

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
 Data File : BG055566.D
 Acq On : 11 Nov 2022 14:21
 Operator : CG/JU
 Sample : N5532-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-3(OW)

Quant Time: Nov 11 16:31:44 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)

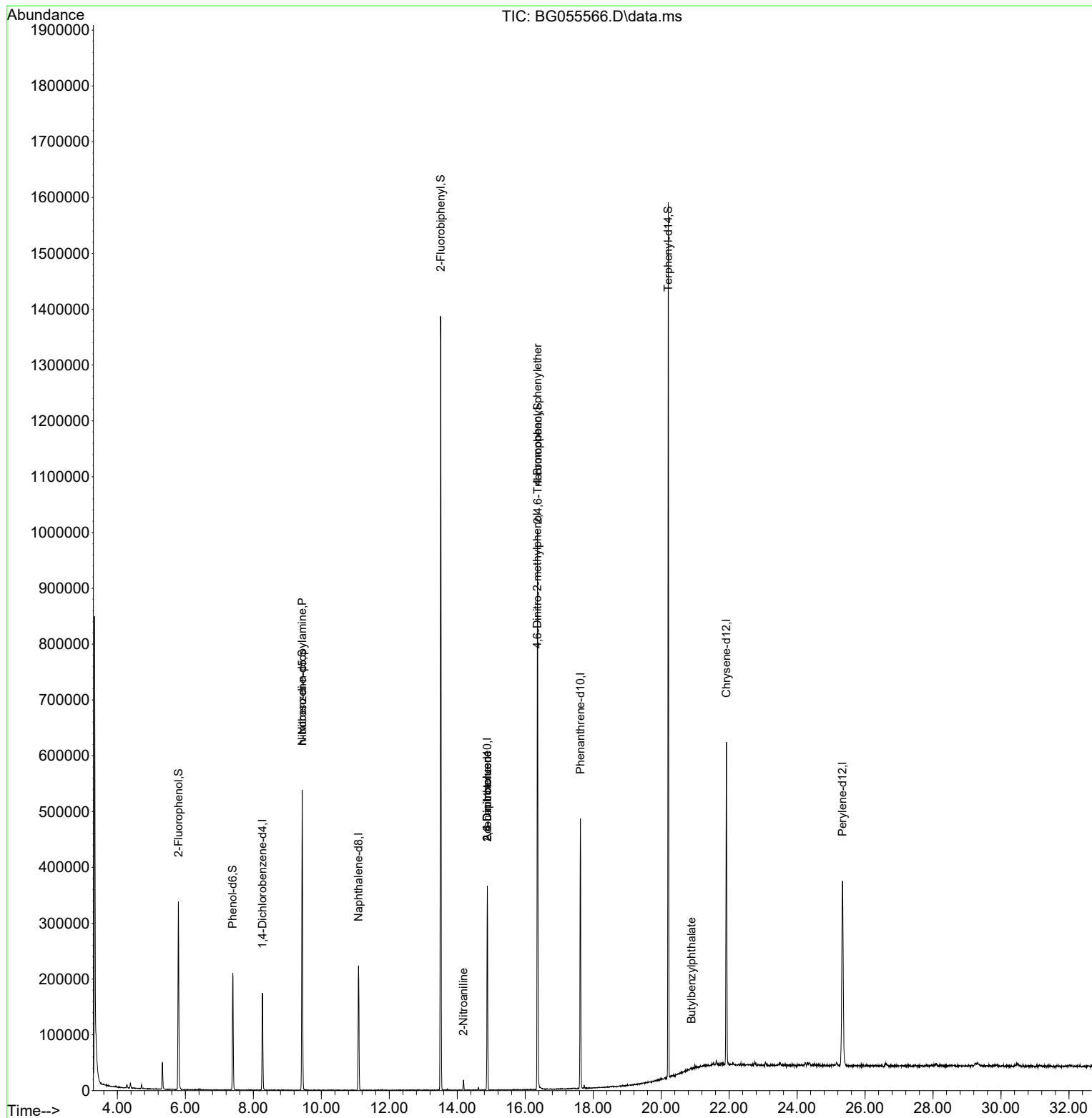
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	50415	20.000	ng	0.00
21) Naphthalene-d8	11.096	136	188567	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	125548	20.000	ng	0.00
64) Phenanthrene-d10	17.624	188	306435	20.000	ng	0.00
76) Chrysene-d12	21.919	240	366019	20.000	ng	-0.01
86) Perylene-d12	25.339	264	378056	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	156537	59.141	ng	0.00
7) Phenol-d6	7.395	99	117581	32.160	ng	0.00
23) Nitrobenzene-d5	9.440	82	312036	112.180	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	197875	161.534	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	721726	86.712	ng	0.00
79) Terphenyl-d14	20.209	244	771770	42.351	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.440	70	41143	13.616	ng	# 81
48) 2-Nitroaniline	14.181	65	428	4.003	ng	# 29
51) 2,6-Dinitrotoluene	14.886	165	15808	11.960	ng	# 21
57) 2,4-Dinitrotoluene	14.886	165	15808	10.221	ng	# 22
65) 4,6-Dinitro-2-methylph...	16.355	198	487	2.551	ng	# 89
67) 4-Bromophenyl-phenylether	16.361	248	12452	3.983	ng	# 1
80) Butylbenzylphthalate	20.891	149	318	3.396	ng	# 88

