

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
 Data File : BG049049.D
 Acq On : 22 Jun 2021 17:14
 Operator : CG/JU
 Sample : M2773-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-10

Quant Time: Jun 22 17:55:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 12:04:50 2021
 Response via : Initial Calibration

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

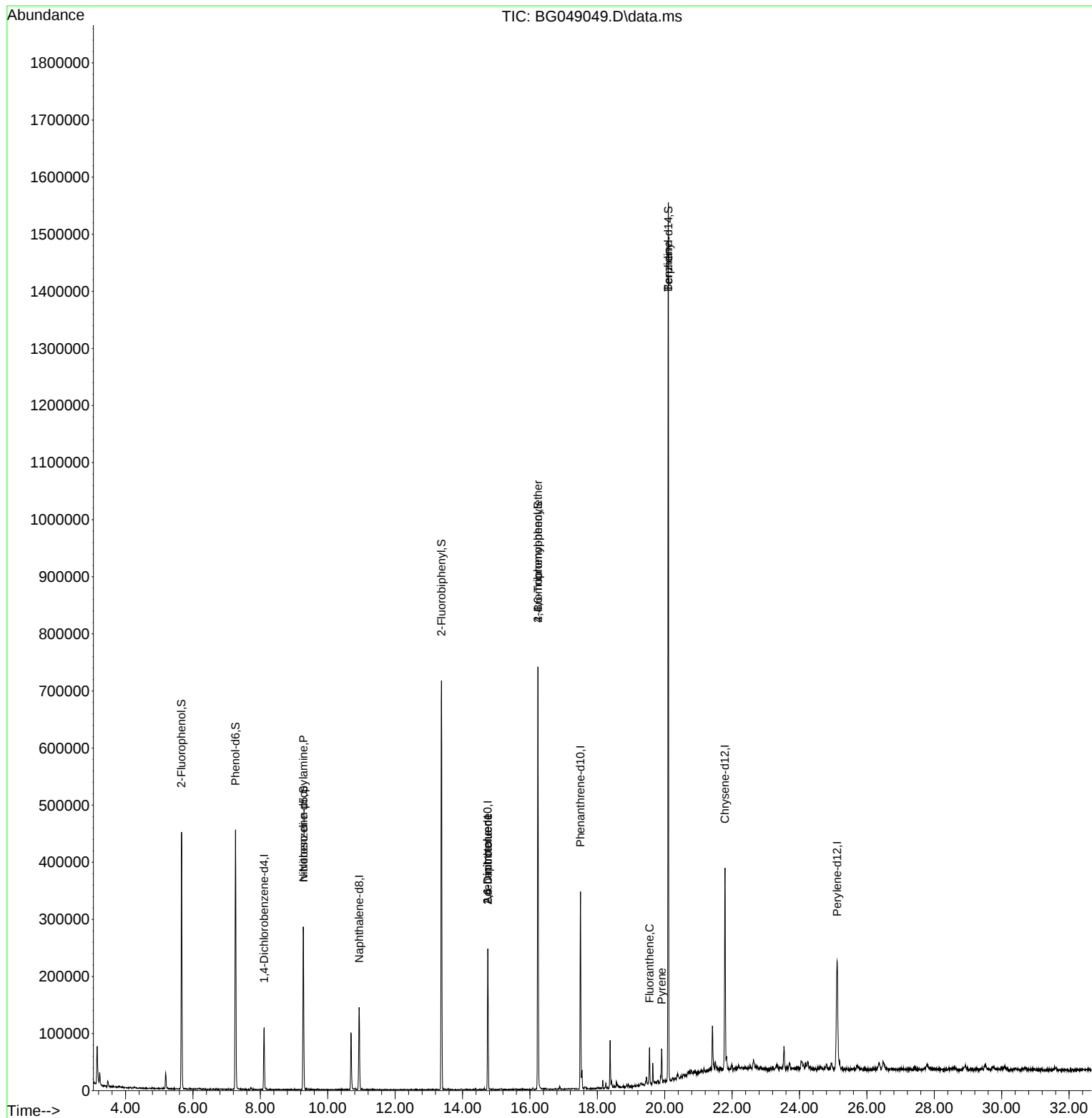
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	28382	20.000	ng	0.00
21) Naphthalene-d8	10.931	136	119761	20.000	ng	# 0.00
39) Acenaphthene-d10	14.750	164	91410	20.000	ng	0.00
64) Phenanthrene-d10	17.500	188	223757	20.000	ng	# 0.00
76) Chrysene-d12	21.789	240	219764	20.000	ng	0.00
86) Perylene-d12	25.114	264	226847	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.661	112	176066	96.568	ng	0.00
7) Phenol-d6	7.265	99	233937	85.607	ng	0.00
23) Nitrobenzene-d5	9.274	82	166965	60.116	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	144831	106.942	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	383405	59.252	ng	0.00
79) Terphenyl-d14	20.109	244	744442	62.038	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.274	70	24837	11.628	ng	# 75
51) 2,6-Dinitrotoluene	14.750	165	11989	8.268	ng	# 10
57) 2,4-Dinitrotoluene	14.750	165	11989	6.731	ng	# 15
67) 4-Bromophenyl-phenylether	16.237	248	9323	3.337	ng	# 1
75) Fluoranthene	19.550	202	38521	2.537	ng	98
77) Benzidine	20.103	184	13443	3.037	ng	# 90
78) Pyrene	19.909	202	39774	2.494	ng	96

