

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111522\
 Data File : BG055626.D
 Acq On : 15 Nov 2022 17:43
 Operator : CG/JU
 Sample : N5562-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-4C(OW)

Quant Time: Nov 16 01:43:43 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)

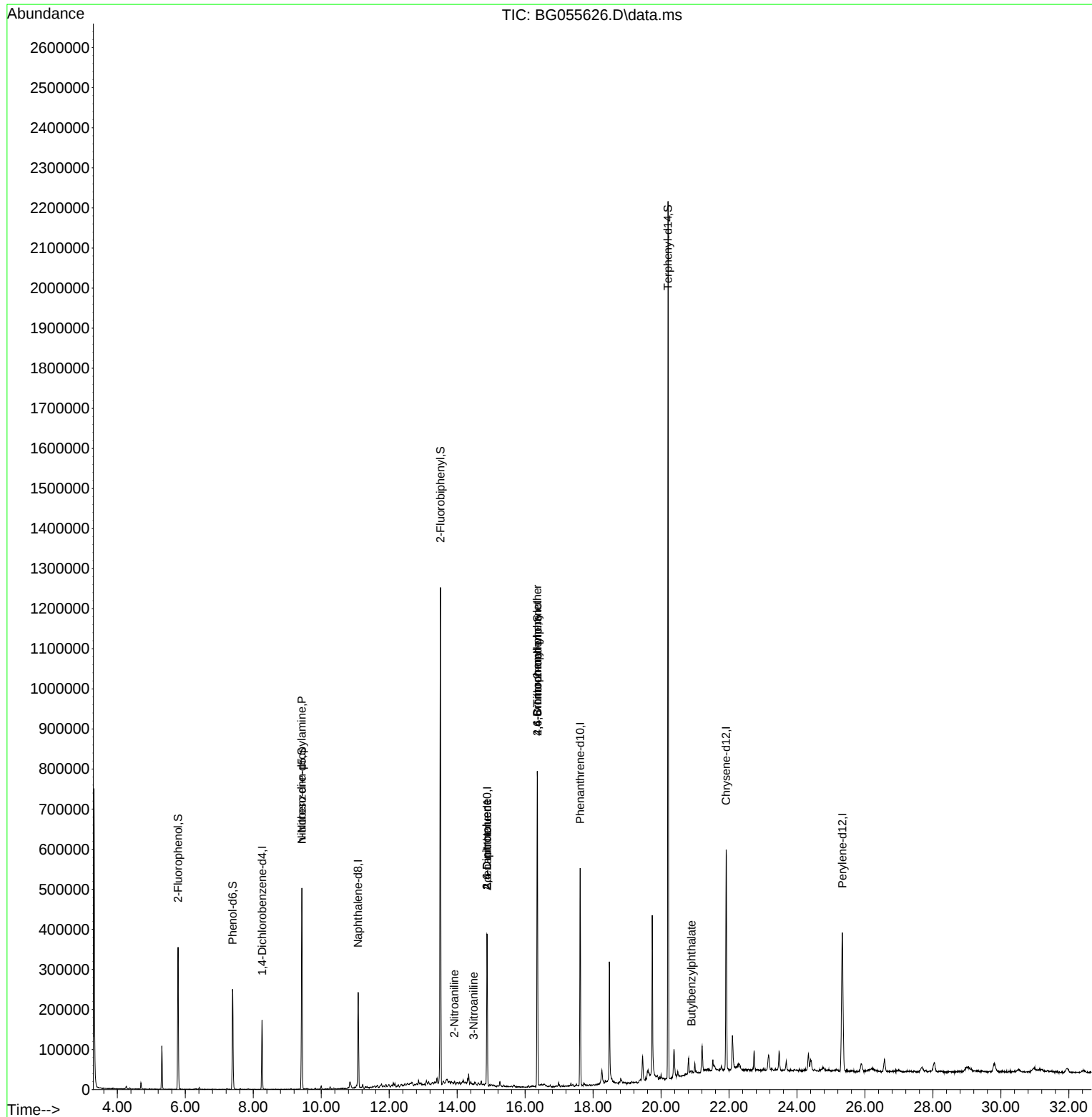
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	49441	20.000	ng	0.00
21) Naphthalene-d8	11.085	136	201720	20.000	ng	0.00
39) Acenaphthene-d10	14.881	164	139933	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	341025	20.000	ng	0.00
76) Chrysene-d12	21.914	240	357461	20.000	ng	0.00
86) Perylene-d12	25.333	264	376047	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.786	112	150202	57.866	ng	0.00
7) Phenol-d6	7.390	99	140755	39.256	ng	0.00
23) Nitrobenzene-d5	9.428	82	292930	98.445	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	169854	124.405	ng	0.00
45) 2-Fluorobiphenyl	13.506	172	649277	69.988	ng	0.00
79) Terphenyl-d14	20.204	244	1117169	62.773	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.428	70	39985	13.494	ng	# 75
48) 2-Nitroaniline	13.917	65	54	3.811	ng	# 8
51) 2,6-Dinitrotoluene	14.875	165	18493	12.396	ng	# 22
53) 3-Nitroaniline	14.481	138	59	3.803	ng	# 1
57) 2,4-Dinitrotoluene	14.875	165	18493	10.548	ng	# 23
65) 4,6-Dinitro-2-methylph...	16.361	198	412	2.391	ng	# 1
67) 4-Bromophenyl-phenylether	16.355	248	10978	3.156	ng	# 1
80) Butylbenzylphthalate	20.891	149	700	3.435	ng	# 87

