

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)

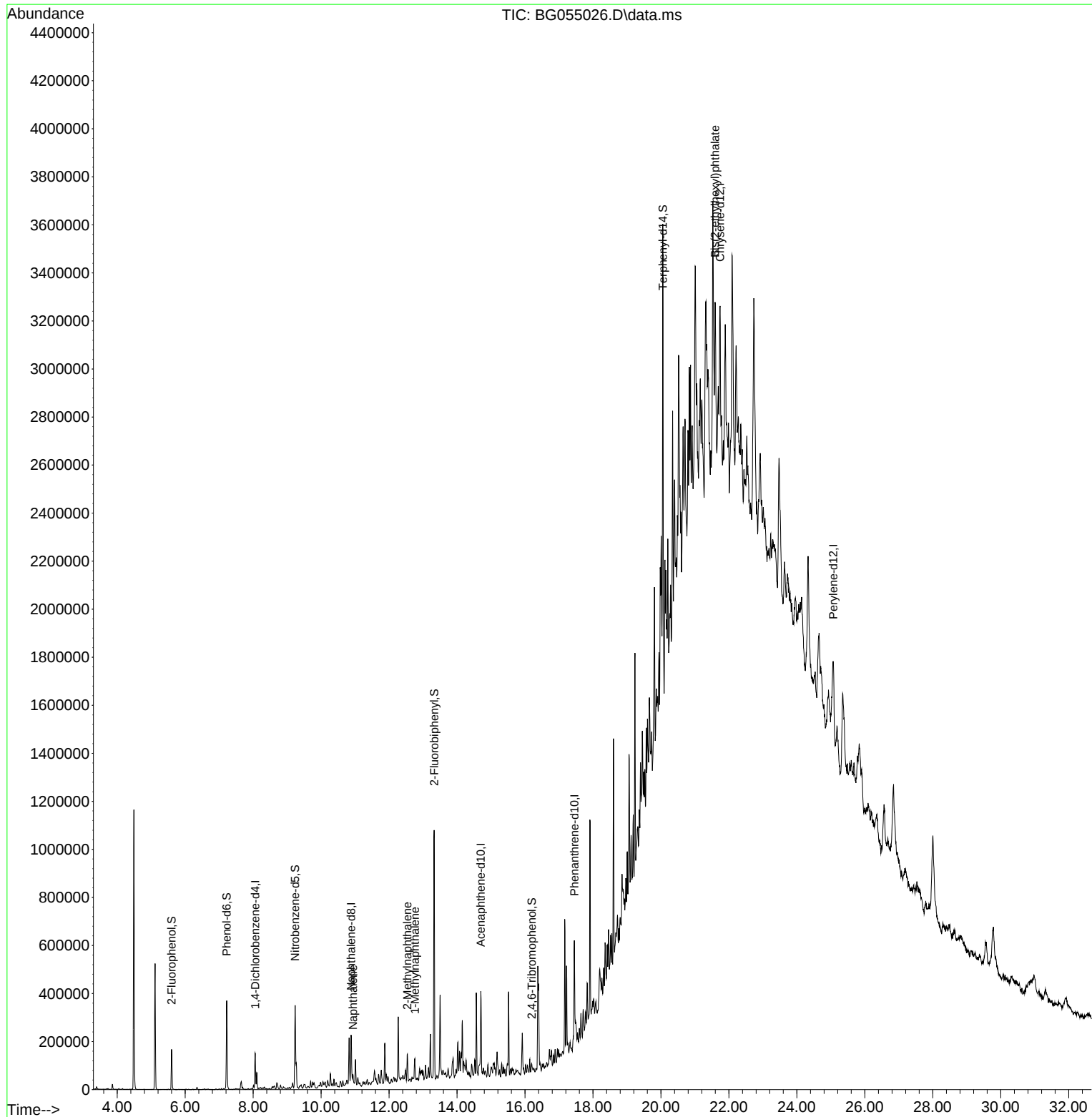
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	48477	20.000	ng	0.00
21) Naphthalene-d8	10.882	136	186544	20.000	ng	# 0.00
39) Acenaphthene-d10	14.701	164	128349	20.000	ng	0.00
64) Phenanthrene-d10	17.451	188	271416	20.000	ng	0.00
76) Chrysene-d12	21.740	240	242648	20.000	ng	# 0.00
86) Perylene-d12	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						
31) Naphthalene	10.935	128	23805	2.441	ng	Qvalue 97
37) 2-Methylnaphthalene	12.539	142	61711	8.881	ng	99
38) 1-Methylnaphthalene	12.756	142	46536	6.847	ng	100
84) Bis(2-ethylhexyl)phtha...	21.593	149	86430	9.722	ng	# 89

