

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
 Data File : BP013580.D
 Acq On : 24 Jan 2023 20:27
 Operator : CG/JU
 Sample : 01260-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-24

Quant Time: Jan 25 03:51:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 03:43:27 2023
 Response via : Initial Calibration

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

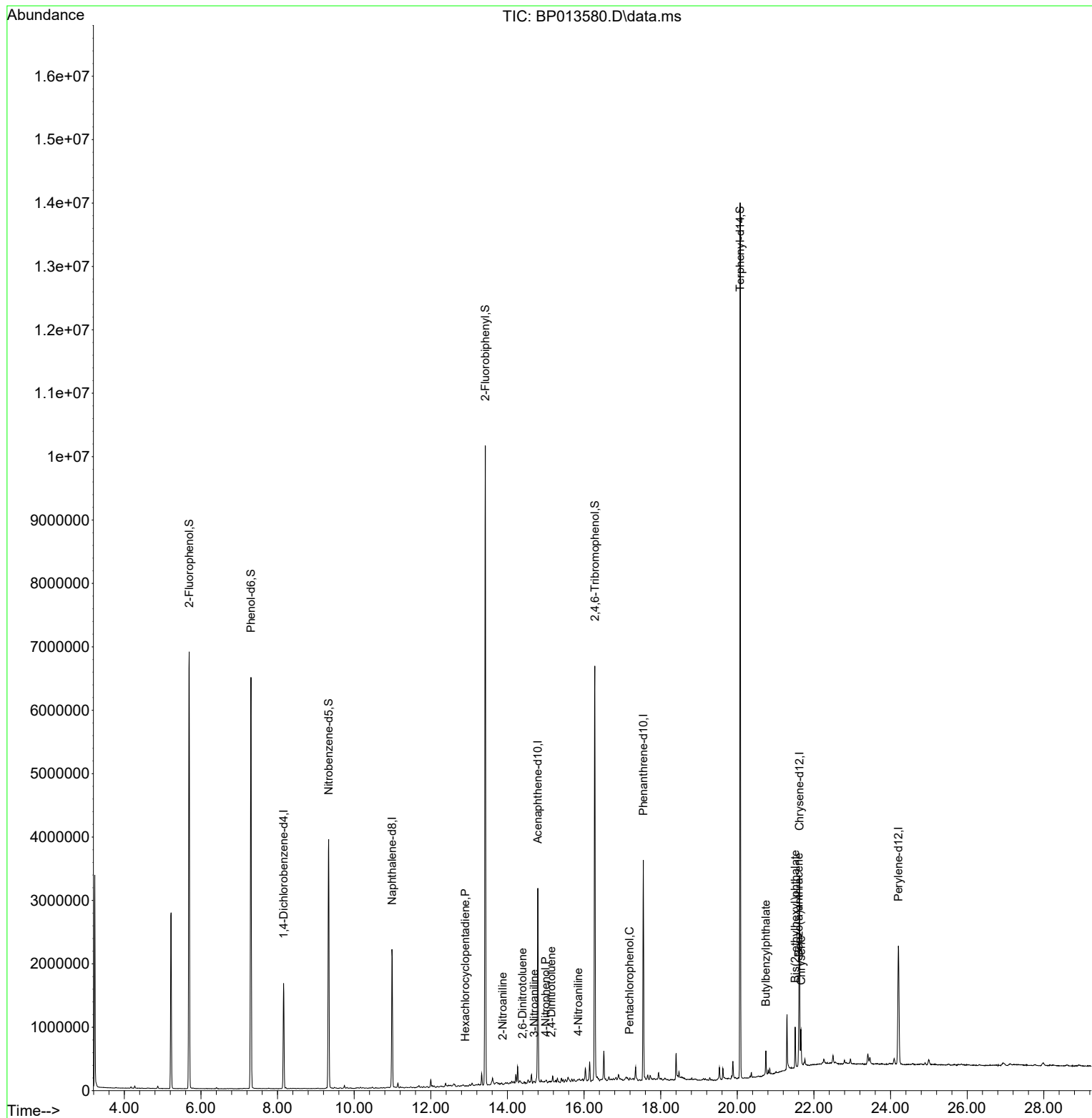
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.157	152	461481	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	1831215	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	1039737	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	2071149	20.000	ng	0.00
76) Chrysene-d12	21.621	240	1379190	20.000	ng	0.00
86) Perylene-d12	24.204	264	1535867	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	3150636	116.975	ng	0.00
7) Phenol-d6	7.305	99	3952136	109.024	ng	0.00
23) Nitrobenzene-d5	9.334	82	2225233	80.221	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	1291330	123.821	ng	0.00
45) 2-Fluorobiphenyl	13.422	172	5222649	68.949	ng	0.00
79) Terphenyl-d14	20.074	244	6469444	84.387	ng	0.00
Target Compounds						
						Qvalue
41) Hexachlorocyclopentadiene	12.898	237	47	3.906	ng	92
48) 2-Nitroaniline	13.875	65	396	6.240	ng	# 53
51) 2,6-Dinitrotoluene	14.392	165	147	5.173	ng	# 63
53) 3-Nitroaniline	14.698	138	1810	5.501	ng	# 46
54) 2,4-Dinitrophenol	14.875	184	98	Below Cal		# 1
56) 4-Nitrophenol	14.998	139	2618	5.379	ng	# 29
57) 2,4-Dinitrotoluene	15.145	165	1081	5.247	ng	# 86
62) 4-Nitroaniline	15.845	138	2222	3.787	ng	91
70) Pentachlorophenol	17.186	266	669	5.367	ng	91
80) Butylbenzylphthalate	20.745	149	125063	3.725	ng	99
81) Benzo(a)anthracene	21.604	228	317244	3.302	ng	98
83) Chrysene	21.663	228	365635	3.979	ng	98
84) Bis(2-ethylhexyl)phtha...	21.510	149	245048	4.560	ng	98

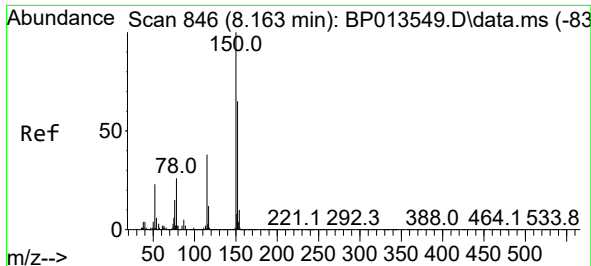
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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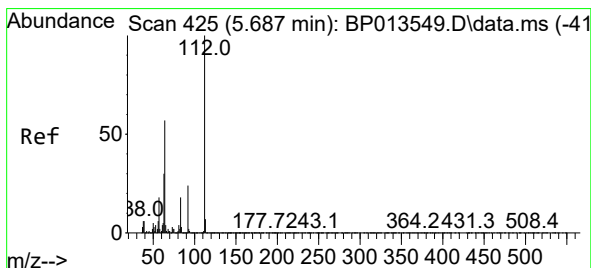
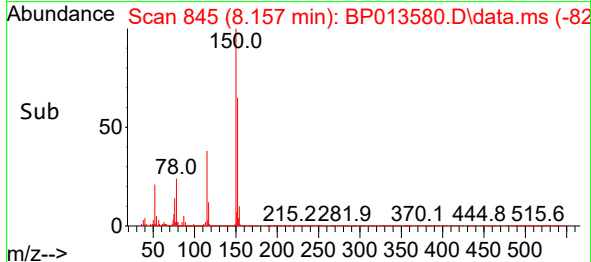
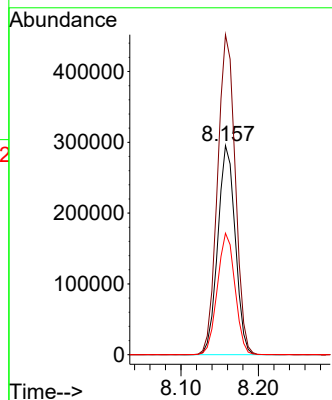
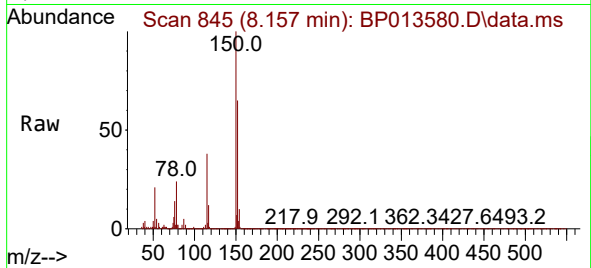