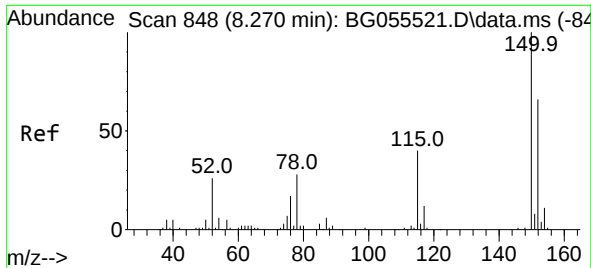
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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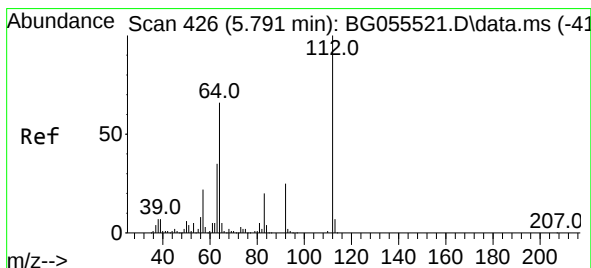
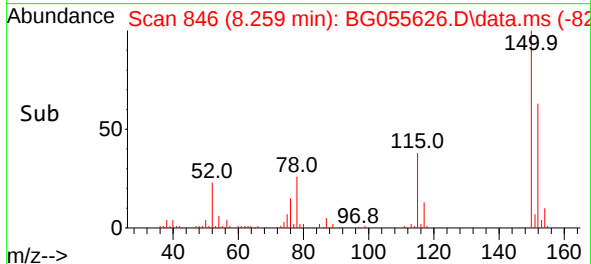
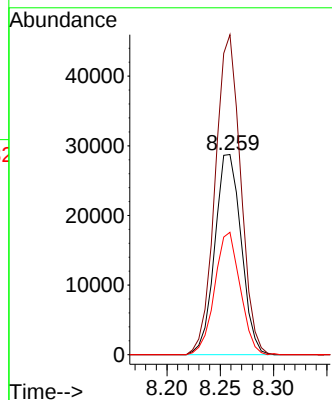
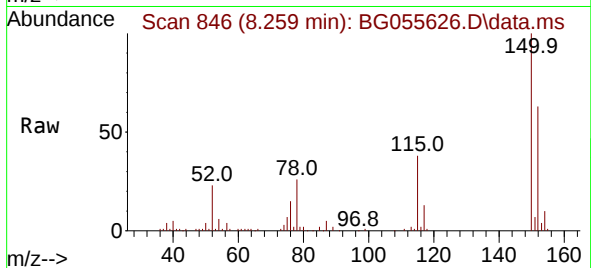




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG055626.D
Acq: 15 Nov 2022 17:43

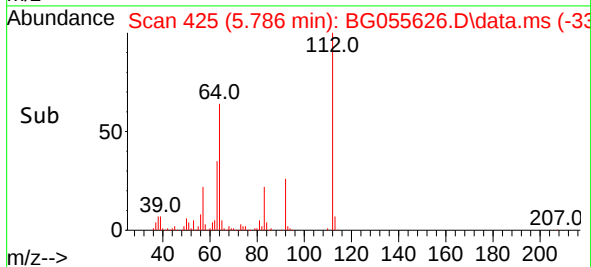
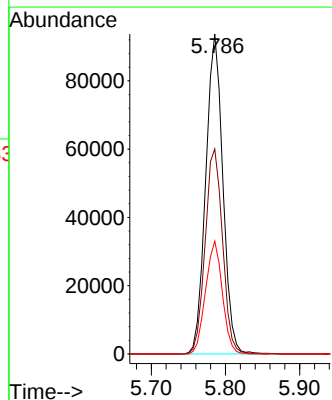
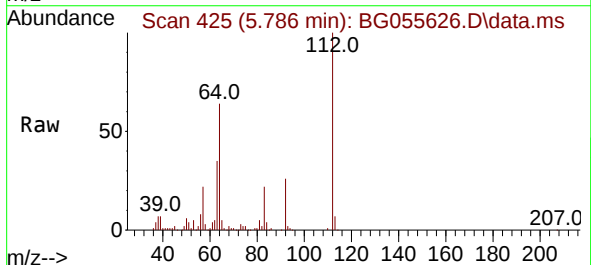
Instrument :
BNA_G
ClientSampleId :
B-4C(OW)

Tgt Ion:152 Resp: 49441
Ion Ratio Lower Upper
152 100
150 159.9 121.0 181.4
115 61.2 47.8 71.8



#5
2-Fluorophenol
Concen: 57.866 ng
RT: 5.786 min Scan# 425
Delta R.T. 0.004 min
Lab File: BG055626.D
Acq: 15 Nov 2022 17:43

Tgt Ion:112 Resp: 150202
Ion Ratio Lower Upper
112 100
64 64.0 52.6 78.8
63 35.3 28.3 42.5

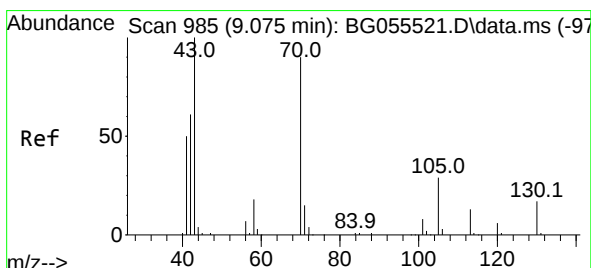
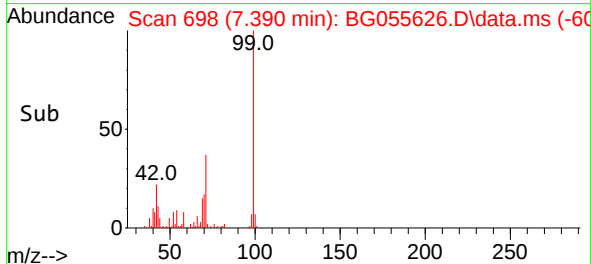
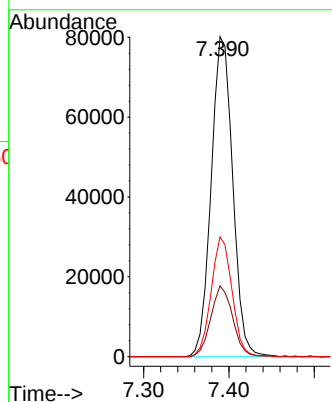
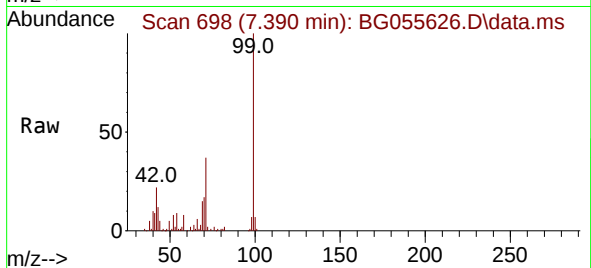




#7
Phenol-d6
Concen: 39.256 ng
RT: 7.390 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG055626.D
Acq: 15 Nov 2022 17:43

