

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
 Data File : BP013616.D
 Acq On : 27 Jan 2023 14:06
 Operator : CG/JU
 Sample : 01221-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-13-0118

Quant Time: Jan 29 23:49:54 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)

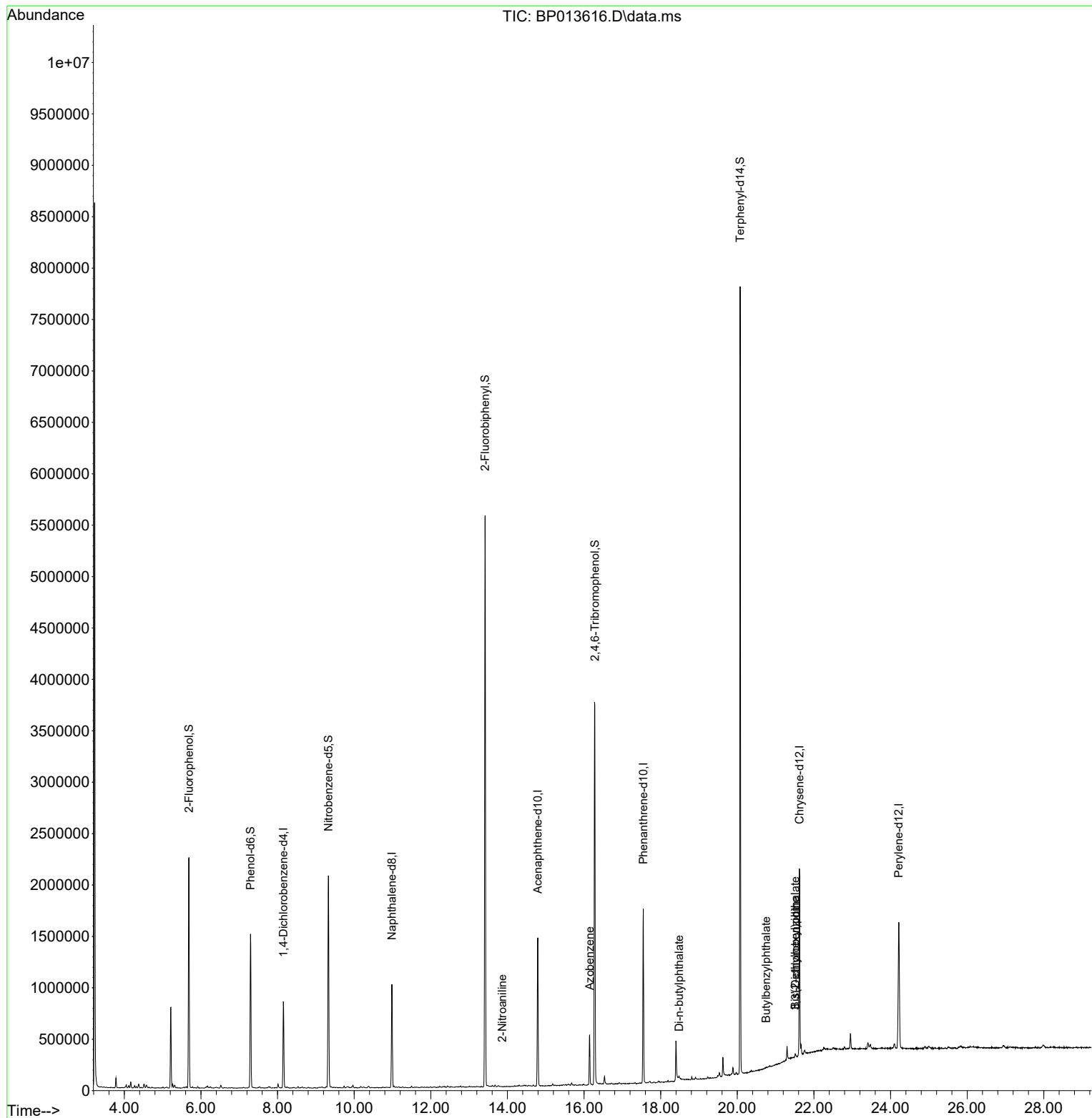
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	233529	20.000	ng	0.00
21) Naphthalene-d8	10.981	136	864707	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	515216	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	1040089	20.000	ng	0.00
76) Chrysene-d12	21.621	240	894750	20.000	ng	#-0.01
86) Perylene-d12	24.215	264	1032458	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1013539	77.773	ng	0.00
7) Phenol-d6	7.293	99	900077	51.127	ng	0.00
23) Nitrobenzene-d5	9.328	82	1211289	76.971	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	816361	104.073	ng	0.00
45) 2-Fluorobiphenyl	13.416	172	2982903	82.688	ng	0.00
79) Terphenyl-d14	20.074	244	3890422	76.727	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.863	65	268	3.954	ng	# 61
63) Azobenzene	16.145	77	137649	3.696	ng	# 1
74) Di-n-butylphthalate	18.480	149	18325	3.953	ng	# 97
80) Butylbenzylphthalate	20.751	149	2386	5.583	ng	# 58
82) 3,3'-Dichlorobenzidine	21.521	252	230	6.366	ng	# 33
84) Bis(2-ethylhexyl)phtha...	21.510	149	13887	4.373	ng	100

