

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
 Data File : BP013615.D
 Acq On : 27 Jan 2023 13:32
 Operator : CG/JU
 Sample : 01221-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-1-0118

Quant Time: Jan 29 23:49:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 27 03:27:54 2023
 Response via : Initial Calibration

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

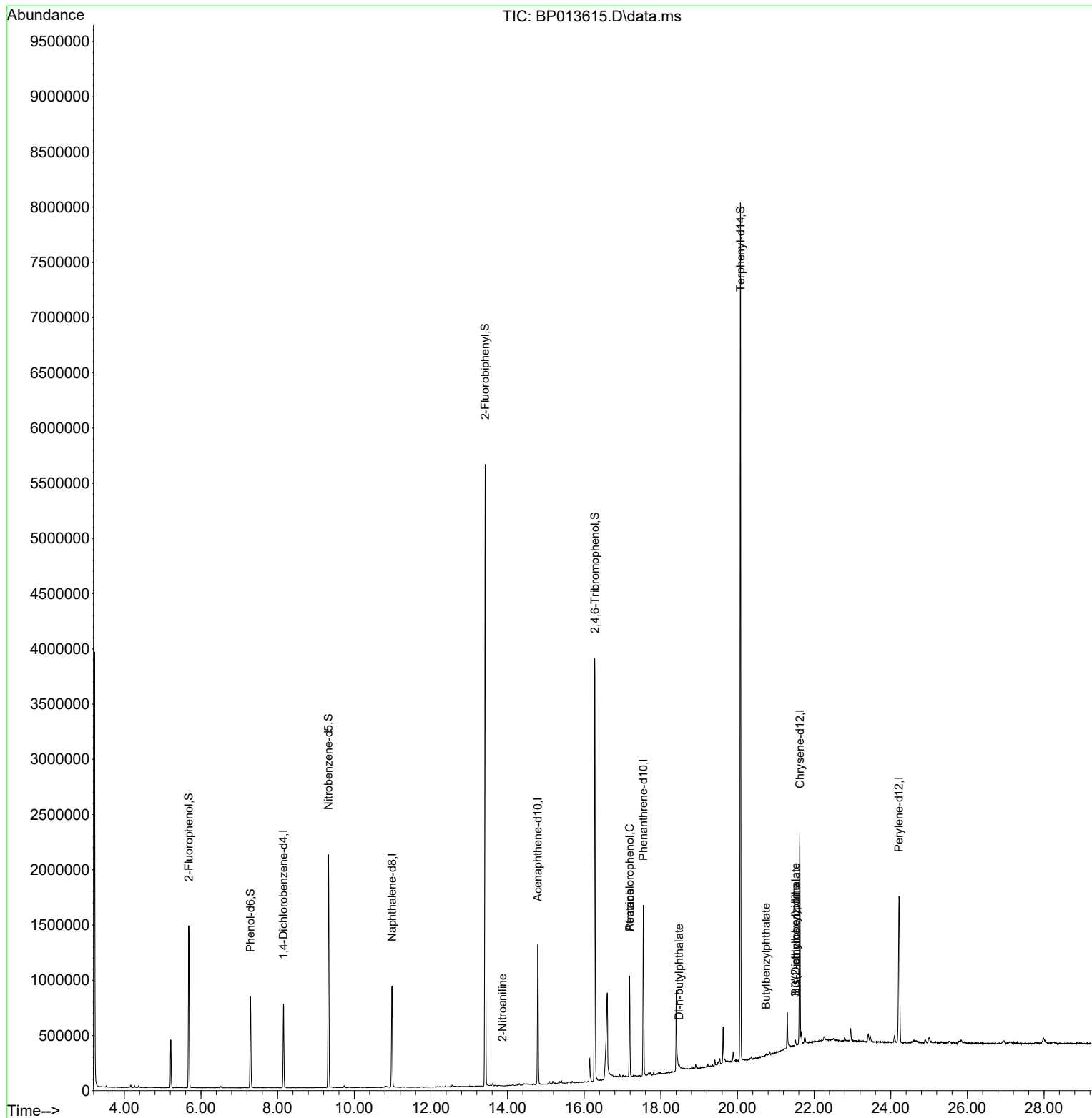
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	214419	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	786182	20.000	ng	0.00
39) Acenaphthene-d10	14.787	164	450496	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	936093	20.000	ng	0.00
76) Chrysene-d12	21.627	240	951625	20.000	ng	0.00
86) Perylene-d12	24.216	264	1133693	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	646309	54.014	ng	0.00
7) Phenol-d6	7.293	99	489887	30.307	ng	0.00
23) Nitrobenzene-d5	9.328	82	1232173	86.119	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	804825	117.343	ng	0.00
45) 2-Fluorobiphenyl	13.416	172	2991580	94.843	ng	0.00
79) Terphenyl-d14	20.080	244	4093958	75.916	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.869	65	102	3.935	ng	# 73
69) Atrazine	17.187	200	32140	4.077	ng	# 37
70) Pentachlorophenol	17.187	266	171335	18.693	ng	99
74) Di-n-butylphthalate	18.481	149	18042	3.990	ng	# 93
80) Butylbenzylphthalate	20.745	149	4372	5.744	ng	# 52
82) 3,3'-Dichlorobenzidine	21.522	252	847	6.397	ng	# 40
84) Bis(2-ethylhexyl)phtha...	21.516	149	22695	4.941	ng	# 93

