

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
 Data File : BP013633.D
 Acq On : 27 Jan 2023 23:58
 Operator : CG/JU
 Sample : 01190-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PE-2

Quant Time: Jan 29 23:56:07 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	8.163	152	203167	20.000	ng	0.00
21) Naphthalene-d8	11.004	136	443324	20.000	ng	# 0.02
39) Acenaphthene-d10	14.828	164	467627	20.000	ng	0.04
64) Phenanthrene-d10	17.580	188	689027	20.000	ng	# 0.03
76) Chrysene-d12	21.633	240	751330	20.000	ng	0.00
86) Perylene-d12	24.221	264	956404	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1167453	102.971	ng	0.00
7) Phenol-d6	7.305	99	1073014	70.059	ng	0.00
23) Nitrobenzene-d5	9.340	82	1070817	132.722	ng	0.00
42) 2,4,6-Tribromophenol	16.316	330	377349	53.002	ng	0.04
45) 2-Fluorobiphenyl	13.445	172	1656162	50.582	ng	0.02
79) Terphenyl-d14	20.098	244	2416472	56.755	ng	0.02
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.864	42	19628	3.534	ng	# 1
9) Benzaldehyde	7.299	77	624228	Below Cal		# 1
11) bis(2-Chloroethyl)ether	7.546	93	45912	3.456	ng	# 1
15) Benzyl Alcohol	8.399	79	51352	4.318	ng	# 65
18) Hexachloroethane	9.293	117	1865219	369.568	ng	# 1
19) n-Nitroso-di-n-propyla...	8.946	70	392410	39.425	ng	# 40
22) Acetophenone	8.987	105	4760415	425.413	ng	# 59
24) Nitrobenzene	9.375	77	307207	36.382	ng	# 25
25) Isophorone	9.928	82	1123926	63.595	ng	# 1
26) 2-Nitrophenol	10.122	139	76143	20.992	ng	# 1
27) 2,4-Dimethylphenol	10.181	122	16896	2.516	ng	# 1
28) bis(2-Chloroethoxy)met...	10.410	93	35879	3.568	ng	# 1
29) 2,4-Dichlorophenol	10.622	162	73651	9.747	ng	# 31
31) Naphthalene	11.063	128	2651984	117.723	ng	# 84
33) 4-Chloroaniline	11.181	127	23006	2.352	ng	# 1
35) Caprolactam	11.928	113	185180	85.471	ng	# 1
36) 4-Chloro-3-methylphenol	12.251	107	60330	7.531	ng	# 35
37) 2-Methylnaphthalene	12.669	142	5368383	311.814	ng	# 98
38) 1-Methylnaphthalene	12.881	142	3101737	192.488	ng	# 97
46) 1,1'-Biphenyl	13.657	154	1295651	37.182	ng	# 95
48) 2-Nitroaniline	13.922	65	38968	9.529	ng	# 34
49) Acenaphthylene	14.551	152	149986	3.419	ng	# 1
51) 2,6-Dinitrotoluene	14.375	165	75689	11.408	ng	# 81
52) Acenaphthene	14.886	154	221826	7.902	ng	# 70
53) 3-Nitroaniline	14.728	138	16797	2.492	ng	# 64
55) Dibenzofuran	15.216	168	335386	7.628	ng	# 1
56) 4-Nitrophenol	15.034	139	245080	41.393	ng	# 54
57) 2,4-Dinitrotoluene	15.175	165	31560	4.698	ng	# 64
58) Fluorene	15.875	166	775533	23.066	ng	# 83
60) Diethylphthalate	15.622	149	185455	5.591	ng	# 40
63) Azobenzene	16.145	77	174760	5.171	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.916	198	18020	4.864	ng	# 1
66) n-Nitrosodiphenylamine	16.081	169	1177190	62.010	ng	# 55
69) Atrazine	17.075	200	345810	59.590	ng	# 70
71) Phenanthrene	17.622	178	941830	26.652	ng	# 90
72) Anthracene	17.733	178	88784	2.486	ng	# 1

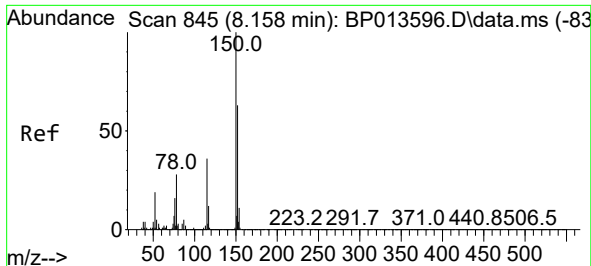
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
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QLast Update : Fri Jan 27 03:27:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) Di-n-butylphthalate	18.504	149	5142	3.732	ng	# 1
78) Pyrene	19.916	202	719676	12.377	ng	# 94
80) Butylbenzylphthalate	20.745	149	6916	6.129	ng	# 1
82) 3,3'-Dichlorobenzidine	21.527	252	1093	6.425	ng	# 9
84) Bis(2-ethylhexyl)phtha...	21.510	149	5985	3.856	ng	# 49

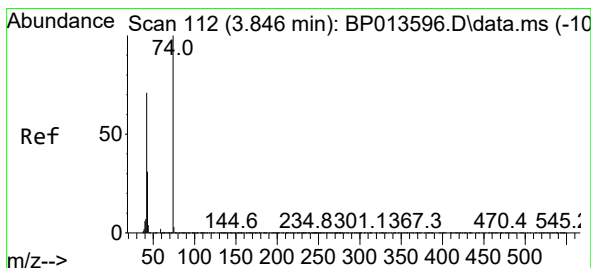
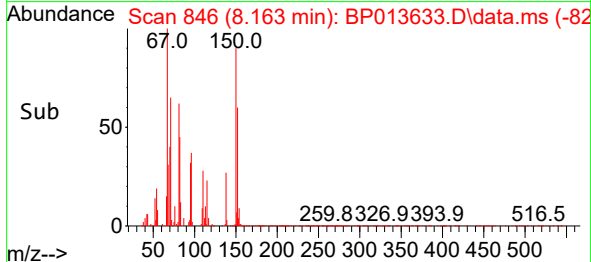
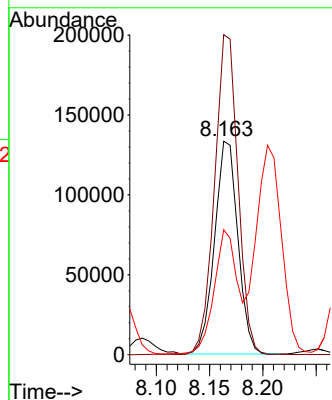
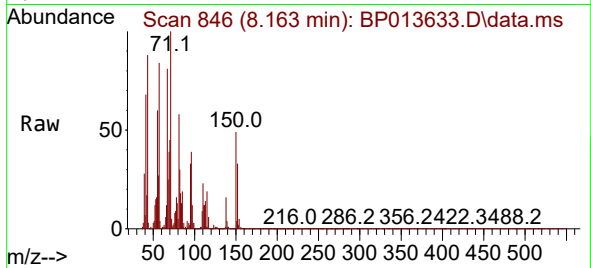
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.163 min Scan# 84
Delta R.T. 0.005 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

