

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013023\
 Data File : BP013641.D
 Acq On : 30 Jan 2023 12:24
 Operator : CG/JU
 Sample : PB150519BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150519BL

Quant Time: Jan 31 04:21:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 31 04:17:33 2023
 Response via : Initial Calibration

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

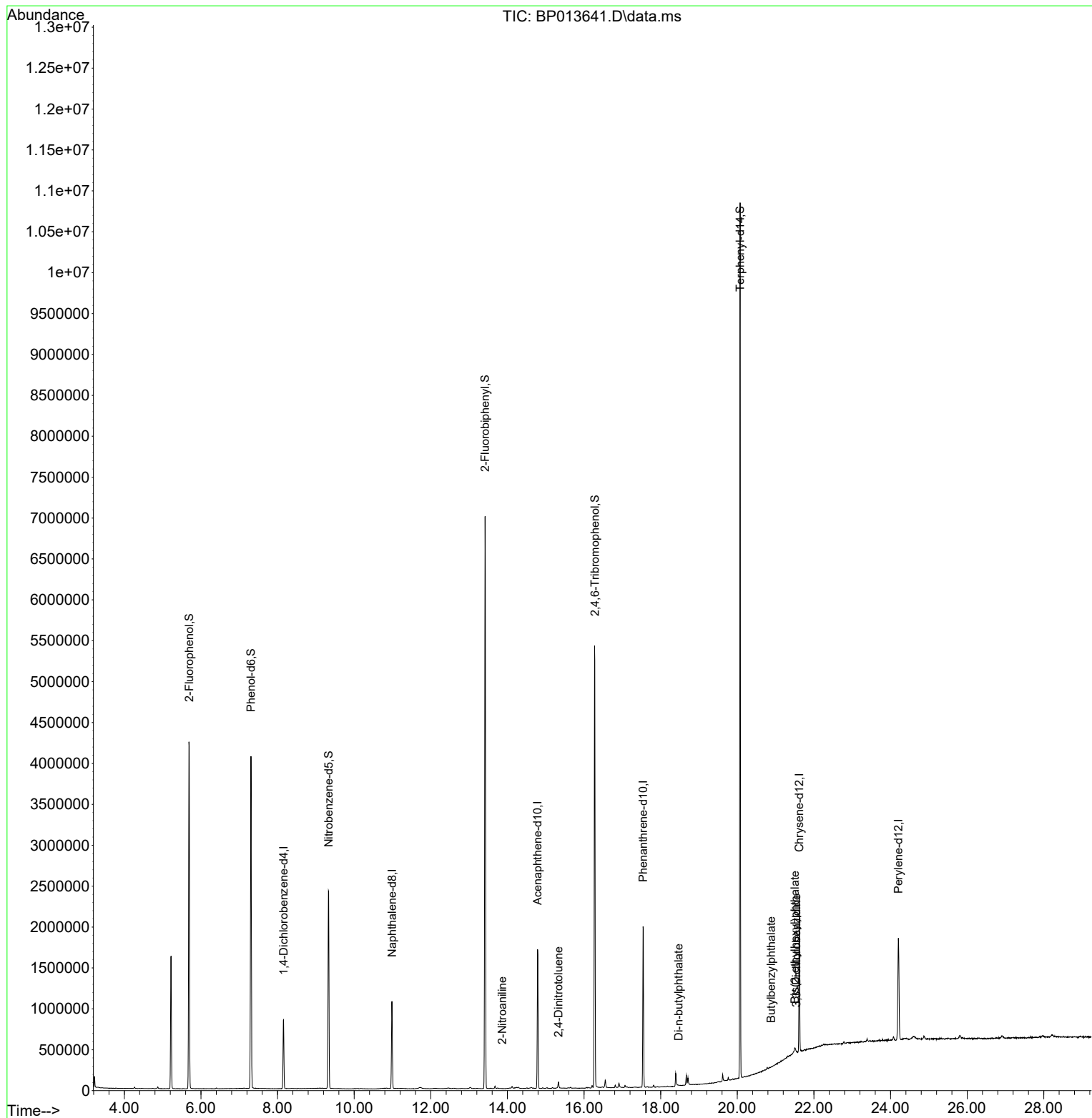
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	236389	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	891191	20.000	ng	0.00
39) Acenaphthene-d10	14.787	164	585042	20.000	ng	0.00
64) Phenanthrene-d10	17.540	188	1239052	20.000	ng	0.00
76) Chrysene-d12	21.616	240	998899	20.000	ng	0.00
86) Perylene-d12	24.204	264	1067659	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	1868908	141.674	ng	0.01
7) Phenol-d6	7.305	99	2402881	134.839	ng	0.00
23) Nitrobenzene-d5	9.334	82	1469015	90.574	ng	0.01
42) 2,4,6-Tribromophenol	16.281	330	1173342	131.730	ng	0.00
45) 2-Fluorobiphenyl	13.416	172	3676614	89.754	ng	0.00
79) Terphenyl-d14	20.075	244	5268085	93.065	ng	0.00
Target Compounds						
					Qvalue	
48) 2-Nitroaniline	13.863	65	121	3.933	ng	# 8
57) 2,4-Dinitrotoluene	15.334	165	14870	2.765	ng	# 35
74) Di-n-butylphthalate	18.469	149	2553	3.614	ng	# 95
80) Butylbenzylphthalate	20.881	149	929	5.438	ng	# 88
82) 3,3'-Dichlorobenzidine	21.545	252	983	6.402	ng	# 53
84) Bis(2-ethylhexyl)phtha...	21.504	149	4098	3.590	ng	# 96