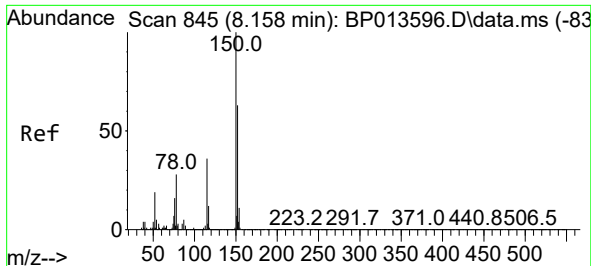
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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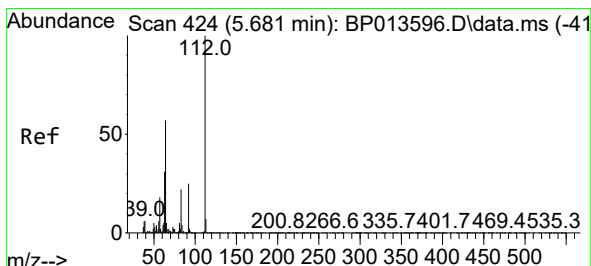
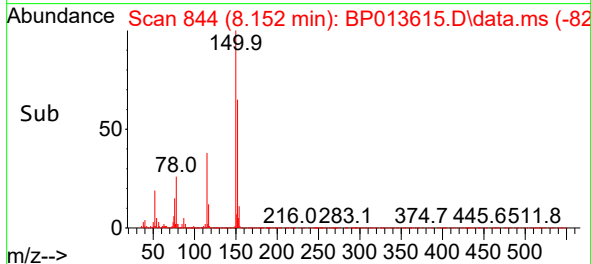
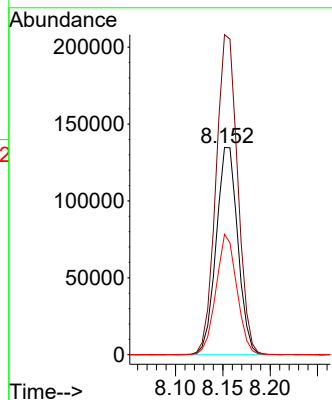
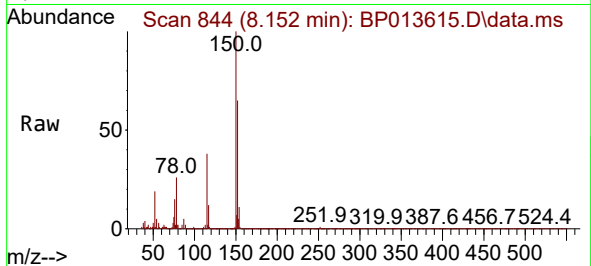




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 845
Delta R.T. -0.006 min
Lab File: BP013615.D
Acq: 27 Jan 2023 13:32

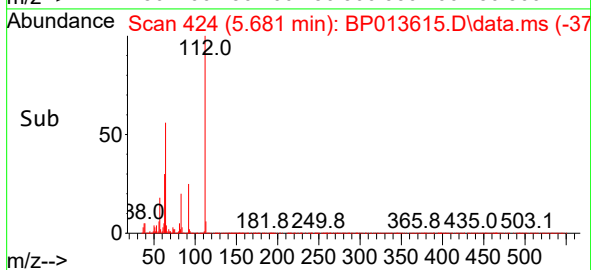
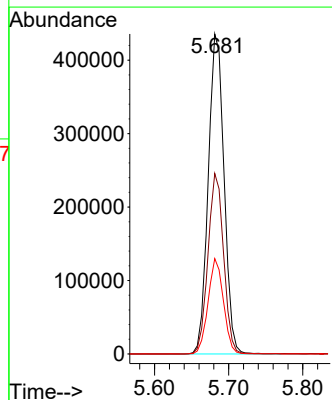
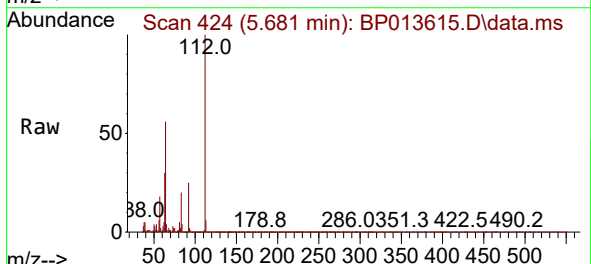
Instrument :
BNA_P
ClientSampleId :
MW-1-0118

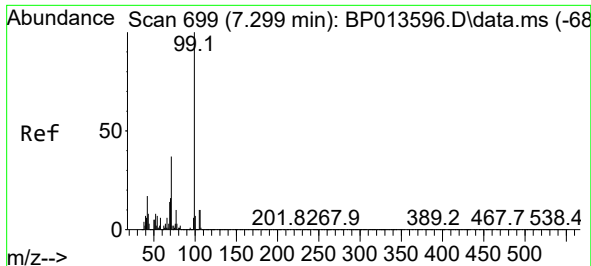
Tgt Ion:152 Resp: 214419
Ion Ratio Lower Upper
152 100
150 154.5 126.2 189.2
115 58.1 45.1 67.7



#5
2-Fluorophenol
Concen: 54.014 ng
RT: 5.681 min Scan# 424
Delta R.T. -0.000 min
Lab File: BP013615.D
Acq: 27 Jan 2023 13:32

Tgt Ion:112 Resp: 646309
Ion Ratio Lower Upper
112 100
64 56.4 45.5 68.3
63 29.8 25.1 37.7

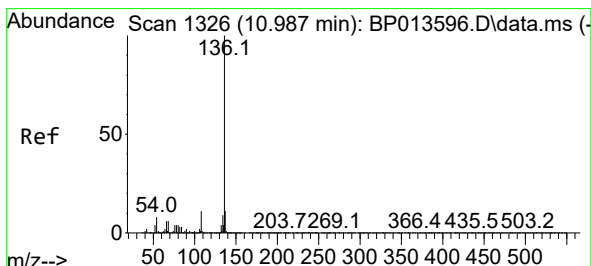
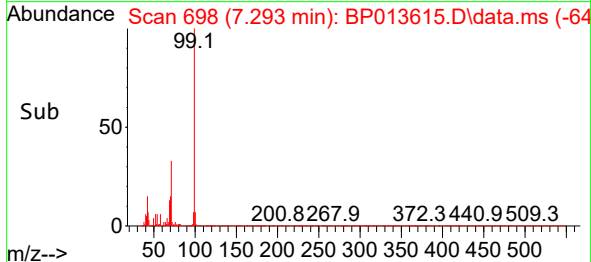
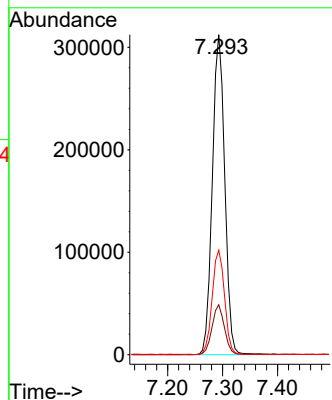
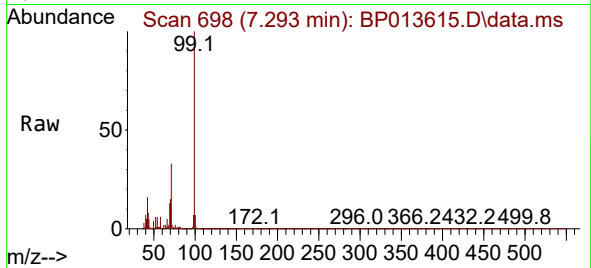




