

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
 Data File : BP013634.D
 Acq On : 28 Jan 2023 00:32
 Operator : CG/JU
 Sample : 01190-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PE-10

Quant Time: Jan 29 23:56:36 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)

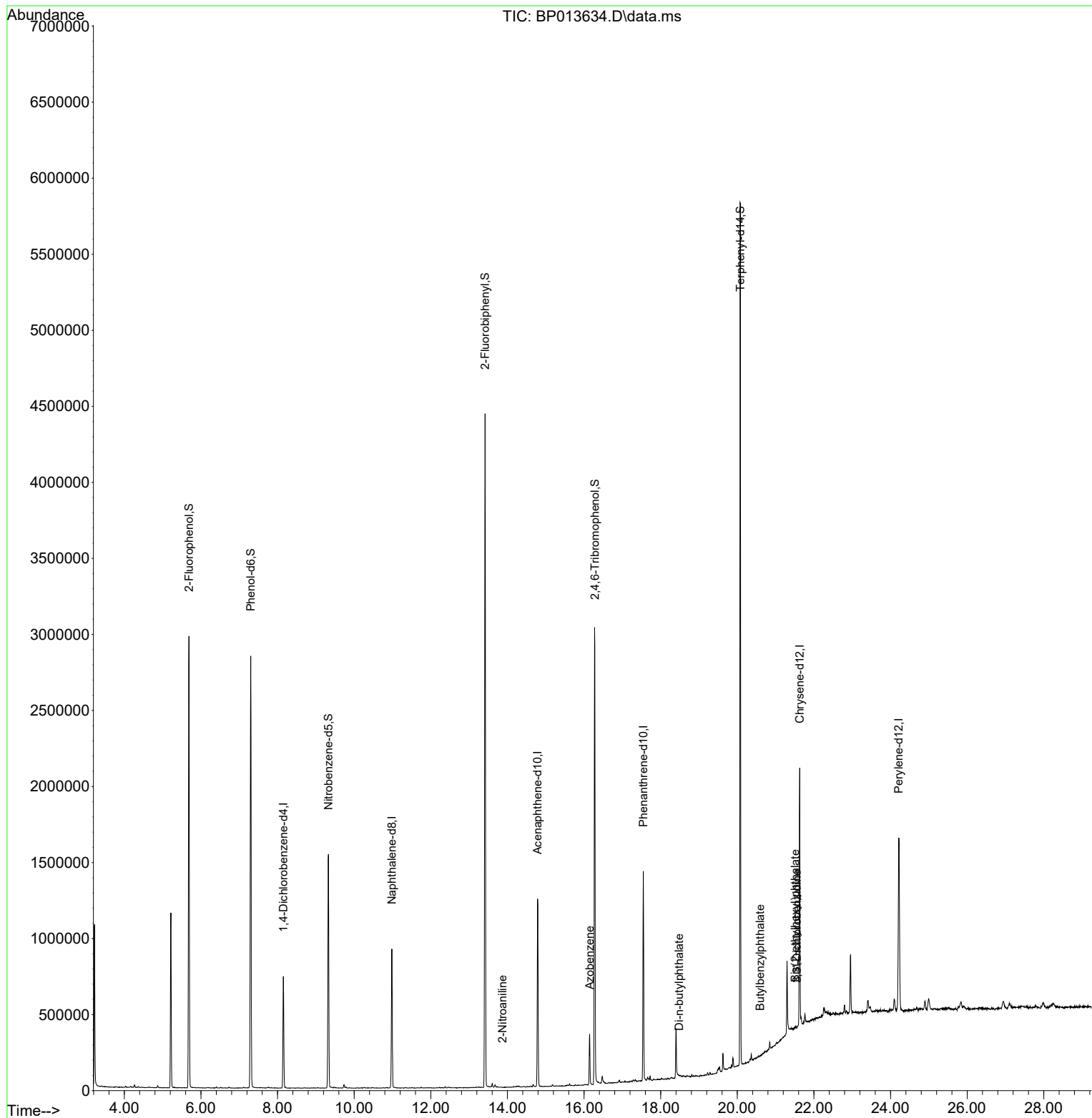
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	200254	20.000	ng	0.00
21) Naphthalene-d8	10.981	136	744283	20.000	ng	0.00
39) Acenaphthene-d10	14.787	164	442033	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	875582	20.000	ng	0.00
76) Chrysene-d12	21.628	240	819203	20.000	ng	0.00
86) Perylene-d12	24.216	264	996141	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1270460	113.686	ng	0.00
7) Phenol-d6	7.299	99	1641806	108.756	ng	0.00
23) Nitrobenzene-d5	9.328	82	899590	66.413	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	646875	96.120	ng	0.00
45) 2-Fluorobiphenyl	13.416	172	2327148	75.190	ng	0.00
79) Terphenyl-d14	20.081	244	2888248	62.215	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.869	65	92	3.933	ng	# 13
63) Azobenzene	16.145	77	93906	2.939	ng	# 1
74) Di-n-butylphthalate	18.481	149	3006	3.644	ng	# 69
80) Butylbenzylphthalate	20.598	149	283	5.390	ng	# 90
82) 3,3'-Dichlorobenzidine	21.557	252	134	6.362	ng	# 36
84) Bis(2-ethylhexyl)phtha...	21.510	149	3447	3.597	ng	# 94

