

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112221\
 Data File : BG051179.D
 Acq On : 22 Nov 2021 20:58
 Operator : CG/JU
 Sample : M4786-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-357

Quant Time: Nov 23 00:51:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

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

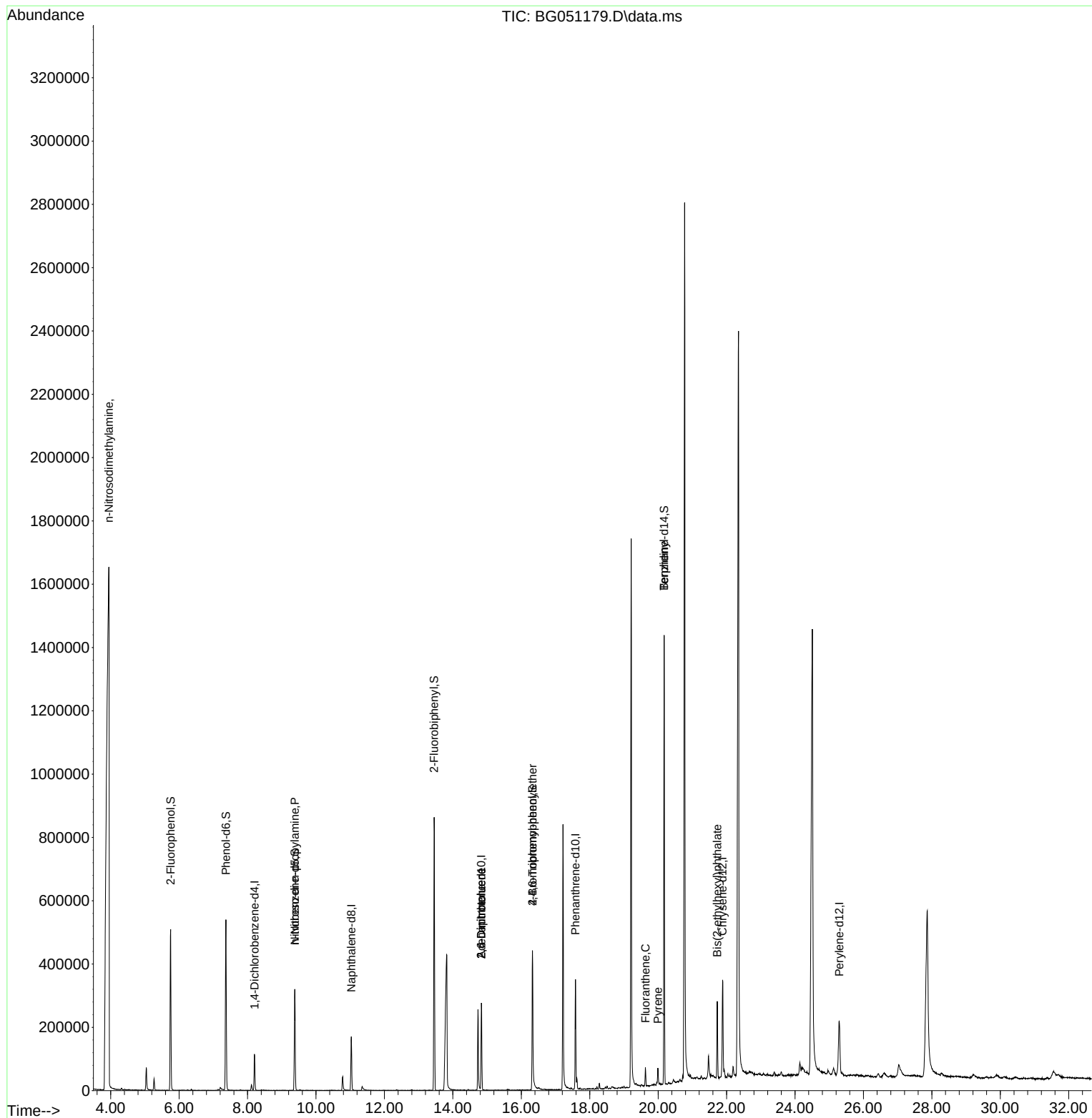
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.201	152	31632	20.000	ng	-0.01
21) Naphthalene-d8	11.033	136	142392	20.000	ng	# 0.00
39) Acenaphthene-d10	14.834	164	98186	20.000	ng	0.00
64) Phenanthrene-d10	17.584	188	211023	20.000	ng	# 0.00
76) Chrysene-d12	21.885	240	184779	20.000	ng	# 0.00
86) Perylene-d12	25.292	264	185422	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.751	112	228193	111.517	ng	0.00
7) Phenol-d6	7.366	99	319715	110.933	ng	0.00
23) Nitrobenzene-d5	9.382	82	209686	67.222	ng	0.00
42) 2,4,6-Tribromophenol	16.326	330	87173	83.532	ng	0.00
45) 2-Fluorobiphenyl	13.453	172	434564	66.786	ng	0.00
79) Terphenyl-d14	20.175	244	649558	64.264	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.947	42	225514	205.478	ng	# 1
19) n-Nitroso-di-n-propyla...	9.382	70	28732	13.506	ng	# 66
51) 2,6-Dinitrotoluene	14.834	165	12953	8.198	ng	# 14
57) 2,4-Dinitrotoluene	14.834	165	12953	5.724	ng	# 19
67) 4-Bromophenyl-phenylether	16.326	248	6543	2.867	ng	# 1
75) Fluoranthene	19.628	202	34271	2.451	ng	94
77) Benzidine	20.175	184	11402	3.758	ng	# 90
78) Pyrene	19.993	202	32946	2.459	ng	98
84) Bis(2-ethylhexyl)phtha...	21.726	149	101611	12.768	ng	# 95