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.157 min Scan# 846
Delta R.T. -0.007 min
Lab File: BP013580.D
Acq: 24 Jan 2023 20:27

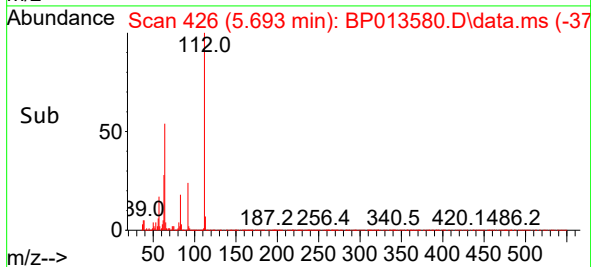
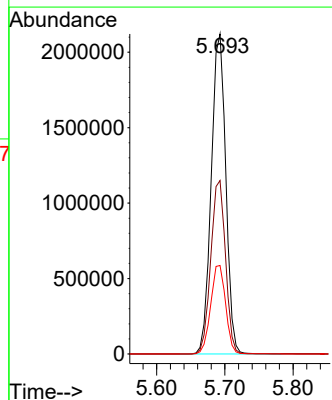
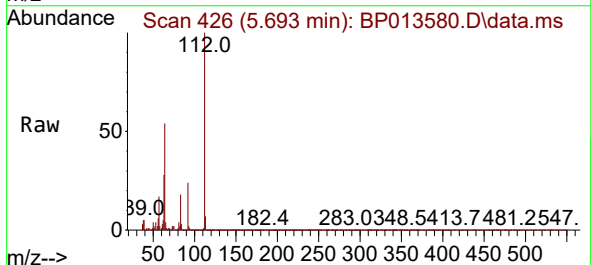
Instrument :
BNA_P
ClientSampleId :
TP-24

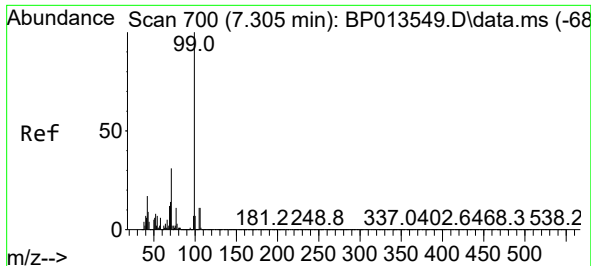
Tgt Ion:152 Resp: 461481
Ion Ratio Lower Upper
152 100
150 153.0 122.4 183.6
115 58.1 46.1 69.1



#5
2-Fluorophenol
Concen: 116.975 ng
RT: 5.693 min Scan# 426
Delta R.T. 0.006 min
Lab File: BP013580.D
Acq: 24 Jan 2023 20:27

Tgt Ion:112 Resp: 3150636
Ion Ratio Lower Upper
112 100
64 54.2 45.4 68.0
63 27.7 24.1 36.1

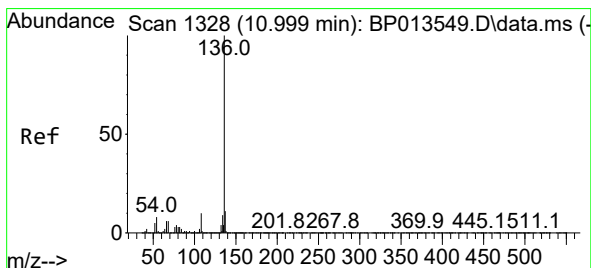
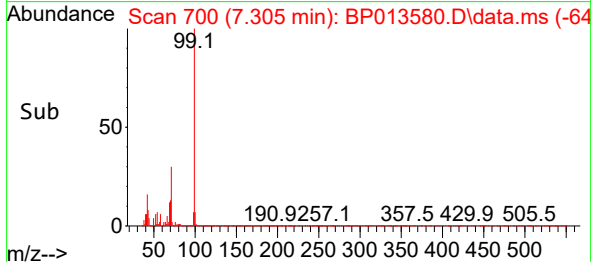
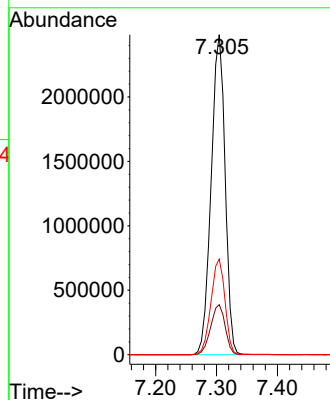
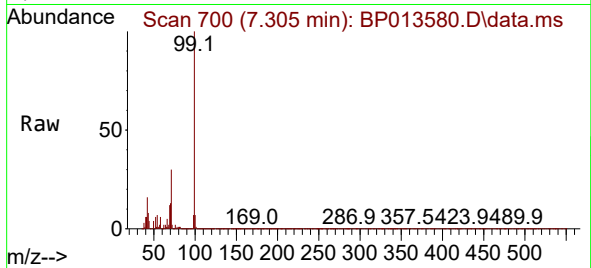




#7
Phenol-d6
Concen: 109.024 ng
RT: 7.305 min Scan# 700
Delta R.T. 0.006 min
Lab File: BP013580.D
Acq: 24 Jan 2023 20:27

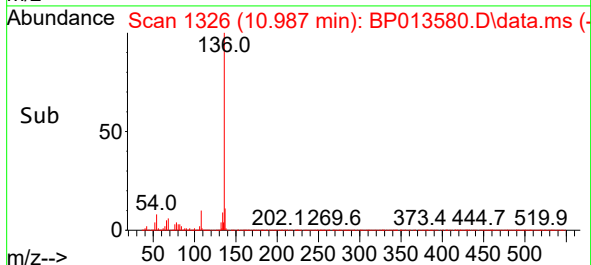
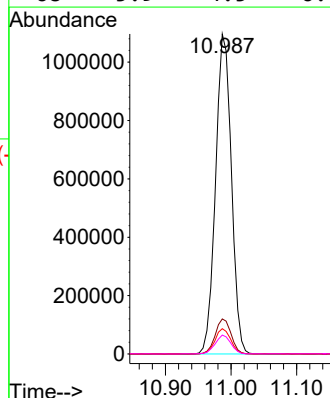
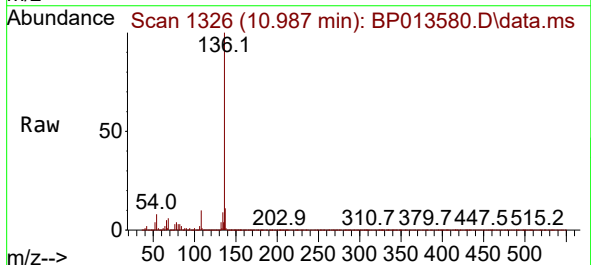
Instrument :
BNA_P
ClientSampleId :
TP-24

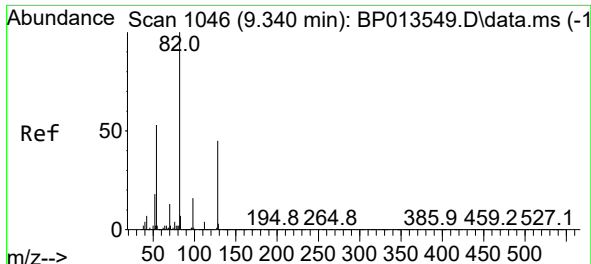
Tgt Ion: 99 Resp: 3952136
Ion Ratio Lower Upper
99 100
42 15.6 14.0 21.0
71 29.9 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP013580.D
Acq: 24 Jan 2023 20:27

