

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090822\
 Data File : BG054885.D
 Acq On : 8 Sep 2022 15:45
 Operator : CG/JU
 Sample : N4537-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW2

Quant Time: Sep 09 02:49:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 02:45:21 2022
 Response via : Initial Calibration

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

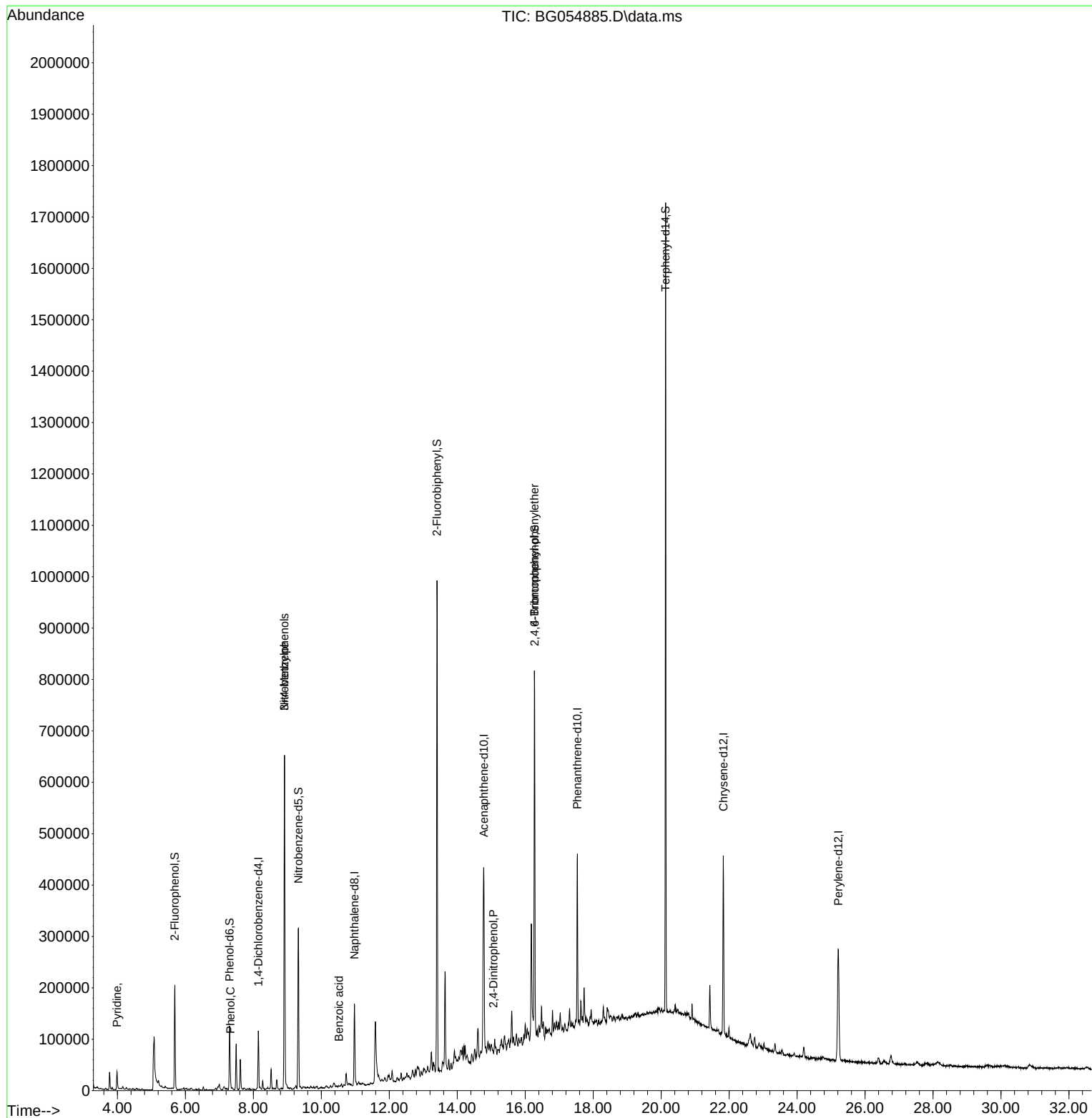
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	34872	20.000	ng	0.00
21) Naphthalene-d8	10.972	136	141630	20.000	ng	0.00
39) Acenaphthene-d10	14.785	164	104708	20.000	ng	0.00
64) Phenanthrene-d10	17.535	188	223870	20.000	ng	0.00
76) Chrysene-d12	21.830	240	229977	20.000	ng	0.00
86) Perylene-d12	25.214	264	243519	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	99343	49.608	ng	0.00
7) Phenol-d6	7.300	99	83690	30.558	ng	0.00
23) Nitrobenzene-d5	9.327	82	202570	75.084	ng	0.00
42) 2,4,6-Tribromophenol	16.278	330	166600	127.332	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	508611	73.008	ng	0.00
79) Terphenyl-d14	20.132	244	783419	67.496	ng	0.00
Target Compounds						Qvalue
3) Pyridine	3.986	79	9418	3.531	ng	# 21
10) Phenol	7.329	94	7851	2.788	ng	94
20) 3+4-Methylphenols	8.916	107	330568	122.935	ng	88
24) Nitrobenzene	8.916	77	94626	34.798	ng	# 45
32) Benzoic acid	10.520	122	144	7.892	ng	93
54) 2,4-Dinitrophenol	15.062	184	197	6.893	ng	# 1
67) 4-Bromophenyl-phenylether	16.272	248	10789	4.389	ng	# 1

