

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051123\
 Data File : BM039911.D
 Acq On : 11 May 2023 23:37
 Operator : CG/JU
 Sample : PB152628BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB152628BL

Quant Time: May 12 03:32:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 02:40:29 2023
 Response via : Initial Calibration

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

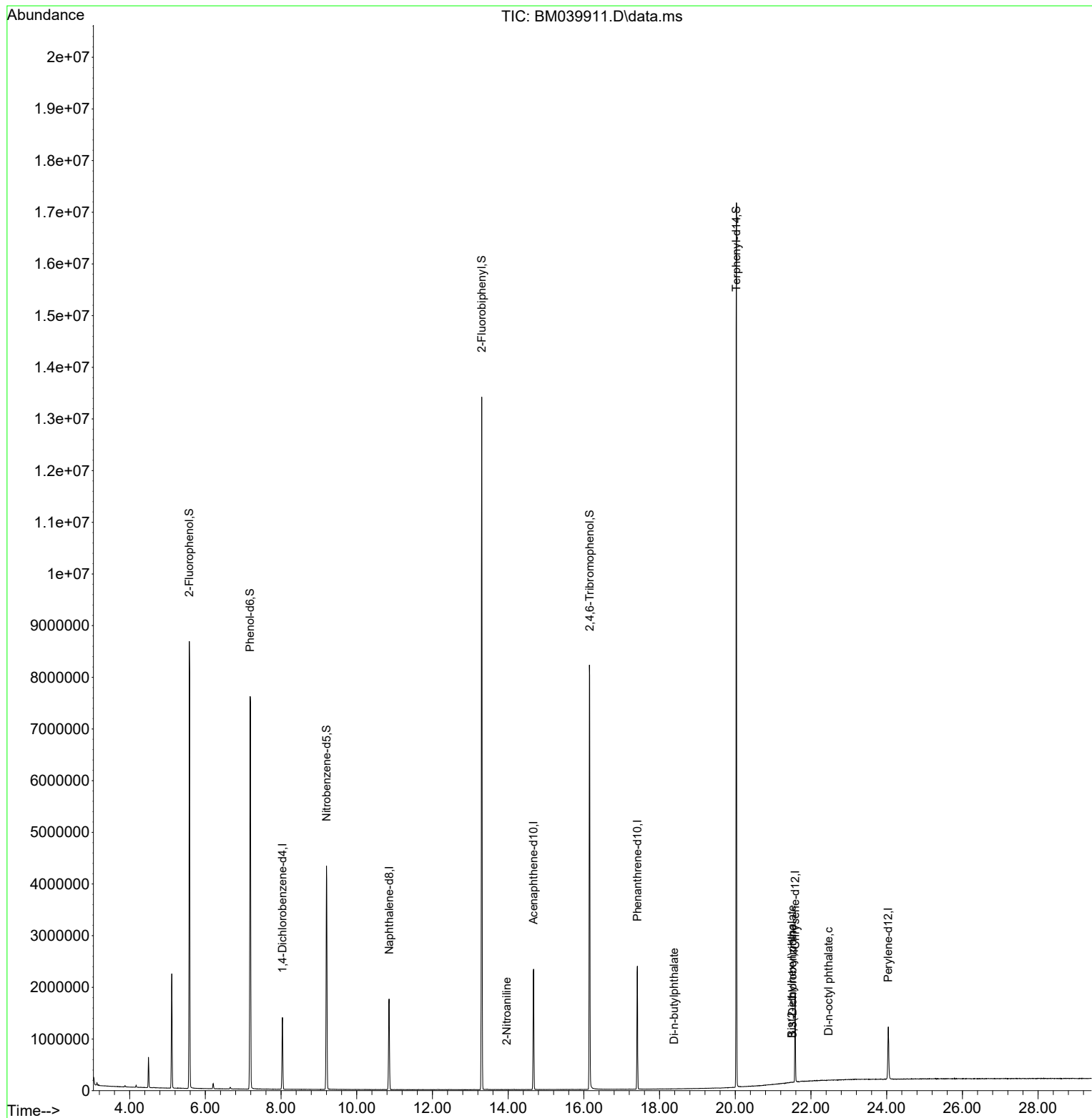
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	360448	20.000	ng	0.00
21) Naphthalene-d8	10.854	136	1435420	20.000	ng	0.00
39) Acenaphthene-d10	14.671	164	747647	20.000	ng	0.00
64) Phenanthrene-d10	17.412	188	1292824	20.000	ng	0.00
76) Chrysene-d12	21.583	240	688533	20.000	ng	0.00
86) Perylene-d12	24.041	264	653361	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.578	112	3766744	166.426	ng	0.00
7) Phenol-d6	7.184	99	4424863	150.007	ng	0.00
23) Nitrobenzene-d5	9.201	82	2449331	100.493	ng	0.00
42) 2,4,6-Tribromophenol	16.154	330	1496514	116.358	ng	0.00
45) 2-Fluorobiphenyl	13.301	172	6355369	102.459	ng	0.00
79) Terphenyl-d14	20.030	244	7024071	153.402	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.184	77	10336	Below Cal	#	11
48) 2-Nitroaniline	13.966	65	62	5.587 ng	#	1
74) Di-n-butylphthalate	18.383	149	1790	6.394 ng	#	77
82) 3,3'-Dichlorobenzidine	21.512	252	60	5.243 ng	#	25
84) Bis(2-ethylhexyl)phtha...	21.495	149	420	6.965 ng	#	55
85) Di-n-octyl phthalate	22.465	149	201	5.448 ng	#	1