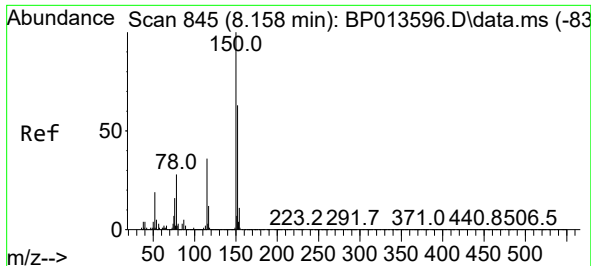
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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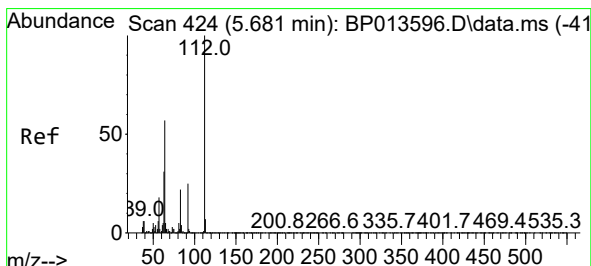
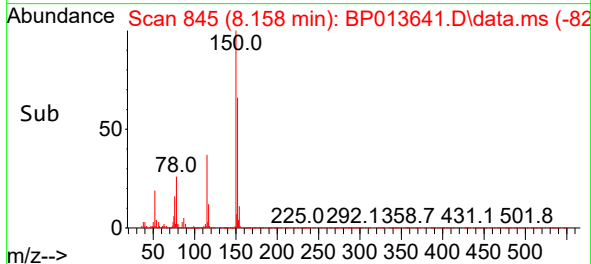
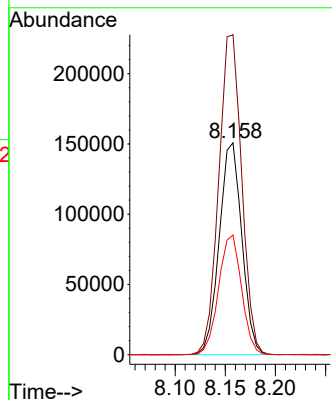
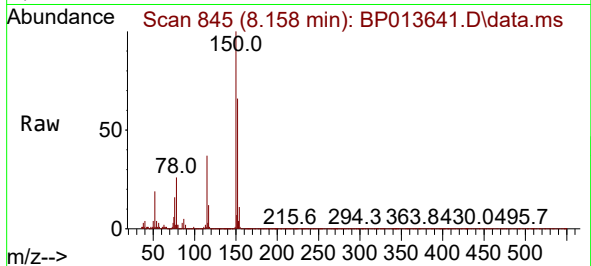




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.158 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP013641.D
Acq: 30 Jan 2023 12:24

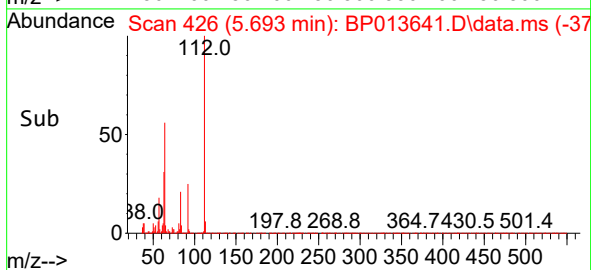
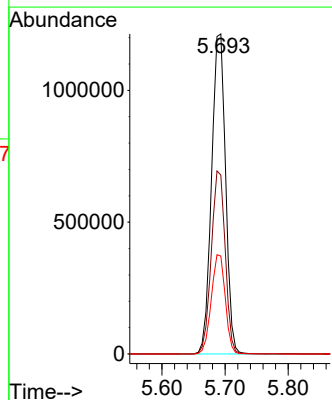
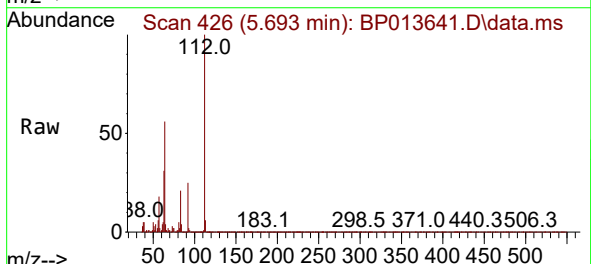
Instrument :
BNA_P
ClientSampleId :
PB150519BL

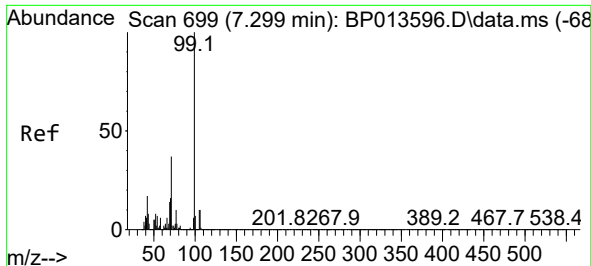
Tgt Ion:152 Resp: 236389
Ion Ratio Lower Upper
152 100
150 151.0 126.2 189.2
115 56.5 45.1 67.7



#5
2-Fluorophenol
Concen: 141.674 ng
RT: 5.693 min Scan# 426
Delta R.T. 0.012 min
Lab File: BP013641.D
Acq: 30 Jan 2023 12:24

Tgt Ion:112 Resp: 1868908
Ion Ratio Lower Upper
112 100
64 55.9 45.5 68.3
63 30.6 25.1 37.7