Tgt Ion:136 Resp: 1831215
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 7.9 6.6 9.8
68 5.9 4.5 6.7





#23

Nitrobenzene-d5

Concen: 80.221 ng

RT: 9.334 min Scan# 1046

Delta R.T. -0.000 min

Lab File: BP013580.D

Acq: 24 Jan 2023 20:27

Instrument :

BNA_P

ClientSampleId :

TP-24

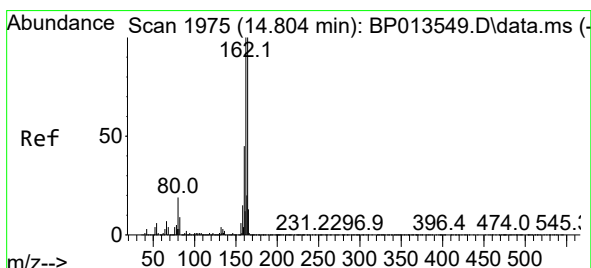
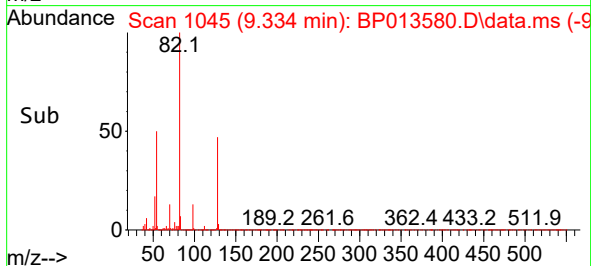
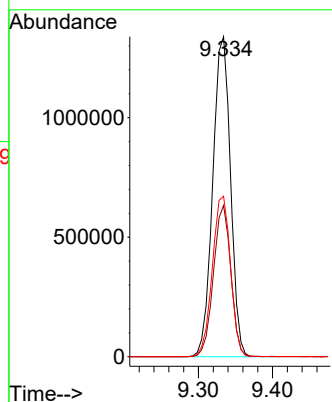
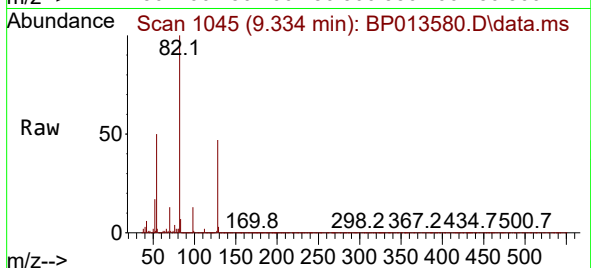
Tgt Ion: 82 Resp: 2225233

Ion Ratio Lower Upper

82 100

128 47.3 35.8 53.6

54 50.2 42.6 64.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.792 min Scan# 1973

Delta R.T. -0.006 min

Lab File: BP013580.D

Acq: 24 Jan 2023 20:27

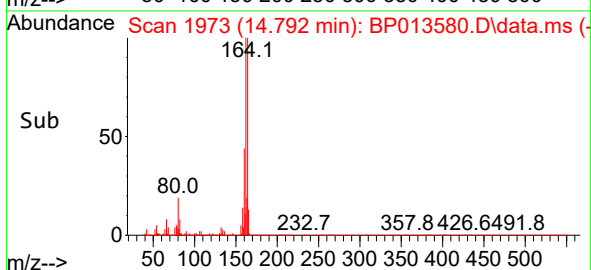
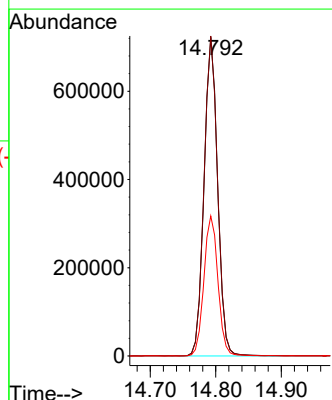
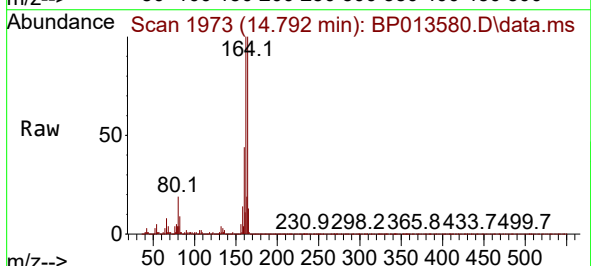
Tgt Ion:164 Resp: 1039737

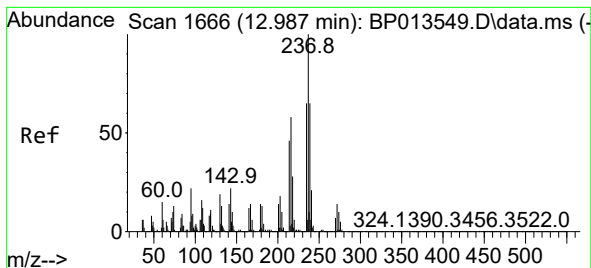
Ion Ratio Lower Upper

164 100

162 100.5 80.1 120.1

160 43.9 35.9 53.9





#41

Hexachlorocyclopentadiene

Concen: 3.906 ng

RT: 12.898 min Scan# 1

Delta R.T. -0.083 min

Lab File: BP013580.D

Acq: 24 Jan 2023 20:27

Instrument :

BNA_P

ClientSampleId :

TP-24

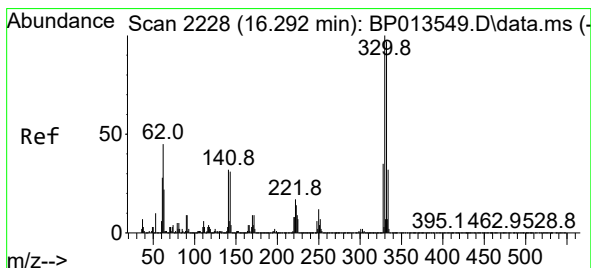
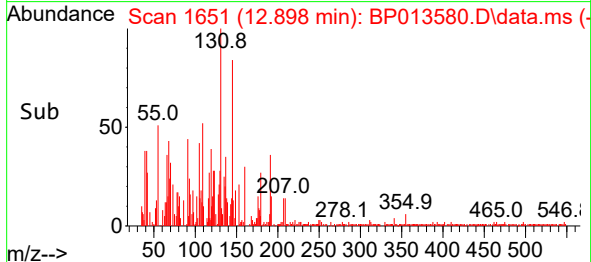
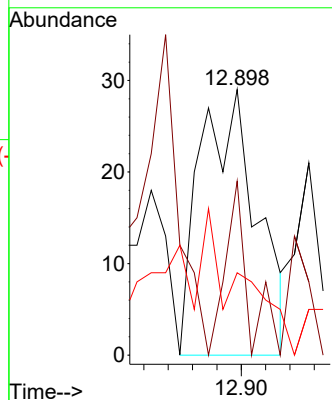
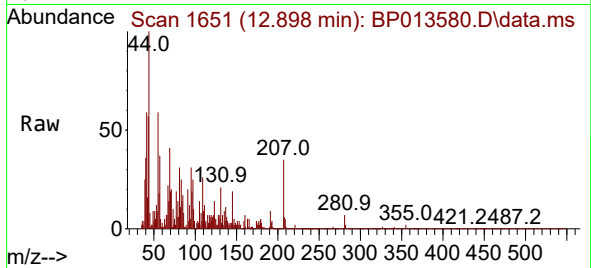
Tgt Ion:237 Resp: 47

