

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062922\
 Data File : BG054164.D
 Acq On : 30 Jun 2022 3:29
 Operator : CG/JU
 Sample : N3527-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 600532979-B

Quant Time: Jun 30 05:34:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

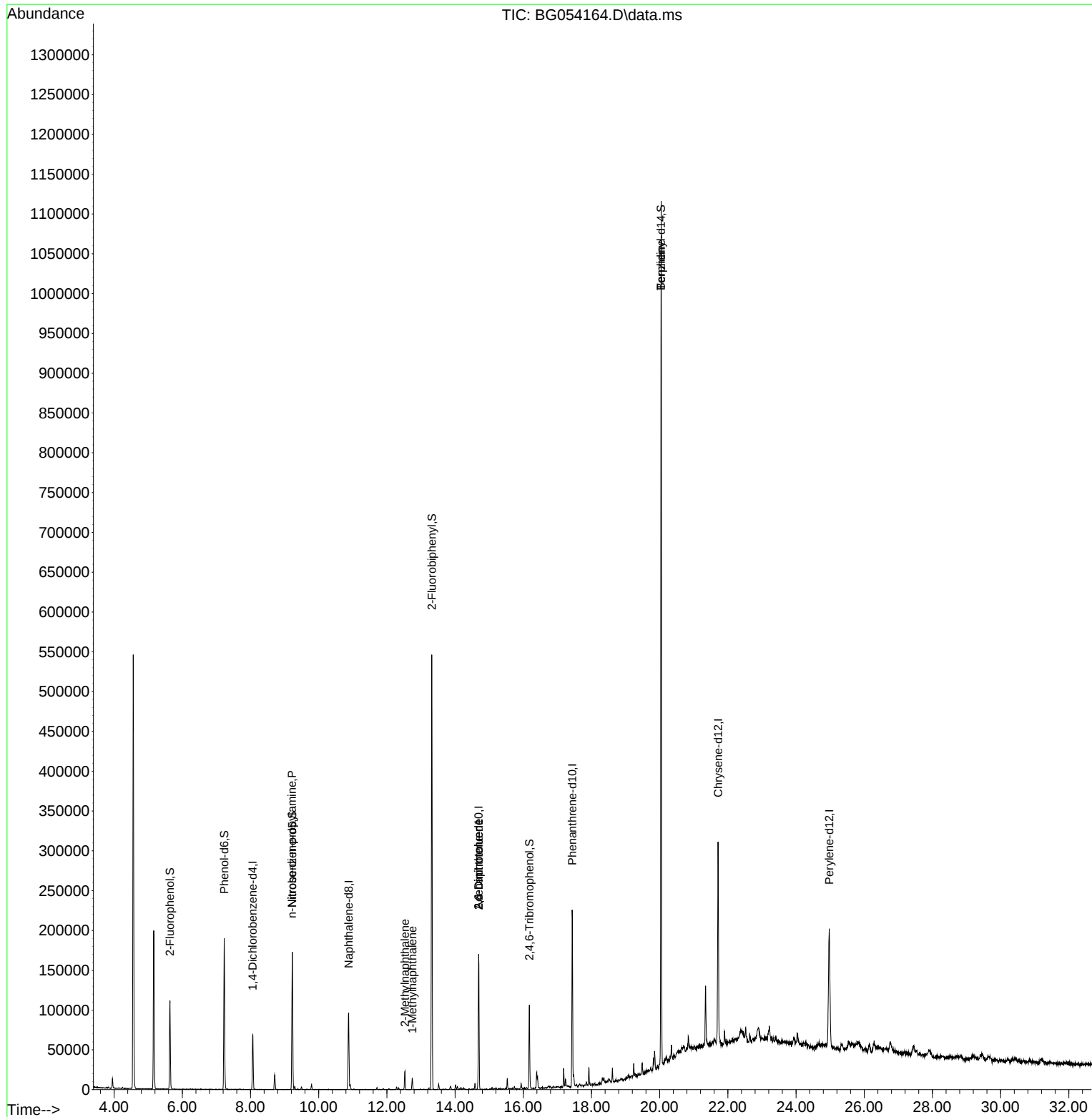
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.065	152	22483	20.000	ng	0.00
21) Naphthalene-d8	10.879	136	89633	20.000	ng	# 0.00
39) Acenaphthene-d10	14.693	164	65927	20.000	ng	0.00
64) Phenanthrene-d10	17.436	188	156966	20.000	ng	# 0.00
76) Chrysene-d12	21.714	240	172111	20.000	ng	0.00
86) Perylene-d12	24.975	264	179447	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	52761	44.867	ng	0.00
7) Phenol-d6	7.231	99	113708	71.279	ng	0.00
23) Nitrobenzene-d5	9.228	82	110187	69.083	ng	0.00
42) 2,4,6-Tribromophenol	16.179	330	26748	25.252	ng	0.00
45) 2-Fluorobiphenyl	13.318	172	320108	70.605	ng	0.00
79) Terphenyl-d14	20.045	244	609684	71.347	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.222	70	14512	13.541	ng	# 83
37) 2-Methylnaphthalene	12.530	142	11992	3.582	ng	96
38) 1-Methylnaphthalene	12.748	142	8121	2.491	ng	98
51) 2,6-Dinitrotoluene	14.693	165	9411	9.277	ng	# 16
57) 2,4-Dinitrotoluene	14.693	165	9411	6.569	ng	# 21
77) Benzydine	20.045	184	8399	2.356	ng	# 95