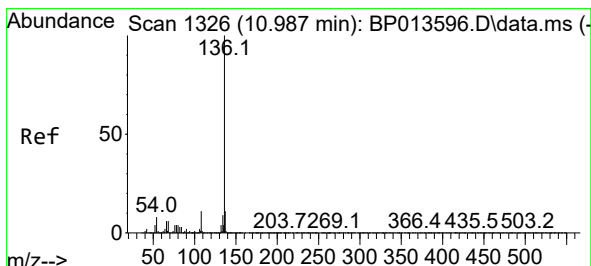
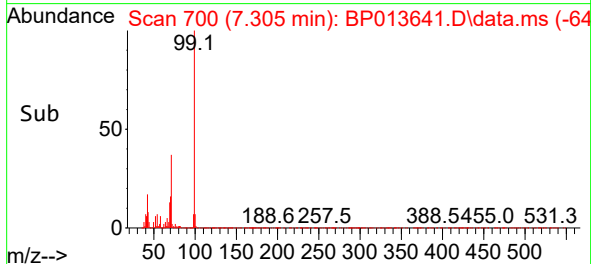
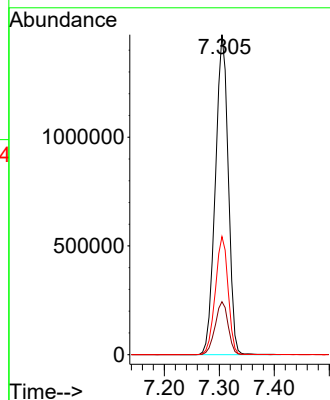
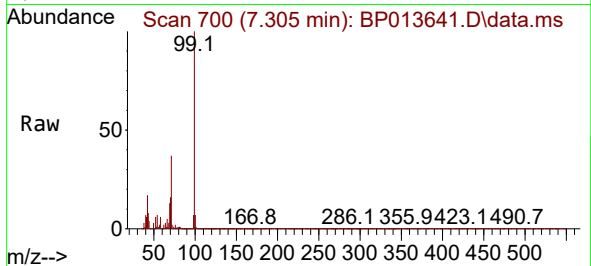




#7
Phenol-d6
Concen: 134.839 ng
RT: 7.305 min Scan# 700
Delta R.T. 0.006 min
Lab File: BP013641.D
Acq: 30 Jan 2023 12:24

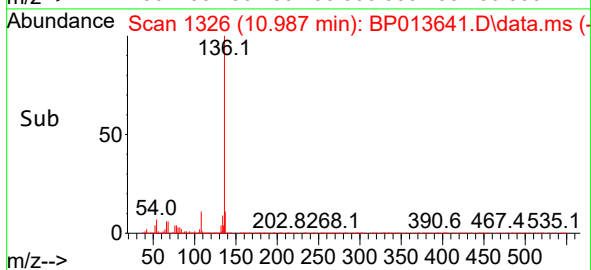
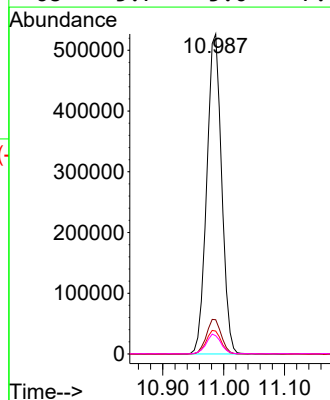
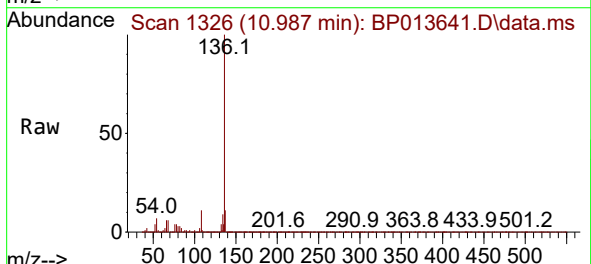
Instrument :
BNA_P
ClientSampleId :
PB150519BL

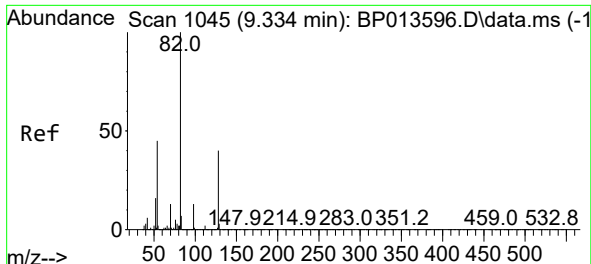
Tgt Ion: 99 Resp: 2402881
Ion Ratio Lower Upper
99 100
42 16.6 13.4 20.2
71 36.9 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 1326
Delta R.T. 0.006 min
Lab File: BP013641.D
Acq: 30 Jan 2023 12:24

Tgt Ion:136 Resp: 891191
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.2 6.1 9.1
68 5.7 5.0 7.4

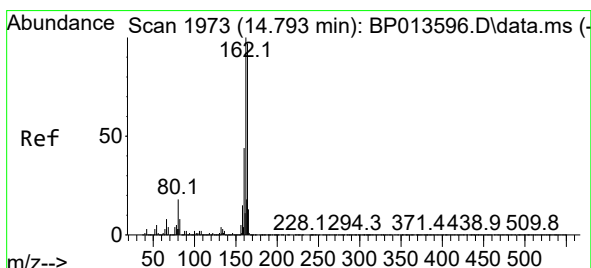
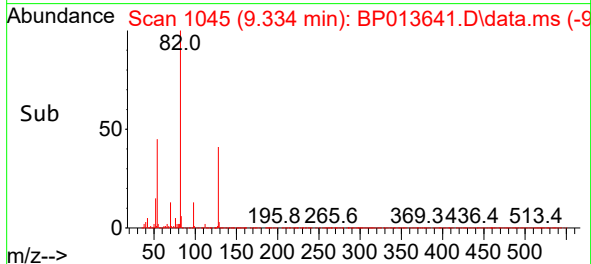
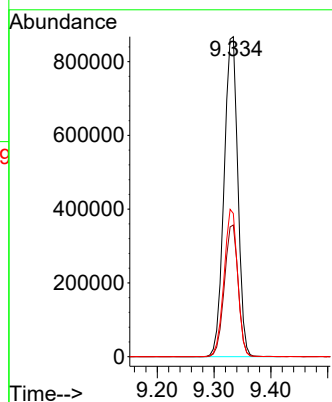
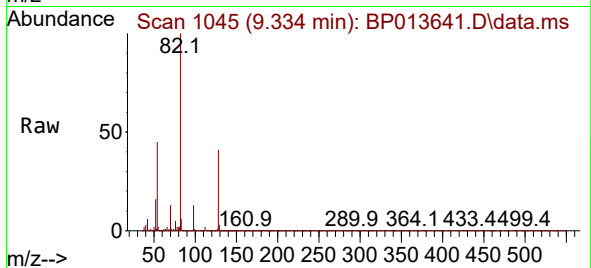