Ion Ratio Lower Upper

237 100

235 65.5 44.6 84.6

272 31.0 0.0 33.9



#42

2,4,6-Tribromophenol

Concen: 123.821 ng

RT: 16.281 min Scan# 2226

Delta R.T. -0.006 min

Lab File: BP013580.D

Acq: 24 Jan 2023 20:27

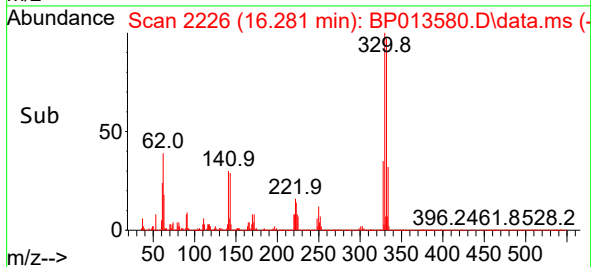
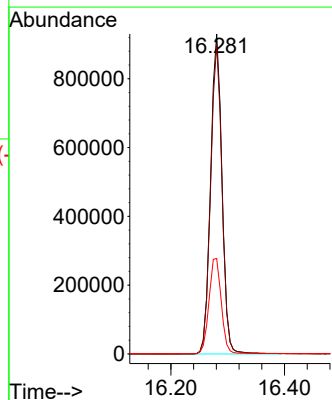
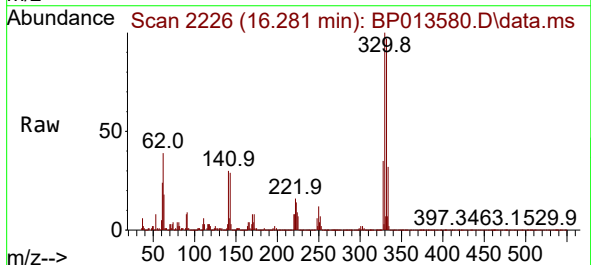
Tgt Ion:330 Resp: 1291330

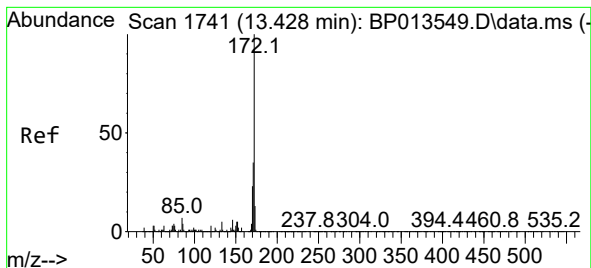
Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

141 31.9 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 68.949 ng

RT: 13.422 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013580.D

Acq: 24 Jan 2023 20:27

Instrument :

BNA_P

ClientSampleId :

TP-24

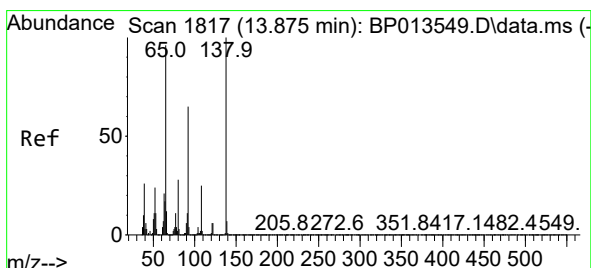
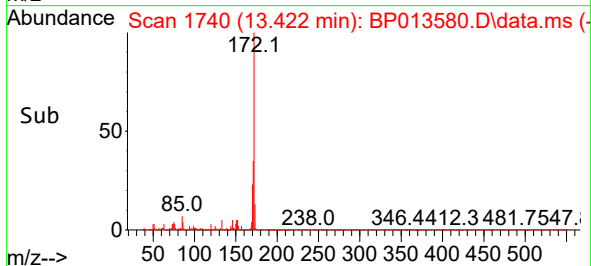
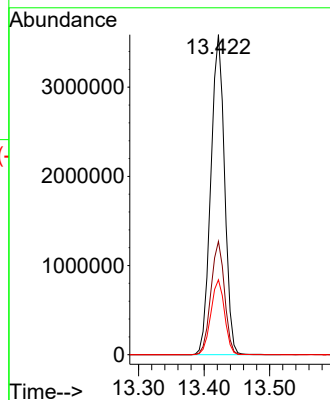
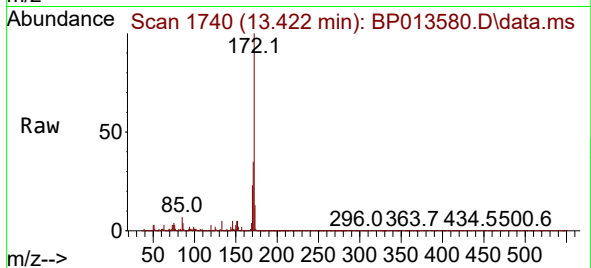
Tgt Ion:172 Resp: 5222649

Ion Ratio Lower Upper

172 100

171 35.4 27.8 41.8

170 23.4 18.6 27.8



#48

2-Nitroaniline

Concen: 6.240 ng

RT: 13.875 min Scan# 1817

Delta R.T. -0.000 min

Lab File: BP013580.D

Acq: 24 Jan 2023 20:27

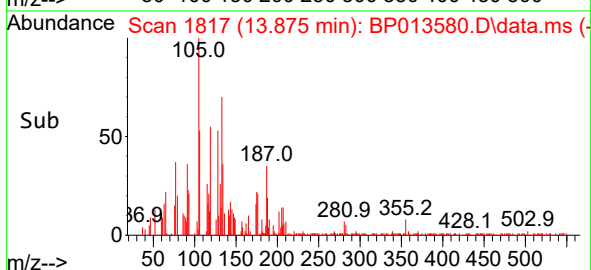
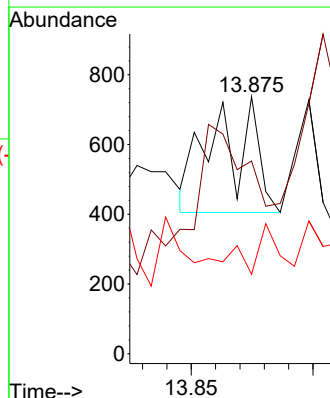
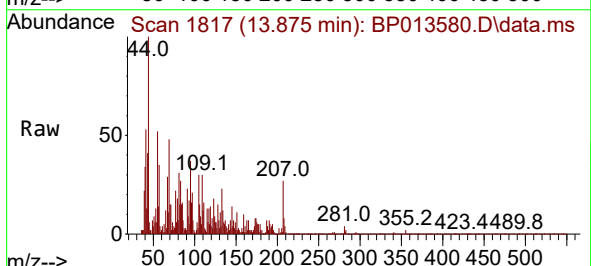
Tgt Ion: 65 Resp: 396