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

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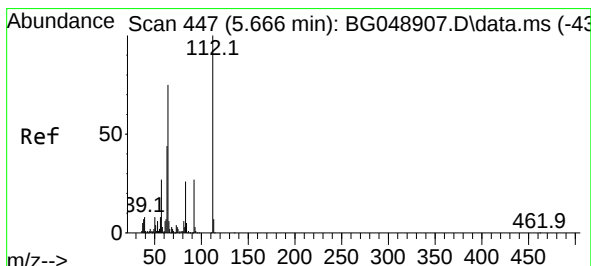
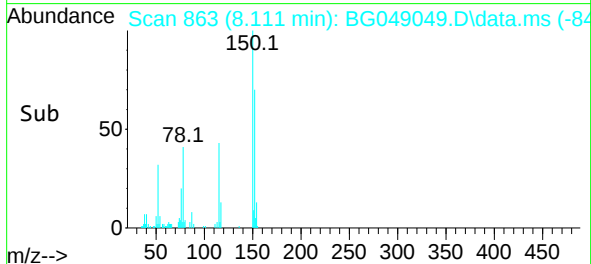
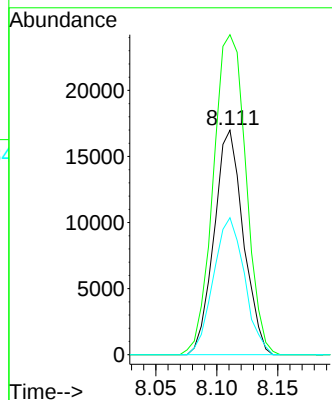
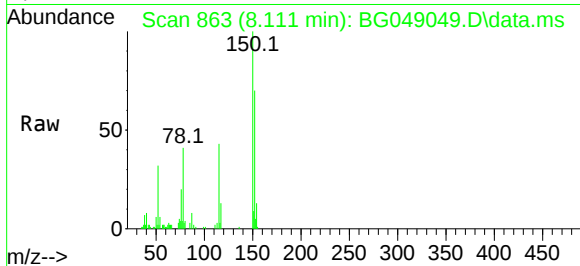




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.111 min Scan# 863
Delta R.T. -0.003 min
Lab File: BG049049.D
Acq: 22 Jun 2021 17:14

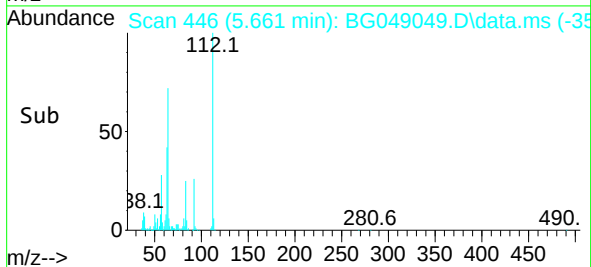
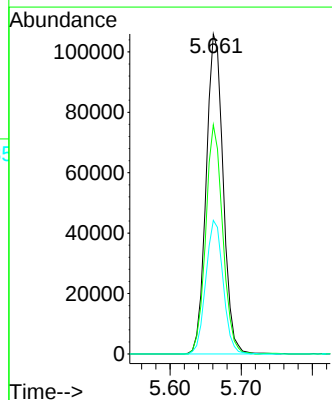
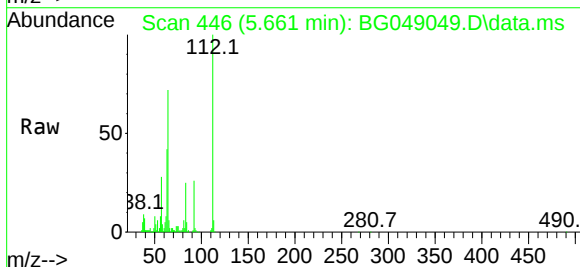
Instrument :
BNA_G
ClientSampleId :
SB-10

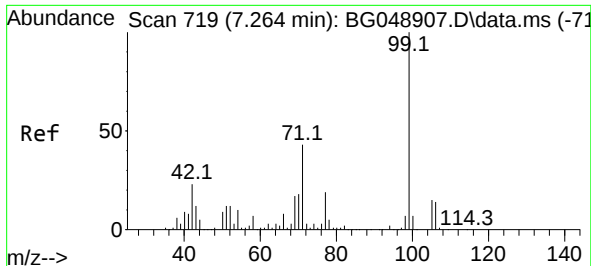
Tgt Ion:152 Resp: 28382
Ion Ratio Lower Upper
152 100
150 142.5 119.4 179.0
115 61.0 60.2 90.4



#5
2-Fluorophenol
Concen: 96.568 ng
RT: 5.661 min Scan# 446
Delta R.T. -0.003 min
Lab File: BG049049.D
Acq: 22 Jun 2021 17:14

Tgt Ion:112 Resp: 176066
Ion Ratio Lower Upper
112 100
64 71.6 46.7 70.1#
63 41.8 35.3 52.9

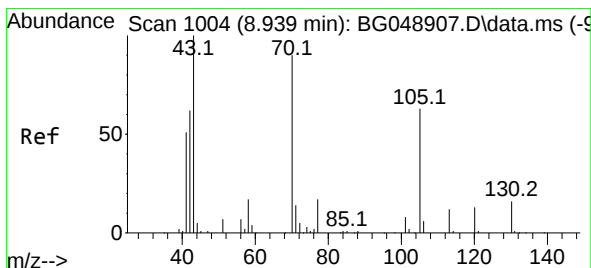
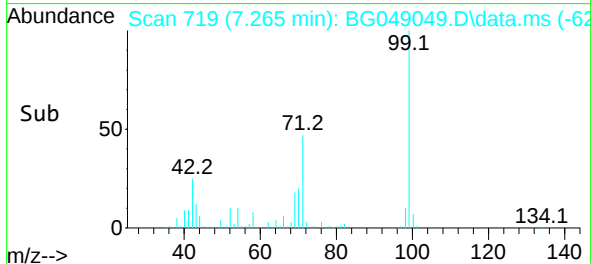
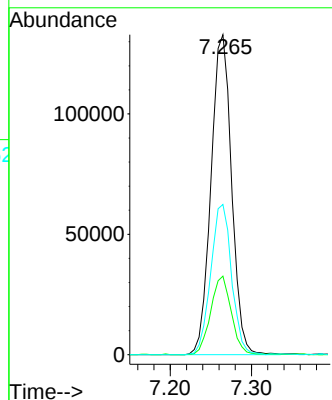
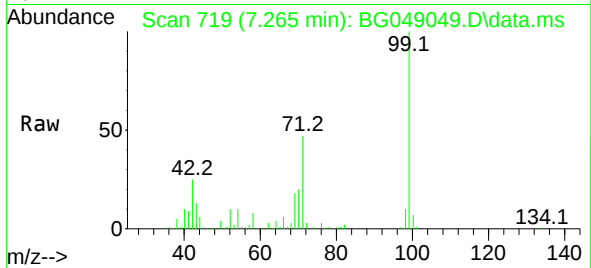




#7
Phenol-d6
Concen: 85.607 ng
RT: 7.265 min Scan# 719
Delta R.T. -0.003 min
Lab File: BG049049.D
Acq: 22 Jun 2021 17:14

