

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
 Data File : BM040107.D
 Acq On : 06 Jun 2023 17:07
 Operator : MA/JU
 Sample : 02986-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-14-0A

Quant Time: Jun 06 18:02:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 16:45:42 2023
 Response via : Initial Calibration

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

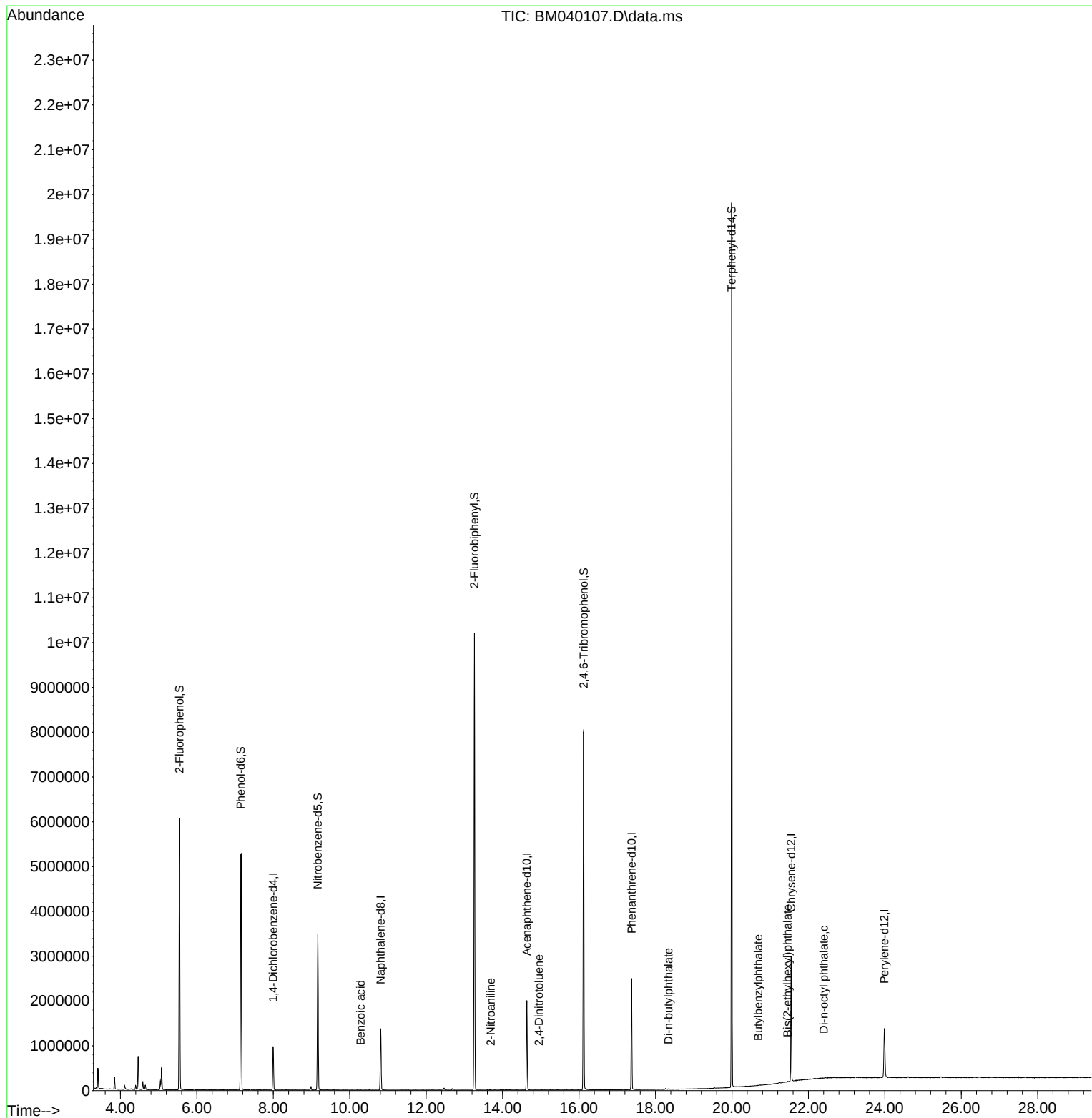
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	262284	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	1113268	20.000	ng	0.00
39) Acenaphthene-d10	14.633	164	612086	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1319140	20.000	ng	0.00
76) Chrysene-d12	21.550	240	1066514	20.000	ng	0.00
86) Perylene-d12	23.991	264	633310	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	2676580	156.536	ng	0.00
7) Phenol-d6	7.151	99	3229381	144.783	ng	0.00
23) Nitrobenzene-d5	9.163	82	1974492	95.704	ng	0.00
42) 2,4,6-Tribromophenol	16.121	330	1472733	185.380	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	4827411	93.024	ng	0.00
79) Terphenyl-d14	19.992	244	8840725	128.709	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.281	122	1190	7.890	ng	# 25
48) 2-Nitroaniline	13.692	65	56	2.565	ng	# 2
57) 2,4-Dinitrotoluene	14.951	165	60	3.753	ng	# 19
74) Di-n-butylphthalate	18.339	149	6977	3.733	ng	# 93
80) Butylbenzylphthalate	20.686	149	619	4.849	ng	# 83
84) Bis(2-ethylhexyl)phtha...	21.456	149	2479	3.647	ng	# 89
85) Di-n-octyl phthalate	22.403	149	471	6.618	ng	# 1

