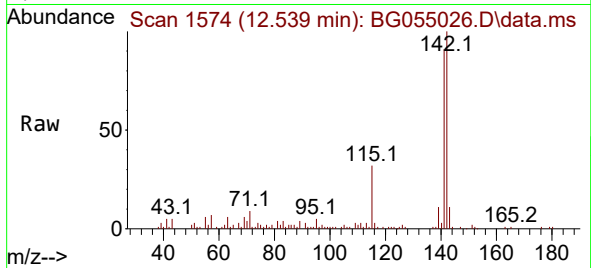
Tgt Ion:142 Resp: 61711

Ion Ratio Lower Upper

142 100

141 91.3 73.0 109.4

115 32.2 27.3 40.9



#38

1-Methylnaphthalene

Concen: 6.847 ng

RT: 12.756 min Scan# 1611

Delta R.T. 0.001 min

Lab File: BG055026.D

Acq: 26 Sep 2022 14:32

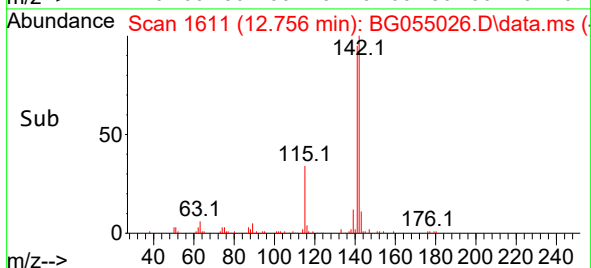
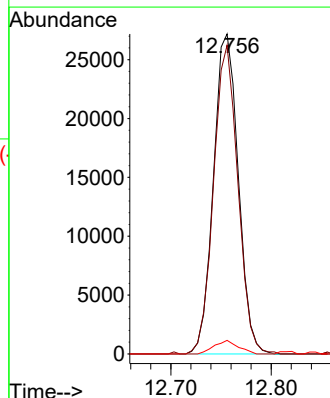
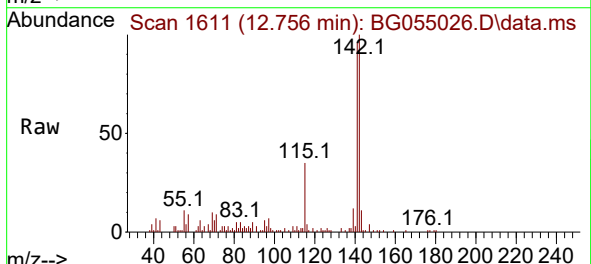
Tgt Ion:142 Resp: 46536