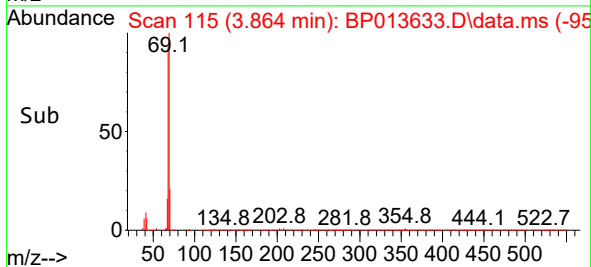
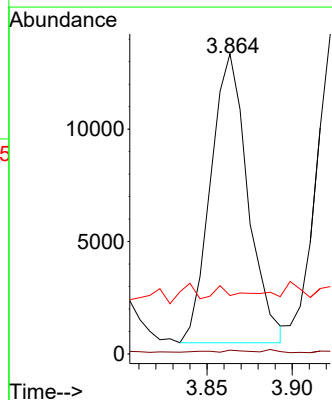
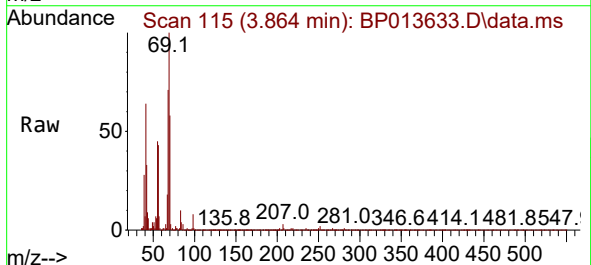
Instrument :
BNA_P
ClientSampleId :
PE-2

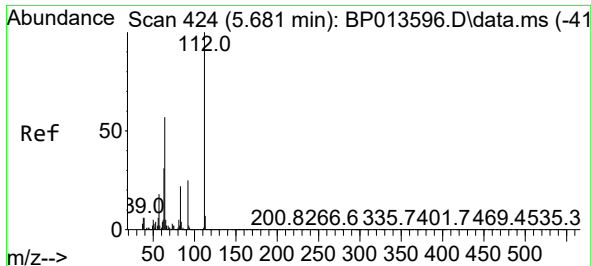
Tgt Ion:152 Resp: 203167
Ion Ratio Lower Upper
152 100
150 149.9 126.2 189.2
115 58.5 45.1 67.7



#4
n-Nitrosodimethylamine
Concen: 3.534 ng
RT: 3.864 min Scan# 115
Delta R.T. 0.017 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

Tgt Ion: 42 Resp: 19628
Ion Ratio Lower Upper
42 100
74 1.3 112.2 168.2#
44 19.5 5.6 8.4#

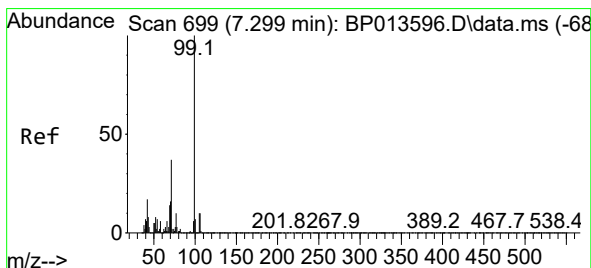
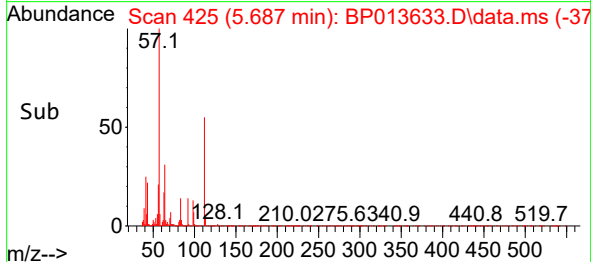
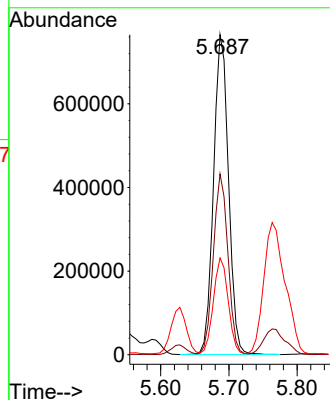
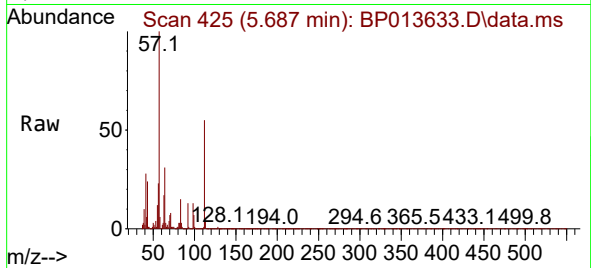




#5
2-Fluorophenol
Concen: 102.971 ng
RT: 5.687 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

