

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
 Data File : BP021570.D
 Acq On : 20 Aug 2024 12:59
 Operator : RC/JU
 Sample : P3650-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RW7-SP100-20240814

Quant Time: Aug 20 13:40:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

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

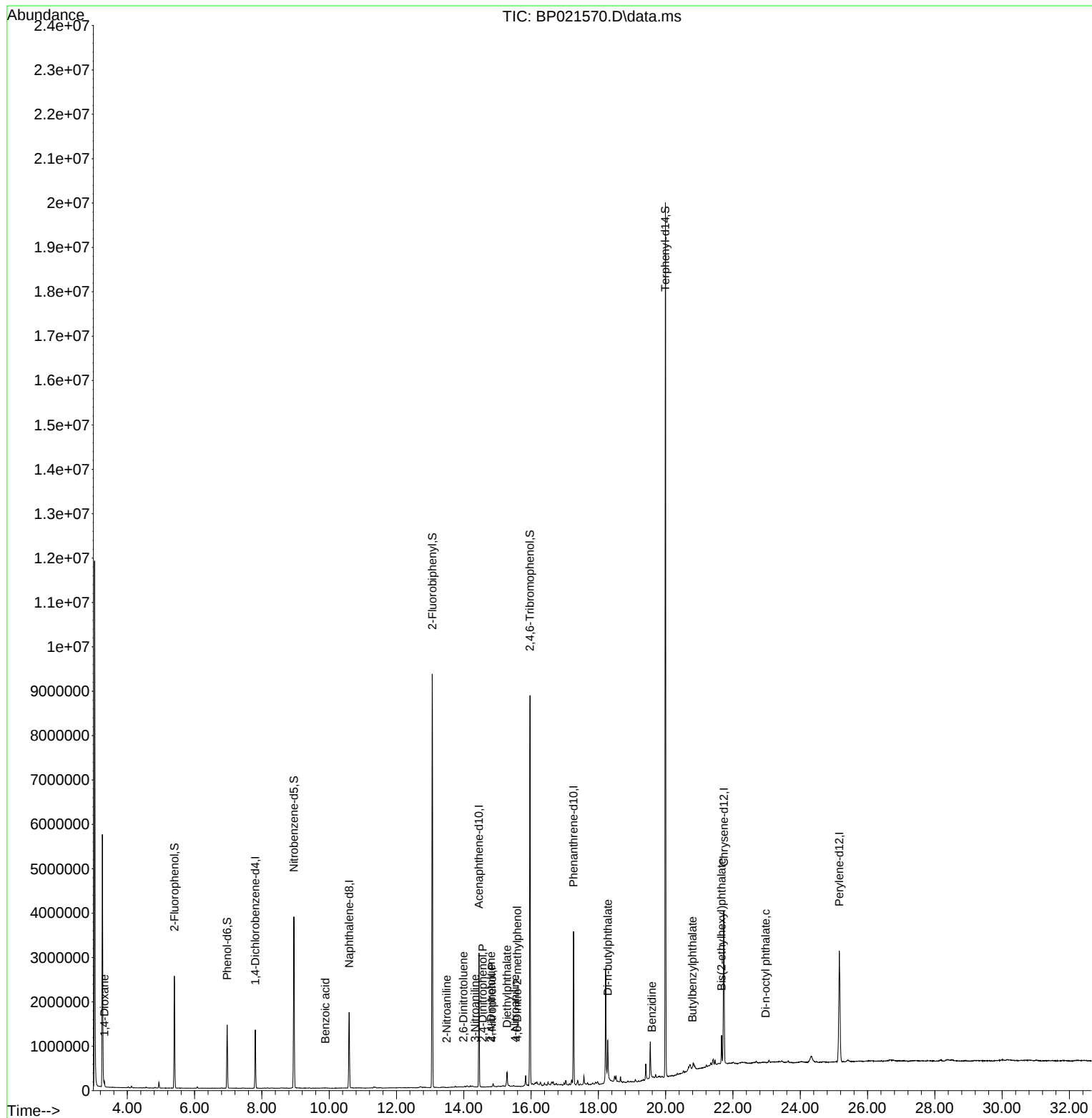
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	340744	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1371434	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	924143	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	2078342	20.000	ng	0.01
76) Chrysene-d12	21.727	240	2108915	20.000	ng	0.03
86) Perylene-d12	25.162	264	2476983	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1140424	49.696	ng	0.00
7) Phenol-d6	6.969	99	932273	27.849	ng	0.00
23) Nitrobenzene-d5	8.951	82	2514558	94.637	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	1700054	165.289	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	4794400	79.176	ng	0.00
79) Terphenyl-d14	19.992	244	9672298	89.101	ng	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	56649	5.206	ng	# 89
26) 2-Nitrophenol	9.681	139	60	Below Cal		# 1
32) Benzoic acid	9.887	122	489	3.387	ng	# 15
48) 2-Nitroaniline	13.492	65	366	5.170	ng	# 52
51) 2,6-Dinitrotoluene	13.987	165	366	4.012	ng	# 87
53) 3-Nitroaniline	14.334	138	167	3.982	ng	# 55
54) 2,4-Dinitrophenol	14.563	184	142	2.493	ng	# 1
56) 4-Nitrophenol	14.839	139	293	5.105	ng	# 91
57) 2,4-Dinitrotoluene	14.810	165	300	5.039	ng	# 83
60) Diethylphthalate	15.286	149	261478	4.118	ng	# 98
62) 4-Nitroaniline	15.528	138	157	2.946	ng	# 84
65) 4,6-Dinitro-2-methylph...	15.592	198	302	4.669	ng	# 1
74) Di-n-butylphthalate	18.280	149	814578	7.021	ng	# 100
77) Benzidine	19.592	184	425	4.579	ng	# 1
80) Butylbenzylphthalate	20.798	149	578	3.613	ng	# 89
84) Bis(2-ethylhexyl)phtha...	21.663	149	275511	3.521	ng	# 99
85) Di-n-octyl phthalate	22.974	149	2215	4.851	ng	# 1

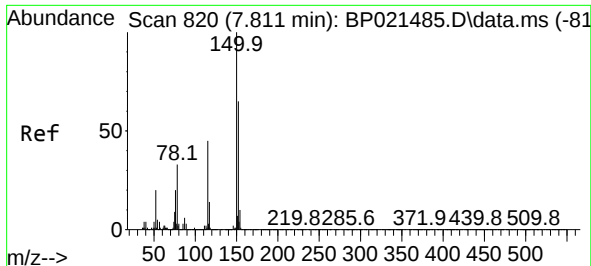
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
Data File : BP021570.D
Acq On : 20 Aug 2024 12:59
Operator : RC/JU
Sample : P3650-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RW7-SP100-20240814

Quant Time: Aug 20 13:40:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration

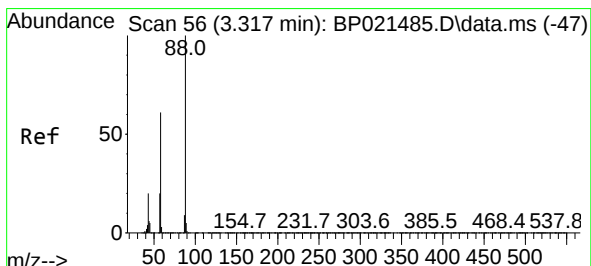
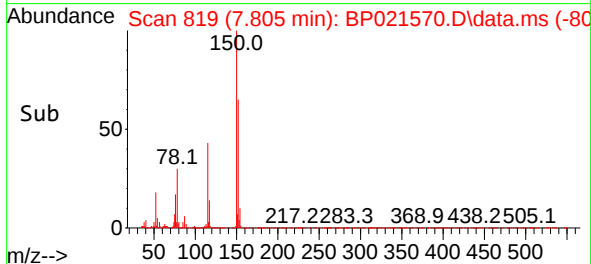
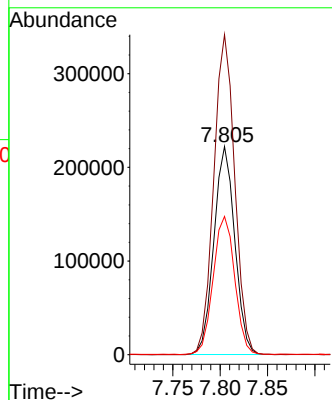
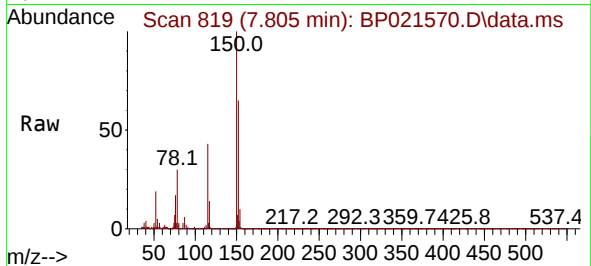




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.805 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP021570.D
 Acq: 20 Aug 2024 12:59