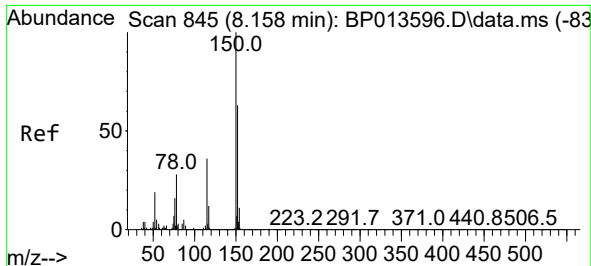
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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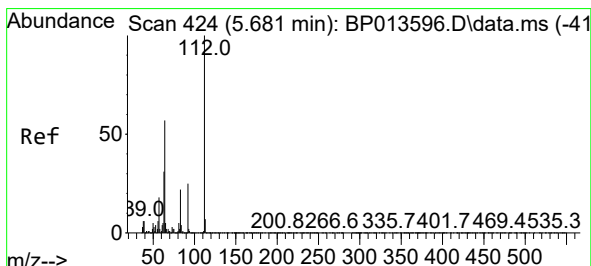
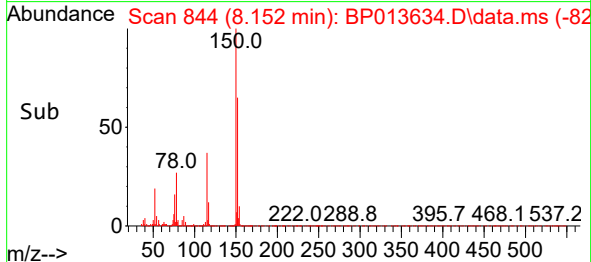
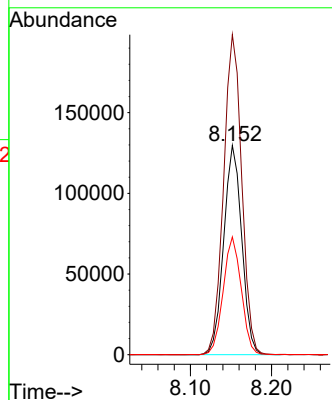
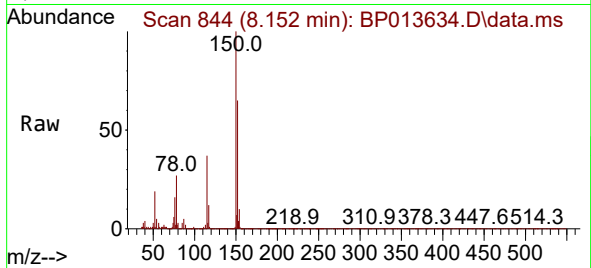




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP013634.D
Acq: 28 Jan 2023 00:32

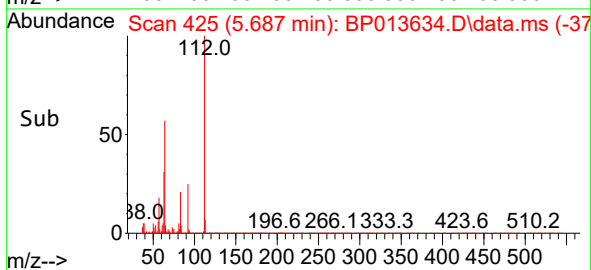
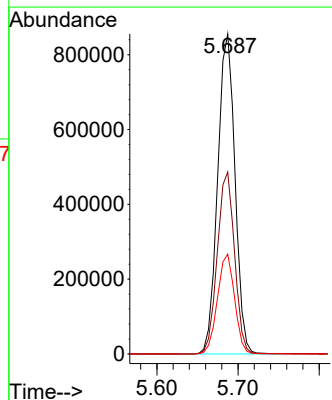
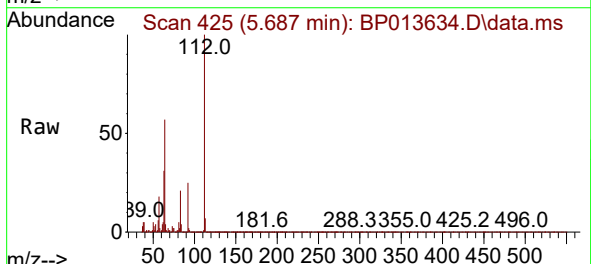
Instrument :
BNA_P
ClientSampleId :
PE-10

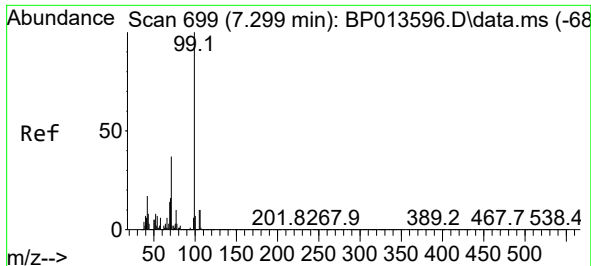
Tgt Ion:152 Resp: 200254
Ion Ratio Lower Upper
152 100
150 152.9 126.2 189.2
115 56.3 45.1 67.7



#5
2-Fluorophenol
Concen: 113.686 ng
RT: 5.687 min Scan# 425
Delta R.T. 0.006 min
Lab File: BP013634.D
Acq: 28 Jan 2023 00:32

Tgt Ion:112 Resp: 1270460
Ion Ratio Lower Upper
112 100
64 56.8 45.5 68.3
63 31.2 25.1 37.7



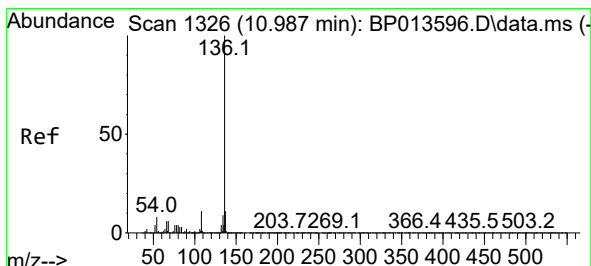
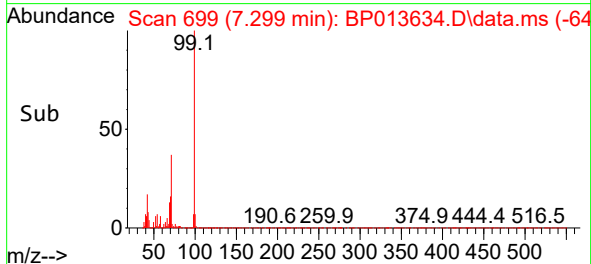
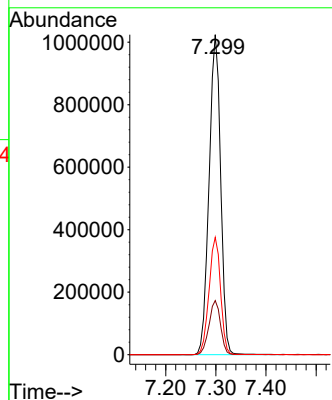
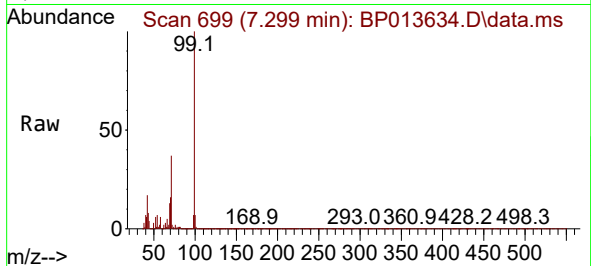