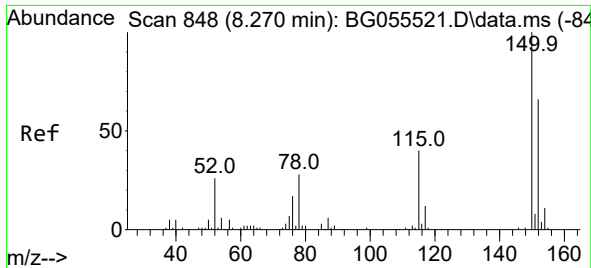
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
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BNA_G
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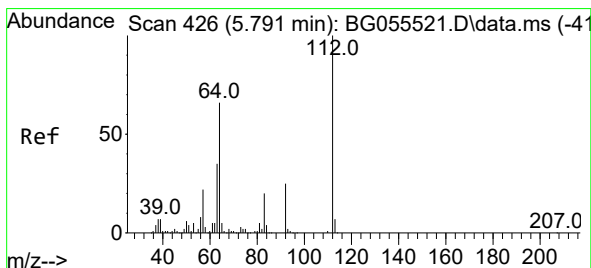
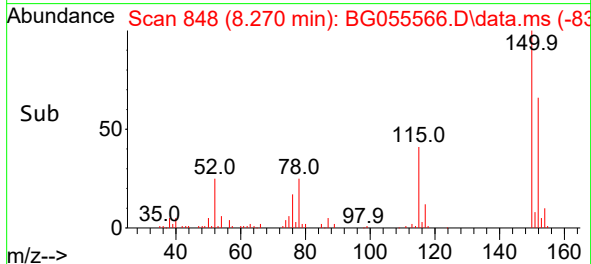
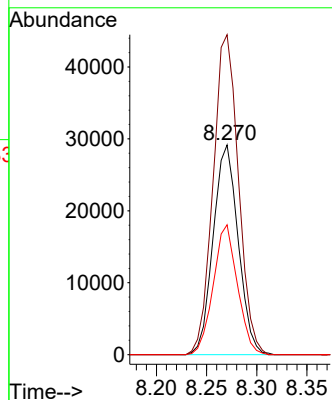
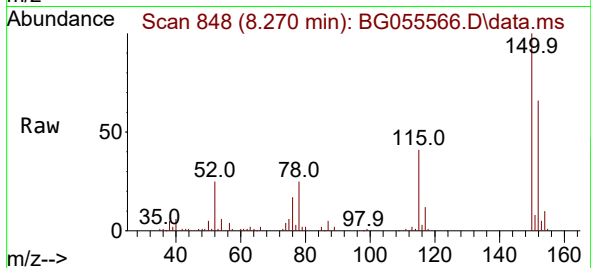




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. 0.000 min
Lab File: BG055566.D
Acq: 11 Nov 2022 14:21

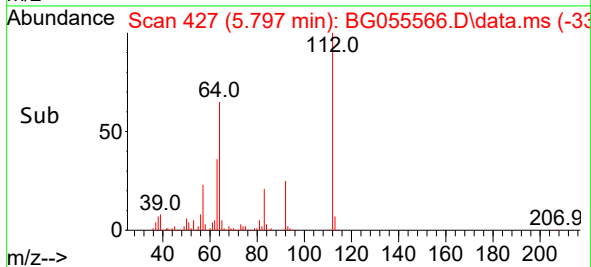
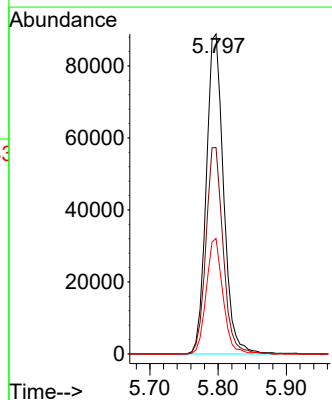
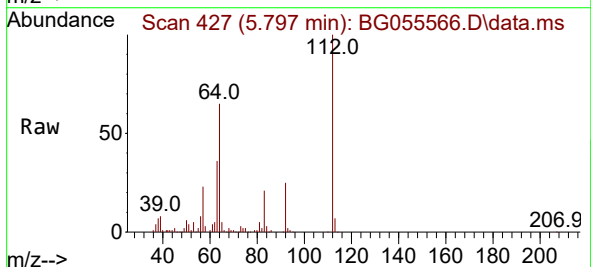
Instrument :
BNA_G
ClientSampleId :
B-3(OW)

Tgt Ion:152 Resp: 50415
Ion Ratio Lower Upper
152 100
150 152.5 121.0 181.4
115 61.9 47.8 71.8



#5
2-Fluorophenol
Concen: 59.141 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG055566.D
Acq: 11 Nov 2022 14:21

Tgt Ion:112 Resp: 156537
Ion Ratio Lower Upper
112 100
64 64.5 52.6 78.8
63 36.1 28.3 42.5

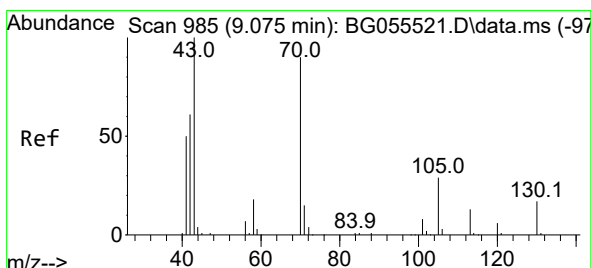
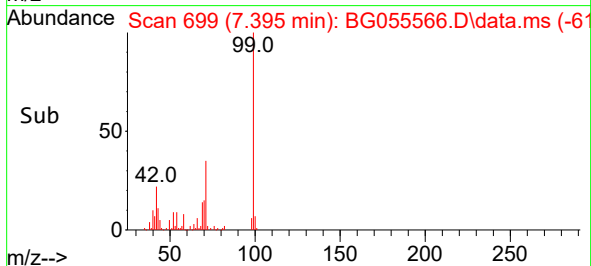
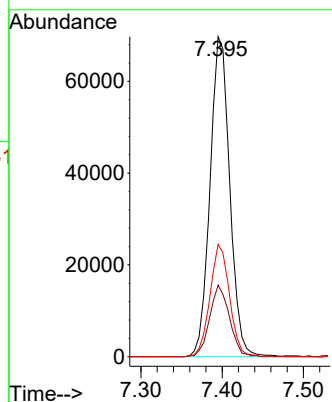
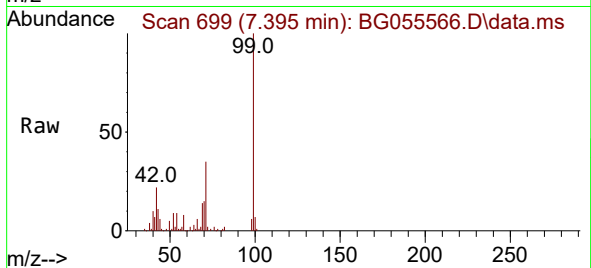




#7
Phenol-d6
Concen: 32.160 ng
RT: 7.395 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG055566.D
Acq: 11 Nov 2022 14:21