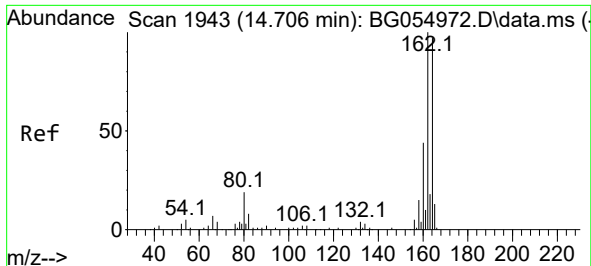
Ion Ratio Lower Upper

142 100

141 96.5 77.4 116.0

116 4.3 3.0 4.4

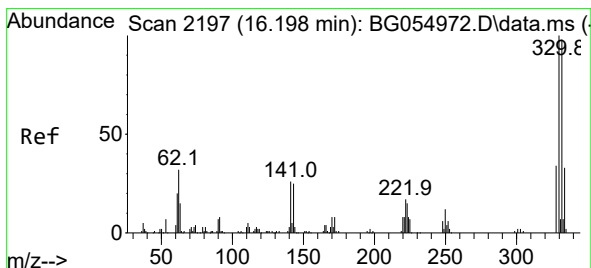
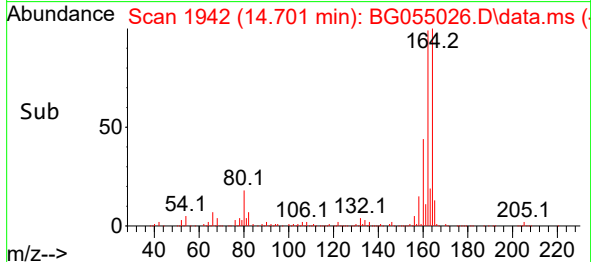
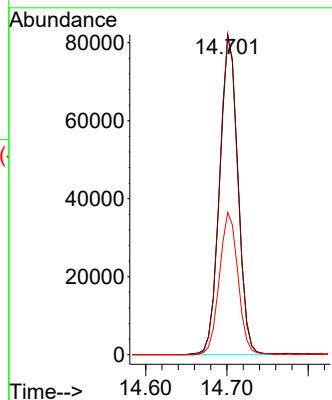
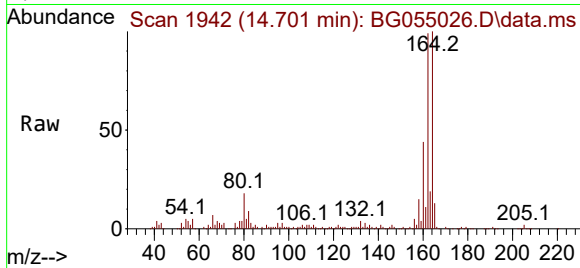




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.701 min Scan# 1942
Delta R.T. -0.005 min
Lab File: BG055026.D
Acq: 26 Sep 2022 14:32

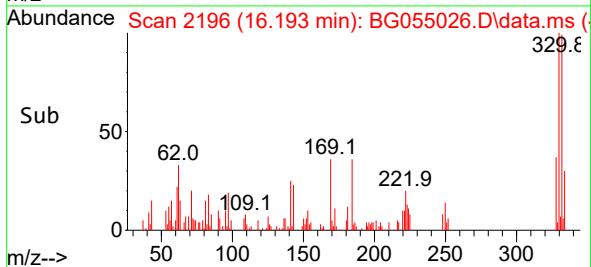
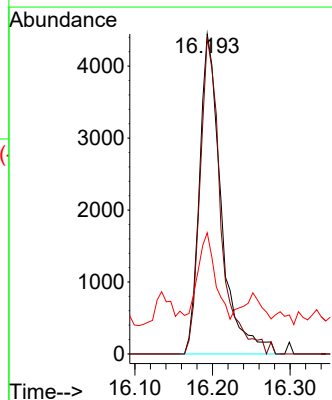
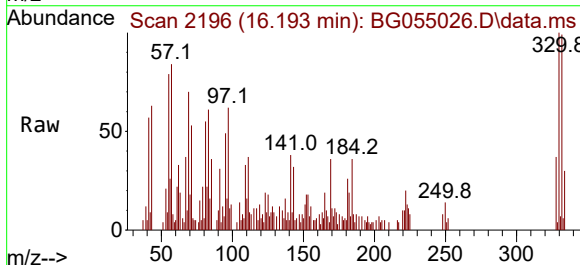
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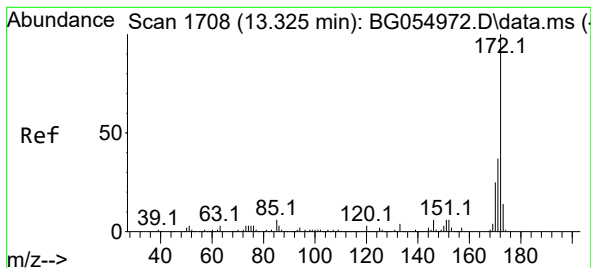
Tgt Ion:164 Resp: 128349
Ion Ratio Lower Upper
164 100
162 99.3 83.0 124.4
160 44.4 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 5.754 ng
RT: 16.193 min Scan# 2196
Delta R.T. -0.005 min
Lab File: BG055026.D
Acq: 26 Sep 2022 14:32

Tgt Ion:330 Resp: 8651
Ion Ratio Lower Upper
330 100
332 95.1 79.8 119.6
141 21.0 26.8 40.2#