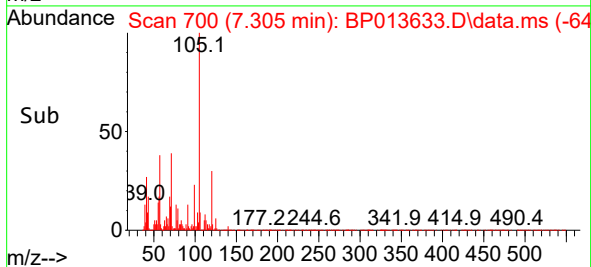
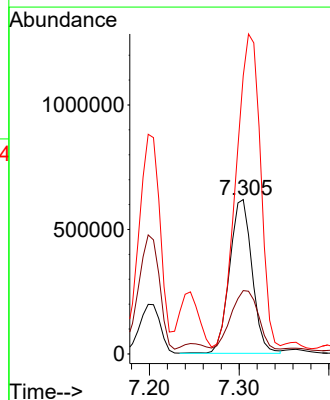
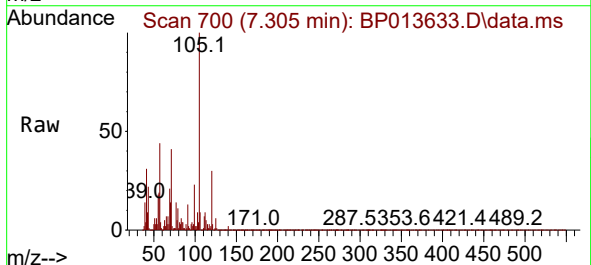
Instrument :
BNA_P
ClientSampleId :
PE-2

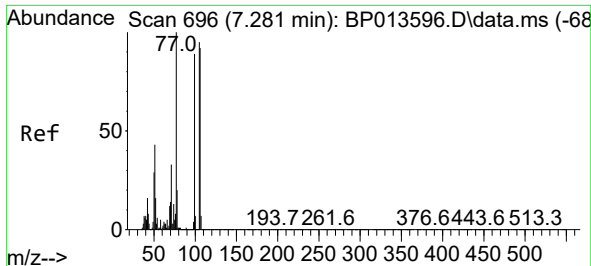
Tgt Ion:112 Resp: 1167453
Ion Ratio Lower Upper
112 100
64 56.5 45.5 68.3
63 30.2 25.1 37.7



#7
Phenol-d6
Concen: 70.059 ng
RT: 7.305 min Scan# 700
Delta R.T. 0.006 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

Tgt Ion: 99 Resp: 1073014
Ion Ratio Lower Upper
99 100
42 41.0 13.4 20.2#
71 180.2 29.9 44.9#

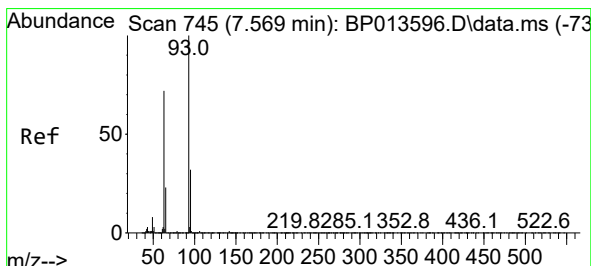
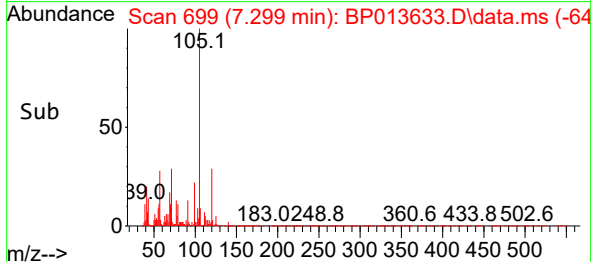
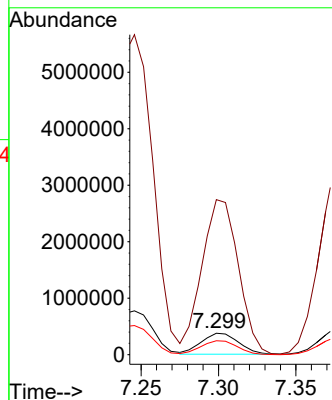
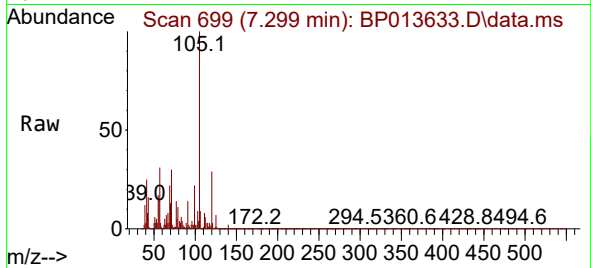




#9
Benzaldehyde
Concen: Below Cal
RT: 7.299 min Scan# 696
Delta R.T. 0.018 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

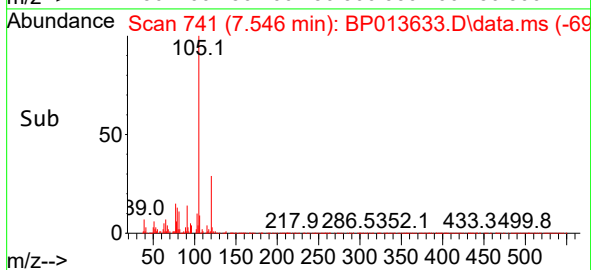
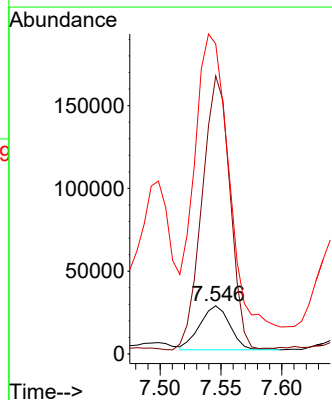
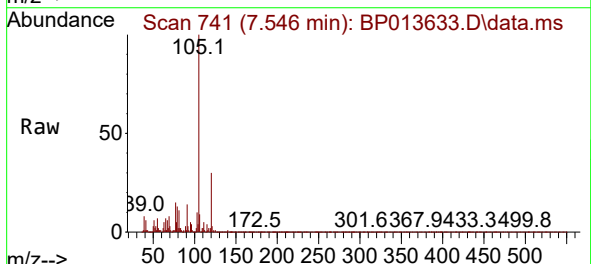
Instrument :
BNA_P
ClientSampleId :
PE-2

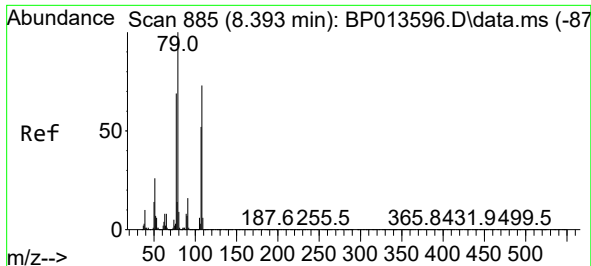
Tgt Ion: 77 Resp: 624228
Ion Ratio Lower Upper
77 100
105 725.2 74.8 114.8#
106 65.0 71.5 111.5#