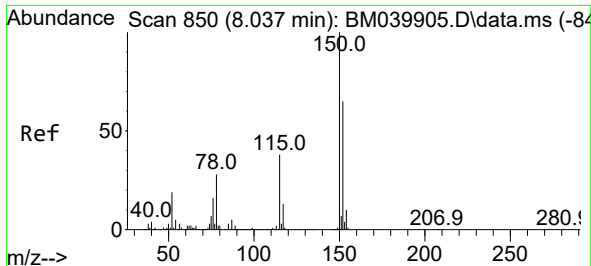
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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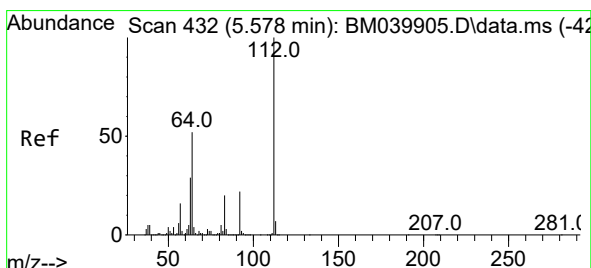
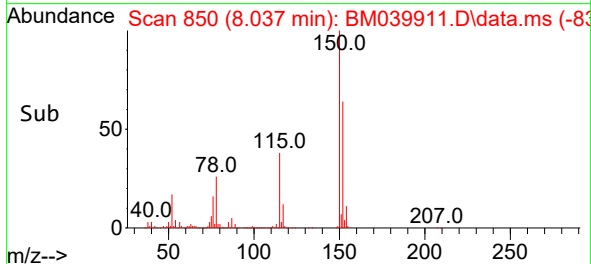
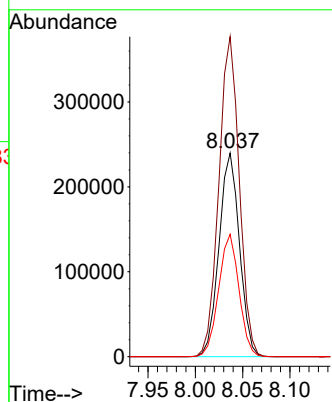
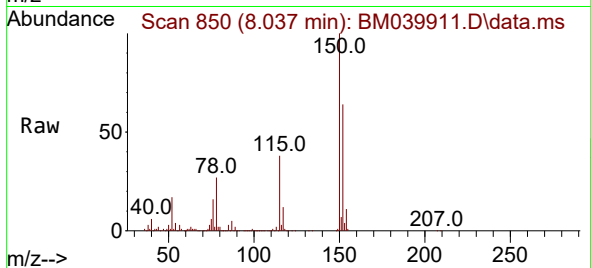




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.037 min Scan# 811
Delta R.T. -0.000 min
Lab File: BM039911.D
Acq: 11 May 2023 23:37

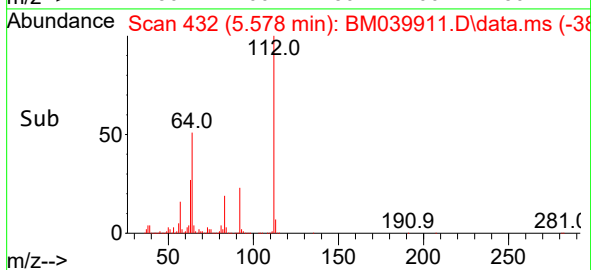
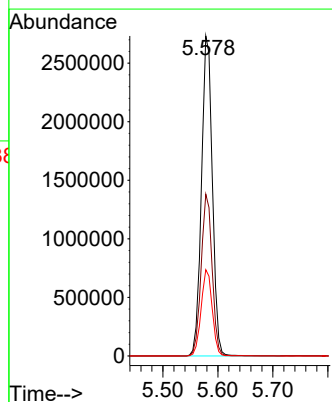
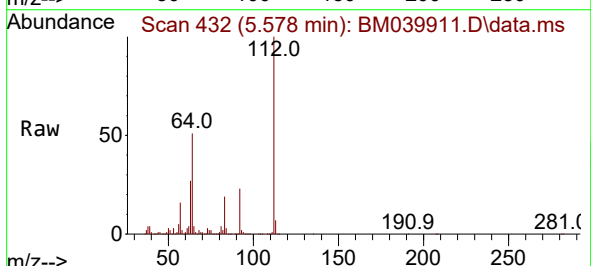
Instrument :
BNA_M
ClientSampleId :
PB152628BL

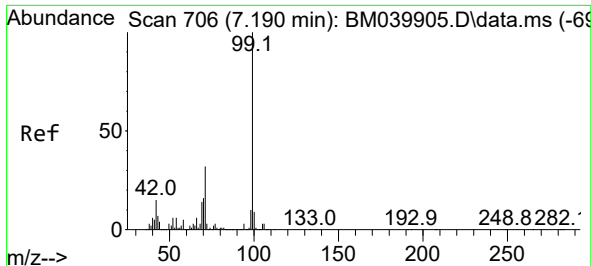
Tgt Ion:152 Resp: 360448
Ion Ratio Lower Upper
152 100
150 157.1 122.3 183.5
115 60.1 46.8 70.2



#5
2-Fluorophenol
Concen: 166.426 ng
RT: 5.578 min Scan# 432
Delta R.T. 0.000 min
Lab File: BM039911.D
Acq: 11 May 2023 23:37

Tgt Ion:112 Resp: 3766744
Ion Ratio Lower Upper
112 100
64 50.6 41.8 62.6
63 27.0 23.0 34.4