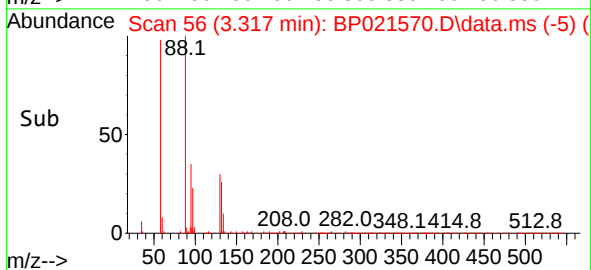
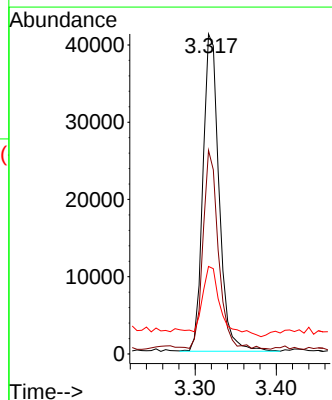
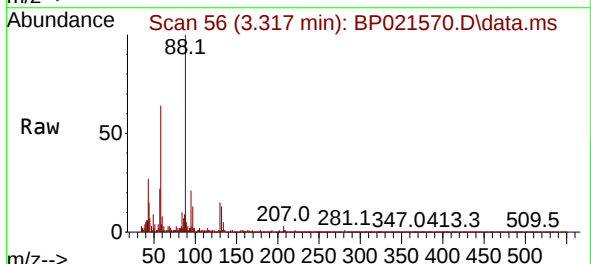
Instrument :
 BNA_P
 ClientSampleId :
 RW7-SP100-20240814

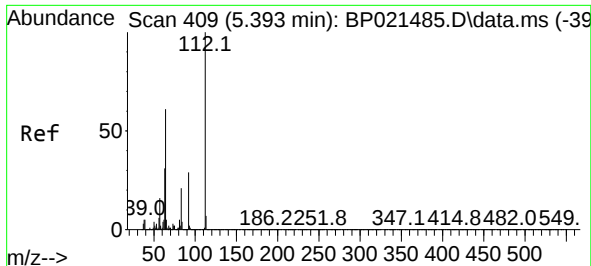
Tgt Ion:152 Resp: 340744
 Ion Ratio Lower Upper
 152 100
 150 153.7 122.4 183.6
 115 66.4 54.7 82.1



#2
 1,4-Dioxane
 Concen: 5.206 ng
 RT: 3.317 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: BP021570.D
 Acq: 20 Aug 2024 12:59

Tgt Ion: 88 Resp: 56649
 Ion Ratio Lower Upper
 88 100
 58 60.0 48.7 73.1
 43 0.0 15.4 23.2#

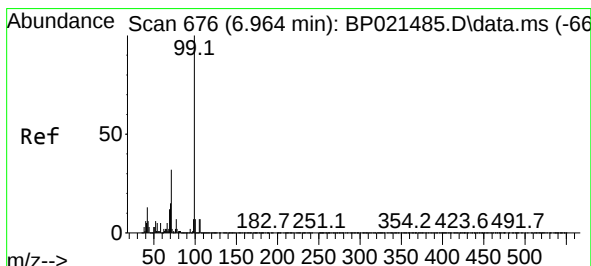
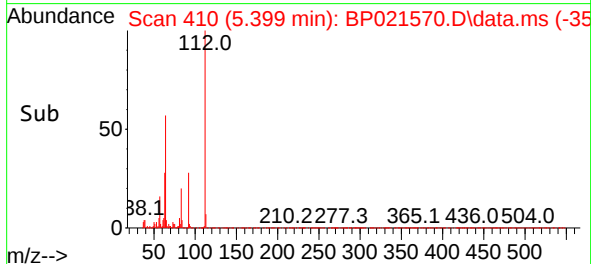
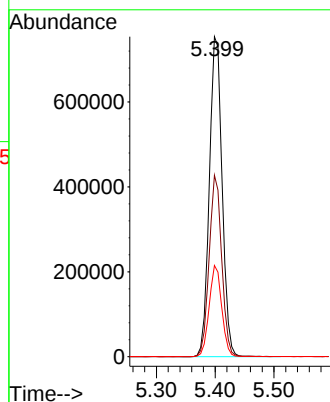
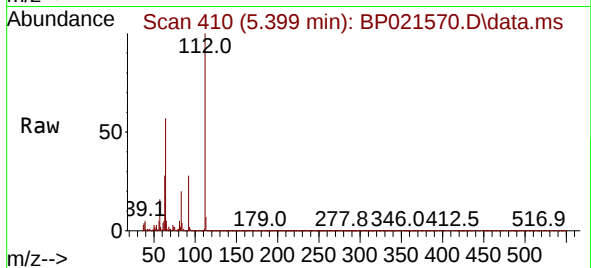




#5
2-Fluorophenol
Concen: 49.696 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021570.D
Acq: 20 Aug 2024 12:59

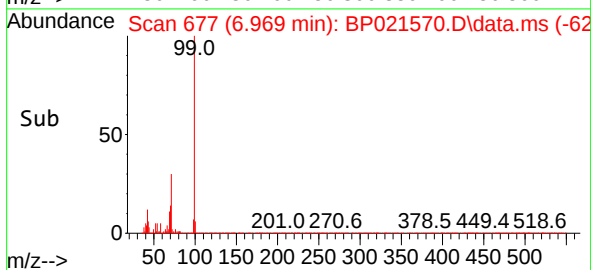
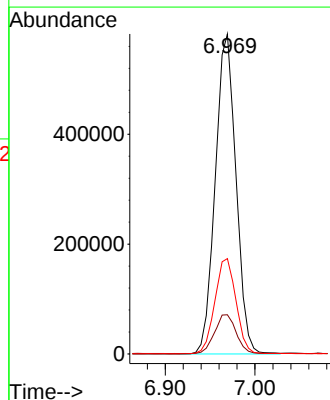
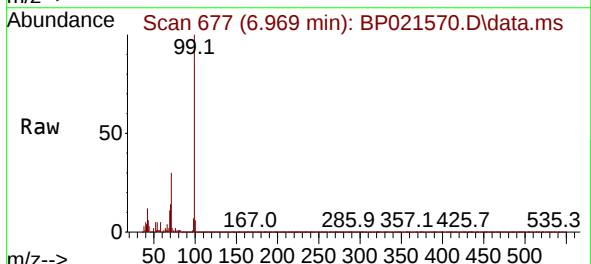
Instrument :
BNA_P
ClientSampleId :
RW7-SP100-20240814

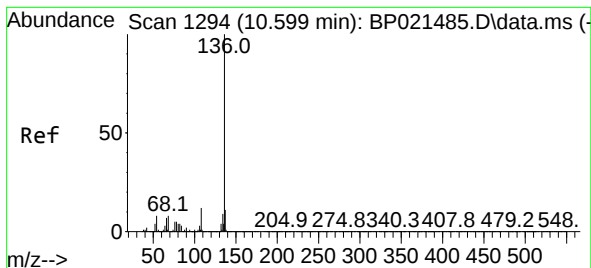
Tgt Ion:112 Resp: 1140424
Ion Ratio Lower Upper
112 100
64 56.7 49.0 73.6
63 28.5 24.6 36.8



#7
Phenol-d6
Concen: 27.849 ng
RT: 6.969 min Scan# 677
Delta R.T. 0.006 min
Lab File: BP021570.D
Acq: 20 Aug 2024 12:59

Tgt Ion: 99 Resp: 932273
Ion Ratio Lower Upper
99 100
42 12.2 10.2 15.4
71 29.8 25.8 38.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.593 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP021570.D

Acq: 20 Aug 2024 12:59

Instrument :

BNA_P

ClientSampleId :

RW7-SP100-20240814

Tgt Ion:136 Resp: 1371434

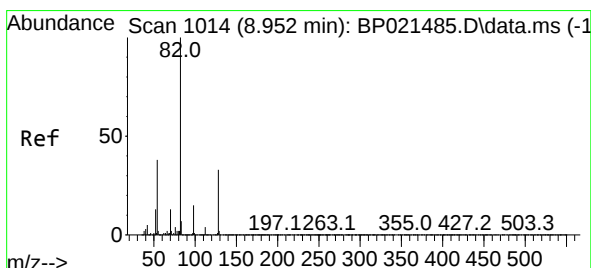
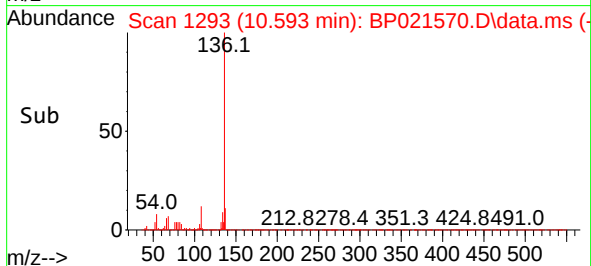
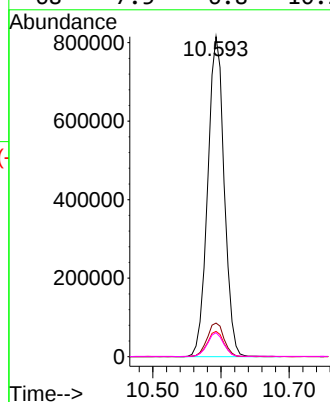
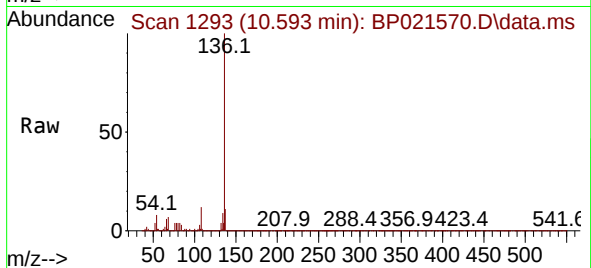
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 7.9 6.3 9.5