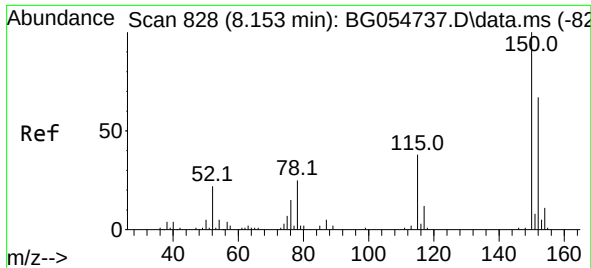
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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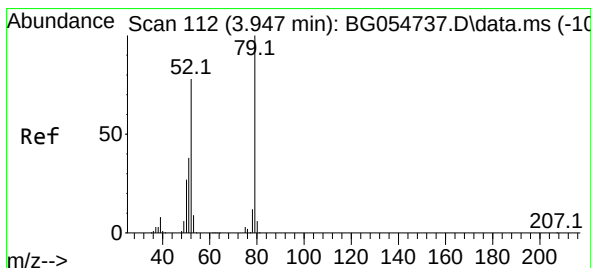
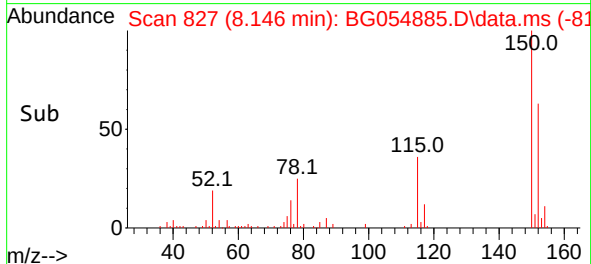
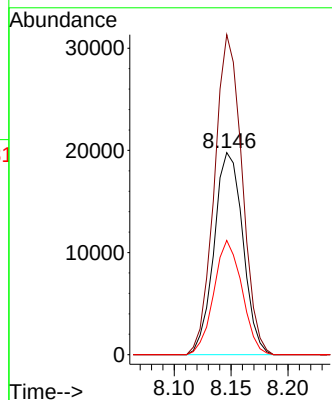
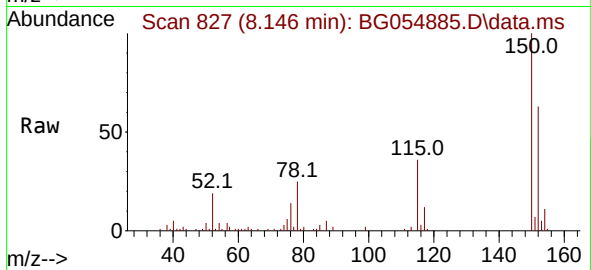




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG054885.D
Acq: 8 Sep 2022 15:45

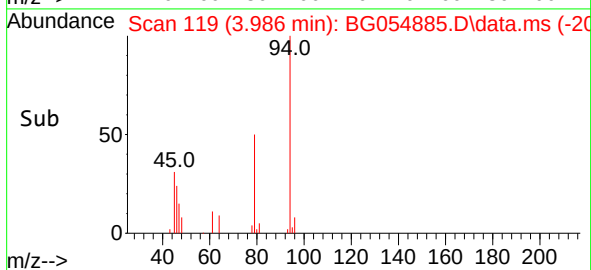
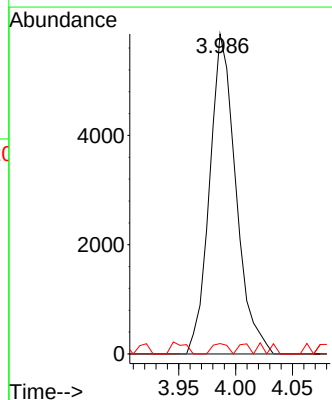
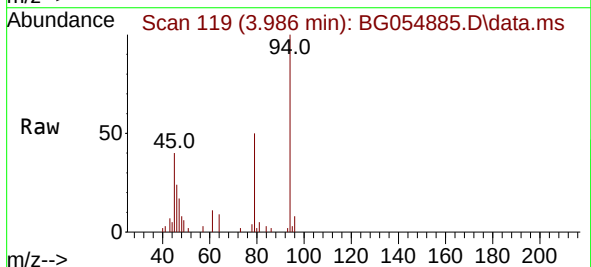
Instrument :
BNA_G
ClientSampleId :
MW2

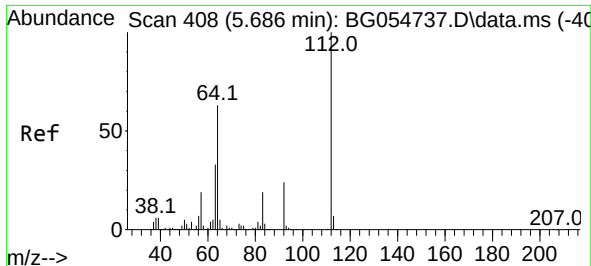
Tgt Ion:152 Resp: 34872
Ion Ratio Lower Upper
152 100
150 158.4 125.2 187.8
115 56.6 47.9 71.9



#3
Pyridine
Concen: 3.531 ng
RT: 3.986 min Scan# 119
Delta R.T. 0.052 min
Lab File: BG054885.D
Acq: 8 Sep 2022 15:45

Tgt Ion: 79 Resp: 9418
Ion Ratio Lower Upper
79 100
52 0.0 61.4 92.0#
51 3.3 31.4 47.0#

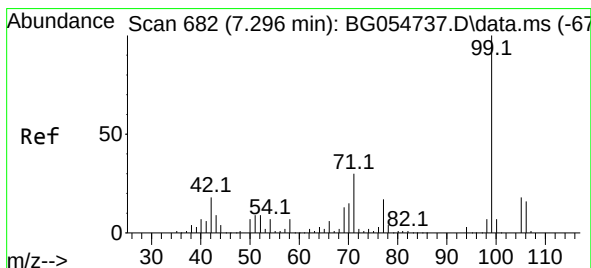
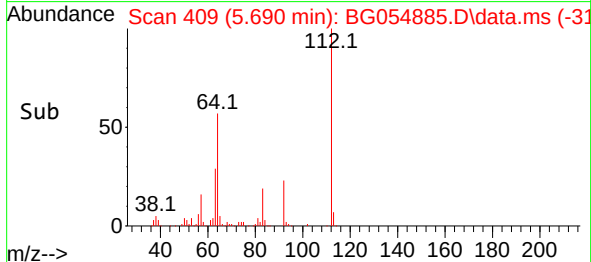
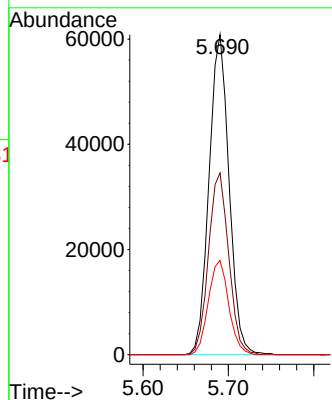
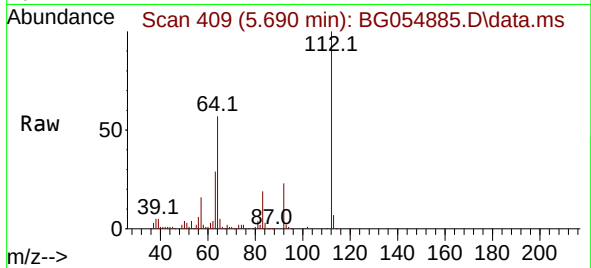