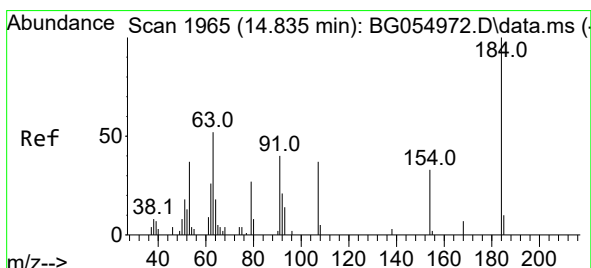
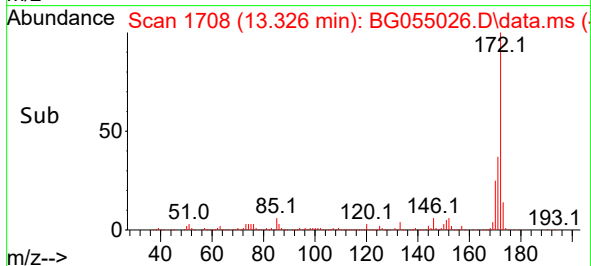
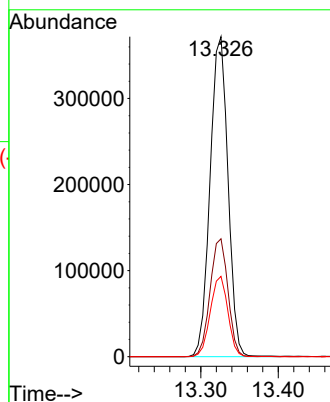
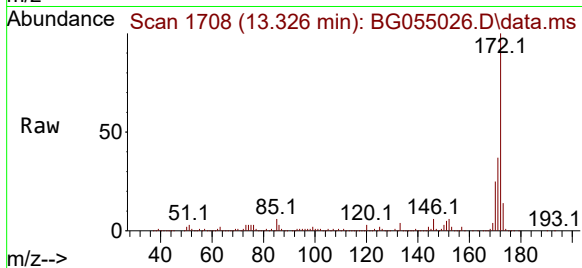




#45
2-Fluorobiphenyl
Concen: 73.195 ng
RT: 13.326 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG055026.D
Acq: 26 Sep 2022 14:32

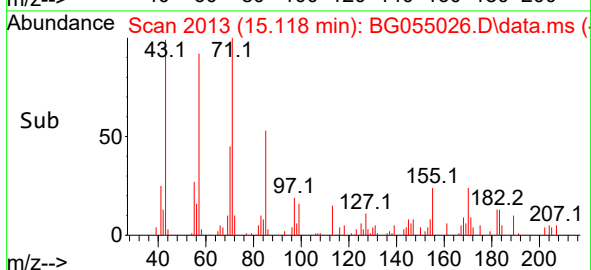
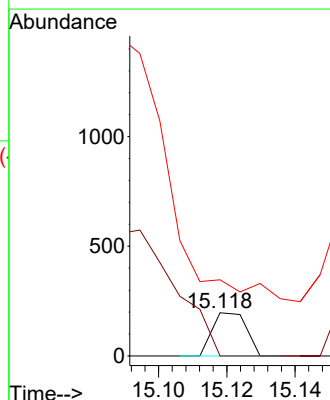
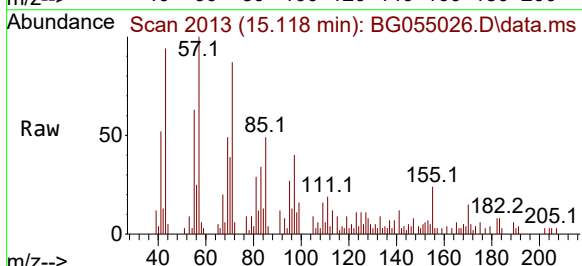
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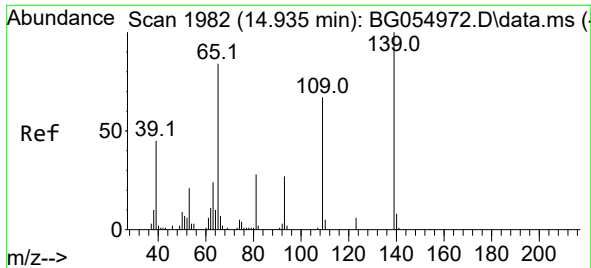
Tgt Ion:172 Resp: 596107
Ion Ratio Lower Upper
172 100
171 36.9 31.2 46.8
170 25.1 20.6 30.8