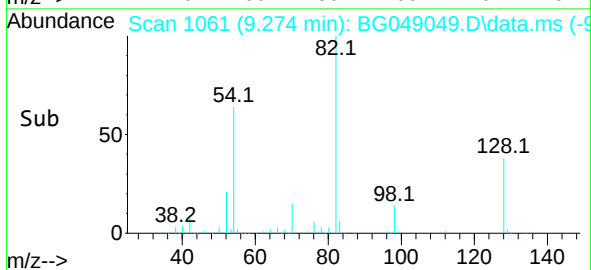
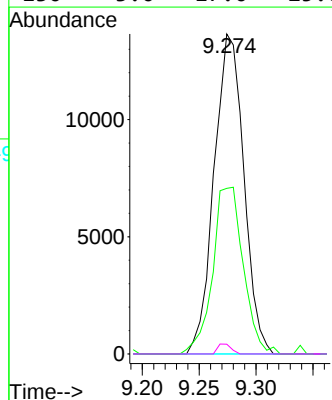
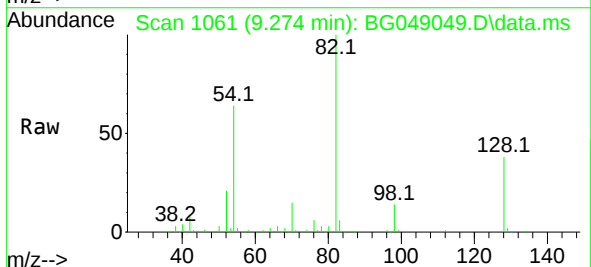
Instrument :
BNA_G
ClientSampleId :
SB-10

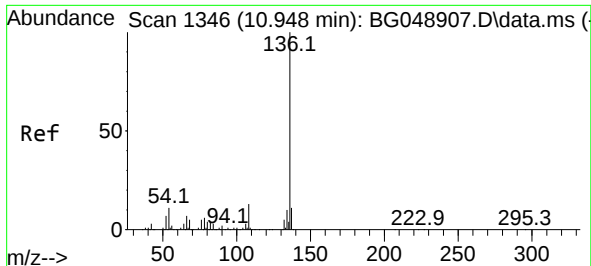
Tgt Ion: 99 Resp: 233937
Ion Ratio Lower Upper
99 100
42 24.5 20.5 30.7
71 46.9 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.628 ng
RT: 9.274 min Scan# 1061
Delta R.T. 0.350 min
Lab File: BG049049.D
Acq: 22 Jun 2021 17:14

Tgt Ion: 70 Resp: 24837
Ion Ratio Lower Upper
70 100
42 51.7 54.5 81.7#
101 0.0 9.0 13.6#
130 3.0 17.0 25.6#

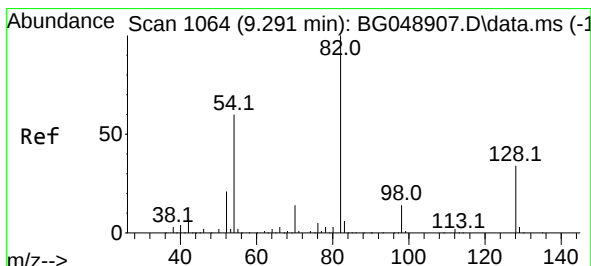
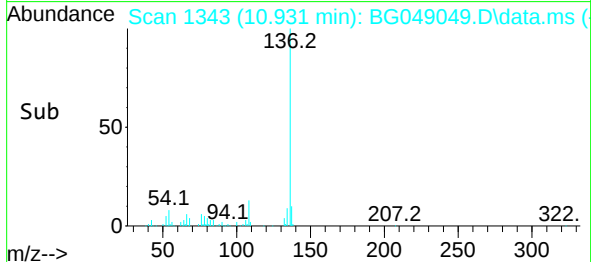
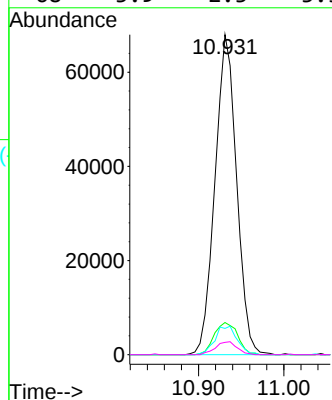
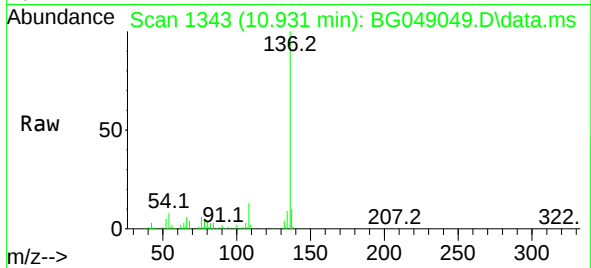




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.931 min Scan# 1343
Delta R.T. -0.009 min
Lab File: BG049049.D
Acq: 22 Jun 2021 17:14

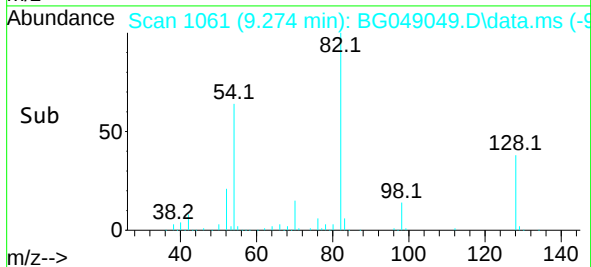
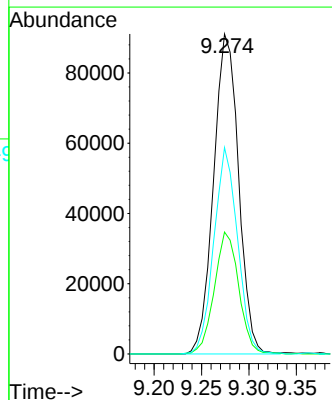
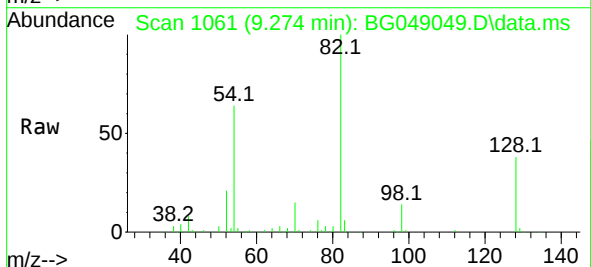
Instrument :
BNA_G
ClientSampleId :
SB-10