68 7.5 6.8 10.2



#23

Nitrobenzene-d5

Concen: 94.637 ng

RT: 8.951 min Scan# 1014

Delta R.T. -0.000 min

Lab File: BP021570.D

Acq: 20 Aug 2024 12:59

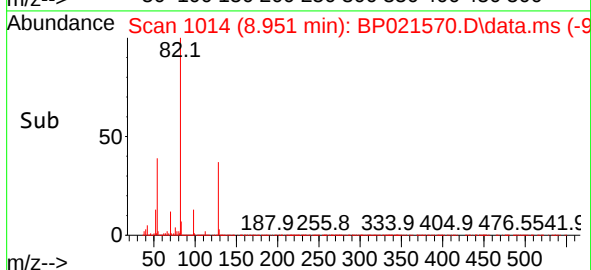
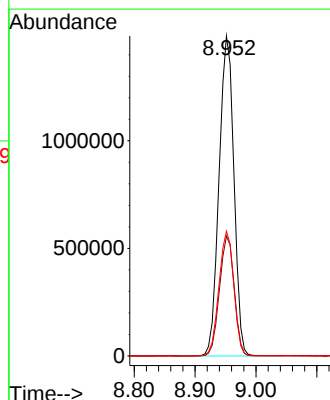
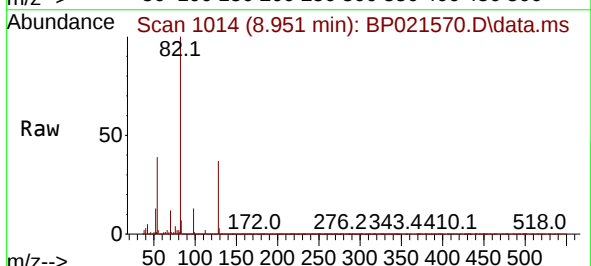
Tgt Ion: 82 Resp: 2514558

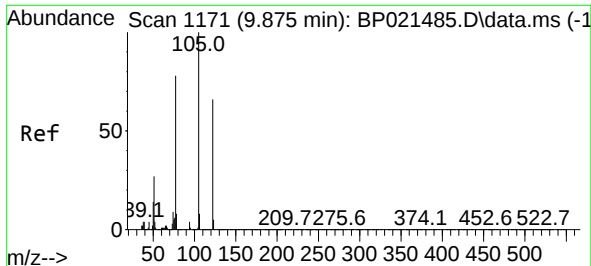
Ion Ratio Lower Upper

82 100

128 37.4 26.5 39.7

54 39.0 30.3 45.5

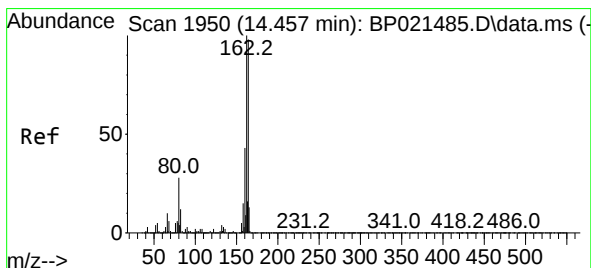
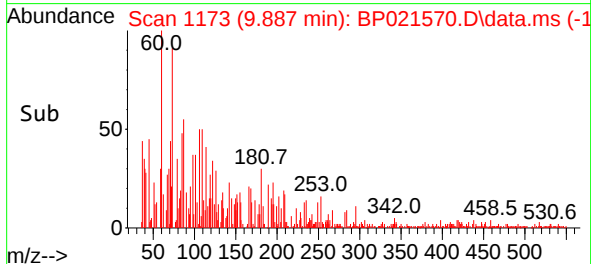
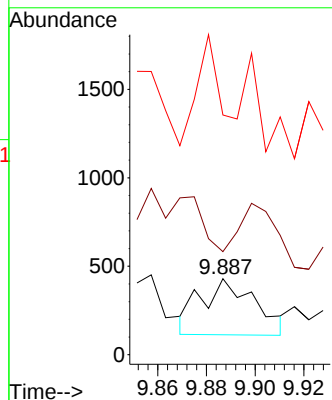
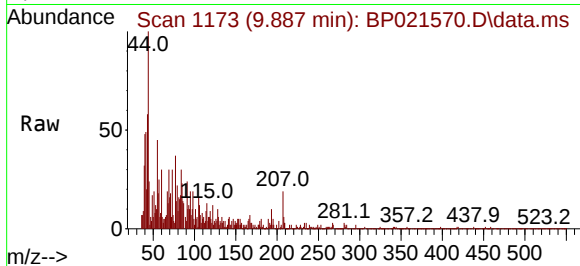




#32
Benzoic acid
Concen: 3.387 ng
RT: 9.887 min Scan# 1171
Delta R.T. 0.012 min
Lab File: BP021570.D
Acq: 20 Aug 2024 12:59

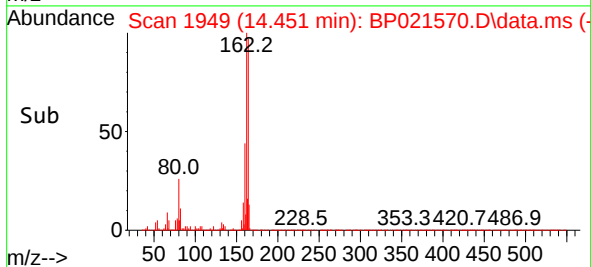
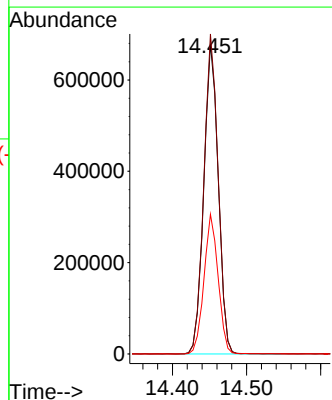
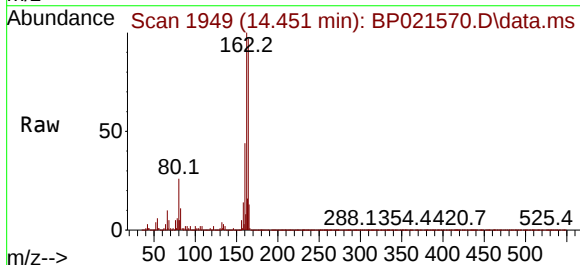
Instrument :
BNA_P
ClientSampleId :
RW7-SP100-20240814

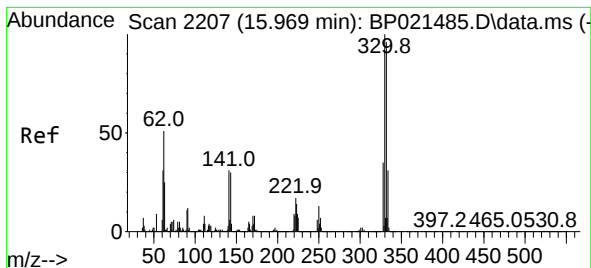
Tgt Ion:122 Resp: 489
Ion Ratio Lower Upper
122 100
105 135.6 124.6 164.6
77 315.1 96.2 136.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP021570.D
Acq: 20 Aug 2024 12:59

Tgt Ion:164 Resp: 924143
Ion Ratio Lower Upper
164 100
162 103.2 81.5 122.3
160 45.0 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 165.289 ng

RT: 15.969 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP021570.D

Acq: 20 Aug 2024 12:59

Instrument :

BNA_P

ClientSampleId :