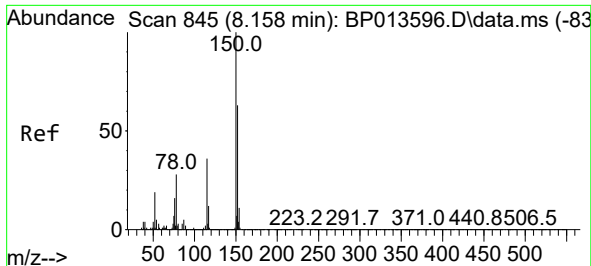
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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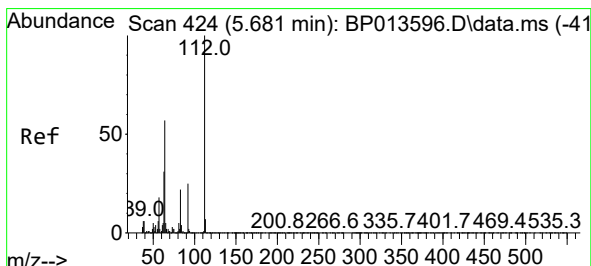
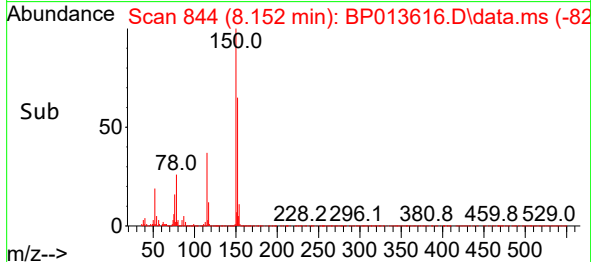
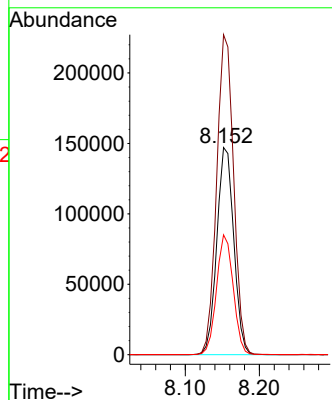
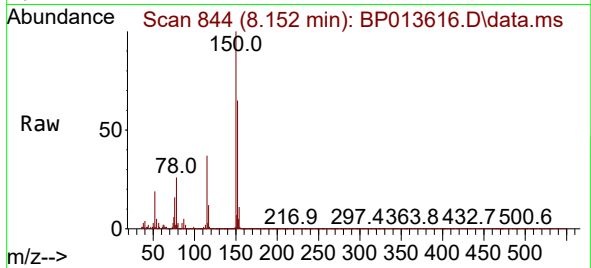




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP013616.D
Acq: 27 Jan 2023 14:06

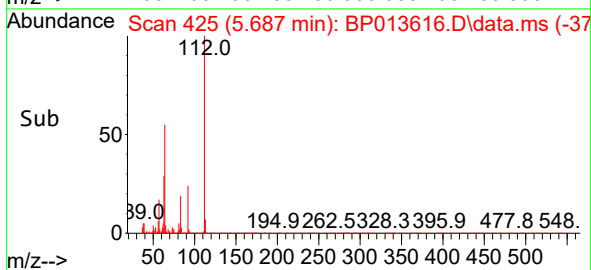
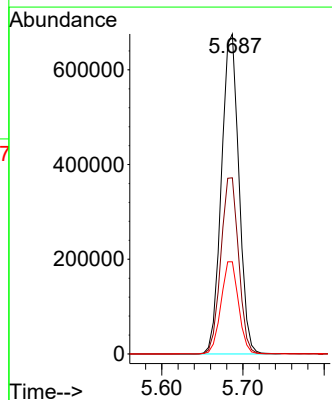
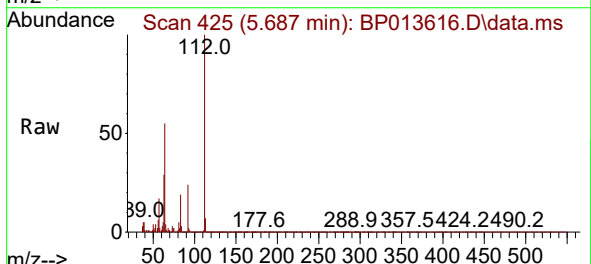
Instrument :
BNA_P
ClientSampleId :
MW-13-0118

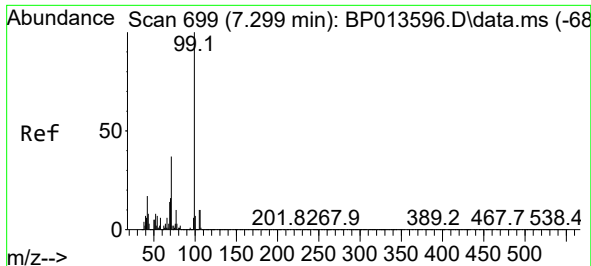
Tgt Ion:152 Resp: 233529
Ion Ratio Lower Upper
152 100
150 154.4 126.2 189.2
115 57.8 45.1 67.7



#5
2-Fluorophenol
Concen: 77.773 ng
RT: 5.687 min Scan# 425
Delta R.T. 0.006 min
Lab File: BP013616.D
Acq: 27 Jan 2023 14:06

Tgt Ion:112 Resp: 1013539
Ion Ratio Lower Upper
112 100
64 55.0 45.5 68.3
63 28.8 25.1 37.7

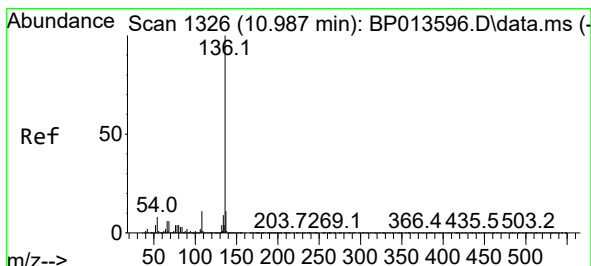
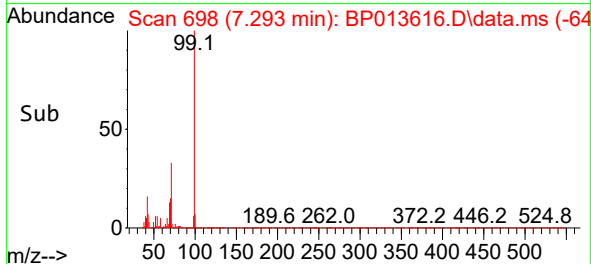
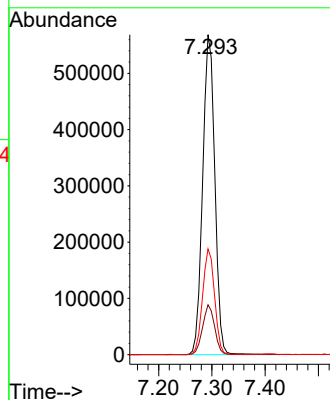
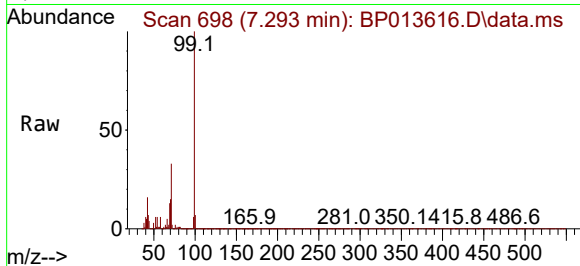