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

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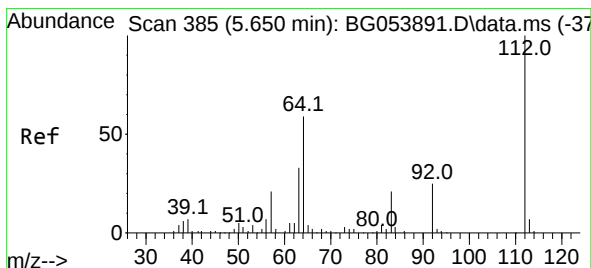
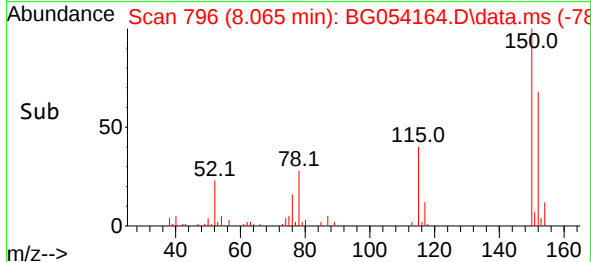
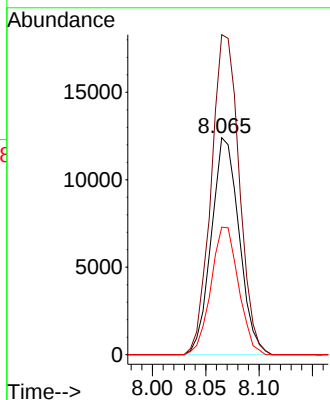
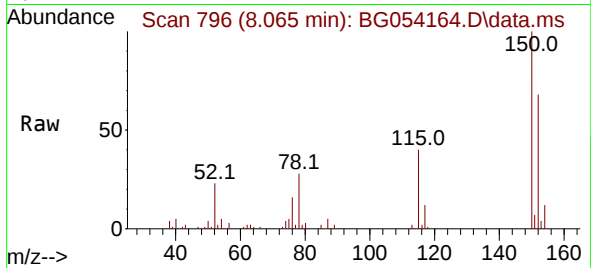




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.065 min Scan# 796
Delta R.T. -0.005 min
Lab File: BG054164.D
Acq: 30 Jun 2022 3:29

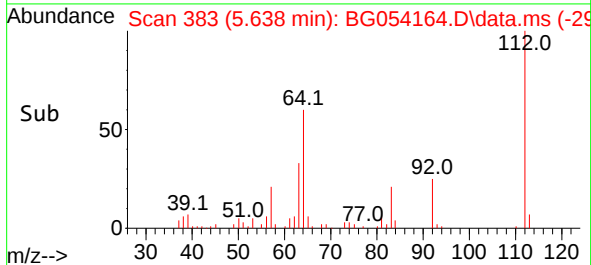
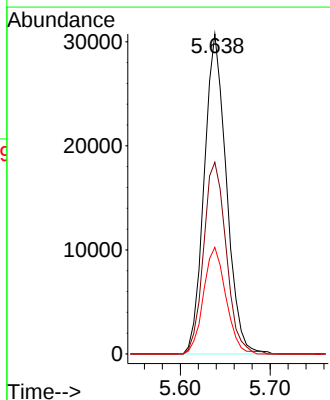
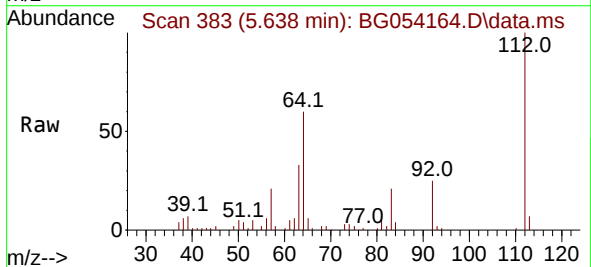
Instrument :
BNA_G
ClientSampleId :
600532979-B

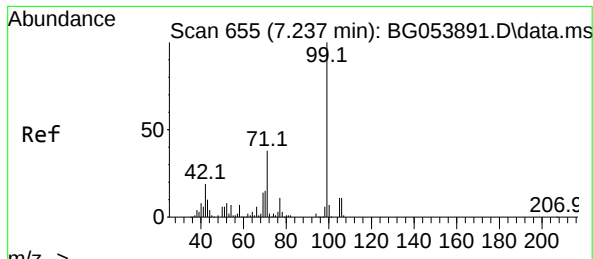
Tgt Ion:152 Resp: 22483
Ion Ratio Lower Upper
152 100
150 147.5 131.6 197.4
115 58.7 50.9 76.3



#5
2-Fluorophenol
Concen: 44.867 ng
RT: 5.638 min Scan# 383
Delta R.T. 0.001 min
Lab File: BG054164.D
Acq: 30 Jun 2022 3:29

Tgt Ion:112 Resp: 52761
Ion Ratio Lower Upper
112 100
64 59.9 55.1 82.7
63 33.3 30.4 45.6





#7
Phenol-d6
Concen: 71.279 ng
RT: 7.231 min Scan# 654
Delta R.T. 0.001 min
Lab File: BG054164.D
Acq: 30 Jun 2022 3:29

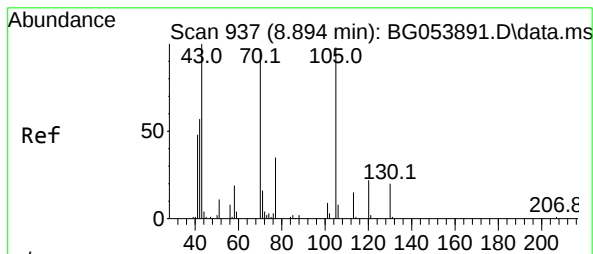
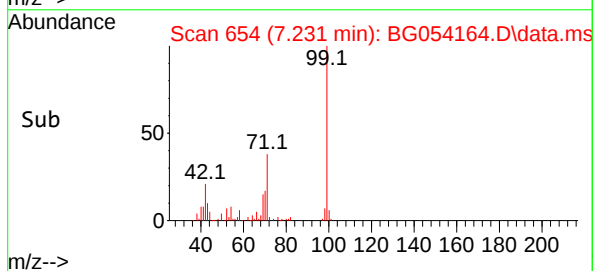
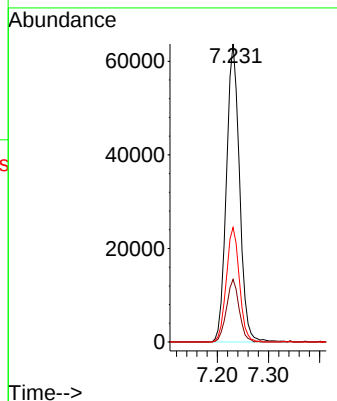
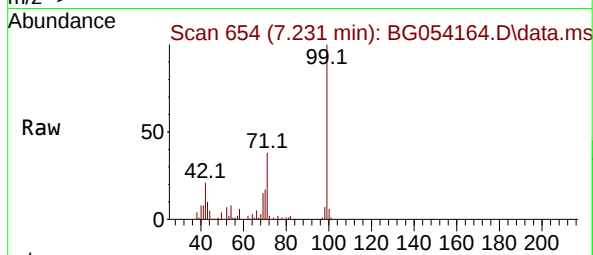
Tgt Ion:	99	Resp:	11370
Ion Ratio	Lower	Upper	
99	100		
42	21.0	17.0	25.6
71	38.4	33.8	50.8

