

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063021\
 Data File : BG049144.D
 Acq On : 30 Jun 2021 17:05
 Operator : CG/JU
 Sample : PB137373BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137373BL

Quant Time: Jun 30 17:48:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 30 15:39:12 2021
 Response via : Initial Calibration

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

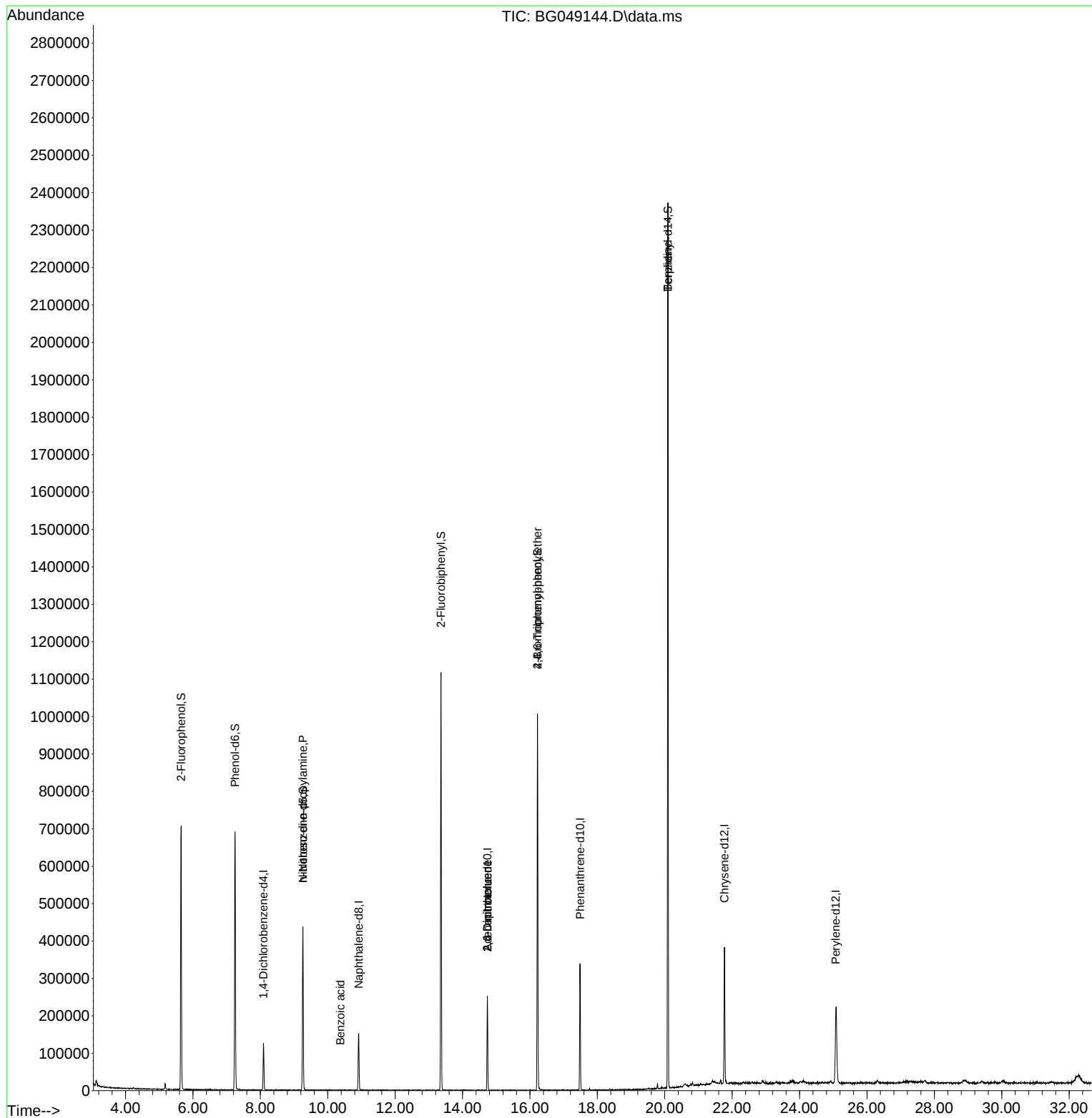
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.092	152	32628	20.000	ng	# 0.00
21) Naphthalene-d8	10.918	136	128270	20.000	ng	# 0.00
39) Acenaphthene-d10	14.737	164	91691	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	216888	20.000	ng	# 0.00
76) Chrysene-d12	21.770	240	231660	20.000	ng	0.00
86) Perylene-d12	25.078	264	238735	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.648	112	281197	134.986	ng	0.00
7) Phenol-d6	7.246	99	358989	120.872	ng	0.00
23) Nitrobenzene-d5	9.261	82	255492	84.449	ng	0.00
42) 2,4,6-Tribromophenol	16.223	330	197794	124.438	ng	0.00
45) 2-Fluorobiphenyl	13.362	172	585442	86.142	ng	0.00
79) Terphenyl-d14	20.095	244	1106854	80.963	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.261	70	37891	17.752	ng	# 75
32) Benzoic acid	10.371	122	87	6.324	ng	# 1
51) 2,6-Dinitrotoluene	14.737	165	12064	7.152	ng	# 10
57) 2,4-Dinitrotoluene	14.737	165	12064	5.035	ng	# 15
67) 4-Bromophenyl-phenylether	16.223	248	11897	4.066	ng	# 1
77) Benzidine	20.095	184	20787	4.177	ng	# 92