RW7-SP100-20240814

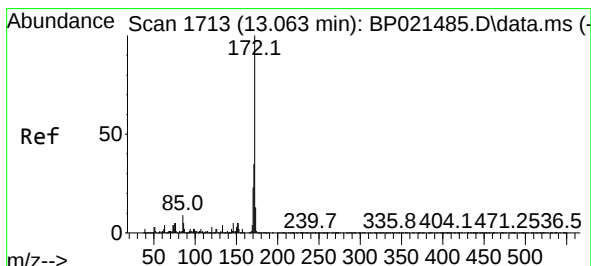
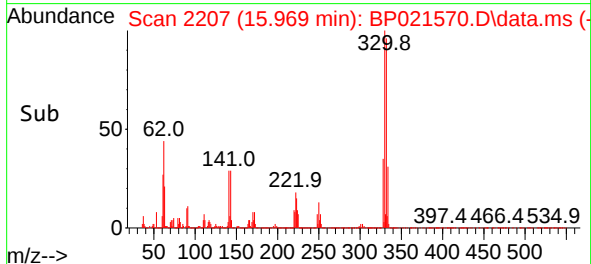
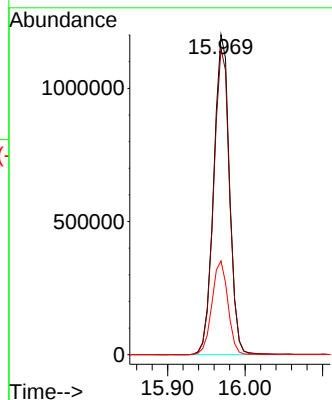
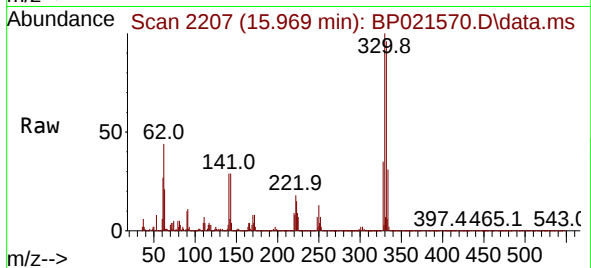
Tgt Ion:330 Resp: 1700054

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

141 29.6 24.5 36.7



#45

2-Fluorobiphenyl

Concen: 79.176 ng

RT: 13.063 min Scan# 1713

Delta R.T. -0.000 min

Lab File: BP021570.D

Acq: 20 Aug 2024 12:59

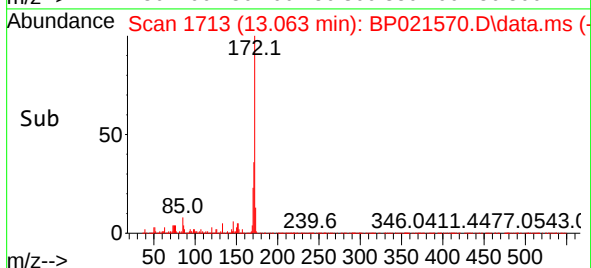
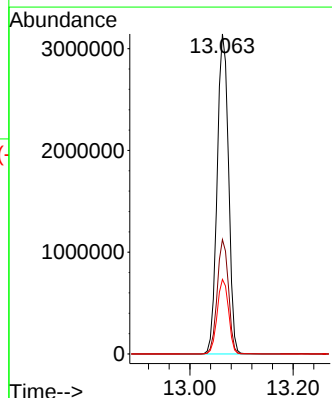
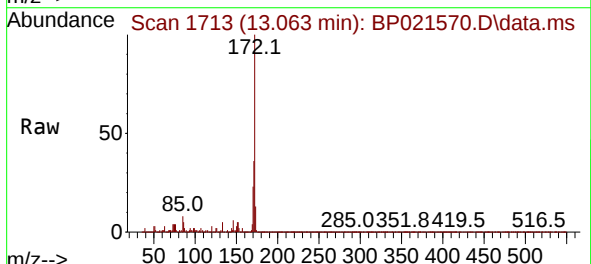
Tgt Ion:172 Resp: 4794400

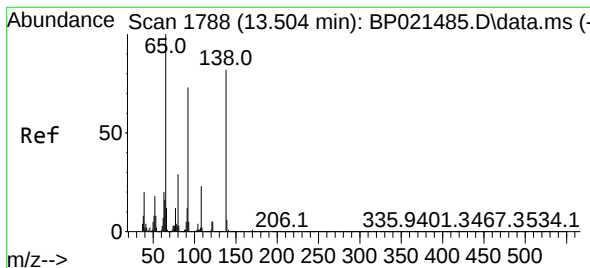
Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.4

170 23.3 18.4 27.6





#48

2-Nitroaniline

Concen: 5.170 ng

RT: 13.492 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP021570.D

Acq: 20 Aug 2024 12:59

Instrument :

BNA_P

ClientSampleId :

RW7-SP100-20240814

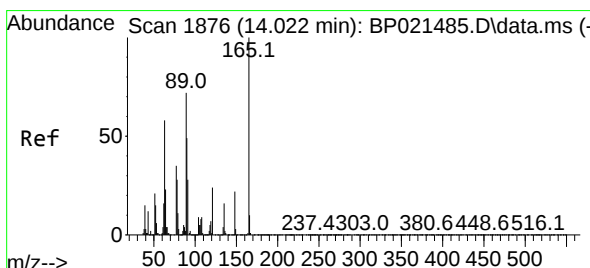
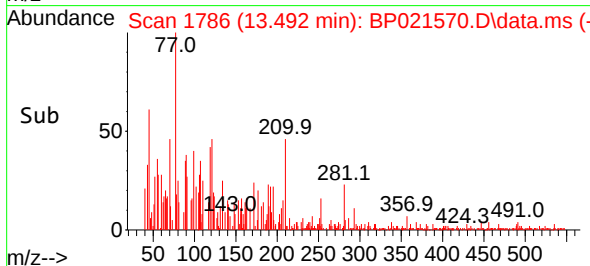
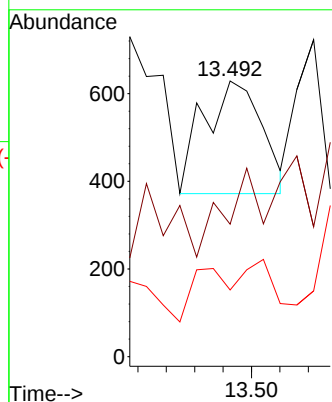
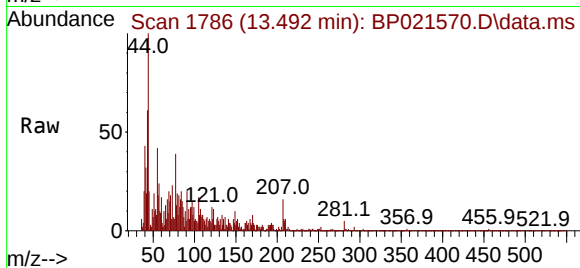
Tgt Ion: 65 Resp: 366

Ion Ratio Lower Upper

65 100

92 48.0 58.1 87.1#

138 24.2 65.5 98.3#



#51

2,6-Dinitrotoluene

Concen: 4.012 ng

RT: 13.987 min Scan# 1870

Delta R.T. -0.035 min

Lab File: BP021570.D

Acq: 20 Aug 2024 12:59

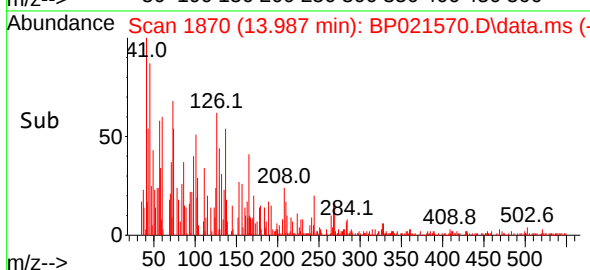
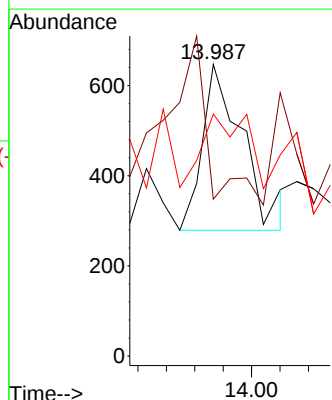
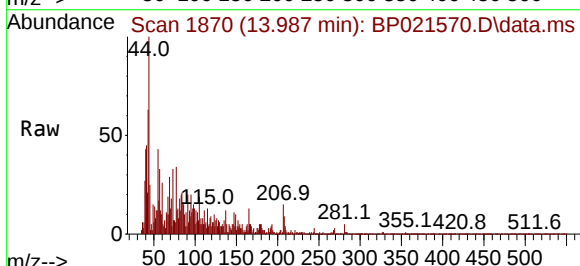
Tgt Ion:165 Resp: 366

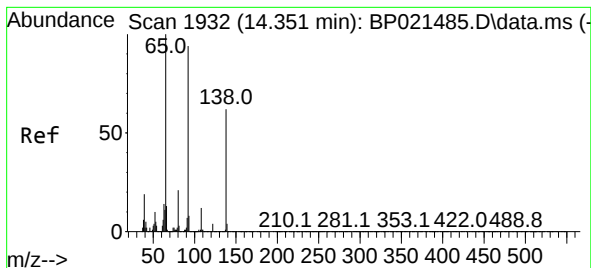
Ion Ratio Lower Upper

165 100

63 53.8 51.5 77.3

89 83.0 57.8 86.8





#53

3-Nitroaniline

Concen: 3.982 ng

RT: 14.334 min Scan# 1932

Delta R.T. -0.017 min

Lab File: BP021570.D

Acq: 20 Aug 2024 12:59

Instrument :

BNA_P

ClientSampleId :