#7
Phenol-d6
Concen: 30.307 ng
RT: 7.293 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP013615.D
Acq: 27 Jan 2023 13:32

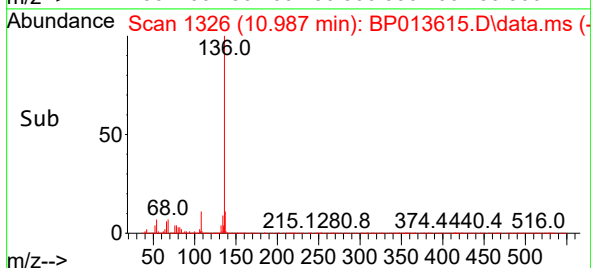
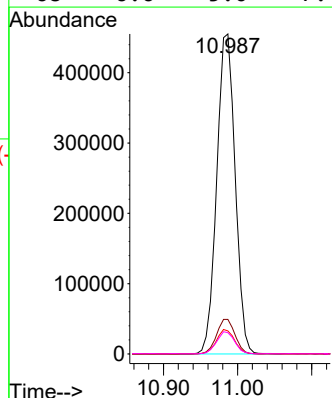
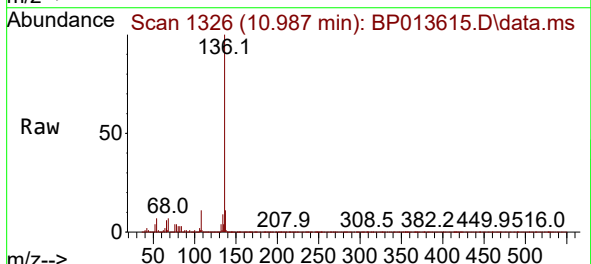
Instrument :
BNA_P
ClientSampleId :
MW-1-0118

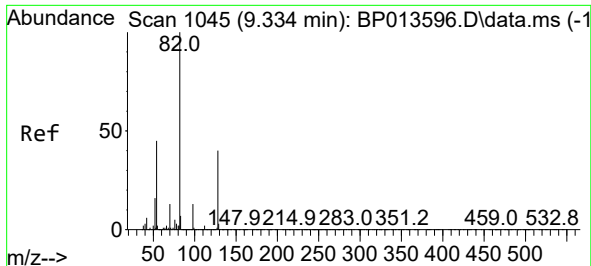
Tgt Ion: 99 Resp: 489887
Ion Ratio Lower Upper
99 100
42 15.6 13.4 20.2
71 32.7 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BP013615.D
Acq: 27 Jan 2023 13:32

Tgt Ion: 136 Resp: 786182
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.2 6.1 9.1
68 6.6 5.0 7.4

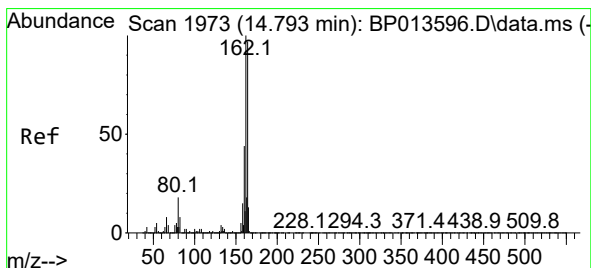
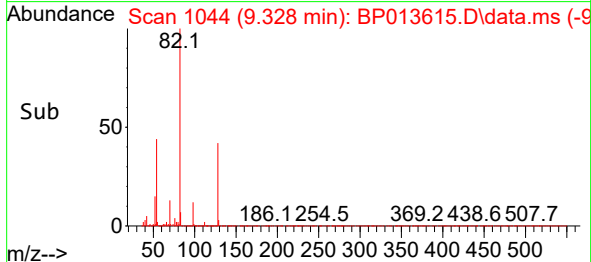
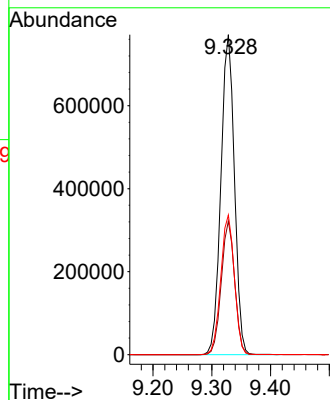
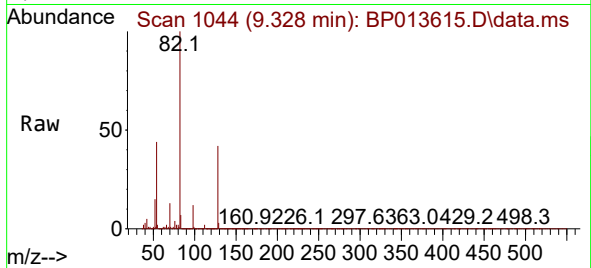




#23
 Nitrobenzene-d5
 Concen: 86.119 ng
 RT: 9.328 min Scan# 1044
 Delta R.T. -0.006 min
 Lab File: BP013615.D
 Acq: 27 Jan 2023 13:32

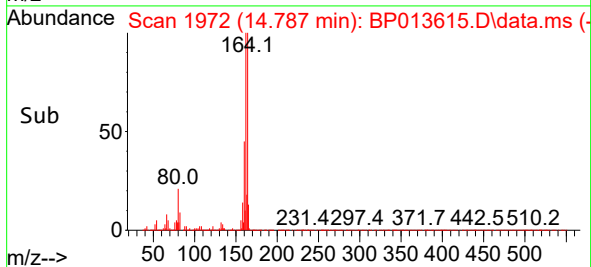
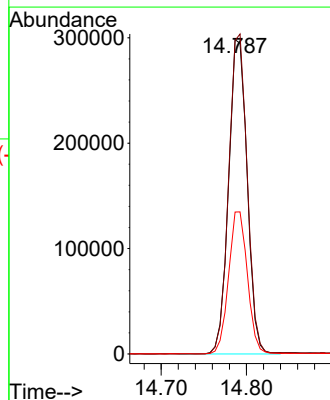
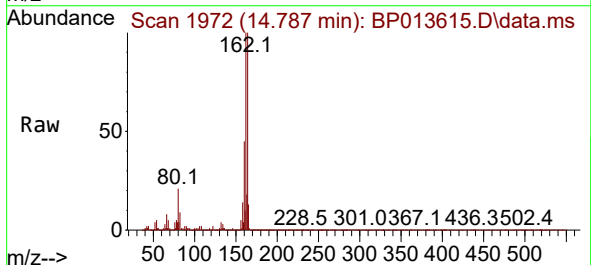
Instrument :
 BNA_P
 ClientSampleId :
 MW-1-0118