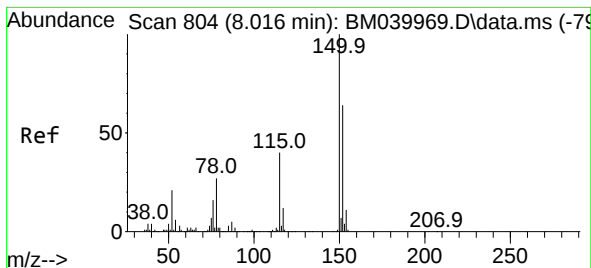
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
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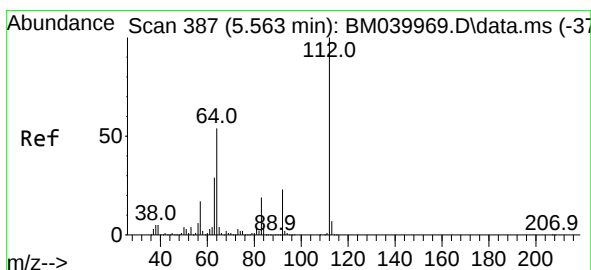
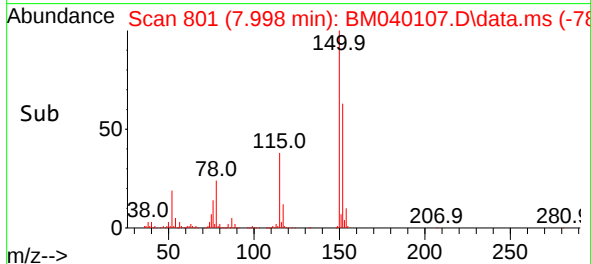
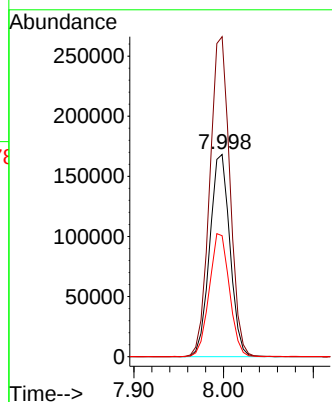
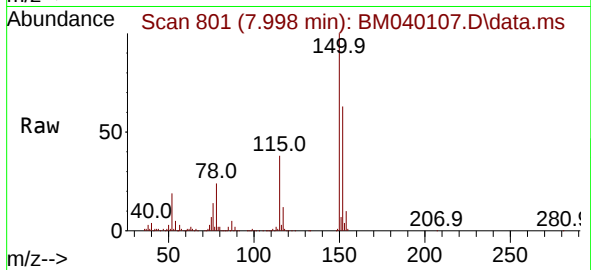




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.998 min Scan# 804
Delta R.T. -0.001 min
Lab File: BM040107.D
Acq: 06 Jun 2023 17:07

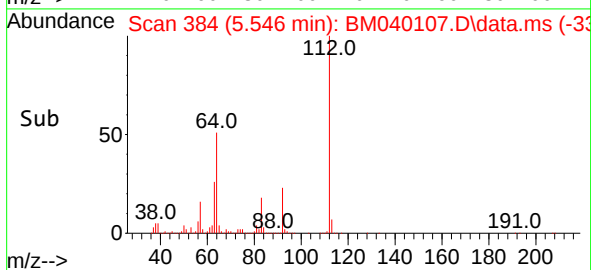
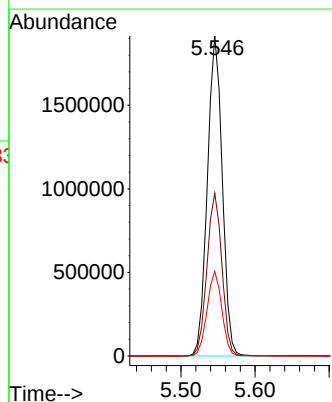
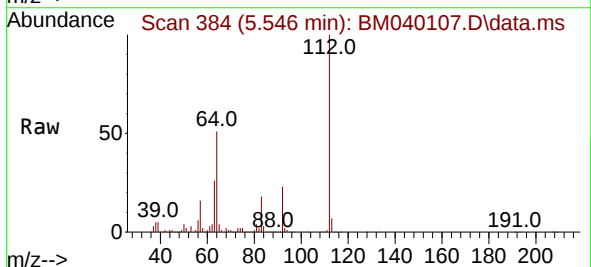
Instrument :
BNA_M
ClientSampleId :
TP-14-0A

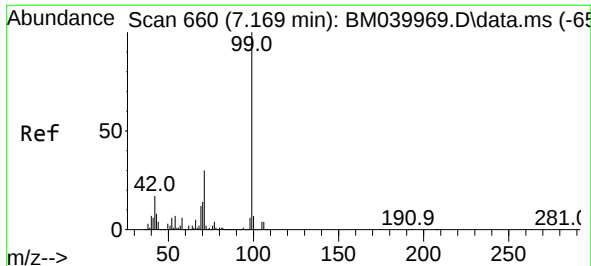
Tgt Ion:152 Resp: 262284
Ion Ratio Lower Upper
152 100
150 158.2 125.5 188.3
115 59.8 50.2 75.2



#5
2-Fluorophenol
Concen: 156.536 ng
RT: 5.546 min Scan# 384
Delta R.T. 0.006 min
Lab File: BM040107.D
Acq: 06 Jun 2023 17:07

Tgt Ion:112 Resp: 2676580
Ion Ratio Lower Upper
112 100
64 50.9 43.0 64.4
63 26.4 22.9 34.3



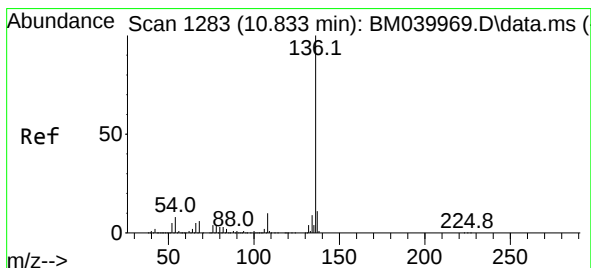
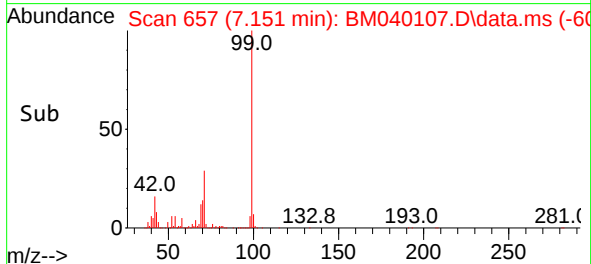
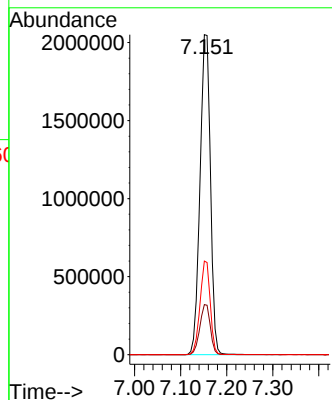
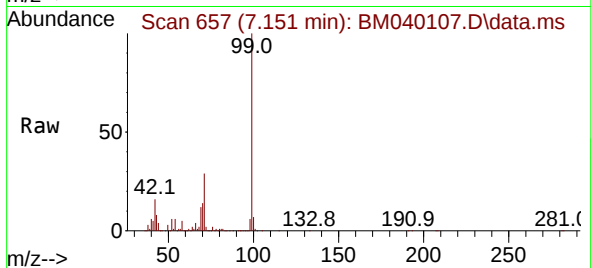