RW7-SP100-20240814

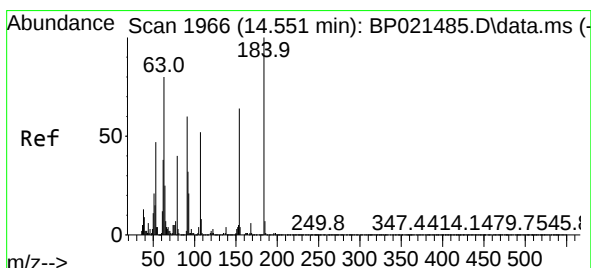
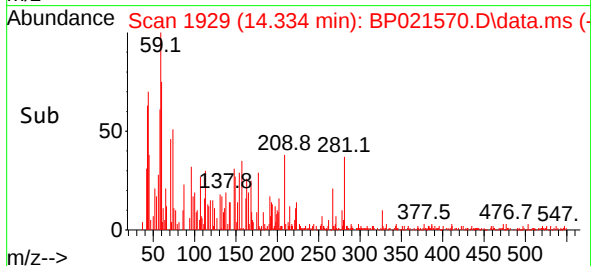
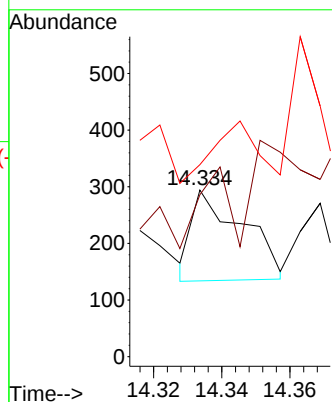
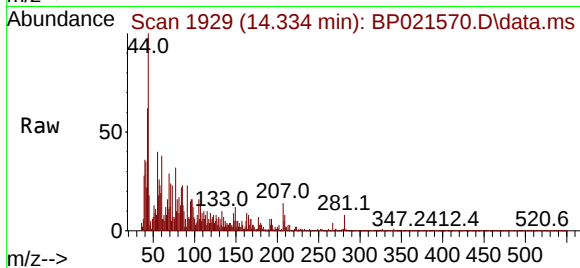
Tgt Ion:138 Resp: 167

Ion Ratio Lower Upper

138 100

108 97.3 16.2 24.4#

92 115.3 122.2 183.4#



#54

2,4-Dinitrophenol

Concen: 2.493 ng

RT: 14.563 min Scan# 1968

Delta R.T. 0.012 min

Lab File: BP021570.D

Acq: 20 Aug 2024 12:59

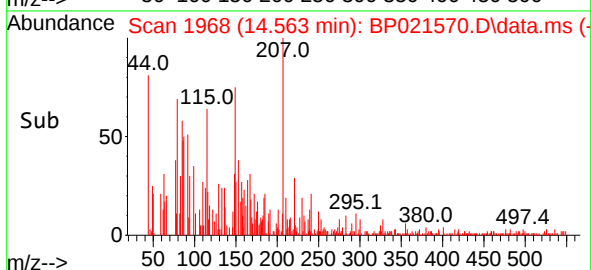
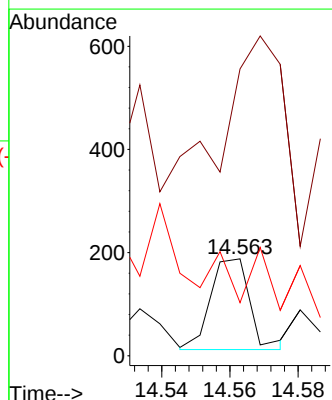
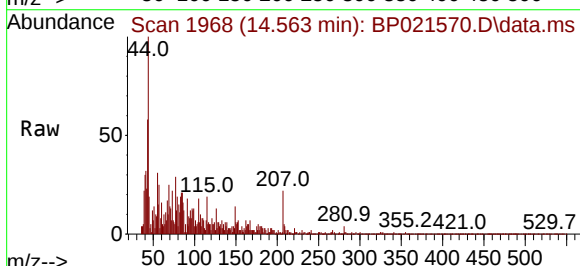
Tgt Ion:184 Resp: 142

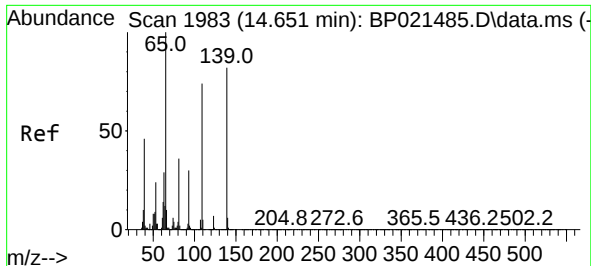
Ion Ratio Lower Upper

184 100

63 295.7 64.9 97.3#

154 54.8 52.1 78.1

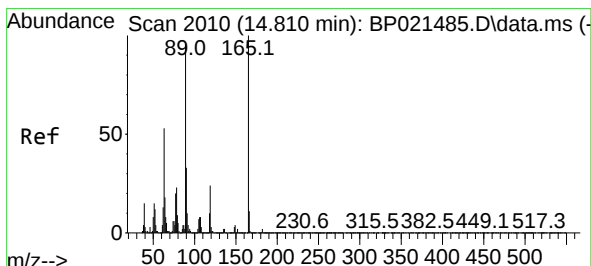
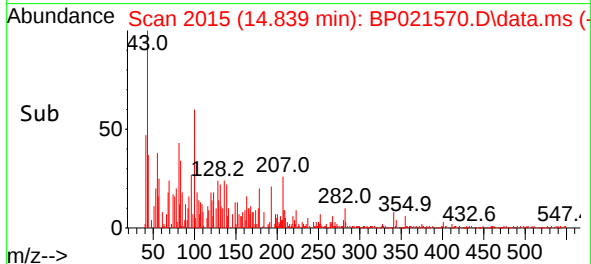
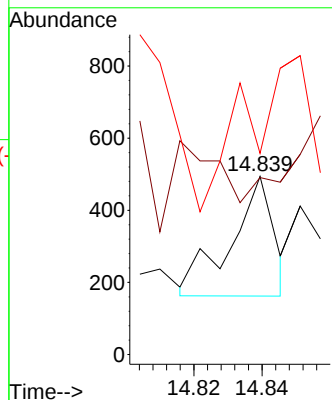
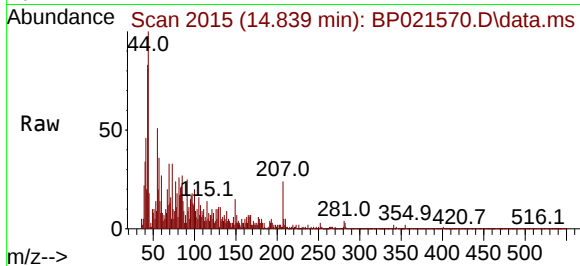




#56
4-Nitrophenol
Concen: 5.105 ng
RT: 14.839 min Scan# 2015
Delta R.T. 0.188 min
Lab File: BP021570.D
Acq: 20 Aug 2024 12:59

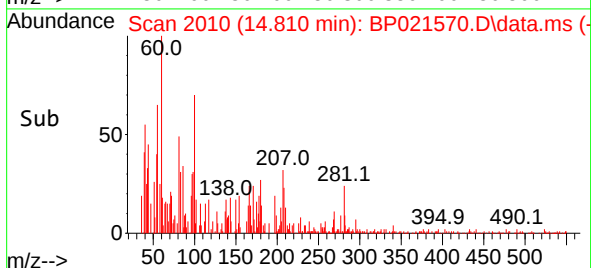
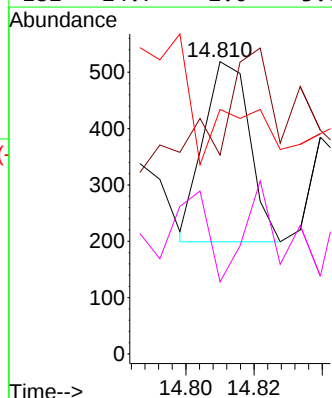
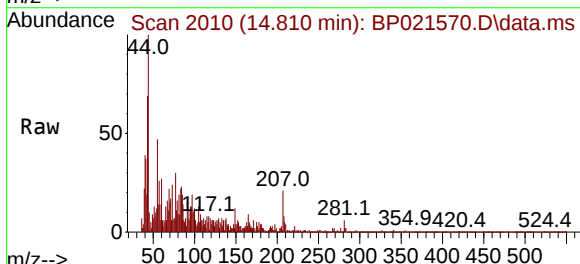
Instrument :
BNA_P
ClientSampleId :
RW7-SP100-20240814

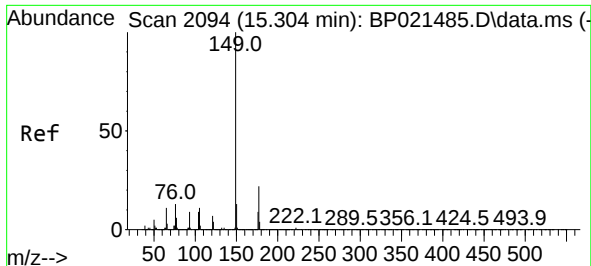
Tgt Ion:139 Resp: 293
Ion Ratio Lower Upper
139 100
109 99.4 70.2 110.2
65 113.0 101.8 141.8



#57
2,4-Dinitrotoluene
Concen: 5.039 ng
RT: 14.810 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BP021570.D
Acq: 20 Aug 2024 12:59