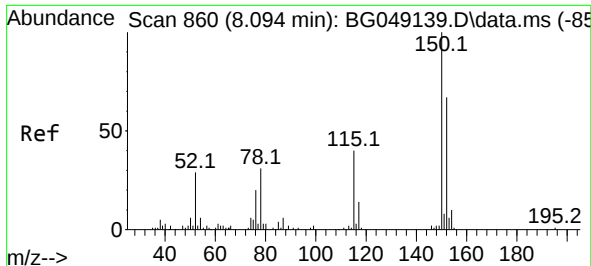
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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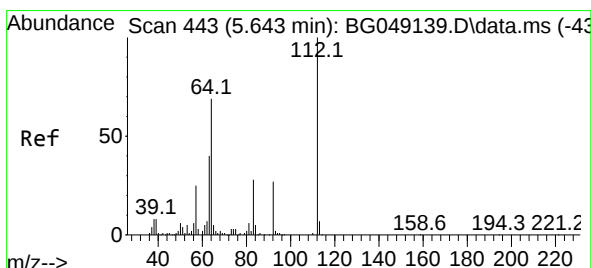
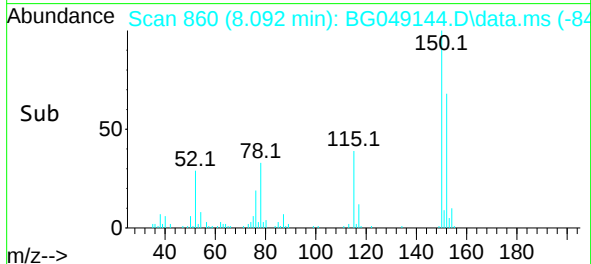
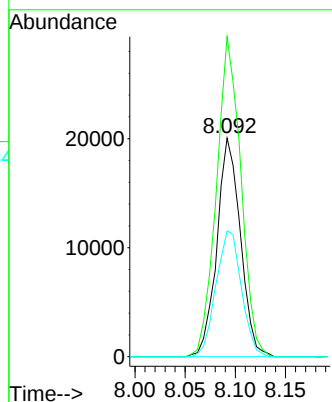
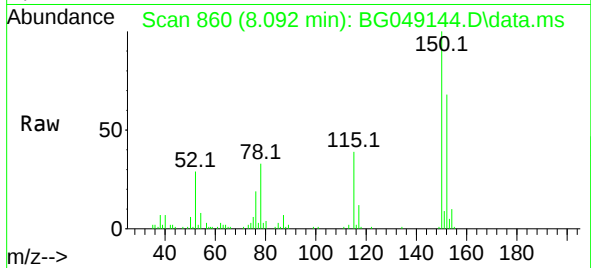




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.092 min Scan# 860
Delta R.T. -0.002 min
Lab File: BG049144.D
Acq: 30 Jun 2021 17:05

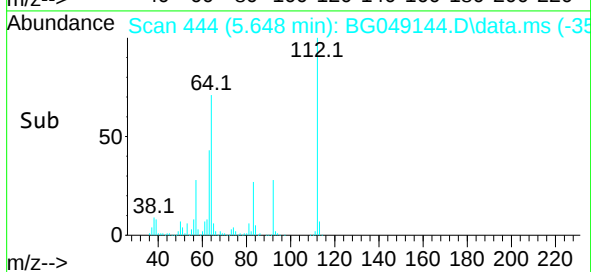
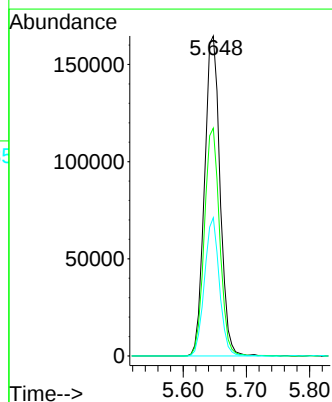
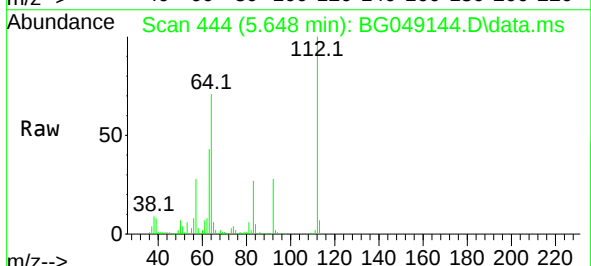
Instrument :
BNA_G
ClientSampleId :
PB137373BL

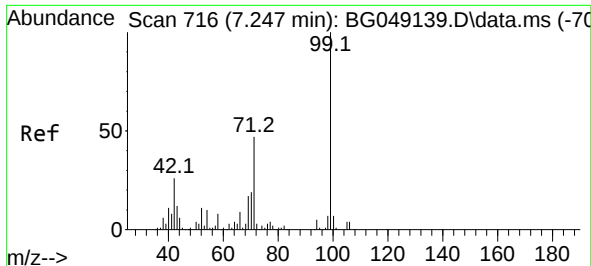
Tgt Ion:152 Resp: 32628
Ion Ratio Lower Upper
152 100
150 146.4 119.4 179.0
115 57.6 60.2 90.4#



#5
2-Fluorophenol
Concen: 134.986 ng
RT: 5.648 min Scan# 444
Delta R.T. 0.004 min
Lab File: BG049144.D
Acq: 30 Jun 2021 17:05

Tgt Ion:112 Resp: 281197
Ion Ratio Lower Upper
112 100
64 71.2 46.7 70.1#
63 43.2 35.3 52.9