#5
2-Fluorophenol
Concen: 49.608 ng
RT: 5.690 min Scan# 408
Delta R.T. 0.005 min
Lab File: BG054885.D
Acq: 8 Sep 2022 15:45

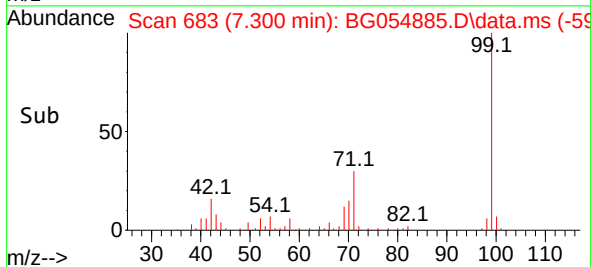
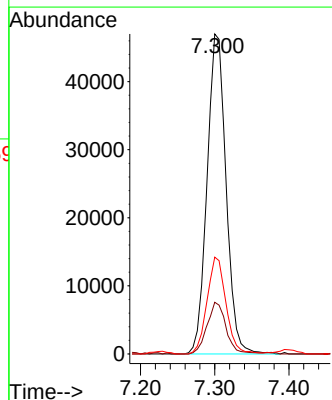
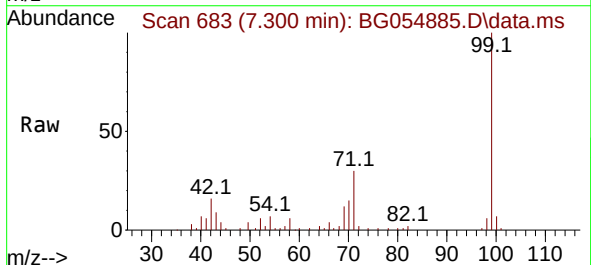
Instrument :
BNA_G
ClientSampleId :
MW2

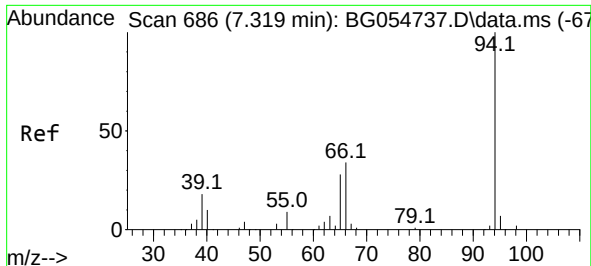
Tgt Ion:112 Resp: 99343
Ion Ratio Lower Upper
112 100
64 56.8 49.3 73.9
63 29.4 26.3 39.5



#7
Phenol-d6
Concen: 30.558 ng
RT: 7.300 min Scan# 683
Delta R.T. -0.006 min
Lab File: BG054885.D
Acq: 8 Sep 2022 15:45

Tgt Ion: 99 Resp: 83690
Ion Ratio Lower Upper
99 100
42 16.1 14.6 22.0
71 30.2 24.6 37.0

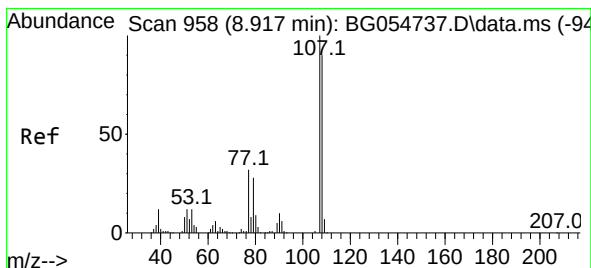
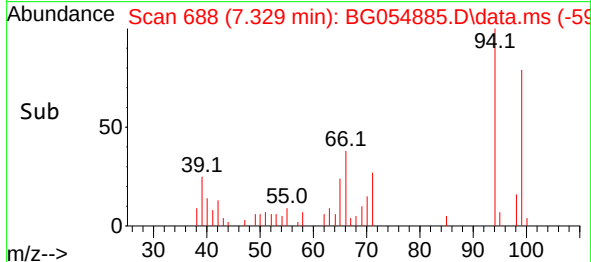
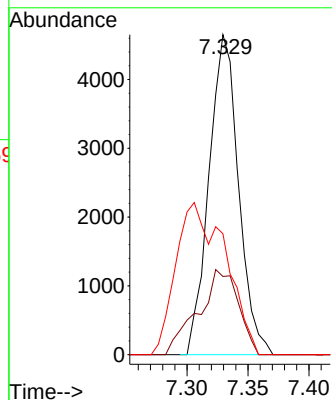
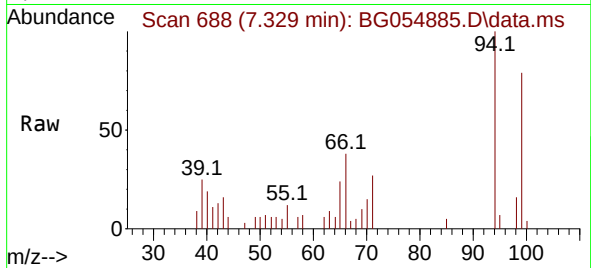




#10
Phenol
Concen: 2.788 ng
RT: 7.329 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG054885.D
Acq: 8 Sep 2022 15:45