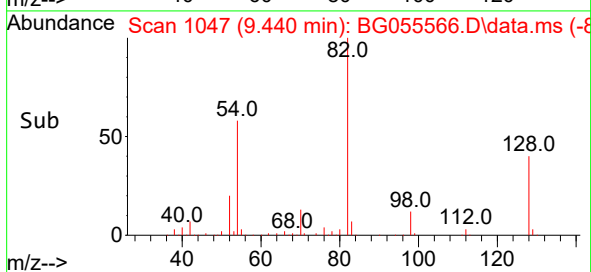
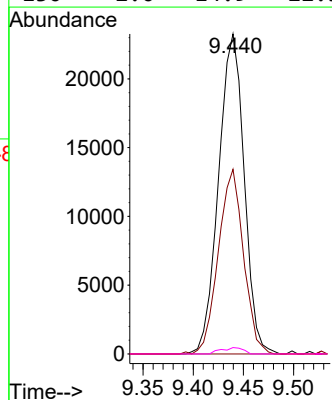
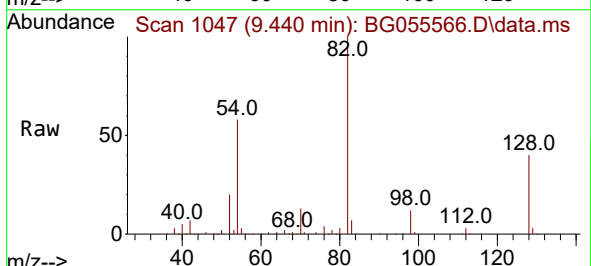
Instrument :
BNA_G
ClientSampleId :
B-3(OW)

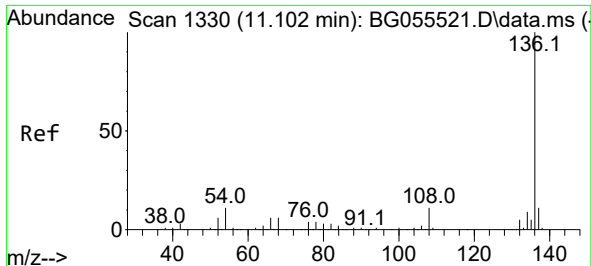
Tgt Ion: 99 Resp: 117581
Ion Ratio Lower Upper
99 100
42 22.3 17.5 26.3
71 35.1 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.616 ng
RT: 9.440 min Scan# 1047
Delta R.T. 0.365 min
Lab File: BG055566.D
Acq: 11 Nov 2022 14:21

Tgt Ion: 70 Resp: 41143
Ion Ratio Lower Upper
70 100
42 57.7 54.8 82.2
101 0.0 6.8 10.2#
130 2.0 14.9 22.3#

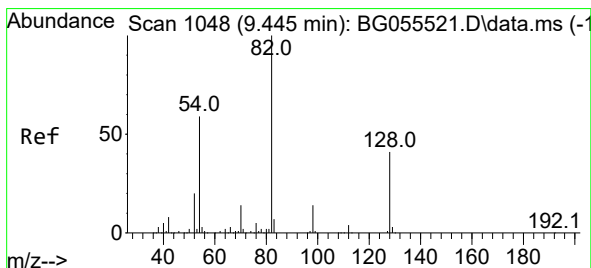
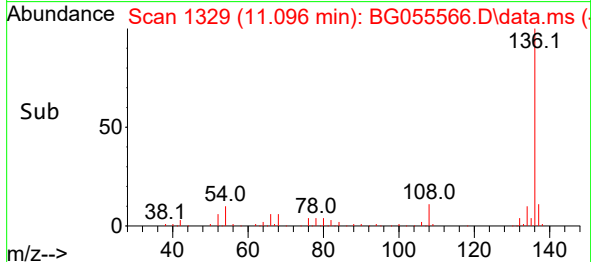
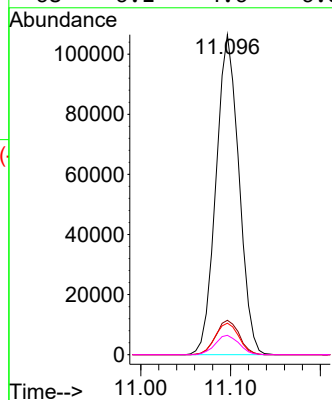
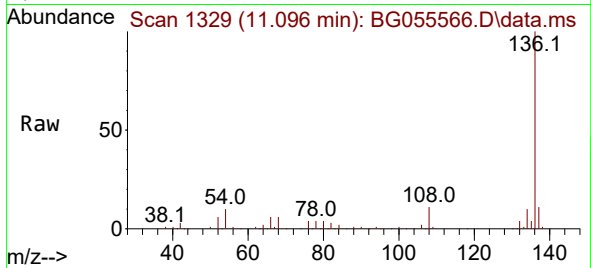




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.096 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055566.D
Acq: 11 Nov 2022 14:21

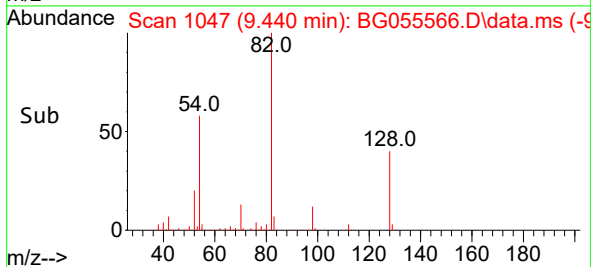
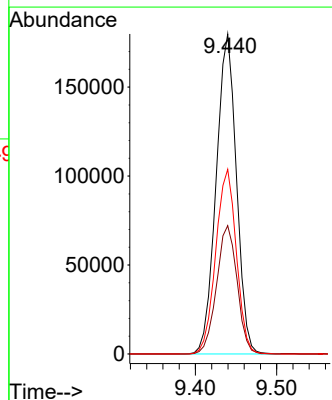
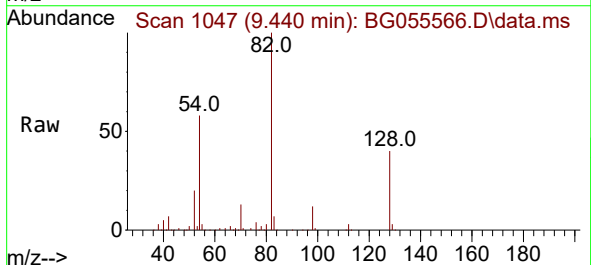
Instrument :
BNA_G
ClientSampleId :
B-3(OW)