Instrument :

BNA_G

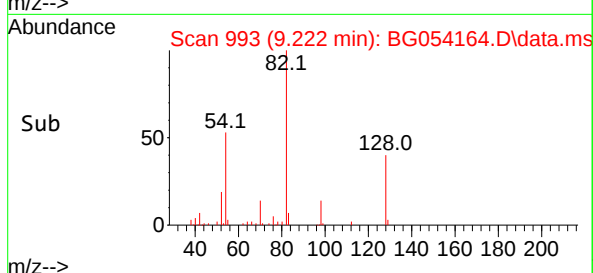
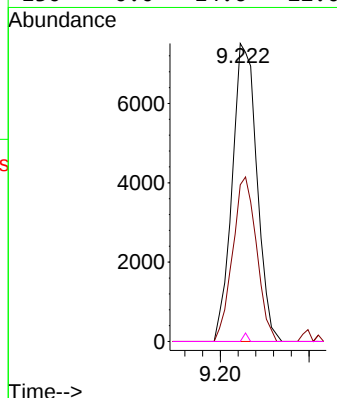
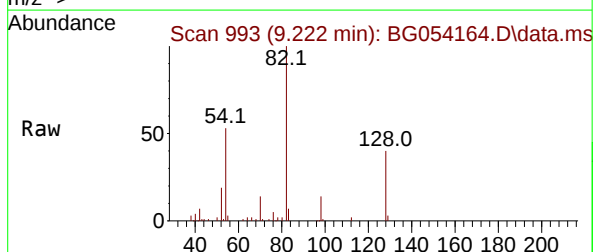
Client Sample Id :

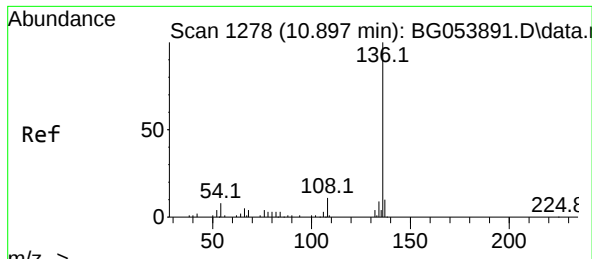
600532979-B



#19
n-Nitroso-di-n-propylamine
Concen: 13.541 ng
RT: 9.222 min Scan# 993
Delta R.T. 0.347 min
Lab File: BG054164.D
Acq: 30 Jun 2022 3:29

Tgt Ion:	70	Resp:	14512
Ion Ratio	Lower	Upper	
70	100		
42	52.6	47.3	70.9
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#

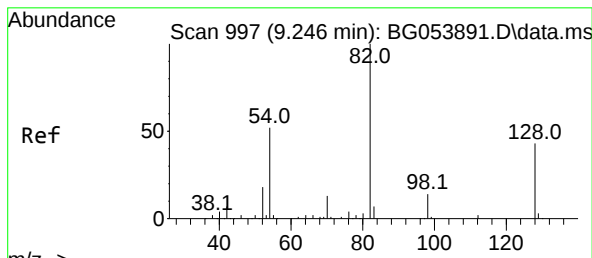
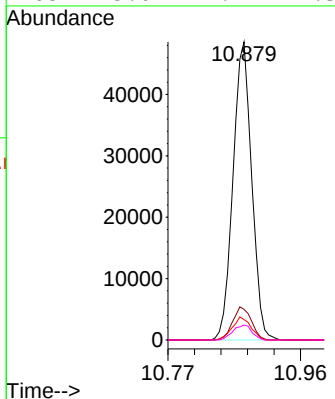
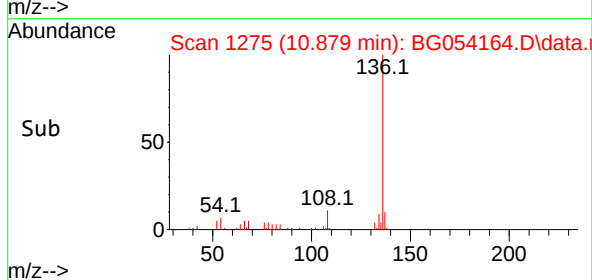
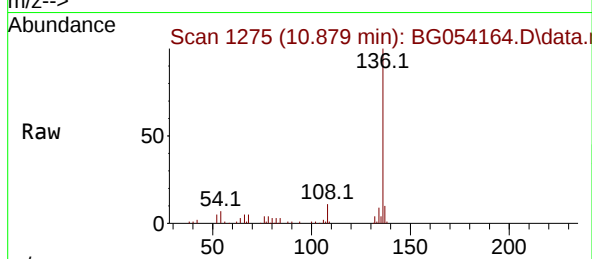




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.879 min Scan# 1275
Delta R.T. 0.001 min
Lab File: BG054164.D
Acq: 30 Jun 2022 3:29