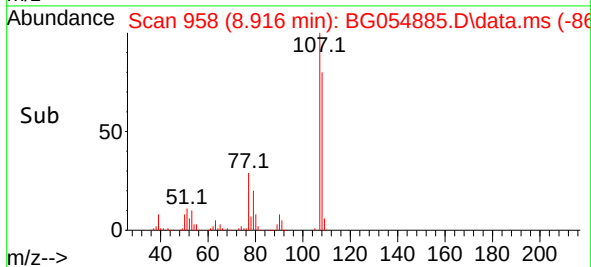
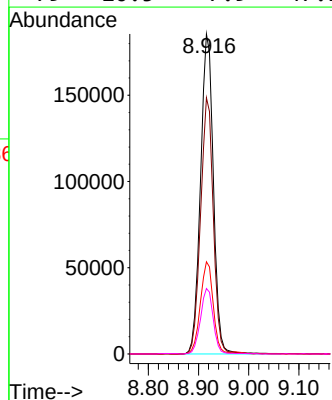
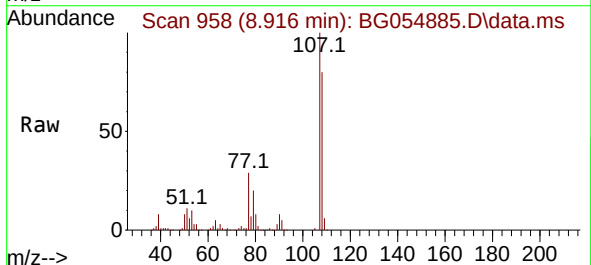
Instrument :
BNA_G
ClientSampleId :
MW2

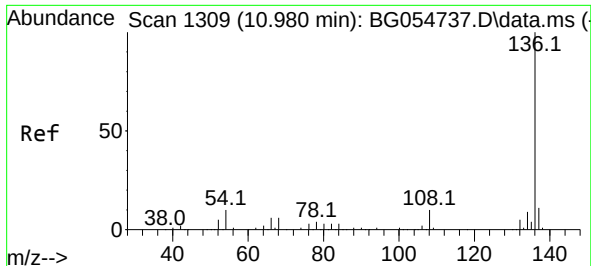
Tgt Ion: 94 Resp: 7851
Ion Ratio Lower Upper
94 100
65 24.4 9.9 49.9
66 37.8 16.4 56.4



#20
3+4-Methylphenols
Concen: 122.935 ng
RT: 8.916 min Scan# 958
Delta R.T. -0.006 min
Lab File: BG054885.D
Acq: 8 Sep 2022 15:45

Tgt Ion:107 Resp: 330568
Ion Ratio Lower Upper
107 100
108 80.1 71.6 111.6
77 28.8 13.1 53.1
79 20.5 7.9 47.9

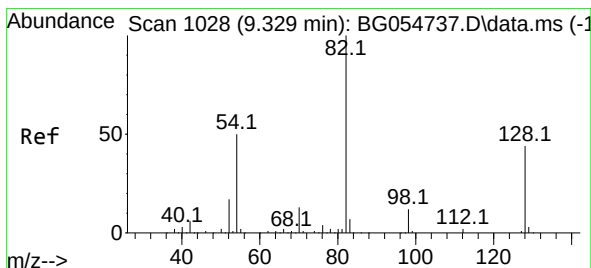
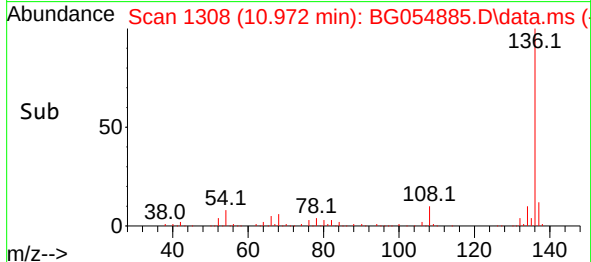
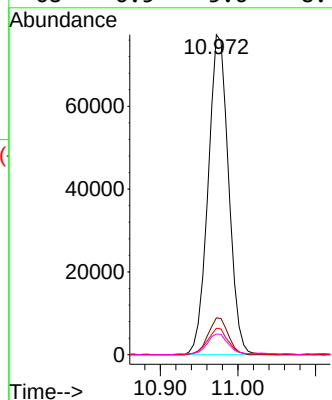
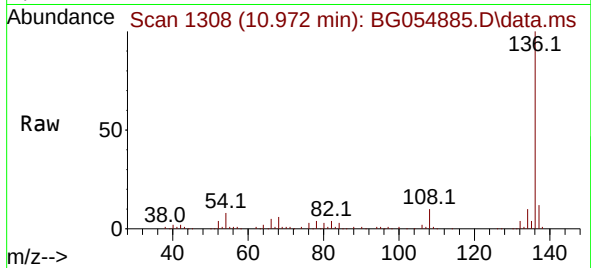




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.972 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054885.D
Acq: 8 Sep 2022 15:45

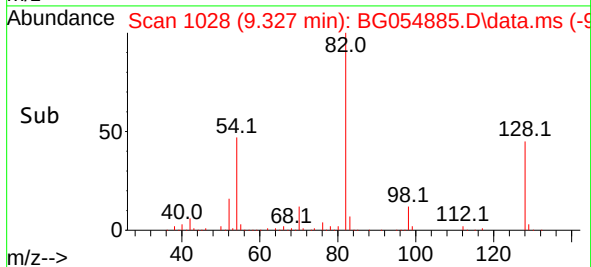
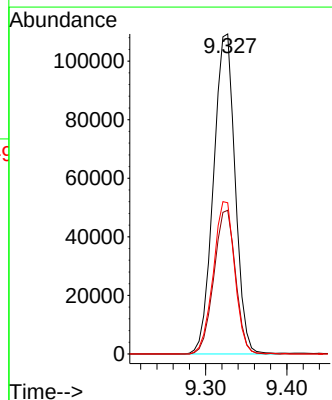
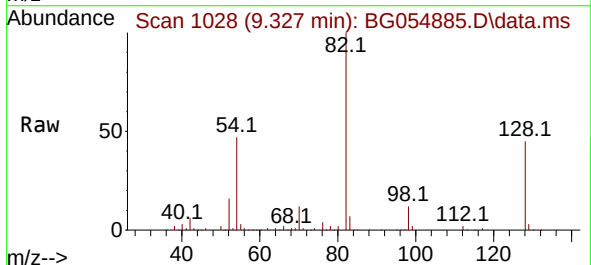
Instrument :
BNA_G
ClientSampleId :
MW2

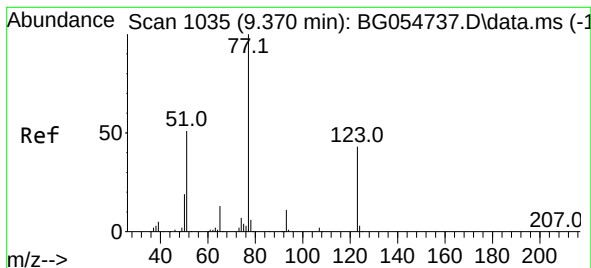
Tgt Ion:	136	Resp:	141630
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.2	13.8
54	8.2	7.7	11.5
68	6.5	5.6	8.4