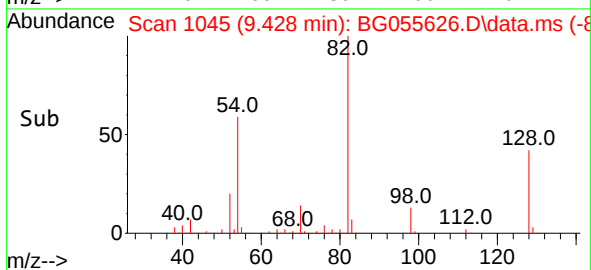
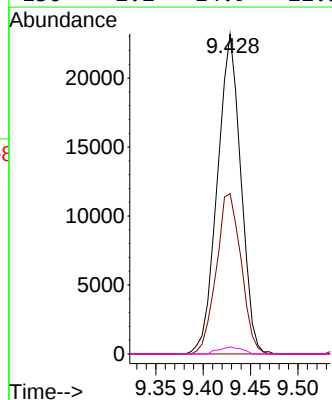
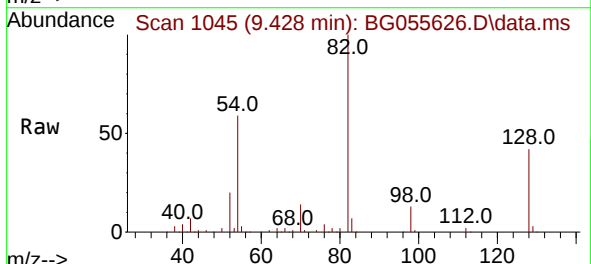
Instrument :
BNA_G
ClientSampleId :
B-4C(OW)

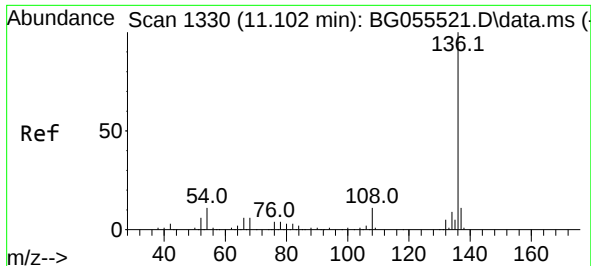
Tgt Ion: 99 Resp: 140755
Ion Ratio Lower Upper
99 100
42 22.1 17.5 26.3
71 37.4 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.494 ng
RT: 9.428 min Scan# 1045
Delta R.T. 0.363 min
Lab File: BG055626.D
Acq: 15 Nov 2022 17:43

Tgt Ion: 70 Resp: 39985
Ion Ratio Lower Upper
70 100
42 50.1 54.8 82.2#
101 0.0 6.8 10.2#
130 2.2 14.9 22.3#

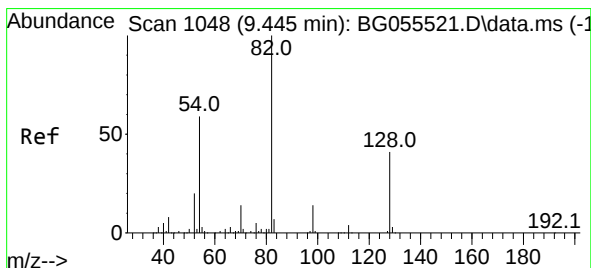
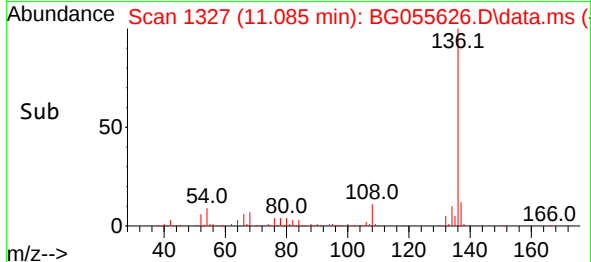
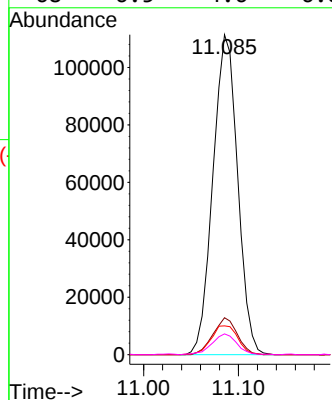
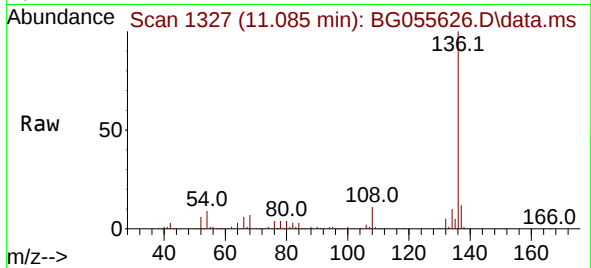




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.085 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG055626.D
Acq: 15 Nov 2022 17:43

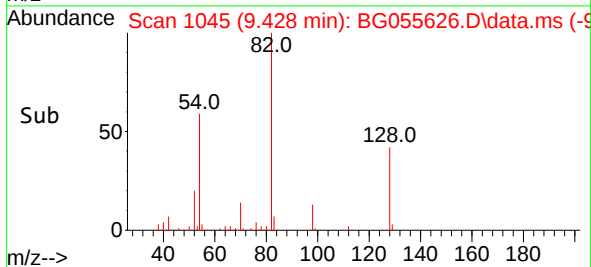
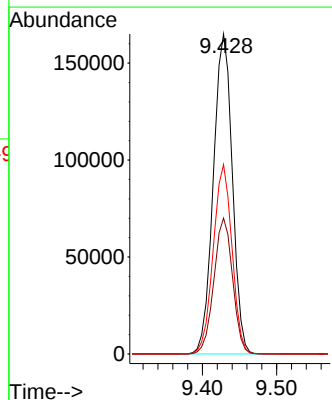
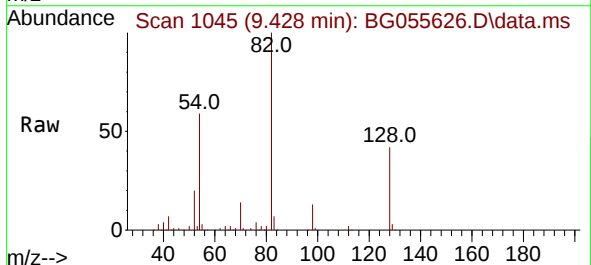
Instrument :
BNA_G
ClientSampleId :
B-4C(OW)

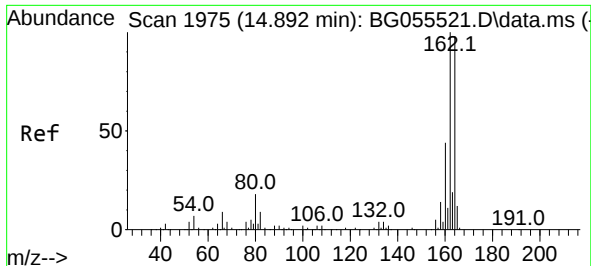
Tgt Ion:136	Resp: 201720
Ion Ratio	Lower Upper
136 100	
137 11.5	8.6 12.8
54 9.0	8.6 12.8
68 6.5	4.6 6.8