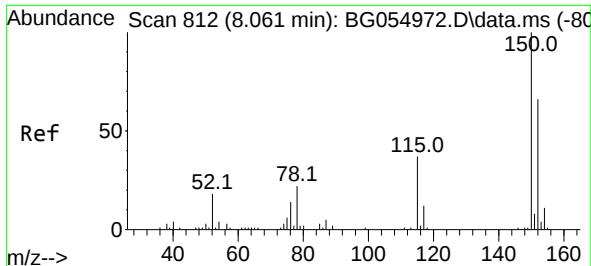
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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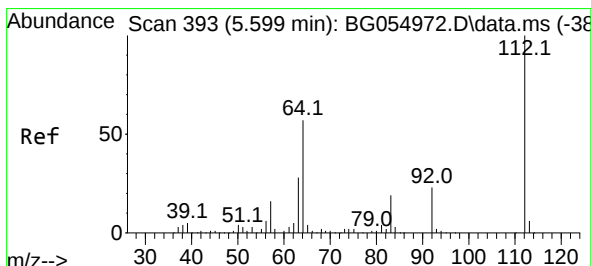
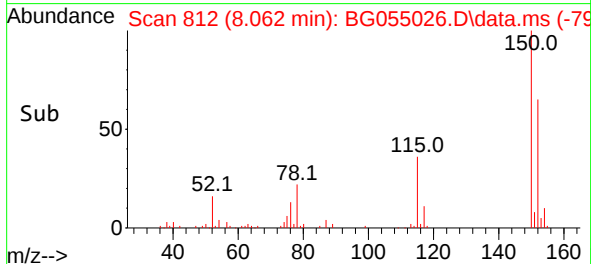
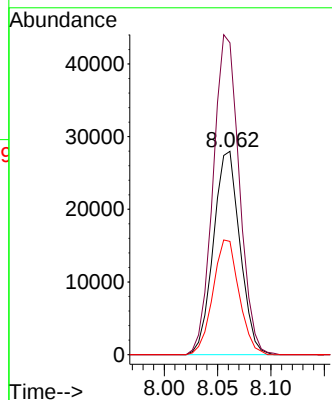
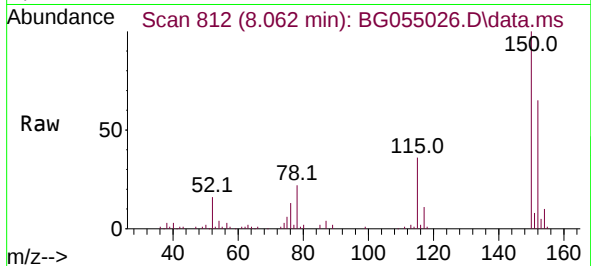




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.062 min Scan# 812
Delta R.T. 0.001 min
Lab File: BG055026.D
Acq: 26 Sep 2022 14:32

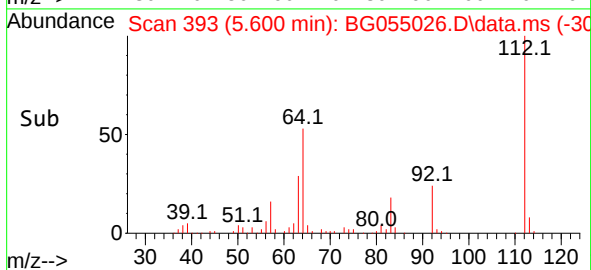
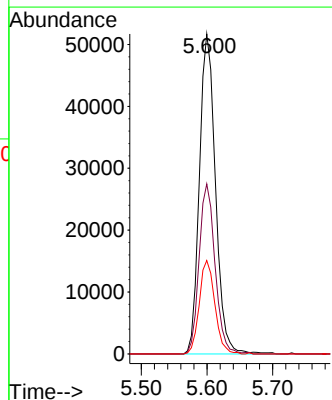
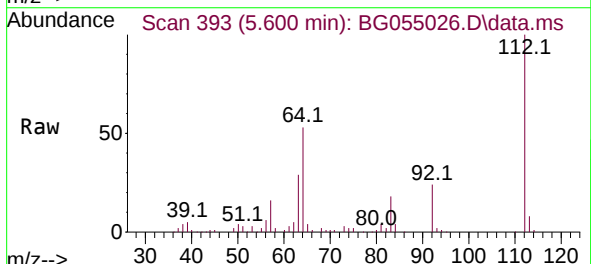
Instrument :
BNA_G
ClientSampleId :
72-12016

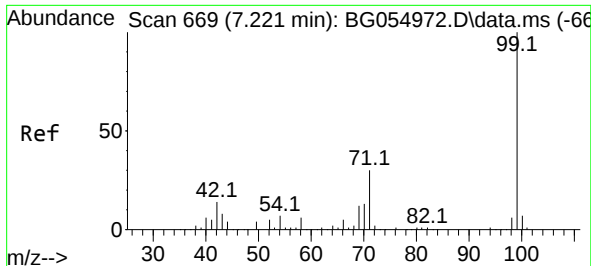
Tgt Ion:152 Resp: 48477
Ion Ratio Lower Upper
152 100
150 153.4 125.2 187.8
115 55.7 47.9 71.9