#7
Phenol-d6
Concen: 144.783 ng
RT: 7.151 min Scan# 611
Delta R.T. -0.000 min
Lab File: BM040107.D
Acq: 06 Jun 2023 17:07

Instrument :
BNA_M
ClientSampleId :
TP-14-0A

Tgt Ion: 99 Resp: 3229381

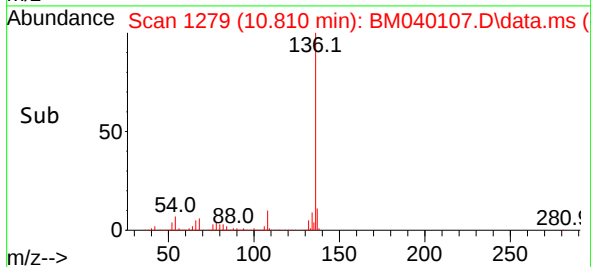
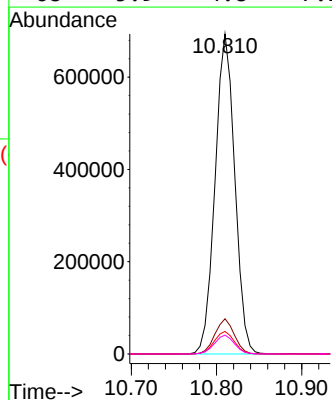
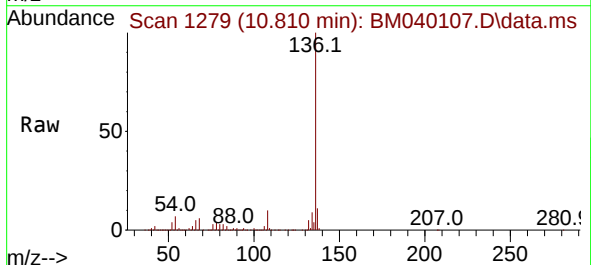
Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.8	20.6
71	29.3	24.4	36.6

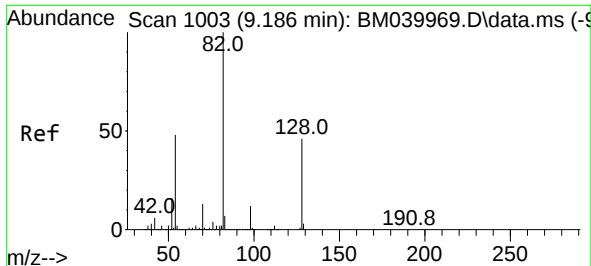


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.810 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BM040107.D
Acq: 06 Jun 2023 17:07

Tgt Ion:136 Resp: 1113268

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.1	6.1	9.1
68	5.9	4.8	7.2

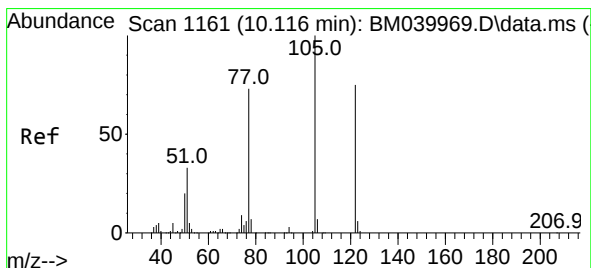
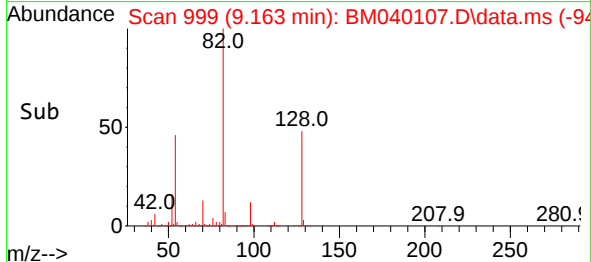
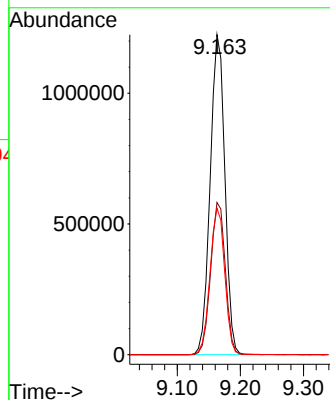
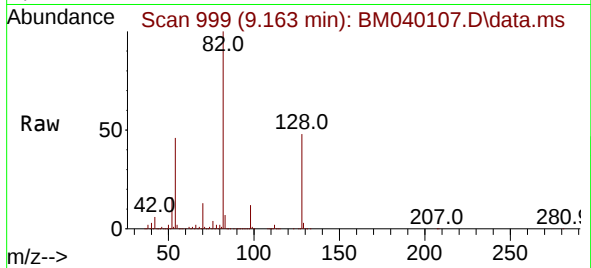




#23
Nitrobenzene-d5
Concen: 95.704 ng
RT: 9.163 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM040107.D
Acq: 06 Jun 2023 17:07

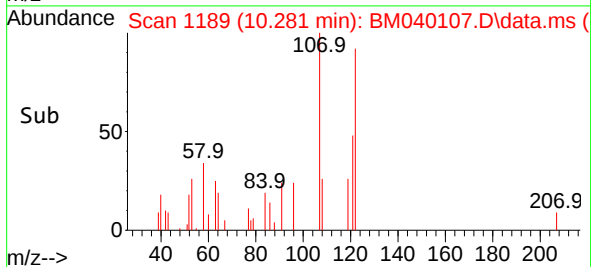
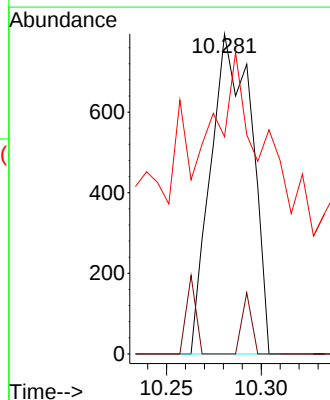
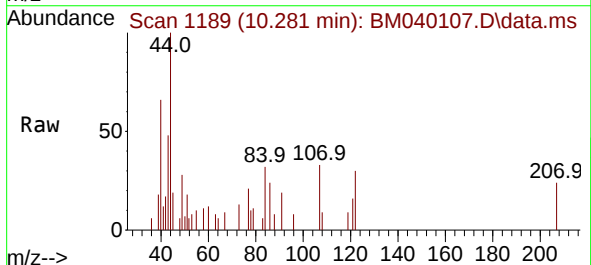
Instrument :
BNA_M
ClientSampleId :
TP-14-0A