#54
2,4-Dinitrophenol
Concen: 9.091 ng
RT: 15.118 min Scan# 2013
Delta R.T. 0.283 min
Lab File: BG055026.D
Acq: 26 Sep 2022 14:32

Tgt Ion:184 Resp: 136
Ion Ratio Lower Upper
184 100
63 0.0 41.8 62.8#
154 176.1 45.2 67.8#

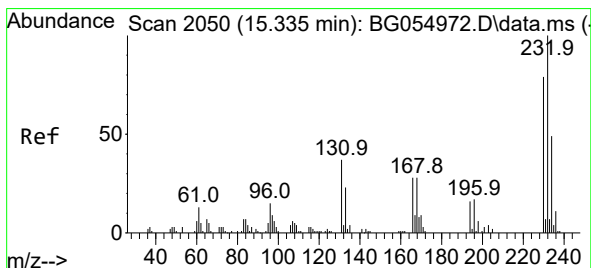
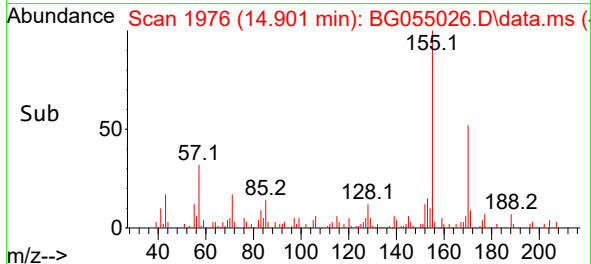
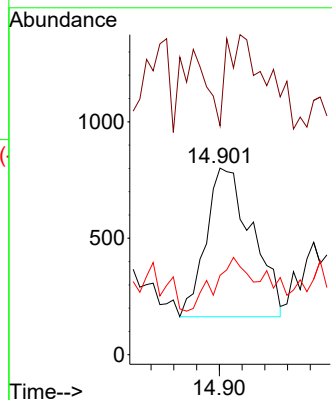
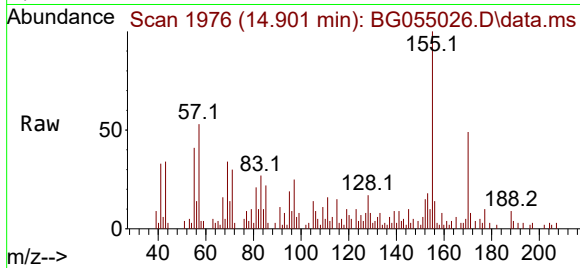




#56
4-Nitrophenol
Concen: 5.371 ng
RT: 14.901 min Scan# 11
Delta R.T. -0.034 min
Lab File: BG055026.D
Acq: 26 Sep 2022 14:32

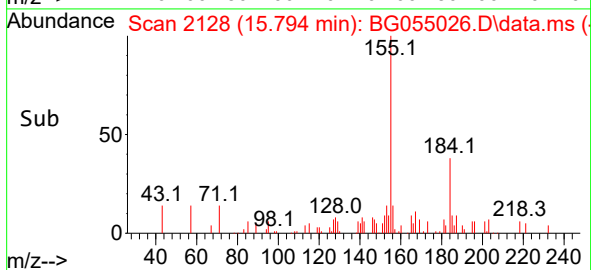
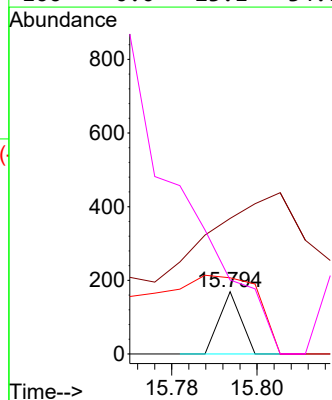
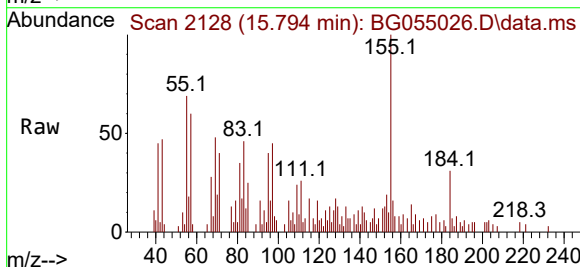
Instrument :
BNA_G
ClientSampleId :
72-12016