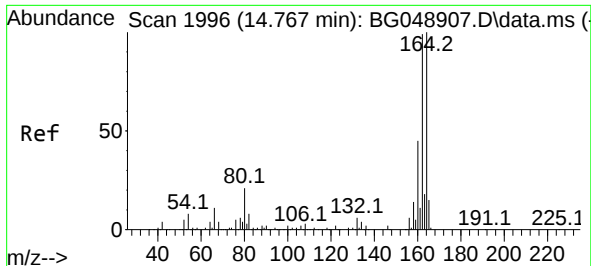
Tgt Ion:	136	Resp:	119761
Ion Ratio	Lower	Upper	
136	100		
137	10.0	8.2	12.2
54	8.2	5.5	8.3
68	3.9	2.3	3.5



#23
Nitrobenzene-d5
Concen: 60.116 ng
RT: 9.274 min Scan# 1061
Delta R.T. -0.009 min
Lab File: BG049049.D
Acq: 22 Jun 2021 17:14

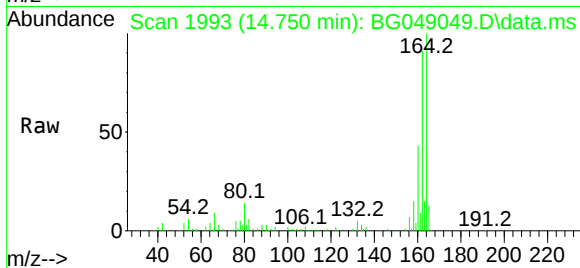
Tgt Ion:	82	Resp:	166965
Ion Ratio	Lower	Upper	
82	100		
128	38.1	29.8	44.6
54	64.5	45.8	68.8



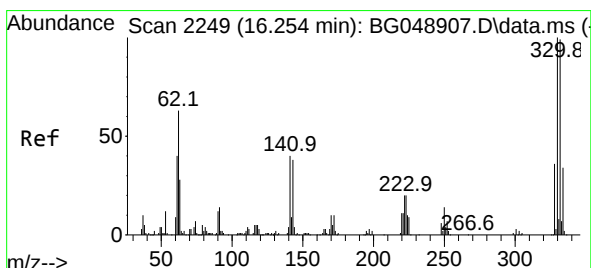
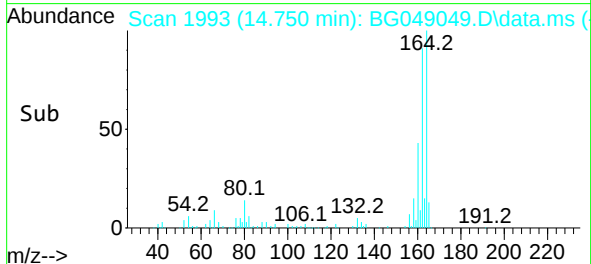
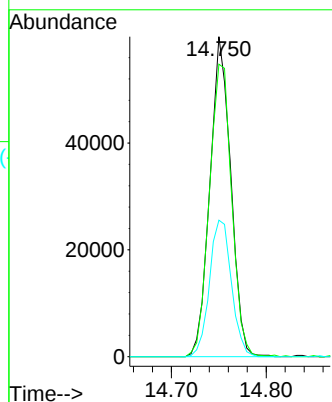


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.750 min Scan# 1993
Delta R.T. -0.009 min
Lab File: BG049049.D
Acq: 22 Jun 2021 17:14

Instrument :
BNA_G
ClientSampleId :
SB-10

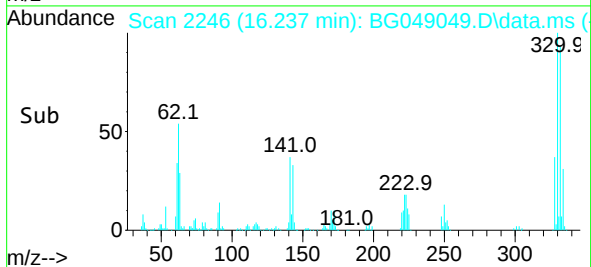
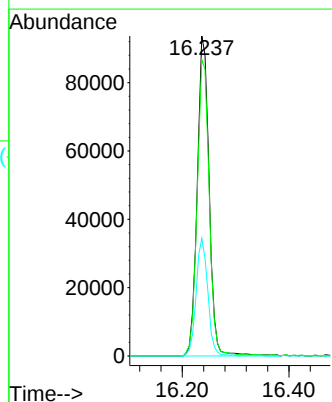
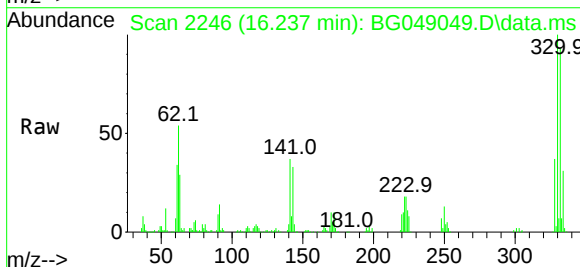


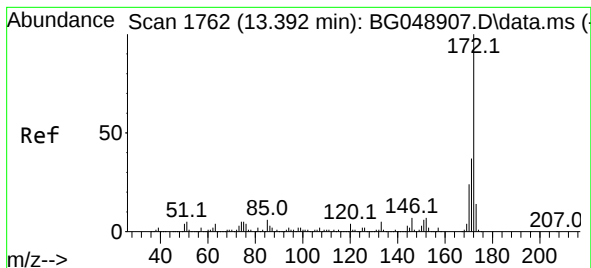
Tgt Ion:164 Resp: 91410
Ion Ratio Lower Upper
164 100
162 91.4 81.4 122.0
160 42.7 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 106.942 ng
RT: 16.237 min Scan# 2246
Delta R.T. -0.009 min
Lab File: BG049049.D
Acq: 22 Jun 2021 17:14