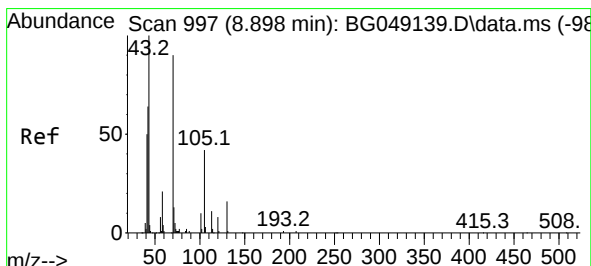
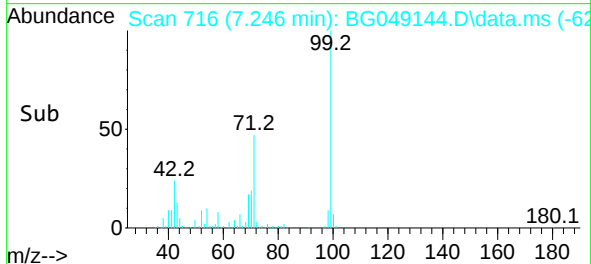
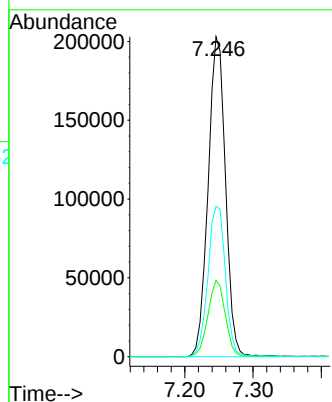
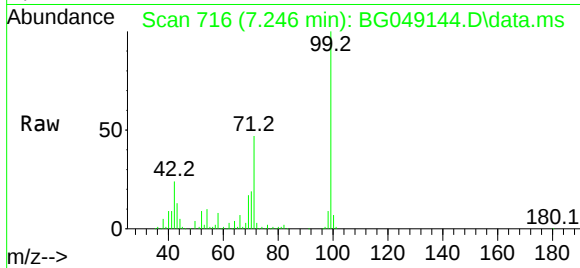




#7
Phenol-d6
Concen: 120.872 ng
RT: 7.246 min Scan# 716
Delta R.T. -0.002 min
Lab File: BG049144.D
Acq: 30 Jun 2021 17:05

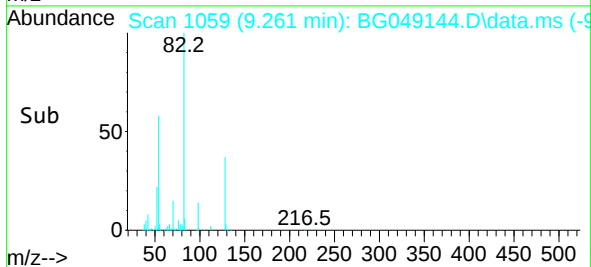
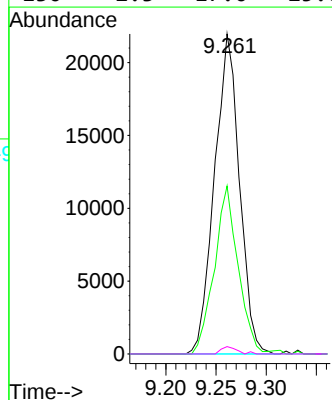
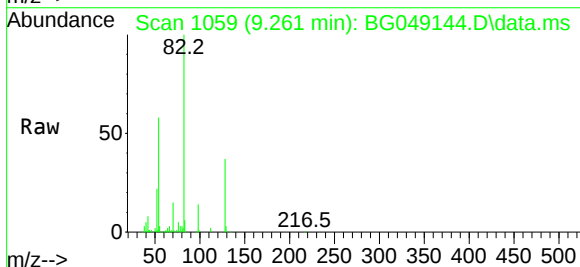
Instrument :
BNA_G
ClientSampleId :
PB137373BL

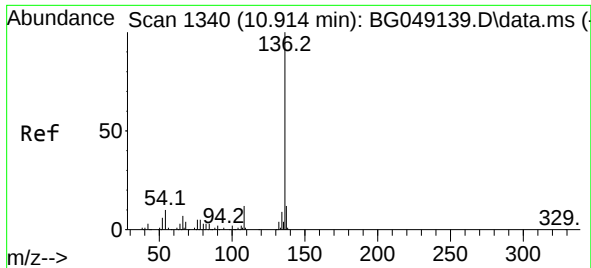
Tgt Ion: 99 Resp: 358989
Ion Ratio Lower Upper
99 100
42 23.8 20.5 30.7
71 46.9 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.752 ng
RT: 9.261 min Scan# 1059
Delta R.T. 0.363 min
Lab File: BG049144.D
Acq: 30 Jun 2021 17:05

Tgt Ion: 70 Resp: 37891
Ion Ratio Lower Upper
70 100
42 52.5 54.5 81.7#
101 0.0 9.0 13.6#
130 2.3 17.0 25.6#

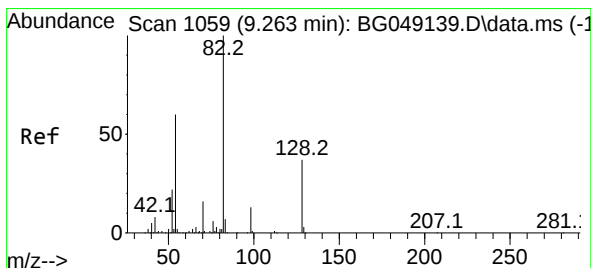
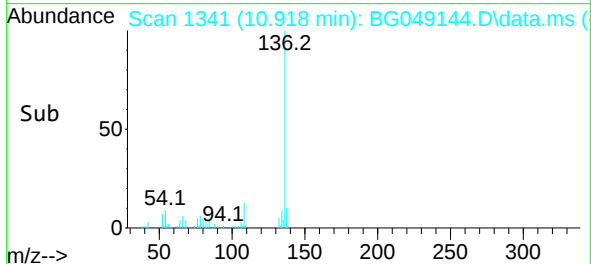
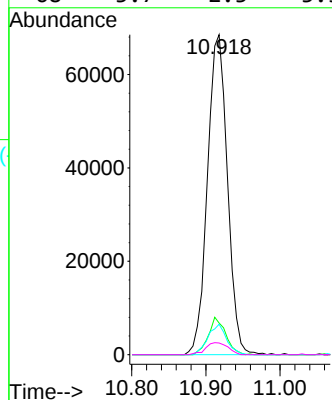
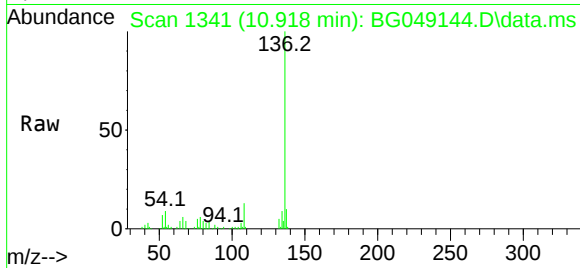




