

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013558.D
 Acq On : 23 Jan 2023 21:30
 Operator : CG/JU
 Sample : PB150338BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150338BL

Quant Time: Jan 24 05:50:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 04:44:15 2023
 Response via : Initial Calibration

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

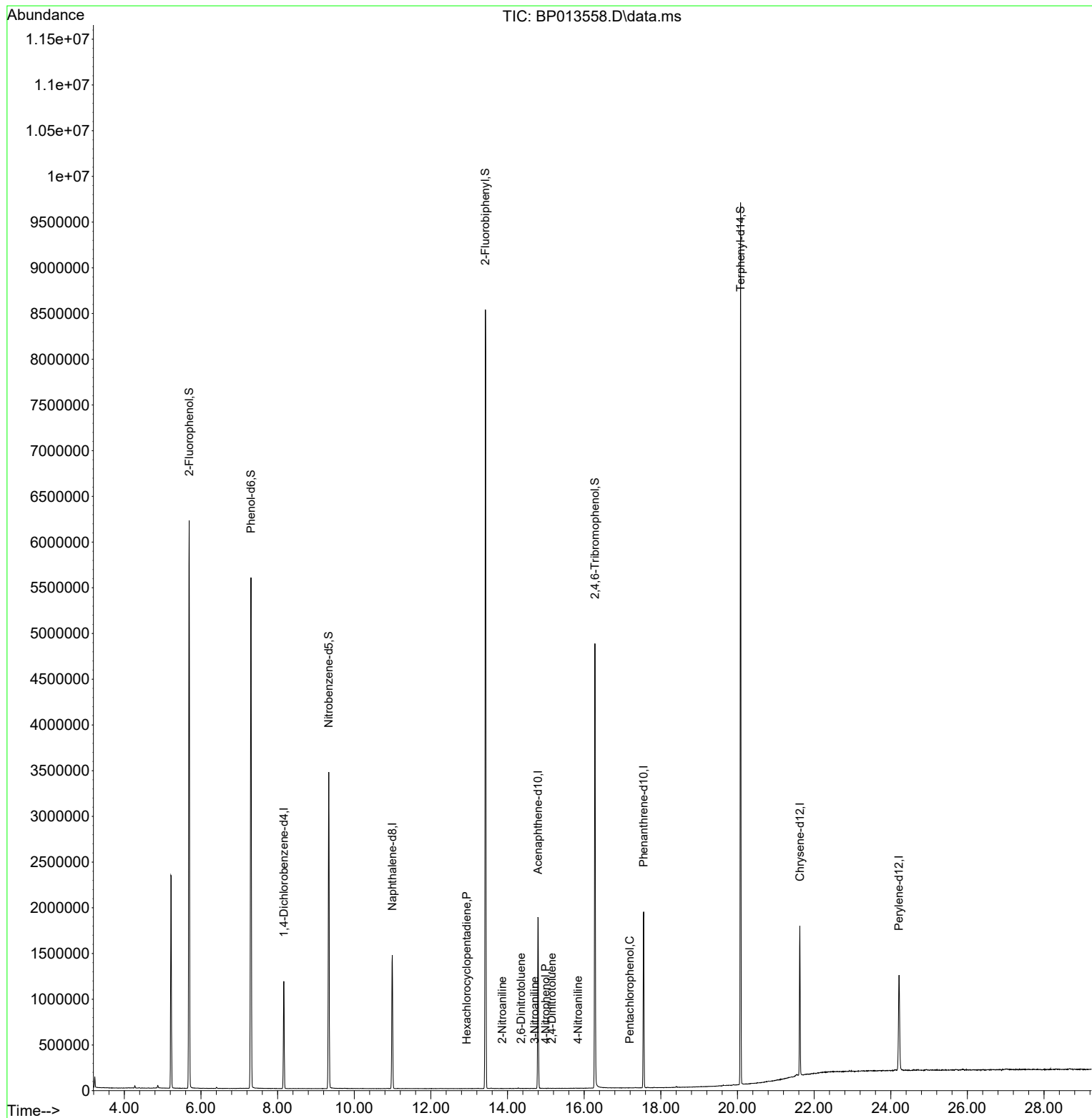
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	319788	20.000	ng	0.00
21) Naphthalene-d8	10.993	136	1211068	20.000	ng	0.00
39) Acenaphthene-d10	14.798	164	635264	20.000	ng	0.00
64) Phenanthrene-d10	17.551	188	1152256	20.000	ng	0.00
76) Chrysene-d12	21.627	240	756342	20.000	ng	-0.01
86) Perylene-d12	24.216	264	827310	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	2719785	145.720	ng	0.00
7) Phenol-d6	7.305	99	3322205	132.254	ng	0.00
23) Nitrobenzene-d5	9.334	82	1847241	100.695	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	896750	140.733	ng	-0.01
45) 2-Fluorobiphenyl	13.422	172	4347219	93.933	ng	0.00
79) Terphenyl-d14	20.081	244	4274336	101.667	ng	0.00
Target Compounds						
						Qvalue
41) Hexachlorocyclopentadiene	12.934	237	23	3.905	ng	79
48) 2-Nitroaniline	13.863	65	150	6.231	ng	# 22
51) 2,6-Dinitrotoluene	14.357	165	117	5.175	ng	# 83
53) 3-Nitroaniline	14.704	138	16	5.409	ng	# 1
54) 2,4-Dinitrophenol	14.881	184	42	Below Cal		# 1
56) 4-Nitrophenol	14.993	139	64	5.199	ng	# 1
57) 2,4-Dinitrotoluene	15.157	165	58	5.198	ng	# 68
62) 4-Nitroaniline	15.840	138	18	3.665	ng	# 1
70) Pentachlorophenol	17.192	266	124	5.341	ng	# 52