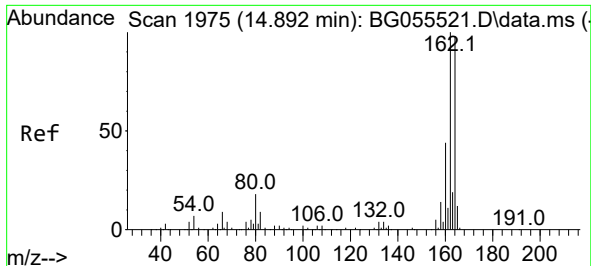
Tgt Ion:136 Resp: 188567
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.8 8.6 12.8
68 6.1 4.6 6.8



#23
Nitrobenzene-d5
Concen: 112.180 ng
RT: 9.440 min Scan# 1047
Delta R.T. -0.005 min
Lab File: BG055566.D
Acq: 11 Nov 2022 14:21

Tgt Ion: 82 Resp: 312036
Ion Ratio Lower Upper
82 100
128 40.1 32.6 49.0
54 57.7 47.3 70.9

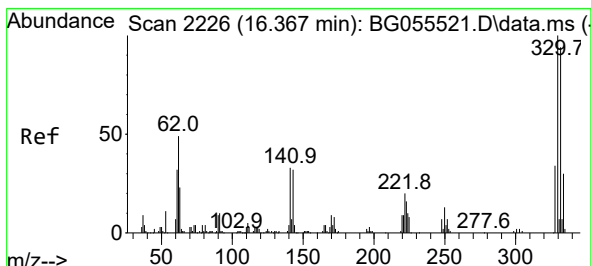
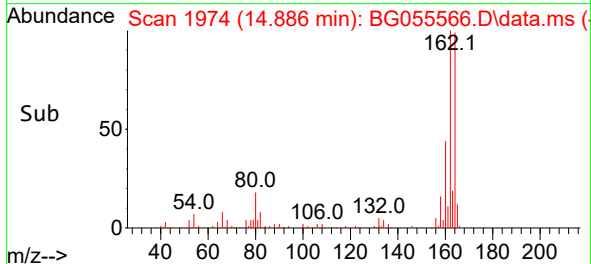
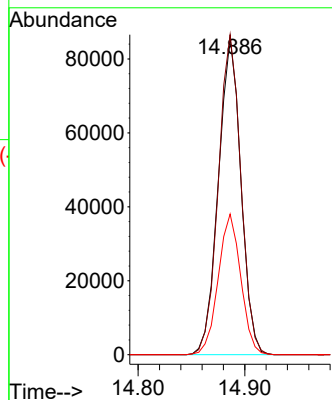
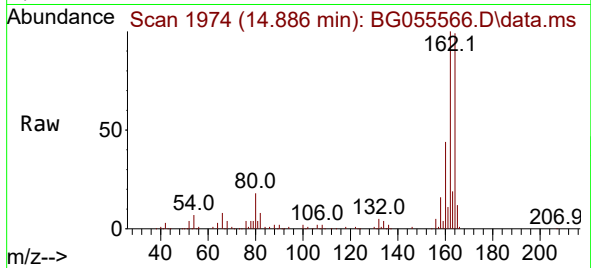




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.886 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG055566.D
Acq: 11 Nov 2022 14:21

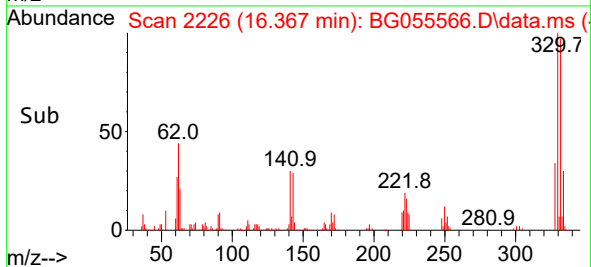
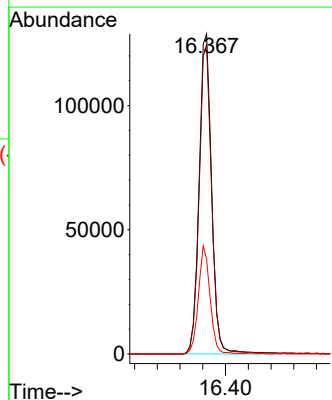
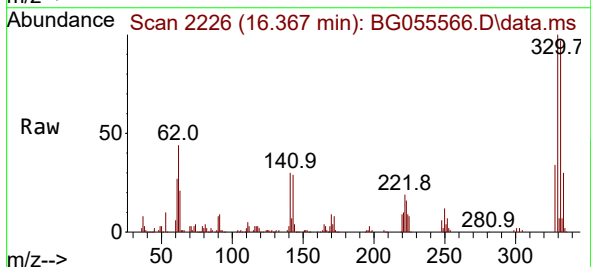
Instrument :
BNA_G
ClientSampleId :
B-3(OW)

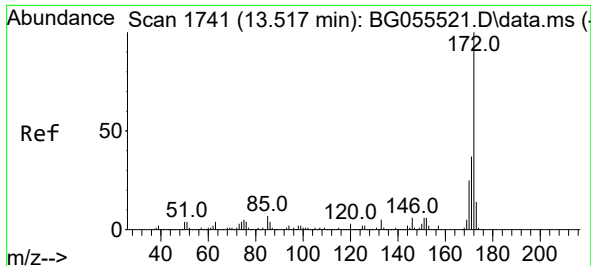
Tgt Ion:164 Resp: 125548
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 44.3 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 161.534 ng
RT: 16.367 min Scan# 2226
Delta R.T. -0.000 min
Lab File: BG055566.D
Acq: 11 Nov 2022 14:21

Tgt Ion:330 Resp: 197875
Ion Ratio Lower Upper
330 100
332 95.5 77.4 116.2
141 31.4 25.4 38.2