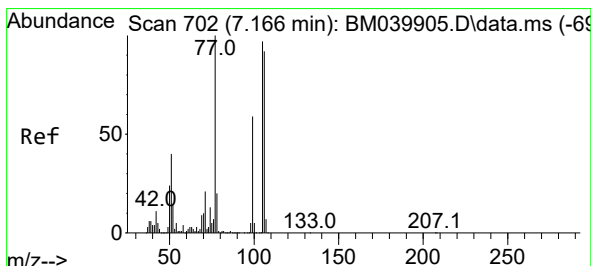
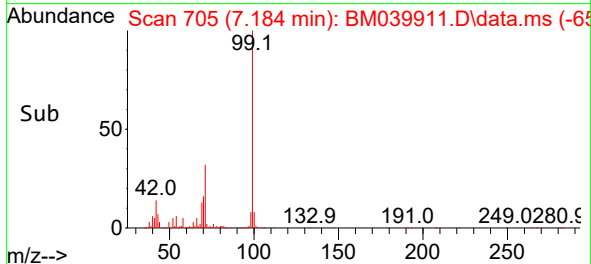
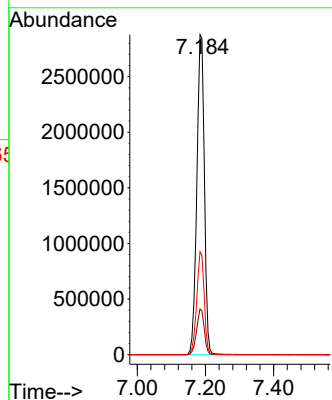
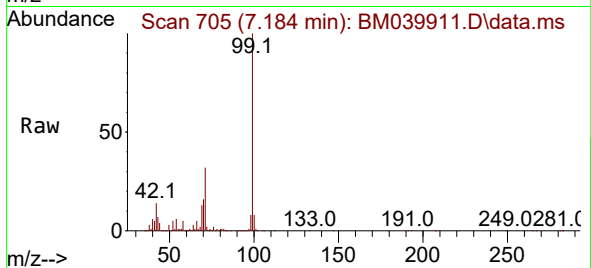




#7
Phenol-d6
Concen: 150.007 ng
RT: 7.184 min Scan# 705
Delta R.T. -0.006 min
Lab File: BM039911.D
Acq: 11 May 2023 23:37

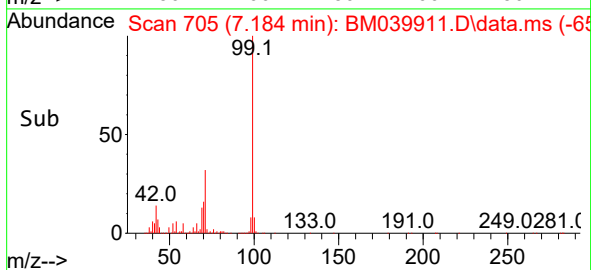
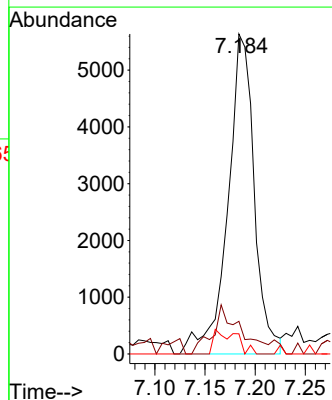
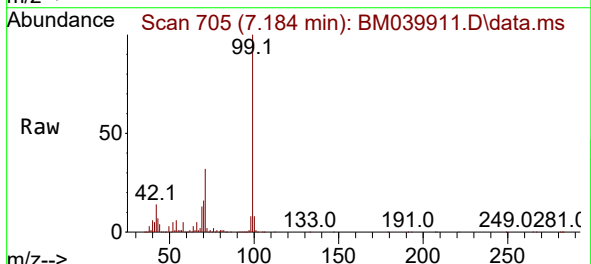
Instrument :
BNA_M
ClientSampleId :
PB152628BL

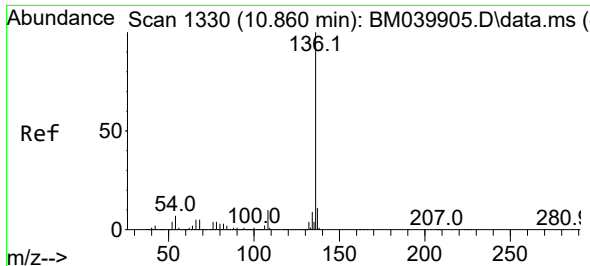
Tgt Ion: 99 Resp: 4424863
Ion Ratio Lower Upper
99 100
42 14.3 12.1 18.1
71 32.2 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 7.184 min Scan# 705
Delta R.T. 0.018 min
Lab File: BM039911.D
Acq: 11 May 2023 23:37

Tgt Ion: 77 Resp: 10336
Ion Ratio Lower Upper
77 100
105 10.2 76.9 116.9#
106 6.3 71.9 111.9#

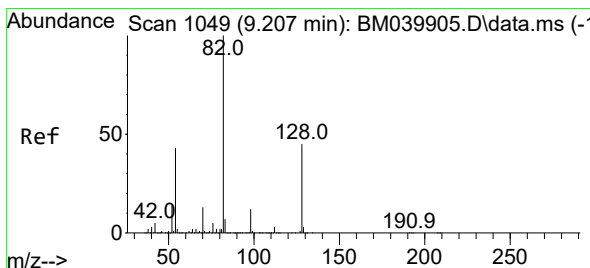
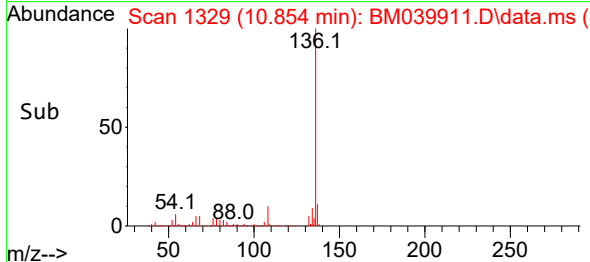
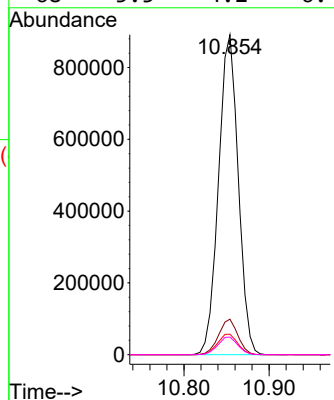
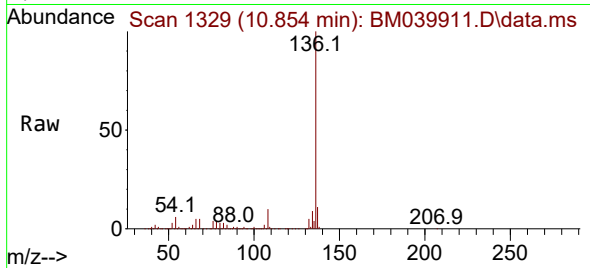