Tgt Ion:165 Resp: 300
Ion Ratio Lower Upper
165 100
63 68.0 42.5 63.7#
89 83.6 77.1 115.7
182 24.7 2.0 3.0#

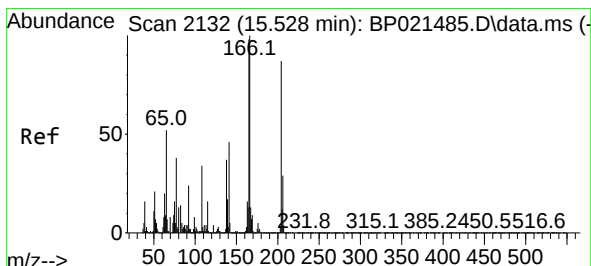
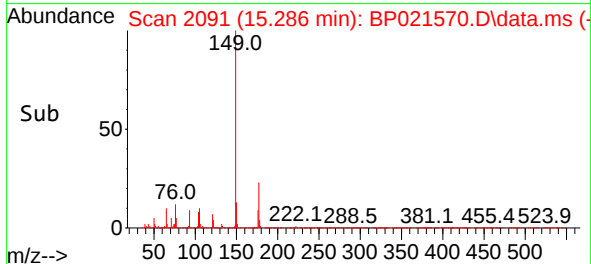
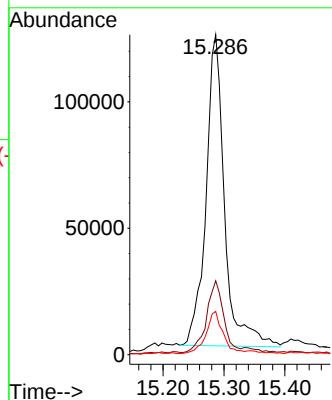
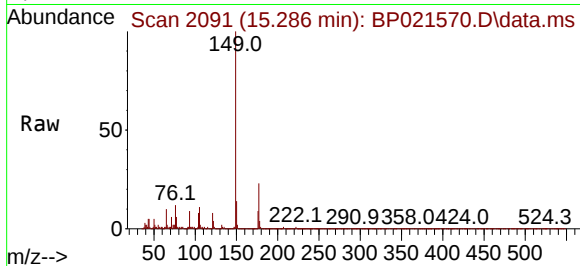




#60
Diethylphthalate
Concen: 4.118 ng
RT: 15.286 min Scan# 2094
Delta R.T. -0.018 min
Lab File: BP021570.D
Acq: 20 Aug 2024 12:59

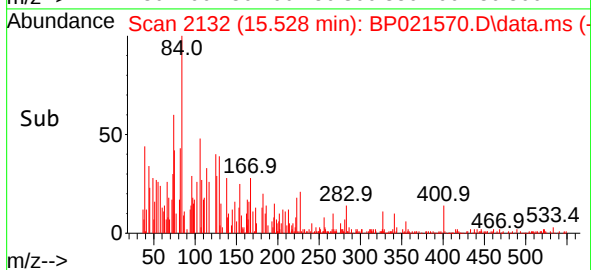
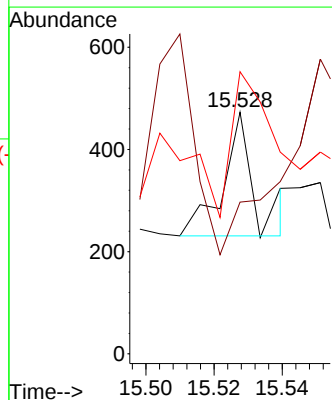
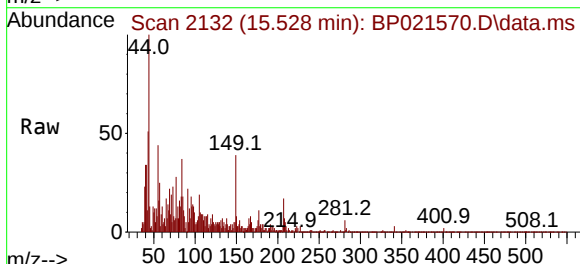
Instrument :
BNA_P
ClientSampleId :
RW7-SP100-20240814

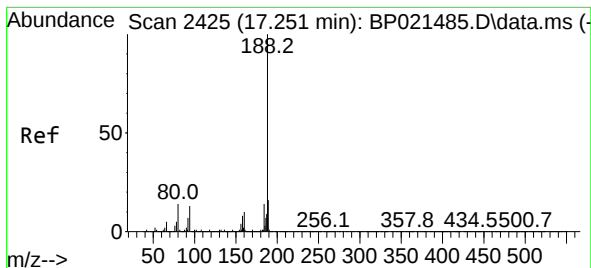
Tgt Ion:149 Resp: 261478
Ion Ratio Lower Upper
149 100
177 23.1 17.8 26.8
150 13.5 10.1 15.1



#62
4-Nitroaniline
Concen: 2.946 ng
RT: 15.528 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP021570.D
Acq: 20 Aug 2024 12:59

Tgt Ion:138 Resp: 157
Ion Ratio Lower Upper
138 100
92 62.8 46.4 86.4
108 116.7 73.2 113.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.263 min Scan# 2425

Delta R.T. 0.012 min

Lab File: BP021570.D

Acq: 20 Aug 2024 12:59

Instrument :

BNA_P

ClientSampleId :

RW7-SP100-20240814

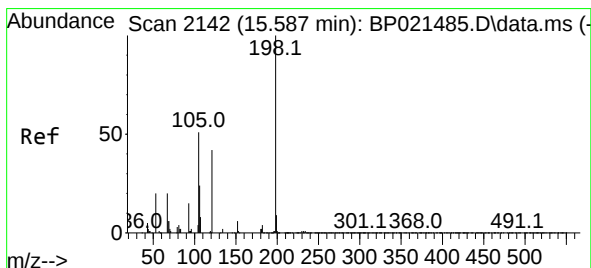
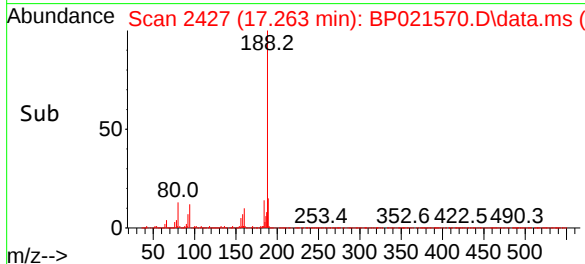
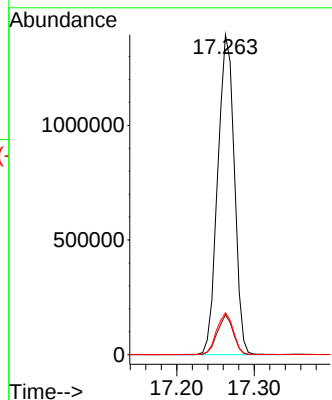
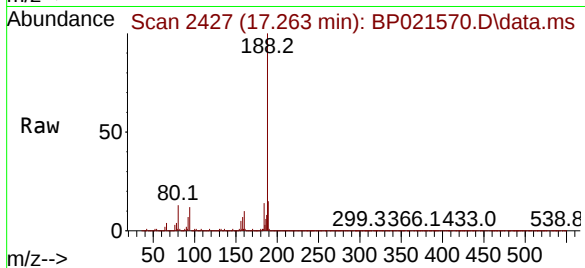
Tgt Ion:188 Resp: 2078342

Ion Ratio Lower Upper

188 100

94 12.5 10.2 15.4

80 13.1 11.6 17.4



#65

4,6-Dinitro-2-methylphenol

Concen: 4.669 ng

RT: 15.592 min Scan# 2143

Delta R.T. 0.005 min

Lab File: BP021570.D

Acq: 20 Aug 2024 12:59

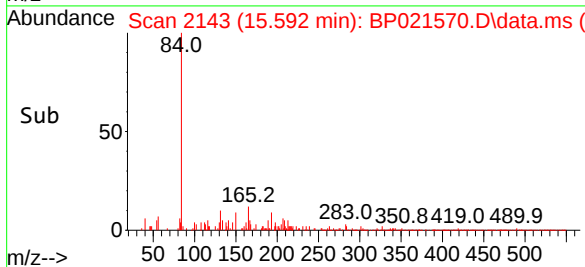
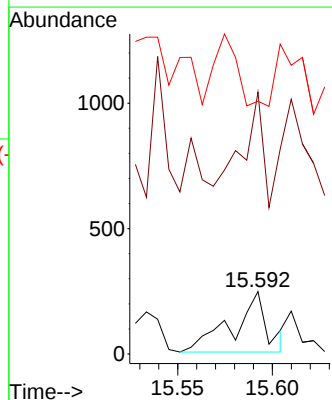
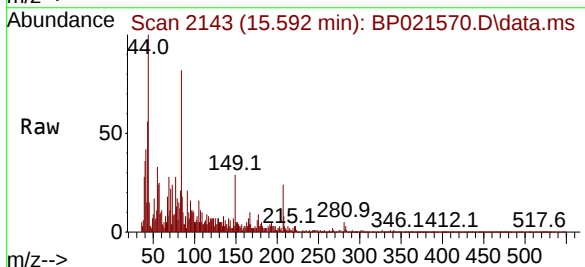
Tgt Ion:198 Resp: 302