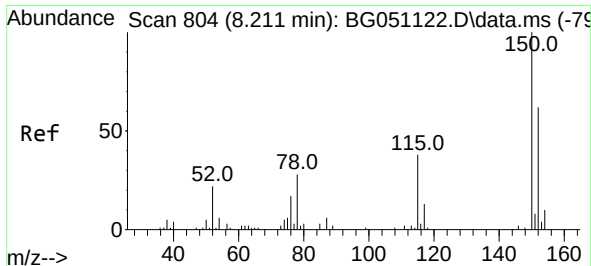
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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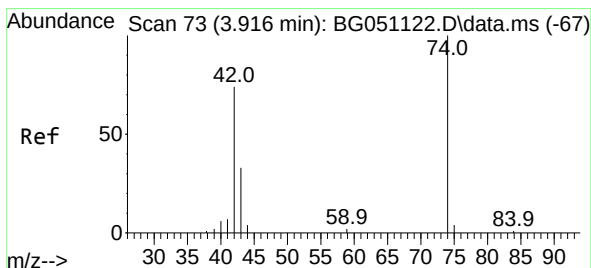
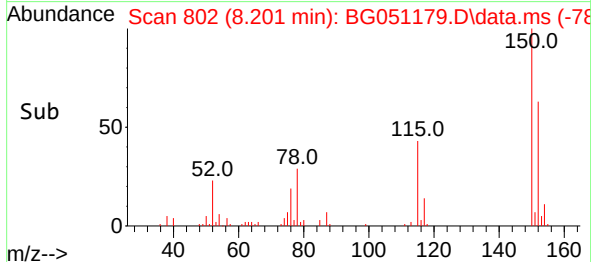
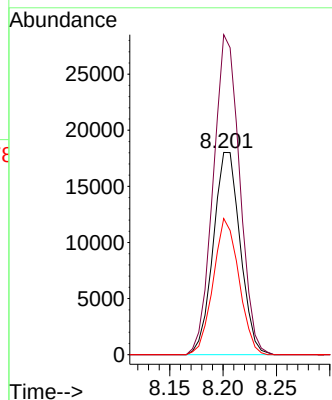
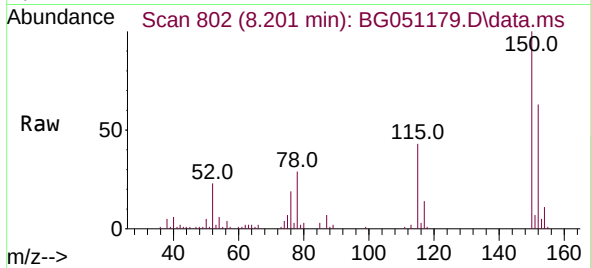




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.201 min Scan# 80
Delta R.T. -0.010 min
Lab File: BG051179.D
Acq: 22 Nov 2021 20:58

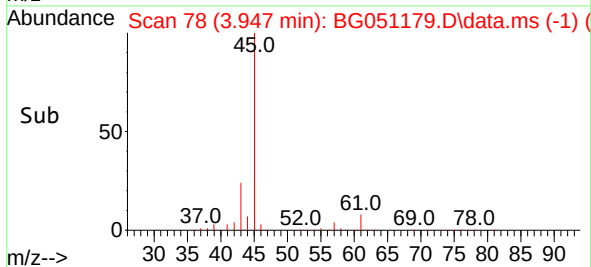
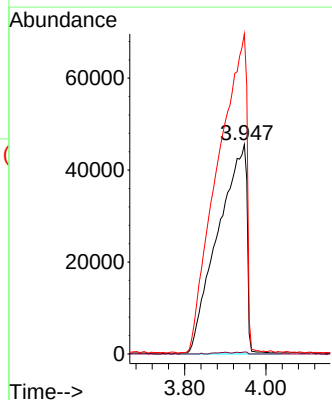
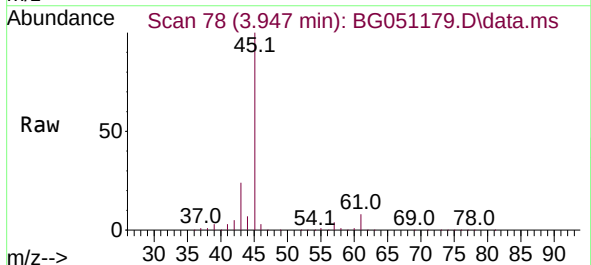
Instrument :
BNA_G
ClientSampleId :
RO-357

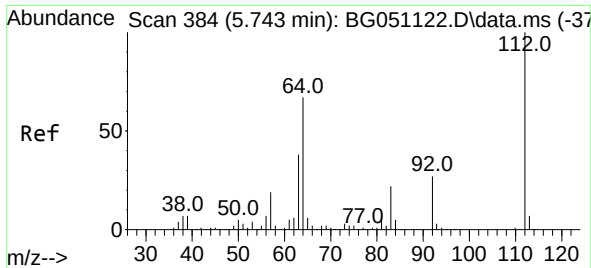
Tgt Ion:152 Resp: 31632
Ion Ratio Lower Upper
152 100
150 158.2 119.4 179.0
115 67.3 60.2 90.4



#4
n-Nitrosodimethylamine
Concen: 205.478 ng
RT: 3.947 min Scan# 78
Delta R.T. 0.031 min
Lab File: BG051179.D
Acq: 22 Nov 2021 20:58

Tgt Ion: 42 Resp: 225514
Ion Ratio Lower Upper
42 100
74 0.9 64.0 96.0#
44 152.8 2.7 4.1#

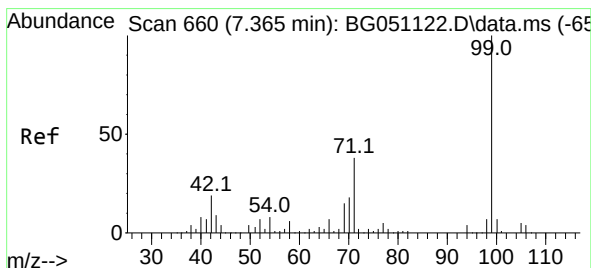
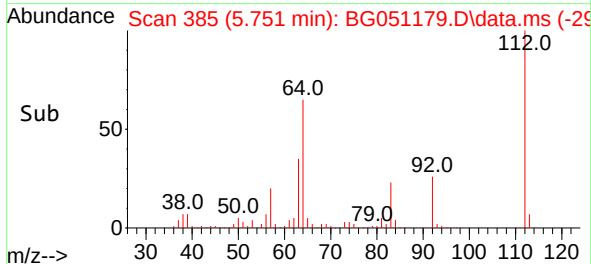
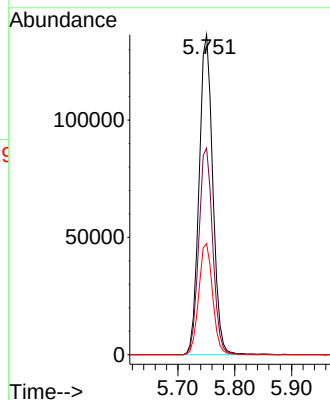
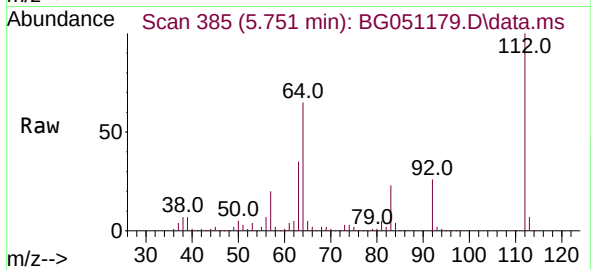




#5
2-Fluorophenol
Concen: 111.517 ng
RT: 5.751 min Scan# 385
Delta R.T. 0.007 min
Lab File: BG051179.D
Acq: 22 Nov 2021 20:58