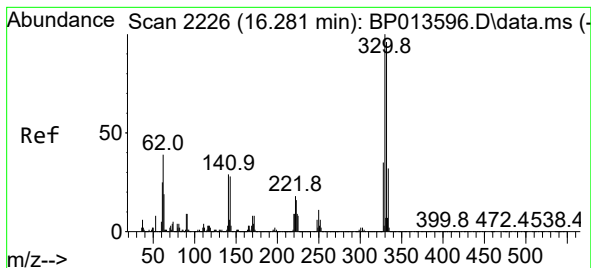
Tgt Ion: 82 Resp: 1232173
 Ion Ratio Lower Upper
 82 100
 128 41.7 31.8 47.8
 54 43.7 36.2 54.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.787 min Scan# 1972
 Delta R.T. -0.006 min
 Lab File: BP013615.D
 Acq: 27 Jan 2023 13:32

Tgt Ion:164 Resp: 450496
 Ion Ratio Lower Upper
 164 100
 162 99.7 82.3 123.5
 160 45.1 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 117.343 ng

RT: 16.281 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013615.D

Acq: 27 Jan 2023 13:32

Instrument :

BNA_P

ClientSampleId :

MW-1-0118

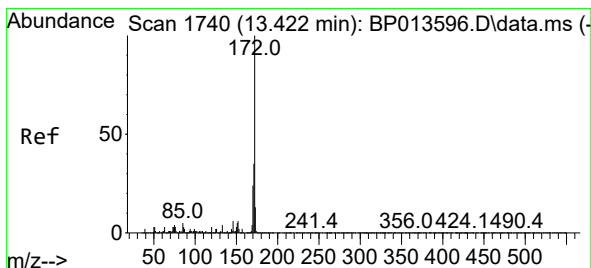
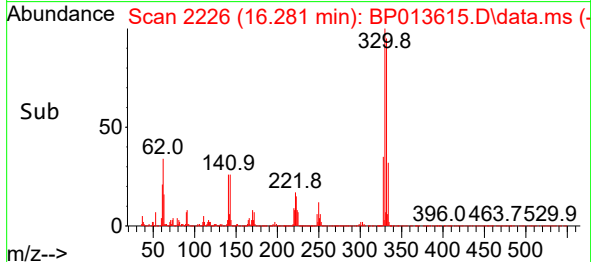
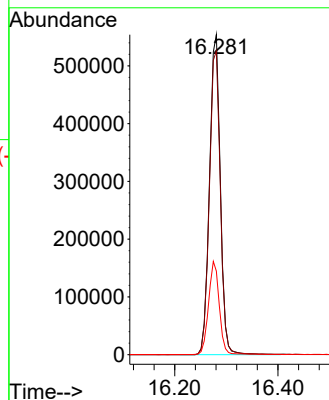
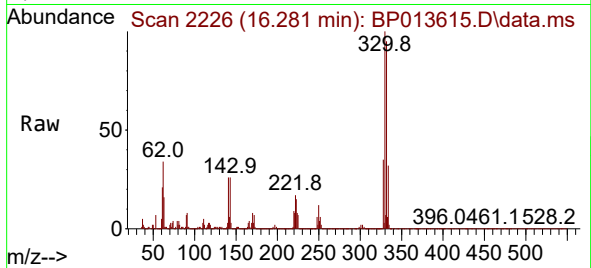
Tgt Ion:330 Resp: 804825

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.4

141 29.0 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 94.843 ng

RT: 13.416 min Scan# 1739

Delta R.T. -0.006 min

Lab File: BP013615.D

Acq: 27 Jan 2023 13:32

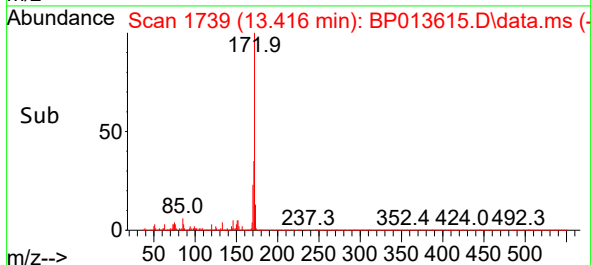
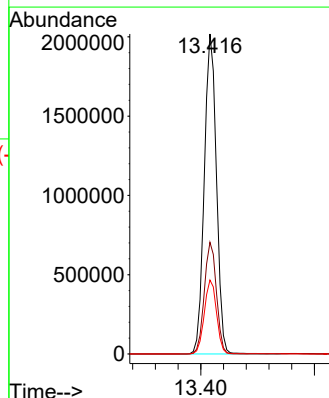
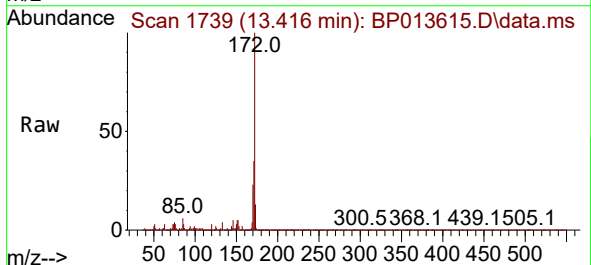
Tgt Ion:172 Resp: 2991580

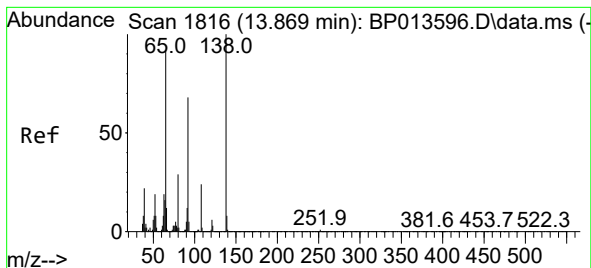
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 23.1 19.1 28.7