#23
Nitrobenzene-d5
Concen: 90.574 ng
RT: 9.334 min Scan# 1045
Delta R.T. 0.012 min
Lab File: BP013641.D
Acq: 30 Jan 2023 12:24

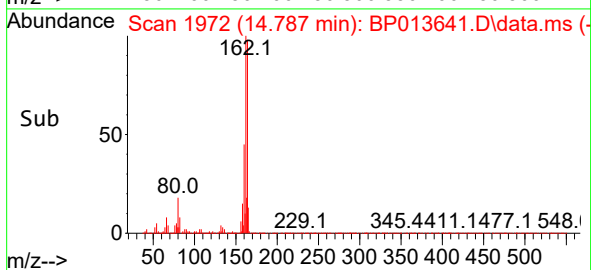
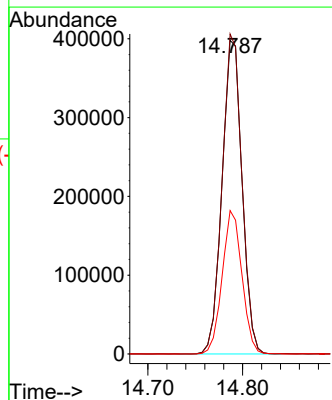
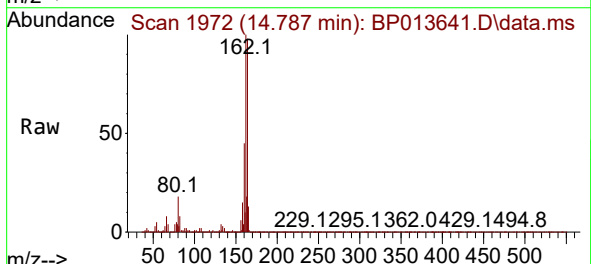
Instrument :
BNA_P
ClientSampleId :
PB150519BL

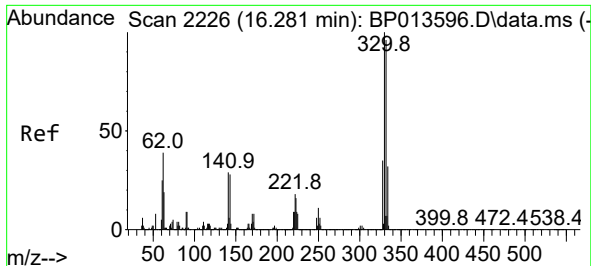
Tgt Ion: 82 Resp: 1469015
Ion Ratio Lower Upper
82 100
128 41.1 31.8 47.8
54 44.7 36.2 54.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.787 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BP013641.D
Acq: 30 Jan 2023 12:24

Tgt Ion: 164 Resp: 585042
Ion Ratio Lower Upper
164 100
162 102.1 82.3 123.5
160 45.7 36.6 54.8

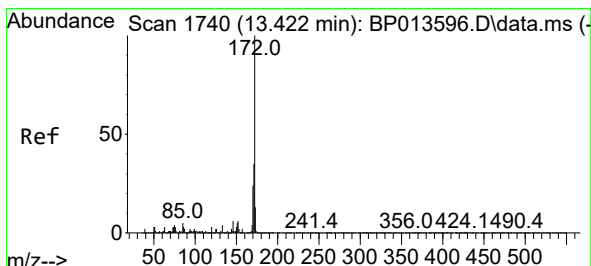
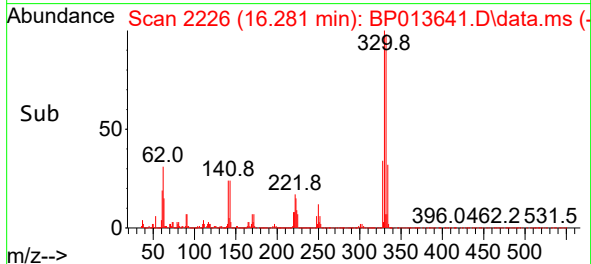
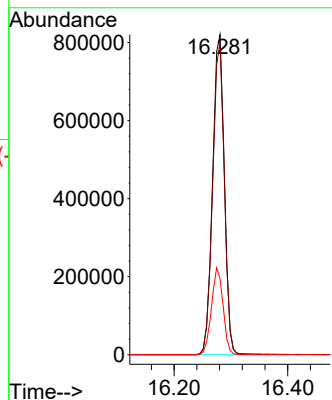
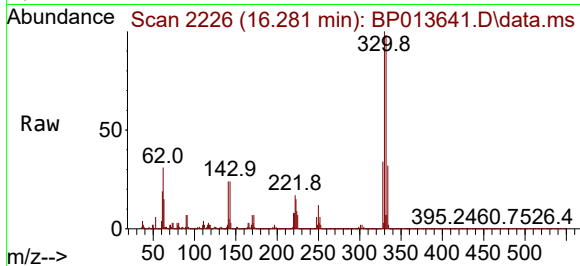




#42
2,4,6-Tribromophenol
Concen: 131.730 ng
RT: 16.281 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP013641.D
Acq: 30 Jan 2023 12:24

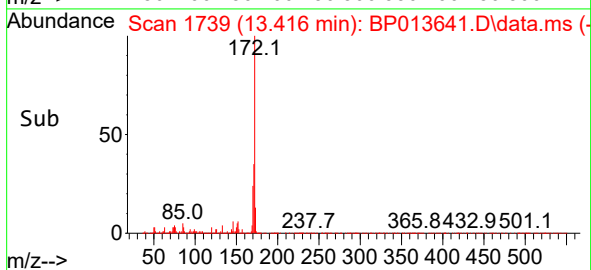
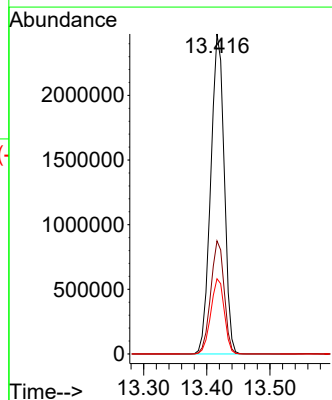
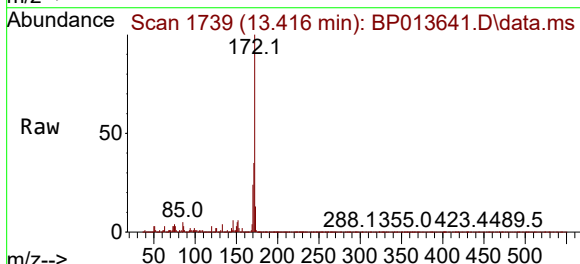
Instrument :
BNA_P
ClientSampleId :
PB150519BL