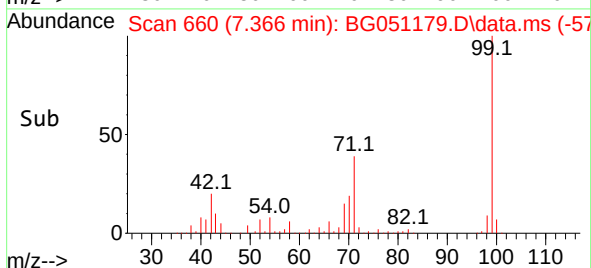
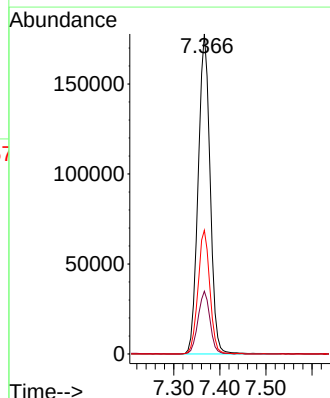
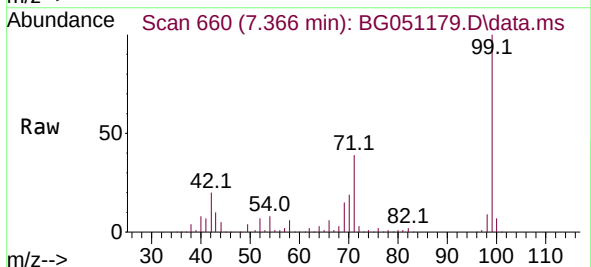
Instrument :
BNA_G
ClientSampleId :
RO-357

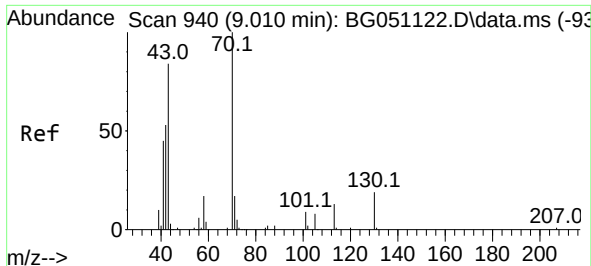
Tgt Ion:112 Resp: 228193
Ion Ratio Lower Upper
112 100
64 64.5 46.7 70.1
63 34.7 35.3 52.9#



#7
Phenol-d6
Concen: 110.933 ng
RT: 7.366 min Scan# 660
Delta R.T. 0.001 min
Lab File: BG051179.D
Acq: 22 Nov 2021 20:58

Tgt Ion: 99 Resp: 319715
Ion Ratio Lower Upper
99 100
42 19.6 20.5 30.7#
71 38.7 41.5 62.3#

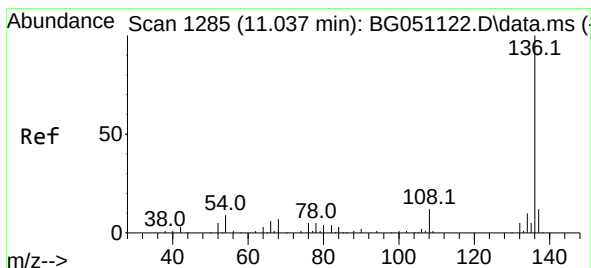
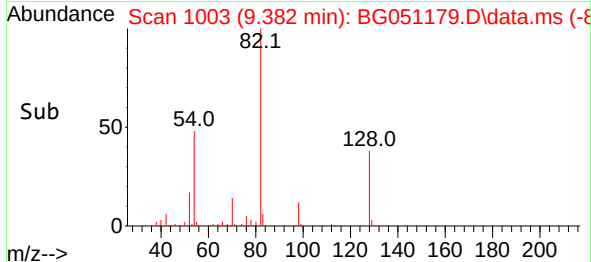
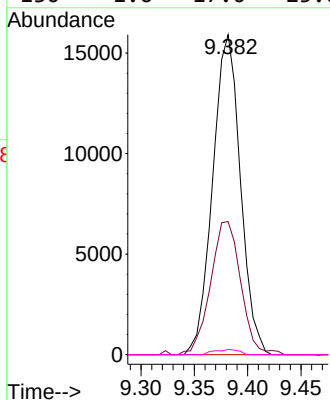
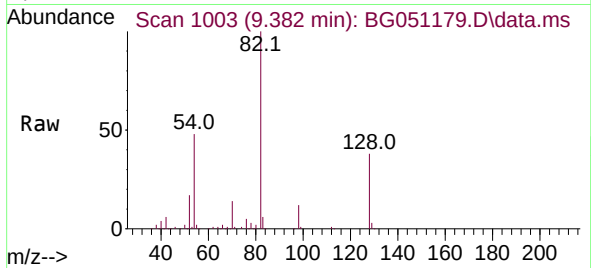




#19
n-Nitroso-di-n-propylamine
Concen: 13.506 ng
RT: 9.382 min Scan# 1003
Delta R.T. 0.372 min
Lab File: BG051179.D
Acq: 22 Nov 2021 20:58

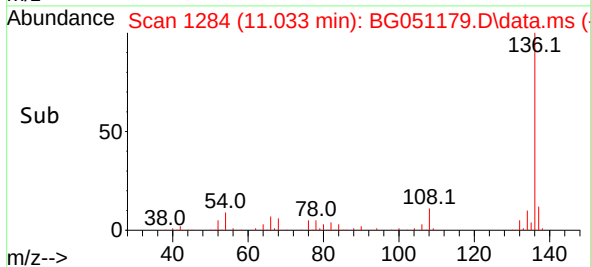
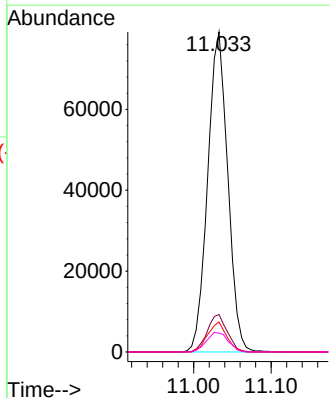
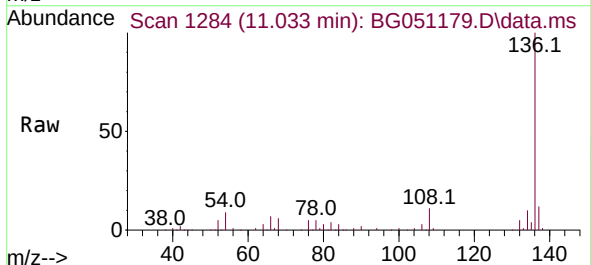
Instrument :
BNA_G
ClientSampleId :
RO-357

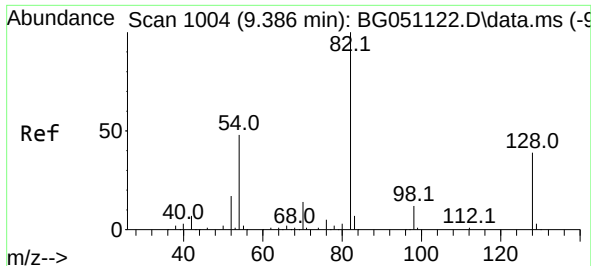
Tgt Ion:	70	Resp:	28732
Ion	Ratio	Lower	Upper
70	100		
42	41.6	54.5	81.7#
101	0.0	9.0	13.6#
130	1.6	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.033 min Scan# 1284
Delta R.T. -0.004 min
Lab File: BG051179.D
Acq: 22 Nov 2021 20:58