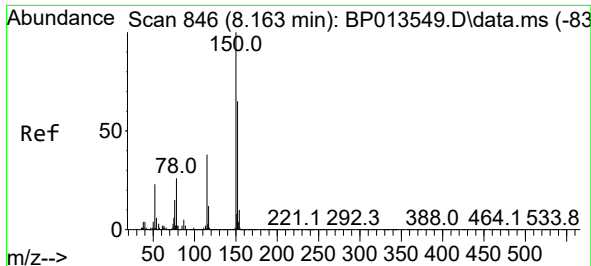
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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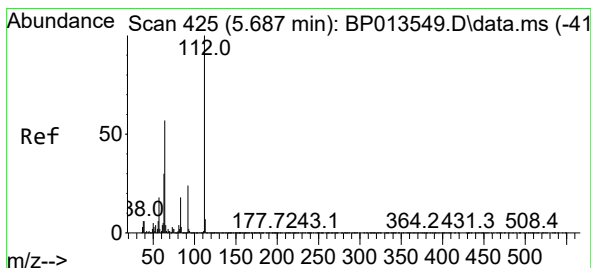
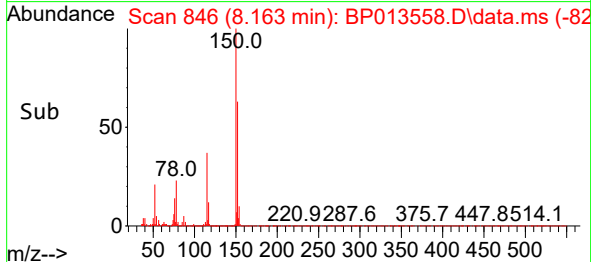
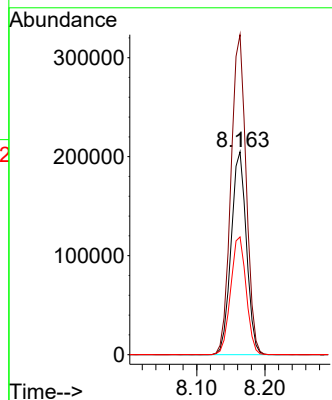
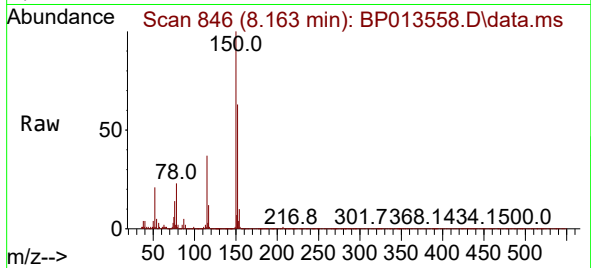




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.163 min Scan# 846
Delta R.T. 0.000 min
Lab File: BP013558.D
Acq: 23 Jan 2023 21:30

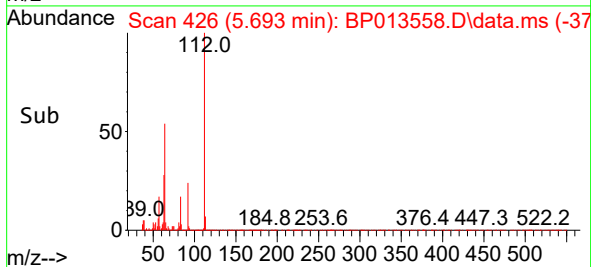
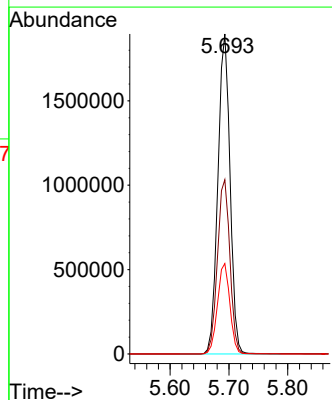
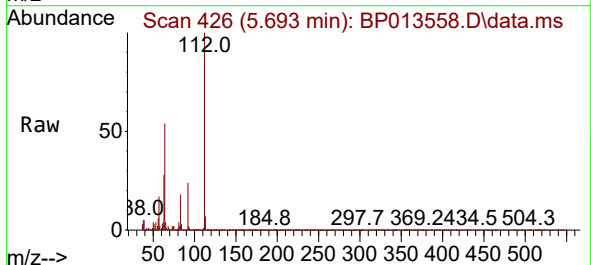
Instrument :
BNA_P
ClientSampleId :
PB150338BL

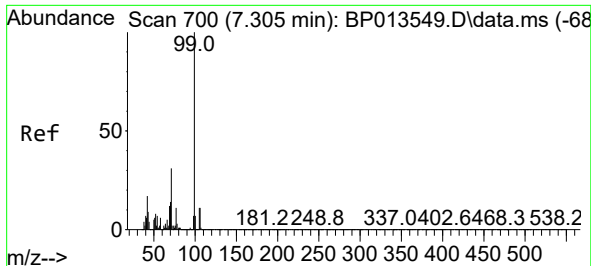
Tgt Ion:152 Resp: 319788
Ion Ratio Lower Upper
152 100
150 157.7 122.4 183.6
115 58.1 46.1 69.1



#5
2-Fluorophenol
Concen: 145.720 ng
RT: 5.693 min Scan# 426
Delta R.T. 0.006 min
Lab File: BP013558.D
Acq: 23 Jan 2023 21:30

Tgt Ion:112 Resp: 2719785
Ion Ratio Lower Upper
112 100
64 54.5 45.4 68.0
63 28.3 24.1 36.1



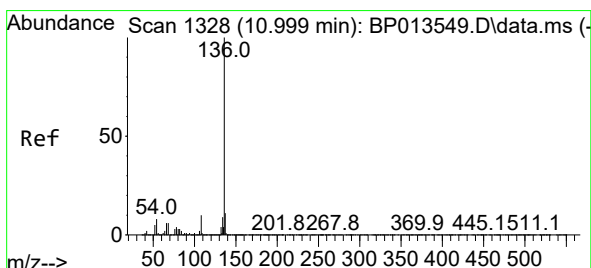
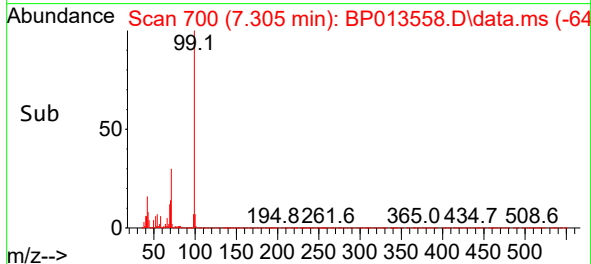
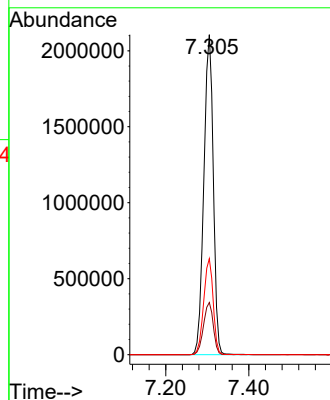
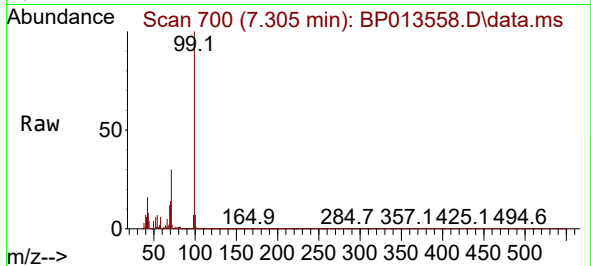