#7
Phenol-d6
Concen: 108.756 ng
RT: 7.299 min Scan# 699
Delta R.T. 0.000 min
Lab File: BP013634.D
Acq: 28 Jan 2023 00:32

Instrument :
BNA_P
ClientSampleId :
PE-10

Tgt Ion: 99 Resp: 1641806

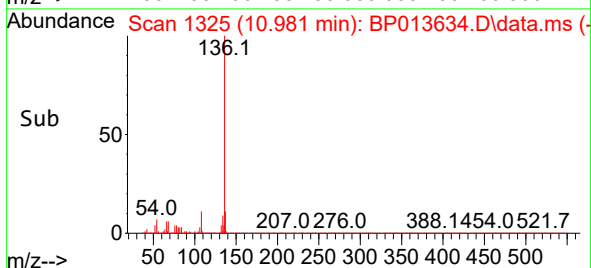
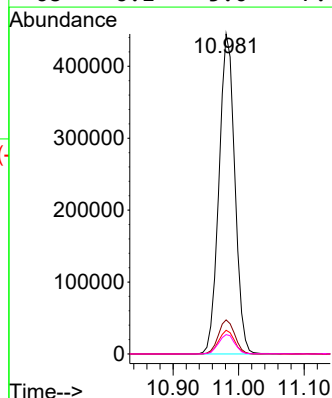
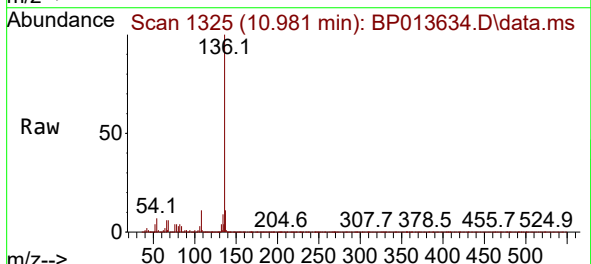
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.4	20.2
71	36.7	29.9	44.9

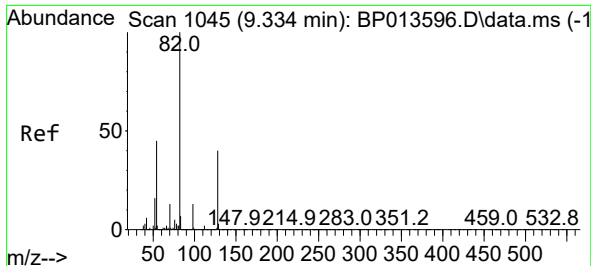


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.981 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BP013634.D
Acq: 28 Jan 2023 00:32

Tgt Ion: 136 Resp: 744283

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.7	6.1	9.1
68	6.1	5.0	7.4

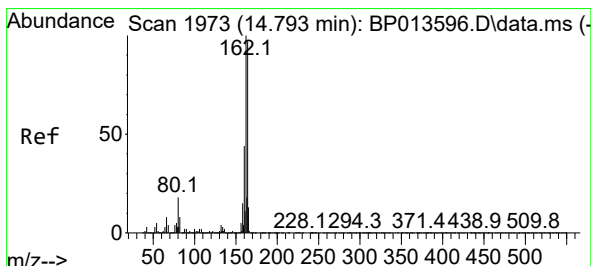
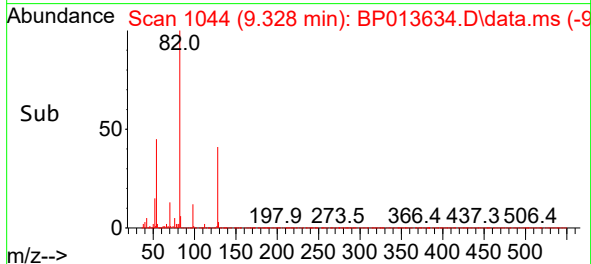
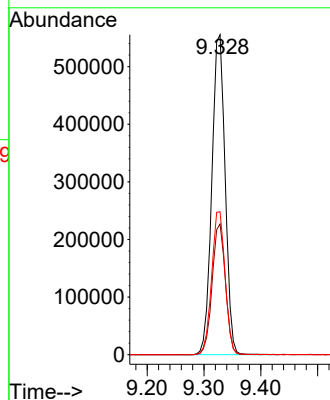
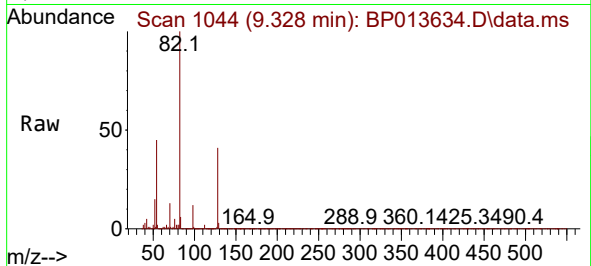




#23
Nitrobenzene-d5
Concen: 66.413 ng
RT: 9.328 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BP013634.D
Acq: 28 Jan 2023 00:32