Tgt Ion:	136	Resp:	142392
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.2	12.2
54	9.4	5.5	8.3#
68	5.9	2.3	3.5#





#23

Nitrobenzene-d5

Concen: 67.222 ng

RT: 9.382 min Scan# 1004

Delta R.T. -0.004 min

Lab File: BG051179.D

Acq: 22 Nov 2021 20:58

Instrument :

BNA_G

ClientSampleId :

RO-357

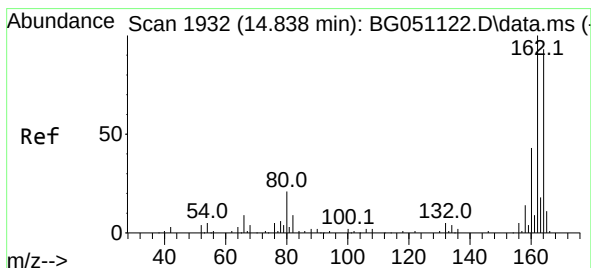
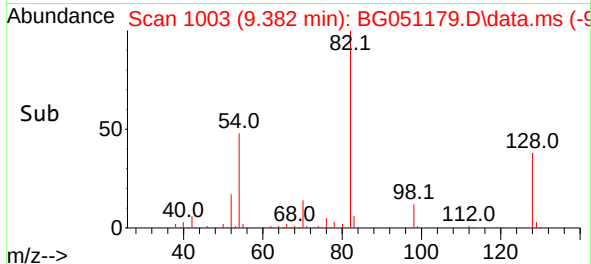
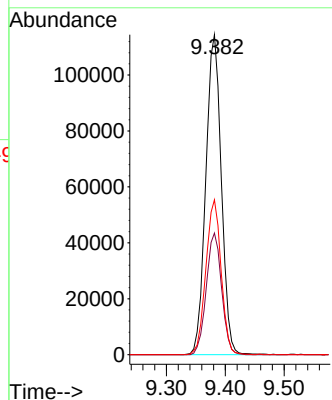
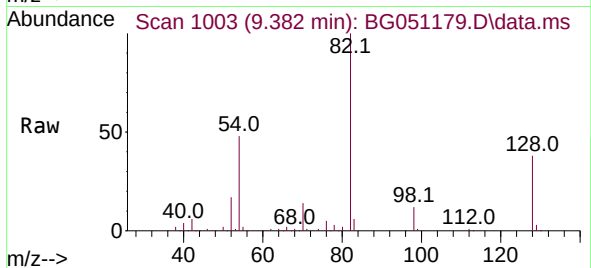
Tgt Ion: 82 Resp: 209686

Ion Ratio Lower Upper

82 100

128 38.0 29.8 44.6

54 48.4 45.8 68.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.834 min Scan# 1931

Delta R.T. -0.004 min

Lab File: BG051179.D

Acq: 22 Nov 2021 20:58

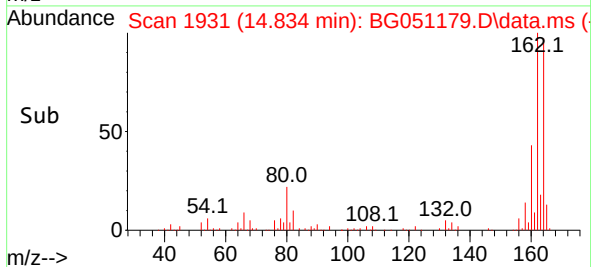
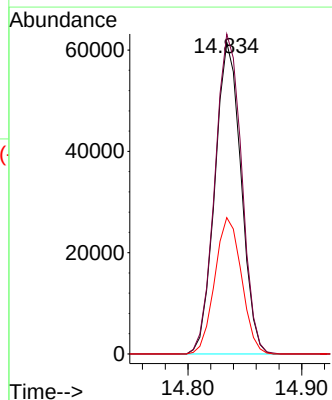
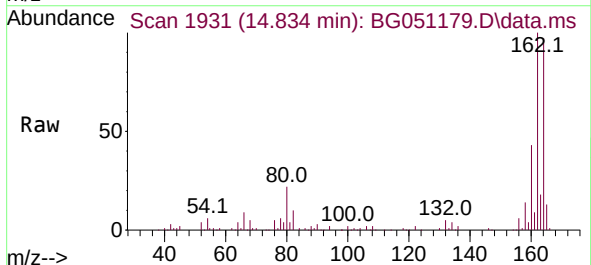
Tgt Ion:164 Resp: 98186

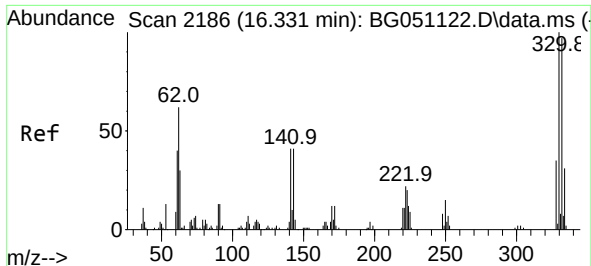
Ion Ratio Lower Upper

164 100

162 102.7 81.4 122.0

160 43.8 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 83.532 ng

RT: 16.326 min Scan# 2186

Delta R.T. -0.004 min

Lab File: BG051179.D

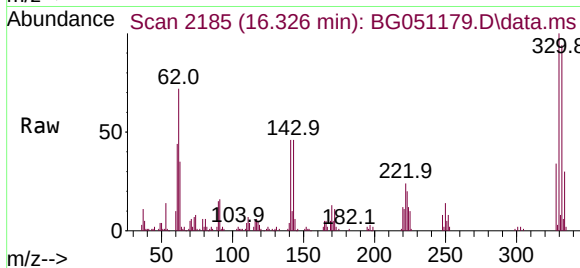
Acq: 22 Nov 2021 20:58

Instrument :

BNA_G

ClientSampleId :

RO-357



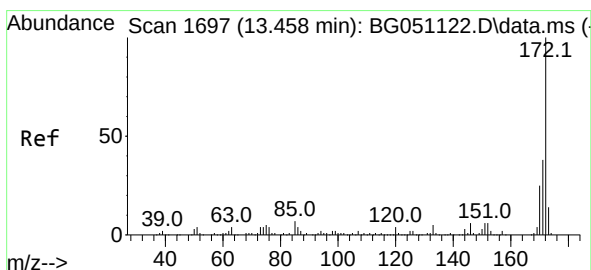
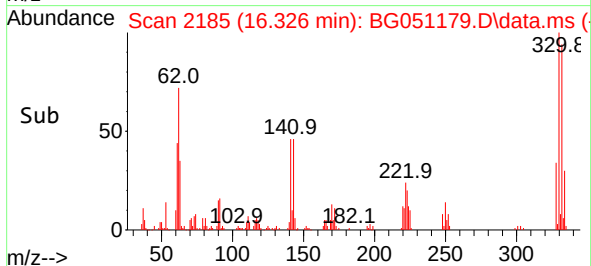
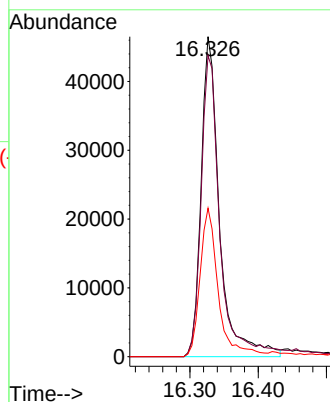
Tgt Ion:330 Resp: 87173