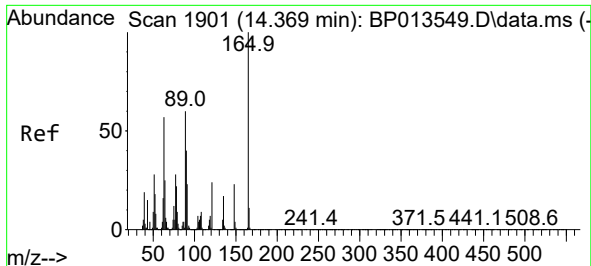
Ion Ratio Lower Upper

65 100

92 75.0 54.1 81.1

138 30.9 83.6 125.4#

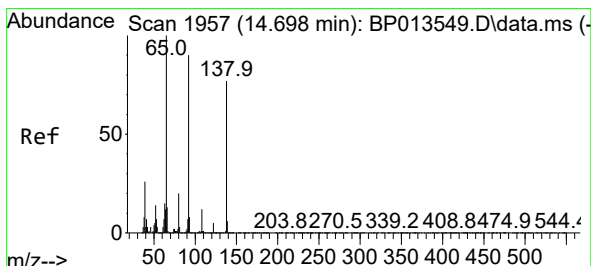
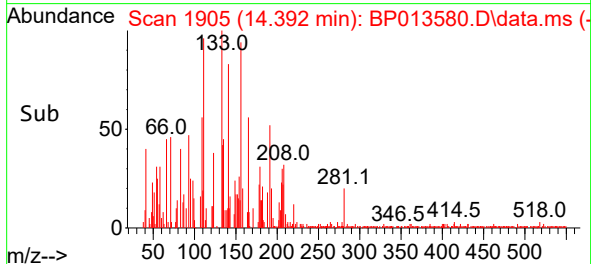
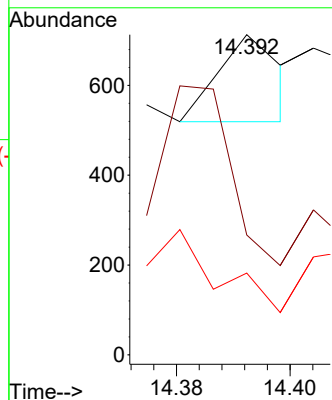
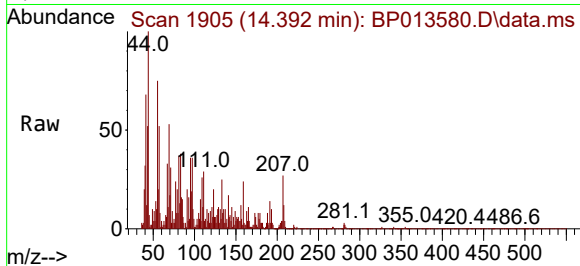




#51
2,6-Dinitrotoluene
Concen: 5.173 ng
RT: 14.392 min Scan# 1905
Delta R.T. 0.029 min
Lab File: BP013580.D
Acq: 24 Jan 2023 20:27

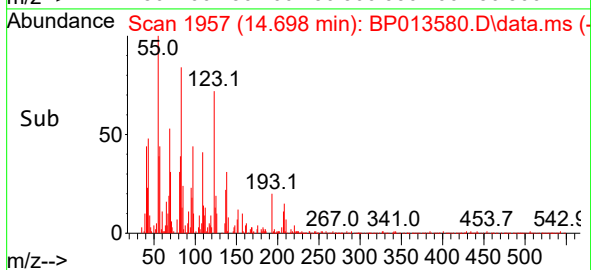
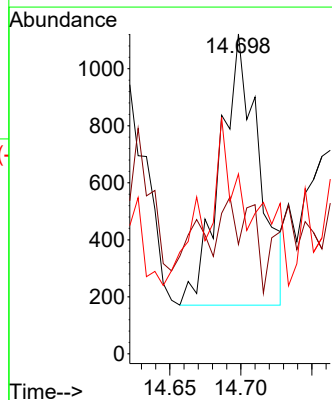
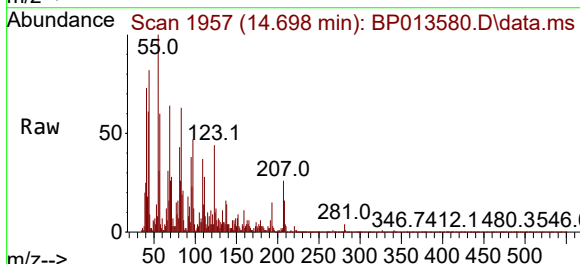
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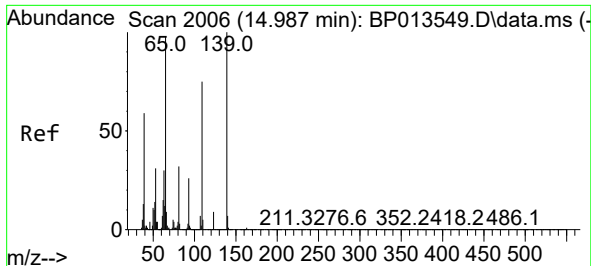
Tgt Ion:165 Resp: 147
Ion Ratio Lower Upper
165 100
63 37.4 47.2 70.8#
89 25.5 47.8 71.6#



#53
3-Nitroaniline
Concen: 5.501 ng
RT: 14.698 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BP013580.D
Acq: 24 Jan 2023 20:27

Tgt Ion:138 Resp: 1810
Ion Ratio Lower Upper
138 100
108 34.2 12.8 19.2#
92 56.2 93.3 139.9#

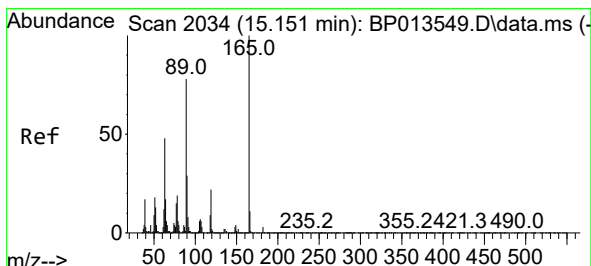
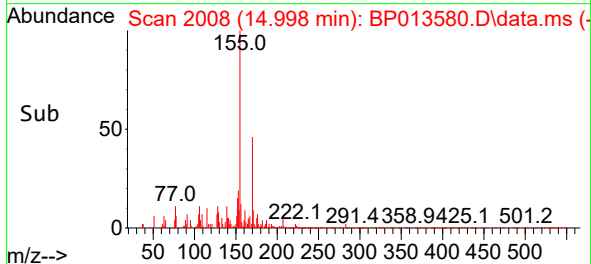
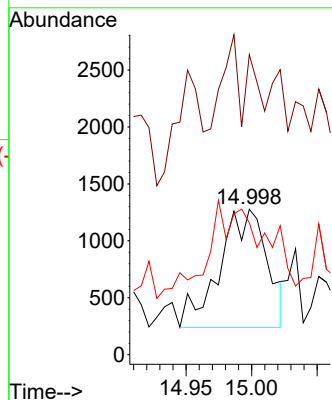
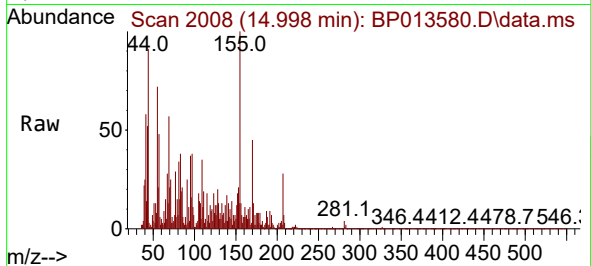




#56
4-Nitrophenol
Concen: 5.379 ng
RT: 14.998 min Scan# 2006
Delta R.T. 0.017 min
Lab File: BP013580.D
Acq: 24 Jan 2023 20:27

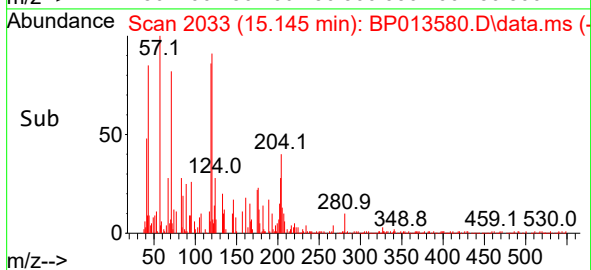
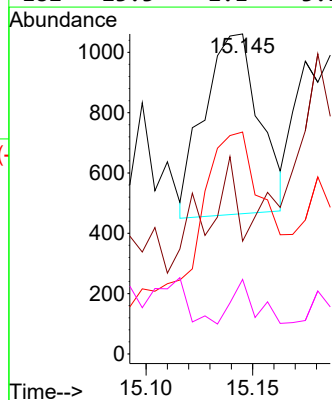
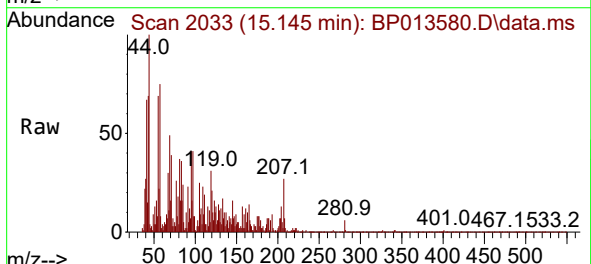
Instrument :
BNA_P
ClientSampleId :
TP-24