#11
bis(2-Chloroethyl)ether
Concen: 3.456 ng
RT: 7.546 min Scan# 741
Delta R.T. -0.024 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

Tgt Ion: 93 Resp: 45912
Ion Ratio Lower Upper
93 100
63 576.8 52.1 92.1#
95 643.1 11.9 51.9#

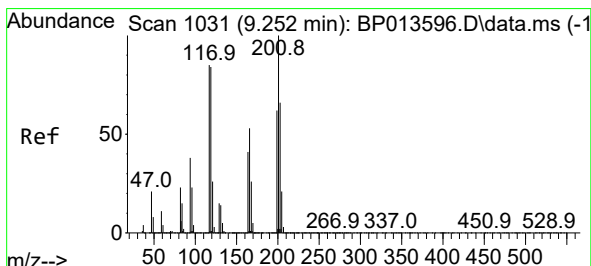
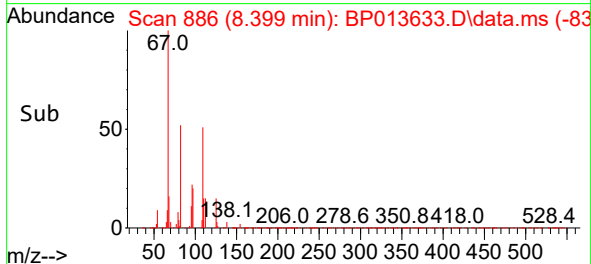
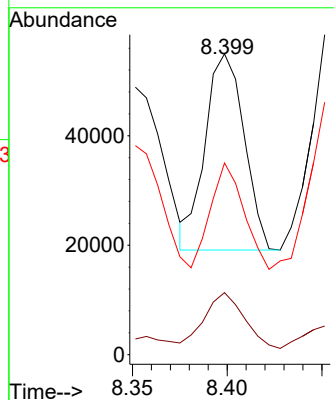
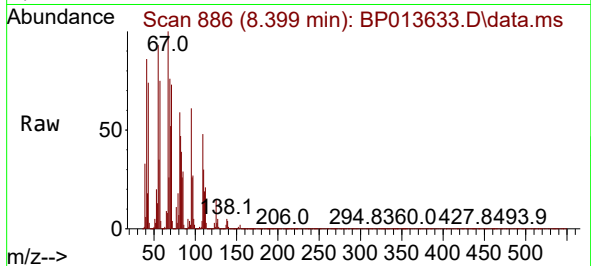




#15
Benzyl Alcohol
Concen: 4.318 ng
RT: 8.399 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

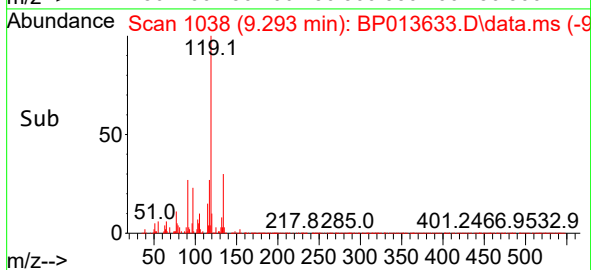
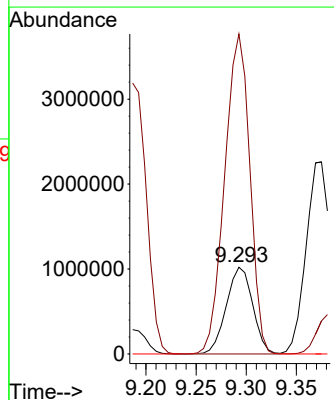
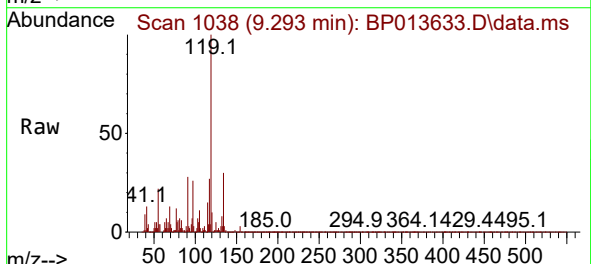
Instrument :
BNA_P
ClientSampleId :
PE-2

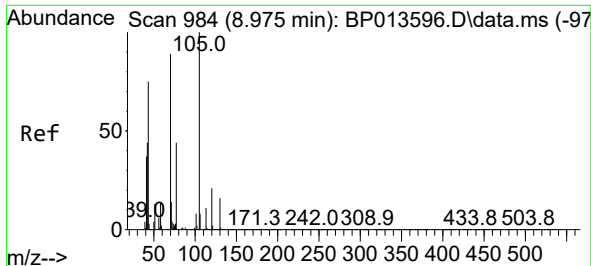
Tgt Ion: 79 Resp: 51352
Ion Ratio Lower Upper
79 100
108 20.7 58.4 87.6#
77 63.7 55.0 82.6



#18
Hexachloroethane
Concen: 369.568 ng
RT: 9.293 min Scan# 1038
Delta R.T. 0.041 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

Tgt Ion: 117 Resp: 1865219
Ion Ratio Lower Upper
117 100
119 368.7 78.6 118.0#
201 0.0 94.0 141.0#