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.918 min Scan# 1341
Delta R.T. 0.004 min
Lab File: BG049144.D
Acq: 30 Jun 2021 17:05

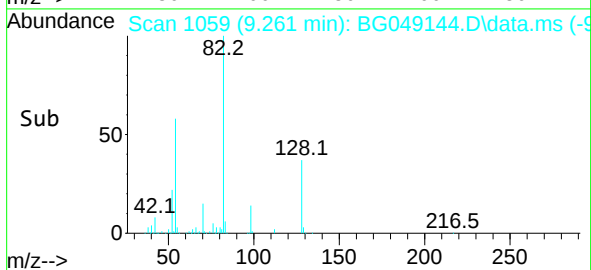
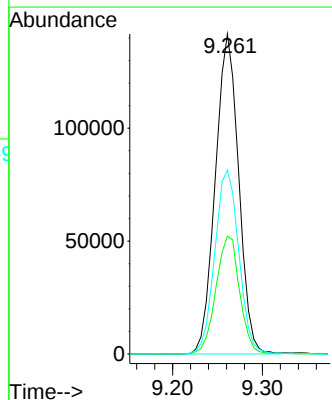
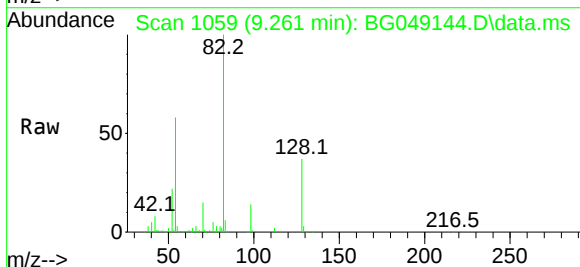
Instrument :
BNA_G
ClientSampleId :
PB137373BL

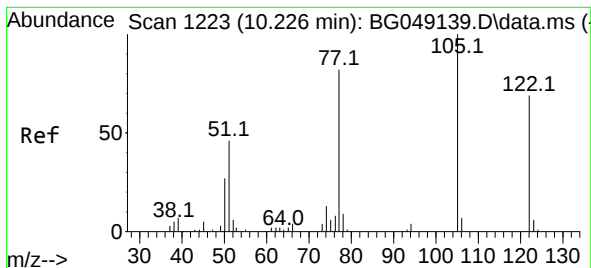
Tgt Ion:136	Resp:	128270
Ion Ratio	Lower	Upper
136	100	
137	9.9	8.2 12.2
54	9.5	5.5 8.3#
68	3.7	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 84.449 ng
RT: 9.261 min Scan# 1059
Delta R.T. -0.002 min
Lab File: BG049144.D
Acq: 30 Jun 2021 17:05

Tgt Ion: 82	Resp:	255492
Ion Ratio	Lower	Upper
82	100	
128	36.8	29.8 44.6
54	57.5	45.8 68.8

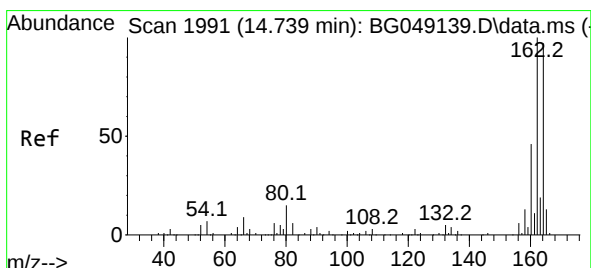
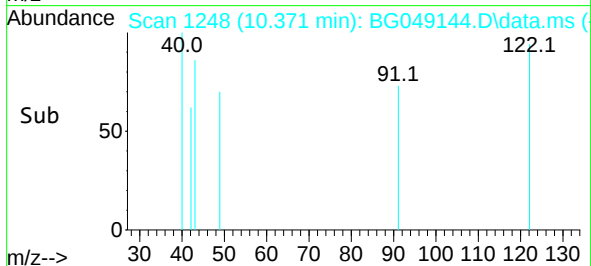
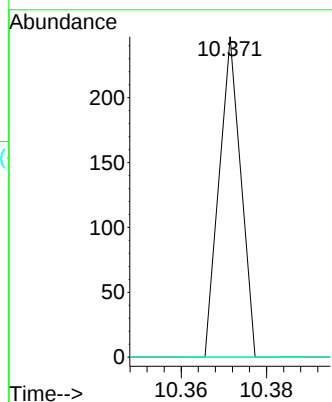
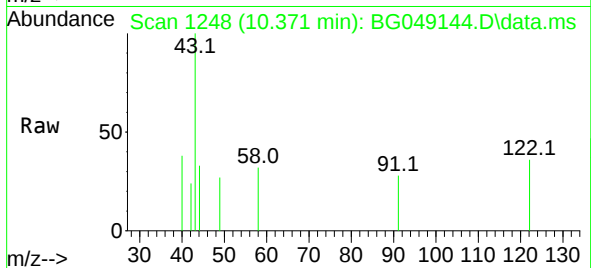




#32
Benzoic acid
Concen: 6.324 ng
RT: 10.371 min Scan# 1248
Delta R.T. 0.145 min
Lab File: BG049144.D
Acq: 30 Jun 2021 17:05