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 46.1 35.6 53.4



#45

2-Fluorobiphenyl

Concen: 66.786 ng

RT: 13.453 min Scan# 1696

Delta R.T. -0.004 min

Lab File: BG051179.D

Acq: 22 Nov 2021 20:58

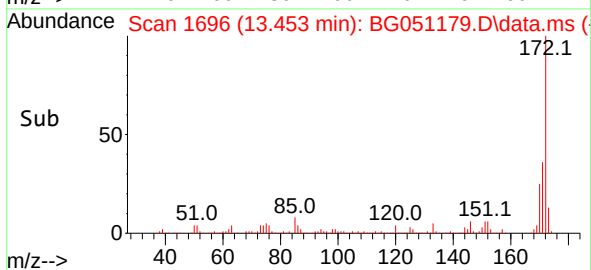
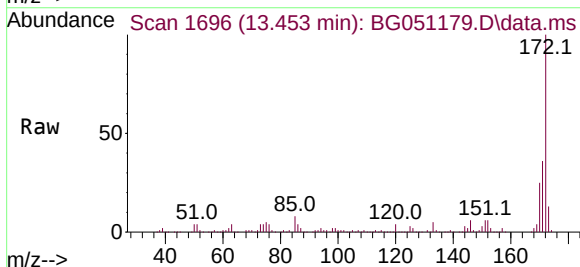
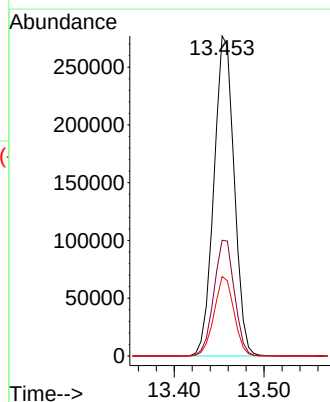
Tgt Ion:172 Resp: 434564

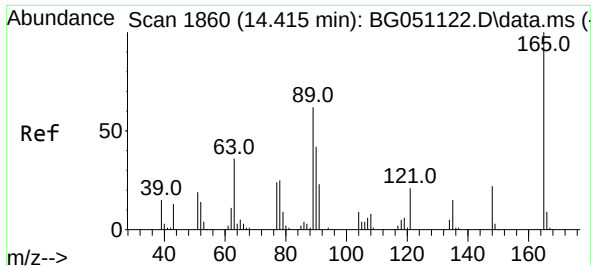
Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 24.8 18.6 27.8

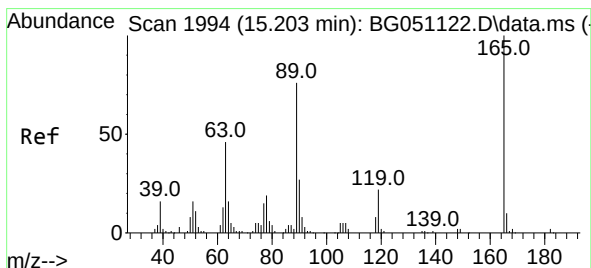
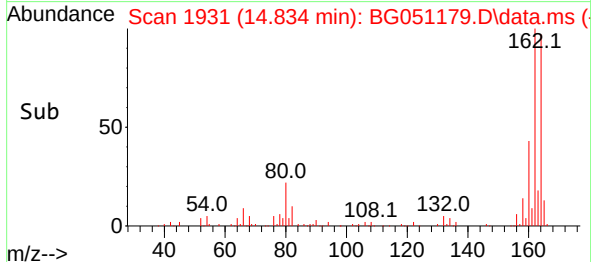
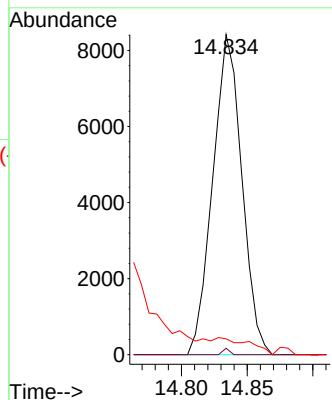
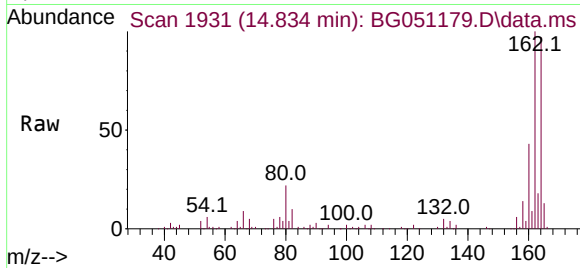




#51
2,6-Dinitrotoluene
Concen: 8.198 ng
RT: 14.834 min Scan# 1931
Delta R.T. 0.419 min
Lab File: BG051179.D
Acq: 22 Nov 2021 20:58

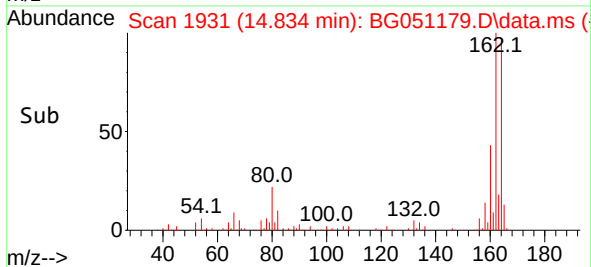
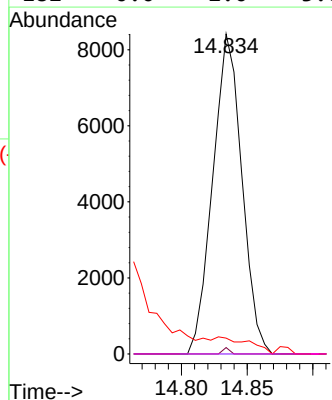
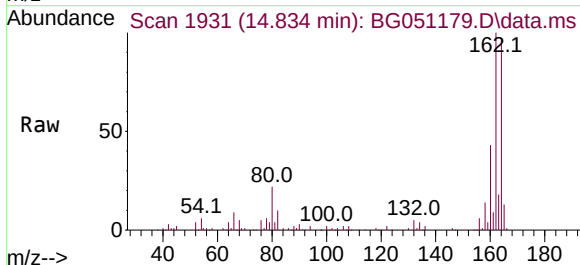
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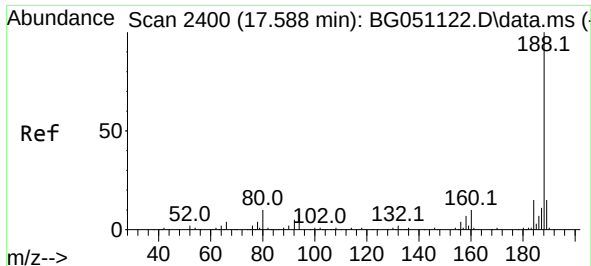
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	63.3	94.9#
89	4.9	63.4	95.0#