#48

2-Nitroaniline

Concen: 3.935 ng

RT: 13.869 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BP013615.D

Acq: 27 Jan 2023 13:32

Instrument :

BNA_P

ClientSampleId :

MW-1-0118

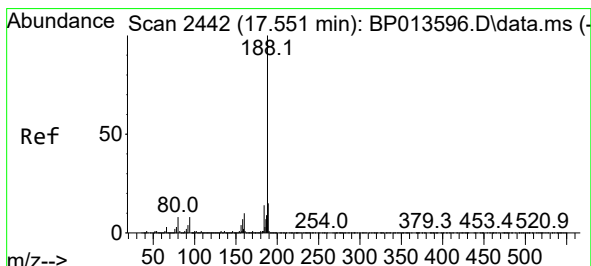
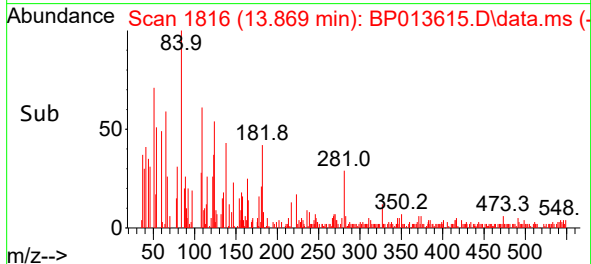
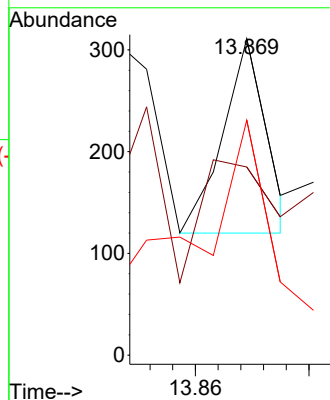
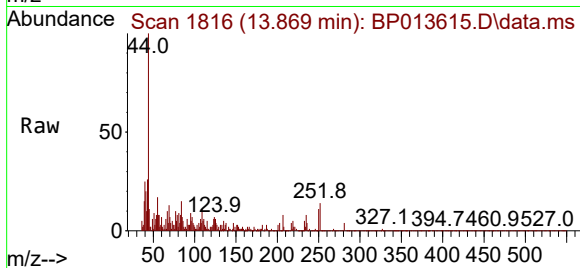
Tgt Ion: 65 Resp: 102

Ion Ratio Lower Upper

65 100

92 59.5 59.5 89.3#

138 74.3 87.1 130.7#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.545 min Scan# 2441

Delta R.T. -0.006 min

Lab File: BP013615.D

Acq: 27 Jan 2023 13:32

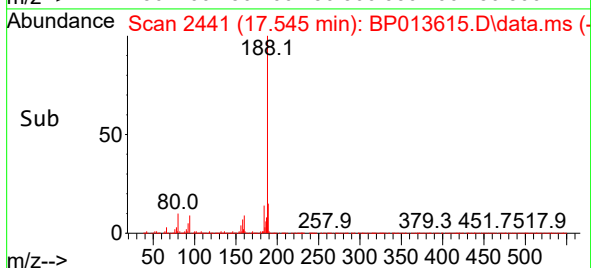
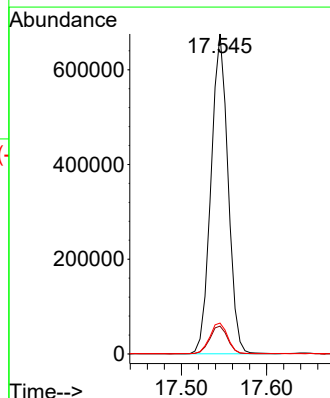
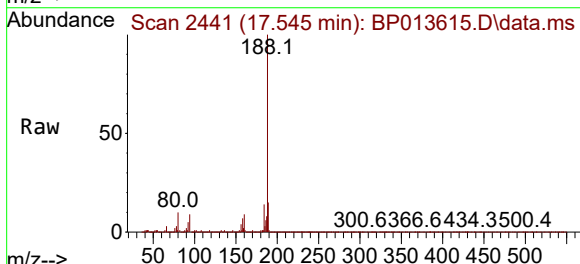
Tgt Ion:188 Resp: 936093

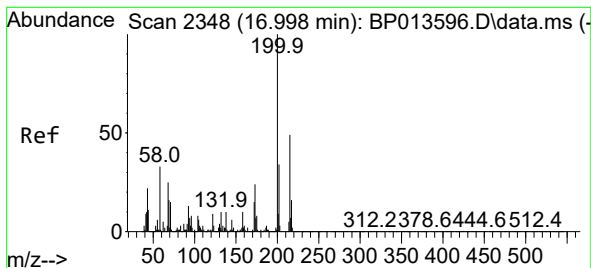
Ion Ratio Lower Upper

188 100

94 8.7 6.1 9.1

80 9.7 6.6 10.0





#69

Atrazine

Concen: 4.077 ng

RT: 17.187 min Scan# 21

Delta R.T. 0.188 min

Lab File: BP013615.D

Acq: 27 Jan 2023 13:32

Instrument :

BNA_P

ClientSampleId :

MW-1-0118

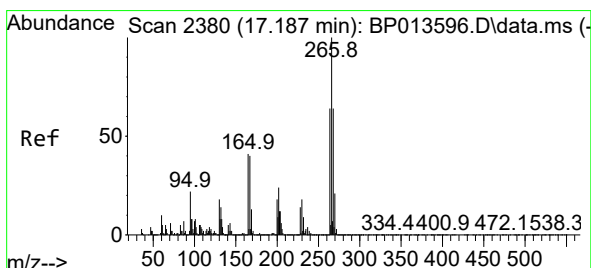
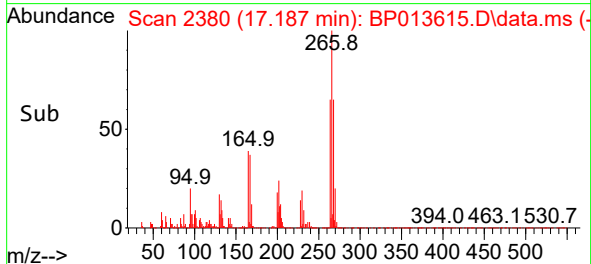
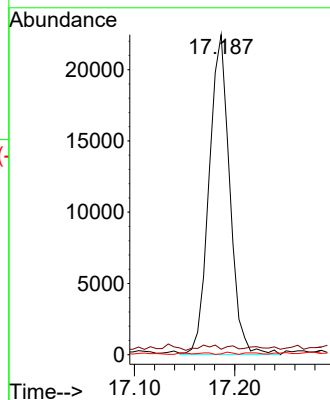
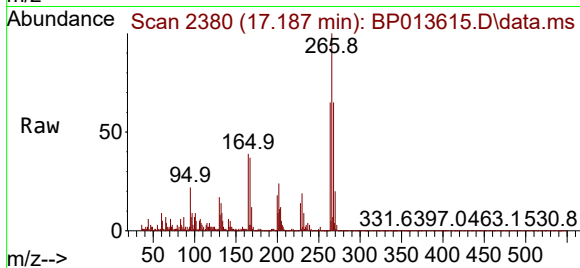
Tgt Ion:200 Resp: 32140