#7
Phenol-d6
Concen: 51.127 ng
RT: 7.293 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP013616.D
Acq: 27 Jan 2023 14:06

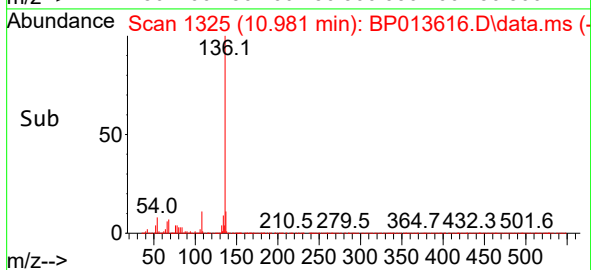
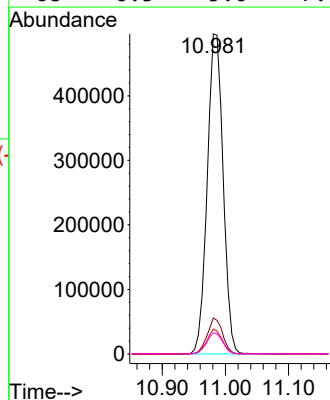
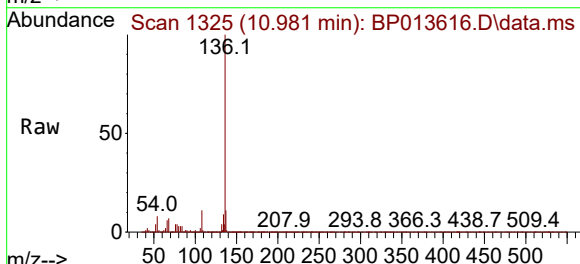
Instrument :
BNA_P
ClientSampleId :
MW-13-0118

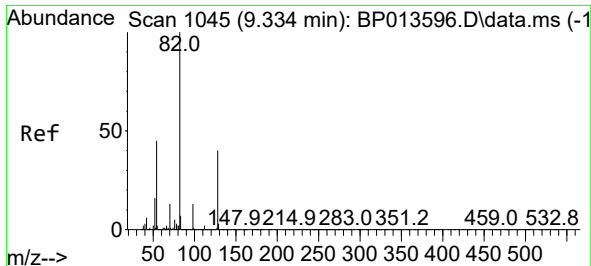
Tgt Ion:	99	Resp:	900077
Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.4	20.2
71	33.1	29.9	44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.981 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BP013616.D
Acq: 27 Jan 2023 14:06

Tgt Ion:	136	Resp:	864707
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.7	6.1	9.1
68	6.5	5.0	7.4

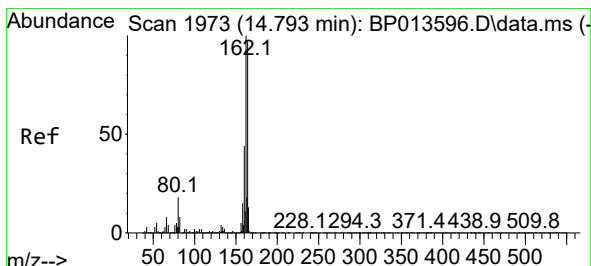
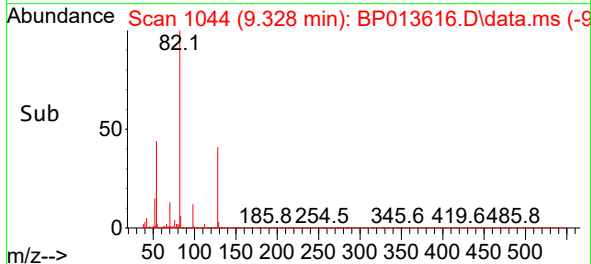
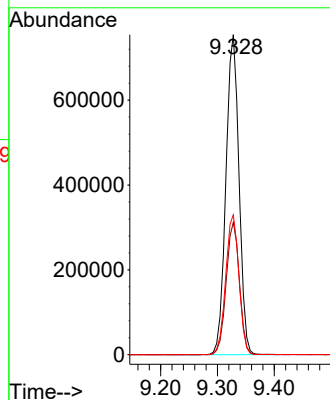
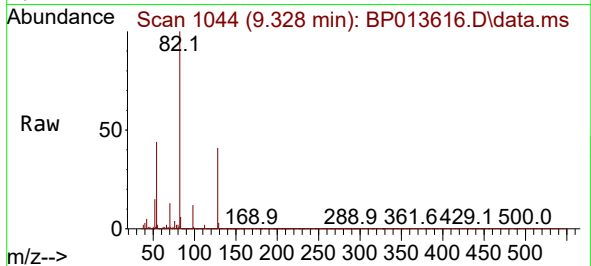




#23
 Nitrobenzene-d5
 Concen: 76.971 ng
 RT: 9.328 min Scan# 1044
 Delta R.T. -0.006 min
 Lab File: BP013616.D
 Acq: 27 Jan 2023 14:06