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.854 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039911.D
Acq: 11 May 2023 23:37

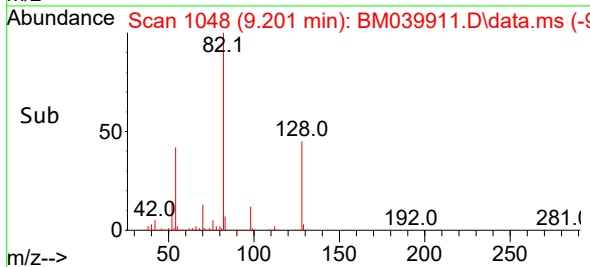
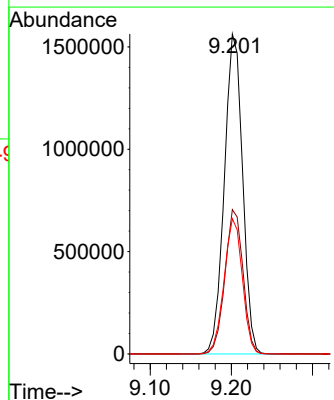
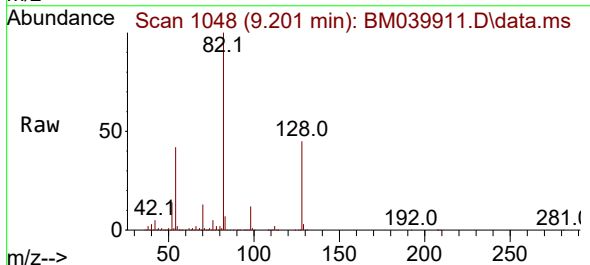
Instrument :
BNA_M
ClientSampleId :
PB152628BL

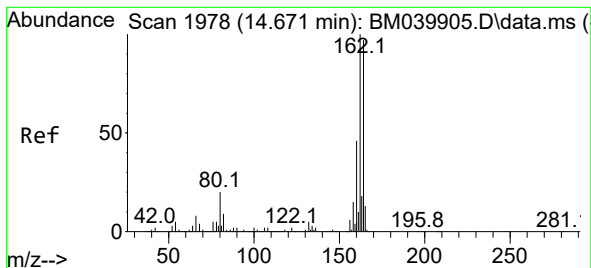
Tgt Ion:136 Resp: 1435420
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 6.4 5.3 7.9
68 5.5 4.2 6.4



#23
Nitrobenzene-d5
Concen: 100.493 ng
RT: 9.201 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BM039911.D
Acq: 11 May 2023 23:37

Tgt Ion: 82 Resp: 2449331
Ion Ratio Lower Upper
82 100
128 45.1 35.9 53.9
54 42.3 34.2 51.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.671 min Scan# 1978

Delta R.T. 0.000 min

Lab File: BM039911.D

Acq: 11 May 2023 23:37

Instrument :

BNA_M

ClientSampleId :

PB152628BL

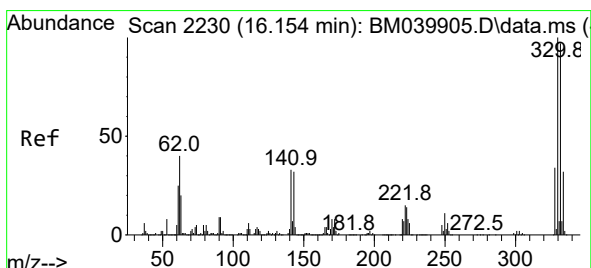
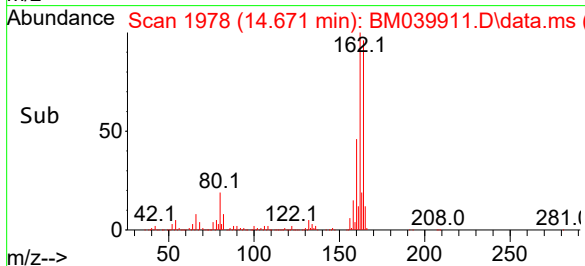
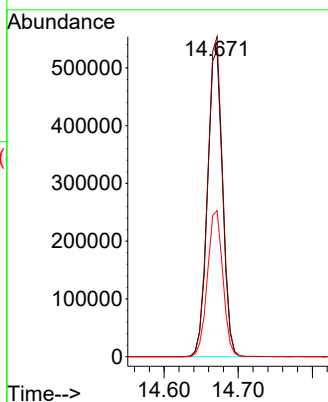
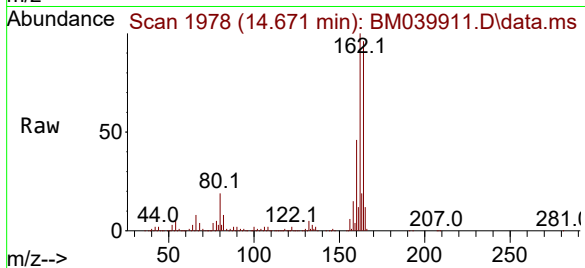
Tgt Ion:164 Resp: 747647