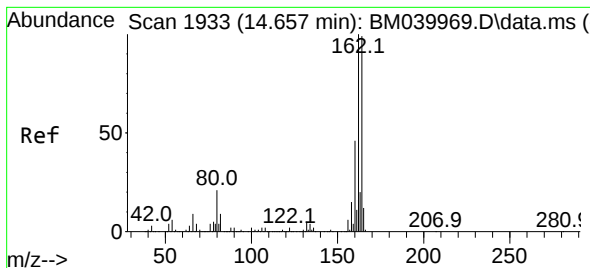
Tgt Ion: 82 Resp: 1974492
Ion Ratio Lower Upper
82 100
128 47.6 36.5 54.7
54 45.8 38.3 57.5



#32
Benzoic acid
Concen: 7.890 ng
RT: 10.281 min Scan# 1189
Delta R.T. 0.164 min
Lab File: BM040107.D
Acq: 06 Jun 2023 17:07

Tgt Ion:122 Resp: 1190
Ion Ratio Lower Upper
122 100
105 0.0 106.0 146.0#
77 67.9 74.7 114.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.633 min Scan# 1933

Delta R.T. -0.000 min

Lab File: BM040107.D

Acq: 06 Jun 2023 17:07

Instrument :

BNA_M

ClientSampleId :

TP-14-0A

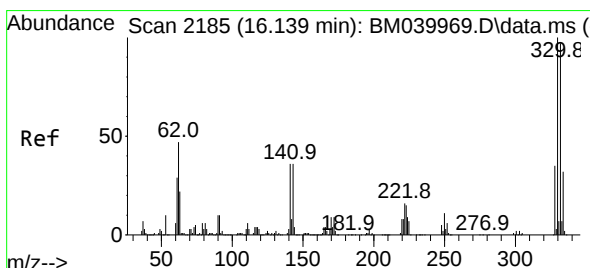
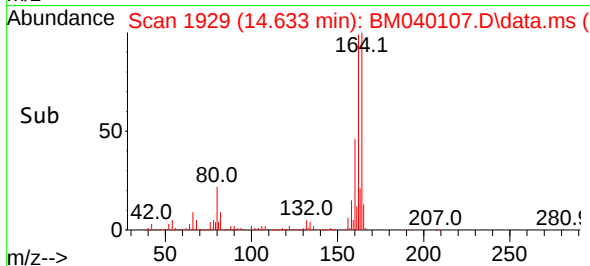
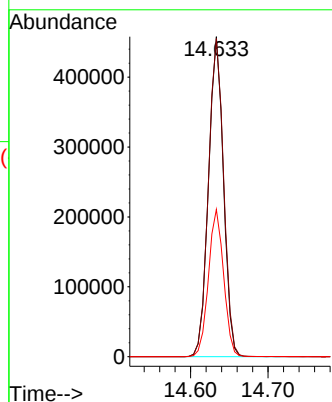
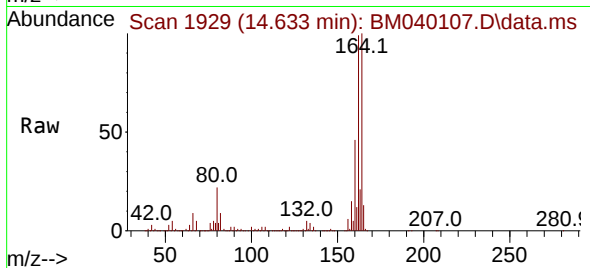
Tgt Ion:164 Resp: 612086

Ion Ratio Lower Upper

164 100

162 99.4 80.6 120.8

160 46.0 36.7 55.1



#42

2,4,6-Tribromophenol

Concen: 185.380 ng

RT: 16.121 min Scan# 2182

Delta R.T. -0.000 min

Lab File: BM040107.D

Acq: 06 Jun 2023 17:07

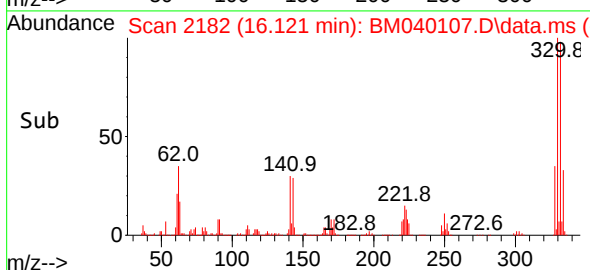
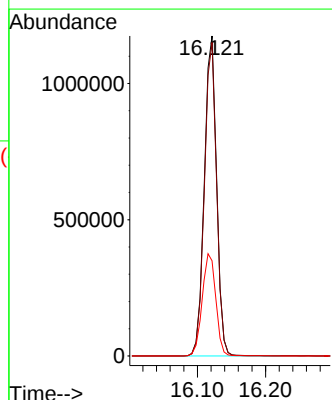
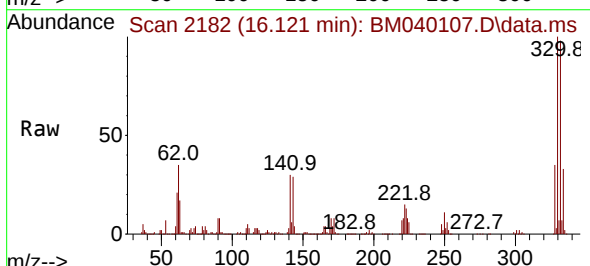
Tgt Ion:330 Resp: 1472733