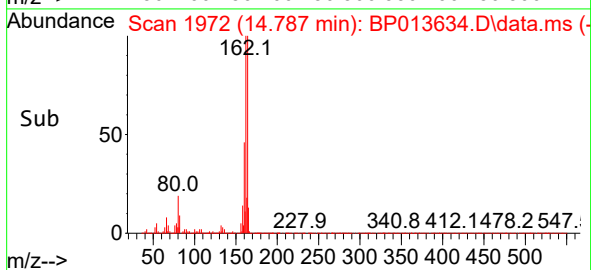
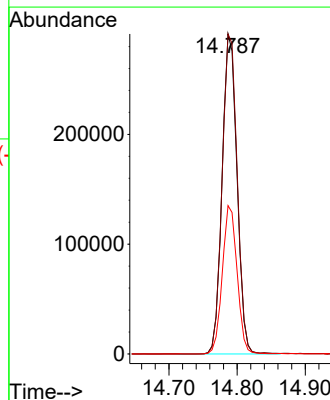
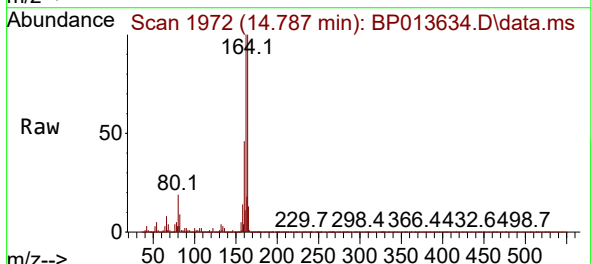
Instrument :
BNA_P
ClientSampleId :
PE-10

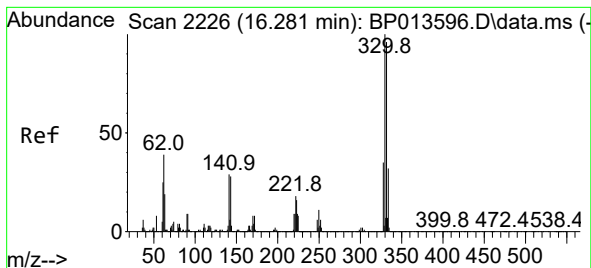
Tgt Ion: 82 Resp: 899590
Ion Ratio Lower Upper
82 100
128 40.8 31.8 47.8
54 44.6 36.2 54.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.787 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP013634.D
Acq: 28 Jan 2023 00:32

Tgt Ion: 164 Resp: 442033
Ion Ratio Lower Upper
164 100
162 100.0 82.3 123.5
160 46.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 96.120 ng

RT: 16.281 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013634.D

Acq: 28 Jan 2023 00:32

Instrument :

BNA_P

ClientSampleId :

PE-10

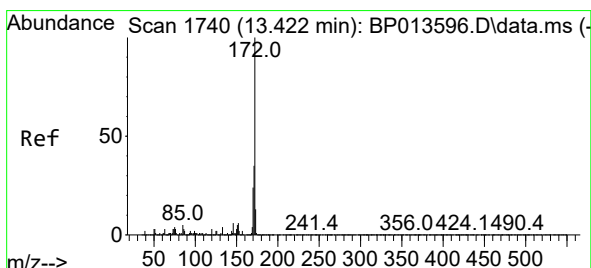
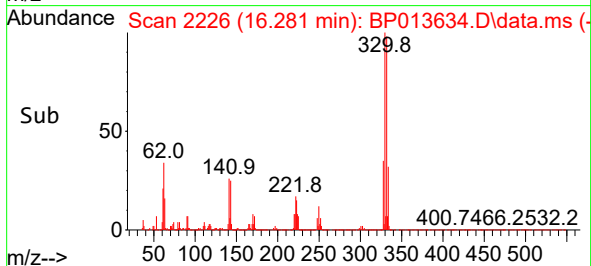
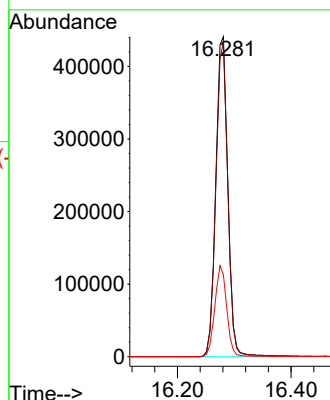
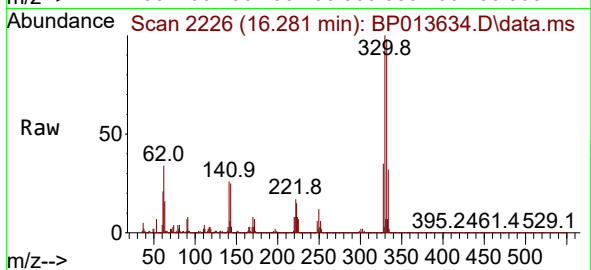
Tgt Ion:330 Resp: 646875

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.4

141 28.3 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 75.190 ng

RT: 13.416 min Scan# 1739

Delta R.T. -0.006 min

Lab File: BP013634.D

Acq: 28 Jan 2023 00:32

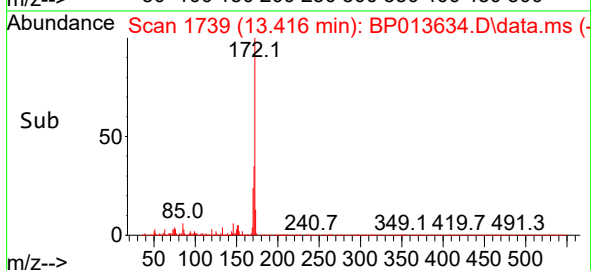
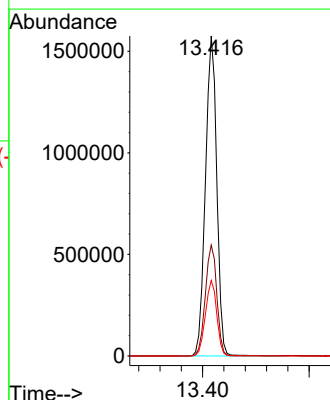
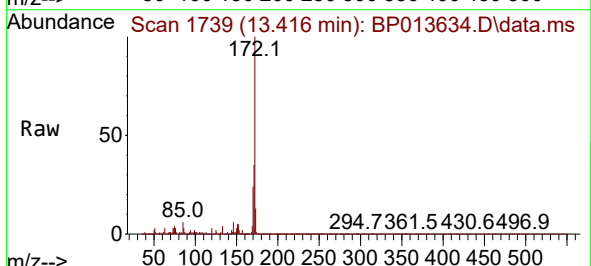
Tgt Ion:172 Resp: 2327148