#23
Nitrobenzene-d5
Concen: 98.445 ng
RT: 9.428 min Scan# 1045
Delta R.T. -0.002 min
Lab File: BG055626.D
Acq: 15 Nov 2022 17:43

Tgt Ion: 82	Resp: 292930
Ion Ratio	Lower Upper
82 100	
128 42.4	32.6 49.0
54 59.2	47.3 70.9

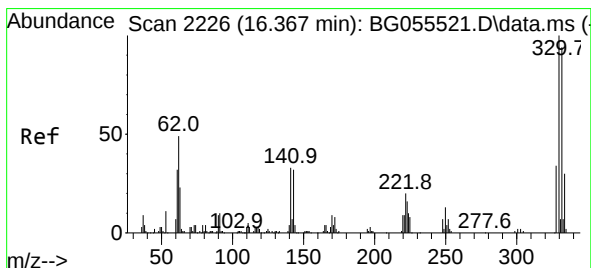
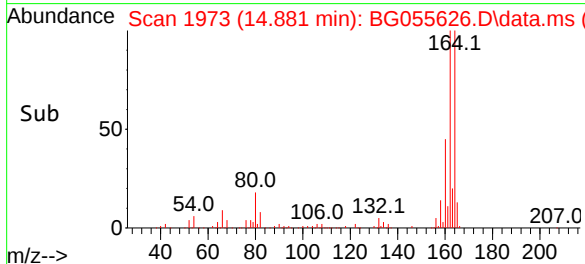
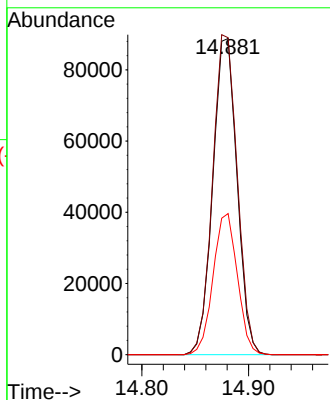
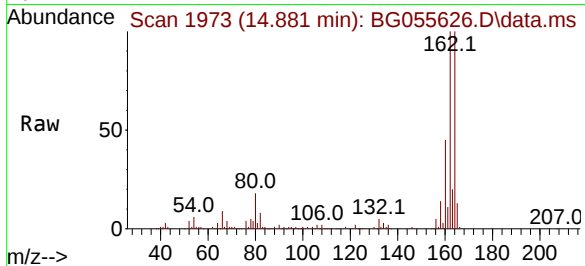




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.881 min Scan# 1973
Delta R.T. -0.002 min
Lab File: BG055626.D
Acq: 15 Nov 2022 17:43

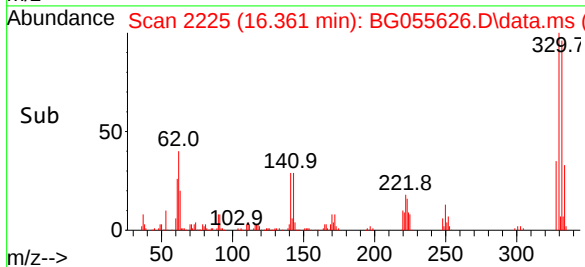
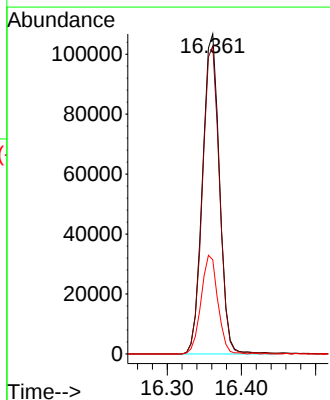
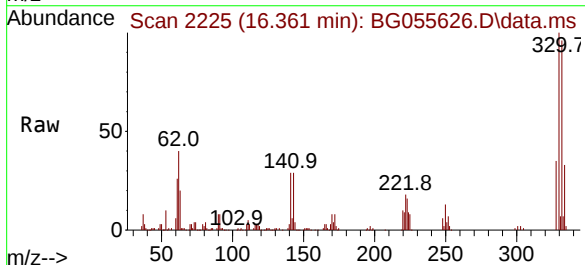
Instrument :
BNA_G
ClientSampleId :
B-4C(OW)

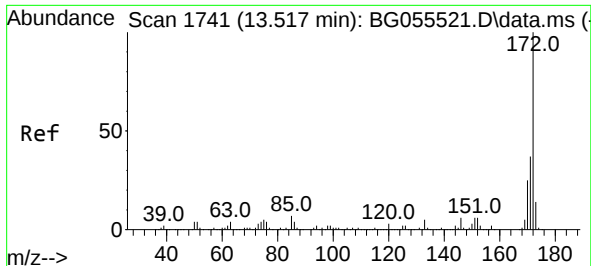
Tgt Ion:164 Resp: 139933
Ion Ratio Lower Upper
164 100
162 100.2 81.3 121.9
160 44.6 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 124.405 ng
RT: 16.361 min Scan# 2225
Delta R.T. -0.002 min
Lab File: BG055626.D
Acq: 15 Nov 2022 17:43

Tgt Ion:330 Resp: 169854
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 30.4 25.4 38.2

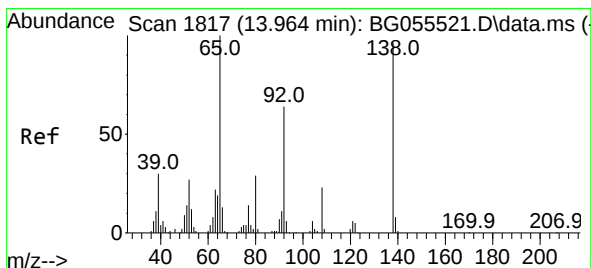
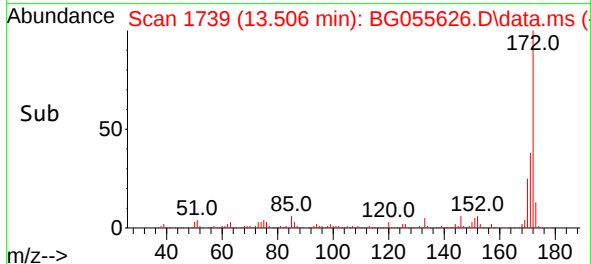
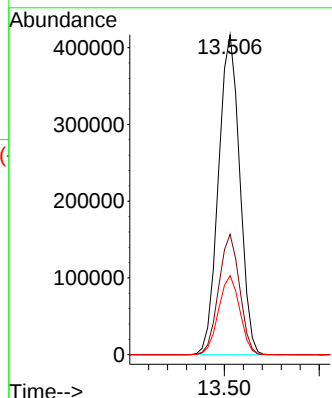
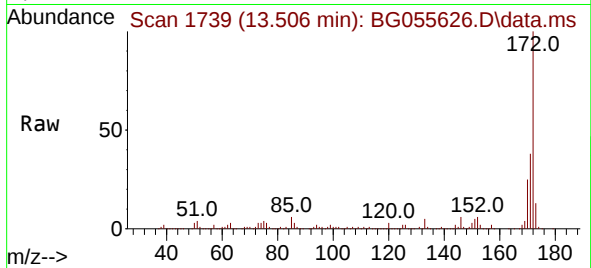