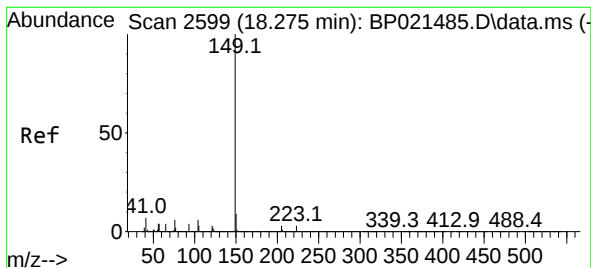
Ion Ratio Lower Upper

198 100

51 419.3 21.5 61.5#

105 404.8 32.9 72.9#





#74

Di-n-butylphthalate

Concen: 7.021 ng

RT: 18.280 min Scan# 20

Delta R.T. 0.006 min

Lab File: BP021570.D

Acq: 20 Aug 2024 12:59

Instrument :

BNA_P

ClientSampleId :

RW7-SP100-20240814

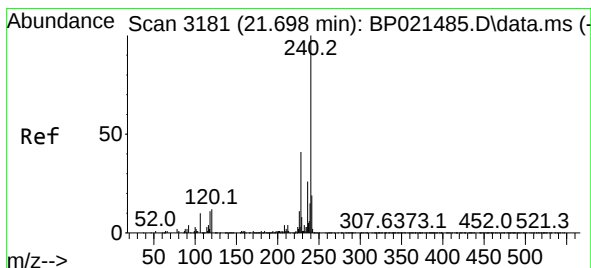
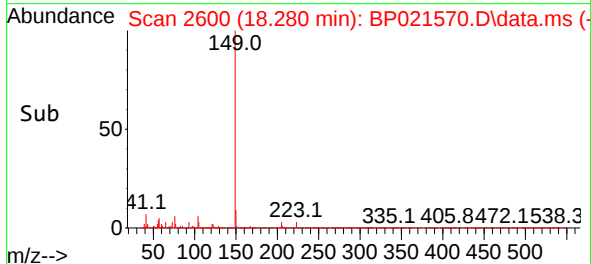
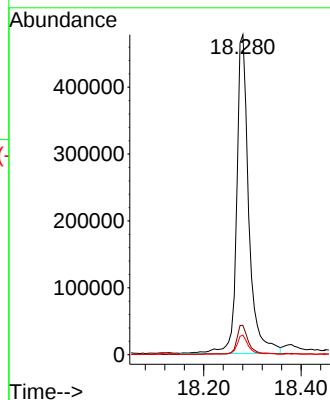
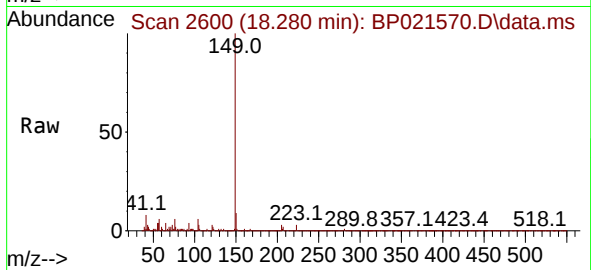
Tgt Ion:149 Resp: 814578

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 6.1 4.9 7.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.727 min Scan# 3186

Delta R.T. 0.029 min

Lab File: BP021570.D

Acq: 20 Aug 2024 12:59

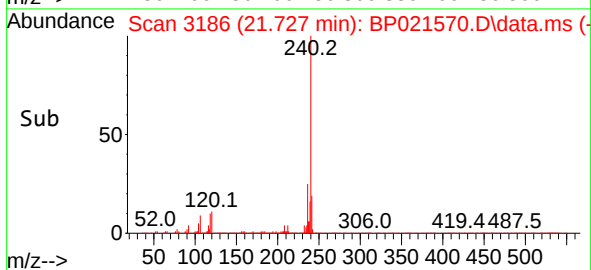
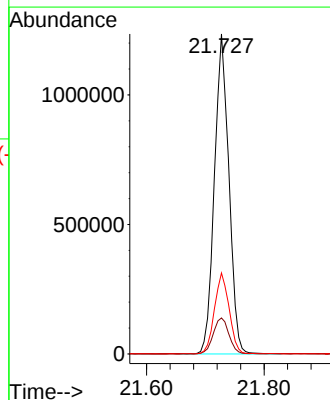
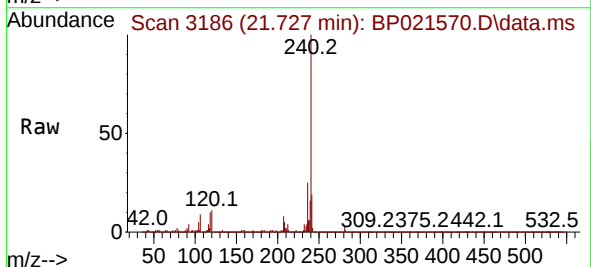
Tgt Ion:240 Resp: 2108915

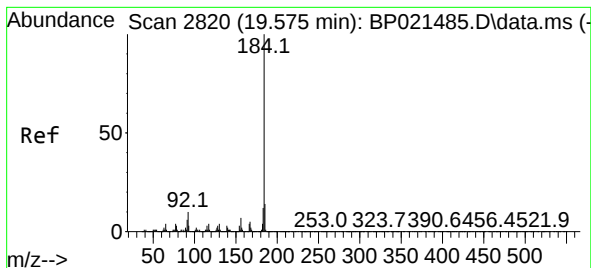
Ion Ratio Lower Upper

240 100

120 11.3 9.9 14.9

236 25.3 20.6 30.8





#77

Benzidine

Concen: 4.579 ng

RT: 19.592 min Scan# 2823

Delta R.T. 0.017 min

Lab File: BP021570.D

Acq: 20 Aug 2024 12:59

Instrument :

BNA_P

ClientSampleId :

RW7-SP100-20240814

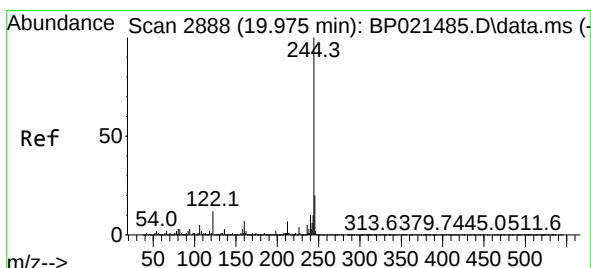
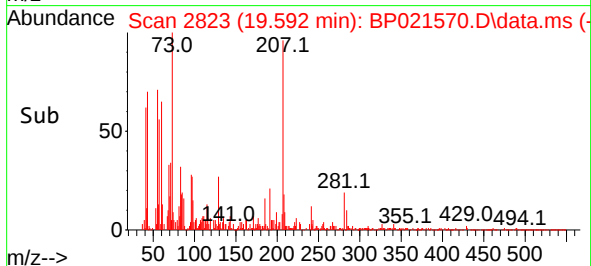
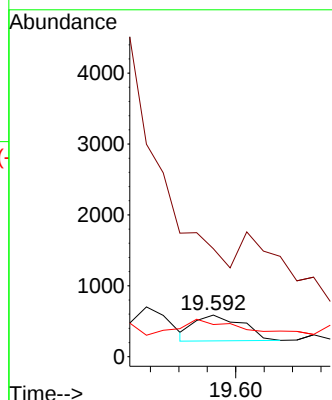
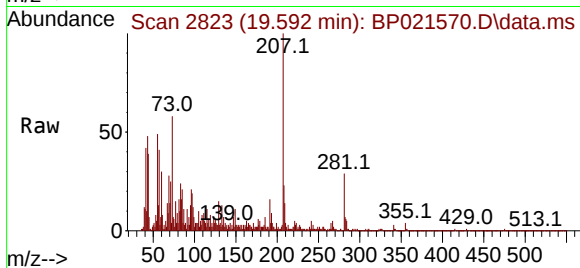
Tgt Ion:184 Resp: 425

Ion Ratio Lower Upper

184 100

185 259.6 11.4 17.0#

183 77.5 9.3 13.9#



#79

Terphenyl-d14

Concen: 89.101 ng

RT: 19.992 min Scan# 2891

Delta R.T. 0.017 min

Lab File: BP021570.D

Acq: 20 Aug 2024 12:59

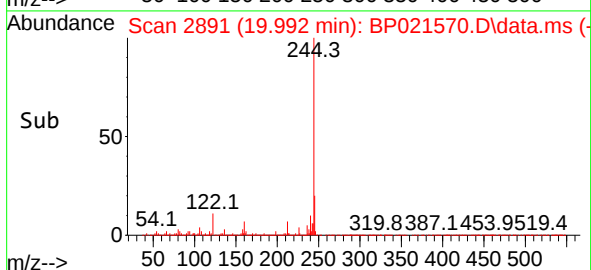
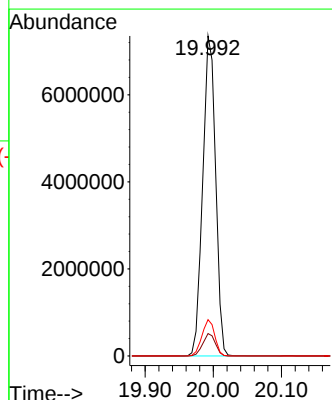
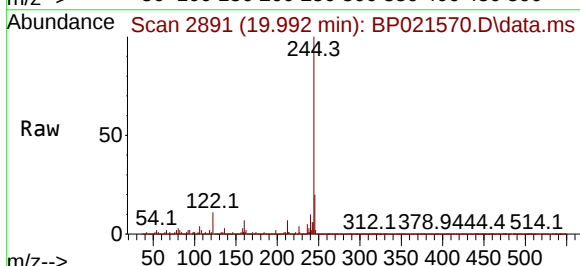
Tgt Ion:244 Resp: 9672298