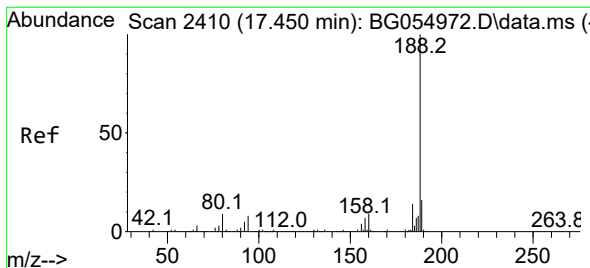
Tgt Ion:139 Resp: 1798
Ion Ratio Lower Upper
139 100
109 122.7 50.5 90.5#
65 42.6 79.9 119.9#



#59
2,3,4,6-Tetrachlorophenol
Concen: 2.858 ng
RT: 15.794 min Scan# 2128
Delta R.T. 0.459 min
Lab File: BG055026.D
Acq: 26 Sep 2022 14:32

Tgt Ion:232 Resp: 60
Ion Ratio Lower Upper
232 100
131 578.3 31.3 46.9#
130 651.7 1.8 2.6#
166 0.0 23.1 34.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.451 min Scan# 2410

Delta R.T. 0.001 min

Lab File: BG055026.D

Acq: 26 Sep 2022 14:32

Instrument :

BNA_G

ClientSampleId :

72-12016

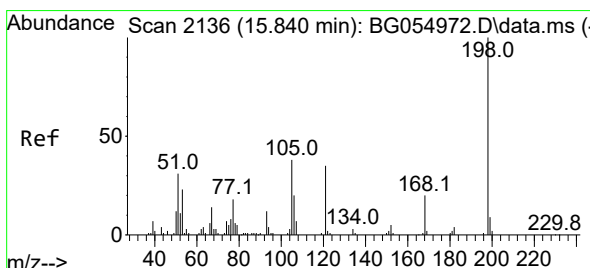
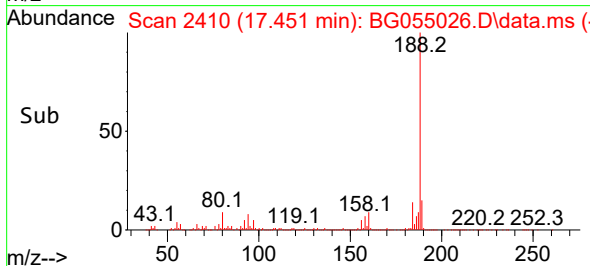
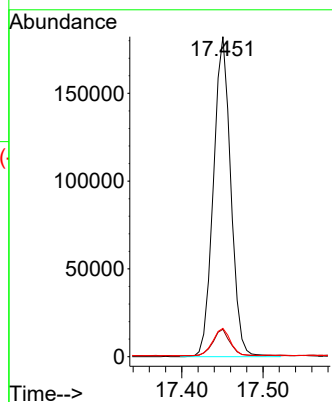
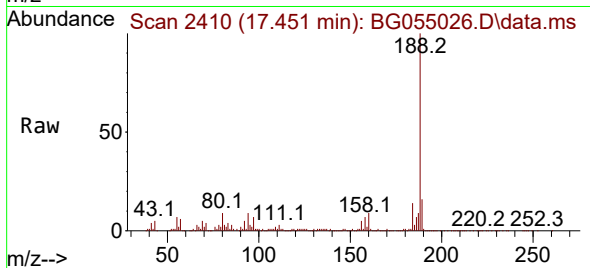
Tgt Ion:188 Resp: 271416