#45
2-Fluorobiphenyl
Concen: 69.988 ng
RT: 13.506 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG055626.D
Acq: 15 Nov 2022 17:43

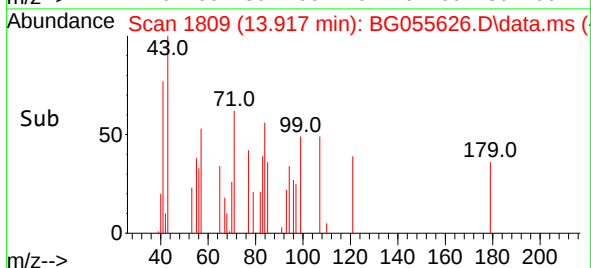
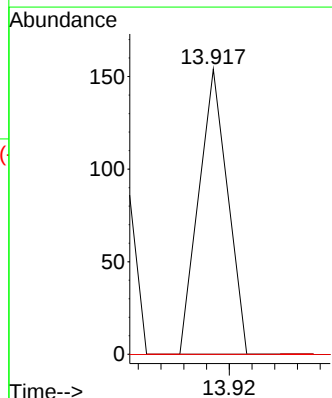
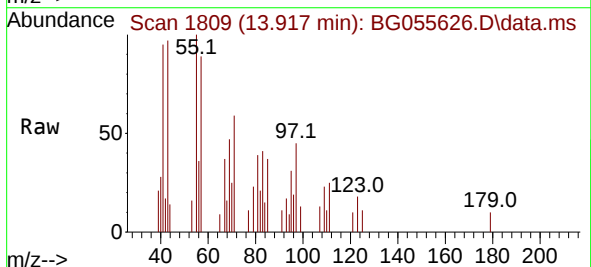
Instrument :
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ClientSampleId :
B-4C(OW)

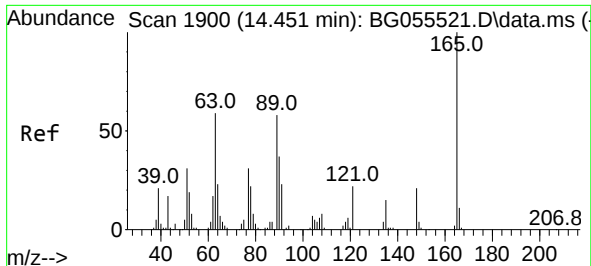
Tgt Ion:172 Resp: 649277
Ion Ratio Lower Upper
172 100
171 37.6 29.7 44.5
170 24.7 19.8 29.6



#48
2-Nitroaniline
Concen: 3.811 ng
RT: 13.917 min Scan# 1809
Delta R.T. -0.043 min
Lab File: BG055626.D
Acq: 15 Nov 2022 17:43

Tgt Ion: 65 Resp: 54
Ion Ratio Lower Upper
65 100
92 0.0 51.6 77.4#
138 0.0 77.0 115.4#

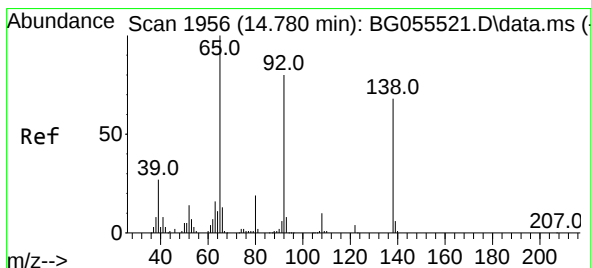
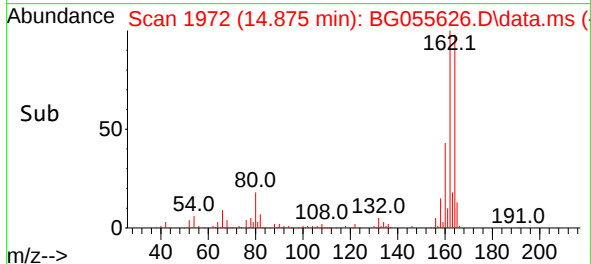
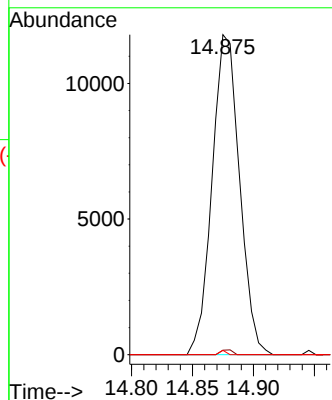
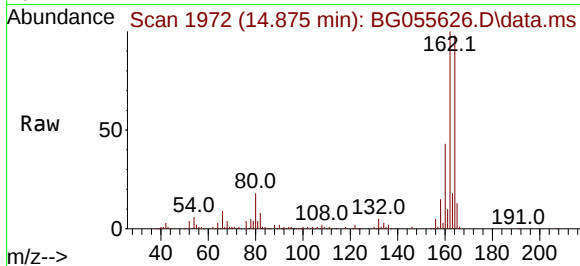




#51
2,6-Dinitrotoluene
Concen: 12.396 ng
RT: 14.875 min Scan# 1900
Delta R.T. 0.427 min
Lab File: BG055626.D
Acq: 15 Nov 2022 17:43