Ion Ratio Lower Upper

164 100

162 104.5 82.4 123.6

160 47.7 37.8 56.6



#42

2,4,6-Tribromophenol

Concen: 116.358 ng

RT: 16.154 min Scan# 2230

Delta R.T. -0.000 min

Lab File: BM039911.D

Acq: 11 May 2023 23:37

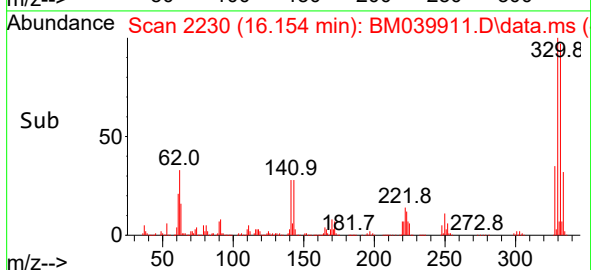
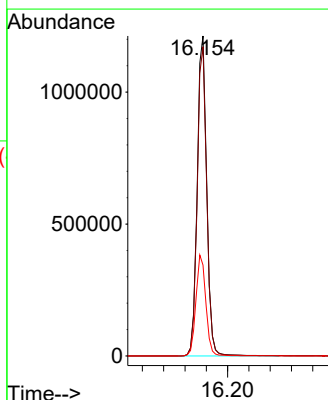
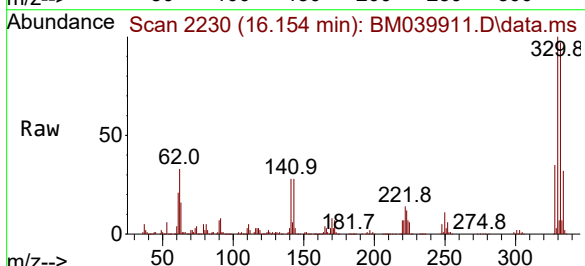
Tgt Ion:330 Resp: 1496514

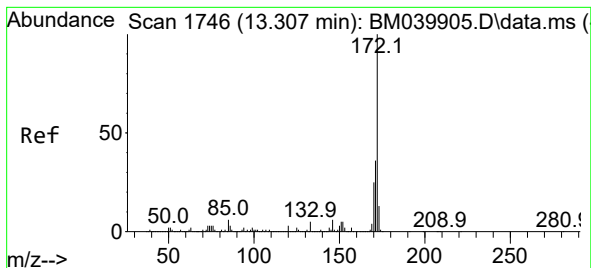
Ion Ratio Lower Upper

330 100

332 96.4 77.9 116.9

141 33.1 26.5 39.7





#45

2-Fluorobiphenyl

Concen: 102.459 ng

RT: 13.301 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039911.D

Acq: 11 May 2023 23:37

Instrument :

BNA_M

ClientSampleId :

PB152628BL

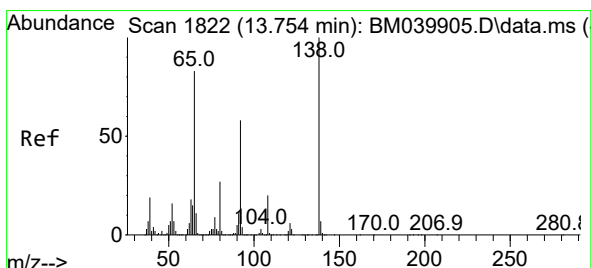
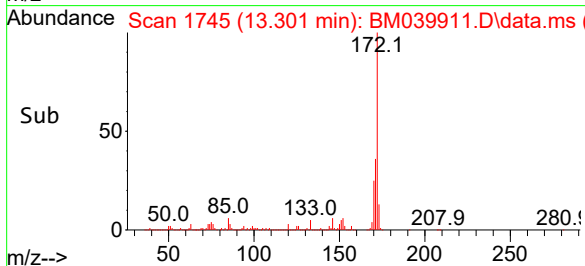
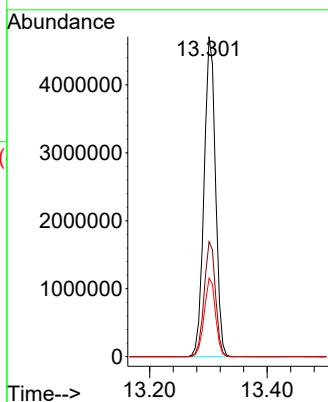
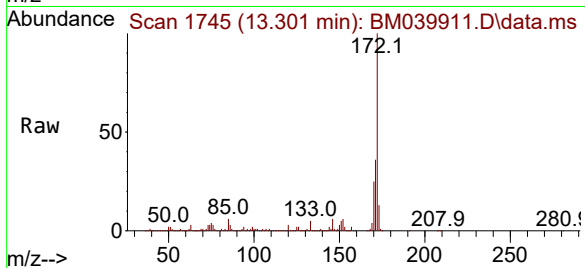
Tgt Ion:172 Resp: 6355369

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

170 24.5 19.8 29.8



#48

2-Nitroaniline

Concen: 5.587 ng

RT: 13.966 min Scan# 1858

Delta R.T. 0.212 min

Lab File: BM039911.D

Acq: 11 May 2023 23:37

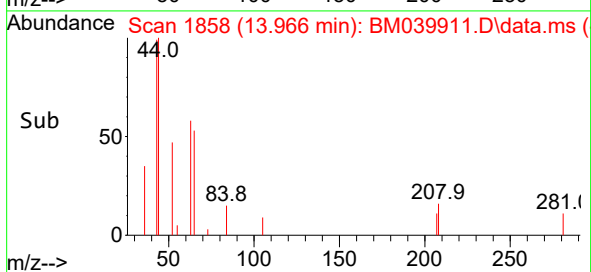
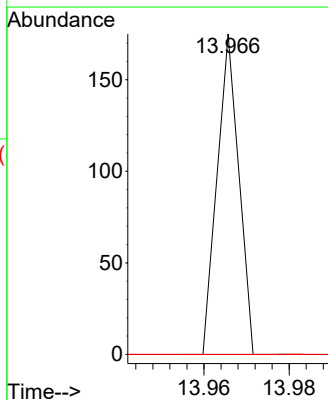
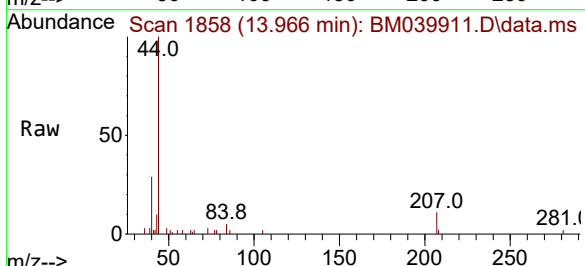
Tgt Ion: 65 Resp: 62