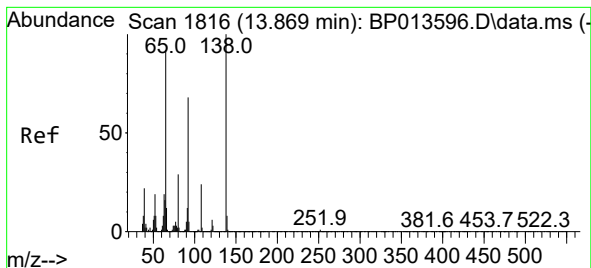
Tgt Ion: 330 Resp: 1173342
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 26.7 23.3 34.9



#45
2-Fluorobiphenyl
Concen: 89.754 ng
RT: 13.416 min Scan# 1739
Delta R.T. 0.006 min
Lab File: BP013641.D
Acq: 30 Jan 2023 12:24

Tgt Ion: 172 Resp: 3676614
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.5 19.1 28.7





#48

2-Nitroaniline

Concen: 3.933 ng

RT: 13.863 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP013641.D

Acq: 30 Jan 2023 12:24

Instrument :

BNA_P

ClientSampleId :

PB150519BL

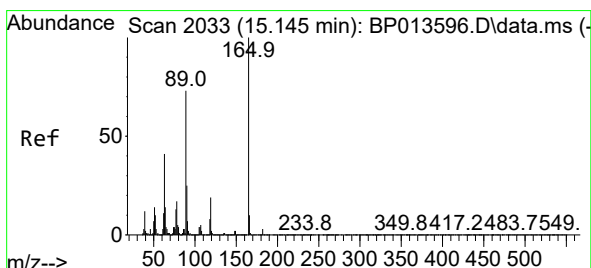
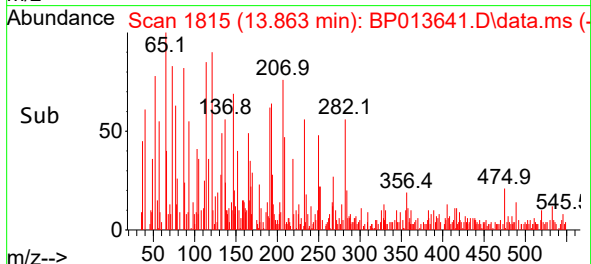
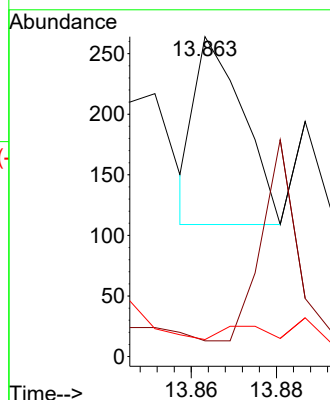
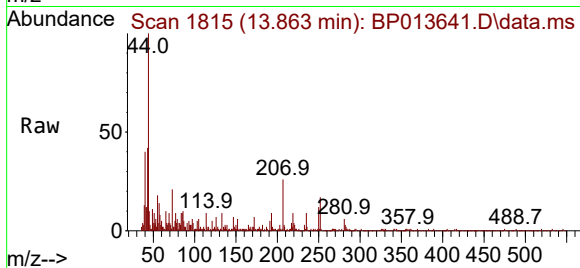
Tgt Ion: 65 Resp: 121

Ion Ratio Lower Upper

65 100

92 4.9 59.5 89.3#

138 5.3 87.1 130.7#



#57

2,4-Dinitrotoluene

Concen: 2.765 ng

RT: 15.334 min Scan# 2065

Delta R.T. 0.194 min

Lab File: BP013641.D

Acq: 30 Jan 2023 12:24

Tgt Ion: 165 Resp: 14870

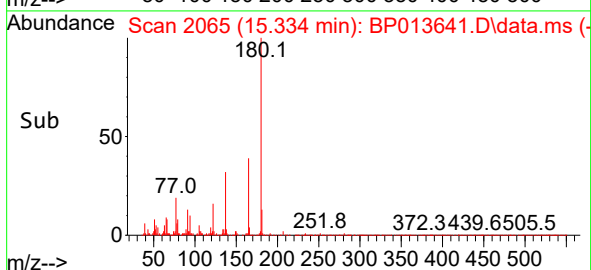
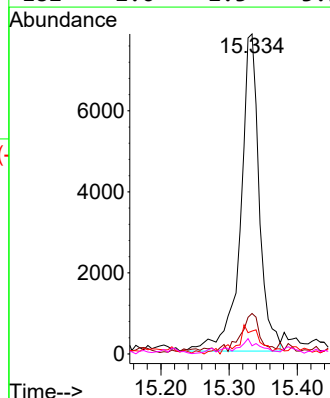
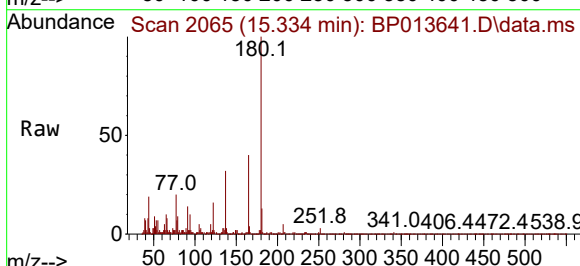
Ion Ratio Lower Upper