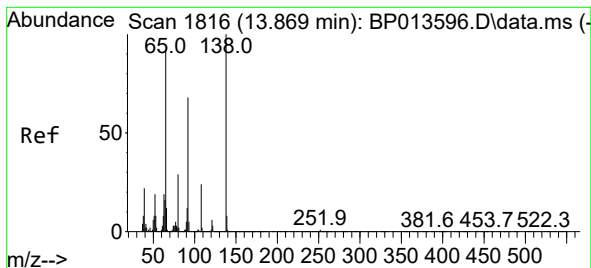
Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.4

170 23.6 19.1 28.7





#48

2-Nitroaniline

Concen: 3.933 ng

RT: 13.869 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP013634.D

Acq: 28 Jan 2023 00:32

Instrument :

BNA_P

ClientSampleId :

PE-10

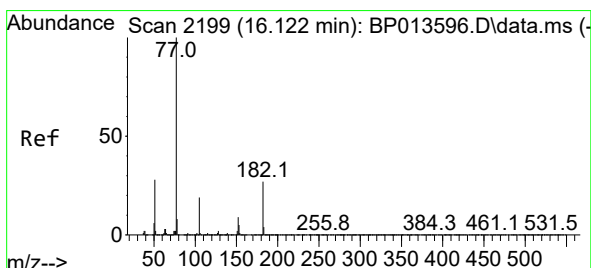
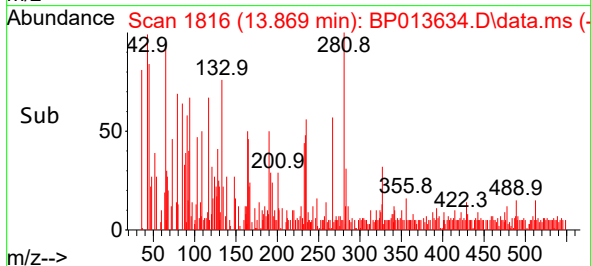
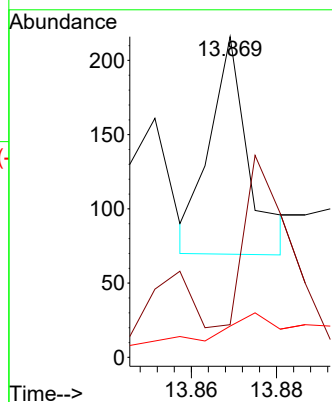
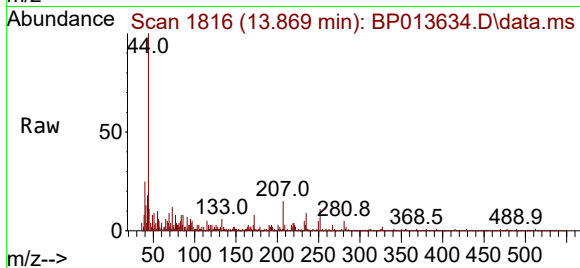
Tgt Ion: 65 Resp: 92

Ion Ratio Lower Upper

65 100

92 10.2 59.5 89.3#

138 9.7 87.1 130.7#



#63

Azobenzene

Concen: 2.939 ng

RT: 16.145 min Scan# 2203

Delta R.T. 0.023 min

Lab File: BP013634.D

Acq: 28 Jan 2023 00:32

Tgt Ion: 77 Resp: 93906

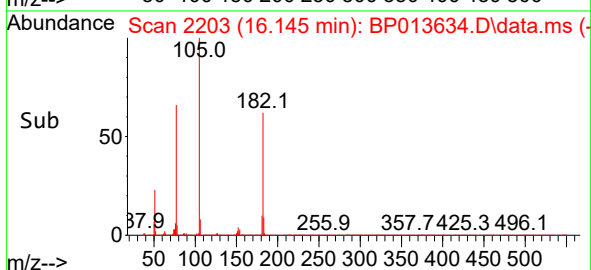
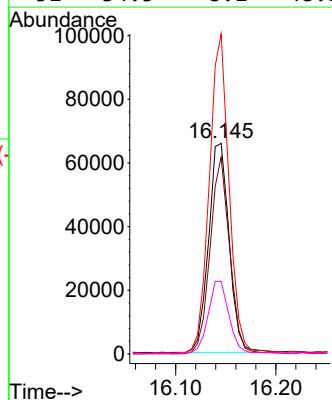
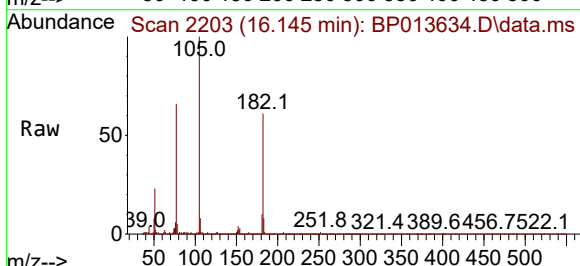
Ion Ratio Lower Upper