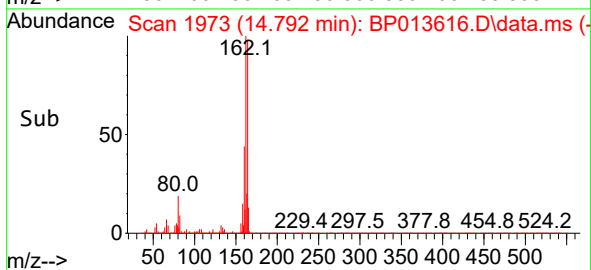
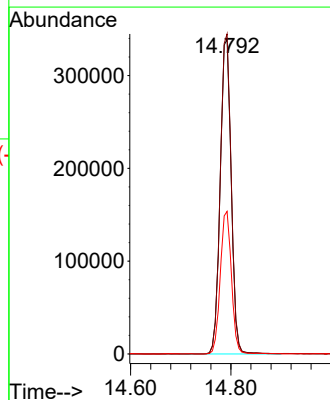
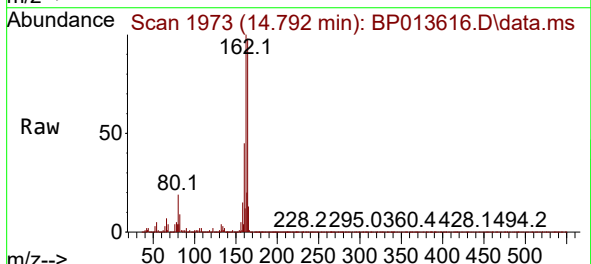
Instrument :
 BNA_P
 ClientSampleId :
 MW-13-0118

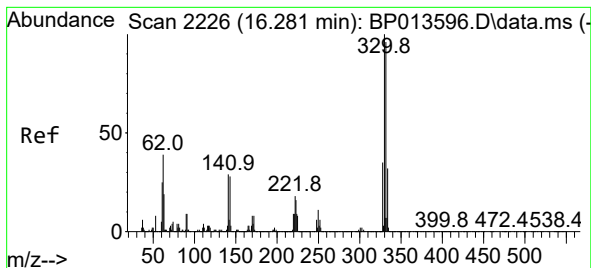
Tgt Ion: 82 Resp: 1211289
 Ion Ratio Lower Upper
 82 100
 128 41.4 31.8 47.8
 54 43.7 36.2 54.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.792 min Scan# 1973
 Delta R.T. -0.000 min
 Lab File: BP013616.D
 Acq: 27 Jan 2023 14:06

Tgt Ion: 164 Resp: 515216
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.3 123.5
 160 45.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 104.073 ng

RT: 16.281 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013616.D

Acq: 27 Jan 2023 14:06

Instrument :

BNA_P

ClientSampleId :

MW-13-0118

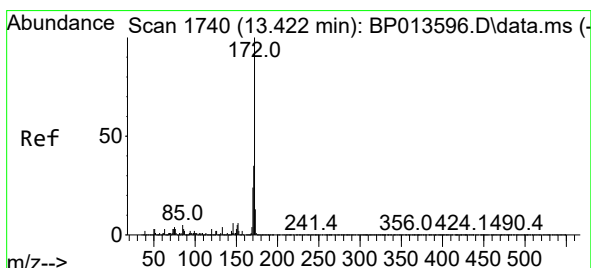
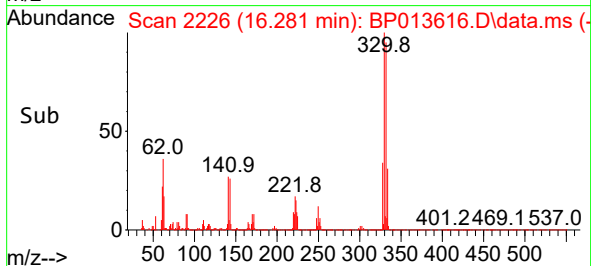
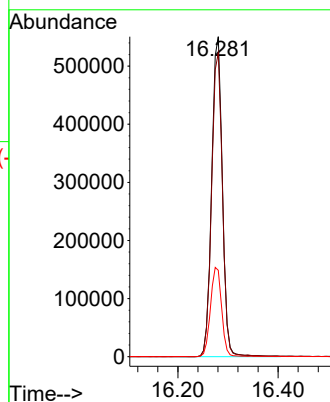
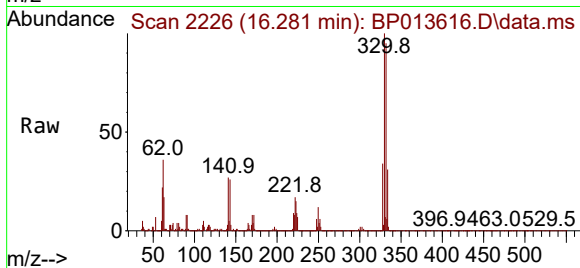
Tgt Ion:330 Resp: 816361

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.4

141 29.1 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 82.688 ng

RT: 13.416 min Scan# 1739

Delta R.T. -0.006 min

Lab File: BP013616.D

Acq: 27 Jan 2023 14:06

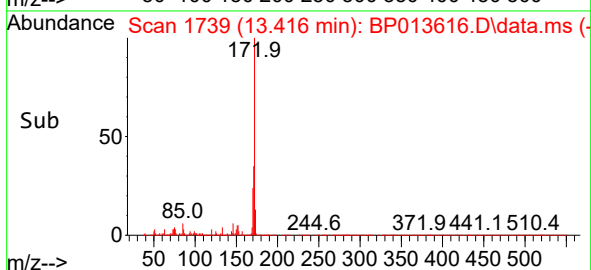
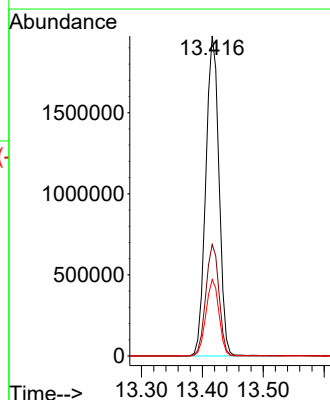
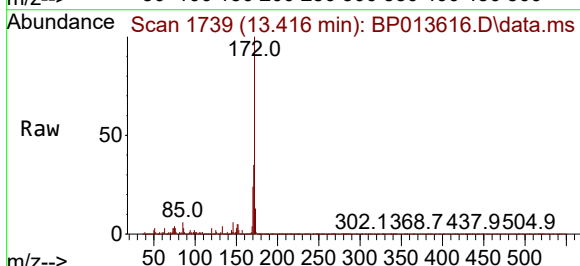
Tgt Ion:172 Resp: 2982903