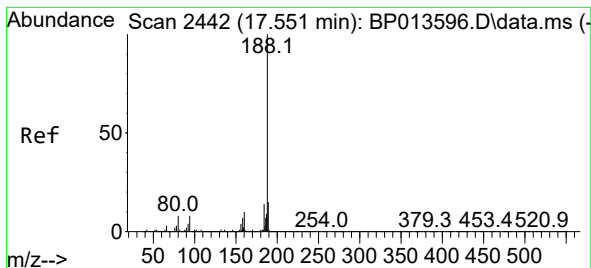
165 100

63 12.7 32.6 49.0#

89 7.2 58.4 87.6#

182 2.6 2.3 3.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.540 min Scan# 2442

Delta R.T. 0.000 min

Lab File: BP013641.D

Acq: 30 Jan 2023 12:24

Instrument :

BNA_P

ClientSampleId :

PB150519BL

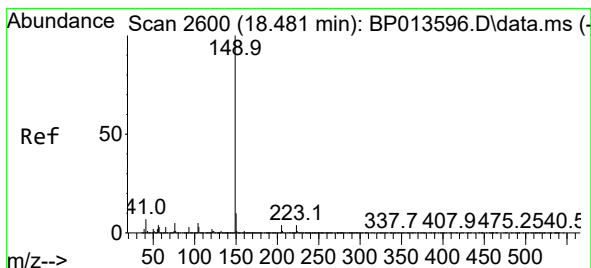
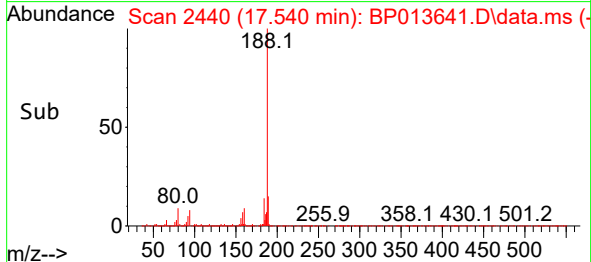
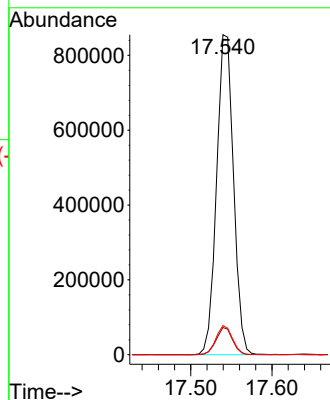
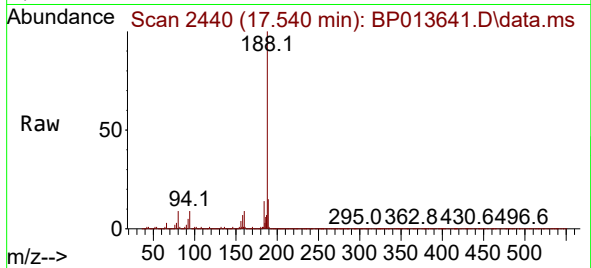
Tgt Ion:188 Resp: 1239052

Ion Ratio Lower Upper

188 100

94 8.5 6.1 9.1

80 9.1 6.6 10.0



#74

Di-n-butylphthalate

Concen: 3.614 ng

RT: 18.469 min Scan# 2598

Delta R.T. 0.000 min

Lab File: BP013641.D

Acq: 30 Jan 2023 12:24

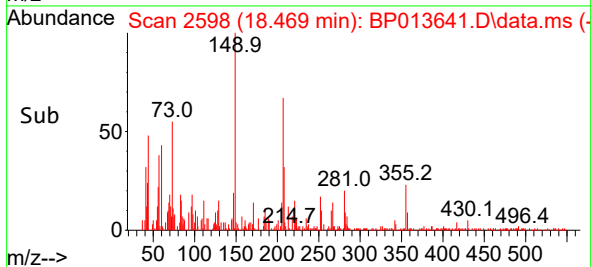
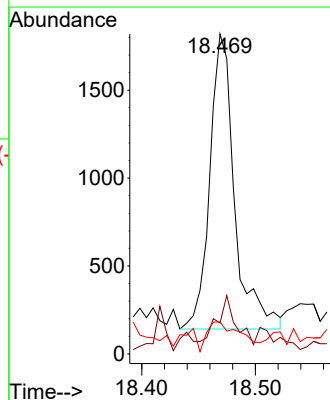
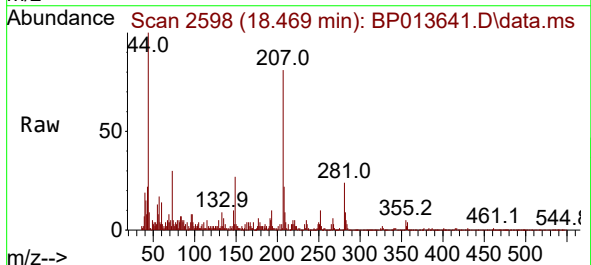
Tgt Ion:149 Resp: 2553

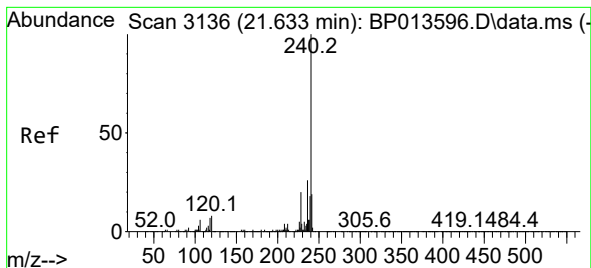
Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

104 10.0 4.4 6.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.616 min Scan# 3136