#7
Phenol-d6
Concen: 132.254 ng
RT: 7.305 min Scan# 700
Delta R.T. 0.000 min
Lab File: BP013558.D
Acq: 23 Jan 2023 21:30

Instrument :
BNA_P
ClientSampleId :
PB150338BL

Tgt Ion: 99 Resp: 3322205

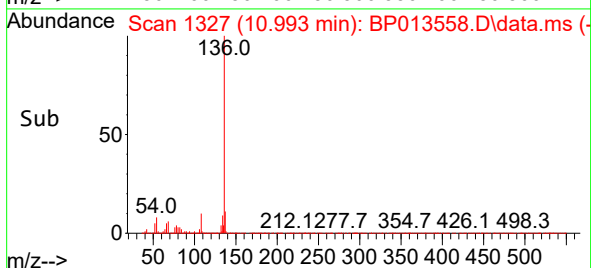
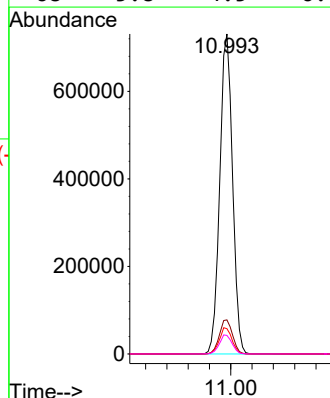
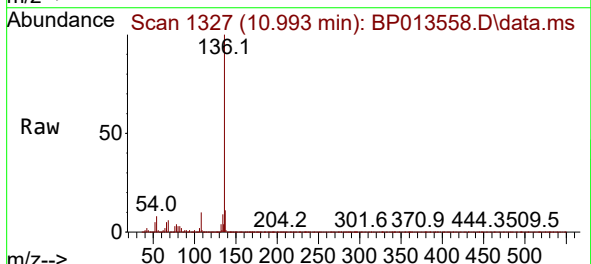
Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.0	21.0
71	30.0	24.7	37.1

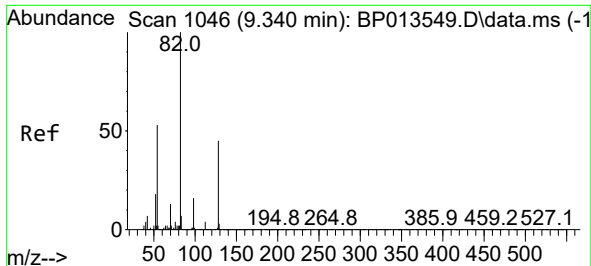


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.993 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BP013558.D
Acq: 23 Jan 2023 21:30

Tgt Ion: 136 Resp: 1211068

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	7.9	6.6	9.8
68	5.8	4.5	6.7

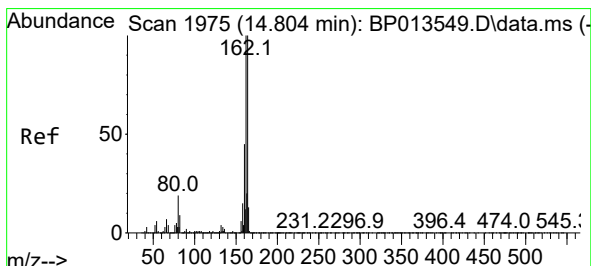
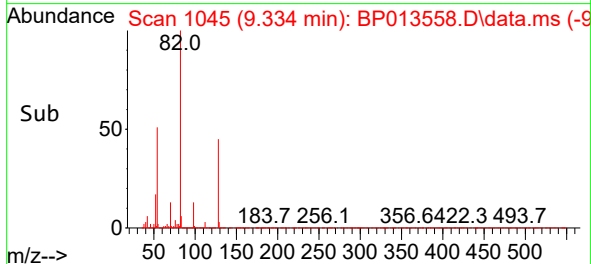
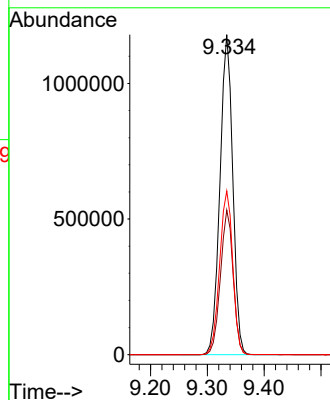
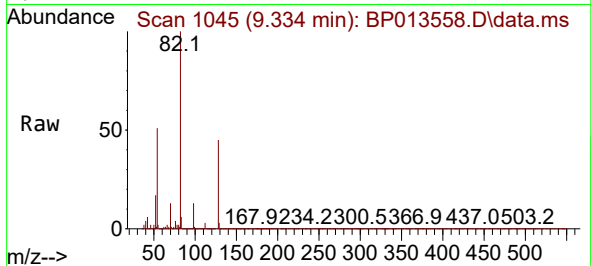




#23
Nitrobenzene-d5
Concen: 100.695 ng
RT: 9.334 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BP013558.D
Acq: 23 Jan 2023 21:30

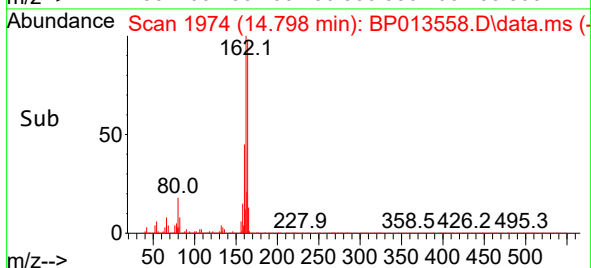
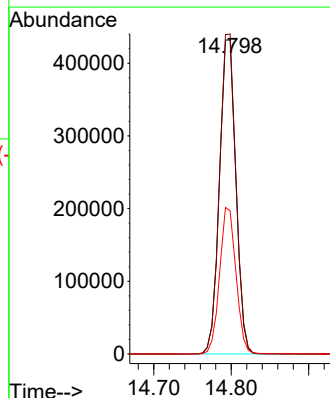
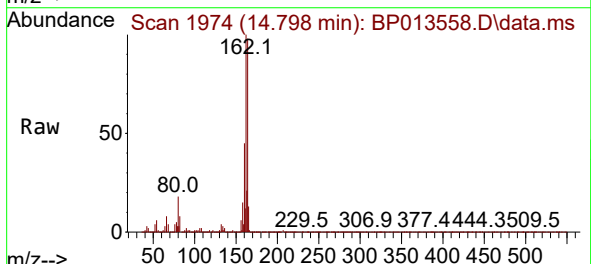
Instrument :
BNA_P
ClientSampleId :
PB150338BL