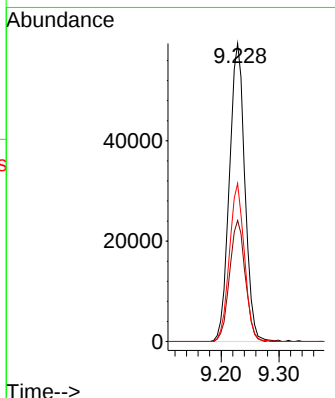
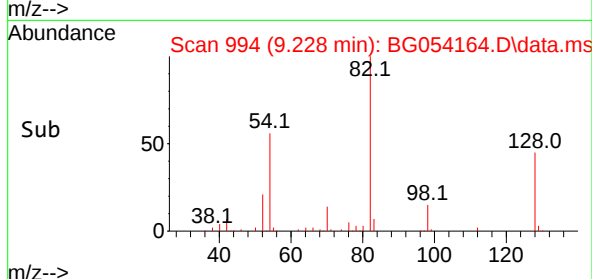
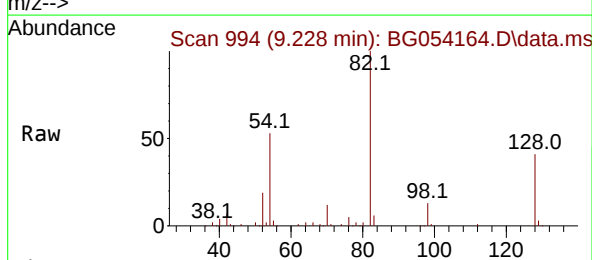
Tgt Ion:	136	Resp:	8963
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.5	12.7
54	6.9	7.4	11.2#
68	5.0	4.9	7.3

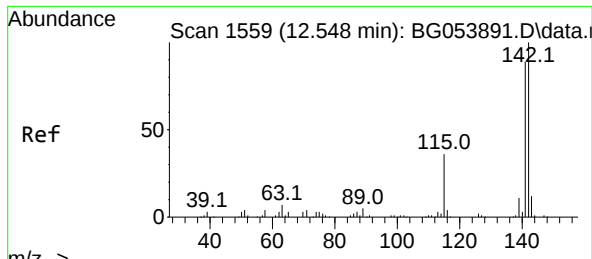
Instrument :
BNA_G
ClientSampleId :
600532979-B



#23
Nitrobenzene-d5
Concen: 69.083 ng
RT: 9.228 min Scan# 994
Delta R.T. -0.005 min
Lab File: BG054164.D
Acq: 30 Jun 2022 3:29

Tgt Ion:	82	Resp:	110187
Ion Ratio	Lower	Upper	
82	100		
128	40.6	27.9	41.9
54	53.0	41.2	61.8

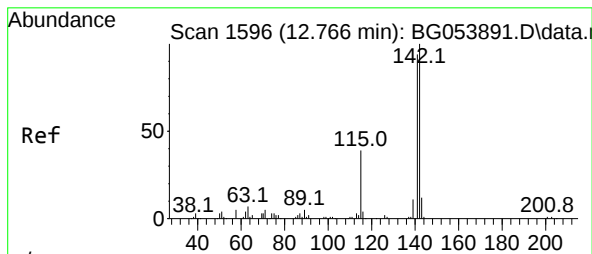
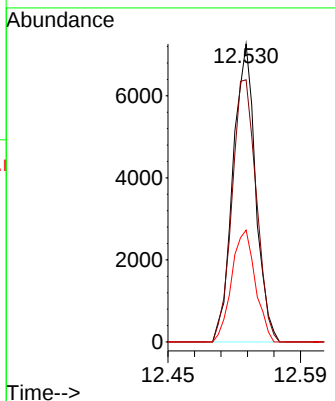
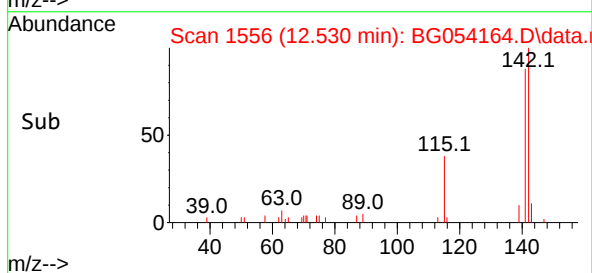
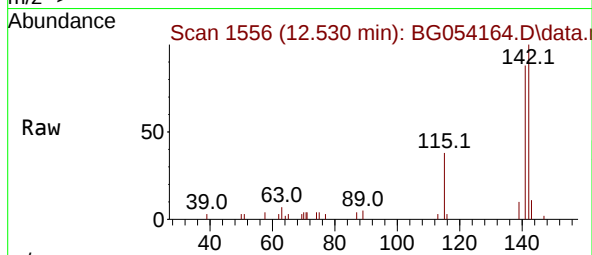




#37
2-Methylnaphthalene
Concen: 3.582 ng
RT: 12.530 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BG054164.D
Acq: 30 Jun 2022 3:29

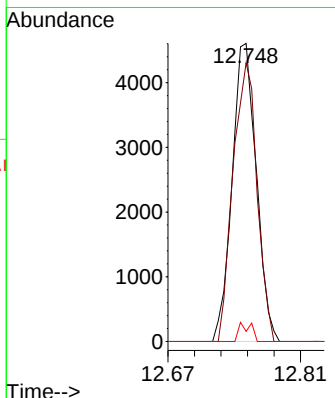
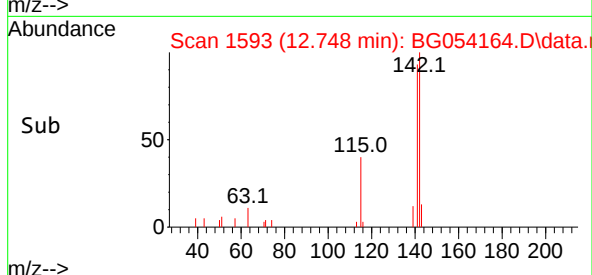
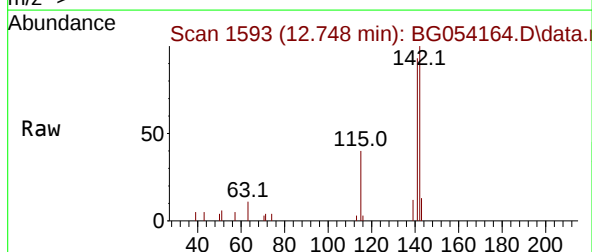
Tgt Ion:142	Resp:	1199
Ion Ratio	Lower	Upper
142	100	
141	88.0	72.3 108.5
115	37.5	33.7 50.5