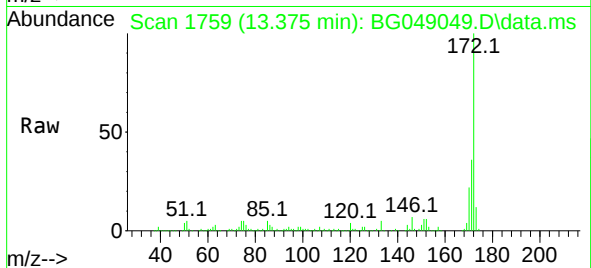
Tgt Ion:330 Resp: 144831
Ion Ratio Lower Upper
330 100
332 93.6 77.3 115.9
141 35.9 35.6 53.4



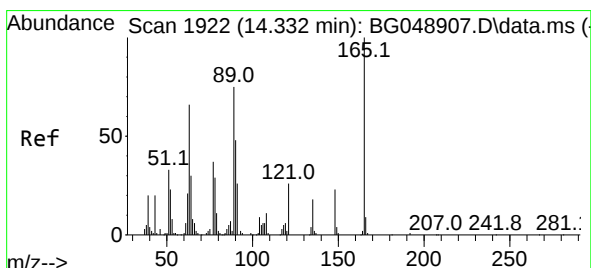
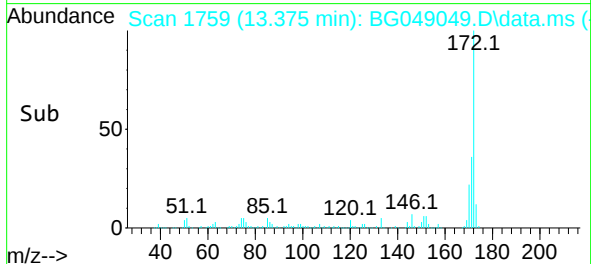
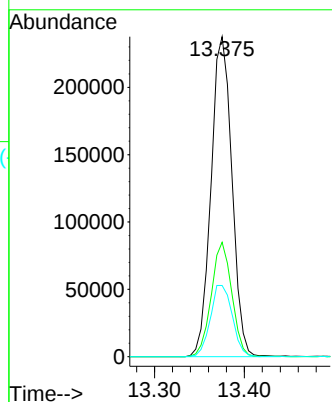


#45
2-Fluorobiphenyl
Concen: 59.252 ng
RT: 13.375 min Scan# 1759
Delta R.T. -0.009 min
Lab File: BG049049.D
Acq: 22 Jun 2021 17:14

Instrument :
BNA_G
ClientSampleId :
SB-10

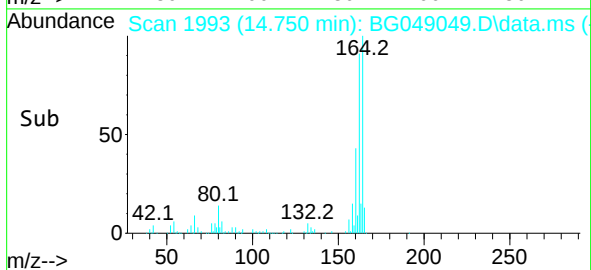
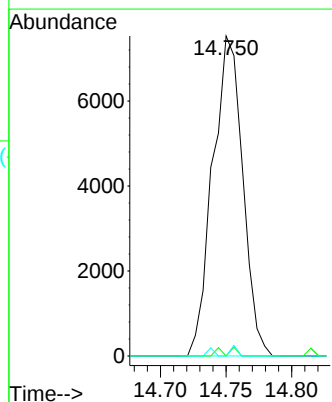
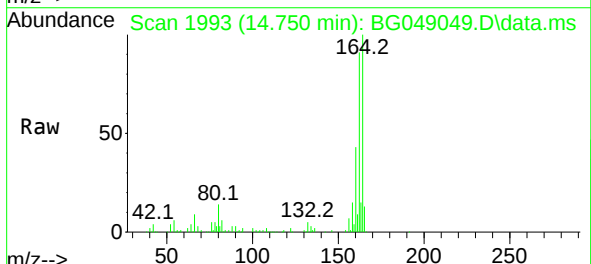


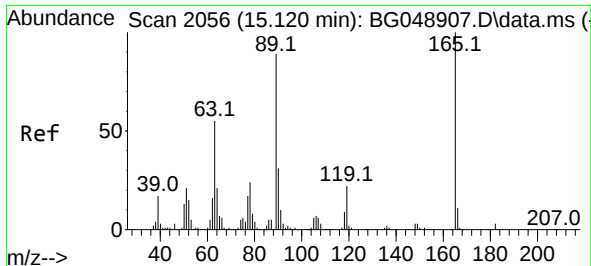
Tgt Ion:172 Resp: 383405
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 22.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.268 ng
RT: 14.750 min Scan# 1993
Delta R.T. 0.426 min
Lab File: BG049049.D
Acq: 22 Jun 2021 17:14

Tgt Ion:165 Resp: 11989
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

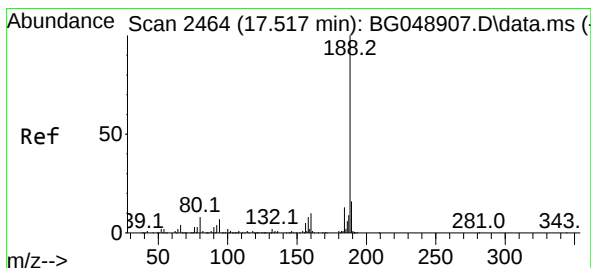
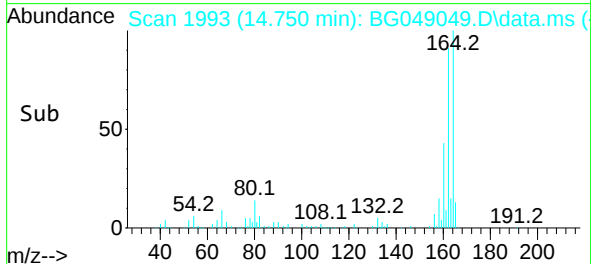
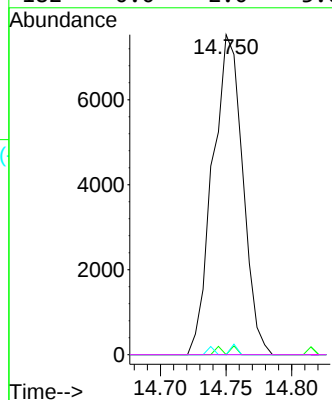
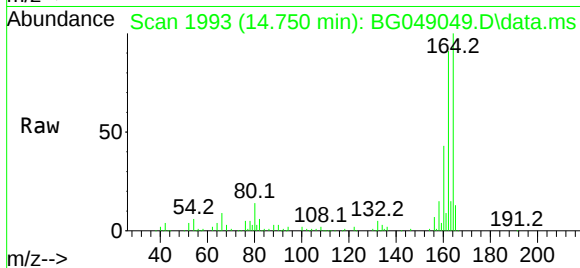