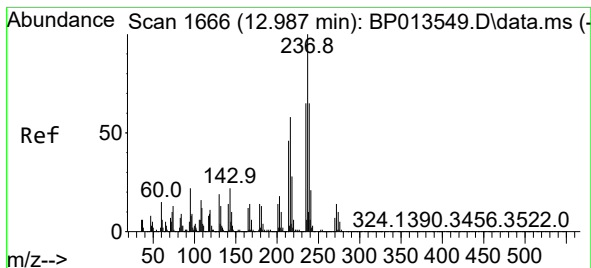
Tgt Ion: 82 Resp: 1847241
Ion Ratio Lower Upper
82 100
128 45.2 35.8 53.6
54 51.2 42.6 64.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.798 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BP013558.D
Acq: 23 Jan 2023 21:30

Tgt Ion:164 Resp: 635264
Ion Ratio Lower Upper
164 100
162 101.9 80.1 120.1
160 45.6 35.9 53.9





#41

Hexachlorocyclopentadiene

Concen: 3.905 ng

RT: 12.934 min Scan# 1

Delta R.T. -0.053 min

Lab File: BP013558.D

Acq: 23 Jan 2023 21:30

Instrument :

BNA_P

ClientSampleId :

PB150338BL

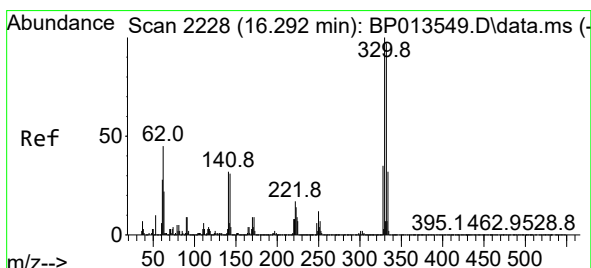
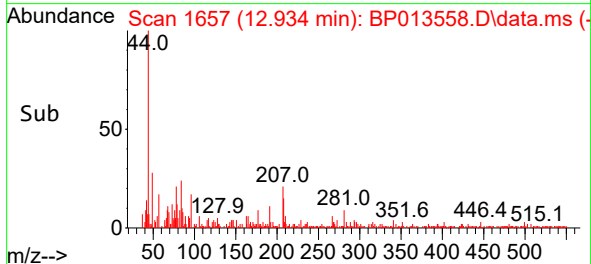
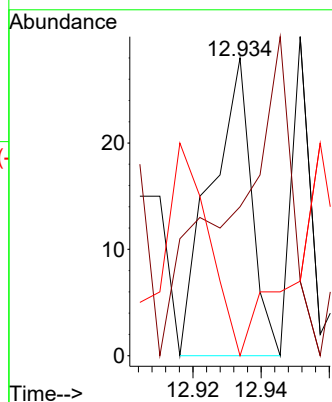
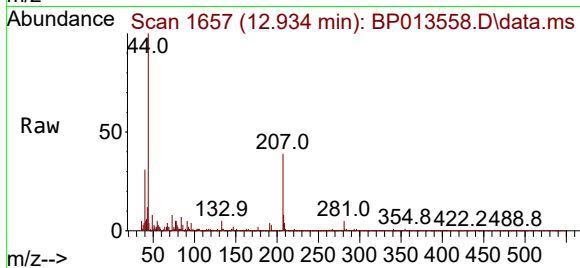
Tgt Ion:237 Resp: 23

Ion Ratio Lower Upper

237 100

235 50.0 44.6 84.6

272 0.0 0.0 33.9



#42

2,4,6-Tribromophenol

Concen: 140.733 ng

RT: 16.281 min Scan# 2226

Delta R.T. -0.011 min

Lab File: BP013558.D

Acq: 23 Jan 2023 21:30

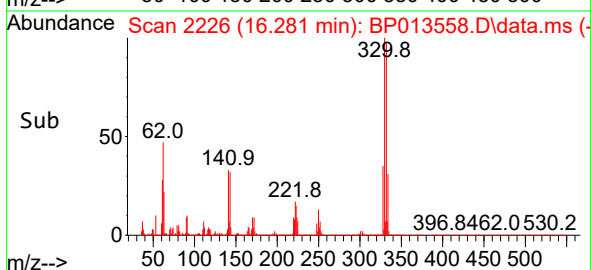
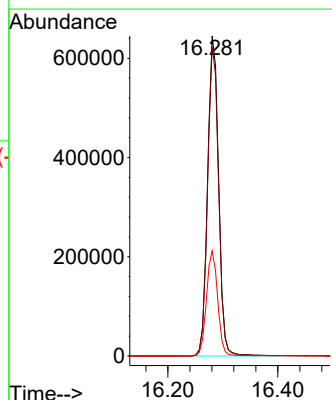
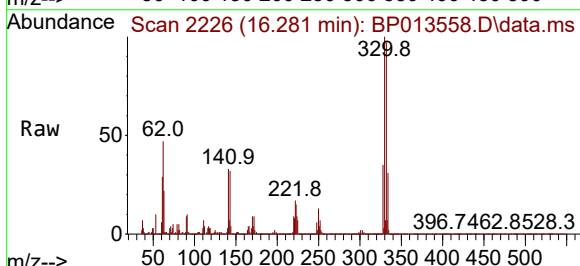
Tgt Ion:330 Resp: 896750

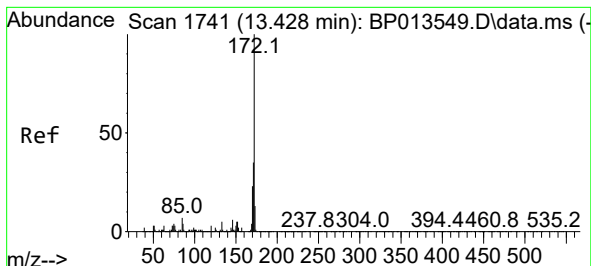
Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

141 33.3 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 93.933 ng

RT: 13.422 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013558.D

Acq: 23 Jan 2023 21:30

Instrument :

BNA_P

ClientSampleId :