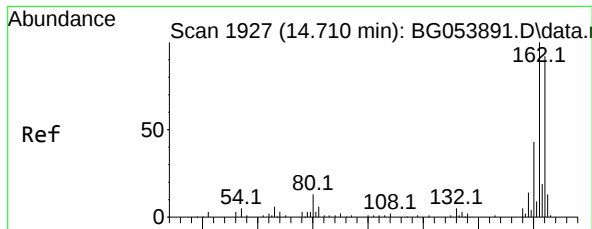
Instrument :
BNA_G
ClientSampleId :
600532979-B



#38
1-Methylnaphthalene
Concen: 2.491 ng
RT: 12.748 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BG054164.D
Acq: 30 Jun 2022 3:29

Tgt Ion:142	Resp:	8121
Ion Ratio	Lower	Upper
142	100	
141	93.5	76.4 114.6
116	3.4	3.3 4.9

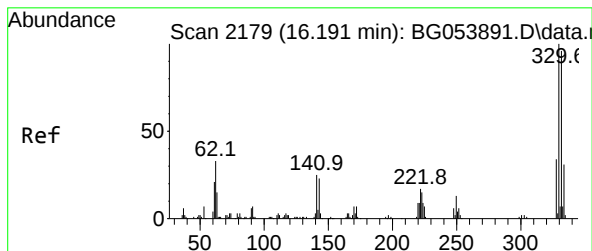
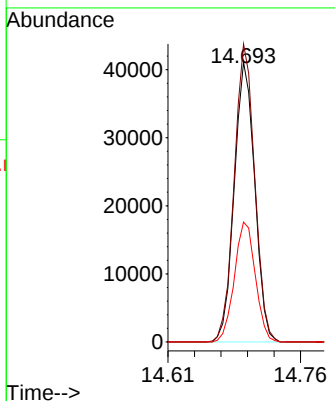
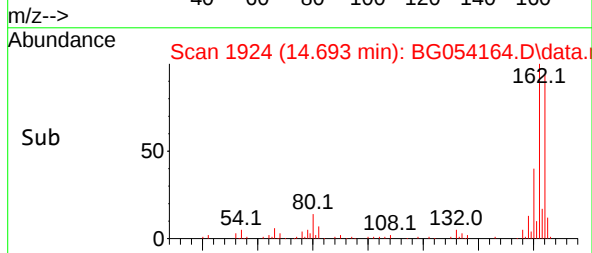
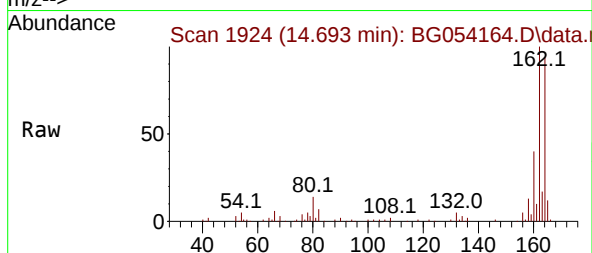




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.693 min Scan# 1924
Delta R.T. -0.005 min
Lab File: BG054164.D
Acq: 30 Jun 2022 3:29

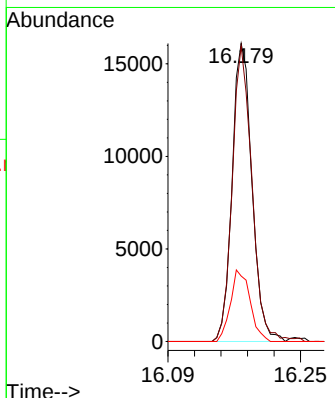
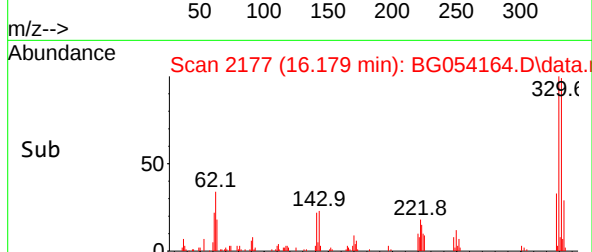
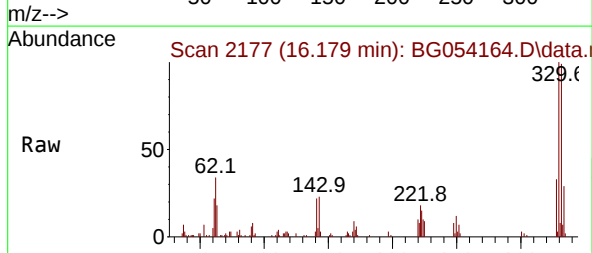
Tgt Ion:	164	Resp:	6592
Ion Ratio	Lower	Upper	
164	100		
162	106.5	82.3	123.5
160	42.8	34.2	51.2

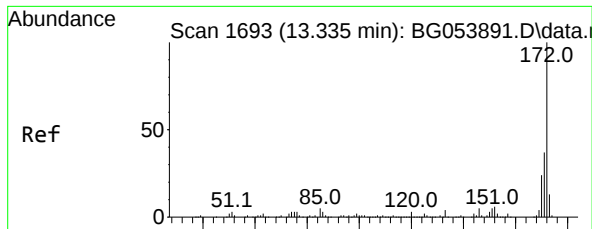
Instrument :
BNA_G
Client Sampled :
600532979-B