#23
Nitrobenzene-d5
Concen: 75.084 ng
RT: 9.327 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BG054885.D
Acq: 8 Sep 2022 15:45

Tgt Ion:	82	Resp:	202570
Ion Ratio	Lower	Upper	
82	100		
128	44.9	32.2	48.2
54	47.2	41.4	62.0





#24

Nitrobenzene

Concen: 34.798 ng

RT: 8.916 min Scan# 91

Delta R.T. -0.453 min

Lab File: BG054885.D

Acq: 8 Sep 2022 15:45

Instrument :

BNA_G

ClientSampleId :

MW2

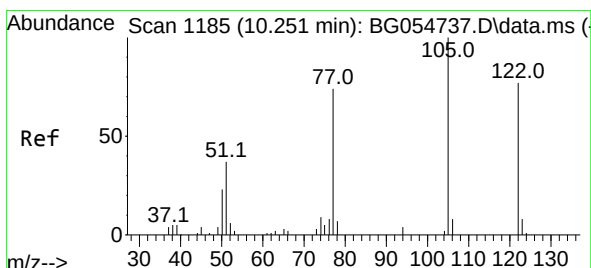
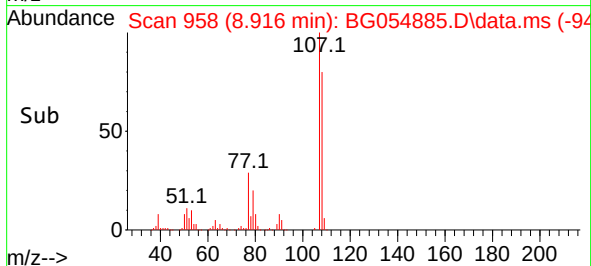
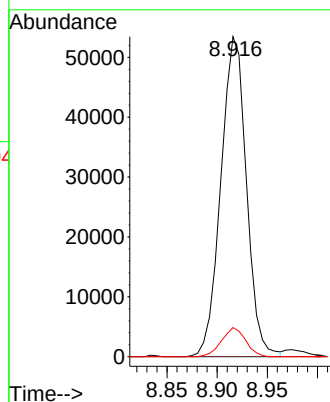
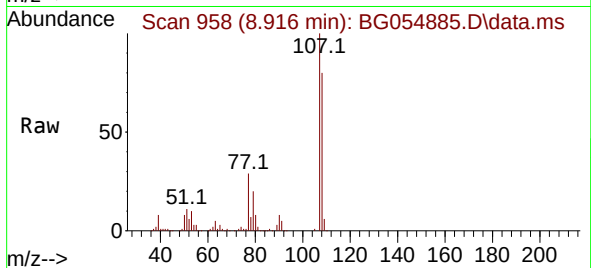
Tgt Ion: 77 Resp: 94626

Ion Ratio Lower Upper

77 100

123 0.0 35.0 52.6#

65 9.1 10.2 15.2#



#32

Benzoic acid

Concen: 7.892 ng

RT: 10.520 min Scan# 1231

Delta R.T. 0.188 min

Lab File: BG054885.D

Acq: 8 Sep 2022 15:45

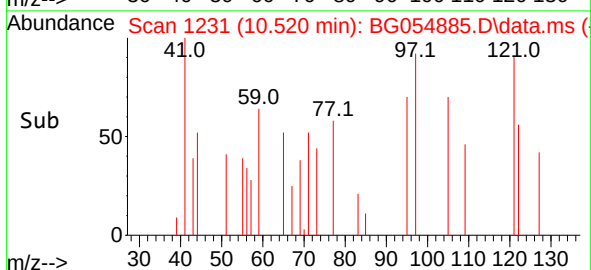
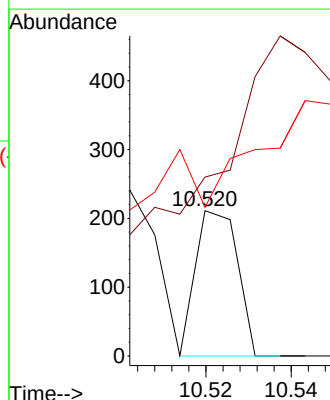
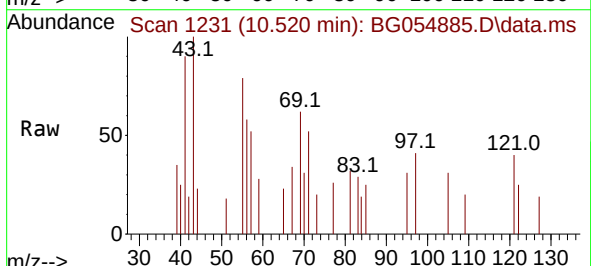
Tgt Ion: 122 Resp: 144