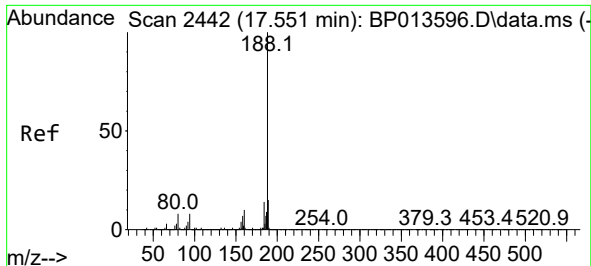
77 100

182 93.4 7.0 47.0#

105 151.9 0.0 39.2#

51 34.5 8.1 48.1

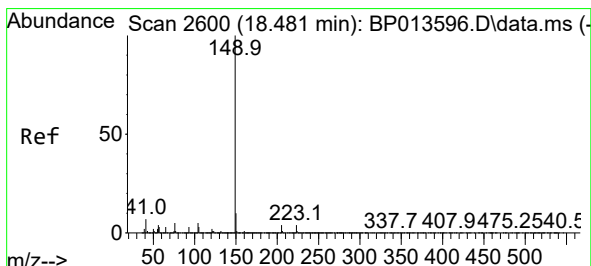
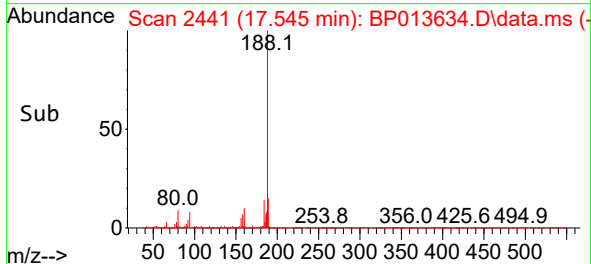
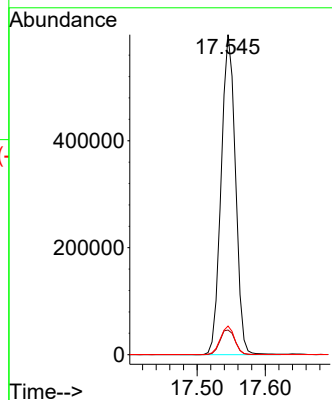
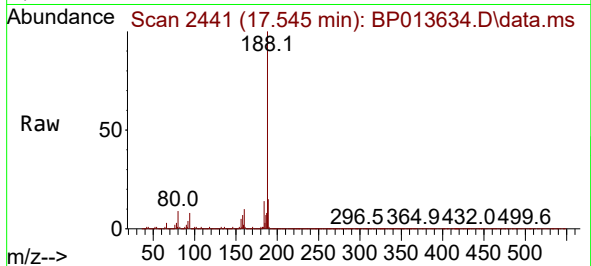




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.545 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BP013634.D
Acq: 28 Jan 2023 00:32

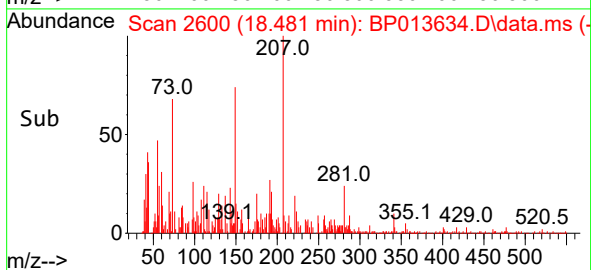
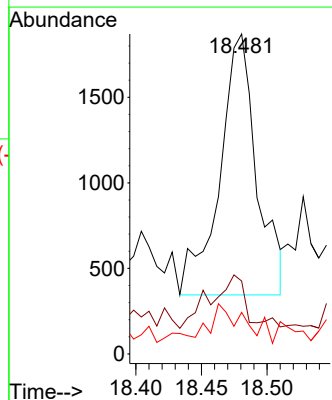
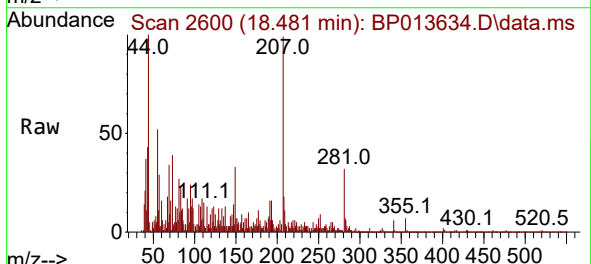
Instrument :
BNA_P
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PE-10

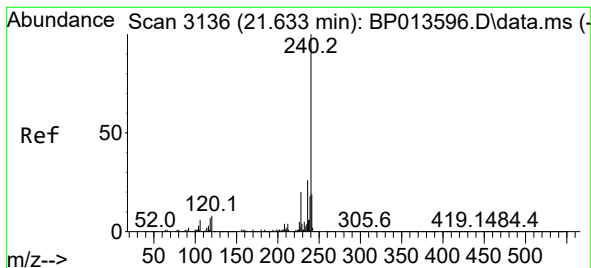
Tgt Ion:188 Resp: 875582
Ion Ratio Lower Upper
188 100
94 7.7 6.1 9.1
80 8.9 6.6 10.0



#74
Di-n-butylphthalate
Concen: 3.644 ng
RT: 18.481 min Scan# 2600
Delta R.T. -0.000 min
Lab File: BP013634.D
Acq: 28 Jan 2023 00:32

Tgt Ion:149 Resp: 3006
Ion Ratio Lower Upper
149 100
150 22.8 7.6 11.4#
104 13.0 4.4 6.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.628 min Scan# 3136

Delta R.T. -0.006 min

Lab File: BP013634.D

Acq: 28 Jan 2023 00:32

Instrument :

BNA_P

ClientSampleId :