#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

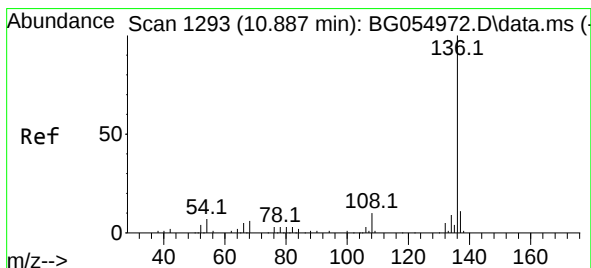
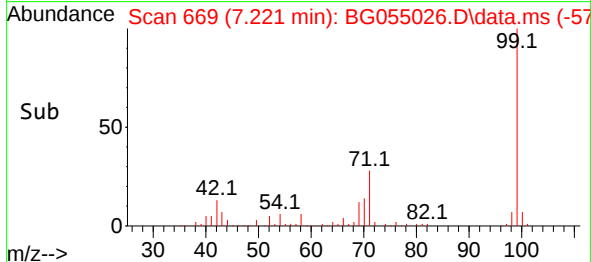
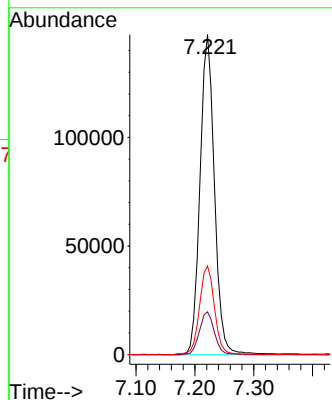
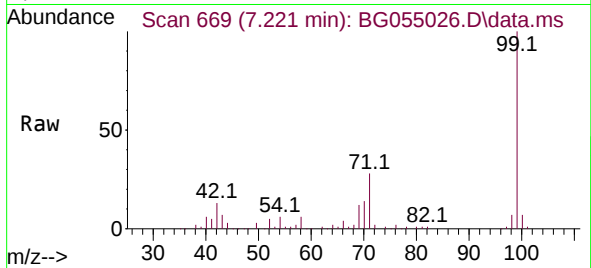




#7
Phenol-d6
Concen: 75.529 ng
RT: 7.221 min Scan# 669
Delta R.T. 0.001 min
Lab File: BG055026.D
Acq: 26 Sep 2022 14:32

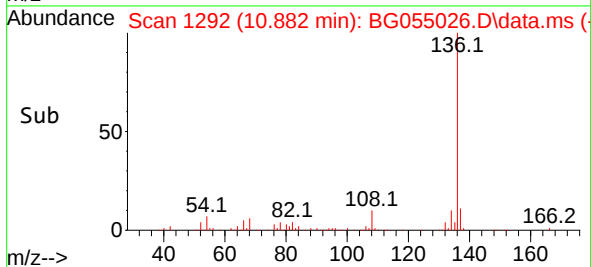
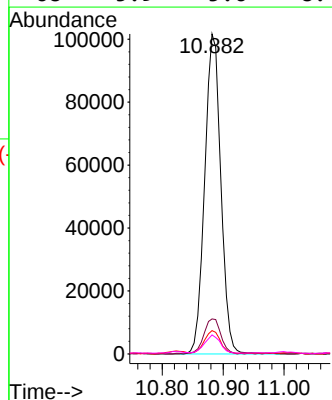
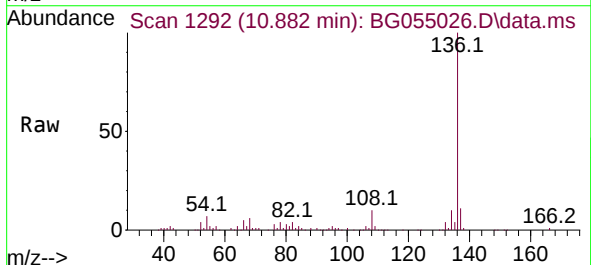
Instrument :
BNA_G
ClientSampleId :
72-12016

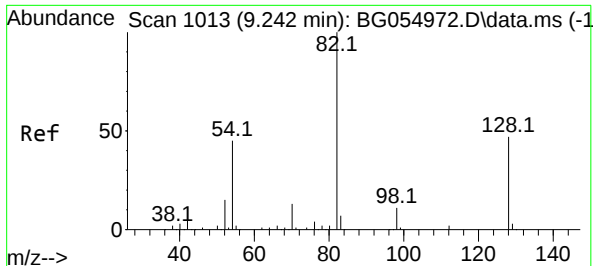
Tgt Ion: 99 Resp: 250816
Ion Ratio Lower Upper
99 100
42 13.4 14.6 22.0#
71 27.7 24.6 37.0