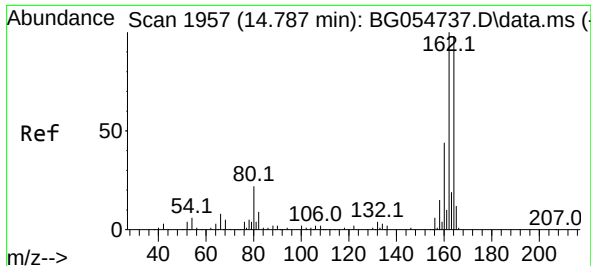
Ion Ratio Lower Upper

122 100

105 123.2 101.5 141.5

77 102.4 69.3 109.3

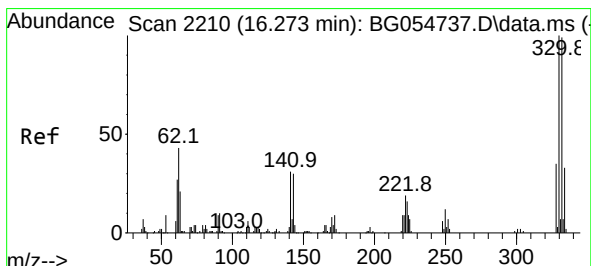
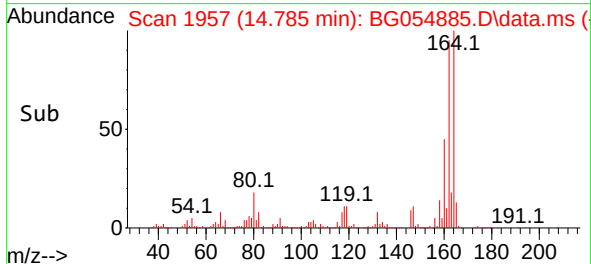
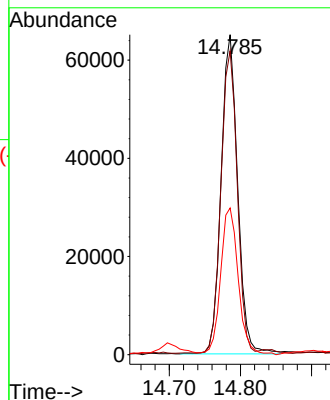
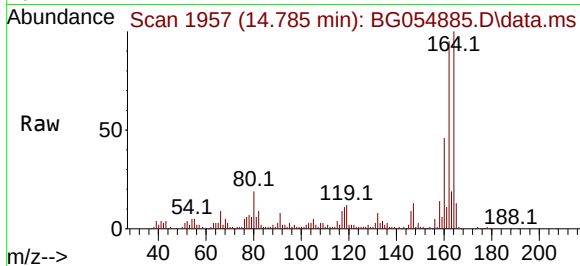




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.785 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BG054885.D
Acq: 8 Sep 2022 15:45

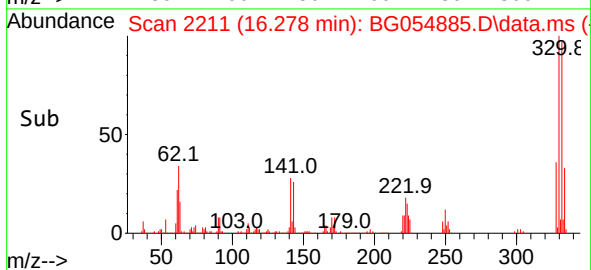
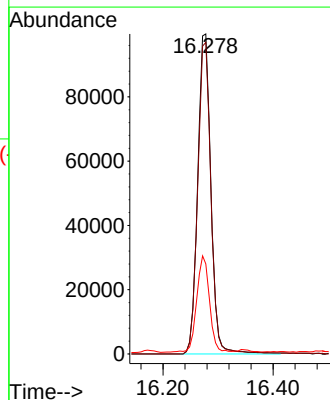
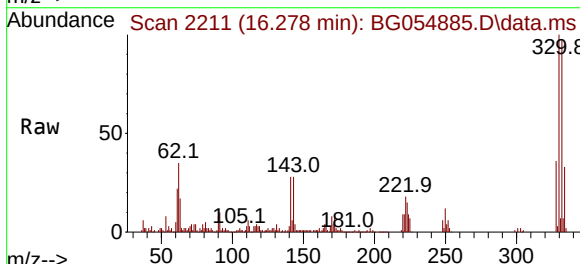
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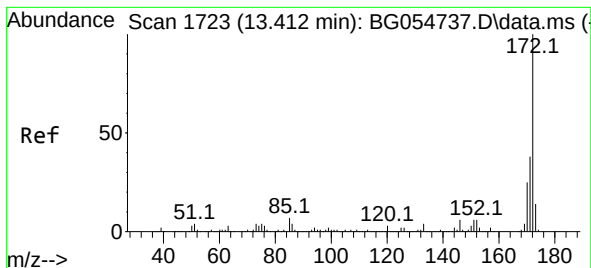
Tgt Ion:164 Resp: 104708
Ion Ratio Lower Upper
164 100
162 94.9 83.0 124.4
160 45.8 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 127.332 ng
RT: 16.278 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BG054885.D
Acq: 8 Sep 2022 15:45

Tgt Ion:330 Resp: 166600
Ion Ratio Lower Upper
330 100
332 96.8 79.8 119.6
141 29.2 26.8 40.2

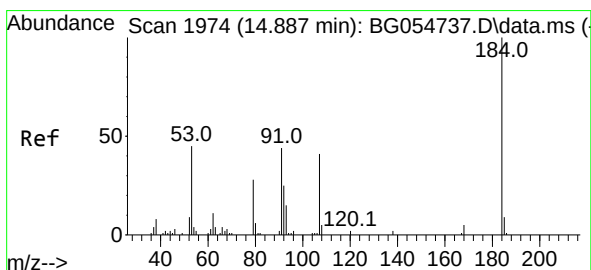
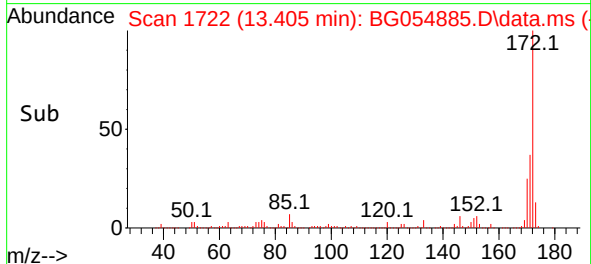
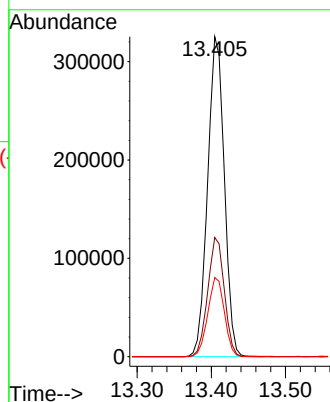
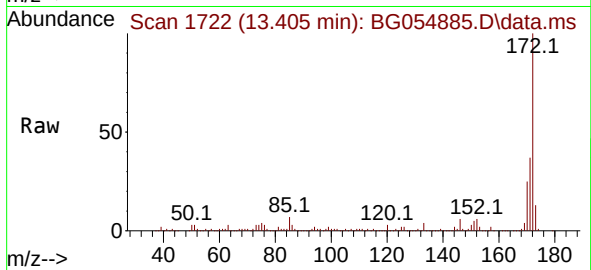




#45
2-Fluorobiphenyl
Concen: 73.008 ng
RT: 13.405 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054885.D
Acq: 8 Sep 2022 15:45