PB150338BL

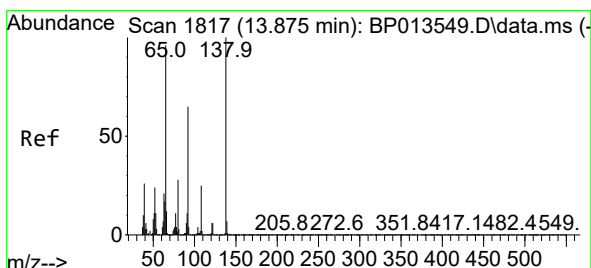
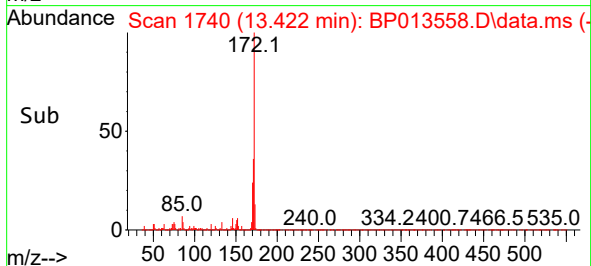
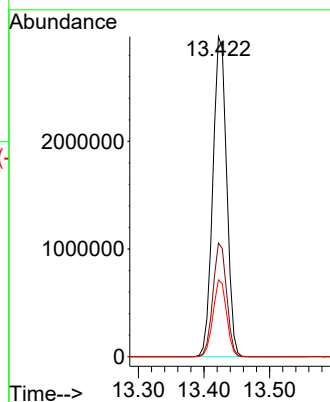
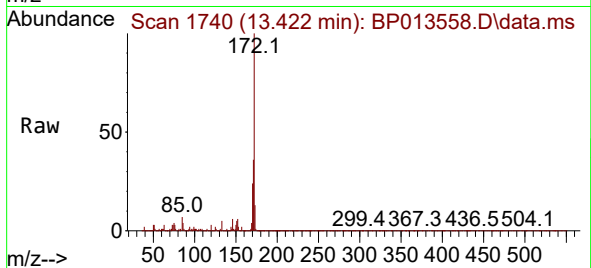
Tgt Ion:172 Resp: 4347219

Ion Ratio Lower Upper

172 100

171 35.6 27.8 41.8

170 24.0 18.6 27.8



#48

2-Nitroaniline

Concen: 6.231 ng

RT: 13.863 min Scan# 1815

Delta R.T. -0.012 min

Lab File: BP013558.D

Acq: 23 Jan 2023 21:30

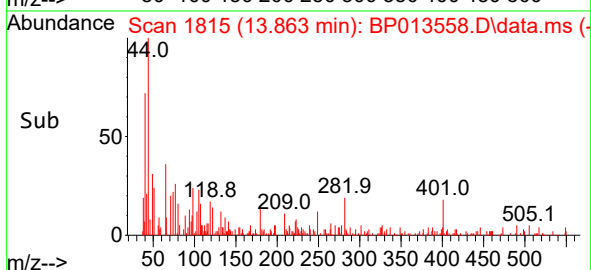
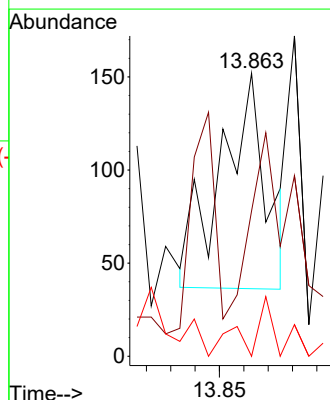
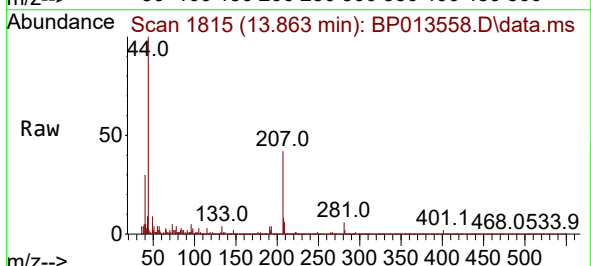
Tgt Ion: 65 Resp: 150

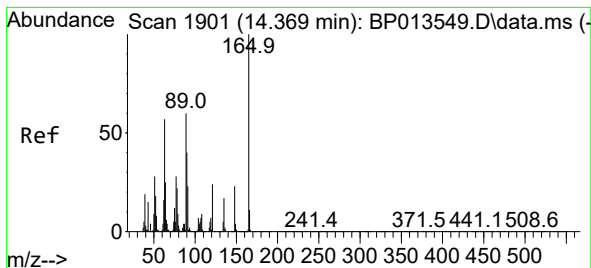
Ion Ratio Lower Upper

65 100

92 30.6 54.1 81.1#

138 3.9 83.6 125.4#

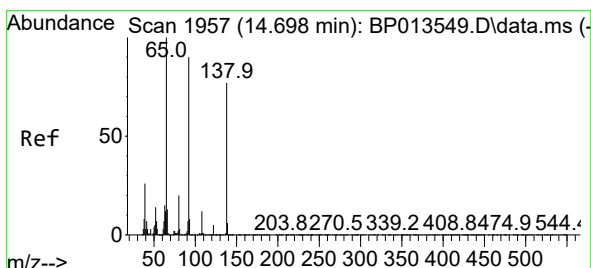
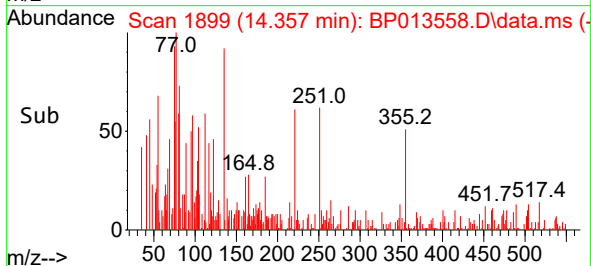
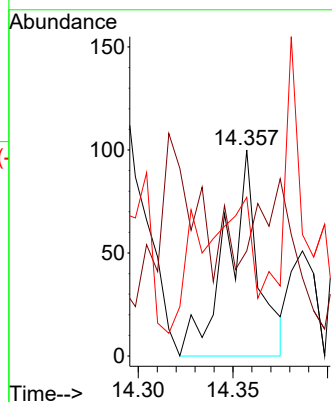
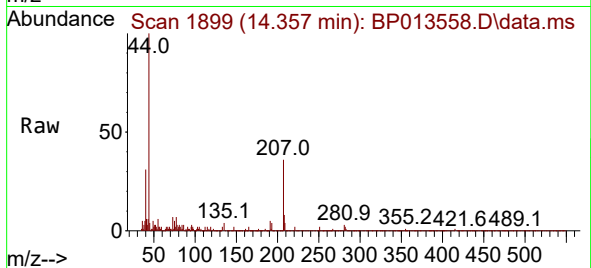




#51
2,6-Dinitrotoluene
Concen: 5.175 ng
RT: 14.357 min Scan# 1899
Delta R.T. -0.012 min
Lab File: BP013558.D
Acq: 23 Jan 2023 21:30