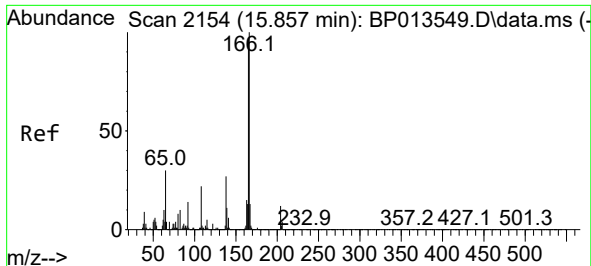
Tgt Ion:139 Resp: 2618
Ion Ratio Lower Upper
139 100
109 206.2 55.0 95.0#
65 90.6 77.7 117.7



#57
2,4-Dinitrotoluene
Concen: 5.247 ng
RT: 15.145 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BP013580.D
Acq: 24 Jan 2023 20:27

Tgt Ion:165 Resp: 1081
Ion Ratio Lower Upper
165 100
63 35.2 38.3 57.5#
89 69.4 62.1 93.1
182 23.3 2.1 3.1#

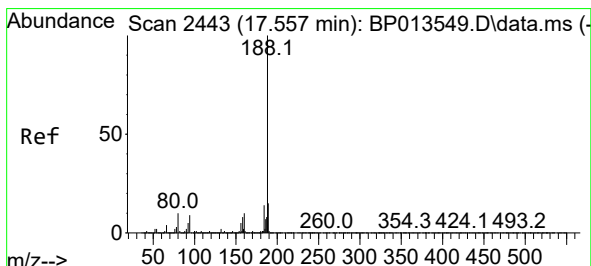
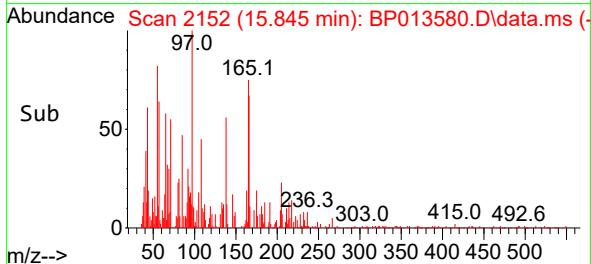
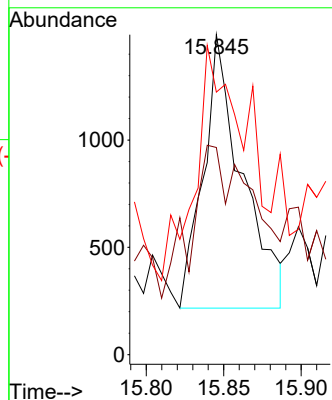
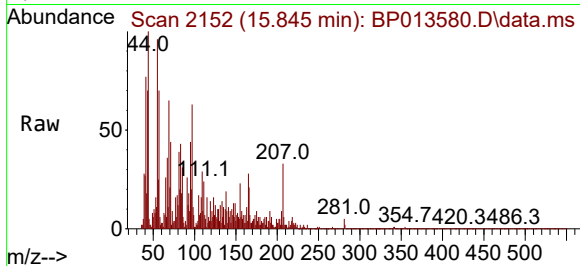




#62
4-Nitroaniline
Concen: 3.787 ng
RT: 15.845 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BP013580.D
Acq: 24 Jan 2023 20:27

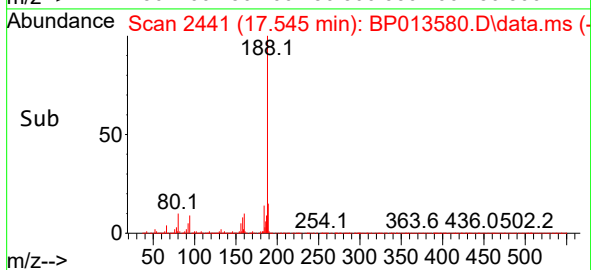
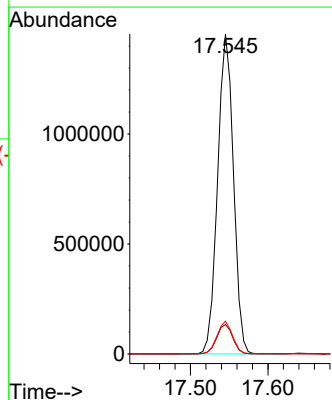
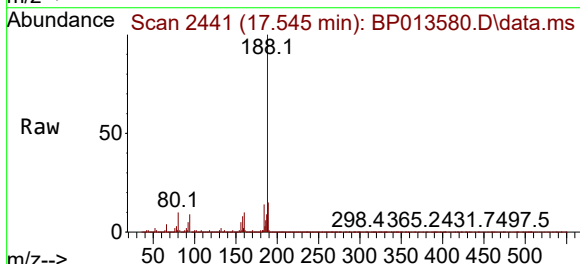
Instrument :
BNA_P
ClientSampleId :
TP-24

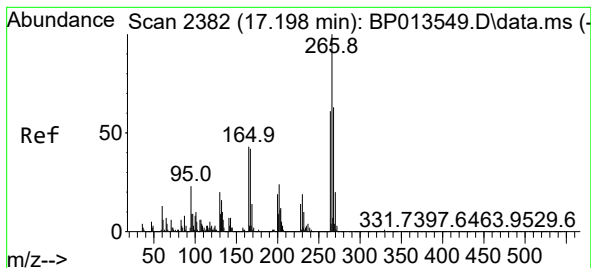
Tgt Ion:138 Resp: 2222
Ion Ratio Lower Upper
138 100
92 64.7 32.3 72.3
108 82.0 59.2 99.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.545 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BP013580.D
Acq: 24 Jan 2023 20:27

Tgt Ion:188 Resp: 2071149
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.2 8.2 12.2





#70

Pentachlorophenol

Concen: 5.367 ng

RT: 17.186 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013580.D

Acq: 24 Jan 2023 20:27

Instrument :

BNA_P

ClientSampleId :

TP-24

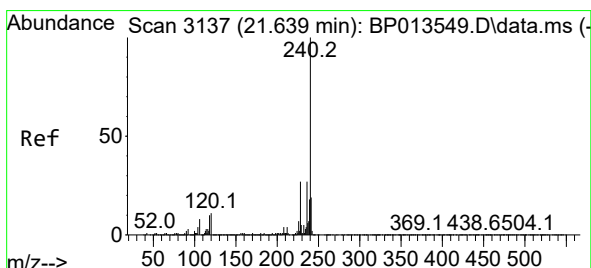
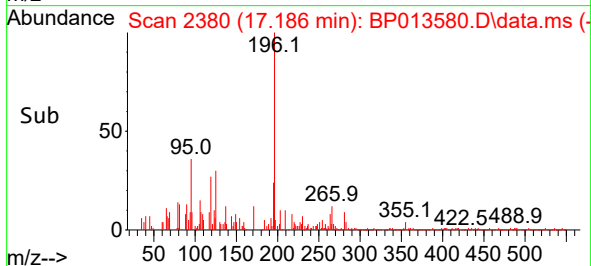
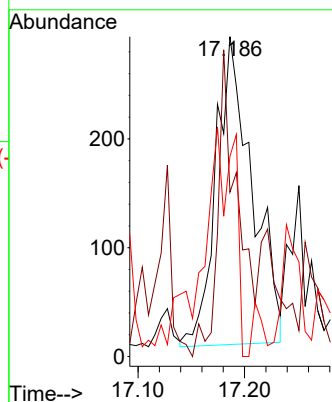
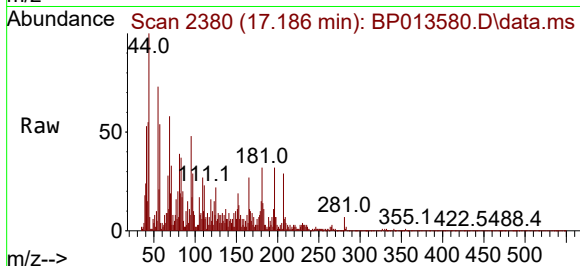
Tgt Ion:266 Resp: 669