#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

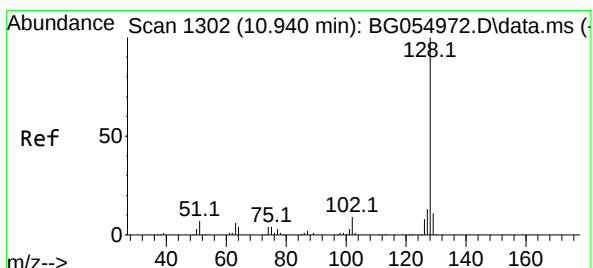
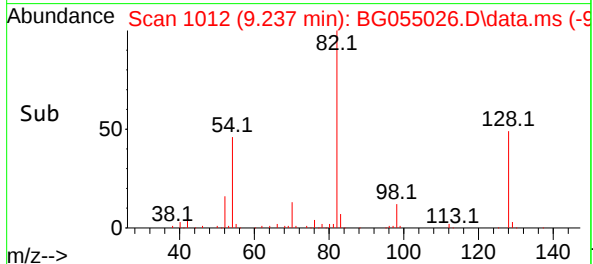
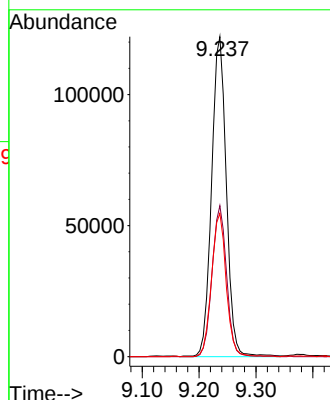
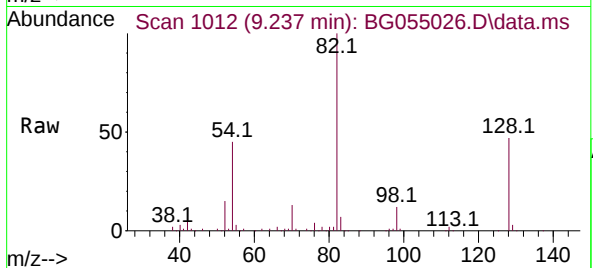
Tgt Ion: 82 Resp: 220980

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

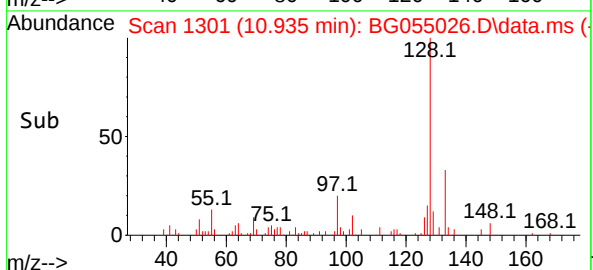
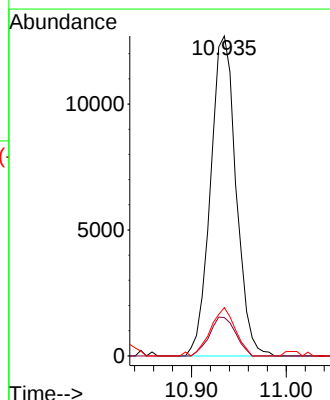
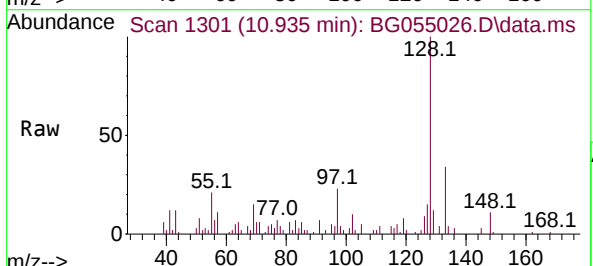
Tgt Ion: 128 Resp: 23805