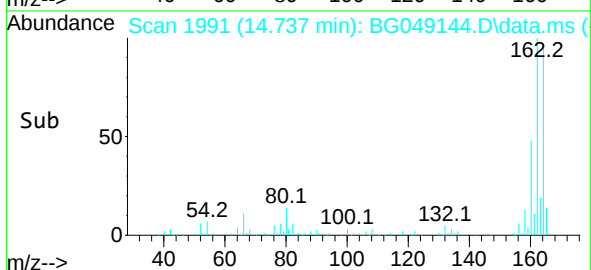
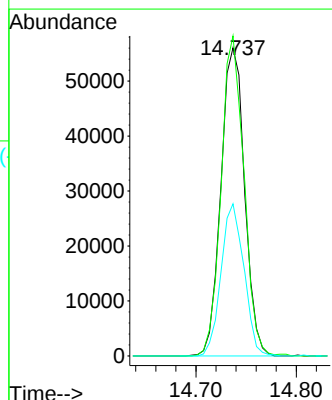
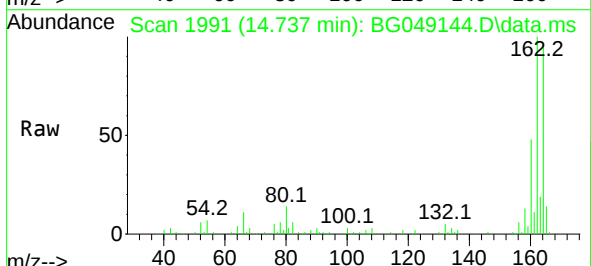
Instrument :
BNA_G
ClientSampleId :
PB137373BL

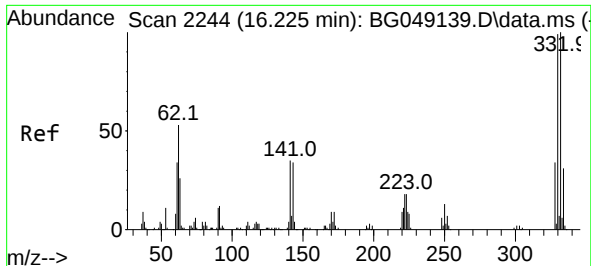
Tgt Ion:122 Resp: 87
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 0.0 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.737 min Scan# 1991
Delta R.T. -0.002 min
Lab File: BG049144.D
Acq: 30 Jun 2021 17:05

Tgt Ion:164 Resp: 91691
Ion Ratio Lower Upper
164 100
162 103.9 81.4 122.0
160 49.4 34.9 52.3

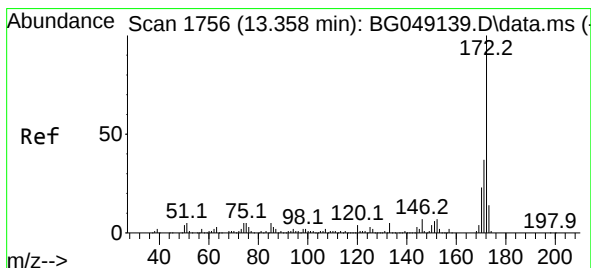
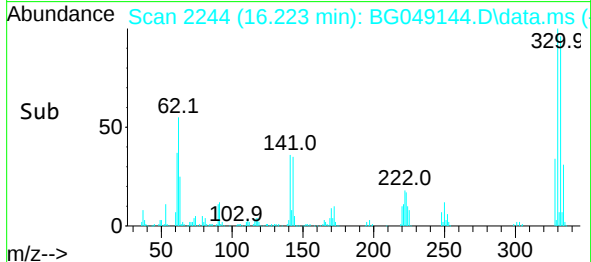
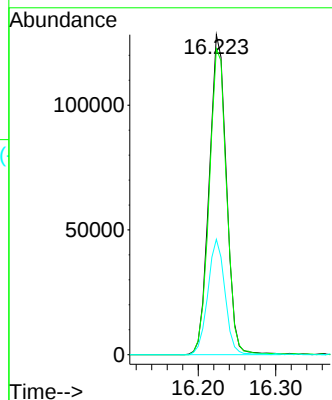
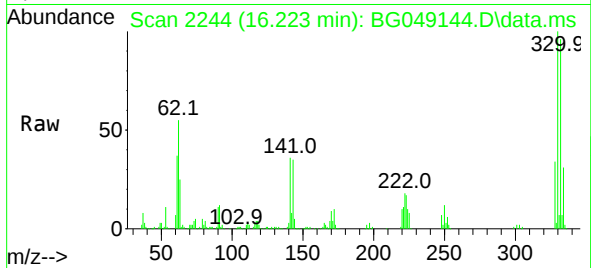




#42
2,4,6-Tribromophenol
Concen: 124.438 ng
RT: 16.223 min Scan# 2244
Delta R.T. -0.002 min
Lab File: BG049144.D
Acq: 30 Jun 2021 17:05

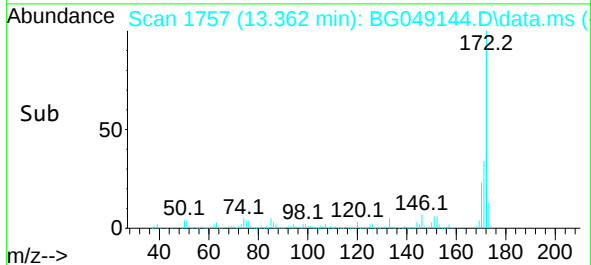
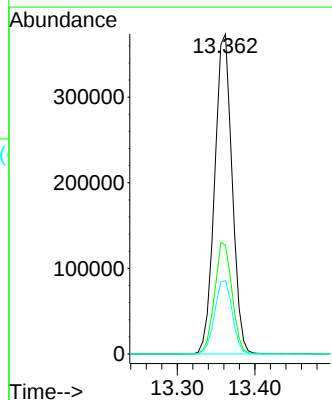
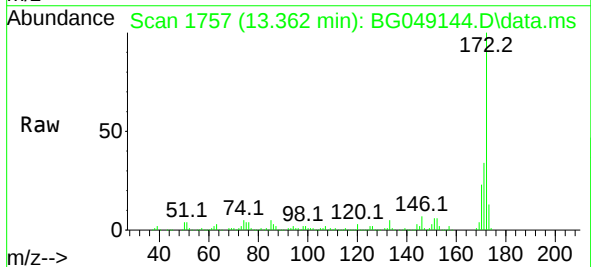
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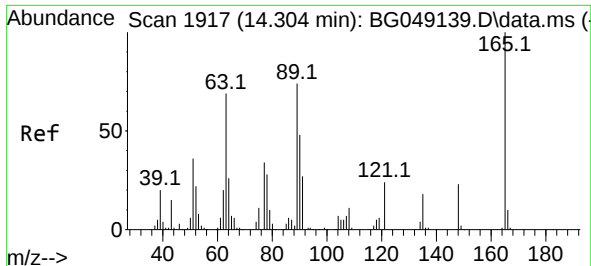
Tgt Ion:330 Resp: 197794
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 35.9 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 86.142 ng
RT: 13.362 min Scan# 1757
Delta R.T. 0.004 min
Lab File: BG049144.D
Acq: 30 Jun 2021 17:05