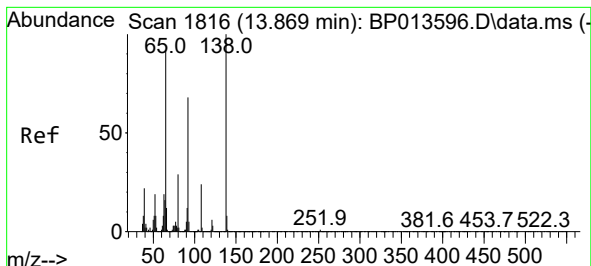
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 23.9 19.1 28.7





#48

2-Nitroaniline

Concen: 3.954 ng

RT: 13.863 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP013616.D

Acq: 27 Jan 2023 14:06

Instrument :

BNA_P

ClientSampleId :

MW-13-0118

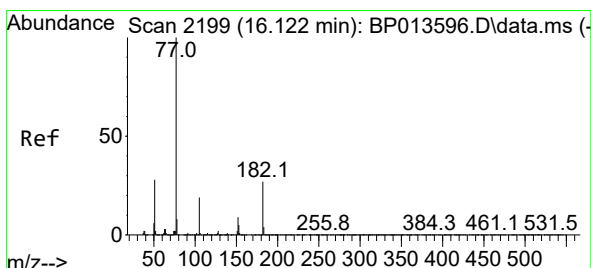
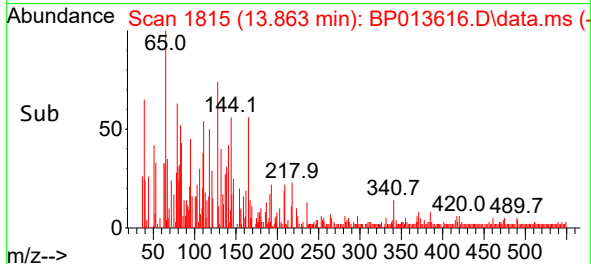
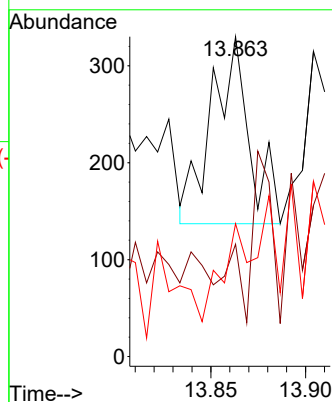
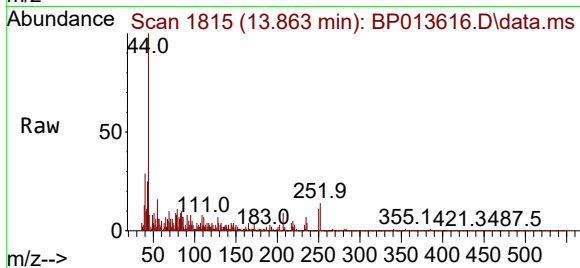
Tgt Ion: 65 Resp: 268

Ion Ratio Lower Upper

65 100

92 35.2 59.5 89.3#

138 72.4 87.1 130.7#



#63

Azobenzene

Concen: 3.696 ng

RT: 16.145 min Scan# 2203

Delta R.T. 0.023 min

Lab File: BP013616.D

Acq: 27 Jan 2023 14:06

Tgt Ion: 77 Resp: 137649

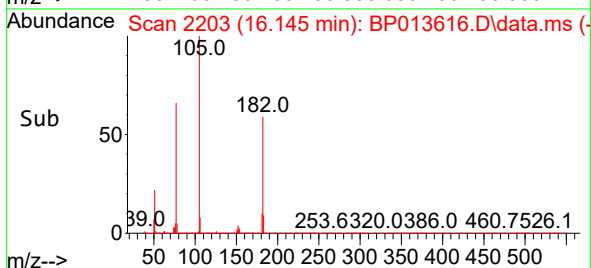
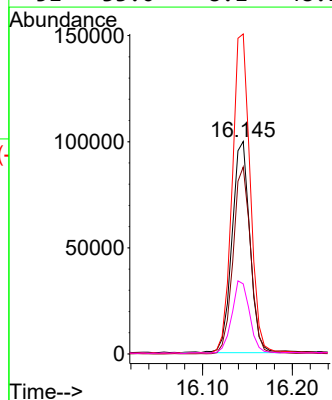
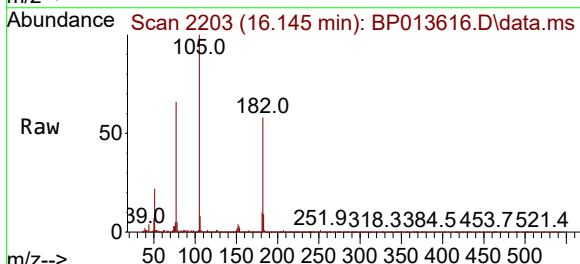
Ion Ratio Lower Upper