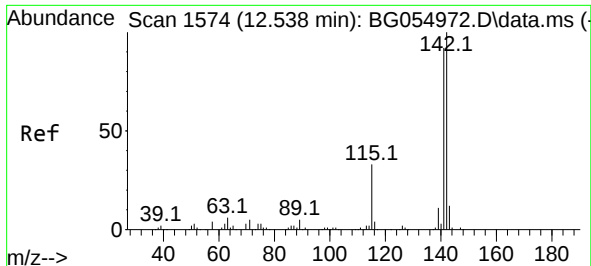
Ion Ratio Lower Upper

128 100

129 12.0 9.0 13.4

127 15.1 11.1 16.7

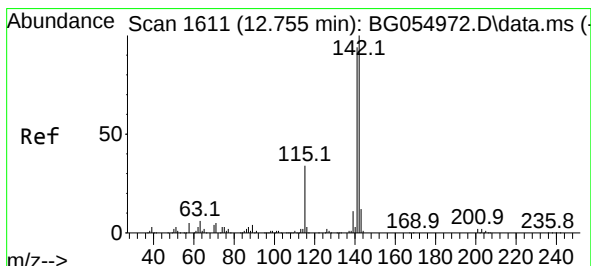
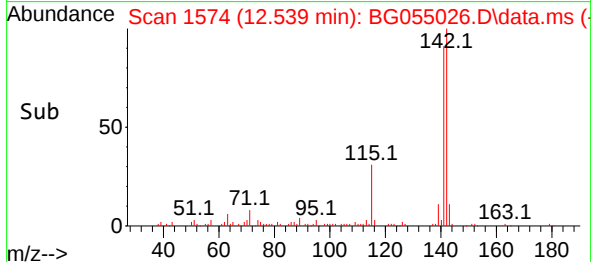
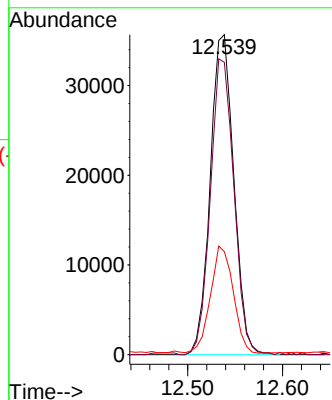
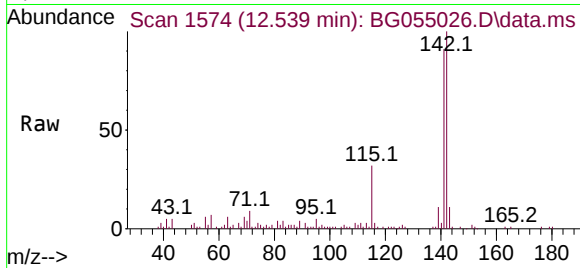




#37
2-Methylnaphthalene
Concen: 8.881 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG055026.D
Acq: 26 Sep 2022 14:32

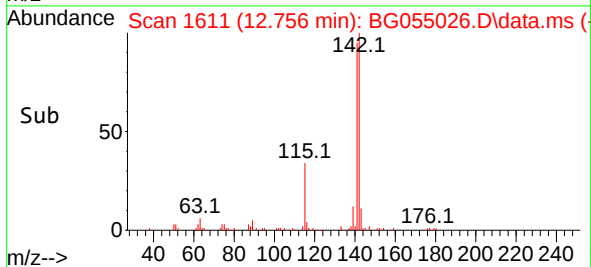
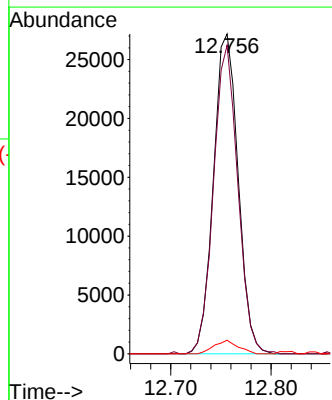
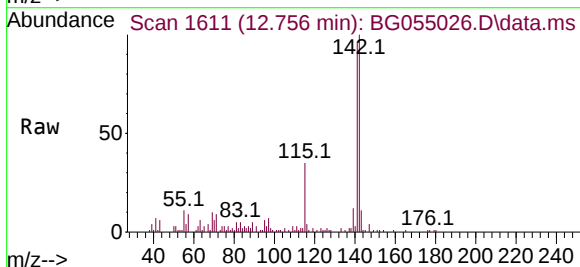
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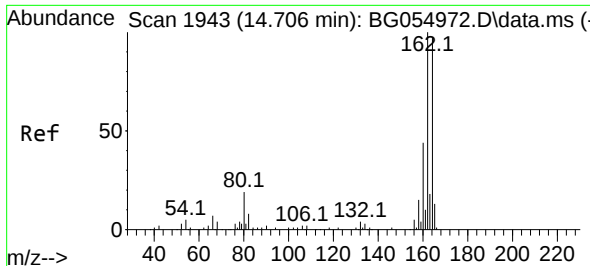
Tgt Ion:142 Resp: 61711
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.4
115 32.2 27.3 40.9



#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

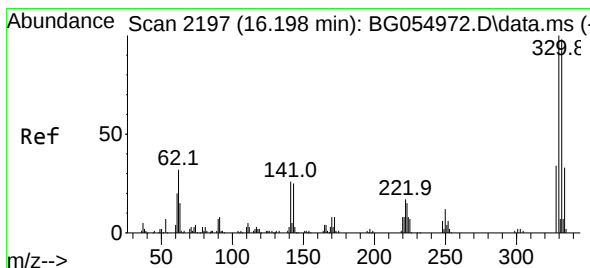
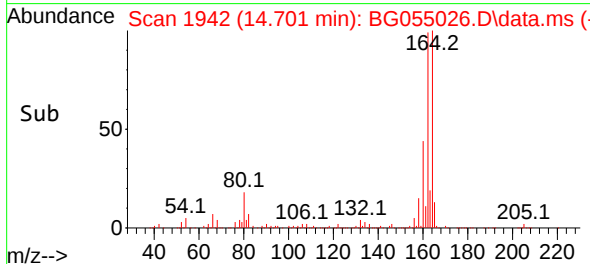
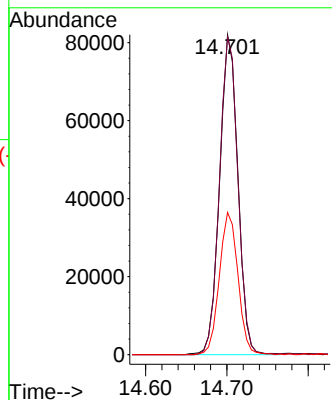
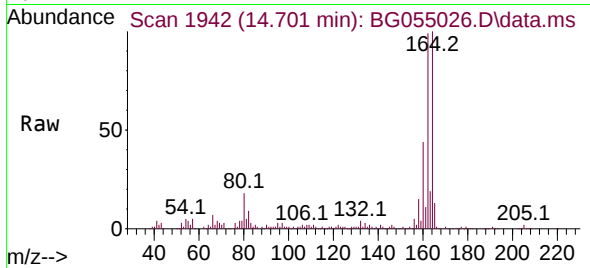