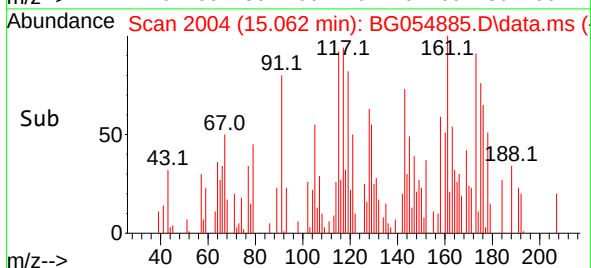
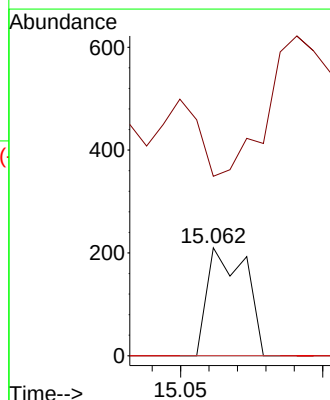
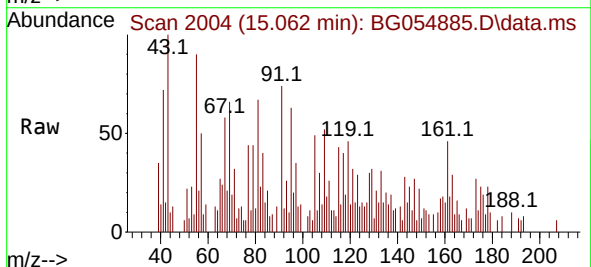
Instrument :
BNA_G
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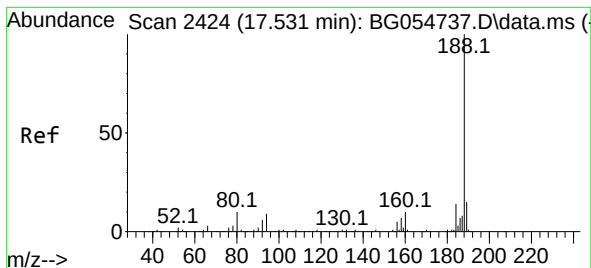
Tgt Ion:172 Resp: 508611
Ion Ratio Lower Upper
172 100
171 37.3 31.2 46.8
170 24.7 20.6 30.8



#54
2,4-Dinitrophenol
Concen: 6.893 ng
RT: 15.062 min Scan# 2004
Delta R.T. 0.152 min
Lab File: BG054885.D
Acq: 8 Sep 2022 15:45

Tgt Ion:184 Resp: 197
Ion Ratio Lower Upper
184 100
63 166.2 41.8 62.8#
154 0.0 45.2 67.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.535 min Scan# 24

Delta R.T. -0.000 min

Lab File: BG054885.D

Acq: 8 Sep 2022 15:45

Instrument :

BNA_G

ClientSampleId :

MW2

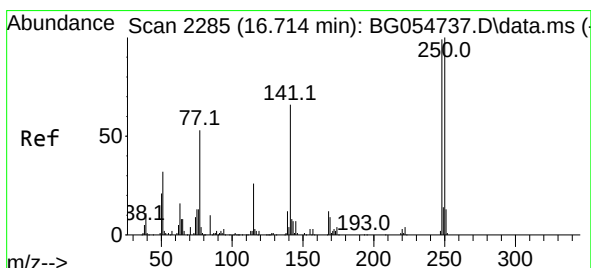
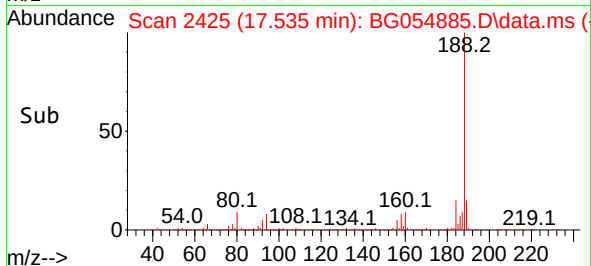
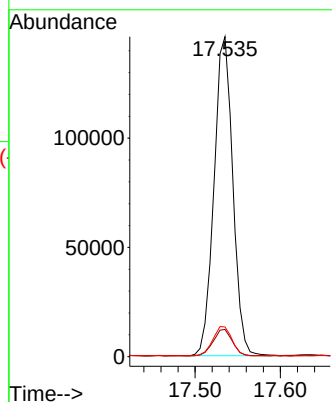
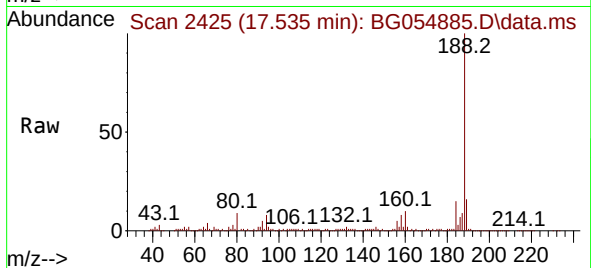
Tgt Ion:188 Resp: 223870

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.4

80 9.3 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 4.389 ng

RT: 16.272 min Scan# 2210

Delta R.T. -0.447 min

Lab File: BG054885.D

Acq: 8 Sep 2022 15:45

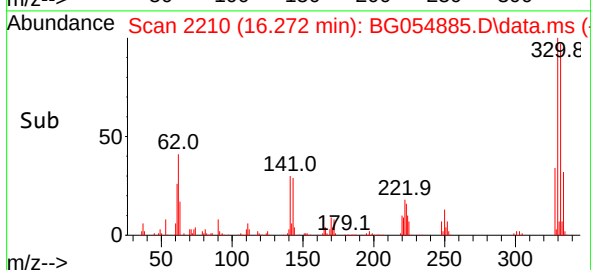
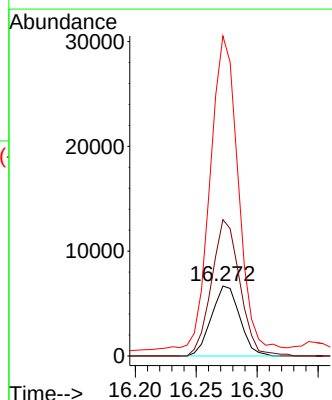
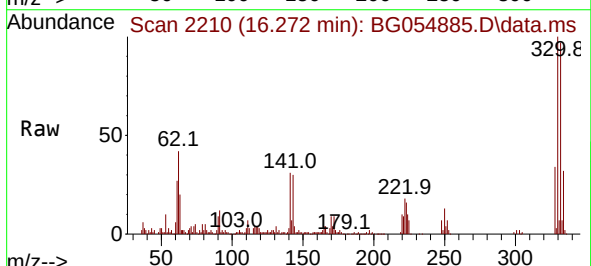
Tgt Ion:248 Resp: 10789