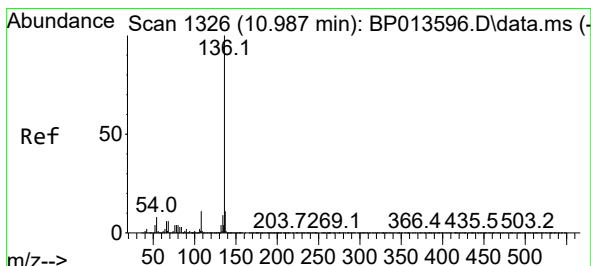
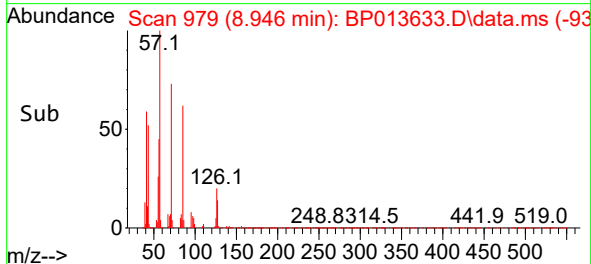
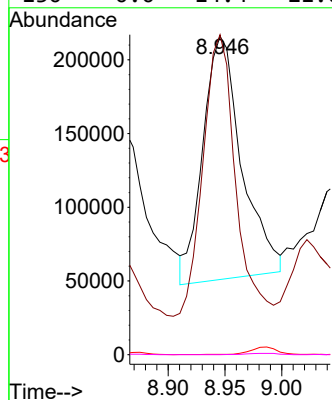
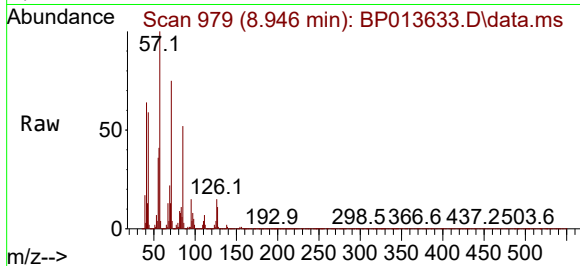




#19
n-Nitroso-di-n-propylamine
Concen: 39.425 ng
RT: 8.946 min Scan# 91
Delta R.T. -0.030 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

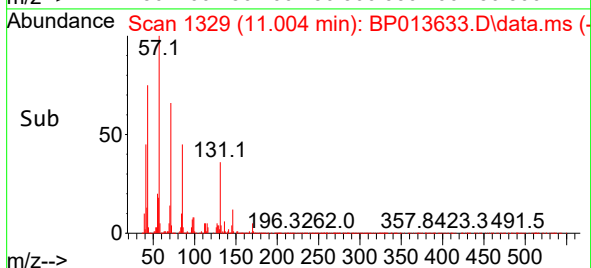
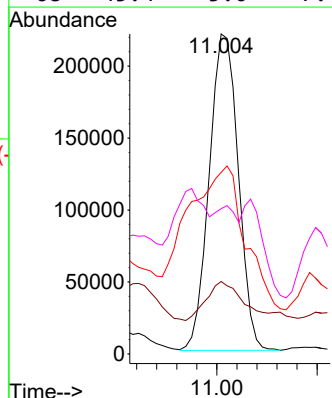
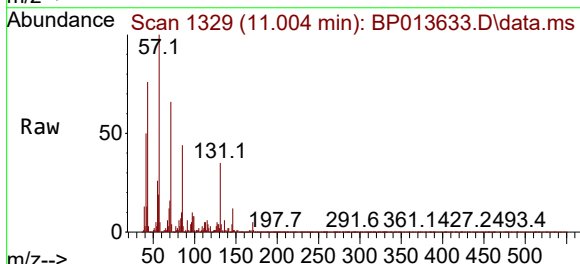
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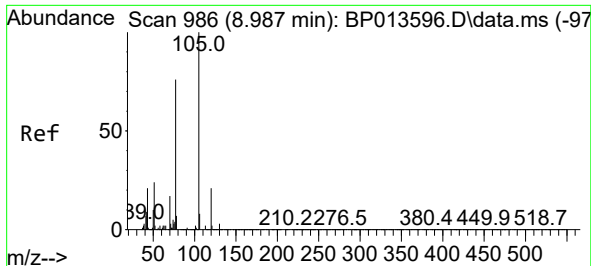
Tgt Ion: 70 Resp: 392410
Ion Ratio Lower Upper
70 100
42 100.5 40.1 60.1#
101 0.1 7.0 10.4#
130 0.0 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.004 min Scan# 1329
Delta R.T. 0.017 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

Tgt Ion:136 Resp: 443324
Ion Ratio Lower Upper
136 100
137 22.6 8.6 13.0#
54 56.8 6.1 9.1#
68 45.4 5.0 7.4#

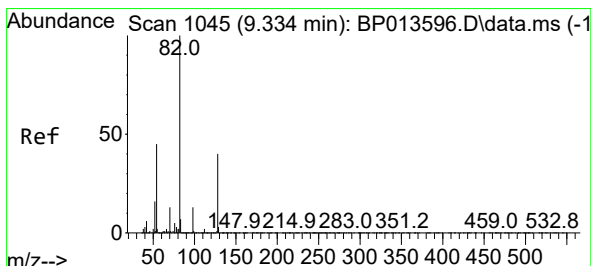
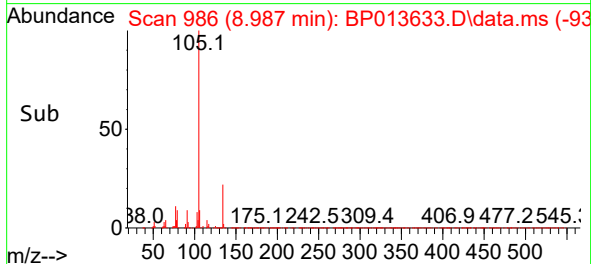
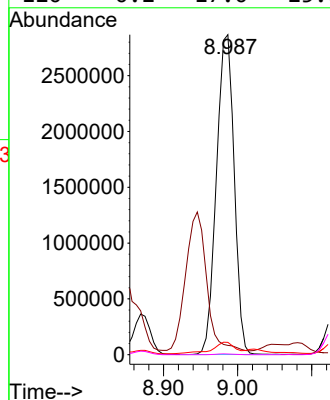
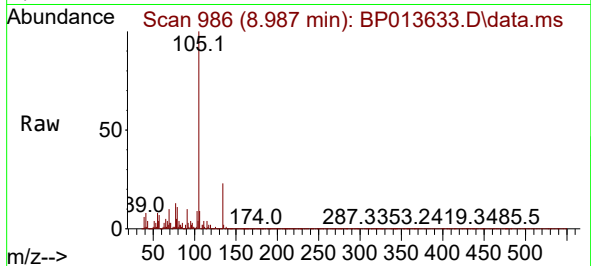




#22
Acetophenone
Concen: 425.413 ng
RT: 8.987 min Scan# 986
Delta R.T. -0.000 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