Delta R.T. 0.000 min

Lab File: BP013641.D

Acq: 30 Jan 2023 12:24

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PB150519BL

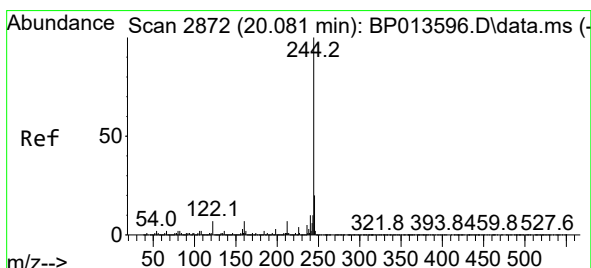
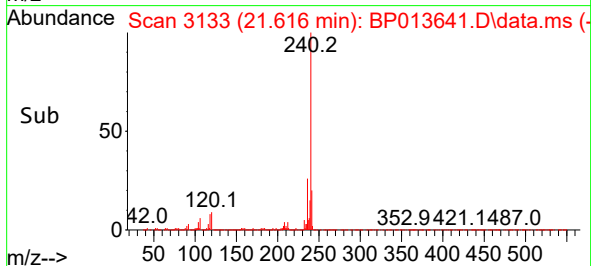
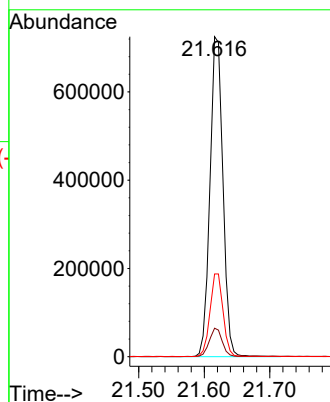
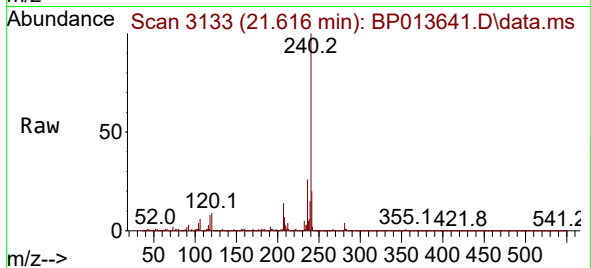
Tgt Ion:240 Resp: 998899

Ion Ratio Lower Upper

240 100

120 8.9 6.7 10.1

236 25.8 20.7 31.1



#79

Terphenyl-d14

Concen: 93.065 ng

RT: 20.075 min Scan# 2871

Delta R.T. 0.006 min

Lab File: BP013641.D

Acq: 30 Jan 2023 12:24

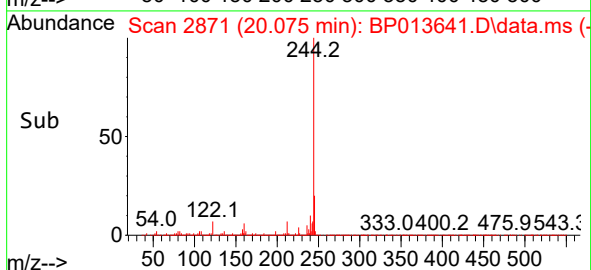
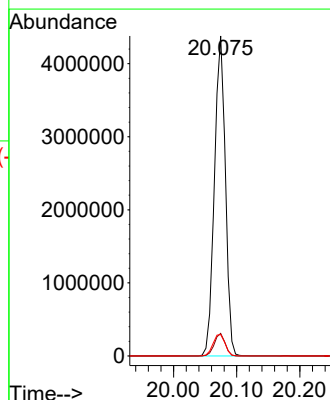
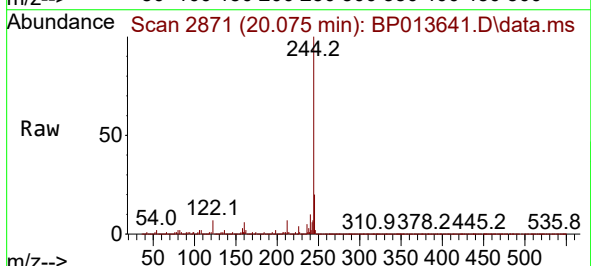
Tgt Ion:244 Resp: 5268085

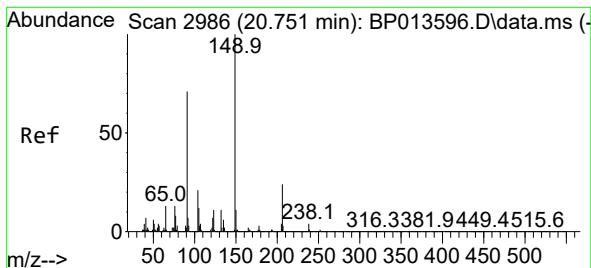
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 6.7 5.3 7.9





#80

Butylbenzylphthalate

Concen: 5.438 ng

RT: 20.881 min Scan# 3008

Delta R.T. 0.141 min

Lab File: BP013641.D

Acq: 30 Jan 2023 12:24

Instrument :

BNA_P

ClientSampleId :

PB150519BL

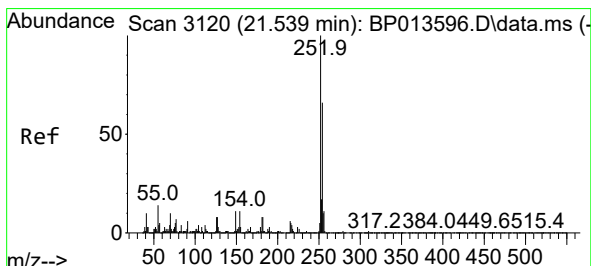
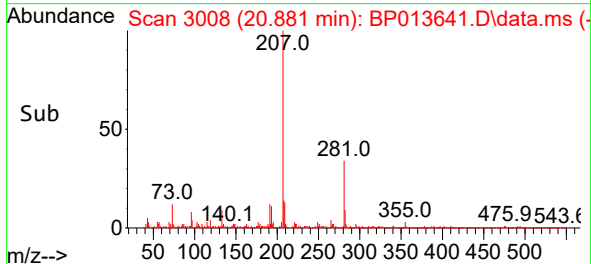
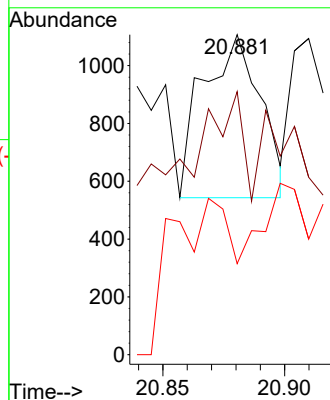
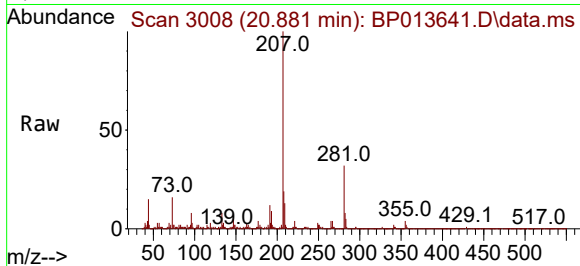
Tgt Ion:149 Resp: 929