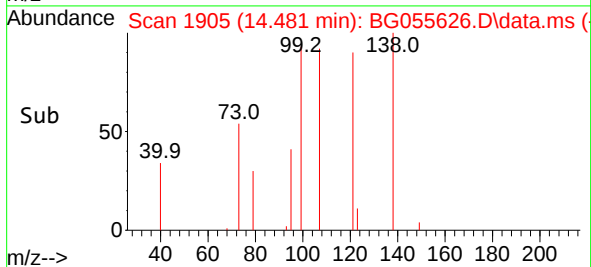
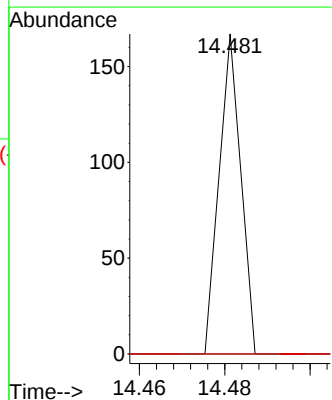
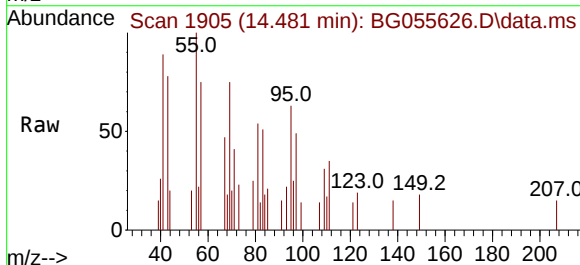
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BNA_G
ClientSampleId :
B-4C(OW)

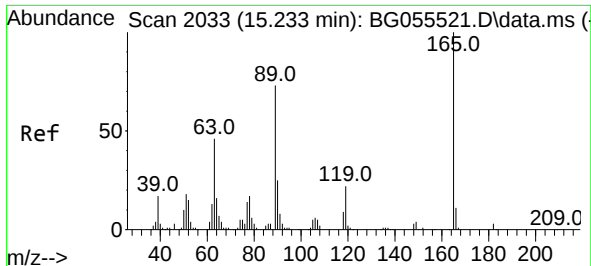
Tgt Ion:165 Resp: 18493
Ion Ratio Lower Upper
165 100
63 1.4 50.1 75.1#
89 1.4 46.5 69.7#



#53
3-Nitroaniline
Concen: 3.803 ng
RT: 14.481 min Scan# 1905
Delta R.T. -0.295 min
Lab File: BG055626.D
Acq: 15 Nov 2022 17:43

Tgt Ion:138 Resp: 59
Ion Ratio Lower Upper
138 100
108 0.0 11.7 17.5#
92 0.0 94.3 141.5#





#57

2,4-Dinitrotoluene

Concen: 10.548 ng

RT: 14.875 min Scan# 14

Delta R.T. -0.354 min

Lab File: BG055626.D

Acq: 15 Nov 2022 17:43

Instrument :

BNA_G

ClientSampleId :

B-4C(OW)

Tgt Ion:165 Resp: 18493

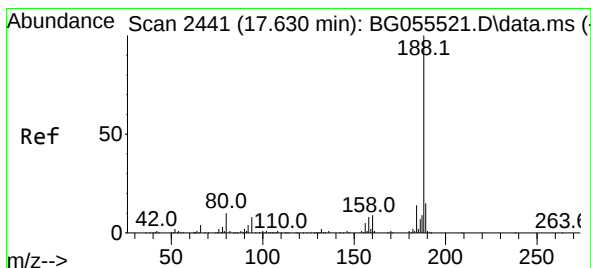
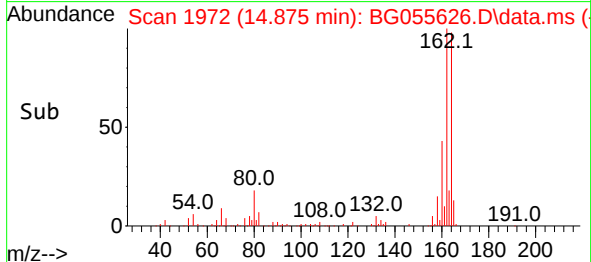
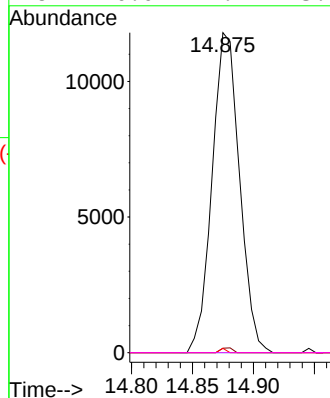
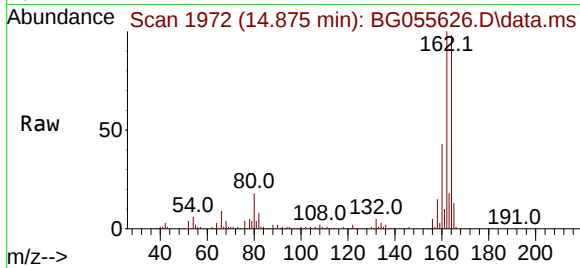
Ion Ratio Lower Upper

165 100

63 1.4 37.0 55.4#

89 1.4 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: BG055626.D

Acq: 15 Nov 2022 17:43

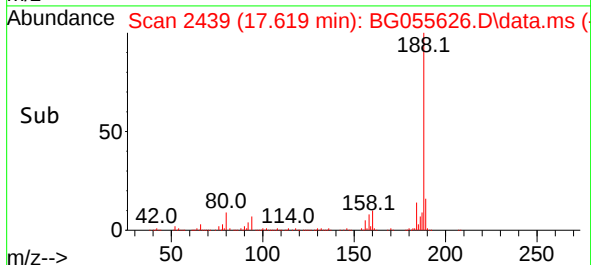
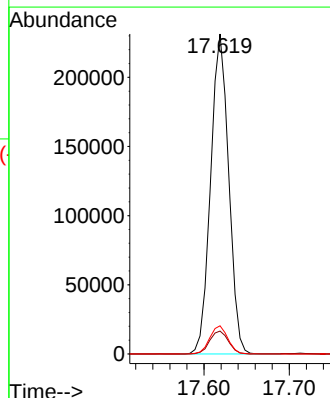
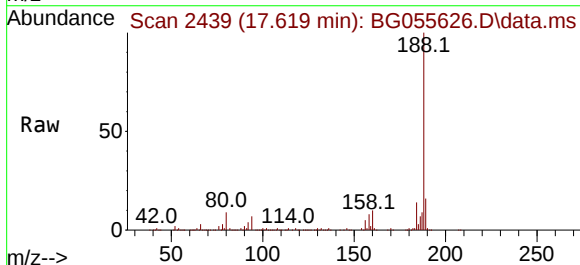
Tgt Ion:188 Resp: 341025