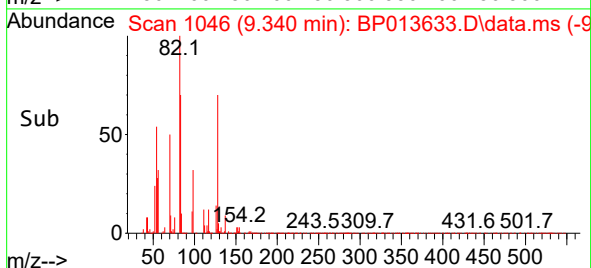
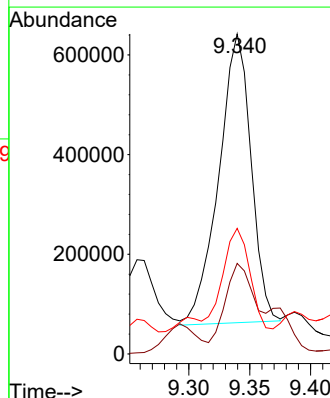
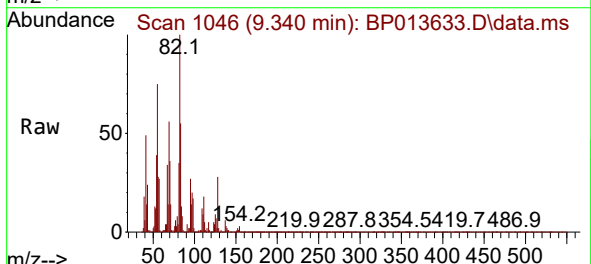
Instrument :
BNA_P
ClientSampleId :
PE-2

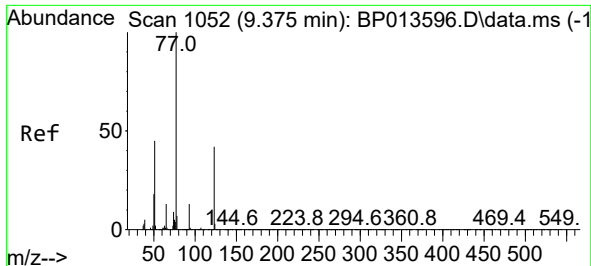
Tgt Ion:105 Resp: 4760415
Ion Ratio Lower Upper
105 100
71 2.9 2.5 3.7
51 3.8 20.6 31.0#
120 0.2 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 132.722 ng
RT: 9.340 min Scan# 1046
Delta R.T. 0.006 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

Tgt Ion: 82 Resp: 1070817
Ion Ratio Lower Upper
82 100
128 28.3 31.8 47.8#
54 39.2 36.2 54.2

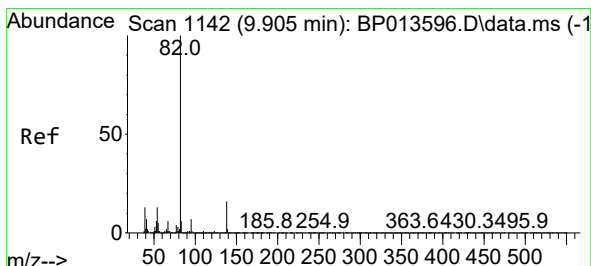
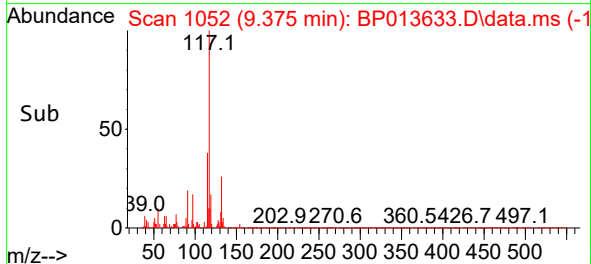
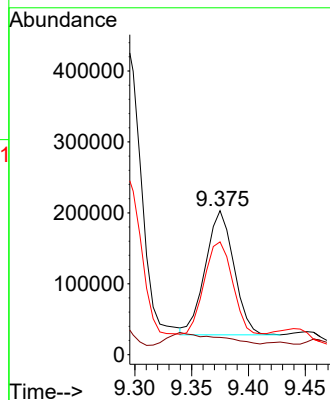
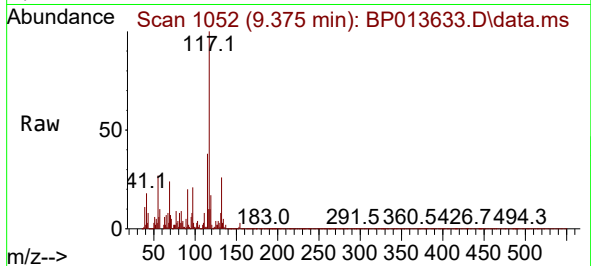




#24
Nitrobenzene
Concen: 36.382 ng
RT: 9.375 min Scan# 1052
Delta R.T. -0.000 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

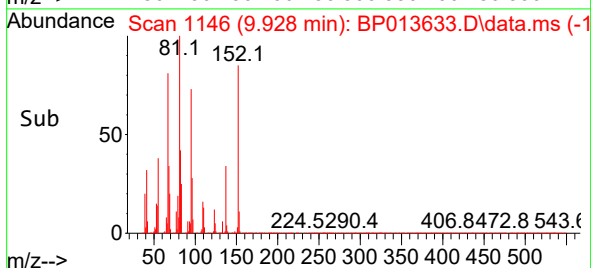
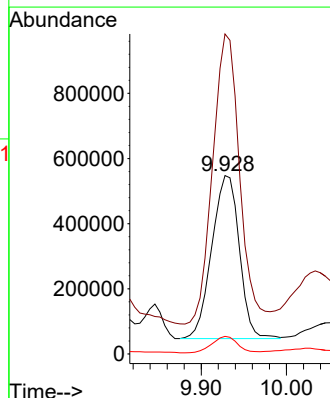
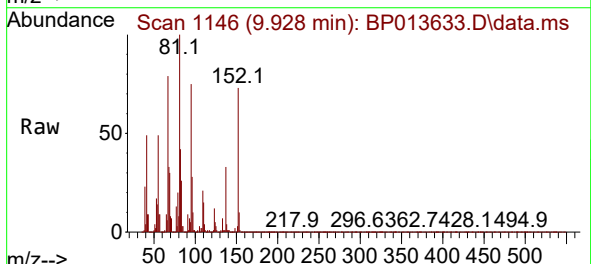
Instrument :
BNA_P
ClientSampleId :
PE-2