Ion Ratio Lower Upper

200 100

173 1.7 3.5 43.5#

215 0.2 29.2 69.2#



#70

Pentachlorophenol

Concen: 18.693 ng

RT: 17.187 min Scan# 2380

Delta R.T. -0.000 min

Lab File: BP013615.D

Acq: 27 Jan 2023 13:32

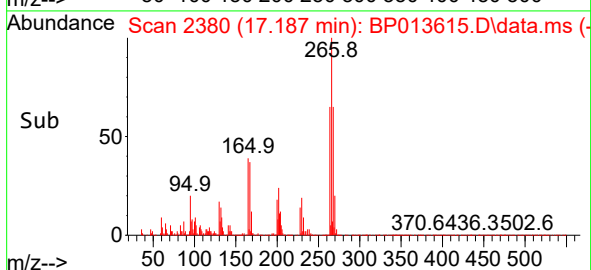
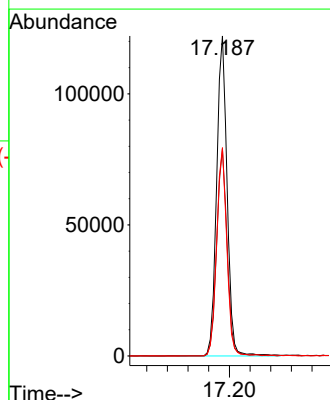
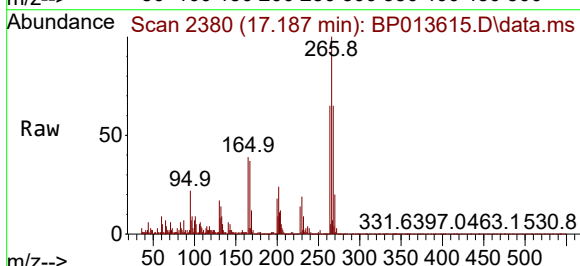
Tgt Ion:266 Resp: 171335

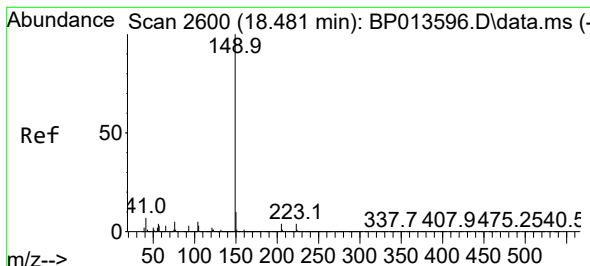
Ion Ratio Lower Upper

266 100

268 64.7 51.4 77.0

264 65.1 51.0 76.6





#74

Di-n-butylphthalate

Concen: 3.990 ng

RT: 18.481 min Scan# 2

Delta R.T. -0.000 min

Lab File: BP013615.D

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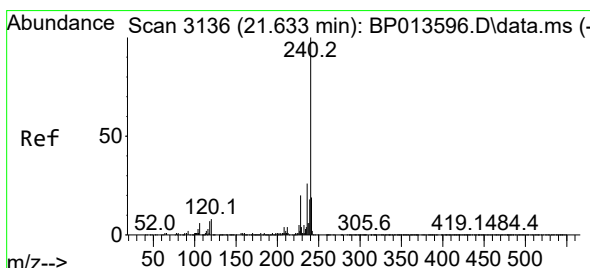
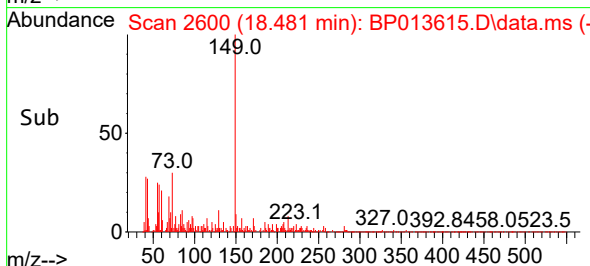
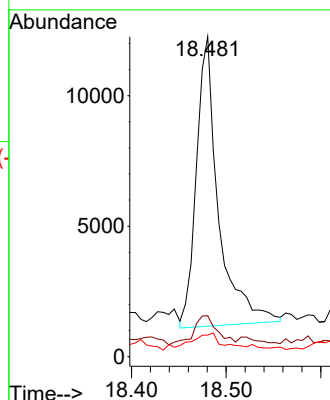
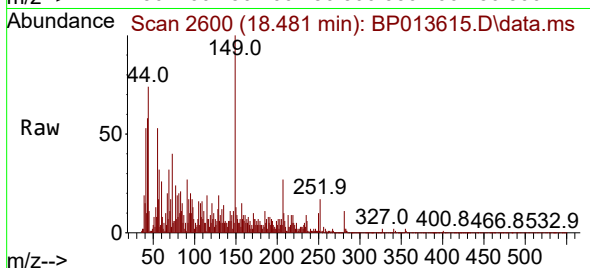
Tgt Ion:149 Resp: 18042

Ion Ratio Lower Upper

149 100

150 12.8 7.6 11.4#

104 6.8 4.4 6.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.627 min Scan# 3135