#57
2,4-Dinitrotoluene
Concen: 6.731 ng
RT: 14.750 min Scan# 1993
Delta R.T. -0.361 min
Lab File: BG049049.D
Acq: 22 Jun 2021 17:14

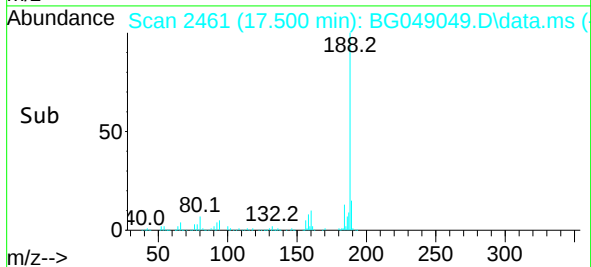
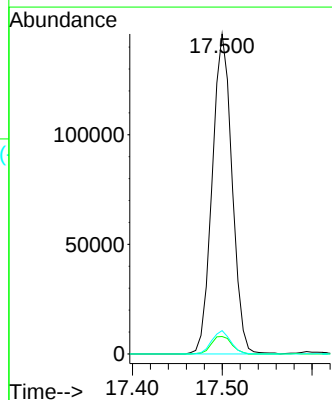
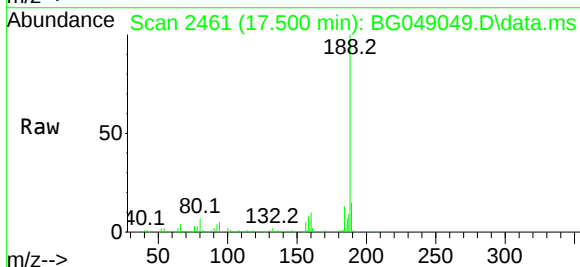
Instrument :
BNA_G
ClientSampled :
SB-10

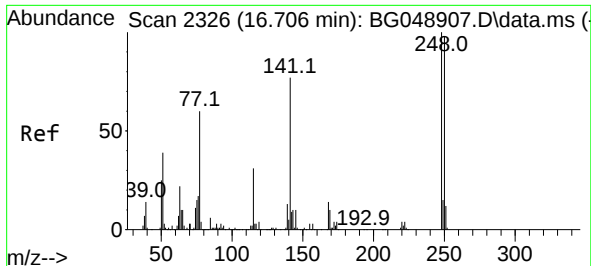
Tgt Ion:165	Resp:	11989
Ion Ratio	Lower	Upper
165	100	
63	0.0	48.0 72.0#
89	0.0	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.500 min Scan# 2461
Delta R.T. -0.009 min
Lab File: BG049049.D
Acq: 22 Jun 2021 17:14

Tgt Ion:188	Resp:	223757
Ion Ratio	Lower	Upper
188	100	
94	5.4	5.4 8.0
80	7.3	3.7 5.5#

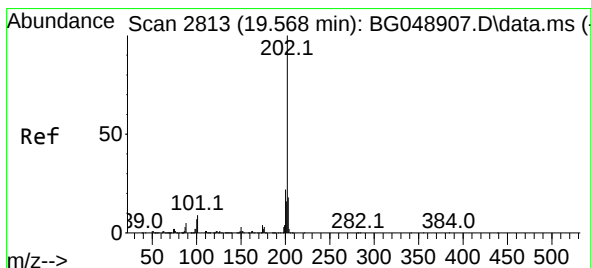
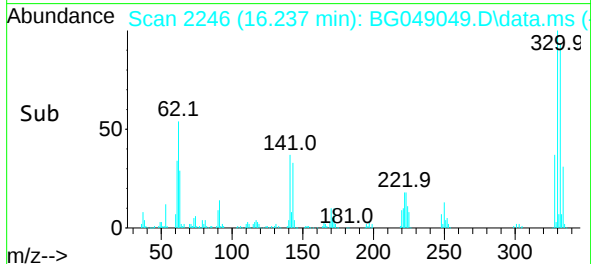
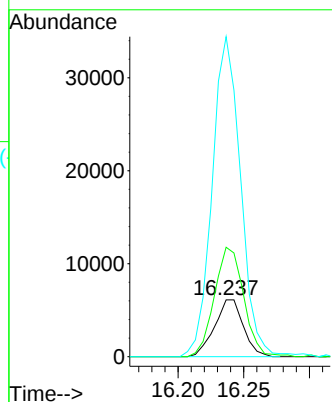
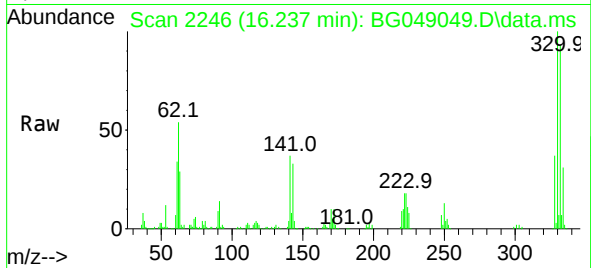




#67
4-Bromophenyl-phenylether
Concen: 3.337 ng
RT: 16.237 min Scan# 2246
Delta R.T. -0.455 min
Lab File: BG049049.D
Acq: 22 Jun 2021 17:14

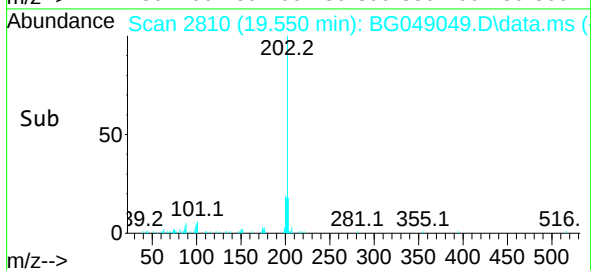
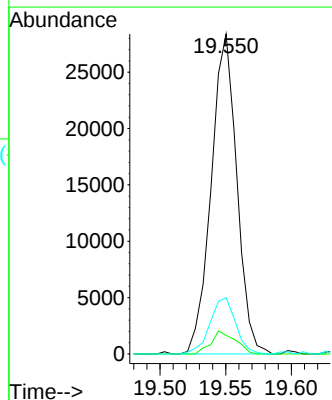
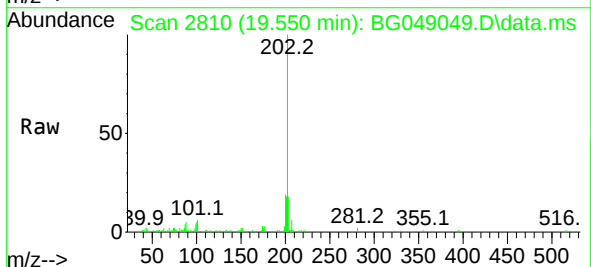
Instrument :
BNA_G
ClientSampleId :
SB-10