PE-10

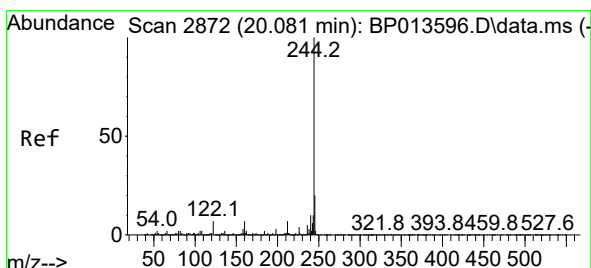
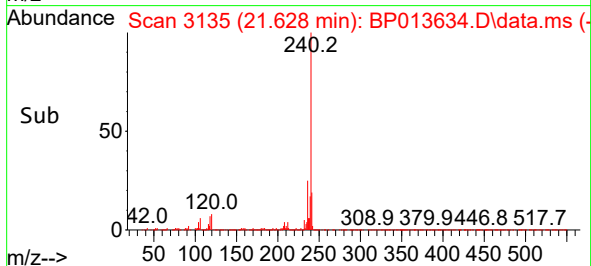
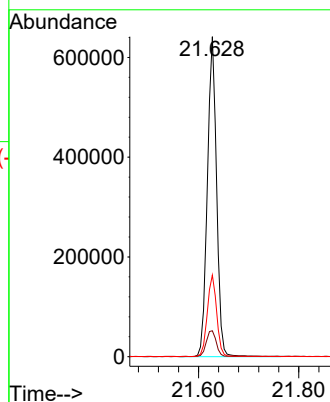
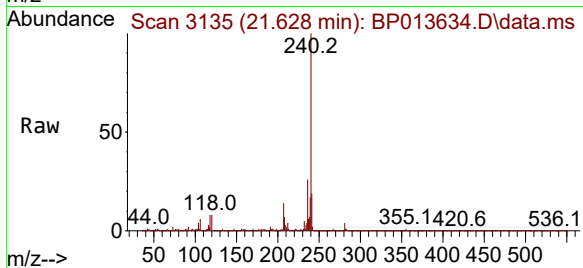
Tgt Ion:240 Resp: 819203

Ion Ratio Lower Upper

240 100

120 8.1 6.7 10.1

236 25.5 20.7 31.1



#79

Terphenyl-d14

Concen: 62.215 ng

RT: 20.081 min Scan# 2872

Delta R.T. 0.000 min

Lab File: BP013634.D

Acq: 28 Jan 2023 00:32

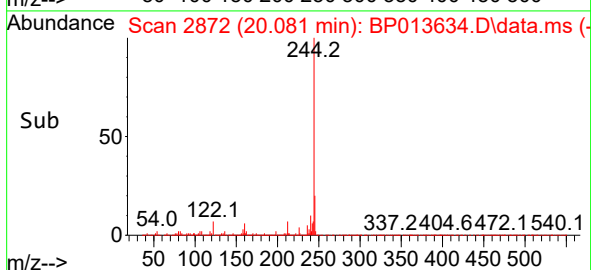
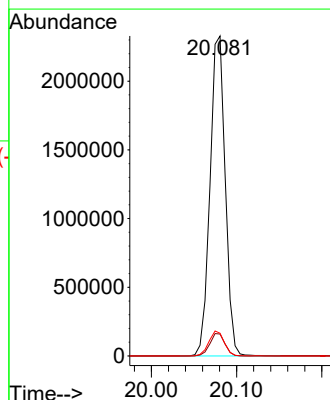
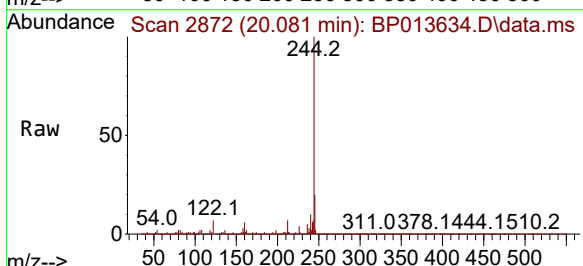
Tgt Ion:244 Resp: 2888248

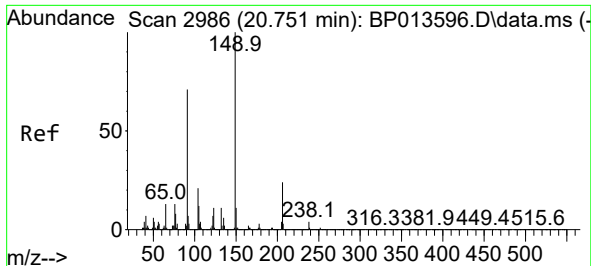
Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 7.1 5.3 7.9

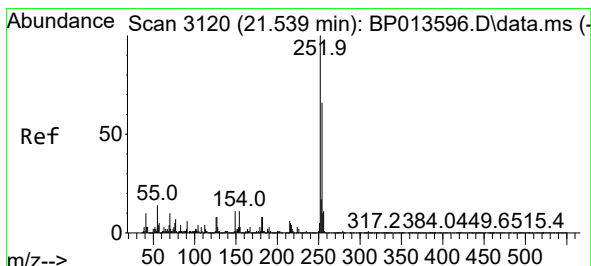
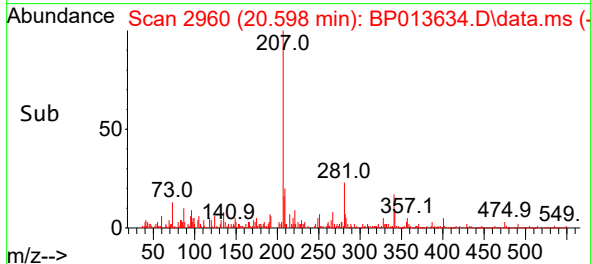
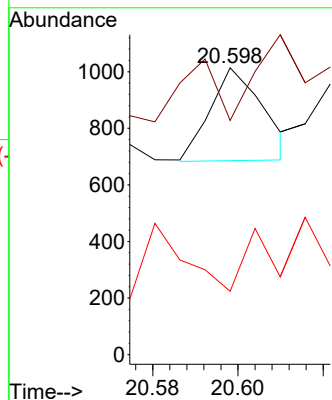
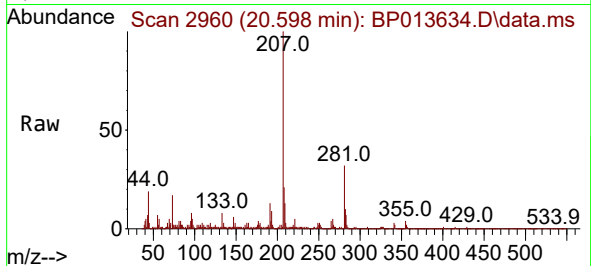