Delta R.T. -0.006 min

Lab File: BP013615.D

Acq: 27 Jan 2023 13:32

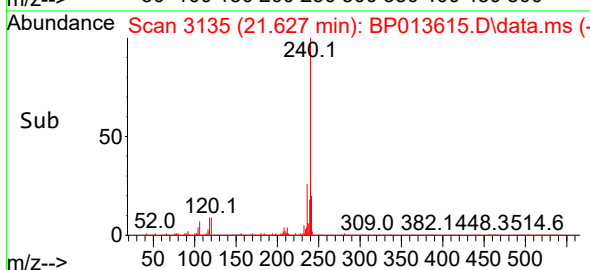
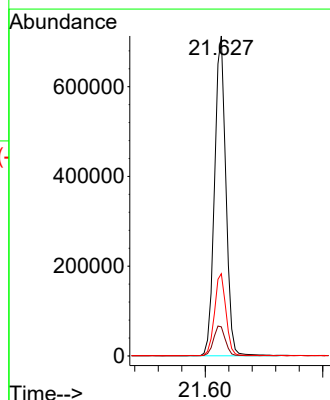
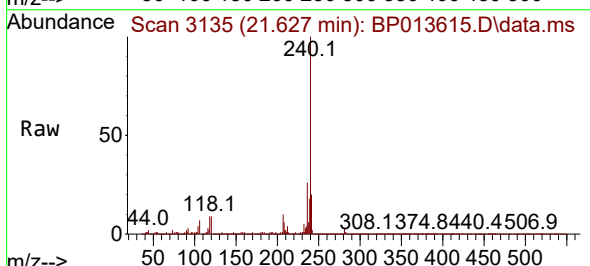
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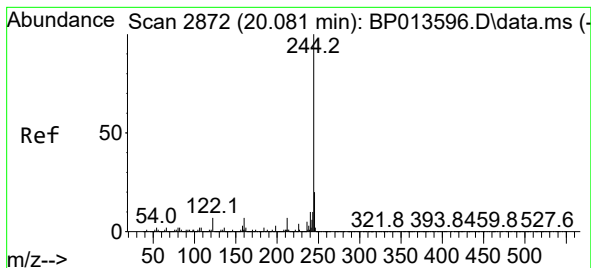
Ion Ratio Lower Upper

240 100

120 9.1 6.7 10.1

236 25.7 20.7 31.1





#79

Terphenyl-d14

Concen: 75.916 ng

RT: 20.080 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013615.D

Acq: 27 Jan 2023 13:32

Instrument :

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ClientSampleId :

MW-1-0118

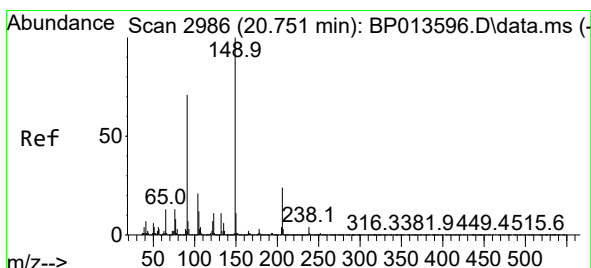
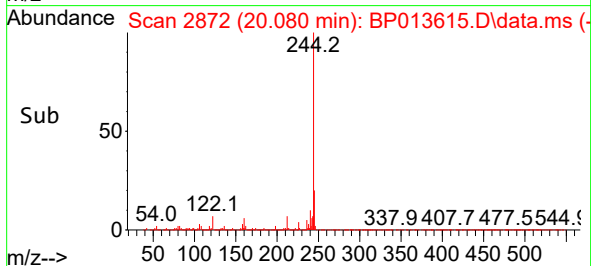
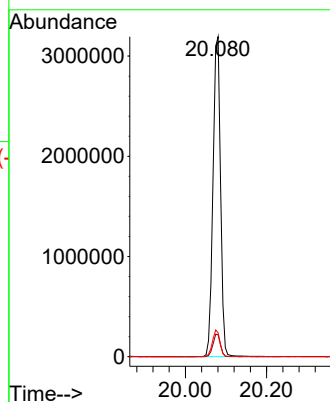
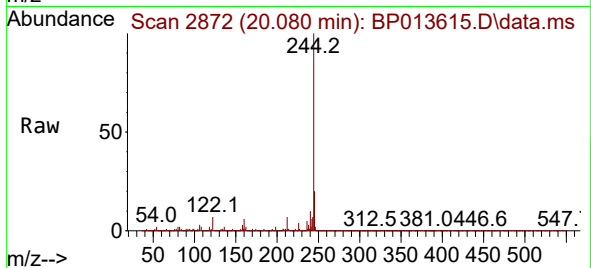
Tgt Ion:244 Resp: 4093958

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 7.4 5.3 7.9



#80

Butylbenzylphthalate

Concen: 5.744 ng

RT: 20.745 min Scan# 2985

Delta R.T. -0.006 min

Lab File: BP013615.D

Acq: 27 Jan 2023 13:32

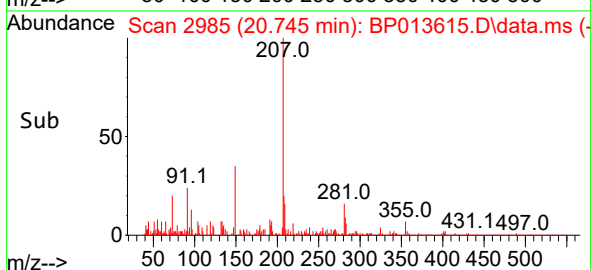
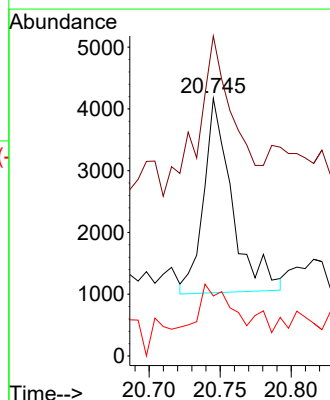
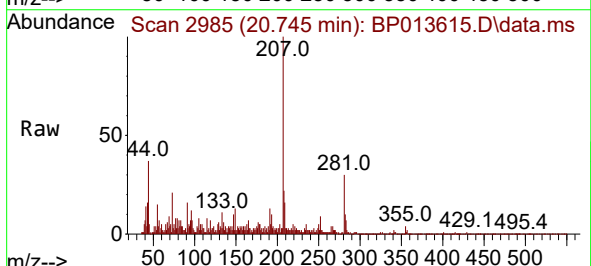
Tgt Ion:149 Resp: 4372