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.701 min Scan# 1942
Delta R.T. -0.005 min
Lab File: BG055026.D
Acq: 26 Sep 2022 14:32

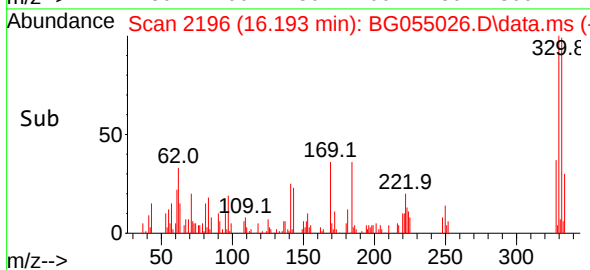
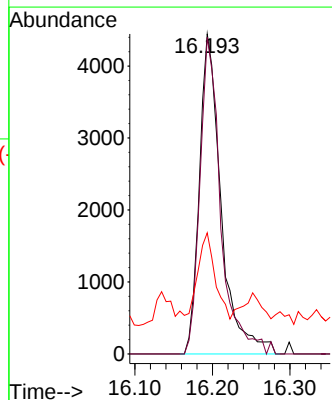
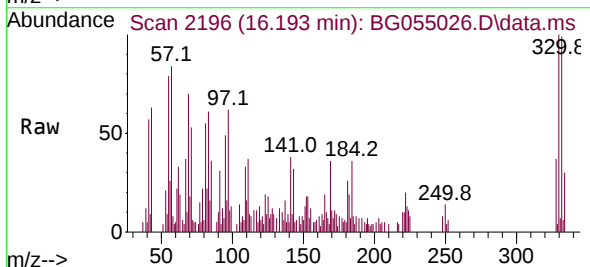
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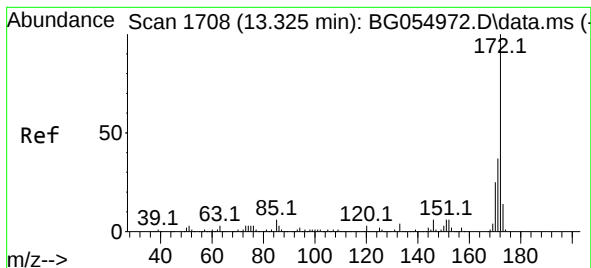
Tgt Ion:164 Resp: 128349
Ion Ratio Lower Upper
164 100
162 99.3 83.0 124.4
160 44.4 38.0 57.0



#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#

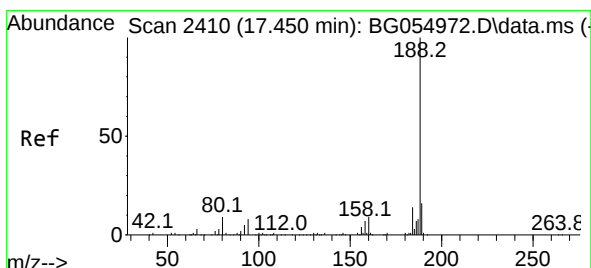
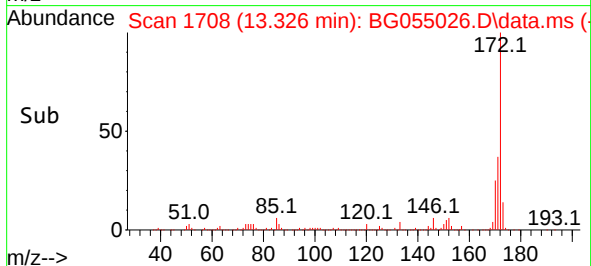
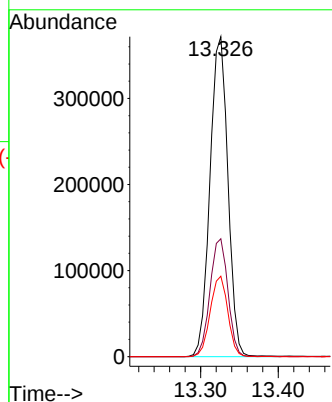
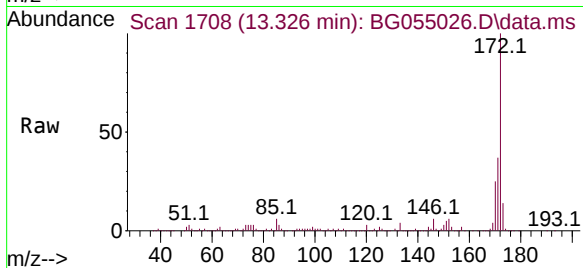