Ion Ratio Lower Upper

266 100

268 51.4 50.7 76.1

264 62.6 48.9 73.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.621 min Scan# 3134

Delta R.T. -0.006 min

Lab File: BP013580.D

Acq: 24 Jan 2023 20:27

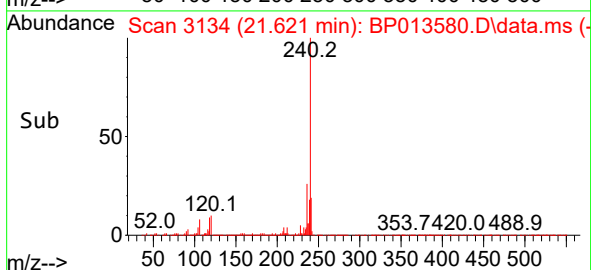
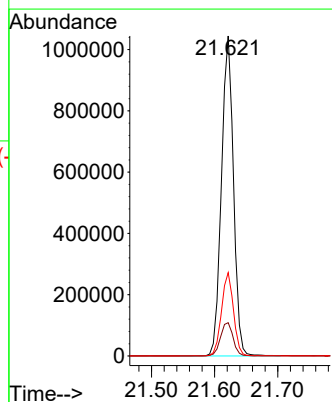
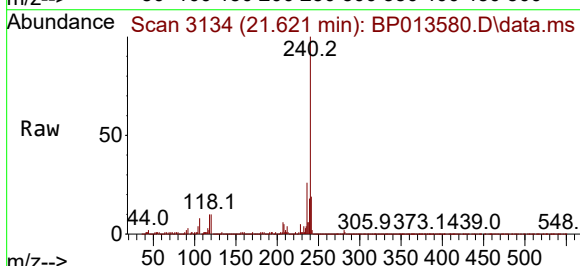
Tgt Ion:240 Resp: 1379190

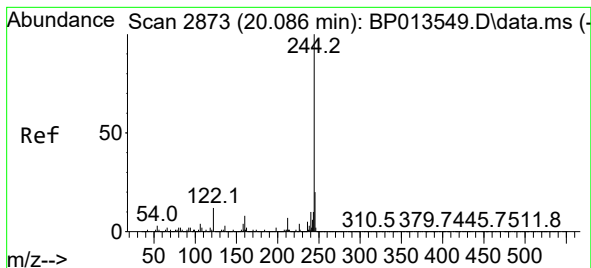
Ion Ratio Lower Upper

240 100

120 10.4 8.6 13.0

236 26.1 21.3 31.9





#79

Terphenyl-d14

Concen: 84.387 ng

RT: 20.074 min Scan# 2873

Delta R.T. -0.006 min

Lab File: BP013580.D

Acq: 24 Jan 2023 20:27

Instrument :

BNA_P

ClientSampleId :

TP-24

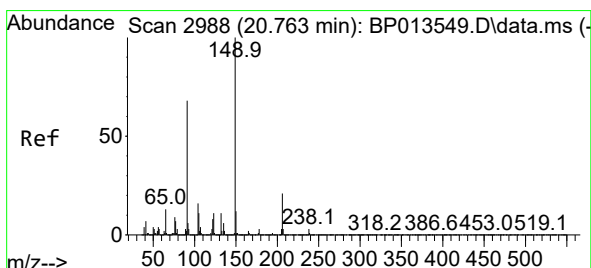
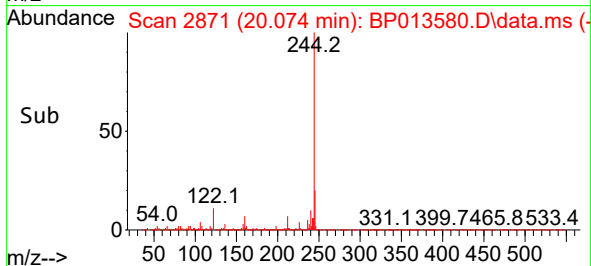
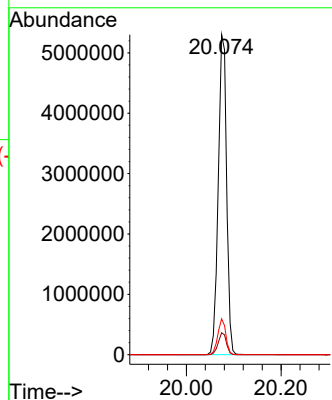
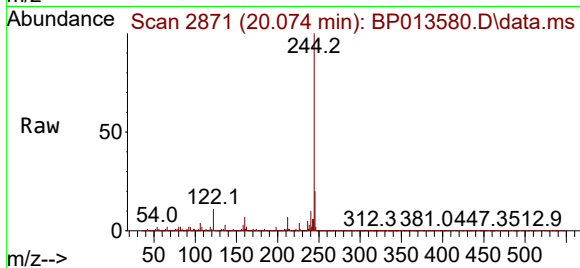
Tgt Ion:244 Resp: 6469444

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.2 9.2 13.8



#80

Butylbenzylphthalate

Concen: 3.725 ng

RT: 20.745 min Scan# 2985

Delta R.T. -0.006 min

Lab File: BP013580.D

Acq: 24 Jan 2023 20:27

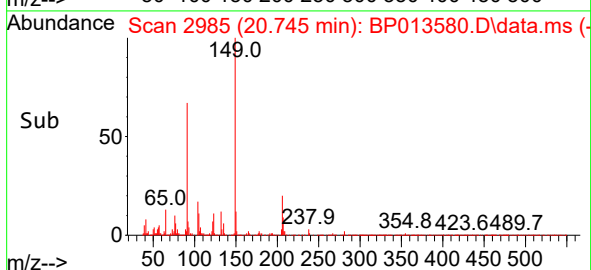
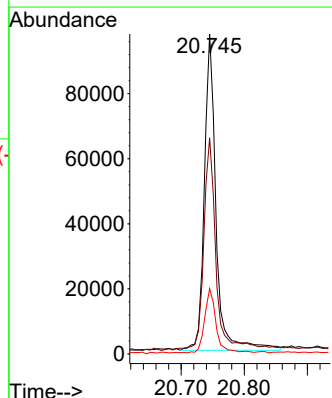
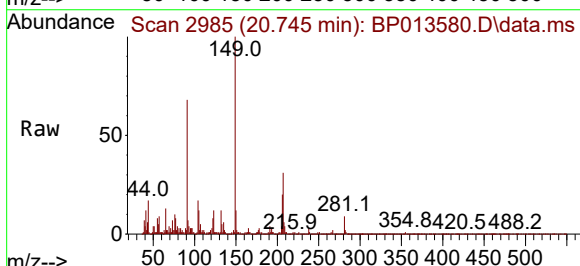
Tgt Ion:149 Resp: 125063

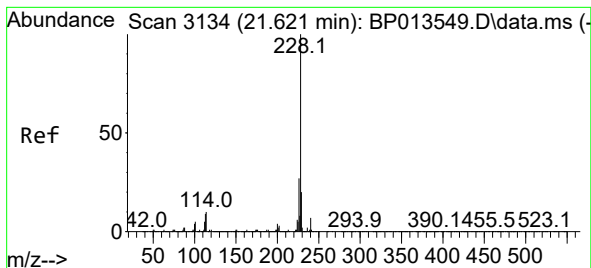
Ion Ratio Lower Upper

149 100

91 67.5 54.6 81.8

206 20.5 16.7 25.1





#81

Benzo(a)anthracene

Concen: 3.302 ng

RT: 21.604 min Scan# 311

Delta R.T. -0.006 min

Lab File: BP013580.D

Acq: 24 Jan 2023 20:27

Instrument :