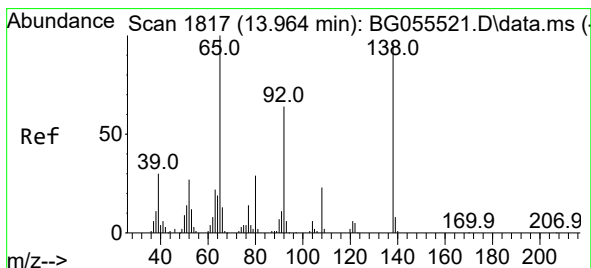
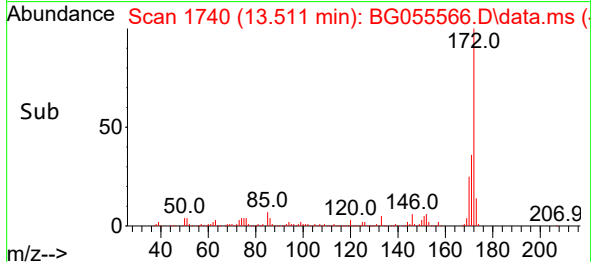
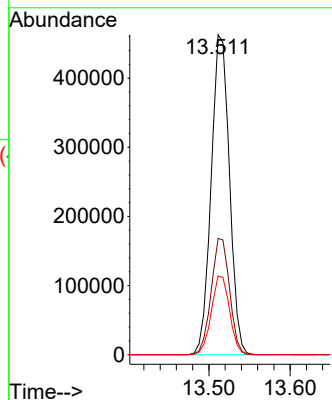
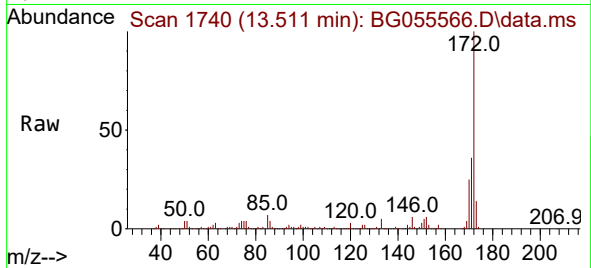




#45
2-Fluorobiphenyl
Concen: 86.712 ng
RT: 13.511 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055566.D
Acq: 11 Nov 2022 14:21

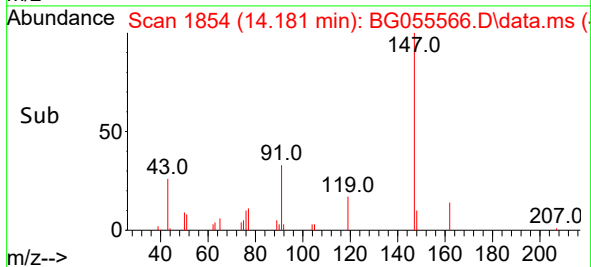
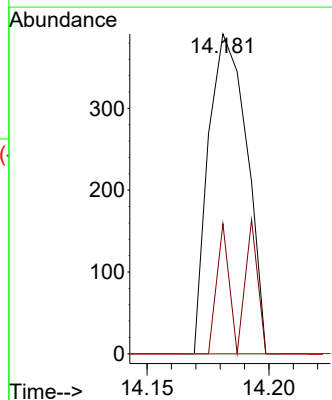
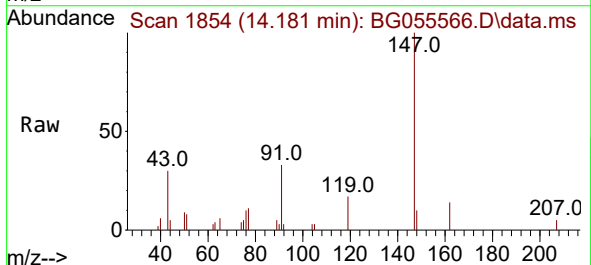
Instrument :
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B-3(OW)

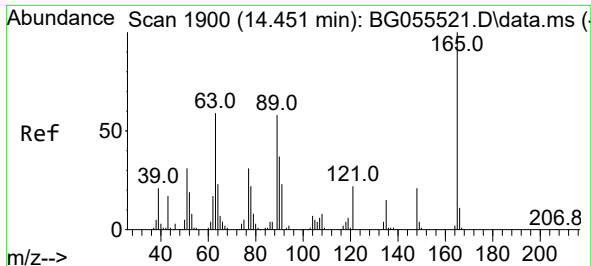
Tgt Ion:172 Resp: 721726
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.6 19.8 29.6



#48
2-Nitroaniline
Concen: 4.003 ng
RT: 14.181 min Scan# 1854
Delta R.T. 0.217 min
Lab File: BG055566.D
Acq: 11 Nov 2022 14:21

Tgt Ion: 65 Resp: 428
Ion Ratio Lower Upper
65 100
92 40.7 51.6 77.4#
138 0.0 77.0 115.4#

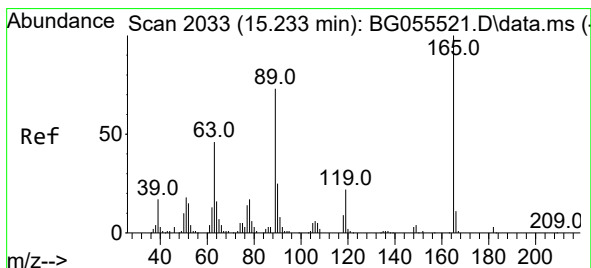
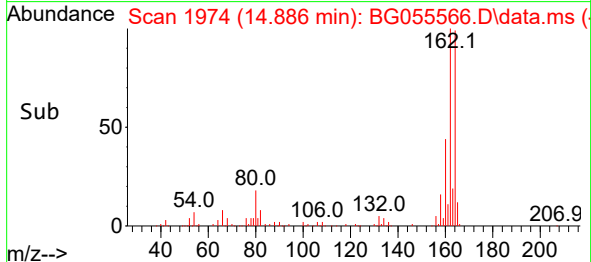
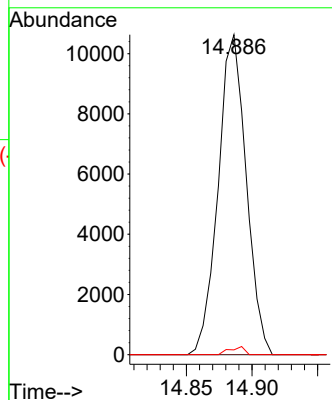
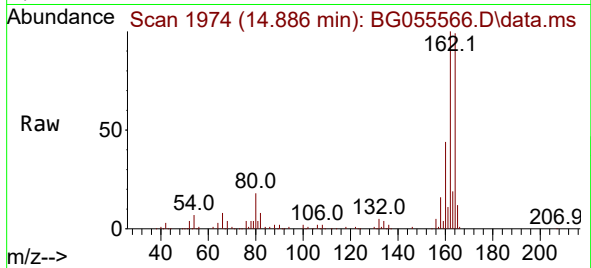