#57
2,4-Dinitrotoluene
Concen: 5.724 ng
RT: 14.834 min Scan# 1931
Delta R.T. -0.369 min
Lab File: BG051179.D
Acq: 22 Nov 2021 20:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	48.0	72.0#
89	4.9	65.4	98.0#
182	0.0	2.0	3.0#

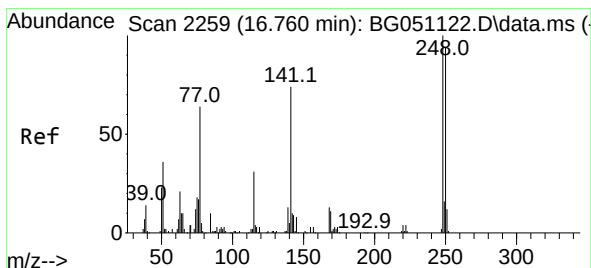
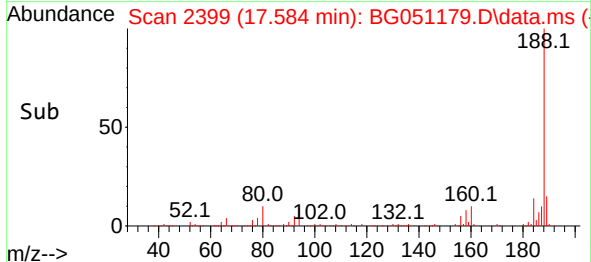
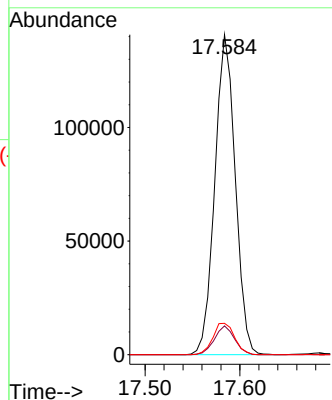
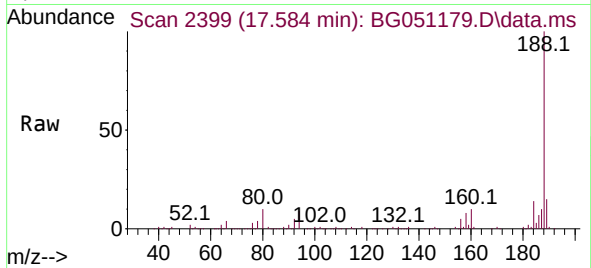




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.584 min Scan# 2110
Delta R.T. -0.004 min
Lab File: BG051179.D
Acq: 22 Nov 2021 20:58

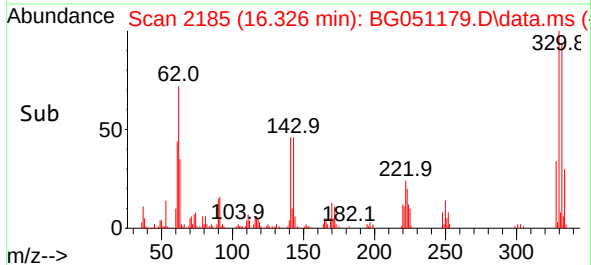
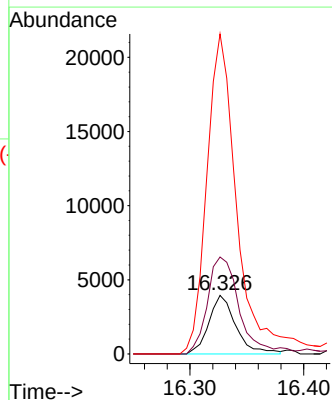
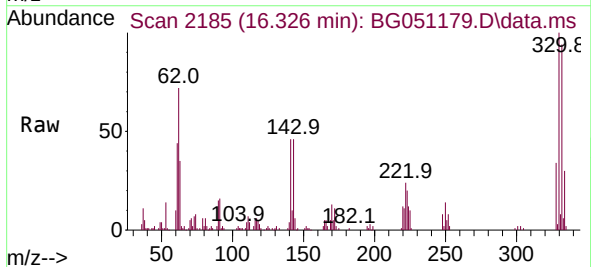
Instrument :
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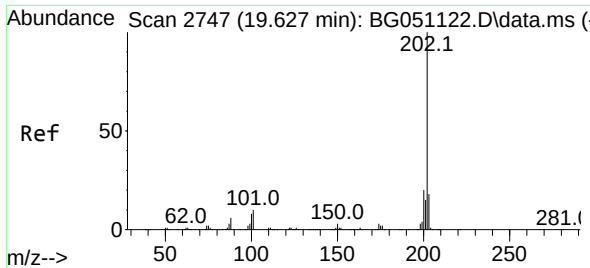
Tgt Ion:188 Resp: 211023
Ion Ratio Lower Upper
188 100
94 9.0 5.4 8.0#
80 9.8 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 2.867 ng
RT: 16.326 min Scan# 2185
Delta R.T. -0.433 min
Lab File: BG051179.D
Acq: 22 Nov 2021 20:58

Tgt Ion:248 Resp: 6543
Ion Ratio Lower Upper
248 100
250 165.6 76.1 114.1#
141 546.2 65.4 98.2#

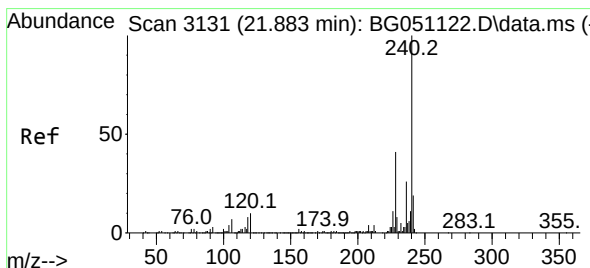
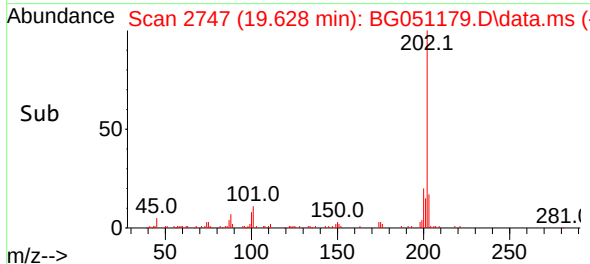
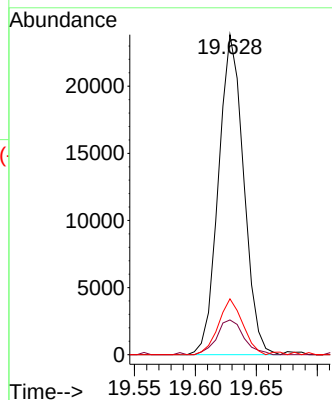
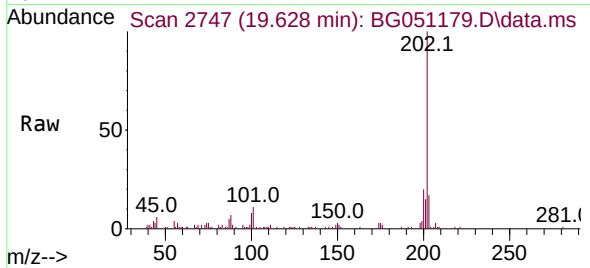