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

80 8.9 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 5.024 ng

RT: 15.911 min Scan# 2148

Delta R.T. 0.071 min

Lab File: BG055026.D

Acq: 26 Sep 2022 14:32

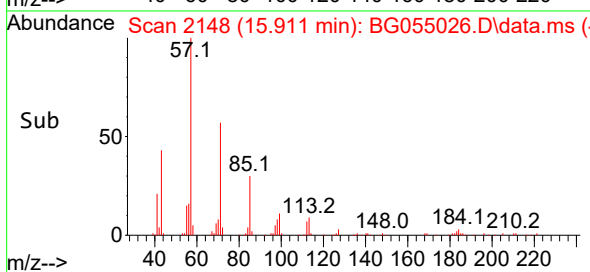
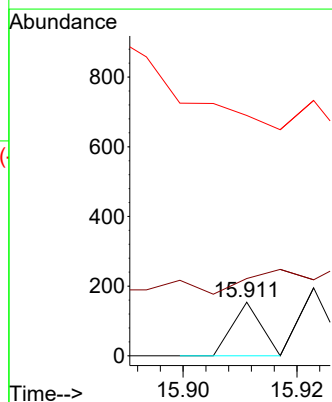
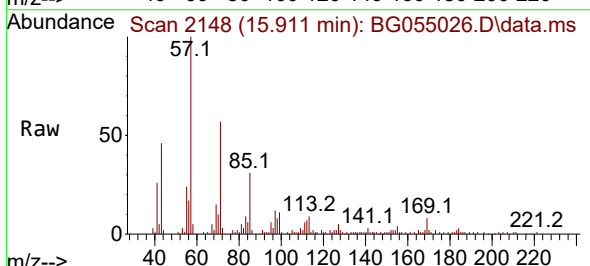
Tgt Ion:198 Resp: 54

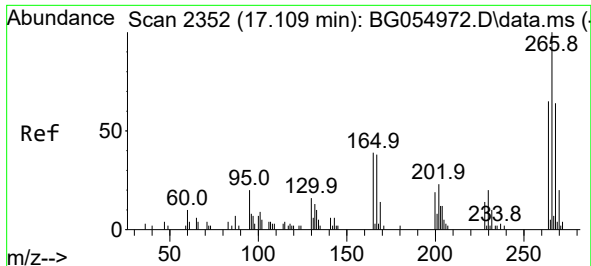
Ion Ratio Lower Upper

198 100

51 144.2 19.9 59.9#

105 448.1 20.3 60.3#

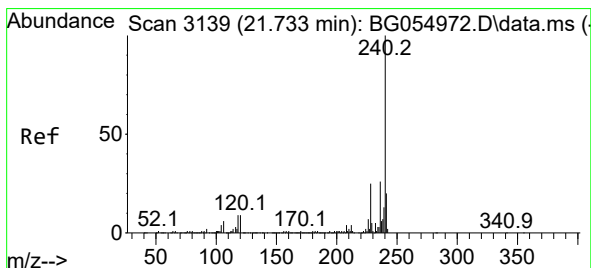
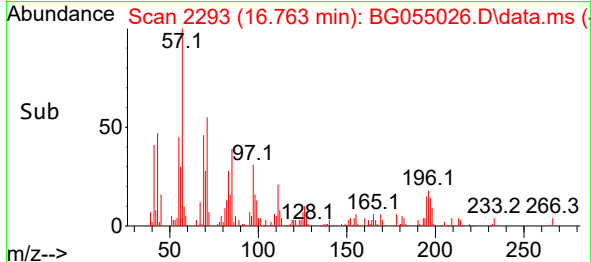
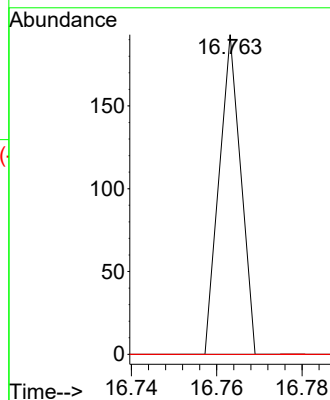
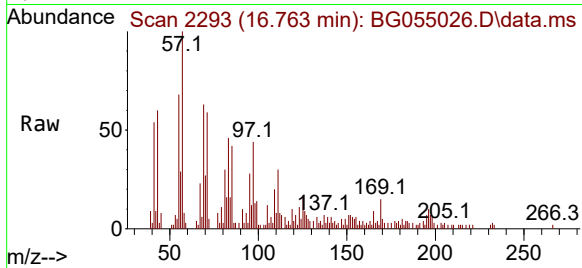




#70
 Pentachlorophenol
 Concen: 6.516 ng
 RT: 16.763 min Scan# 21
 Delta R.T. -0.346 min
 Lab File: BG055026.D
 Acq: 26 Sep 2022 14:32