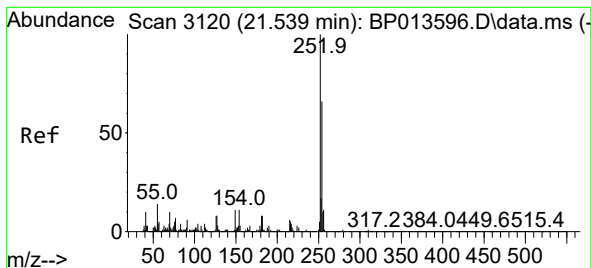
Ion Ratio Lower Upper

149 100

91 124.2 57.0 85.6#

206 23.3 19.0 28.6





#82

3,3'-Dichlorobenzidine

Concen: 6.397 ng

RT: 21.522 min Scan# 3117

Delta R.T. -0.017 min

Lab File: BP013615.D

Acq: 27 Jan 2023 13:32

Instrument :

BNA_P

ClientSampleId :

MW-1-0118

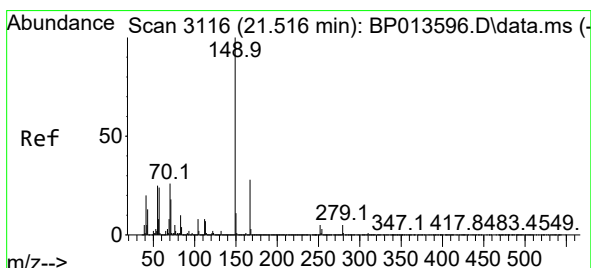
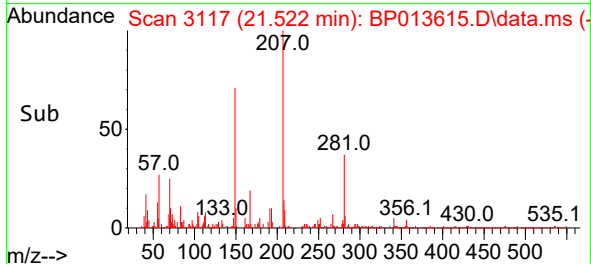
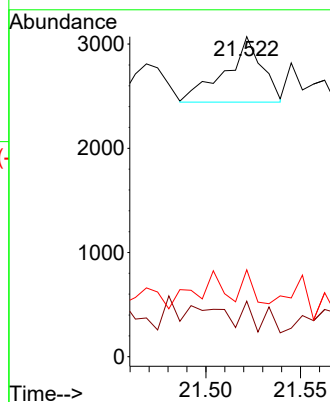
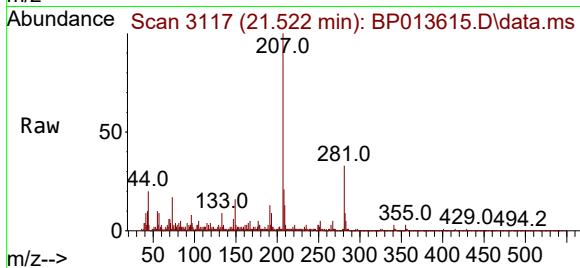
Tgt Ion:252 Resp: 847

Ion Ratio Lower Upper

252 100

254 17.4 52.3 78.5#

126 27.2 6.2 9.4#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.941 ng

RT: 21.516 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BP013615.D

Acq: 27 Jan 2023 13:32

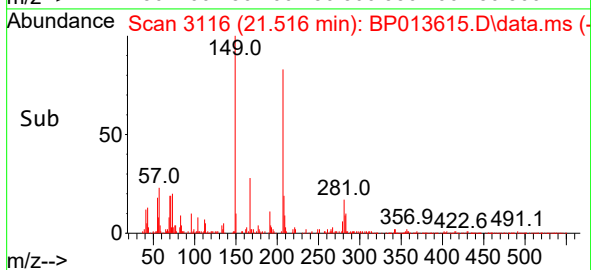
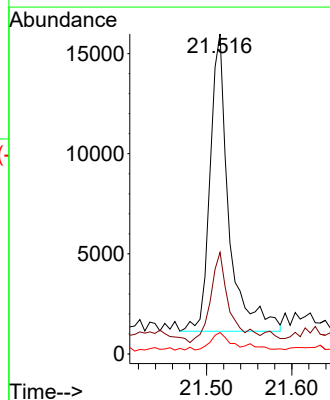
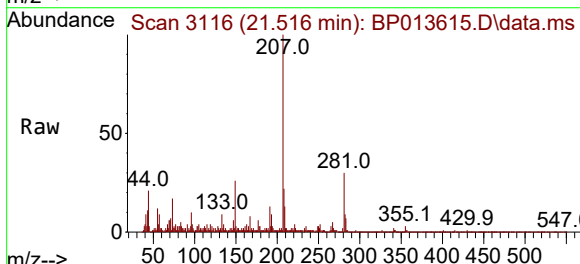
Tgt Ion:149 Resp: 22695

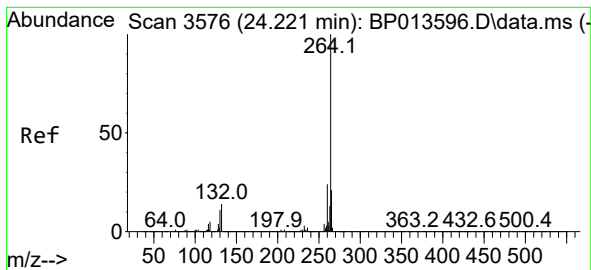
Ion Ratio Lower Upper

149 100

167 31.8 22.2 33.4

279 6.7 3.8 5.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.216 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP013615.D

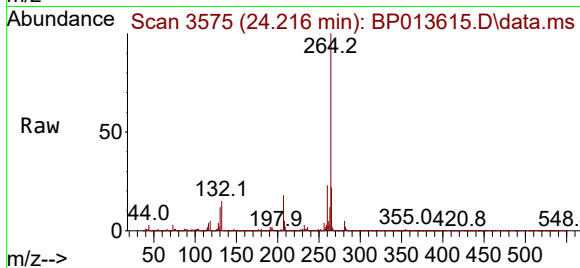
Acq: 27 Jan 2023 13:32

Instrument :

BNA_P

ClientSampleId :

MW-1-0118



Tgt Ion:264 Resp: 1133693

Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 22.1 17.4 26.0