#75
Fluoranthene
Concen: 2.451 ng
RT: 19.628 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG051179.D
Acq: 22 Nov 2021 20:58

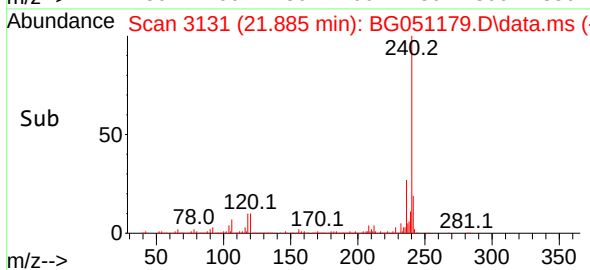
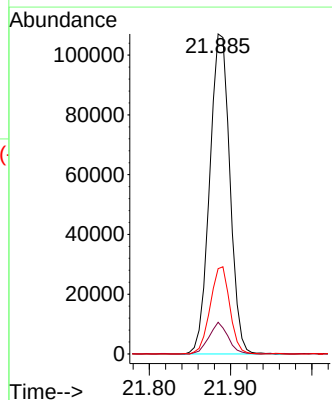
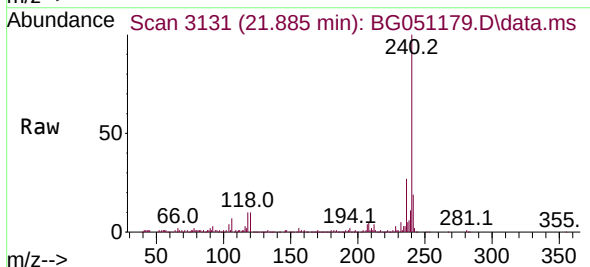
Instrument :
BNA_G
ClientSampleId :
RO-357

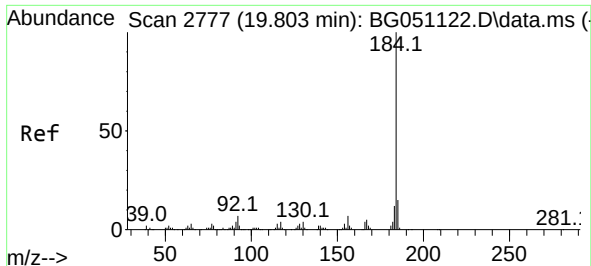
Tgt Ion:202 Resp: 34271
Ion Ratio Lower Upper
202 100
101 10.9 0.0 24.7
203 17.5 0.0 38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.885 min Scan# 3131
Delta R.T. 0.001 min
Lab File: BG051179.D
Acq: 22 Nov 2021 20:58

Tgt Ion:240 Resp: 184779
Ion Ratio Lower Upper
240 100
120 9.9 4.2 6.2#
236 26.7 21.8 32.6

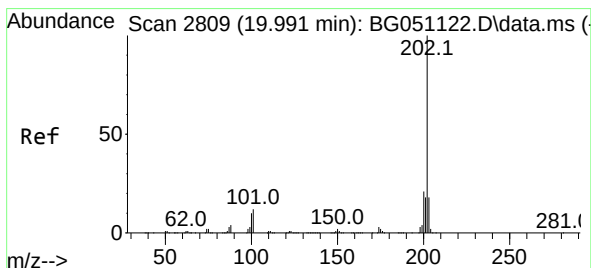
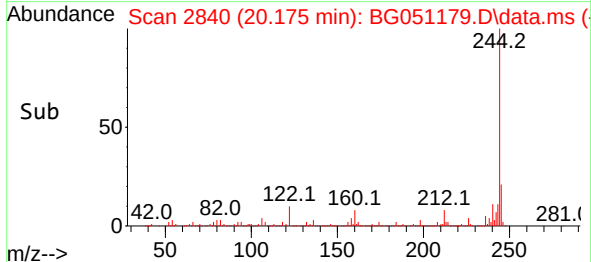
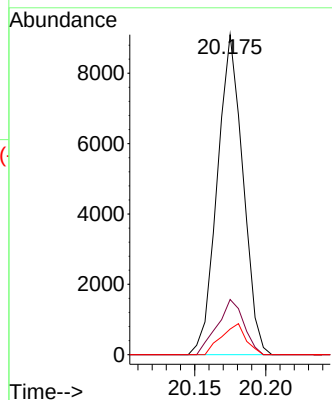
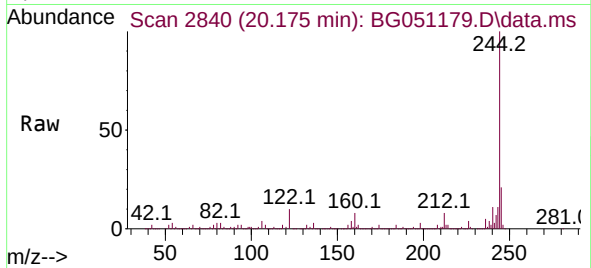




#77
Benzidine
Concen: 3.758 ng
RT: 20.175 min Scan# 21
Delta R.T. 0.372 min
Lab File: BG051179.D
Acq: 22 Nov 2021 20:58

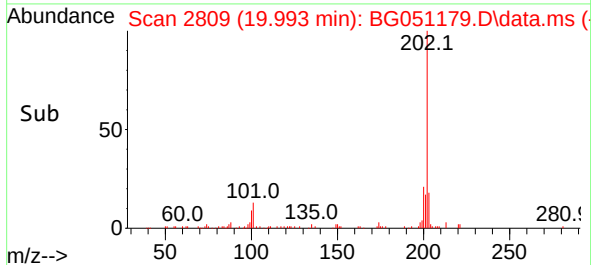
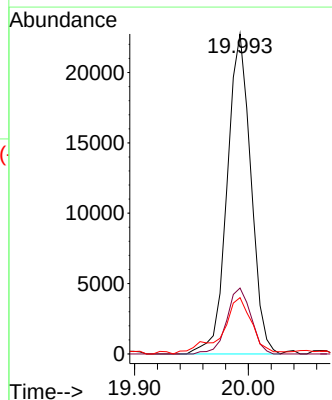
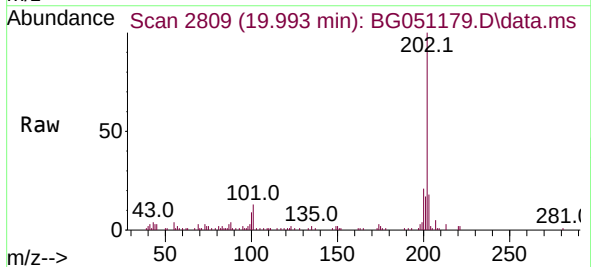
Instrument :
BNA_G
ClientSampleId :
RO-357