#51
2,6-Dinitrotoluene
Concen: 11.960 ng
RT: 14.886 min Scan# 1900
Delta R.T. 0.435 min
Lab File: BG055566.D
Acq: 11 Nov 2022 14:21

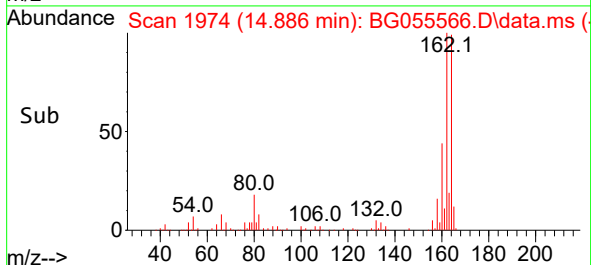
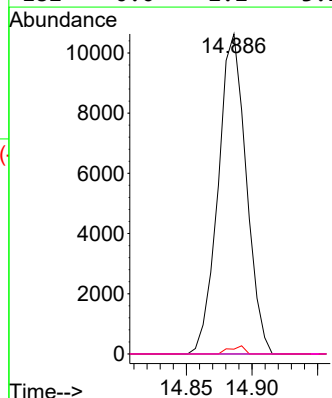
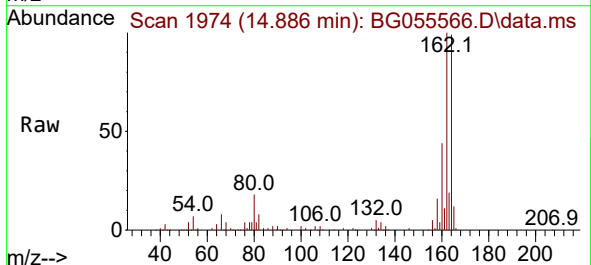
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ClientSampleId :
B-3(OW)

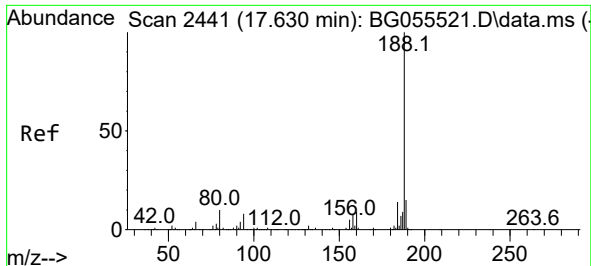
Tgt Ion:165 Resp: 15808
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 1.5 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 10.221 ng
RT: 14.886 min Scan# 1974
Delta R.T. -0.347 min
Lab File: BG055566.D
Acq: 11 Nov 2022 14:21

Tgt Ion:165 Resp: 15808
Ion Ratio Lower Upper
165 100
63 0.0 37.0 55.4#
89 1.5 58.6 87.8#
182 0.0 2.2 3.2#

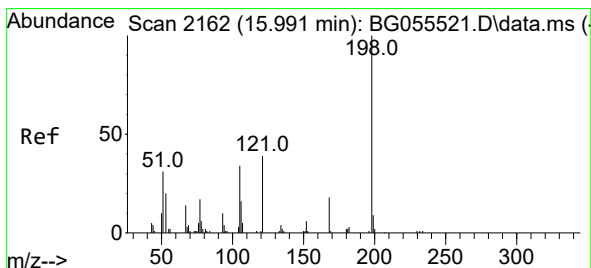
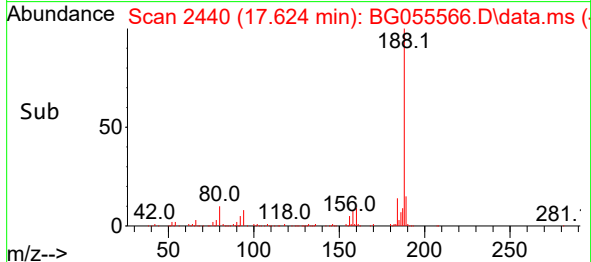
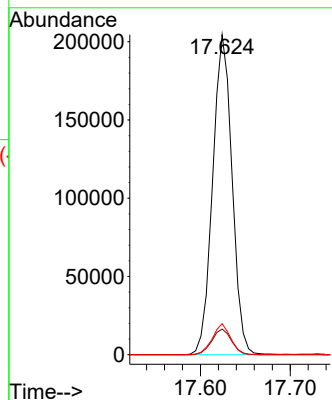
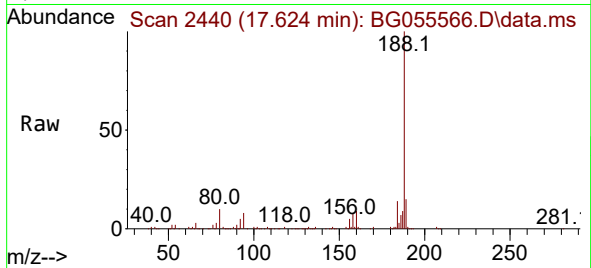




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.624 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BG055566.D
Acq: 11 Nov 2022 14:21