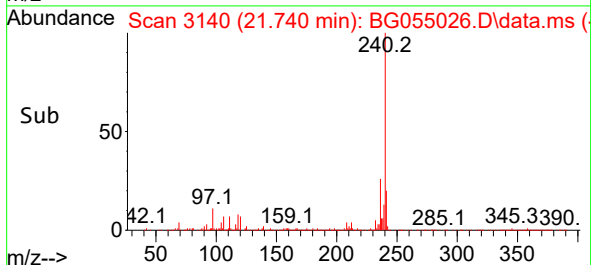
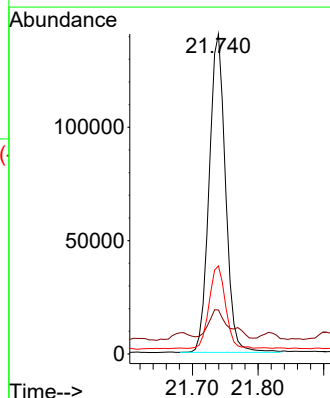
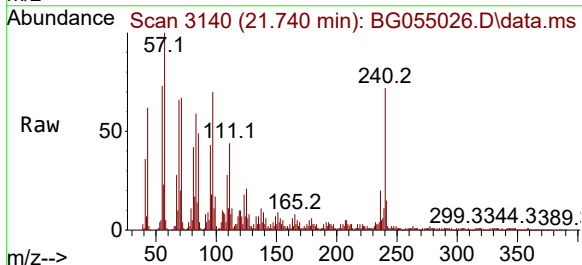
Instrument :
 BNA_G
 ClientSampleId :
 72-12016

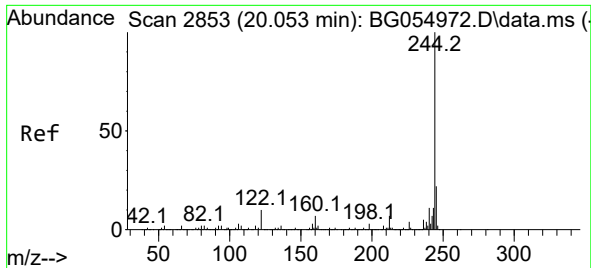
Tgt Ion:266 Resp: 68
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.2 76.8#
 264 0.0 49.4 74.0#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.740 min Scan# 3140
 Delta R.T. 0.007 min
 Lab File: BG055026.D
 Acq: 26 Sep 2022 14:32

Tgt Ion:240 Resp: 242648
 Ion Ratio Lower Upper
 240 100
 120 13.7 8.2 12.4#
 236 27.5 21.2 31.8

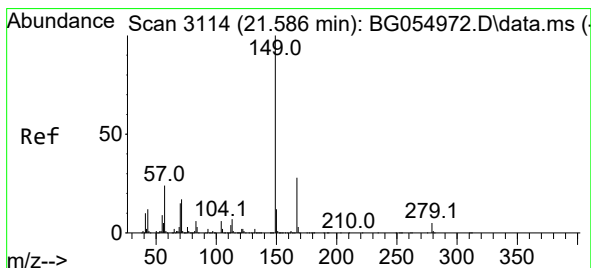
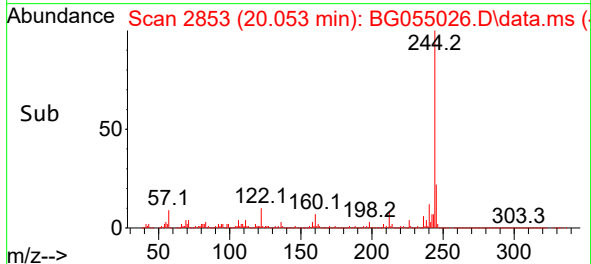
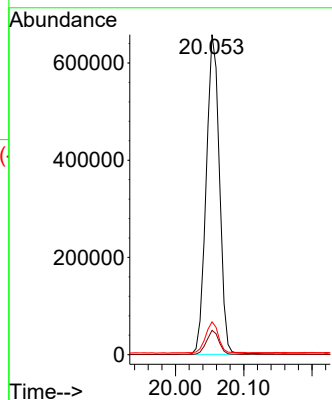
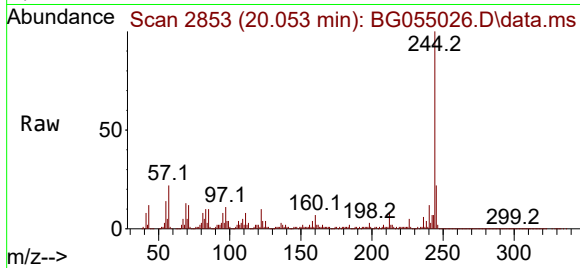