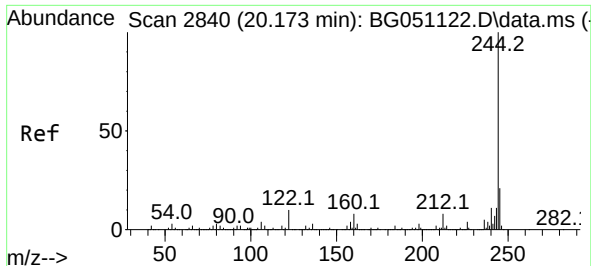
Tgt Ion:184 Resp: 11402
Ion Ratio Lower Upper
184 100
185 17.3 10.7 16.1#
183 8.0 9.4 14.0#



#78
Pyrene
Concen: 2.459 ng
RT: 19.993 min Scan# 2809
Delta R.T. 0.001 min
Lab File: BG051179.D
Acq: 22 Nov 2021 20:58

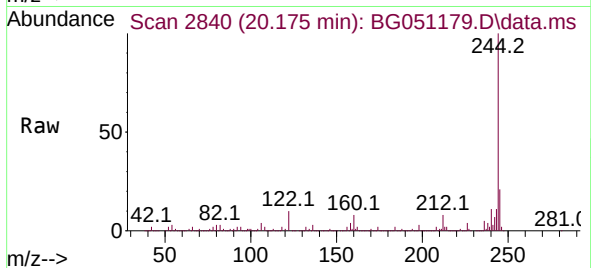
Tgt Ion:202 Resp: 32946
Ion Ratio Lower Upper
202 100
200 20.6 15.8 23.8
203 17.6 14.6 21.8



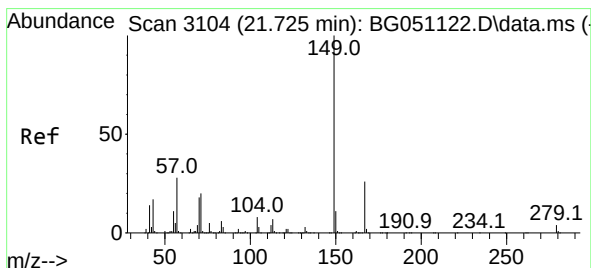
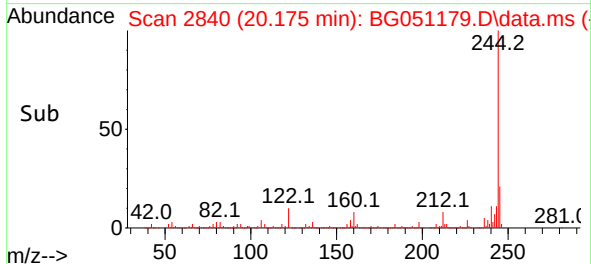
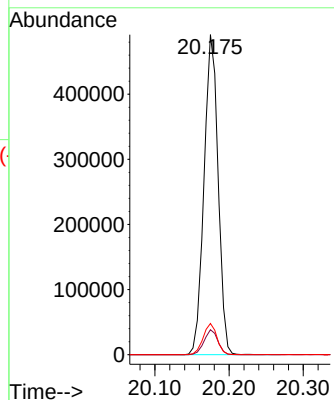


#79
 Terphenyl-d14
 Concen: 64.264 ng
 RT: 20.175 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG051179.D
 Acq: 22 Nov 2021 20:58

Instrument :
 BNA_G
 ClientSampleId :
 RO-357

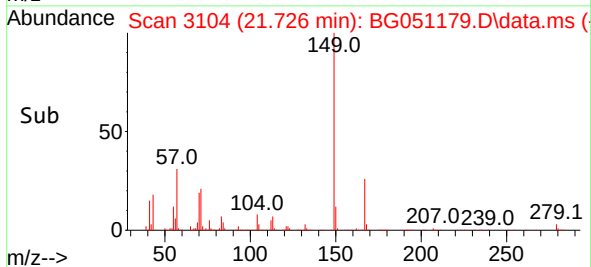
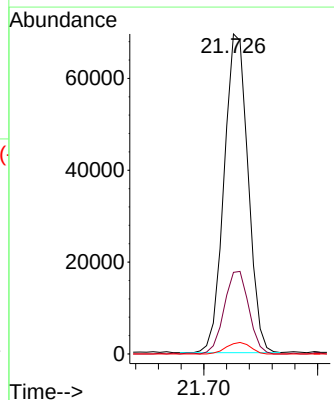
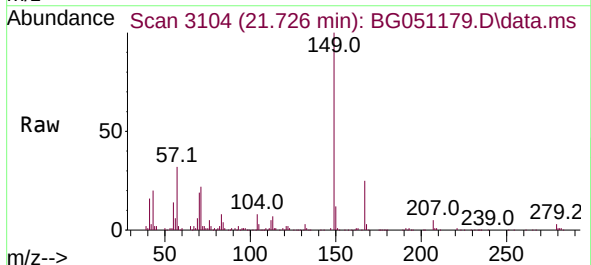


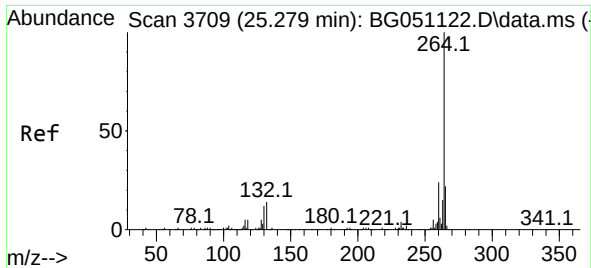
Tgt Ion:244 Resp: 649558
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.9 10.3
 122 9.7 5.0 7.6#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 12.768 ng
 RT: 21.726 min Scan# 3104
 Delta R.T. 0.001 min
 Lab File: BG051179.D
 Acq: 22 Nov 2021 20:58

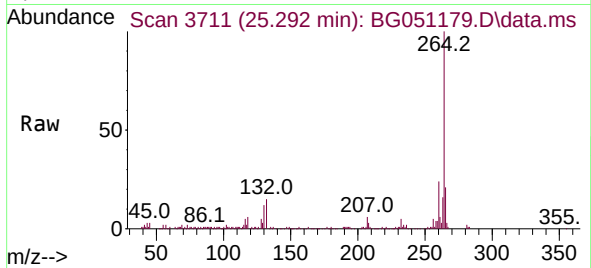
Tgt Ion:149 Resp: 101611
 Ion Ratio Lower Upper
 149 100
 167 25.5 22.3 33.5
 279 3.2 3.8 5.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.292 min Scan# 31
 Delta R.T. 0.013 min
 Lab File: BG051179.D
 Acq: 22 Nov 2021 20:58

Instrument :
 BNA_G
 ClientSampleId :
 RO-357



Tgt Ion:264 Resp: 185422
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.2 16.9 25.3