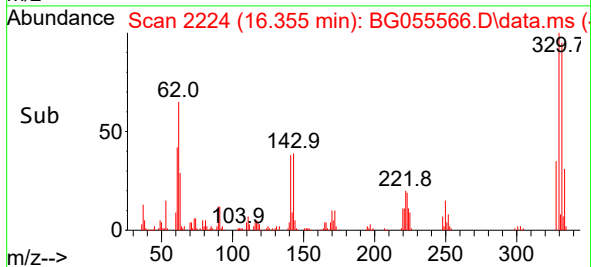
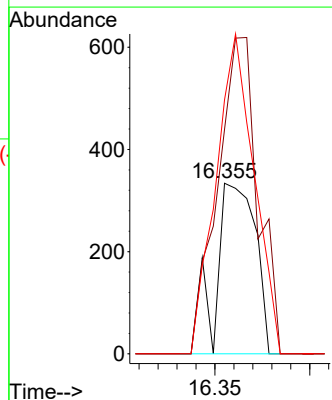
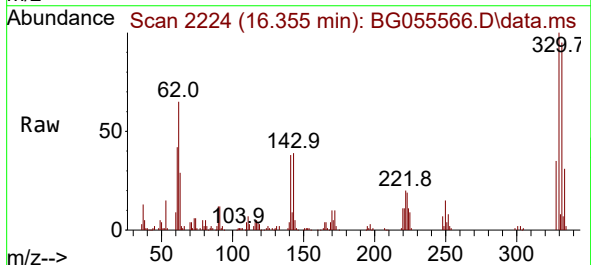
Instrument :
BNA_G
ClientSampleId :
B-3(OW)

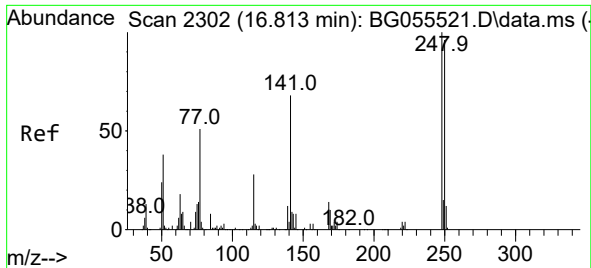
Tgt Ion:188 Resp: 306435
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 9.7 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 2.551 ng
RT: 16.355 min Scan# 2224
Delta R.T. 0.364 min
Lab File: BG055566.D
Acq: 11 Nov 2022 14:21

Tgt Ion:198 Resp: 487
Ion Ratio Lower Upper
198 100
51 32.4 24.7 64.7
105 36.7 17.6 57.6

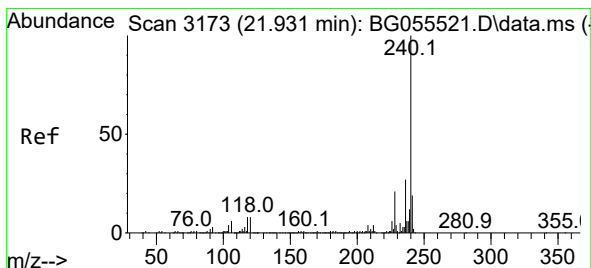
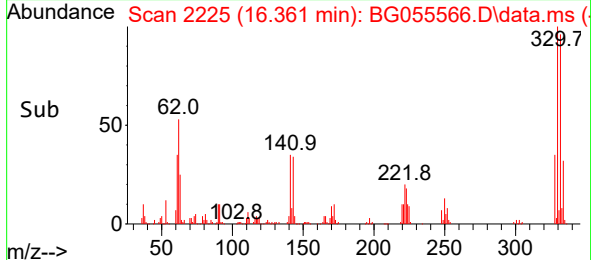
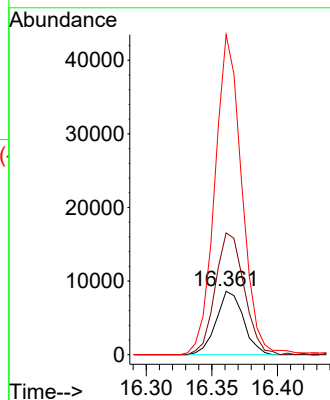
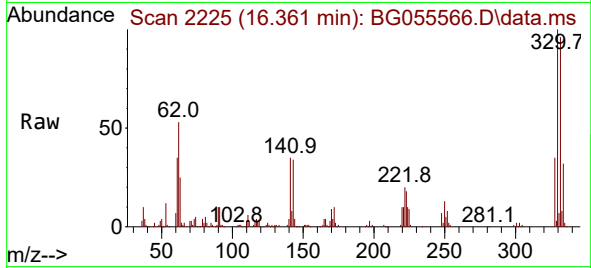




#67
4-Bromophenyl-phenylether
Concen: 3.983 ng
RT: 16.361 min Scan# 21
Delta R.T. -0.452 min
Lab File: BG055566.D
Acq: 11 Nov 2022 14:21

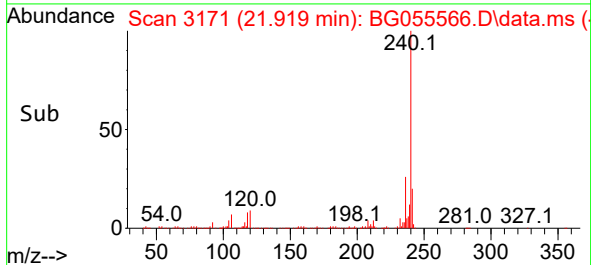
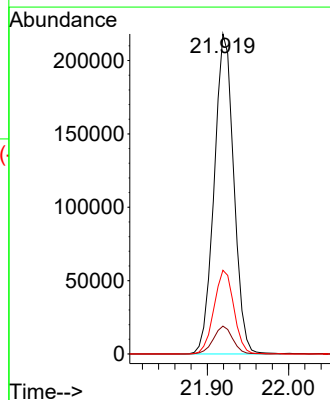
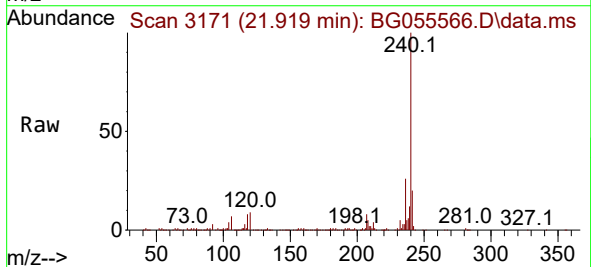
Instrument :
BNA_G
ClientSampleId :
B-3(OW)

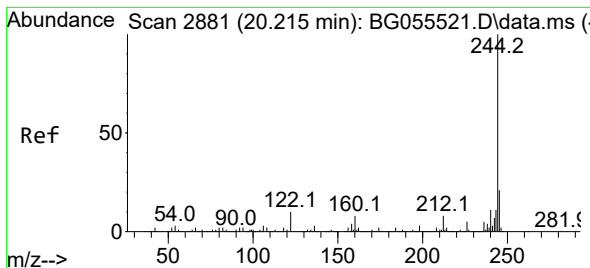
Tgt Ion:248 Resp: 12452
Ion Ratio Lower Upper
248 100
250 192.2 76.9 115.3#
141 505.0 54.3 81.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3171
Delta R.T. -0.012 min
Lab File: BG055566.D
Acq: 11 Nov 2022 14:21