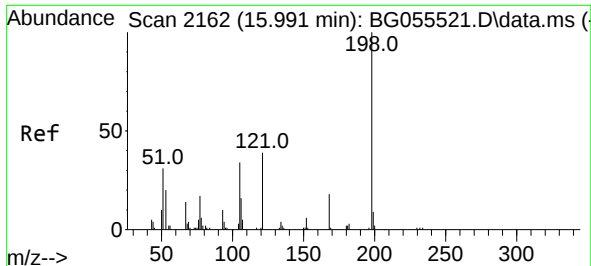
Ion Ratio Lower Upper

188 100

94 7.2 6.4 9.6

80 8.8 7.6 11.4

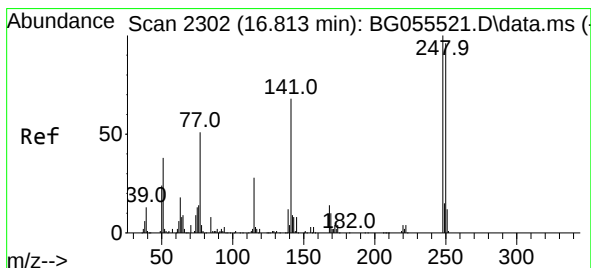
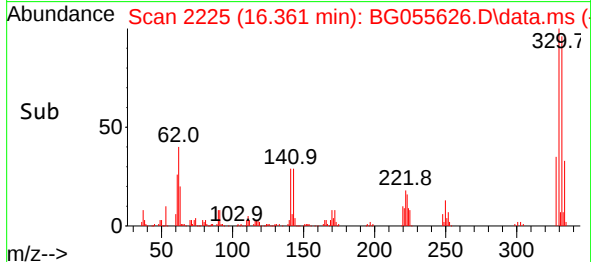
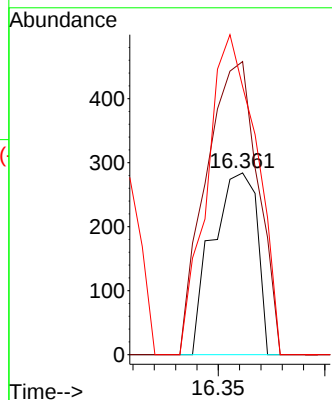
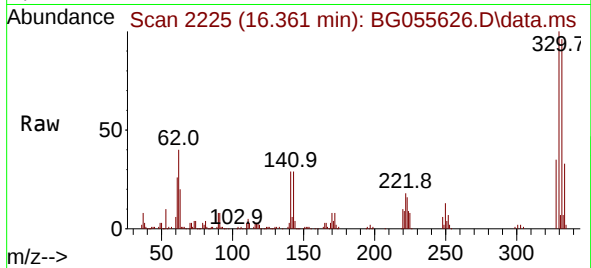




#65
4,6-Dinitro-2-methylphenol
Concen: 2.391 ng
RT: 16.361 min Scan# 2162
Delta R.T. 0.369 min
Lab File: BG055626.D
Acq: 15 Nov 2022 17:43

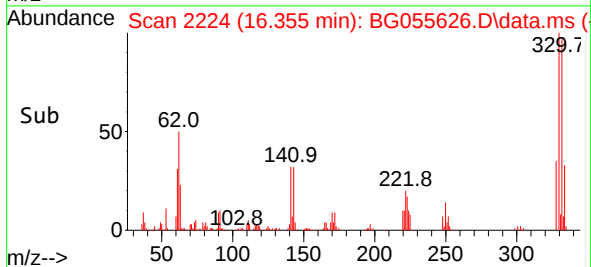
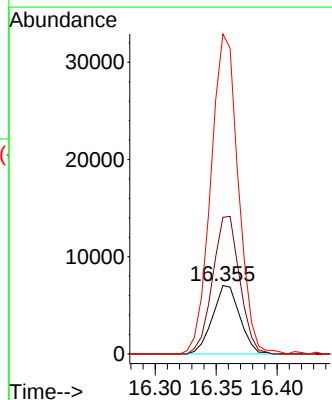
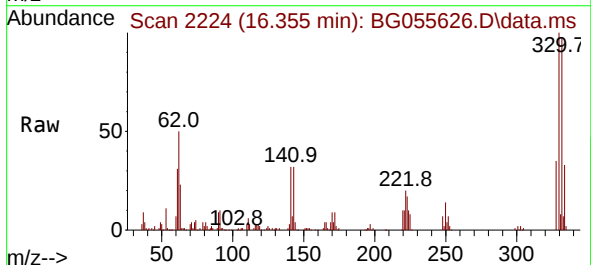
Instrument :
BNA_G
ClientSampleId :
B-4C(OW)

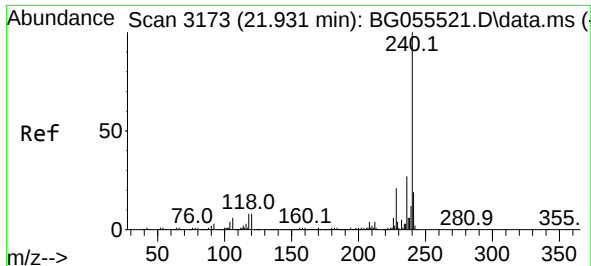
Tgt Ion:198 Resp: 412
Ion Ratio Lower Upper
198 100
51 161.3 24.7 64.7#
105 147.5 17.6 57.6#



#67
4-Bromophenyl-phenylether
Concen: 3.156 ng
RT: 16.355 min Scan# 2224
Delta R.T. -0.448 min
Lab File: BG055626.D
Acq: 15 Nov 2022 17:43

Tgt Ion:248 Resp: 10978
Ion Ratio Lower Upper
248 100
250 199.7 76.9 115.3#
141 467.6 54.3 81.5#