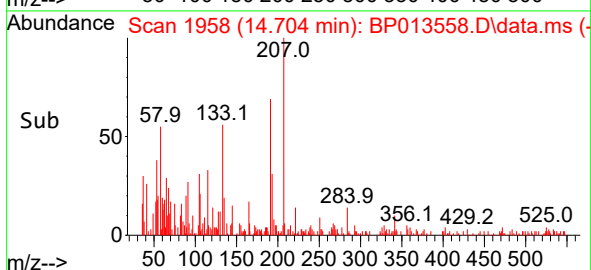
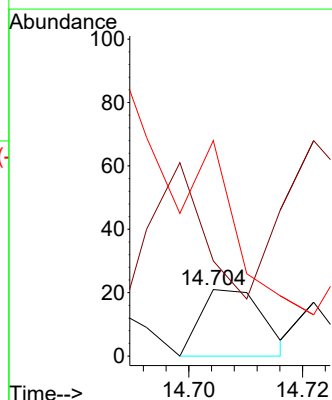
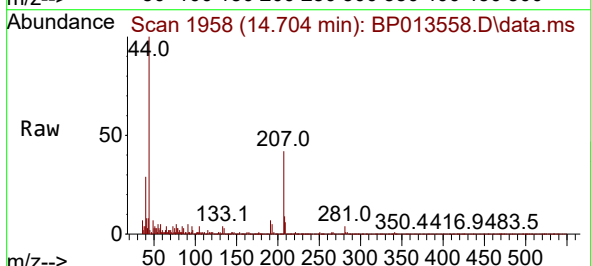
Instrument :
BNA_P
ClientSampleId :
PB150338BL

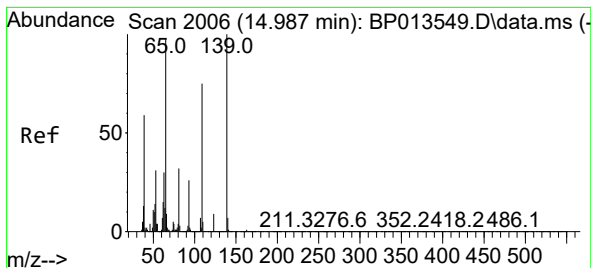
Tgt Ion:165 Resp: 117
Ion Ratio Lower Upper
165 100
63 51.0 47.2 70.8
89 77.0 47.8 71.6#



#53
3-Nitroaniline
Concen: 5.409 ng
RT: 14.704 min Scan# 1958
Delta R.T. 0.006 min
Lab File: BP013558.D
Acq: 23 Jan 2023 21:30

Tgt Ion:138 Resp: 16
Ion Ratio Lower Upper
138 100
108 142.9 12.8 19.2#
92 323.8 93.3 139.9#

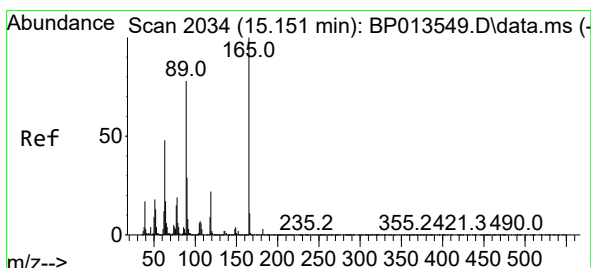
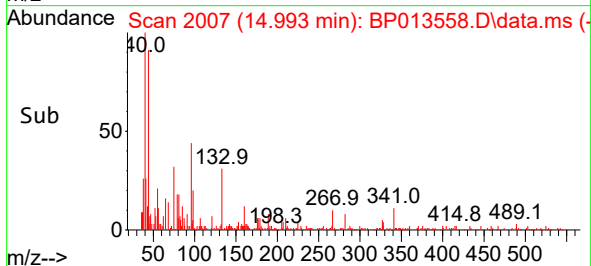
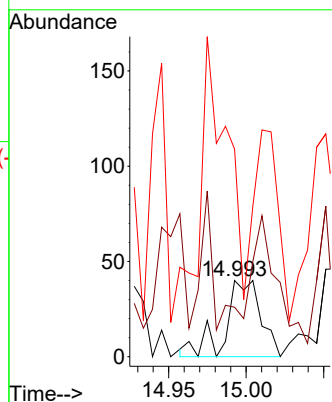
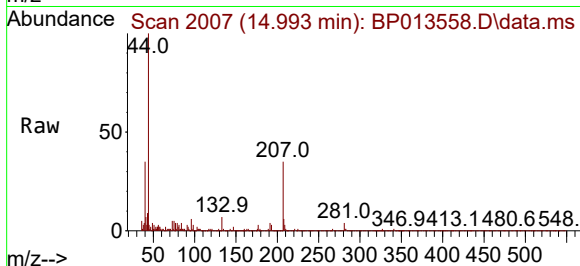




#56
4-Nitrophenol
Concen: 5.199 ng
RT: 14.993 min Scan# 2007
Delta R.T. 0.006 min
Lab File: BP013558.D
Acq: 23 Jan 2023 21:30

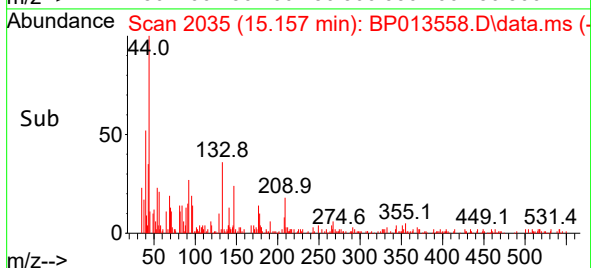
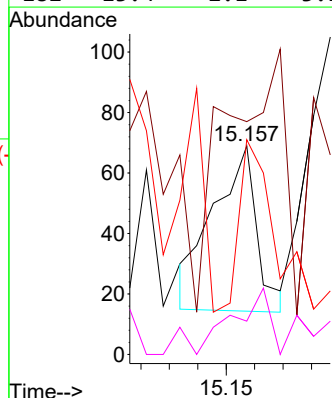
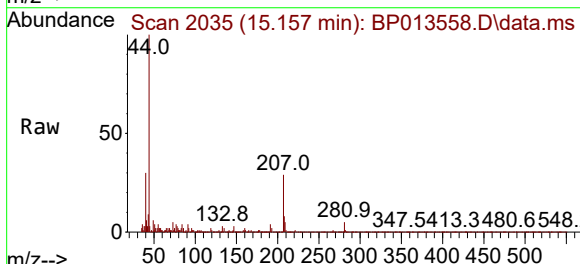
Instrument :
BNA_P
ClientSampleId :
PB150338BL