Tgt Ion:172 Resp: 585442
Ion Ratio Lower Upper
172 100
171 33.9 28.6 43.0
170 22.9 18.6 27.8

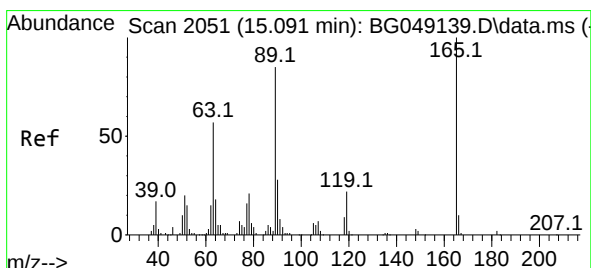
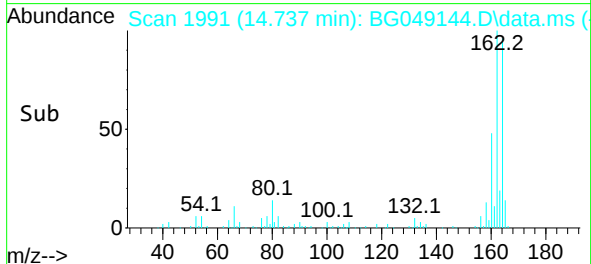
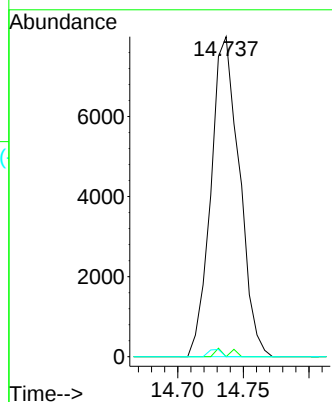
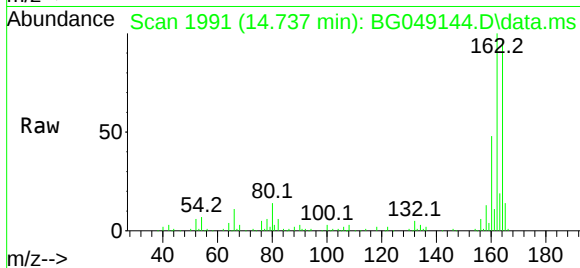




#51
2,6-Dinitrotoluene
Concen: 7.152 ng
RT: 14.737 min Scan# 1991
Delta R.T. 0.433 min
Lab File: BG049144.D
Acq: 30 Jun 2021 17:05

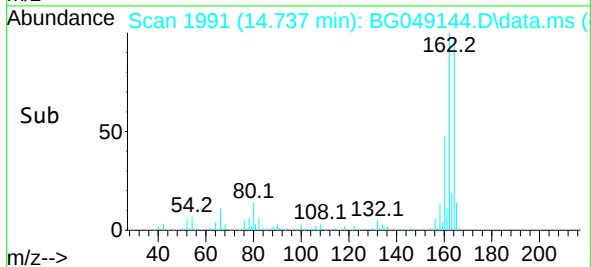
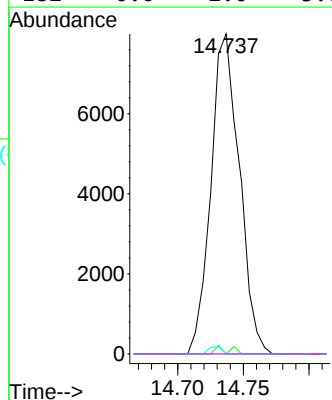
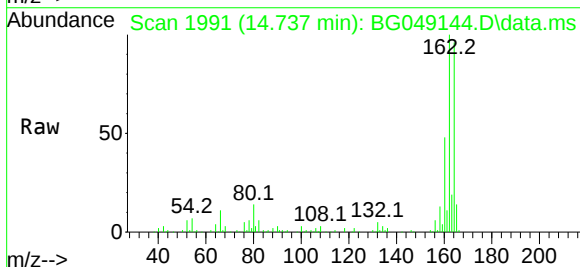
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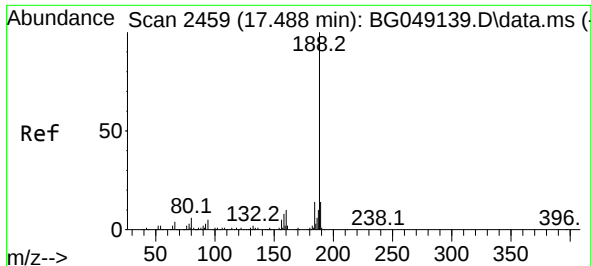
Tgt Ion:165 Resp: 12064
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.035 ng
RT: 14.737 min Scan# 1991
Delta R.T. -0.354 min
Lab File: BG049144.D
Acq: 30 Jun 2021 17:05