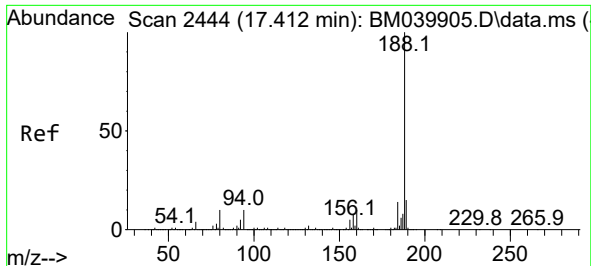
Ion Ratio Lower Upper

65 100

92 0.0 56.3 84.5#

138 0.0 96.6 145.0#

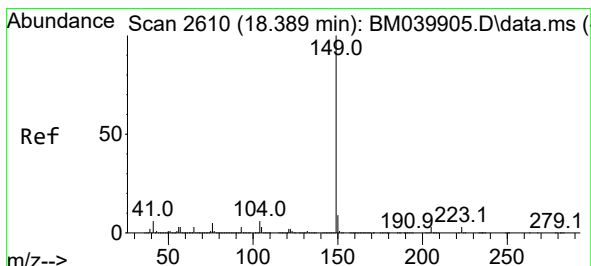
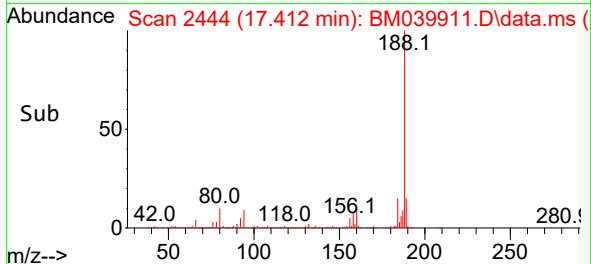
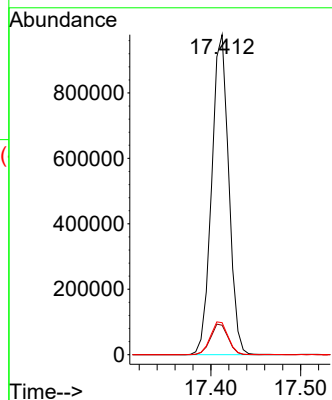
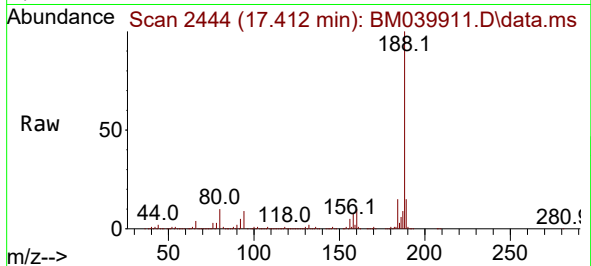




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.412 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM039911.D
Acq: 11 May 2023 23:37

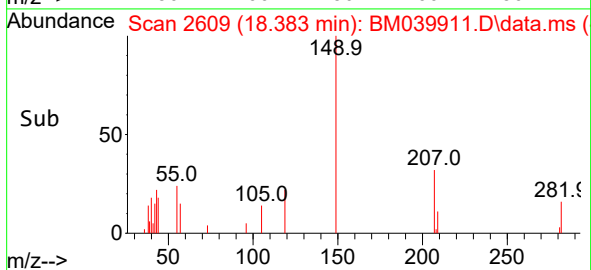
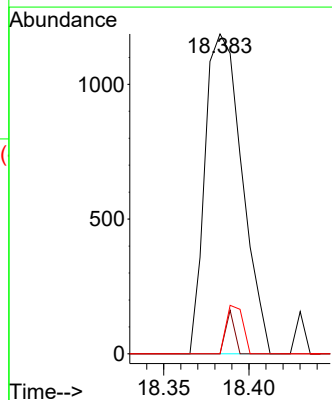
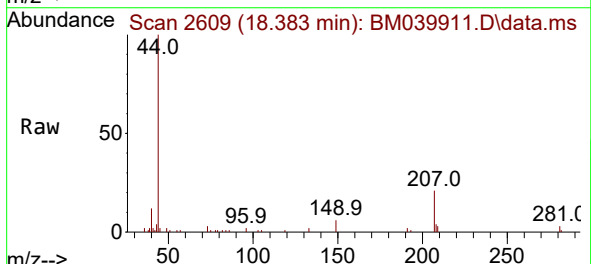
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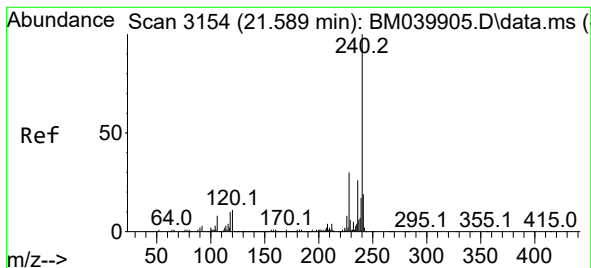
Tgt Ion:188 Resp: 1292824
Ion Ratio Lower Upper
188 100
94 9.2 7.7 11.5
80 10.0 8.1 12.1



#74
Di-n-butylphthalate
Concen: 6.394 ng
RT: 18.383 min Scan# 2609
Delta R.T. -0.006 min
Lab File: BM039911.D
Acq: 11 May 2023 23:37

Tgt Ion:149 Resp: 1790
Ion Ratio Lower Upper
149 100
150 0.0 7.5 11.3#
104 0.0 4.6 7.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.583 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039911.D

Acq: 11 May 2023 23:37

Instrument :

BNA_M

ClientSampleId :