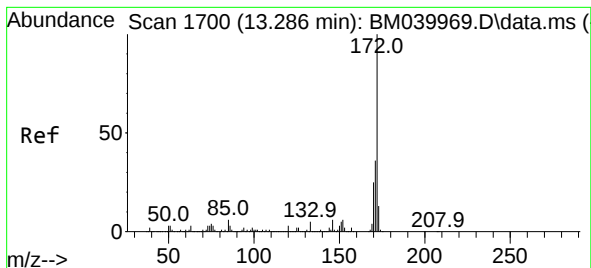
Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.2

141 35.4 31.6 47.4





#45

2-Fluorobiphenyl

Concen: 93.024 ng

RT: 13.263 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM040107.D

Acq: 06 Jun 2023 17:07

Instrument :

BNA_M

ClientSampleId :

TP-14-0A

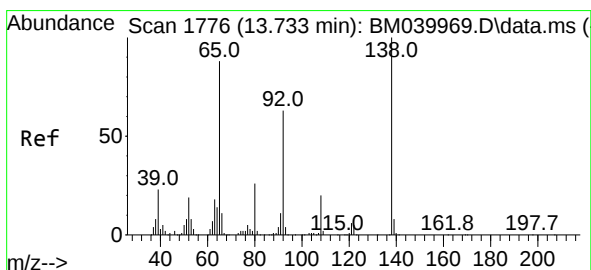
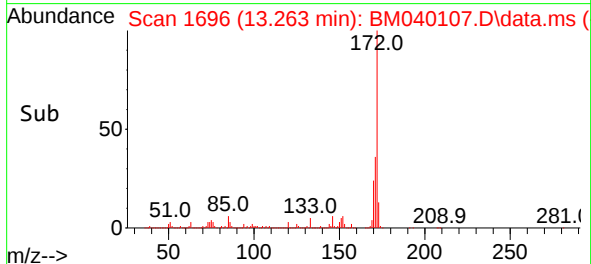
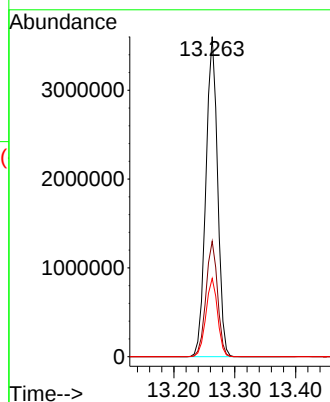
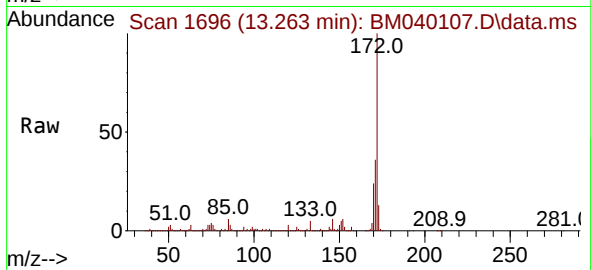
Tgt Ion:172 Resp: 4827411

Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.4 19.6 29.4



#48

2-Nitroaniline

Concen: 2.565 ng

RT: 13.692 min Scan# 1769

Delta R.T. -0.024 min

Lab File: BM040107.D

Acq: 06 Jun 2023 17:07

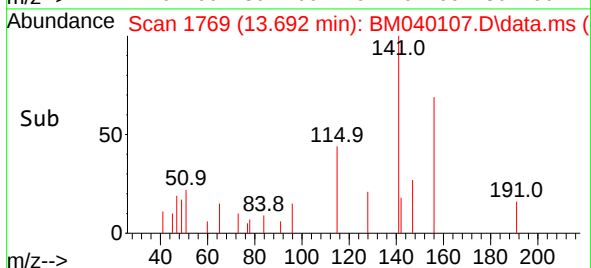
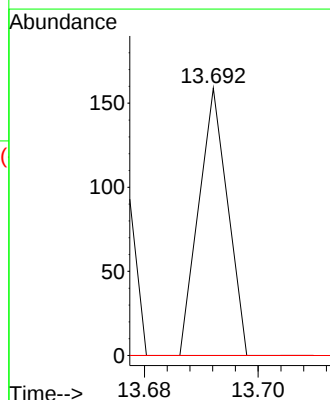
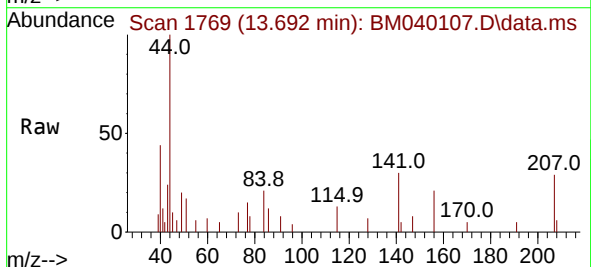
Tgt Ion: 65 Resp: 56

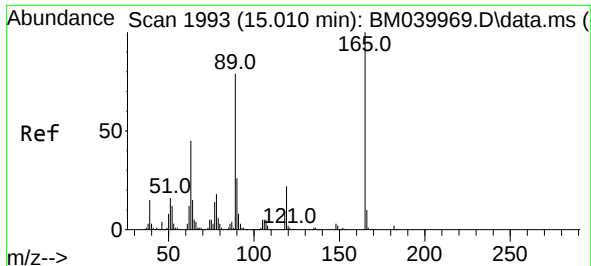
Ion Ratio Lower Upper

65 100

92 0.0 57.0 85.6#

138 0.0 91.1 136.7#





#57

2,4-Dinitrotoluene

Concen: 3.753 ng

RT: 14.951 min Scan# 1993

Delta R.T. -0.041 min

Lab File: BM040107.D

Acq: 06 Jun 2023 17:07

Instrument :

BNA_M

ClientSampleId :