Tgt Ion:165 Resp: 12064
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#

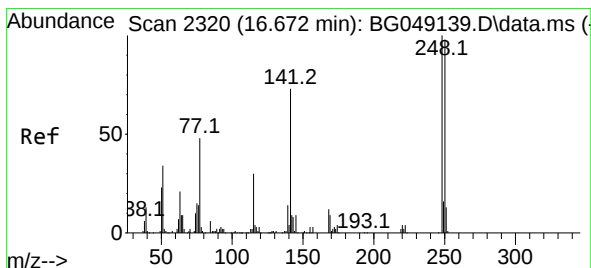
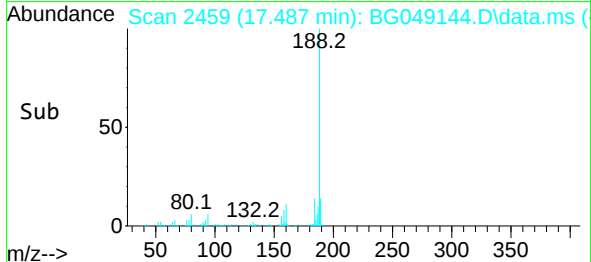
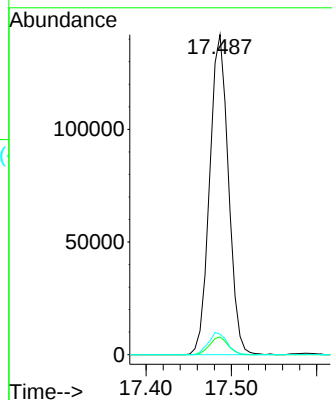
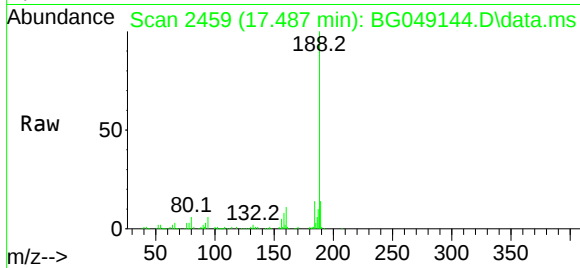




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.487 min Scan# 2459
Delta R.T. -0.002 min
Lab File: BG049144.D
Acq: 30 Jun 2021 17:05

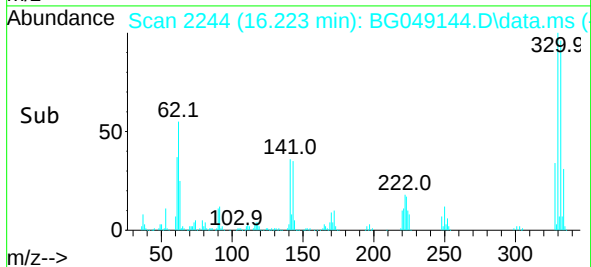
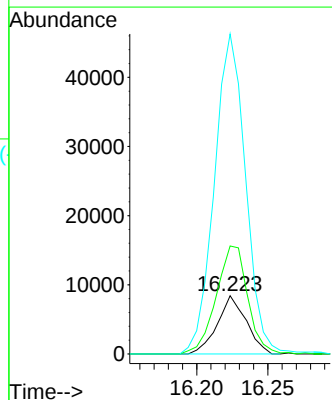
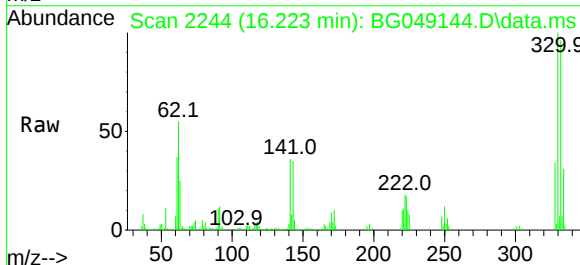
Instrument :
BNA_G
ClientSampleId :
PB137373BL

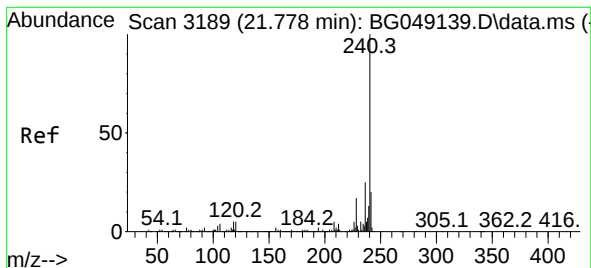
Tgt Ion:188 Resp: 216888
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 6.4 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.066 ng
RT: 16.223 min Scan# 2244
Delta R.T. -0.448 min
Lab File: BG049144.D
Acq: 30 Jun 2021 17:05

Tgt Ion:248 Resp: 11897
Ion Ratio Lower Upper
248 100
250 185.6 76.1 114.1#
141 549.7 65.4 98.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.770 min Scan# 3188

Delta R.T. -0.008 min

Lab File: BG049144.D

Acq: 30 Jun 2021 17:05

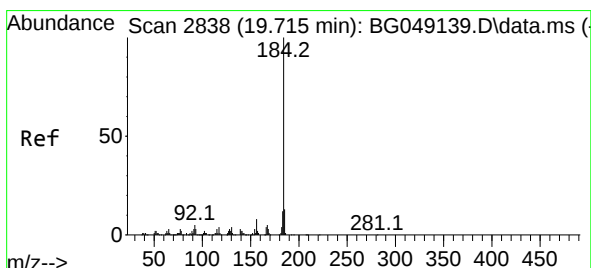
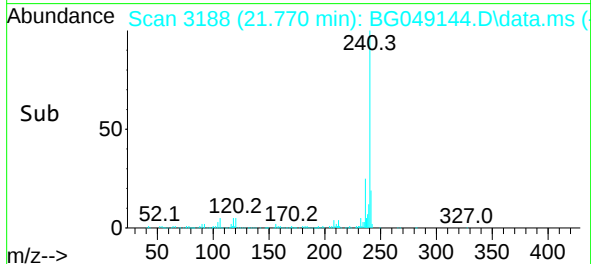
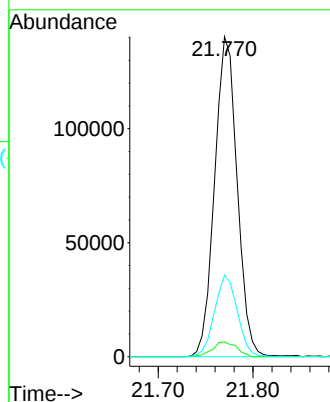
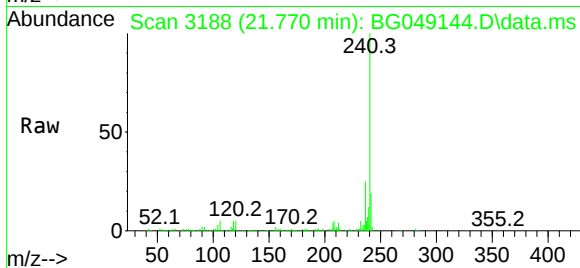
Instrument :