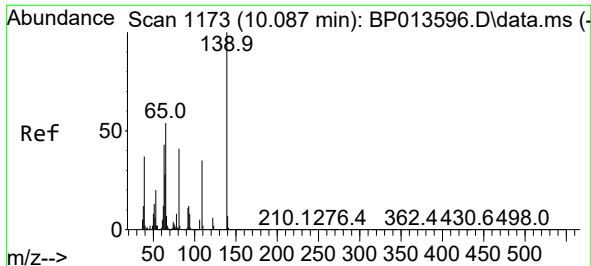
Tgt Ion: 77 Resp: 307207
Ion Ratio Lower Upper
77 100
123 12.0 33.9 50.9#
65 78.3 10.2 15.4#



#25
Isophorone
Concen: 63.595 ng
RT: 9.928 min Scan# 1146
Delta R.T. 0.023 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

Tgt Ion: 82 Resp: 1123926
Ion Ratio Lower Upper
82 100
95 179.4 5.9 8.9#
138 9.9 13.0 19.6#

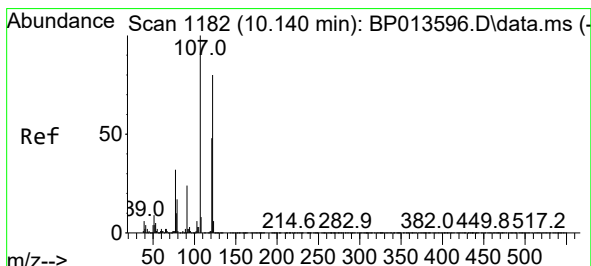
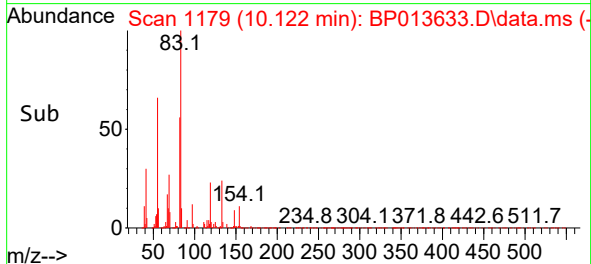
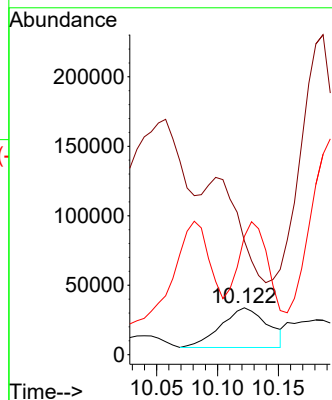
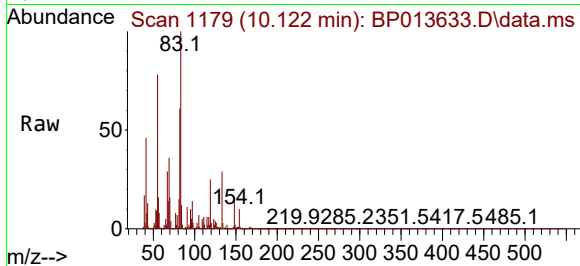




#26
2-Nitrophenol
Concen: 20.992 ng
RT: 10.122 min Scan# 1179
Delta R.T. 0.035 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

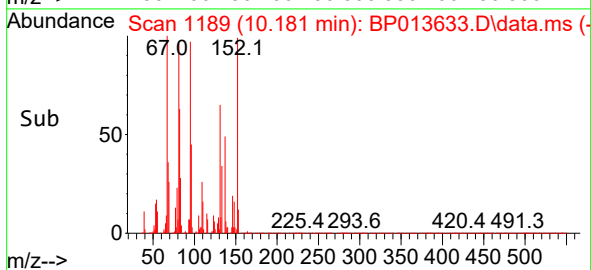
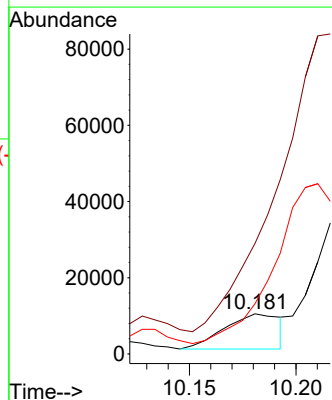
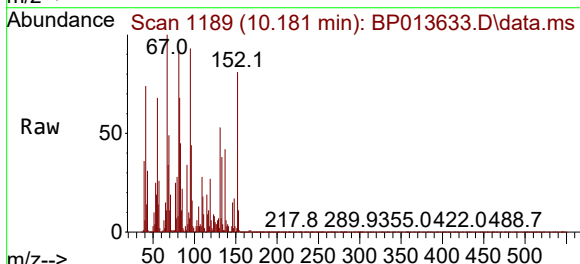
Instrument :
BNA_P
ClientSampleId :
PE-2

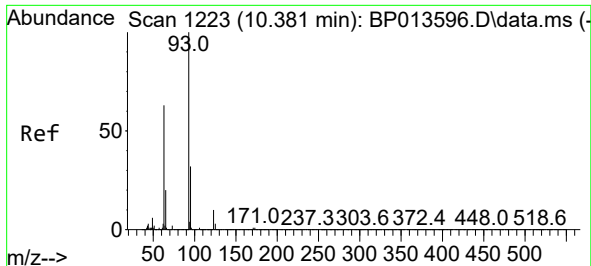
Tgt Ion:139 Resp: 76143
Ion Ratio Lower Upper
139 100
109 242.3 27.8 41.8#
65 251.7 43.1 64.7#



#27
2,4-Dimethylphenol
Concen: 2.516 ng
RT: 10.181 min Scan# 1189
Delta R.T. 0.041 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

Tgt Ion:122 Resp: 16896
Ion Ratio Lower Upper
122 100
107 275.8 99.2 148.8#
121 125.7 48.0 72.0#