TP-14-0A

Tgt Ion:165 Resp: 60

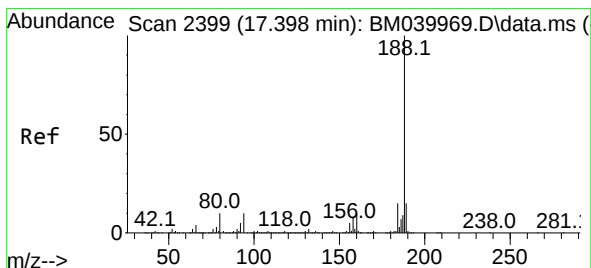
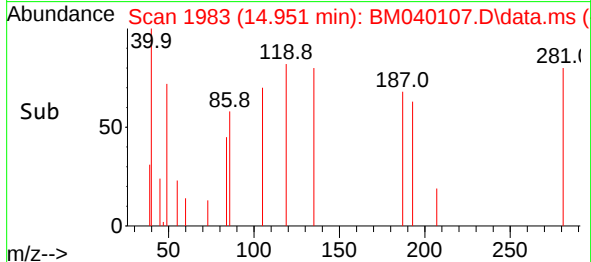
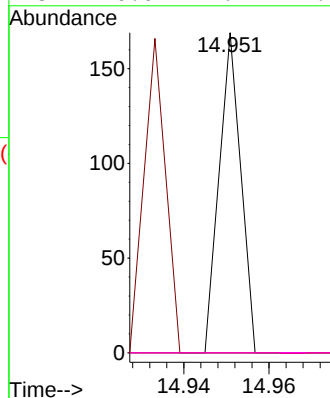
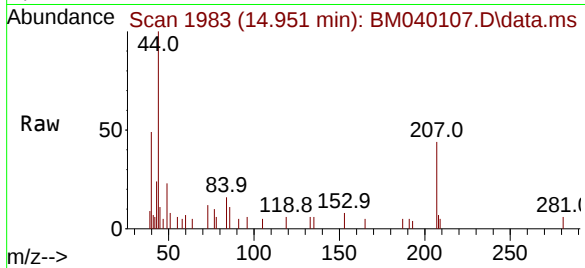
Ion Ratio Lower Upper

165 100

63 0.0 36.2 54.2#

89 0.0 63.4 95.0#

182 0.0 1.9 2.9#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.374 min Scan# 2395

Delta R.T. -0.000 min

Lab File: BM040107.D

Acq: 06 Jun 2023 17:07

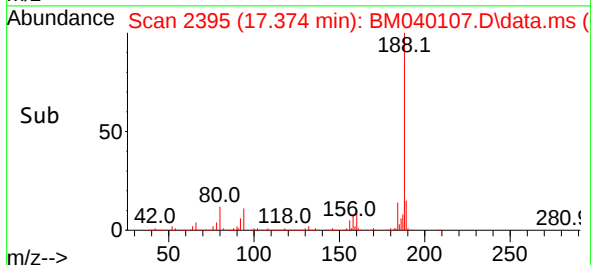
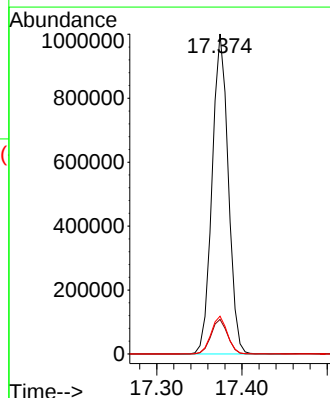
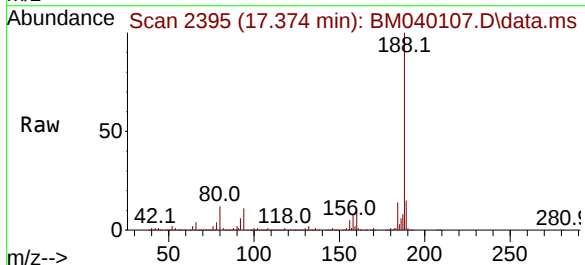
Tgt Ion:188 Resp: 1319140

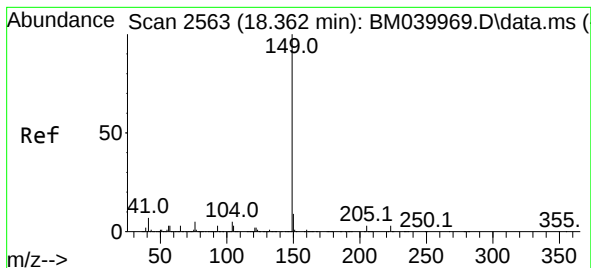
Ion Ratio Lower Upper

188 100

94 10.8 7.8 11.8

80 11.8 8.2 12.4





#74

Di-n-butylphthalate

Concen: 3.733 ng

RT: 18.339 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040107.D

Acq: 06 Jun 2023 17:07

Instrument :

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ClientSampleId :

TP-14-0A

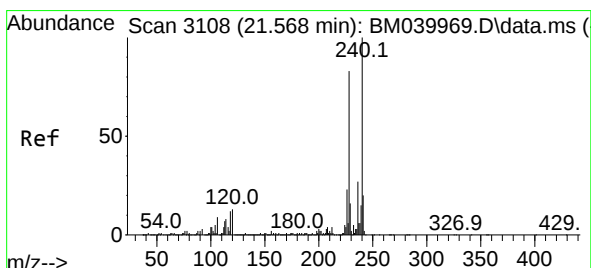
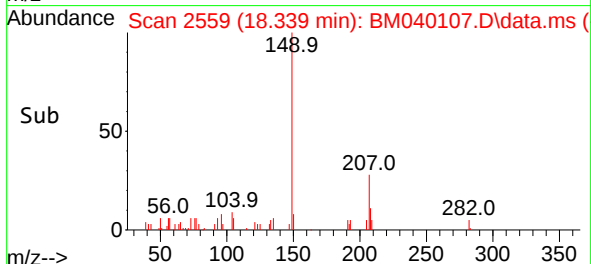
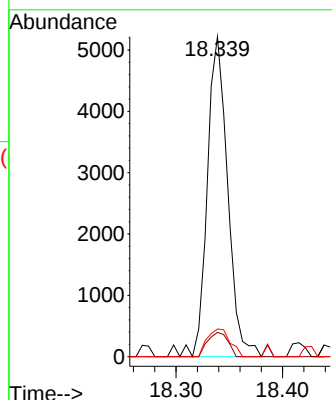
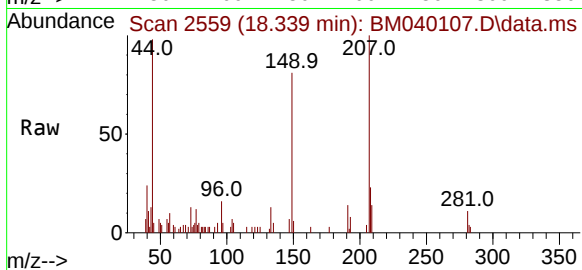
Tgt Ion:149 Resp: 6977