PB152628BL

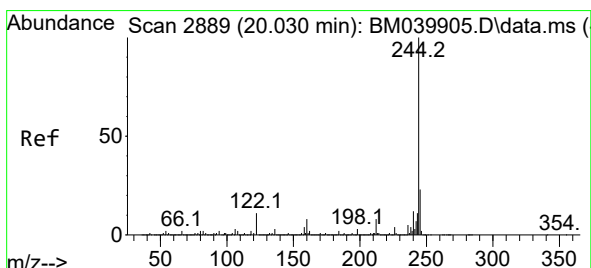
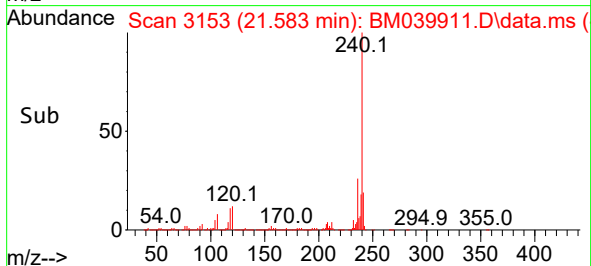
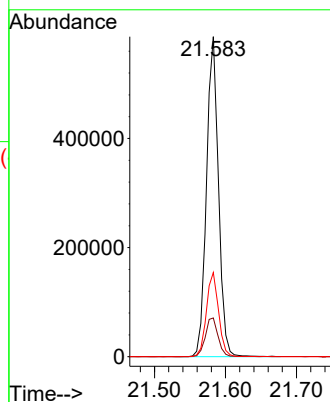
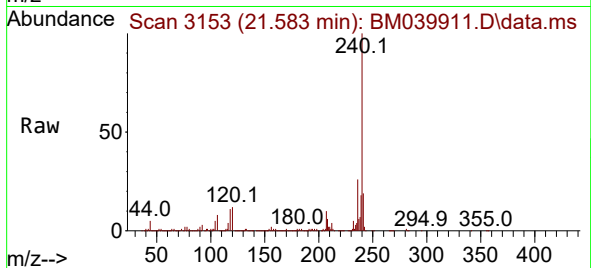
Tgt Ion:240 Resp: 688533

Ion Ratio Lower Upper

240 100

120 12.1 8.6 13.0

236 26.3 21.0 31.4



#79

Terphenyl-d14

Concen: 153.402 ng

RT: 20.030 min Scan# 2889

Delta R.T. 0.000 min

Lab File: BM039911.D

Acq: 11 May 2023 23:37

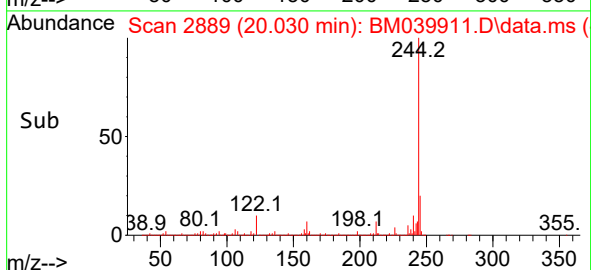
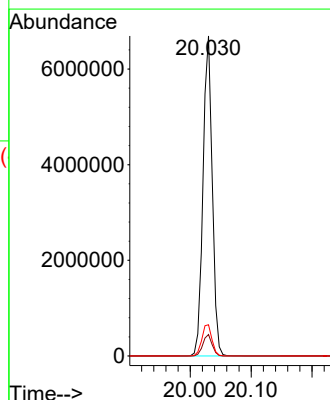
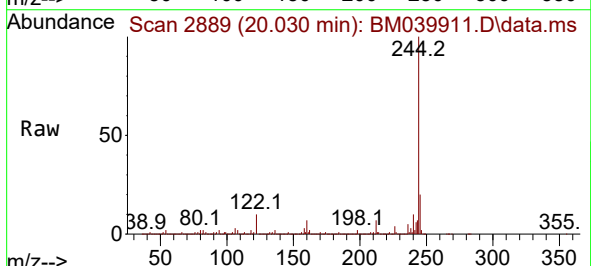
Tgt Ion:244 Resp: 7024071

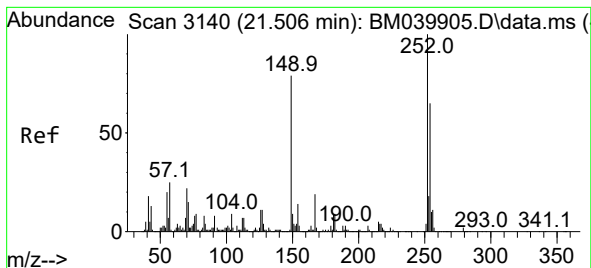
Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

122 9.8 8.7 13.1





#82

3,3'-Dichlorobenzidine

Concen: 5.243 ng

RT: 21.512 min Scan# 3141

Delta R.T. 0.006 min

Lab File: BM039911.D

Acq: 11 May 2023 23:37

Instrument :

BNA_M

ClientSampleId :

PB152628BL

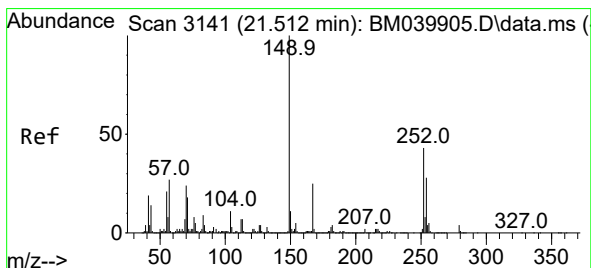
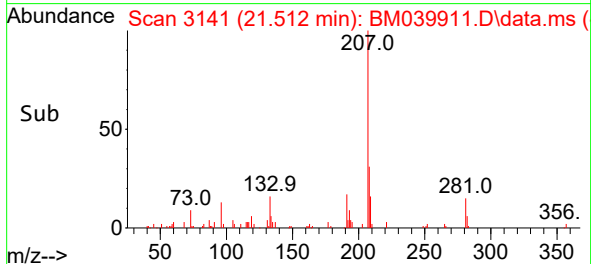
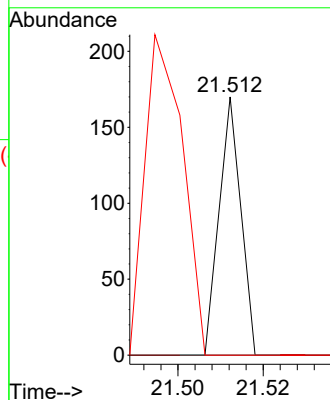
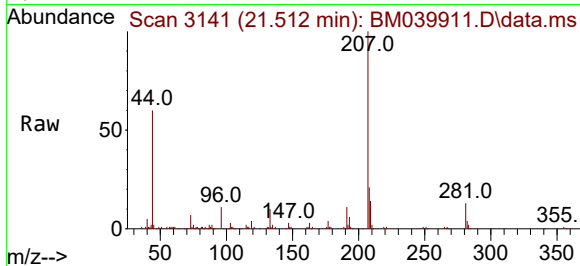
Tgt Ion:252 Resp: 60