Ion Ratio Lower Upper

149 100

91 82.2 57.0 85.6

206 28.5 19.0 28.6



#82

3,3'-Dichlorobenzidine

Concen: 6.402 ng

RT: 21.545 min Scan# 3121

Delta R.T. 0.018 min

Lab File: BP013641.D

Acq: 30 Jan 2023 12:24

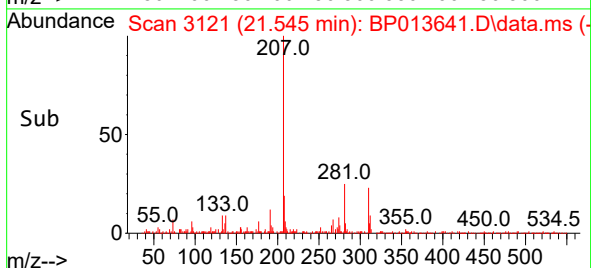
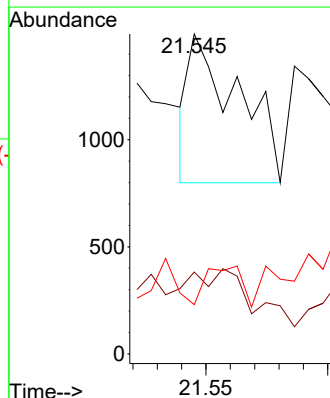
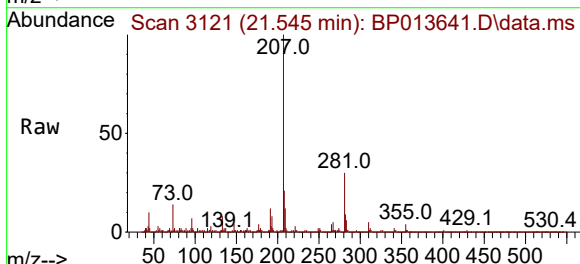
Tgt Ion:252 Resp: 983

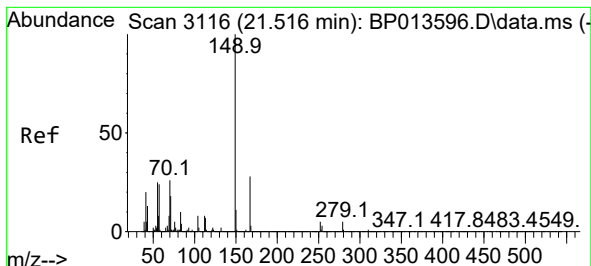
Ion Ratio Lower Upper

252 100

254 25.6 52.3 78.5#

126 15.4 6.2 9.4#

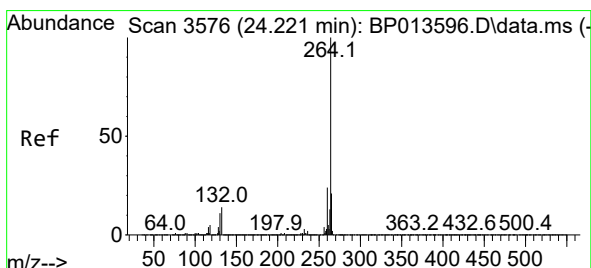
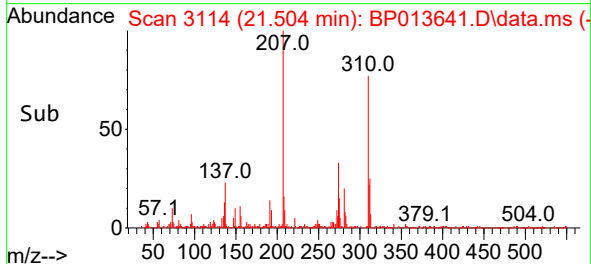
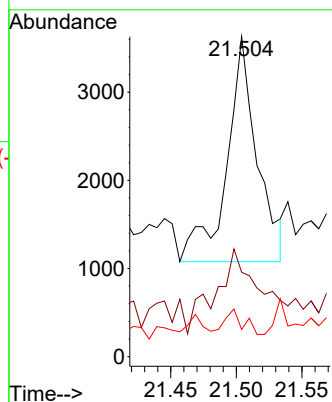
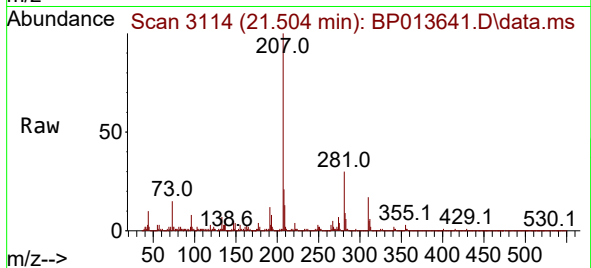




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.590 ng
 RT: 21.504 min Scan# 3114
 Delta R.T. 0.000 min
 Lab File: BP013641.D
 Acq: 30 Jan 2023 12:24

Instrument :
 BNA_P
 ClientSampleId :
 PB150519BL

Tgt Ion:149 Resp: 4098
 Ion Ratio Lower Upper
 149 100
 167 26.4 22.2 33.4
 279 8.5 3.8 5.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.204 min Scan# 3573
 Delta R.T. 0.006 min
 Lab File: BP013641.D
 Acq: 30 Jan 2023 12:24

Tgt Ion:264 Resp: 1067659
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 22.6 17.4 26.0