Ion Ratio Lower Upper

149 100

150 7.6 7.4 11.2

104 8.6 4.2 6.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.550 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BM040107.D

Acq: 06 Jun 2023 17:07

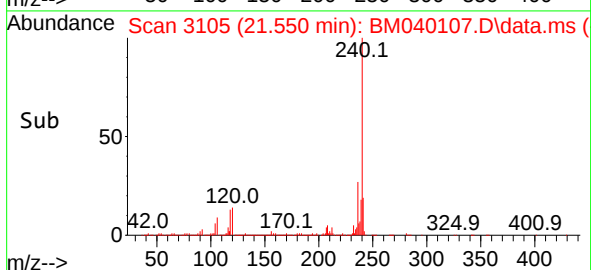
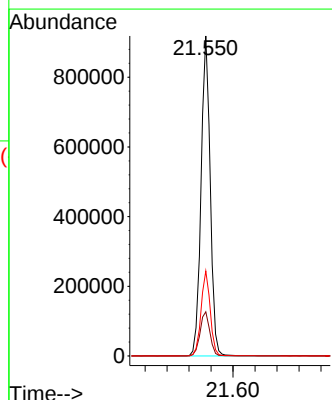
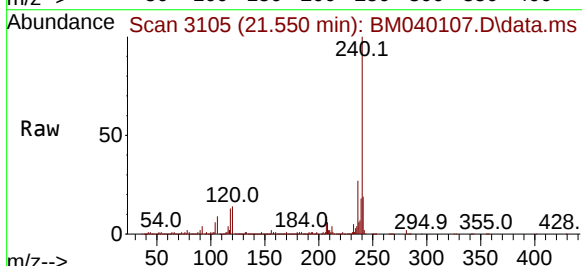
Tgt Ion:240 Resp: 1066514

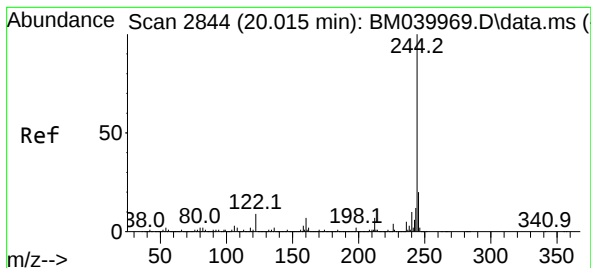
Ion Ratio Lower Upper

240 100

120 13.8 10.1 15.1

236 26.5 21.3 31.9





#79

Terphenyl-d14

Concen: 128.709 ng

RT: 19.992 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040107.D

Acq: 06 Jun 2023 17:07

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TP-14-0A

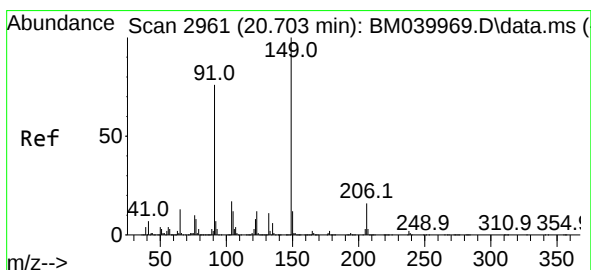
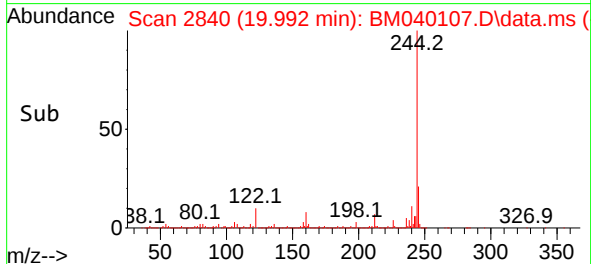
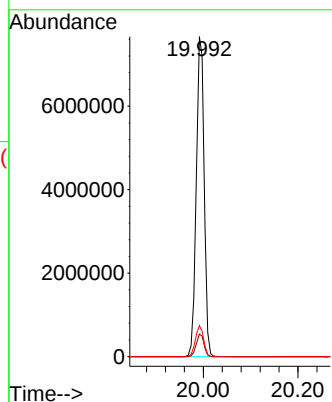
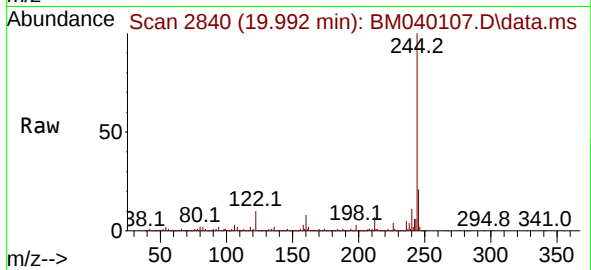
Tgt Ion:244 Resp: 8840725

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 9.7 7.1 10.7



#80

Butylbenzylphthalate

Concen: 4.849 ng

RT: 20.686 min Scan# 2958

Delta R.T. -0.000 min

Lab File: BM040107.D

Acq: 06 Jun 2023 17:07

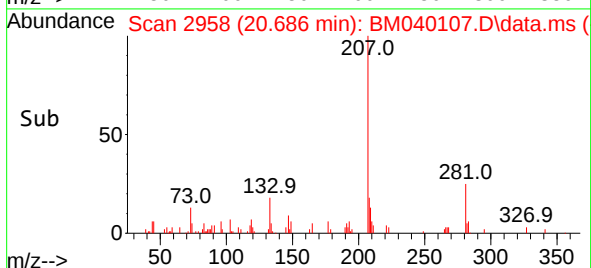
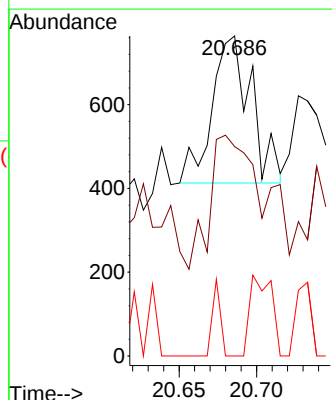
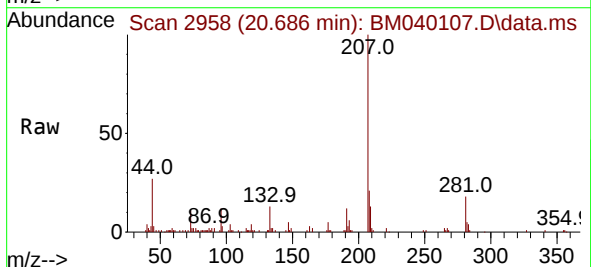
Tgt Ion:149 Resp: 619