BNA_G

ClientSampleId :

PB137373BL

Tgt Ion:240	Resp:	231660
Ion Ratio	Lower	Upper
240	100	
120	4.6	4.2 6.2
236	25.5	21.8 32.6



#77

Benzidine

Concen: 4.177 ng

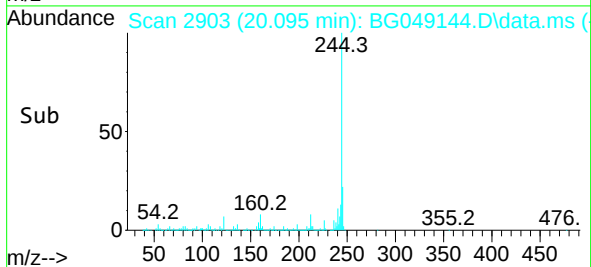
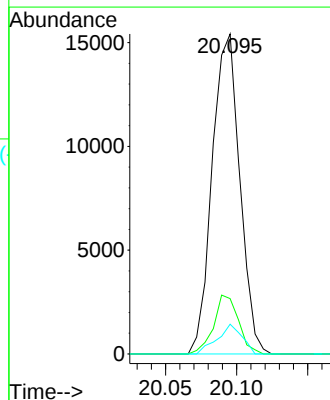
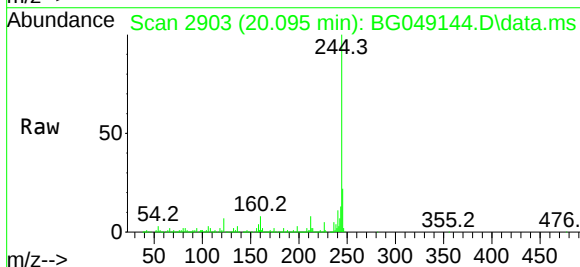
RT: 20.095 min Scan# 2903

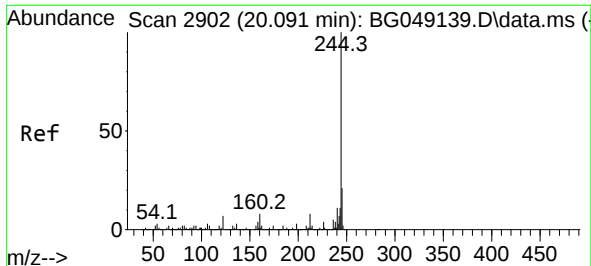
Delta R.T. 0.380 min

Lab File: BG049144.D

Acq: 30 Jun 2021 17:05

Tgt Ion:184	Resp:	20787
Ion Ratio	Lower	Upper
184	100	
185	17.3	10.7 16.1#
183	9.3	9.4 14.0#

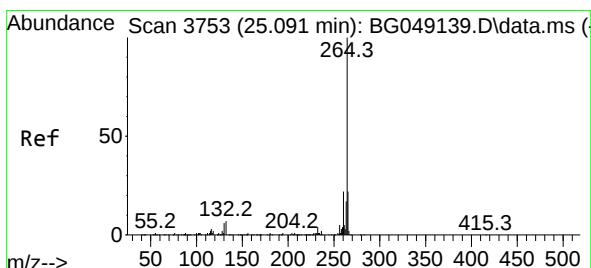
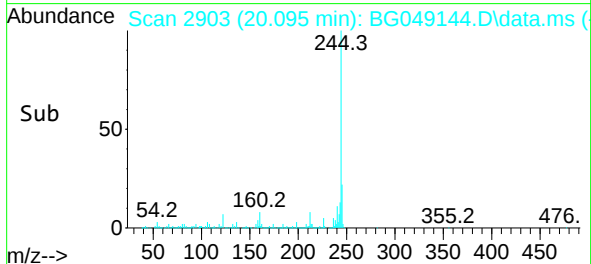
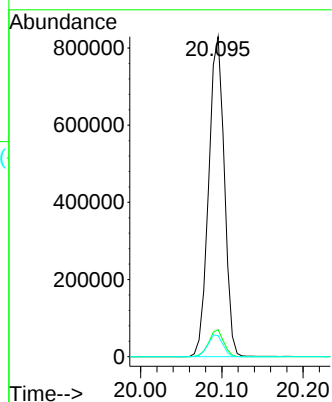
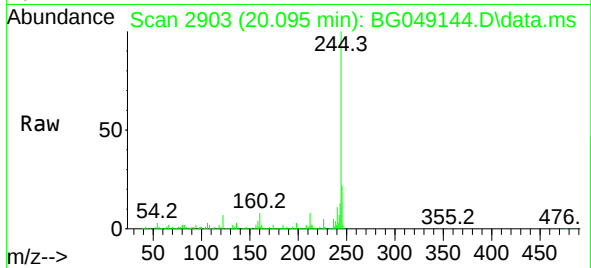




#79
Terphenyl-d14
Concen: 80.963 ng
RT: 20.095 min Scan# 2903
Delta R.T. 0.004 min
Lab File: BG049144.D
Acq: 30 Jun 2021 17:05

Instrument :
BNA_G
ClientSampleId :
PB137373BL

Tgt Ion:244 Resp: 1106854
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 6.6 5.0 7.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.078 min Scan# 3751
Delta R.T. -0.014 min
Lab File: BG049144.D
Acq: 30 Jun 2021 17:05

Tgt Ion:264 Resp: 238735
Ion Ratio Lower Upper
264 100
260 22.8 19.4 29.2
265 21.5 16.9 25.3