#42
2,4,6-Tribromophenol
Concen: 25.252 ng
RT: 16.179 min Scan# 2177
Delta R.T. -0.005 min
Lab File: BG054164.D
Acq: 30 Jun 2022 3:29

Tgt Ion:	330	Resp:	26748
Ion Ratio	Lower	Upper	
330	100		
332	98.5	76.0	114.0
141	23.8	27.1	40.7#





#45
2-Fluorobiphenyl
Concen: 70.605 ng
RT: 13.318 min Scan# 1690
Delta R.T. -0.005 min
Lab File: BG054164.D
Acq: 30 Jun 2022 3:29

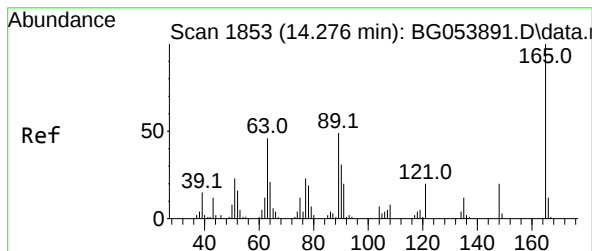
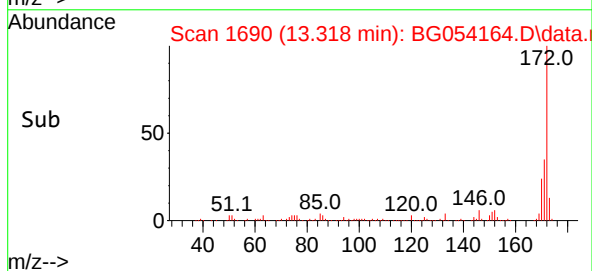
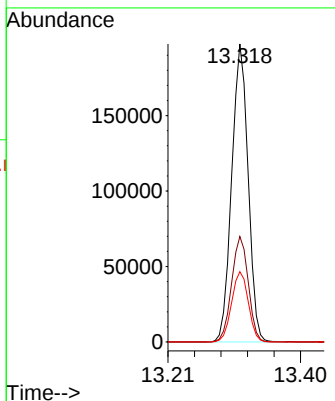
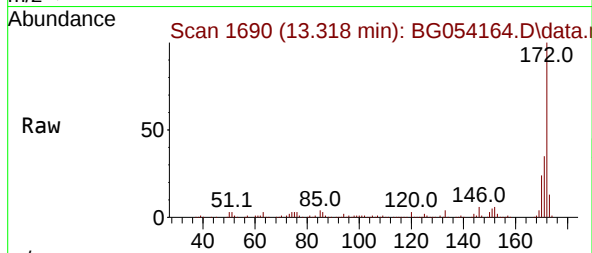
Tgt Ion:	172	Resp:	32010
Ion Ratio	Lower	Upper	
172	100		
171	35.4	28.5	42.7
170	23.6	18.9	28.3

Instrument :

BNA_G

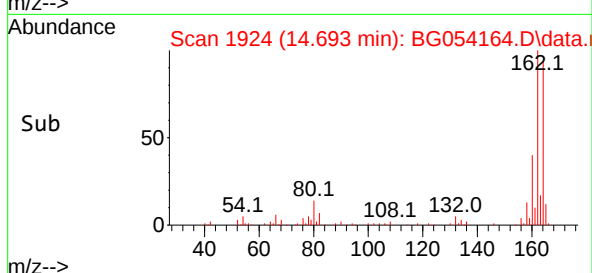
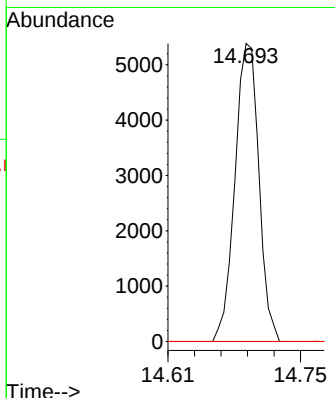
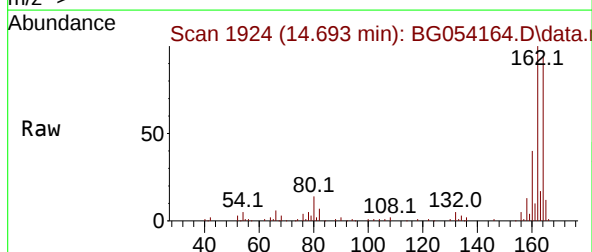
Client Sampled :

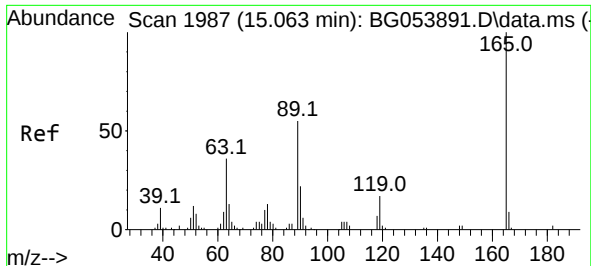
600532979-B



#51
2,6-Dinitrotoluene
Concen: 9.277 ng
RT: 14.693 min Scan# 1924
Delta R.T. 0.429 min
Lab File: BG054164.D
Acq: 30 Jun 2022 3:29

Tgt Ion:	165	Resp:	9411
Ion Ratio	Lower	Upper	
165	100		
63	0.0	54.1	81.1#
89	0.0	54.8	82.2#





#57

2,4-Dinitrotoluene

Concen: 6.569 ng

RT: 14.693 min Scan# 1987

Delta R.T. -0.358 min

Lab File: BG054164.D

Acq: 30 Jun 2022 3:29

Instrument :

BNA_G

ClientSampleId :