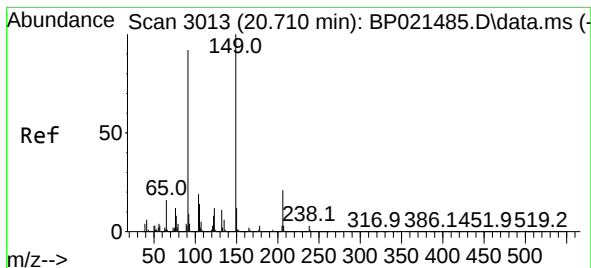
Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 11.4 9.4 14.2





#80

Butylbenzylphthalate

Concen: 3.613 ng

RT: 20.798 min Scan# 3013

Delta R.T. 0.088 min

Lab File: BP021570.D

Acq: 20 Aug 2024 12:59

Instrument :

BNA_P

ClientSampleId :

RW7-SP100-20240814

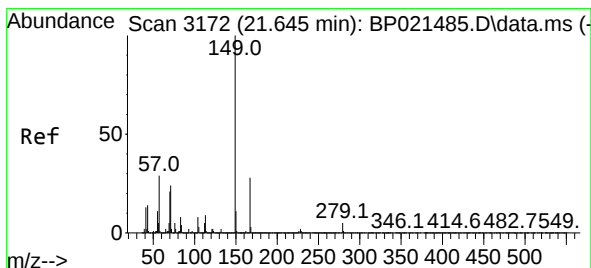
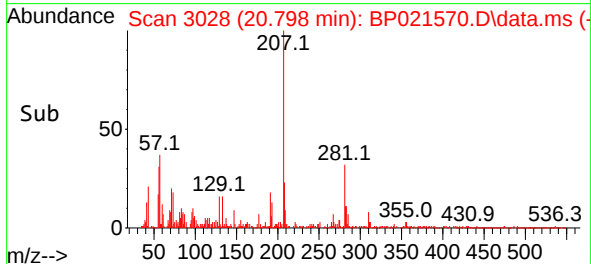
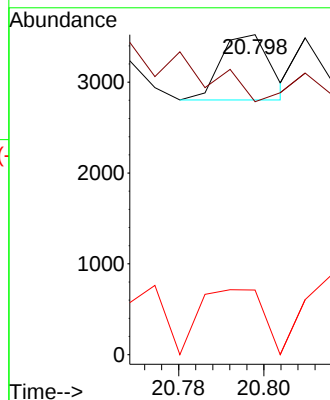
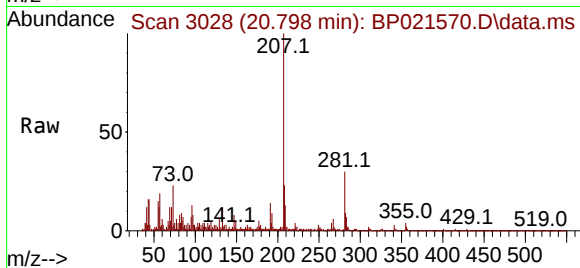
Tgt Ion:149 Resp: 578

Ion Ratio Lower Upper

149 100

91 79.1 73.3 109.9

206 20.2 17.1 25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.521 ng

RT: 21.663 min Scan# 3175

Delta R.T. 0.017 min

Lab File: BP021570.D

Acq: 20 Aug 2024 12:59

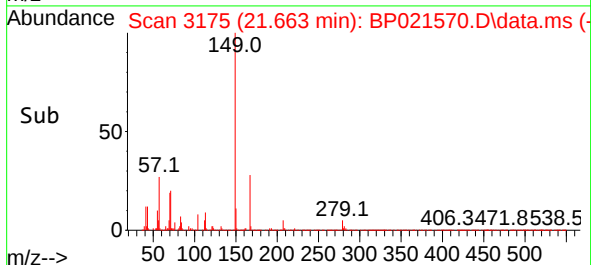
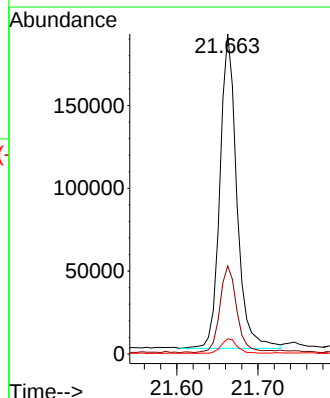
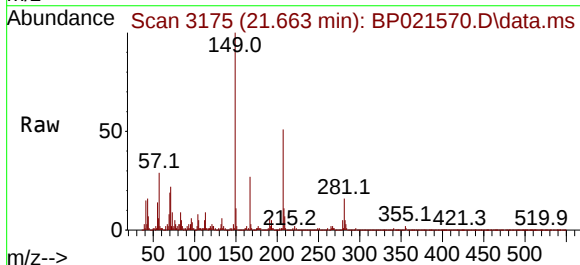
Tgt Ion:149 Resp: 275511

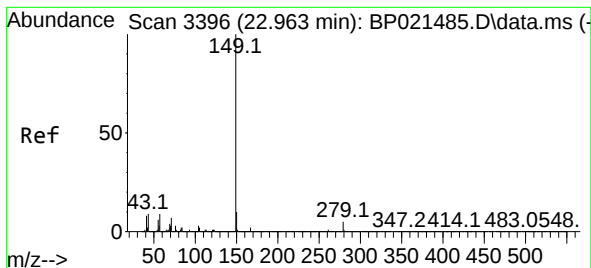
Ion Ratio Lower Upper

149 100

167 27.5 22.3 33.5

279 4.7 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 4.851 ng

RT: 22.974 min Scan# 31

Delta R.T. 0.011 min

Lab File: BP021570.D

Acq: 20 Aug 2024 12:59

Instrument :

BNA_P

ClientSampleId :

RW7-SP100-20240814

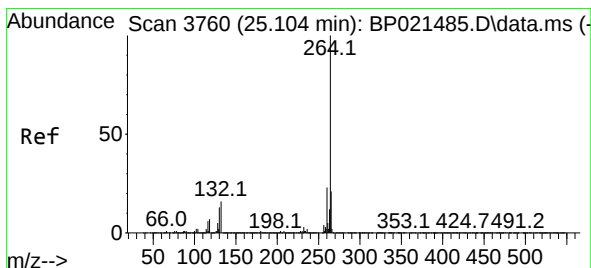
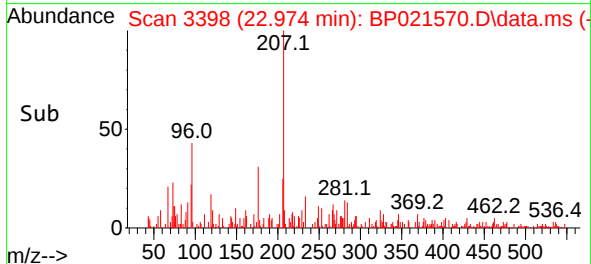
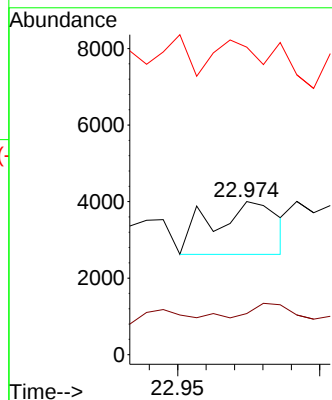
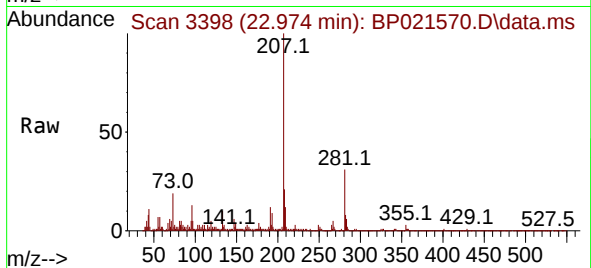
Tgt Ion:149 Resp: 2215

Ion Ratio Lower Upper

149 100

167 16.6 1.3 1.9#

43 86.7 7.3 10.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.162 min Scan# 3770

Delta R.T. 0.059 min

Lab File: BP021570.D

Acq: 20 Aug 2024 12:59

Tgt Ion:264 Resp: 2476983

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.8 17.1 25.7