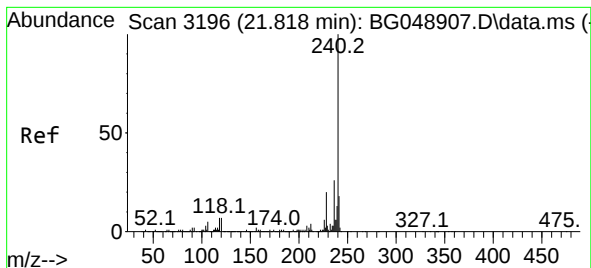
Tgt Ion:248 Resp: 9323
Ion Ratio Lower Upper
248 100
250 192.9 76.1 114.1#
141 563.9 65.4 98.2#



#75
Fluoranthene
Concen: 2.537 ng
RT: 19.550 min Scan# 2810
Delta R.T. -0.003 min
Lab File: BG049049.D
Acq: 22 Jun 2021 17:14

Tgt Ion:202 Resp: 38521
Ion Ratio Lower Upper
202 100
101 5.8 0.0 24.7
203 17.6 0.0 38.5

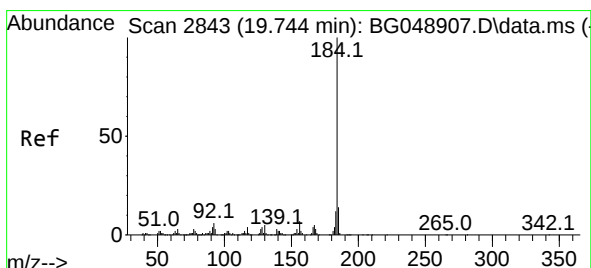
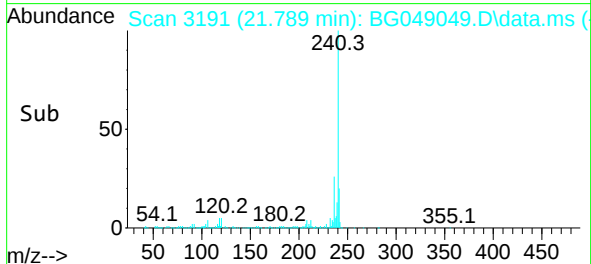
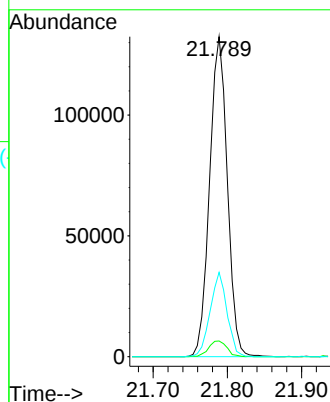
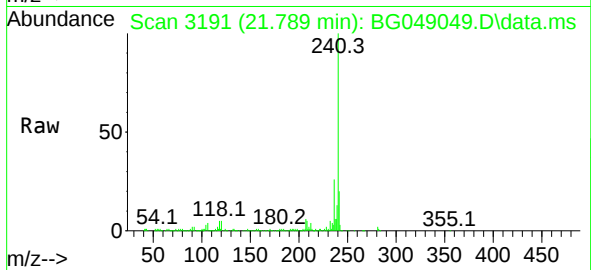




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.789 min Scan# 3191
Delta R.T. -0.009 min
Lab File: BG049049.D
Acq: 22 Jun 2021 17:14

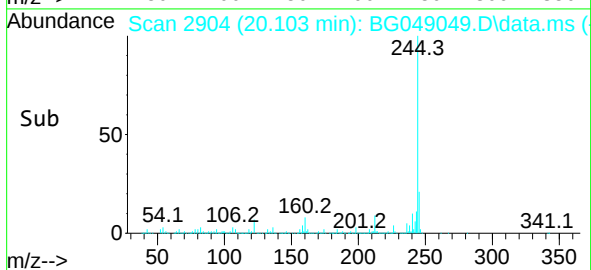
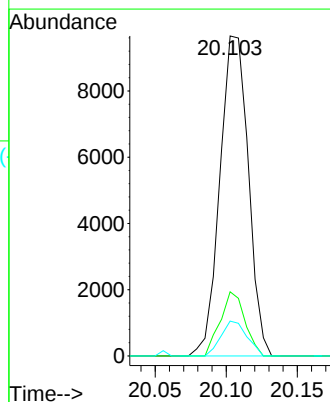
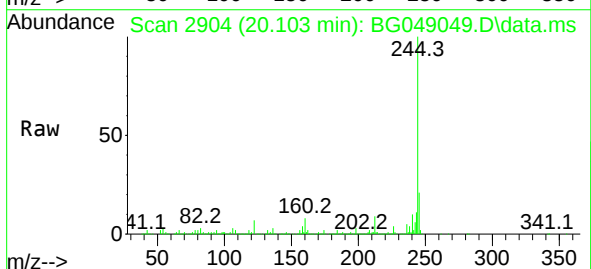
Instrument :
BNA_G
ClientSampleId :
SB-10

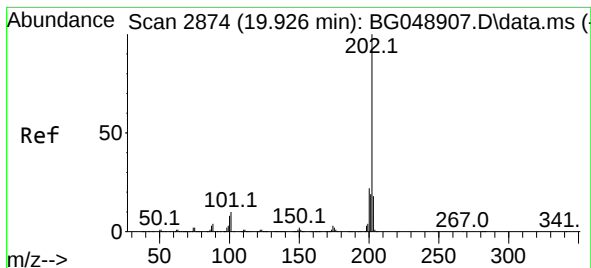
Tgt Ion:240 Resp: 219764
Ion Ratio Lower Upper
240 100
120 4.9 4.2 6.2
236 26.4 21.8 32.6