600532979-B

Tgt Ion:165 Resp: 9411

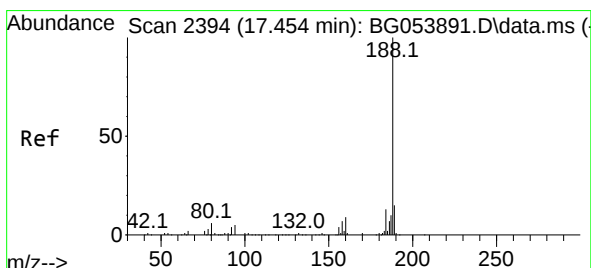
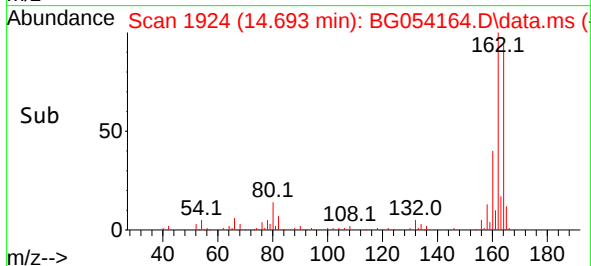
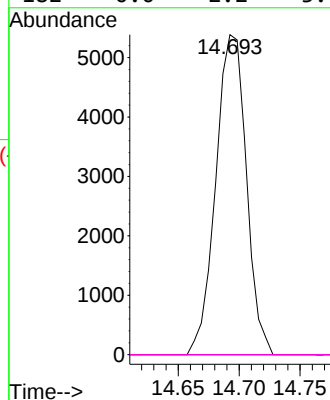
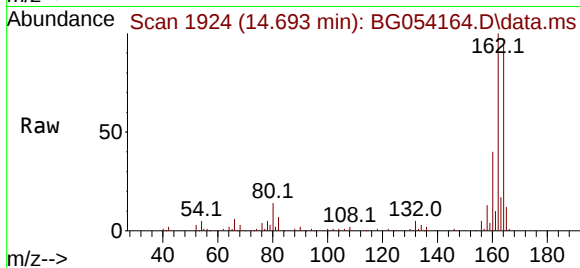
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.436 min Scan# 2391

Delta R.T. -0.005 min

Lab File: BG054164.D

Acq: 30 Jun 2022 3:29

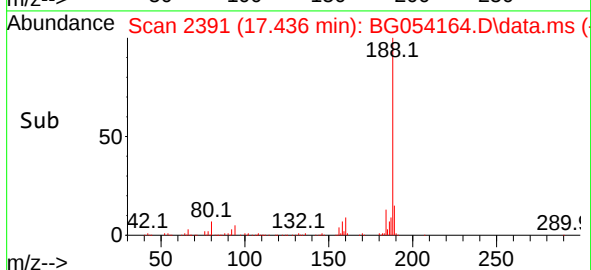
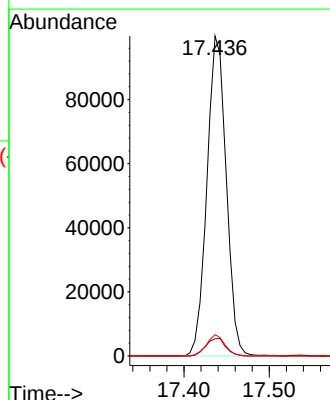
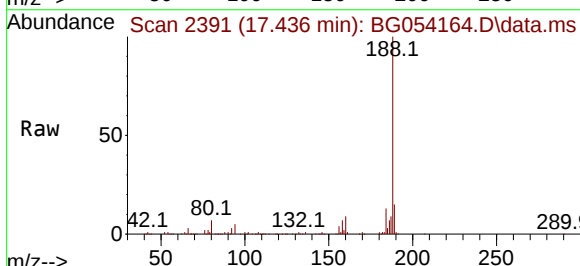
Tgt Ion:188 Resp: 156966

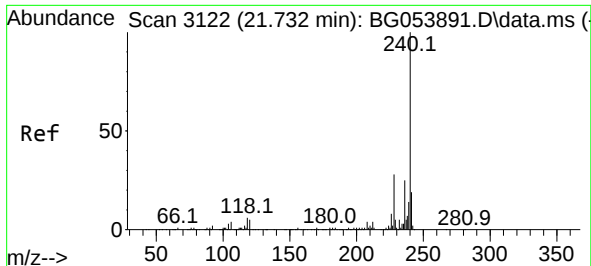
Ion Ratio Lower Upper

188 100

94 5.4 5.4 8.0

80 6.7 6.8 10.2#

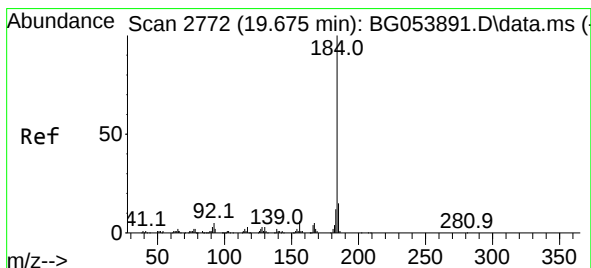
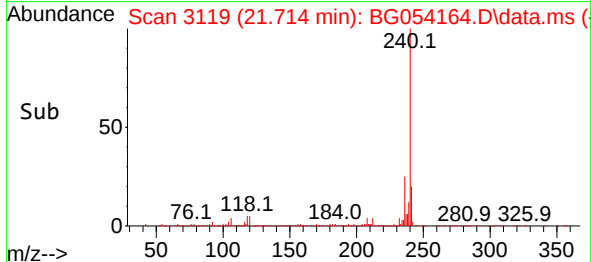
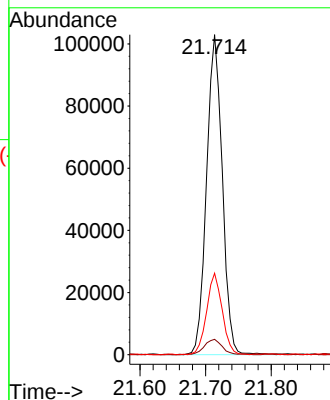
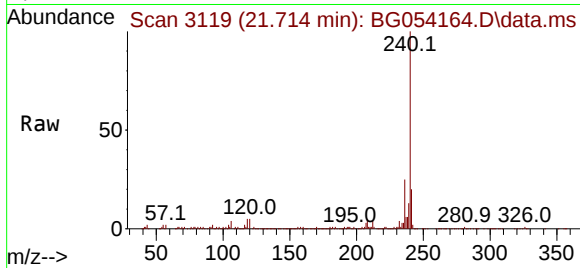