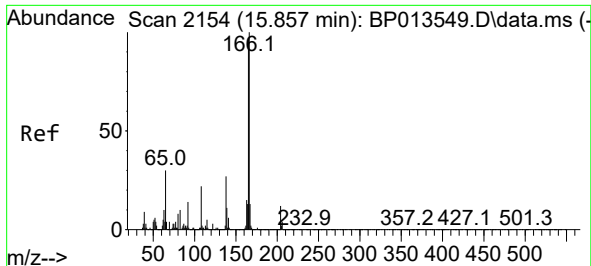
Tgt Ion:139 Resp: 64
Ion Ratio Lower Upper
139 100
109 65.0 55.0 95.0
65 317.5 77.7 117.7#



#57
2,4-Dinitrotoluene
Concen: 5.198 ng
RT: 15.157 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BP013558.D
Acq: 23 Jan 2023 21:30

Tgt Ion:165 Resp: 58
Ion Ratio Lower Upper
165 100
63 93.9 38.3 57.5#
89 86.6 62.1 93.1
182 13.4 2.1 3.1#

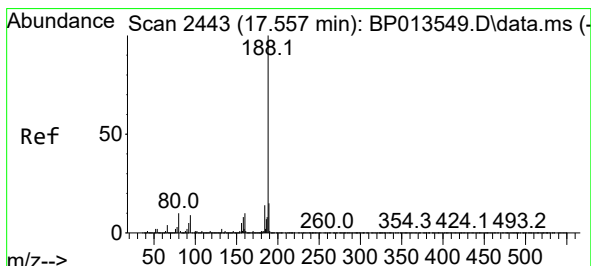
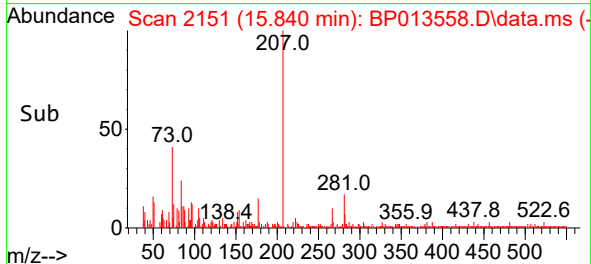
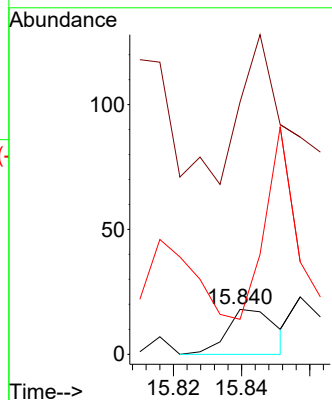
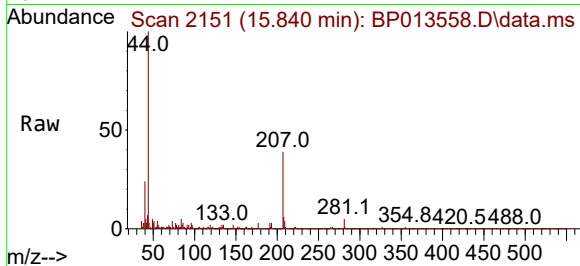




#62
4-Nitroaniline
Concen: 3.665 ng
RT: 15.840 min Scan# 2154
Delta R.T. -0.017 min
Lab File: BP013558.D
Acq: 23 Jan 2023 21:30

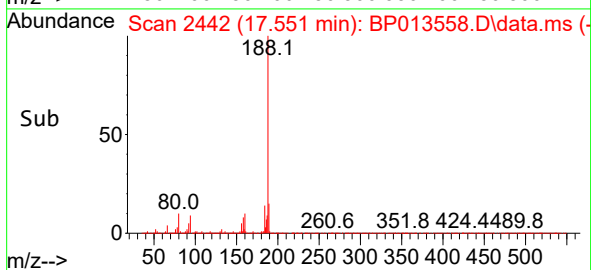
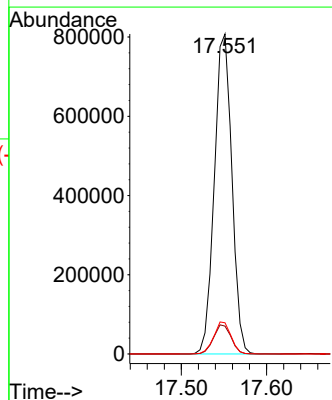
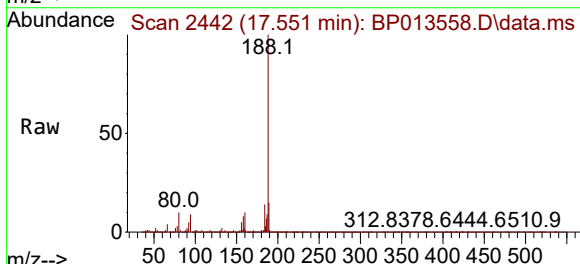
Instrument :
BNA_P
ClientSampleId :
PB150338BL

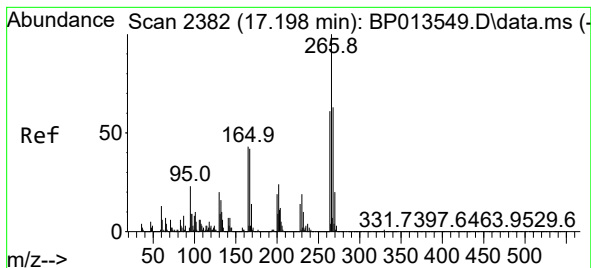
Tgt Ion:138 Resp: 18
Ion Ratio Lower Upper
138 100
92 561.1 32.3 72.3#
108 77.8 59.2 99.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.551 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BP013558.D
Acq: 23 Jan 2023 21:30

Tgt Ion:188 Resp: 1152256
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.7 8.2 12.2





#70

Pentachlorophenol

Concen: 5.341 ng

RT: 17.192 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013558.D

Acq: 23 Jan 2023 21:30

Instrument :

BNA_P

ClientSampleId :