Tgt Ion:240 Resp: 366019
Ion Ratio Lower Upper
240 100
120 8.7 6.1 9.1
236 26.2 21.4 32.0





#79

Terphenyl-d14

Concen: 42.351 ng

RT: 20.209 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG055566.D

Acq: 11 Nov 2022 14:21

Instrument :

BNA_G

ClientSampleId :

B-3(OW)

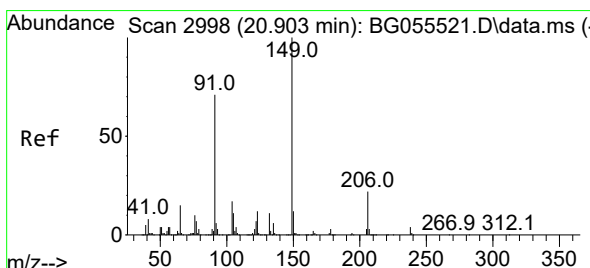
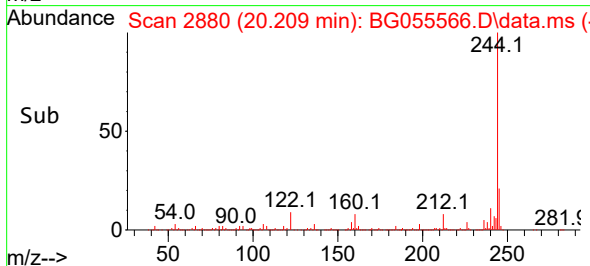
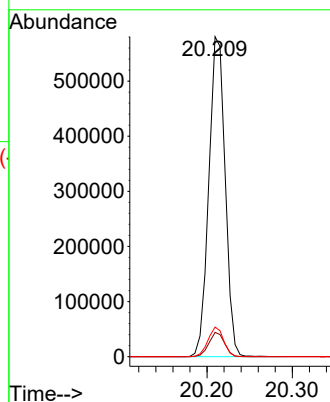
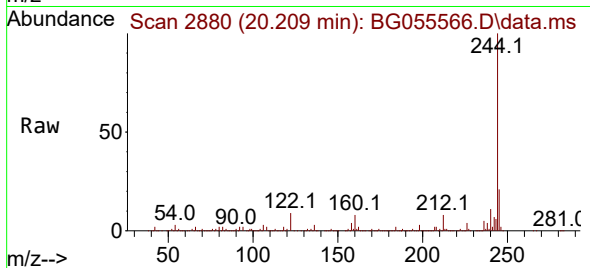
Tgt Ion:244 Resp: 771770

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

122 9.2 7.7 11.5



#80

Butylbenzylphthalate

Concen: 3.396 ng

RT: 20.891 min Scan# 2996

Delta R.T. -0.012 min

Lab File: BG055566.D

Acq: 11 Nov 2022 14:21

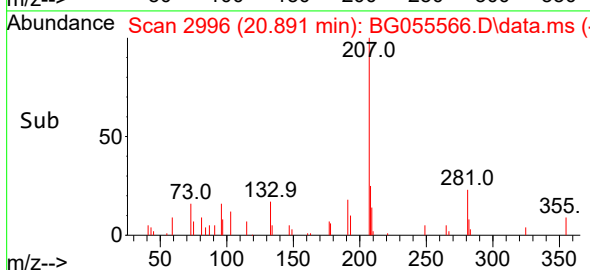
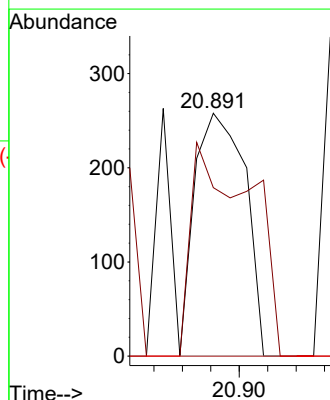
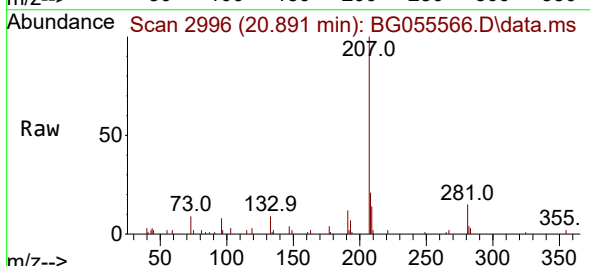
Tgt Ion:149 Resp: 318

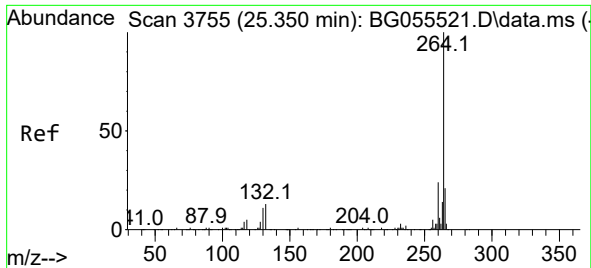
Ion Ratio Lower Upper

149 100

91 69.4 56.8 85.2

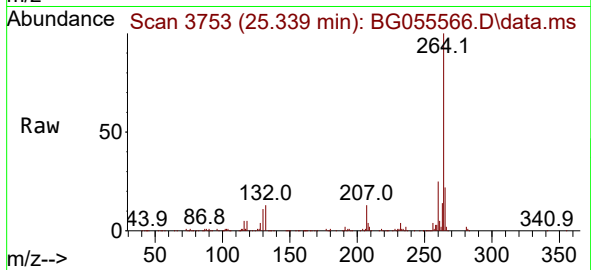
206 0.0 17.3 25.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.339 min Scan# 31
 Delta R.T. -0.011 min
 Lab File: BG055566.D
 Acq: 11 Nov 2022 14:21

Instrument :
 BNA_G
 ClientSampleId :
 B-3(OW)



Tgt Ion:264 Resp: 378056
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.4 29.2
 265 22.0 17.1 25.7