#77
Benzidine
Concen: 3.037 ng
RT: 20.103 min Scan# 2904
Delta R.T. 0.373 min
Lab File: BG049049.D
Acq: 22 Jun 2021 17:14

Tgt Ion:184 Resp: 13443
Ion Ratio Lower Upper
184 100
185 20.0 10.7 16.1#
183 10.9 9.4 14.0





#78

Pyrene

Concen: 2.494 ng

RT: 19.909 min Scan# 2871

Delta R.T. -0.009 min

Lab File: BG049049.D

Acq: 22 Jun 2021 17:14

Tgt Ion:202 Resp: 39774

Ion Ratio Lower Upper

202 100

200 22.1 15.8 23.8

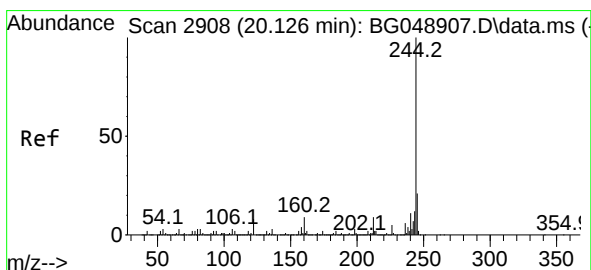
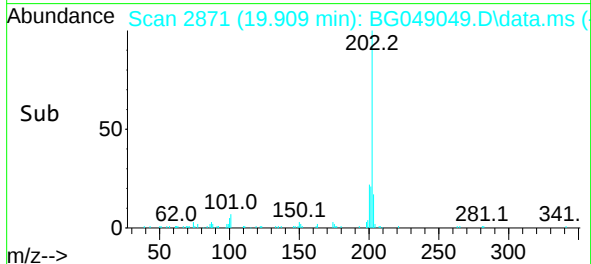
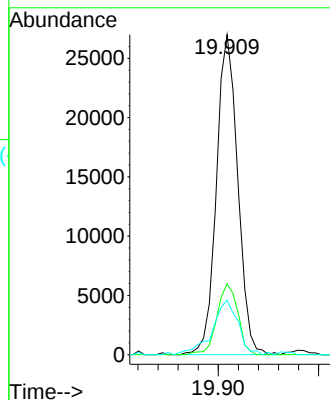
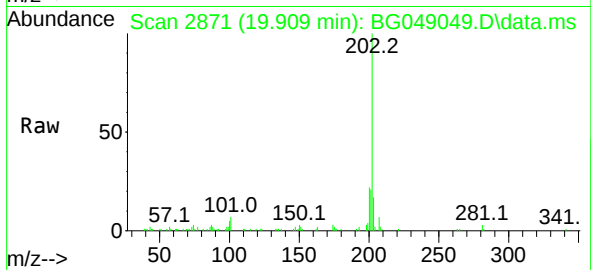
203 17.0 14.6 21.8

Instrument :

BNA_G

ClientSampleId :

SB-10



#79

Terphenyl-d14

Concen: 62.038 ng

RT: 20.109 min Scan# 2905

Delta R.T. -0.003 min

Lab File: BG049049.D

Acq: 22 Jun 2021 17:14

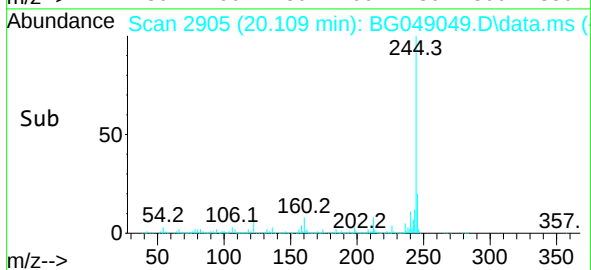
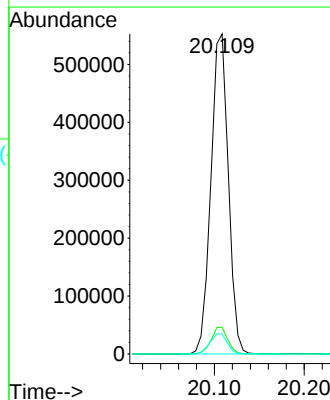
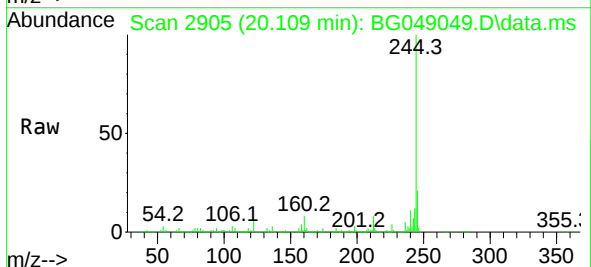
Tgt Ion:244 Resp: 744442

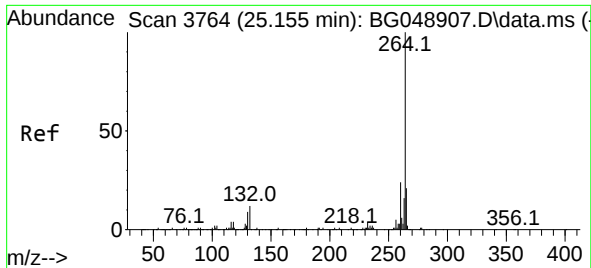
Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

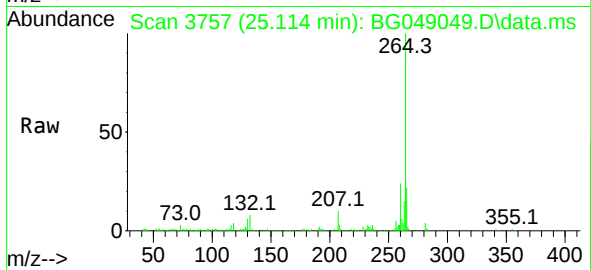
122 6.2 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.114 min Scan# 3757
 Delta R.T. -0.014 min
 Lab File: BG049049.D
 Acq: 22 Jun 2021 17:14

Instrument :
 BNA_G
 ClientSampleId :
 SB-10



Tgt Ion:264	Resp:	226847
Ion Ratio	Lower	Upper
264	100	
260	24.2	19.4 29.2
265	21.9	16.9 25.3