#45
2-Fluorobiphenyl
Concen: 73.195 ng
RT: 13.326 min Scan# 1708
Delta R.T. 0.001 min
Lab File: BG055026.D
Acq: 26 Sep 2022 14:32

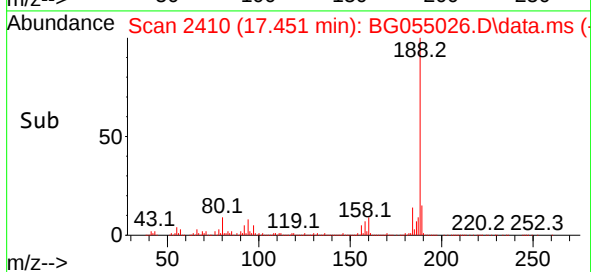
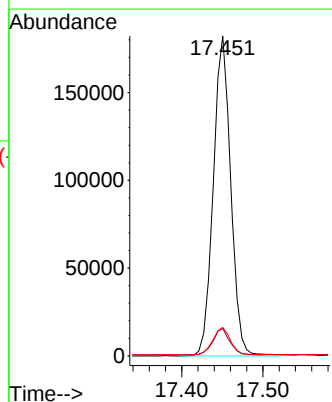
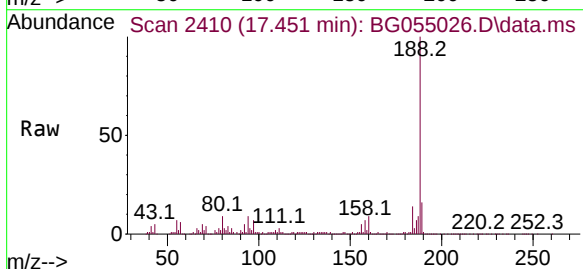
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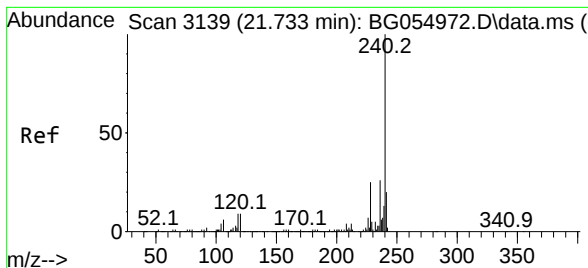
Tgt Ion:172 Resp: 596107
Ion Ratio Lower Upper
172 100
171 36.9 31.2 46.8
170 25.1 20.6 30.8



#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

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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.740 min Scan# 3139

Delta R.T. 0.007 min

Lab File: BG055026.D

Acq: 26 Sep 2022 14:32

Instrument :

BNA_G

ClientSampleId :

72-12016

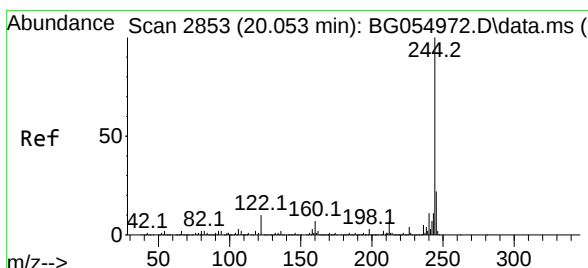
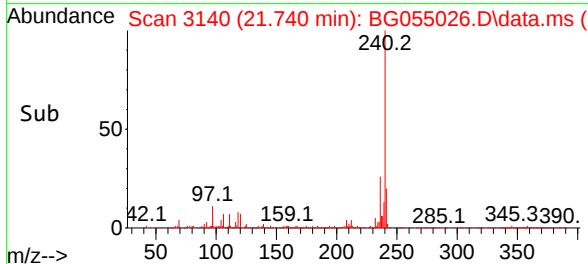
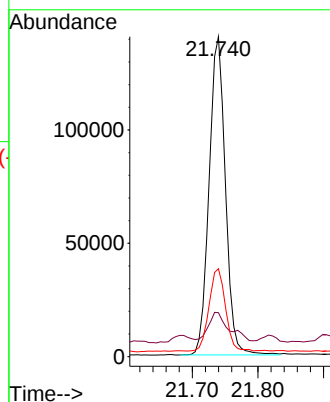
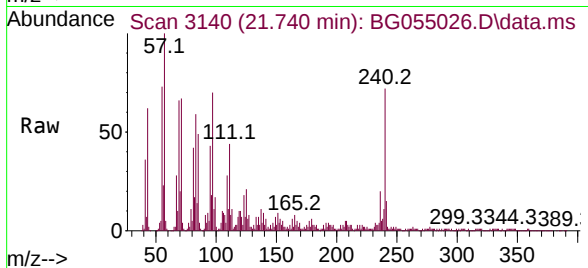
Tgt Ion:240 Resp: 242648