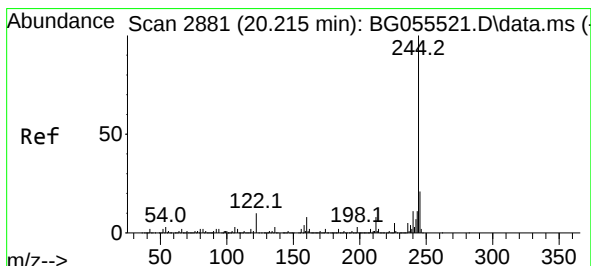
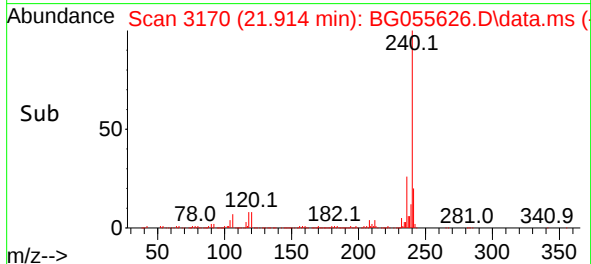
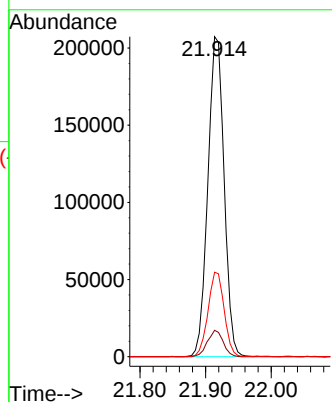
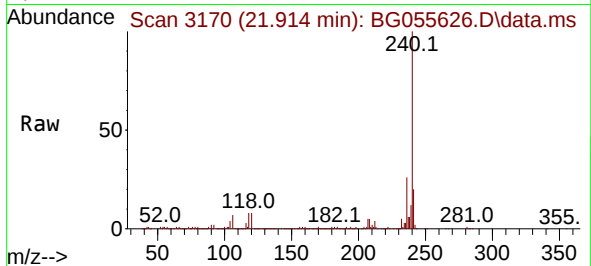




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.914 min Scan# 3173
Delta R.T. -0.007 min
Lab File: BG055626.D
Acq: 15 Nov 2022 17:43

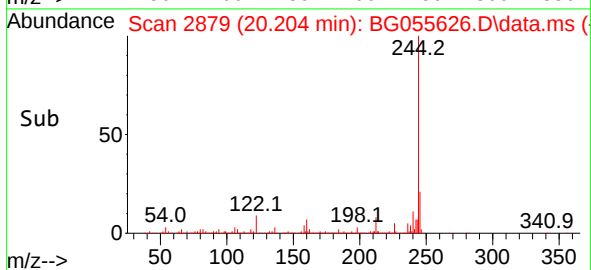
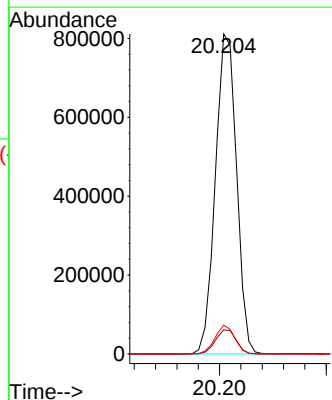
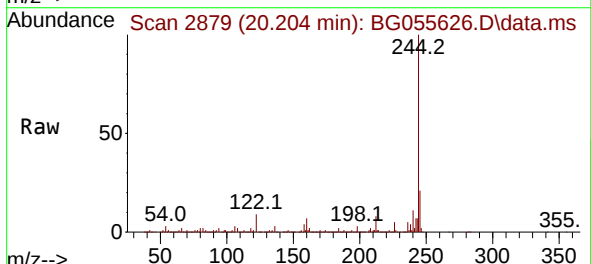
Instrument :
BNA_G
ClientSampleId :
B-4C(OW)

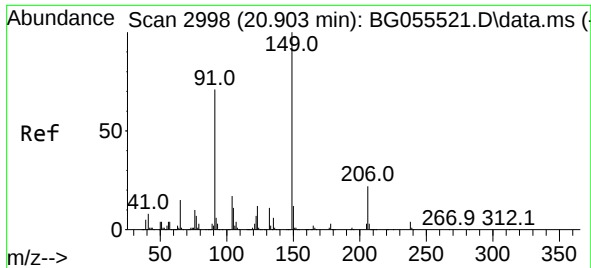
Tgt Ion:240 Resp: 357461
Ion Ratio Lower Upper
240 100
120 8.2 6.1 9.1
236 26.4 21.4 32.0



#79
Terphenyl-d14
Concen: 62.773 ng
RT: 20.204 min Scan# 2879
Delta R.T. -0.007 min
Lab File: BG055626.D
Acq: 15 Nov 2022 17:43

Tgt Ion:244 Resp: 1117169
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 9.0 7.7 11.5

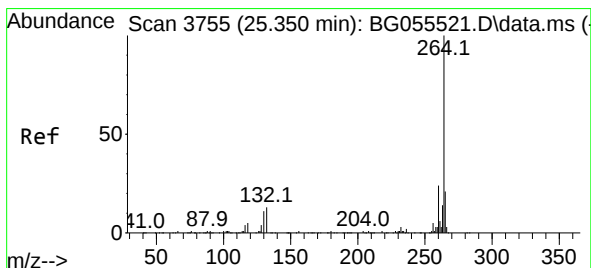
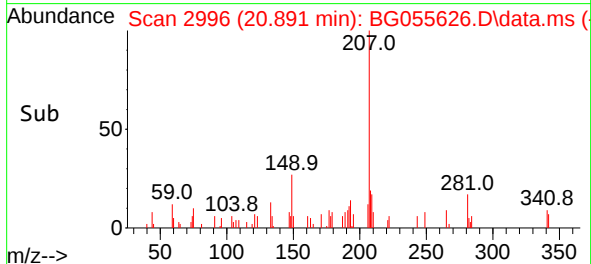
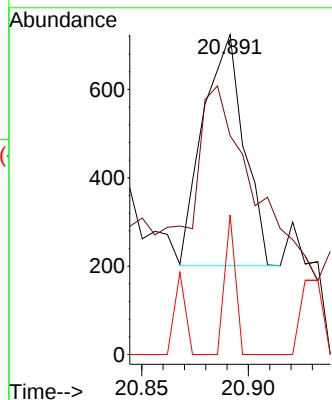
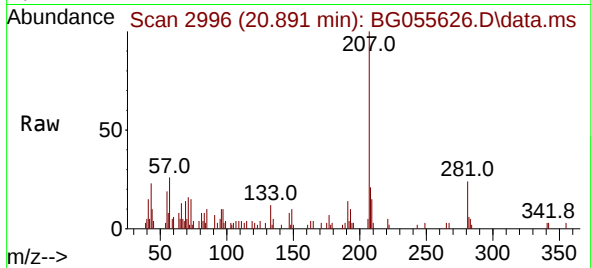




#80
Butylbenzylphthalate
Concen: 3.435 ng
RT: 20.891 min Scan# 2996
Delta R.T. -0.002 min
Lab File: BG055626.D
Acq: 15 Nov 2022 17:43

Instrument :
BNA_G
ClientSampleId :
B-4C(OW)

Tgt Ion:149 Resp: 700
Ion Ratio Lower Upper
149 100
91 68.4 56.8 85.2
206 43.6 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: BG055626.D
Acq: 15 Nov 2022 17:43

Tgt Ion:264 Resp: 376047
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 21.2 17.1 25.7