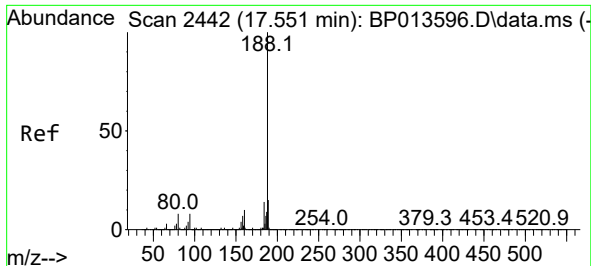
77 100

182 88.0 7.0 47.0#

105 150.6 0.0 39.2#

51 33.0 8.1 48.1

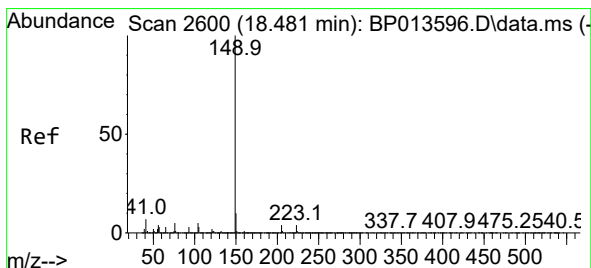
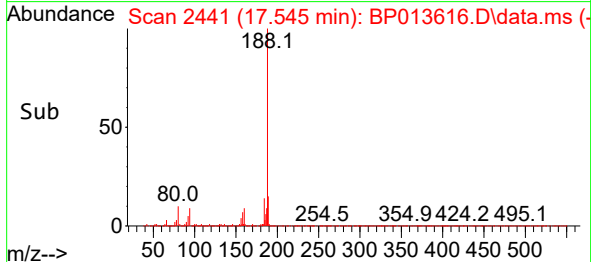
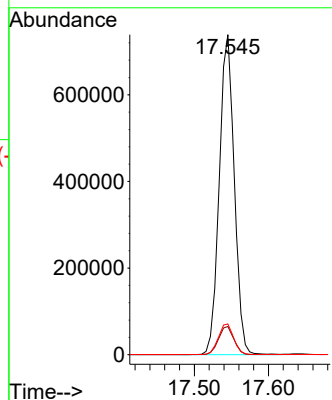
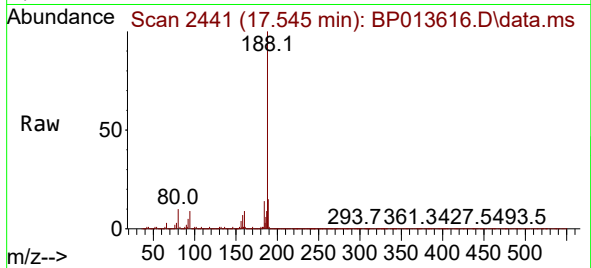




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.545 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BP013616.D
Acq: 27 Jan 2023 14:06

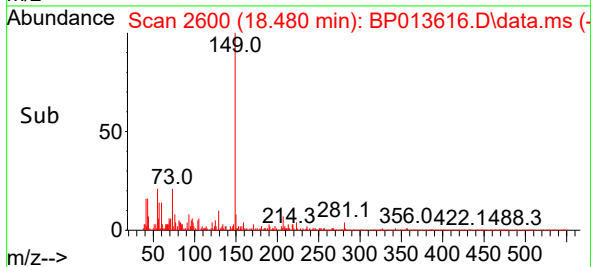
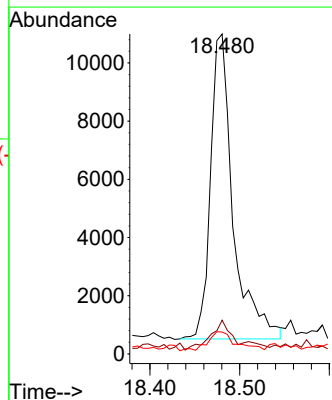
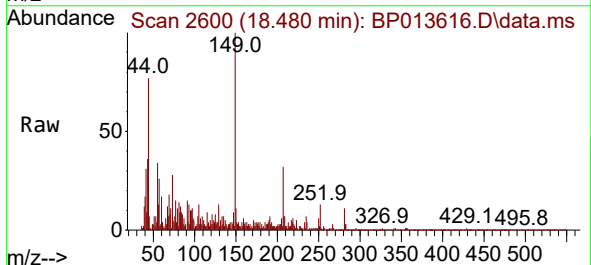
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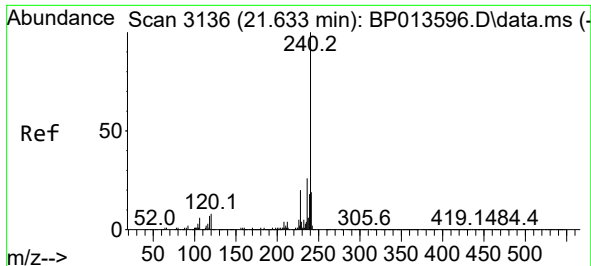
Tgt Ion:188 Resp: 1040089
Ion Ratio Lower Upper
188 100
94 8.8 6.1 9.1
80 9.6 6.6 10.0



#74
Di-n-butylphthalate
Concen: 3.953 ng
RT: 18.480 min Scan# 2600
Delta R.T. -0.001 min
Lab File: BP013616.D
Acq: 27 Jan 2023 14:06

Tgt Ion:149 Resp: 18325
Ion Ratio Lower Upper
149 100
150 10.5 7.6 11.4
104 6.9 4.4 6.6#