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# 2853

Delta R.T. 0.001 min

Lab File: BG055026.D

Acq: 26 Sep 2022 14:32

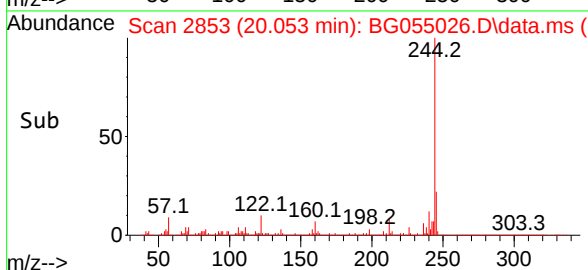
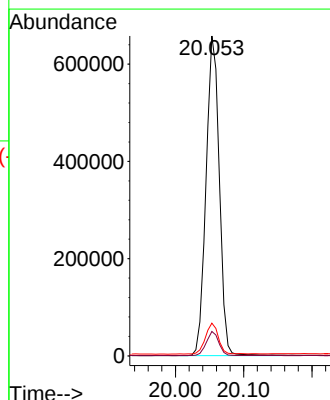
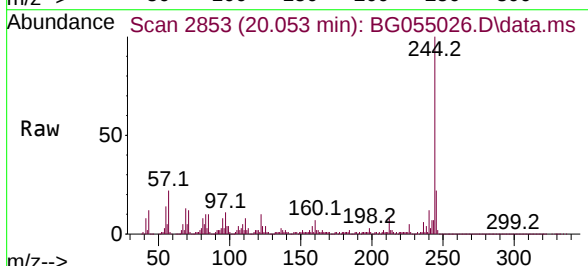
Tgt Ion:244 Resp: 889217

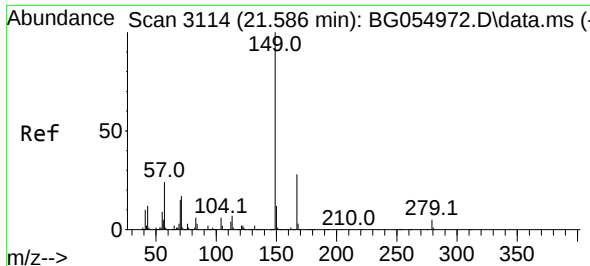
Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 10.3 9.0 13.6

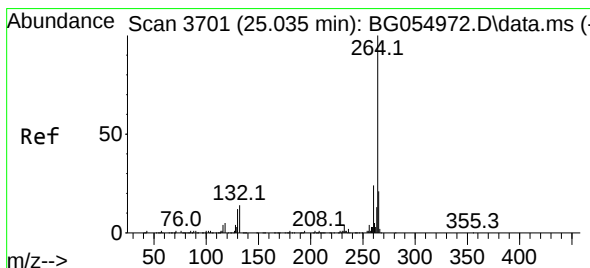
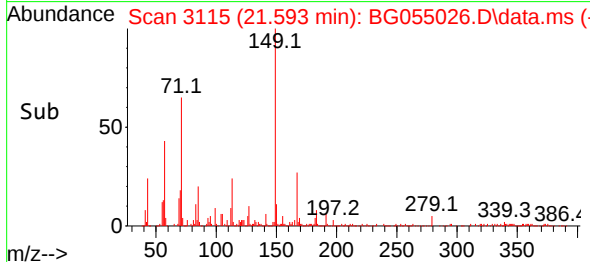
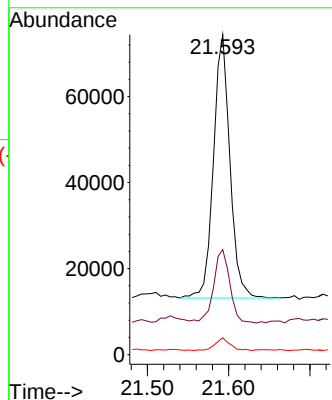
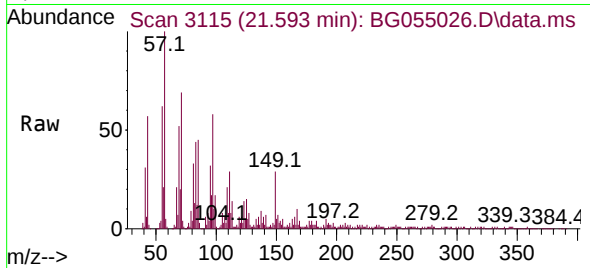




#84
Bis(2-ethylhexyl)phthalate
Concen: 9.722 ng
RT: 21.593 min Scan# 3114
Delta R.T. 0.007 min
Lab File: BG055026.D
Acq: 26 Sep 2022 14:32

Instrument :
BNA_G
ClientSampleId :
72-12016

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# 3707
Delta R.T. 0.036 min
Lab File: BG055026.D
Acq: 26 Sep 2022 14:32

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