PB150338BL

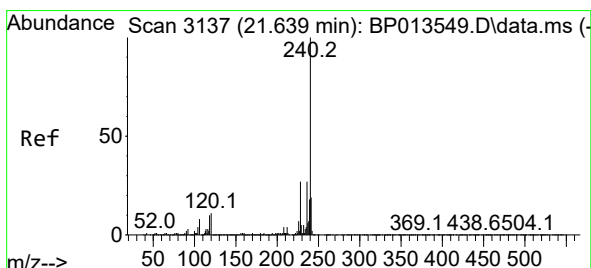
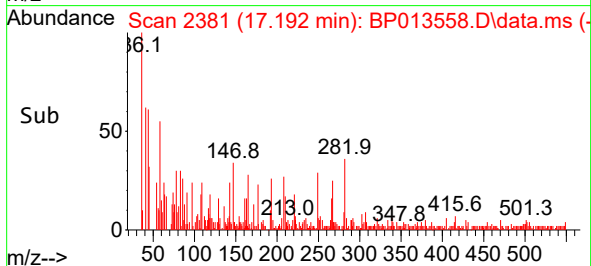
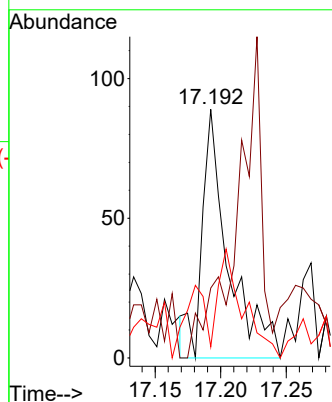
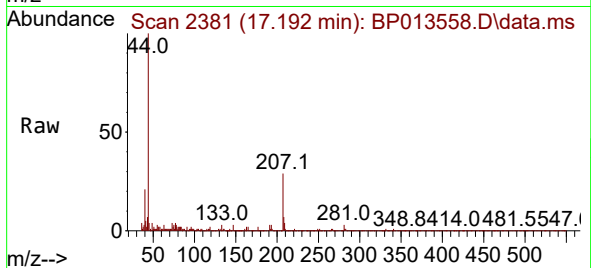
Tgt Ion:266 Resp: 124

Ion Ratio Lower Upper

266 100

268 28.1 50.7 76.1#

264 22.5 48.9 73.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.627 min Scan# 3135

Delta R.T. -0.012 min

Lab File: BP013558.D

Acq: 23 Jan 2023 21:30

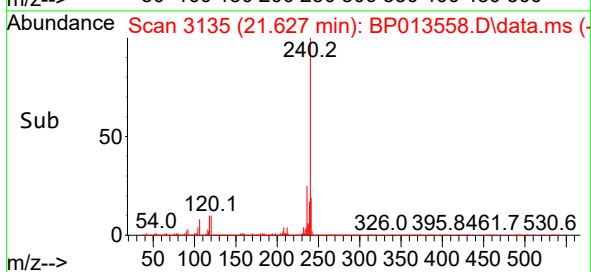
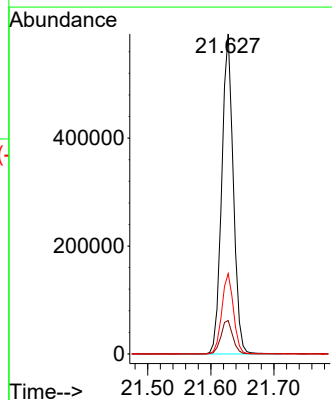
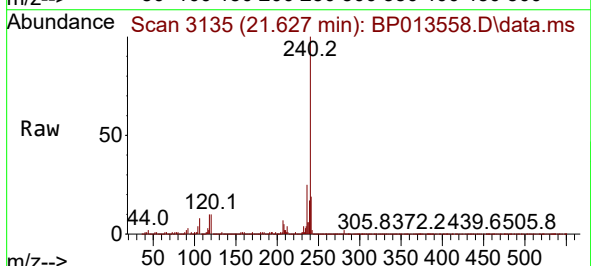
Tgt Ion:240 Resp: 756342

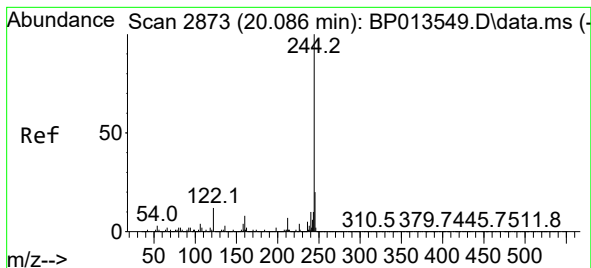
Ion Ratio Lower Upper

240 100

120 10.5 8.6 13.0

236 25.1 21.3 31.9





#79

Terphenyl-d14

Concen: 101.667 ng

RT: 20.081 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013558.D

Acq: 23 Jan 2023 21:30

Instrument :

BNA_P

ClientSampleId :

PB150338BL

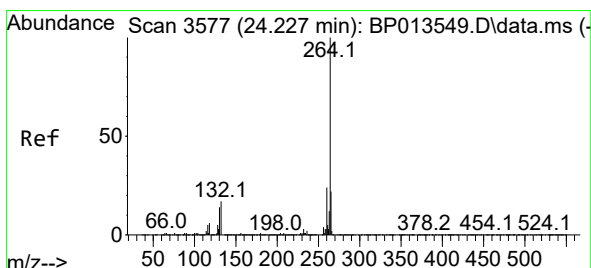
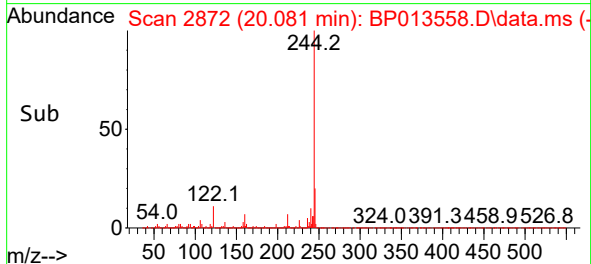
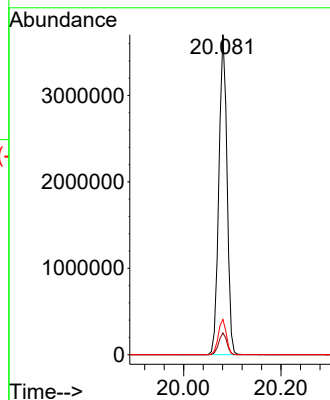
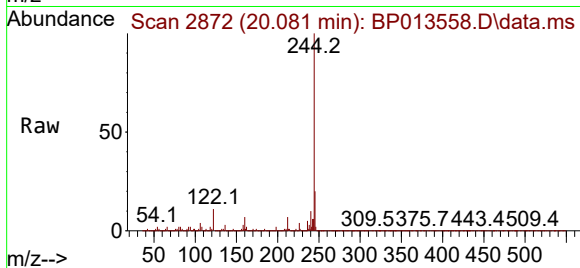
Tgt Ion:244 Resp: 4274336

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.0 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.216 min Scan# 3575

Delta R.T. -0.012 min

Lab File: BP013558.D

Acq: 23 Jan 2023 21:30

Tgt Ion:264 Resp: 827310

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 21.4 17.4 26.2