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.714 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG054164.D
Acq: 30 Jun 2022 3:29

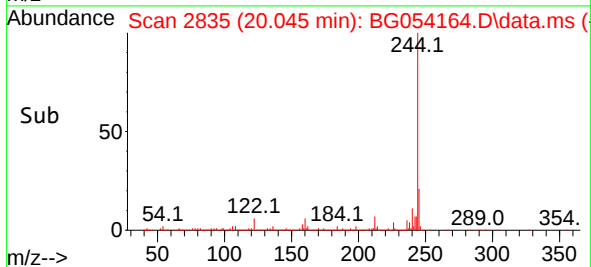
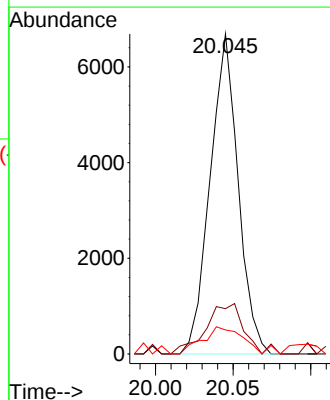
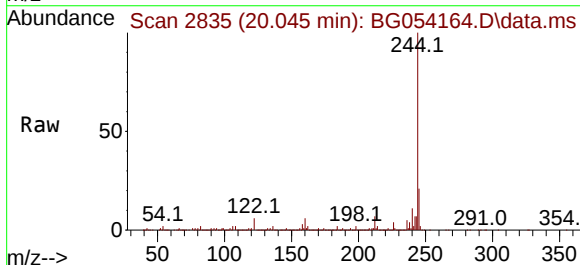
Instrument :
BNA_G
ClientSampleId :
600532979-B

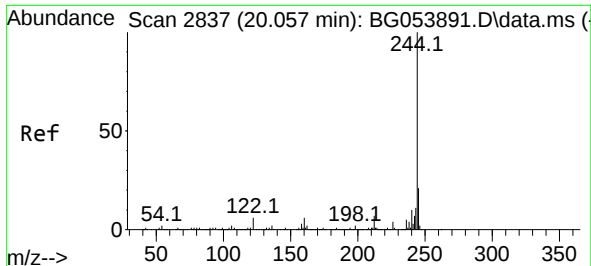
Tgt Ion:240 Resp: 172111
Ion Ratio Lower Upper
240 100
120 4.8 4.6 7.0
236 25.4 20.2 30.4



#77
Benzidine
Concen: 2.356 ng
RT: 20.045 min Scan# 2835
Delta R.T. 0.382 min
Lab File: BG054164.D
Acq: 30 Jun 2022 3:29

Tgt Ion:184 Resp: 8399
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.6
183 7.5 8.9 13.3#

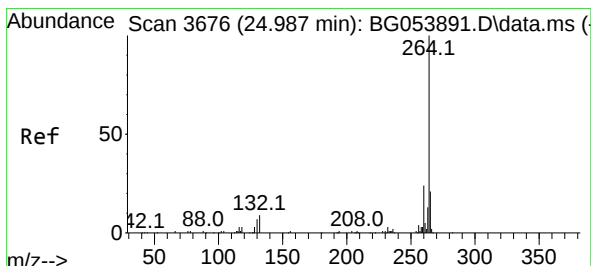
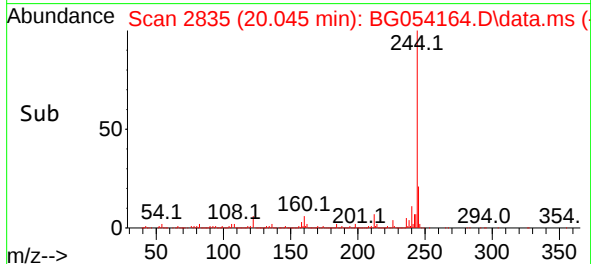
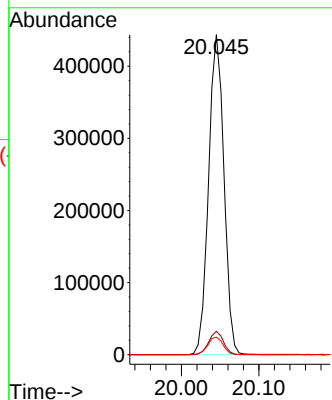
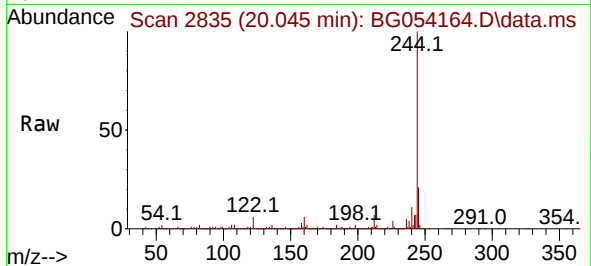




#79
 Terphenyl-d14
 Concen: 71.347 ng
 RT: 20.045 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG054164.D
 Acq: 30 Jun 2022 3:29

Instrument :
 BNA_G
 ClientSampleId :
 600532979-B

Tgt Ion:244 Resp: 609684
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 5.5 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.975 min Scan# 3674
 Delta R.T. 0.012 min
 Lab File: BG054164.D
 Acq: 30 Jun 2022 3:29

Tgt Ion:264 Resp: 179447
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 21.6 17.4 26.2