Ion Ratio Lower Upper

252 100

254 0.0 52.1 78.1#

126 0.0 9.0 13.4#



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.965 ng

RT: 21.495 min Scan# 3138

Delta R.T. -0.017 min

Lab File: BM039911.D

Acq: 11 May 2023 23:37

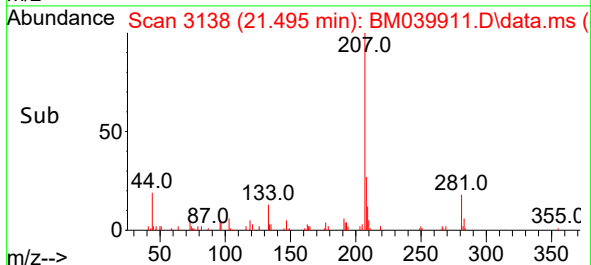
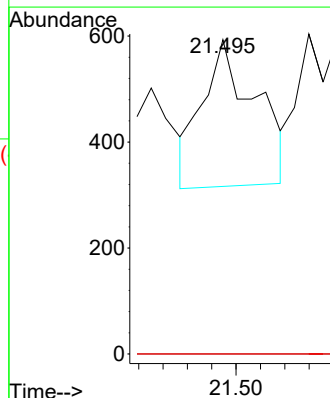
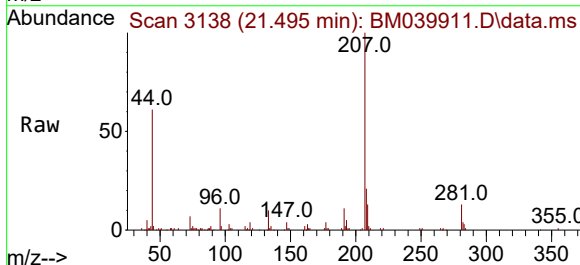
Tgt Ion:149 Resp: 420

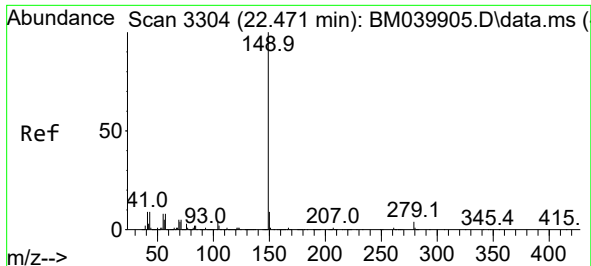
Ion Ratio Lower Upper

149 100

167 0.0 20.2 30.4#

279 0.0 2.9 4.3#

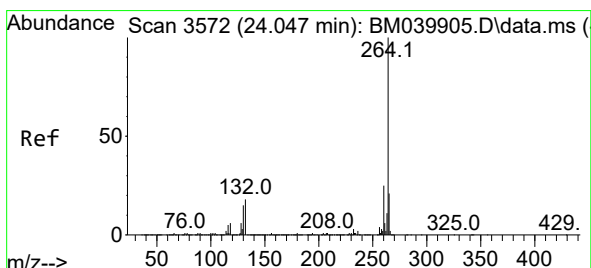
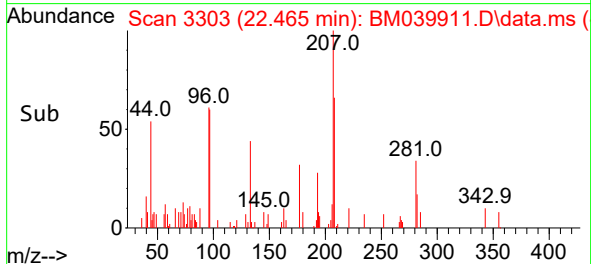
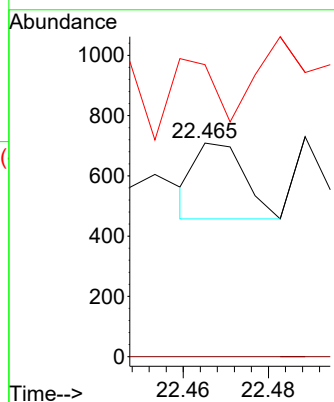
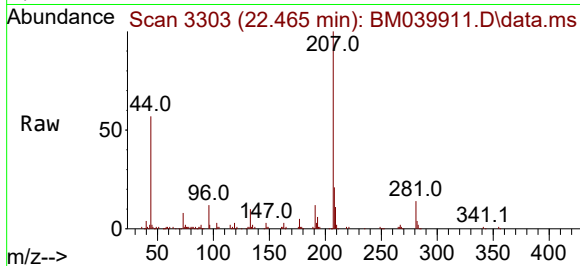




#85
Di-n-octyl phthalate
Concen: 5.448 ng
RT: 22.465 min Scan# 311
Delta R.T. -0.006 min
Lab File: BM039911.D
Acq: 11 May 2023 23:37

Instrument :
BNA_M
ClientSampleId :
PB152628BL

Tgt Ion:149 Resp: 201
Ion Ratio Lower Upper
149 100
167 0.0 1.1 1.7#
43 102.0 9.3 13.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.041 min Scan# 3571
Delta R.T. -0.006 min
Lab File: BM039911.D
Acq: 11 May 2023 23:37

Tgt Ion:264 Resp: 653361
Ion Ratio Lower Upper
264 100
260 24.8 19.8 29.6
265 21.3 17.2 25.8