BNA_P

ClientSampleId :

TP-24

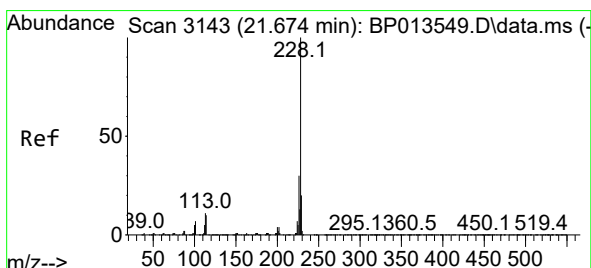
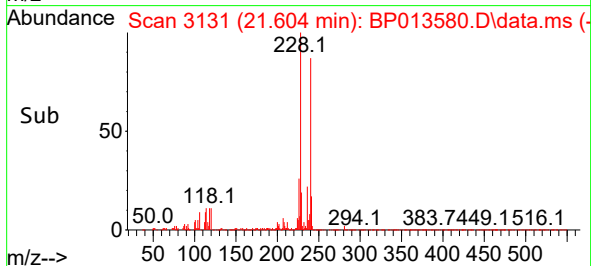
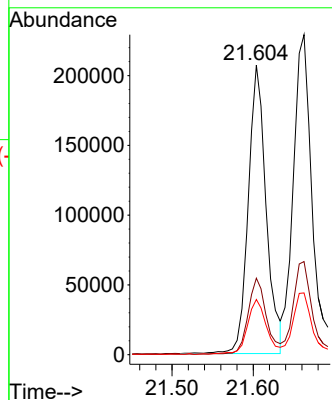
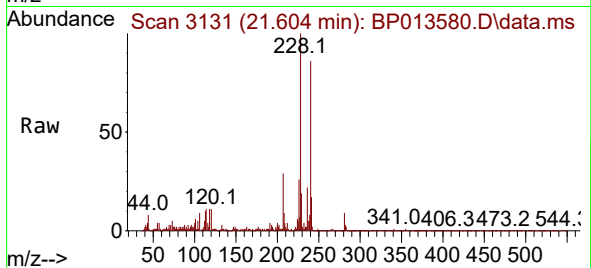
Tgt Ion:228 Resp: 317244

Ion Ratio Lower Upper

228 100

226 26.4 21.8 32.8

229 19.0 15.8 23.6



#83

Chrysene

Concen: 3.979 ng

RT: 21.663 min Scan# 3141

Delta R.T. -0.006 min

Lab File: BP013580.D

Acq: 24 Jan 2023 20:27

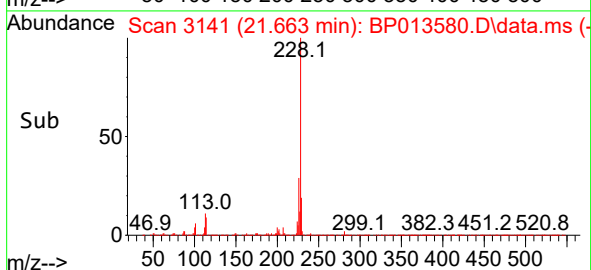
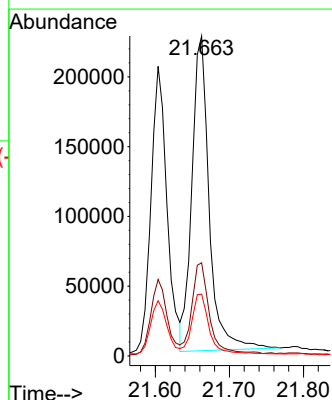
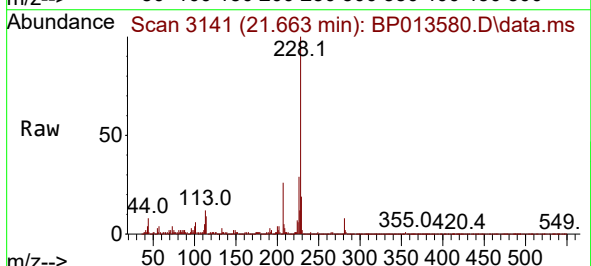
Tgt Ion:228 Resp: 365635

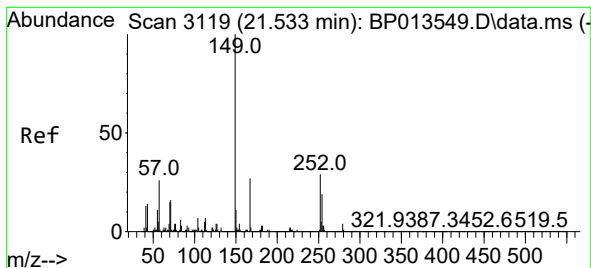
Ion Ratio Lower Upper

228 100

226 29.1 24.1 36.1

229 19.3 16.2 24.2

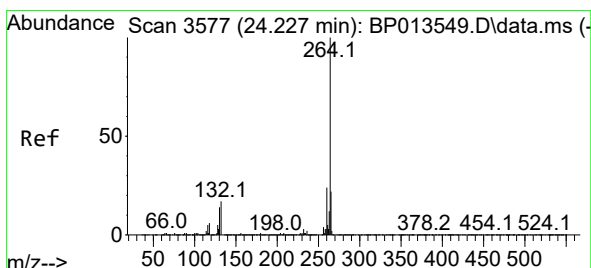
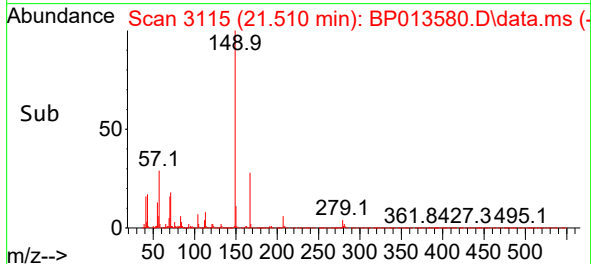
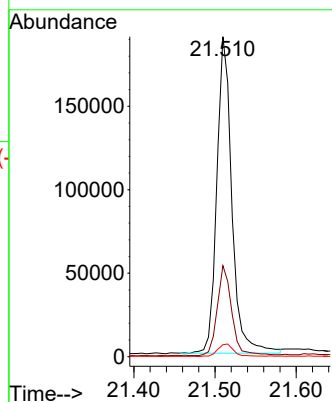
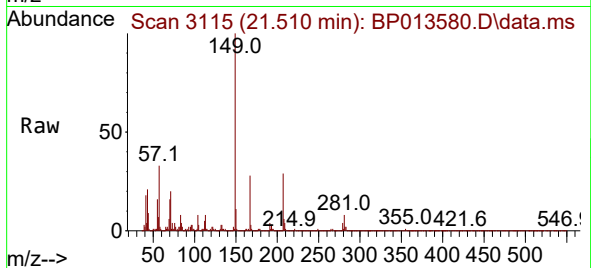




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.560 ng
RT: 21.510 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP013580.D
Acq: 24 Jan 2023 20:27

Instrument :
BNA_P
ClientSampleId :
TP-24

Tgt Ion:149 Resp: 245048
Ion Ratio Lower Upper
149 100
167 28.5 22.0 33.0
279 3.7 3.5 5.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.204 min Scan# 3573
Delta R.T. -0.012 min
Lab File: BP013580.D
Acq: 24 Jan 2023 20:27

Tgt Ion:264 Resp: 1535867
Ion Ratio Lower Upper
264 100
260 23.8 18.8 28.2
265 22.0 17.4 26.2