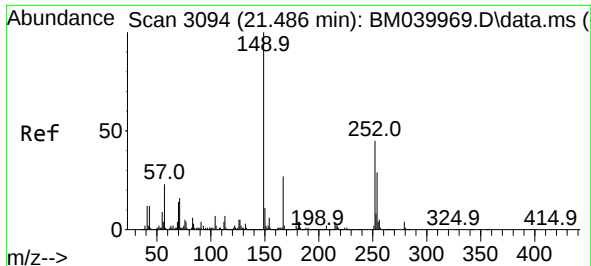
Ion Ratio Lower Upper

149 100

91 65.4 61.0 91.4

206 0.0 12.7 19.1#

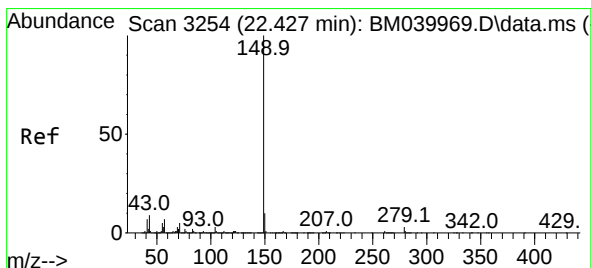
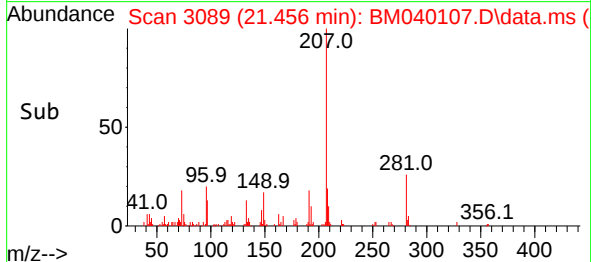
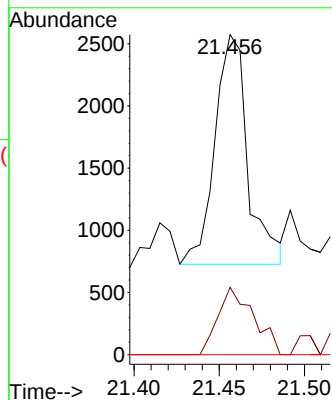
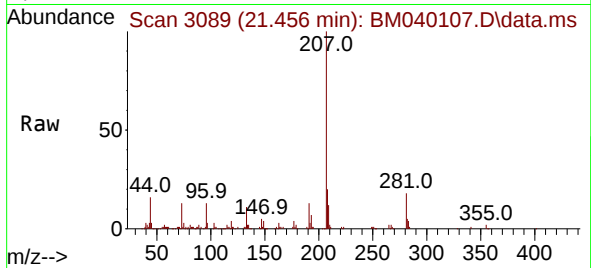




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.647 ng
 RT: 21.456 min Scan# 3094
 Delta R.T. -0.006 min
 Lab File: BM040107.D
 Acq: 06 Jun 2023 17:07

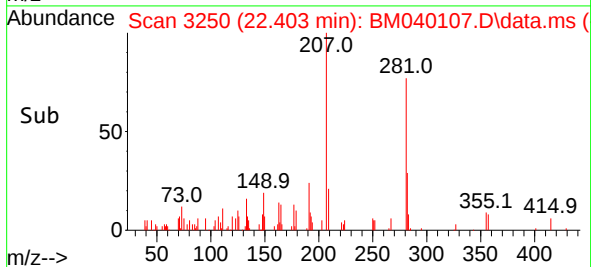
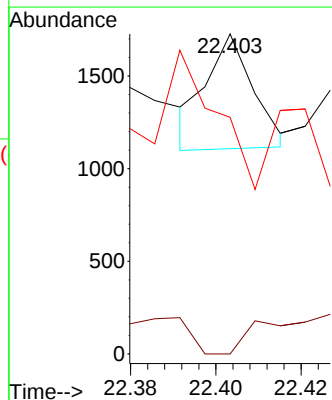
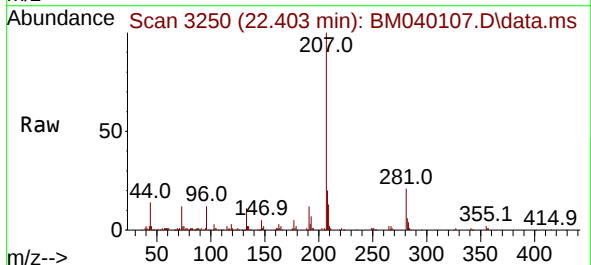
Instrument :
 BNA_M
 ClientSampleId :
 TP-14-0A

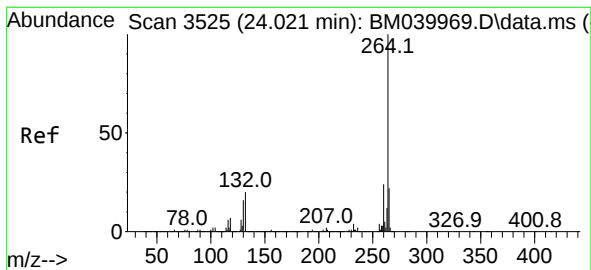
Tgt Ion:149 Resp: 2479
 Ion Ratio Lower Upper
 149 100
 167 21.1 21.4 32.2#
 279 0.0 3.3 4.9#



#85
 Di-n-octyl phthalate
 Concen: 6.618 ng
 RT: 22.403 min Scan# 3250
 Delta R.T. -0.000 min
 Lab File: BM040107.D
 Acq: 06 Jun 2023 17:07

Tgt Ion:149 Resp: 471
 Ion Ratio Lower Upper
 149 100
 167 53.7 1.1 1.7#
 43 186.6 7.4 11.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.991 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BM040107.D
 Acq: 06 Jun 2023 17:07

Instrument :
 BNA_M
 ClientSampleId :
 TP-14-0A

Tgt Ion:264 Resp: 633310
 Ion Ratio Lower Upper
 264 100
 260 25.9 19.5 29.3
 265 20.8 17.7 26.5