#79
 Terphenyl-d14
 Concen: 76.658 ng
 RT: 20.053 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG055026.D
 Acq: 26 Sep 2022 14:32

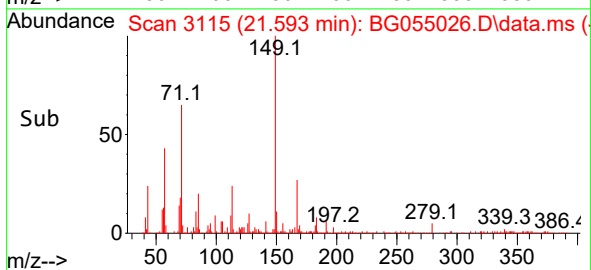
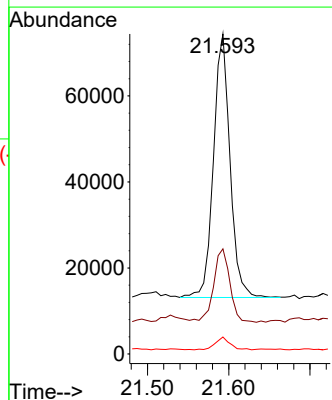
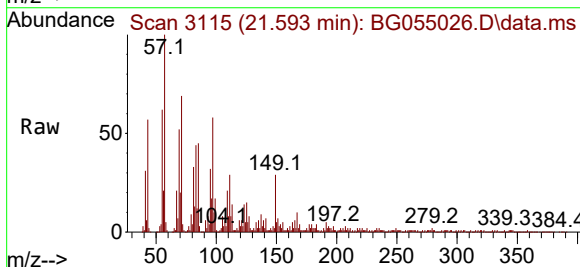
Instrument :
 BNA_G
 ClientSampleId :
 72-12016

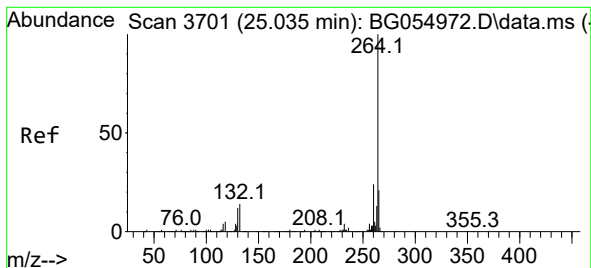
Tgt Ion:244 Resp: 889217
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 10.3 9.0 13.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 9.722 ng
 RT: 21.593 min Scan# 3115
 Delta R.T. 0.007 min
 Lab File: BG055026.D
 Acq: 26 Sep 2022 14:32

Tgt Ion:149 Resp: 86430
 Ion Ratio Lower Upper
 149 100
 167 32.8 21.4 32.0#
 279 5.3 3.1 4.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.071 min Scan# 31

Delta R.T. 0.036 min

Lab File: BG055026.D

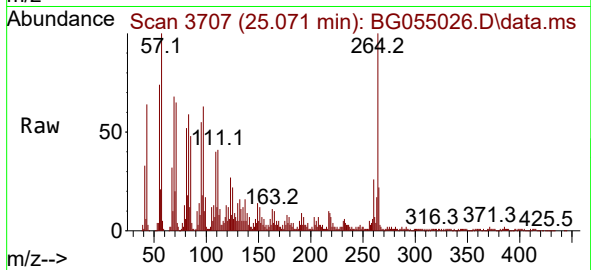
Acq: 26 Sep 2022 14:32

Instrument :

BNA_G

ClientSampleId :

72-12016



Tgt Ion:264 Resp: 268737

Ion Ratio Lower Upper

264 100

260 25.9 19.9 29.9

265 22.2 16.9 25.3