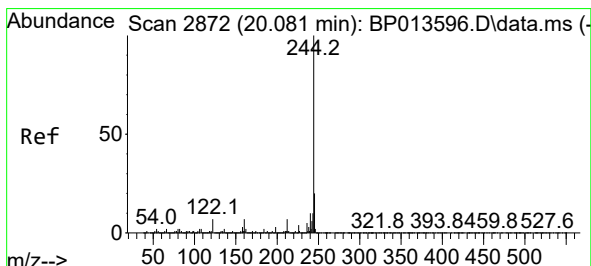
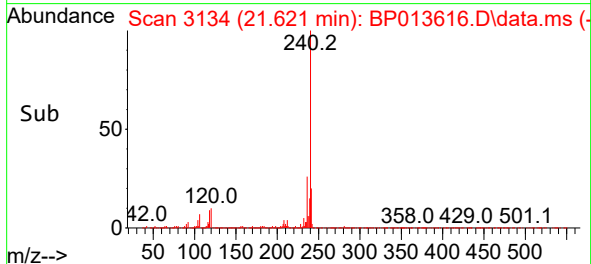
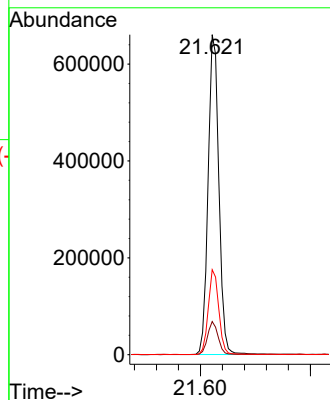
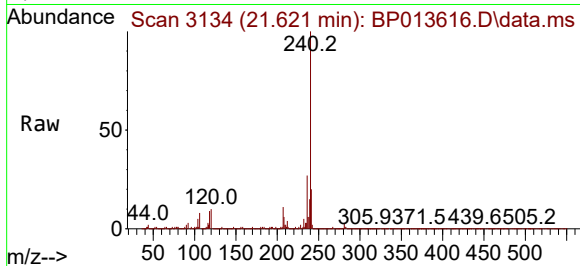




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.621 min Scan# 3136
Delta R.T. -0.012 min
Lab File: BP013616.D
Acq: 27 Jan 2023 14:06

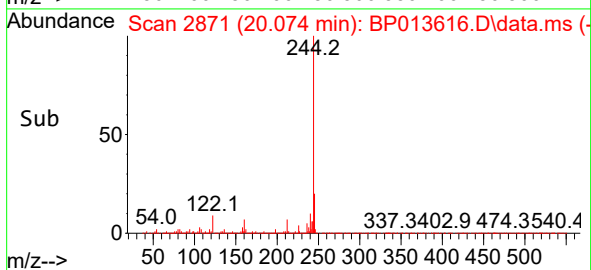
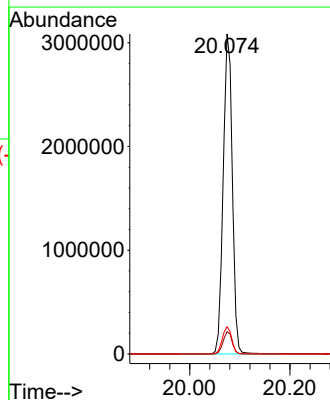
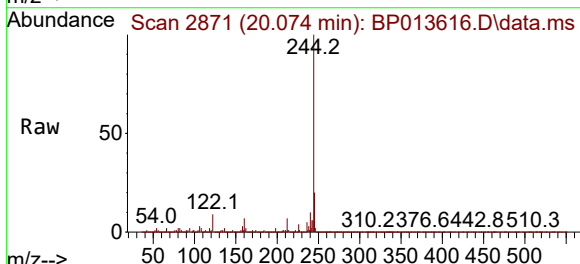
Instrument :
BNA_P
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MW-13-0118

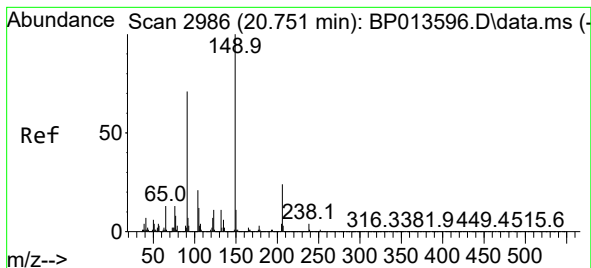
Tgt Ion:240 Resp: 894750
Ion Ratio Lower Upper
240 100
120 10.3 6.7 10.1#
236 26.5 20.7 31.1



#79
Terphenyl-d14
Concen: 76.727 ng
RT: 20.074 min Scan# 2871
Delta R.T. -0.006 min
Lab File: BP013616.D
Acq: 27 Jan 2023 14:06

Tgt Ion:244 Resp: 3890422
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 8.5 5.3 7.9#





#80

Butylbenzylphthalate

Concen: 5.583 ng

RT: 20.751 min Scan# 2986

Delta R.T. -0.000 min

Lab File: BP013616.D

Acq: 27 Jan 2023 14:06

Instrument :

BNA_P

ClientSampleId :

MW-13-0118

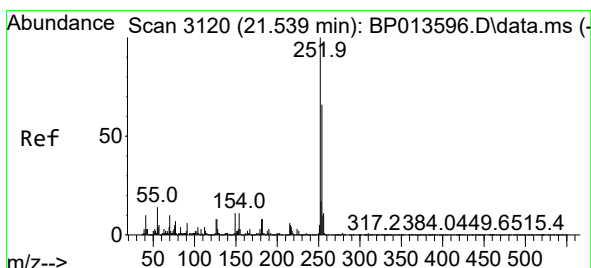
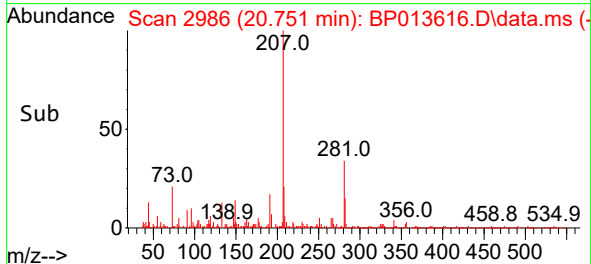
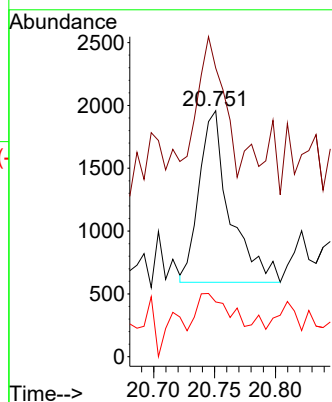
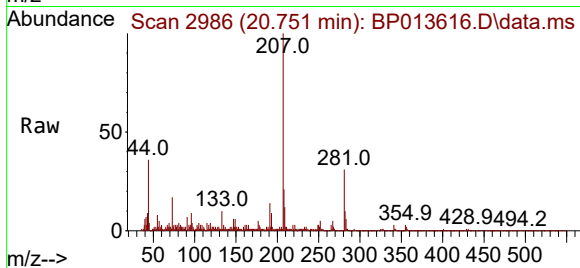
Tgt Ion:149 Resp: 2386