#80
Butylbenzylphthalate
Concen: 5.390 ng
RT: 20.598 min Scan# 2986
Delta R.T. -0.153 min
Lab File: BP013634.D
Acq: 28 Jan 2023 00:32

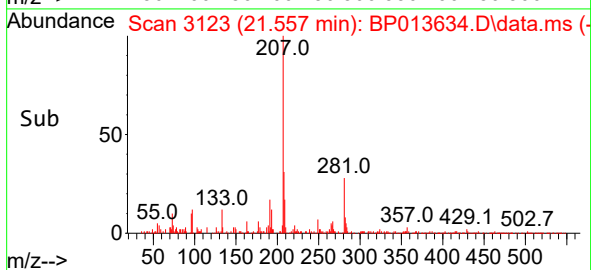
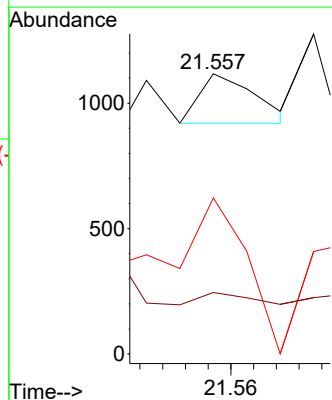
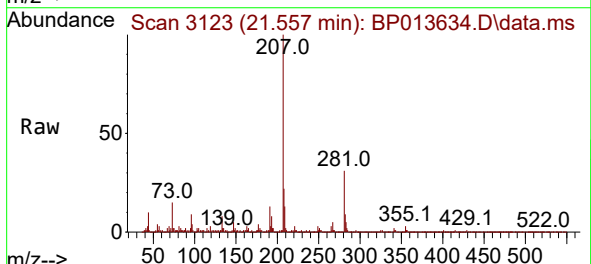
Instrument :
BNA_P
ClientSampleId :
PE-10

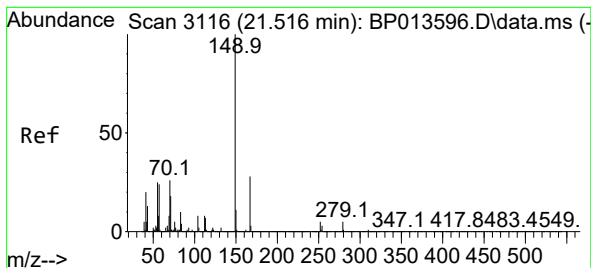
Tgt Ion:149 Resp: 283
Ion Ratio Lower Upper
149 100
91 81.7 57.0 85.6
206 22.1 19.0 28.6



#82
3,3'-Dichlorobenzidine
Concen: 6.362 ng
RT: 21.557 min Scan# 3123
Delta R.T. 0.018 min
Lab File: BP013634.D
Acq: 28 Jan 2023 00:32

Tgt Ion:252 Resp: 134
Ion Ratio Lower Upper
252 100
254 21.9 52.3 78.5#
126 55.7 6.2 9.4#





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.597 ng

RT: 21.510 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BP013634.D

Acq: 28 Jan 2023 00:32

Instrument :

BNA_P

ClientSampleId :

PE-10

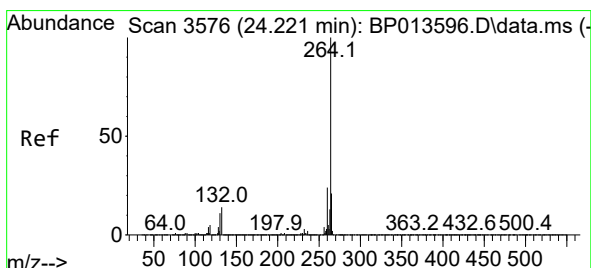
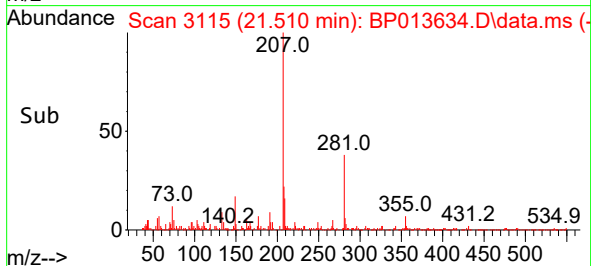
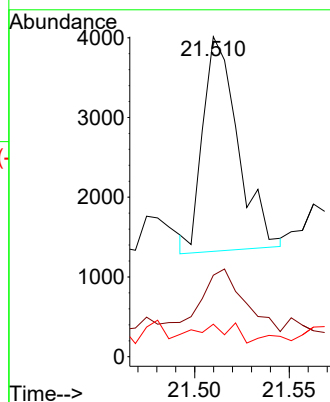
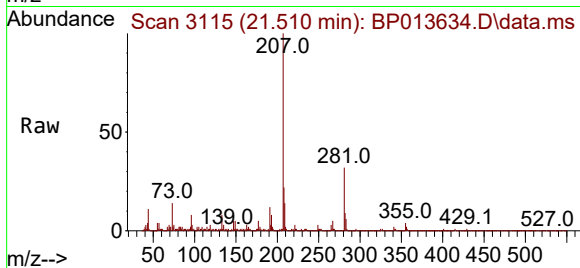
Tgt Ion:149 Resp: 3447

Ion Ratio Lower Upper

149 100

167 25.4 22.2 33.4

279 10.2 3.8 5.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.216 min Scan# 3575

Delta R.T. -0.006 min

Lab File: BP013634.D

Acq: 28 Jan 2023 00:32

Tgt Ion:264 Resp: 996141

Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 22.0 17.4 26.0