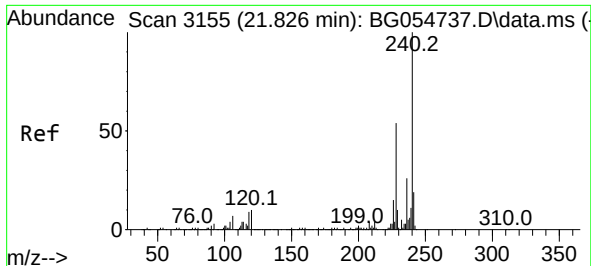
Ion Ratio Lower Upper

248 100

250 194.9 78.8 118.2#

141 457.5 51.9 77.9#

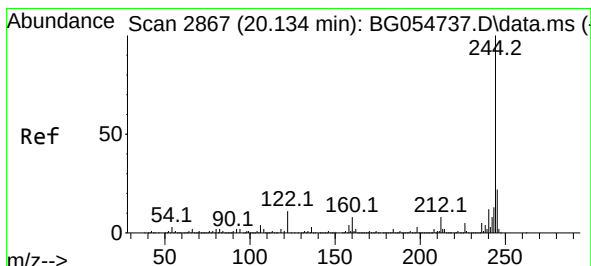
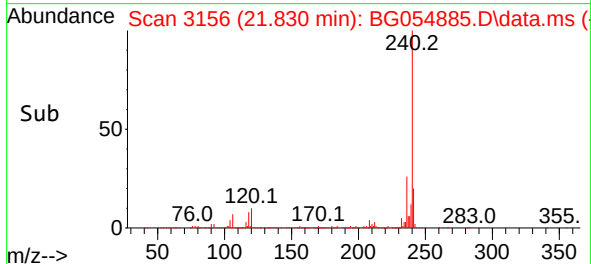
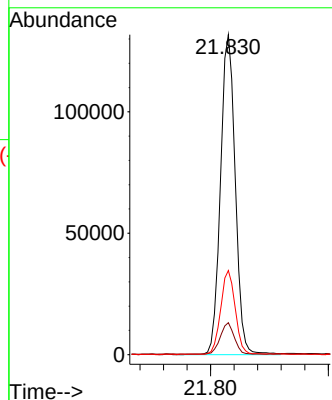
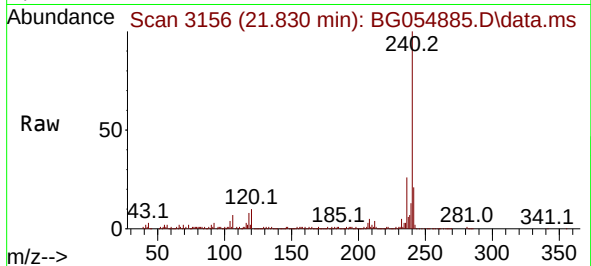




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.830 min Scan# 3155
Delta R.T. -0.006 min
Lab File: BG054885.D
Acq: 8 Sep 2022 15:45

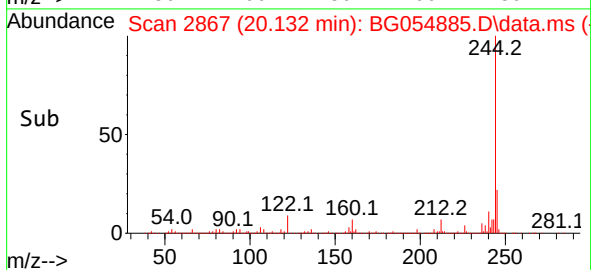
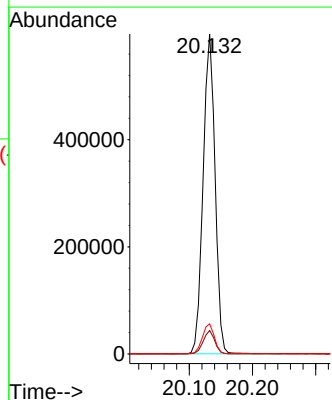
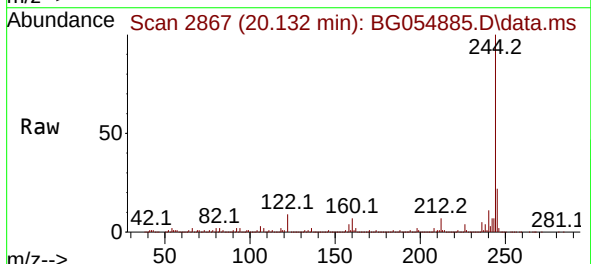
Instrument :
BNA_G
ClientSampleId :
MW2

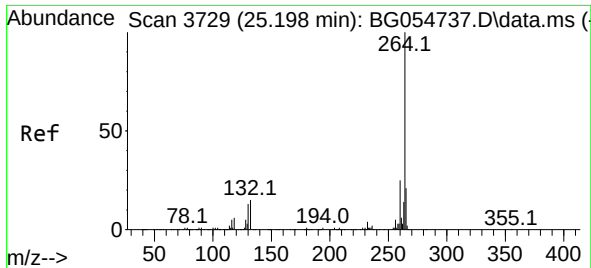
Tgt Ion:240 Resp: 229977
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.4
236 26.3 21.2 31.8



#79
Terphenyl-d14
Concen: 67.496 ng
RT: 20.132 min Scan# 2867
Delta R.T. -0.000 min
Lab File: BG054885.D
Acq: 8 Sep 2022 15:45

Tgt Ion:244 Resp: 783419
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.2
122 9.4 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.214 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG054885.D
Acq: 8 Sep 2022 15:45

Instrument :
BNA_G
ClientSampleId :
MW2

Tgt Ion:264 Resp: 243519

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	21.7	16.9	25.3