Ion Ratio Lower Upper

149 100

91 117.4 57.0 85.6#

206 22.3 19.0 28.6



#82

3,3'-Dichlorobenzidine

Concen: 6.366 ng

RT: 21.521 min Scan# 3117

Delta R.T. -0.018 min

Lab File: BP013616.D

Acq: 27 Jan 2023 14:06

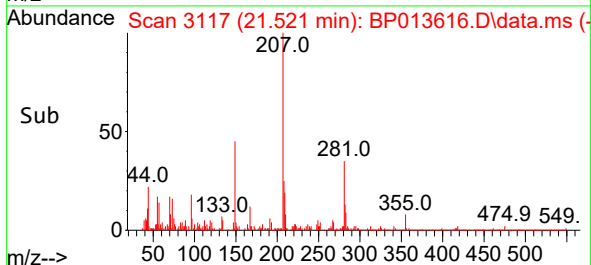
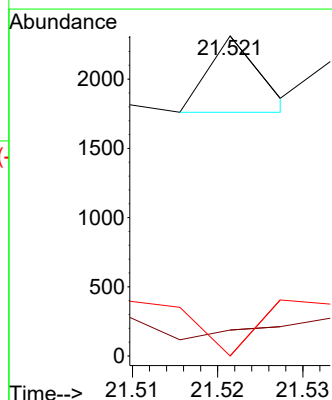
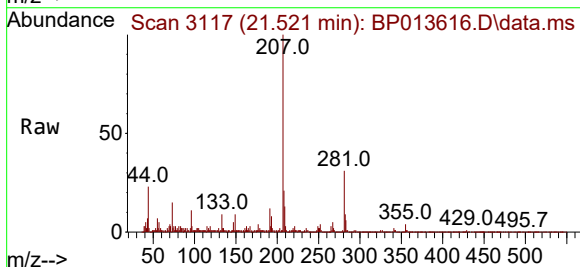
Tgt Ion:252 Resp: 230

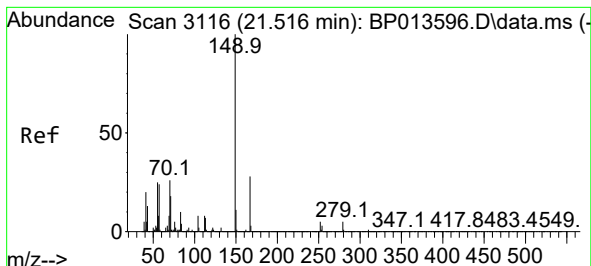
Ion Ratio Lower Upper

252 100

254 8.1 52.3 78.5#

126 0.0 6.2 9.4#





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.373 ng

RT: 21.510 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BP013616.D

Acq: 27 Jan 2023 14:06

Instrument :

BNA_P

ClientSampleId :

MW-13-0118

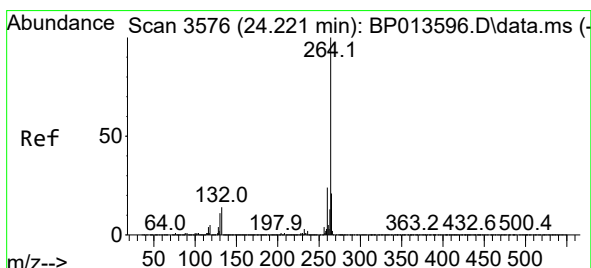
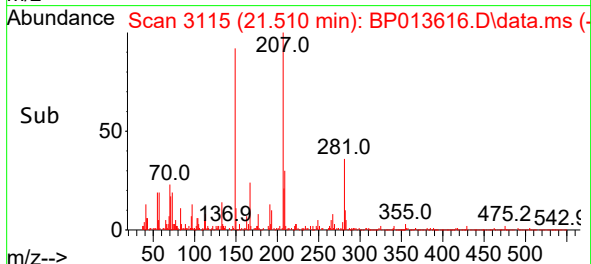
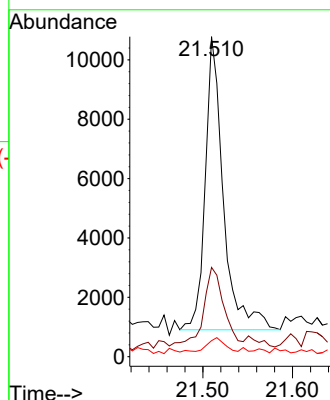
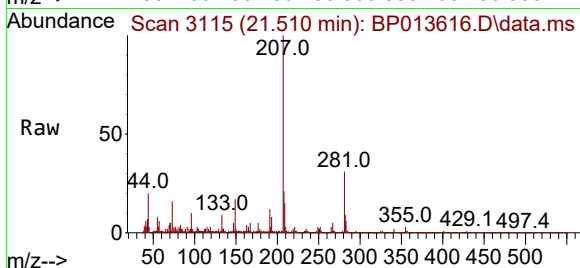
Tgt Ion:149 Resp: 13887

Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.4

279 5.0 3.8 5.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.215 min Scan# 3575

Delta R.T. -0.006 min

Lab File: BP013616.D

Acq: 27 Jan 2023 14:06

Tgt Ion:264 Resp: 1032458

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.8 17.4 26.0