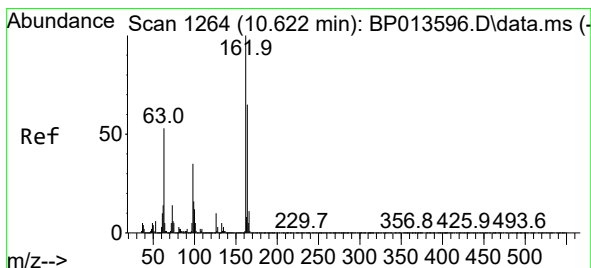
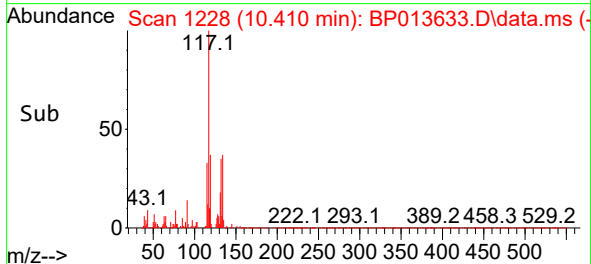
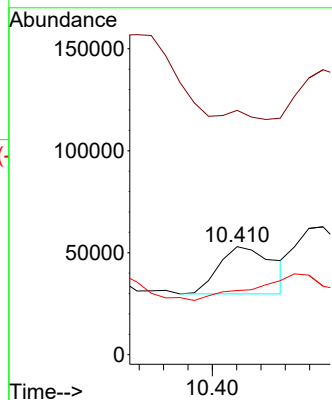
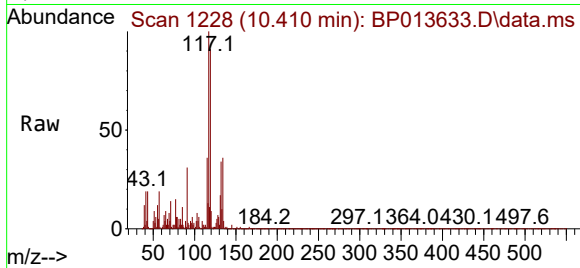




#28
bis(2-Chloroethoxy)methane
Concen: 3.568 ng
RT: 10.410 min Scan# 1228
Delta R.T. 0.029 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

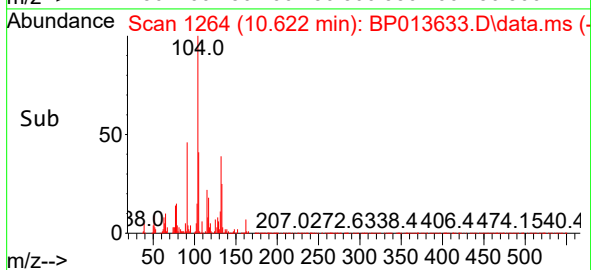
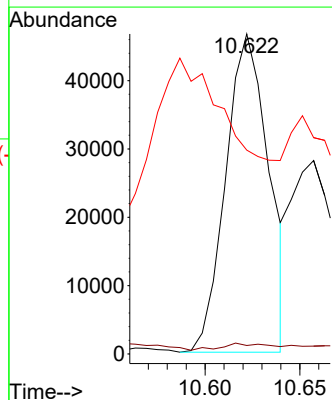
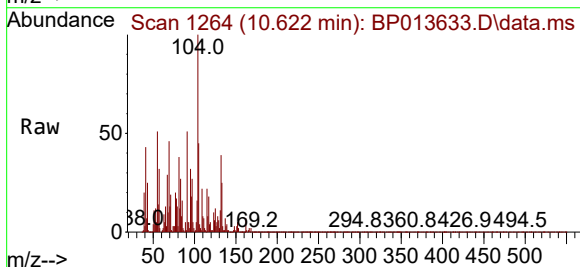
Instrument :
BNA_P
ClientSampleId :
PE-2

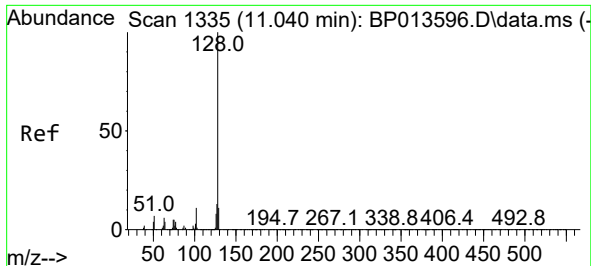
Tgt Ion: 93 Resp: 35879
Ion Ratio Lower Upper
93 100
95 226.2 25.5 38.3#
123 59.4 8.1 12.1#



#29
2,4-Dichlorophenol
Concen: 9.747 ng
RT: 10.622 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

Tgt Ion:162 Resp: 73651
Ion Ratio Lower Upper
162 100
164 2.6 45.3 85.3#
98 63.7 14.9 54.9#

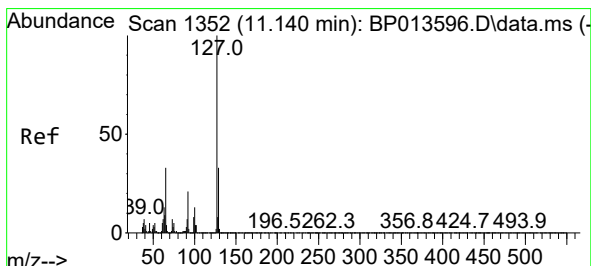
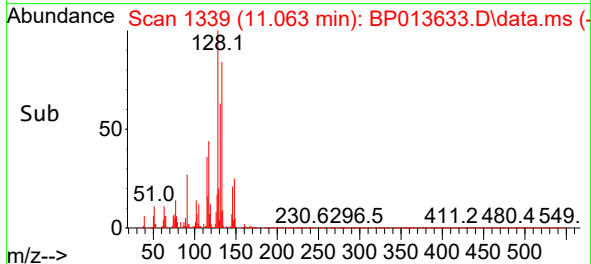
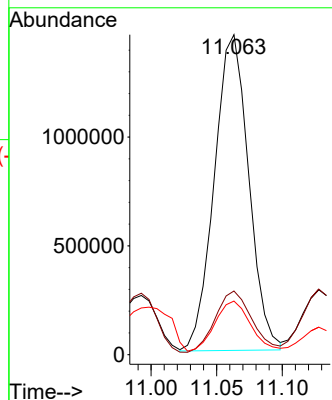
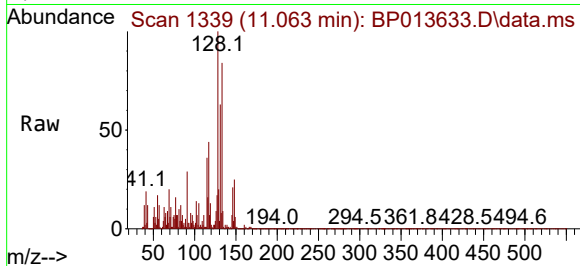




#31
Naphthalene
Concen: 117.723 ng
RT: 11.063 min Scan# 11
Delta R.T. 0.023 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

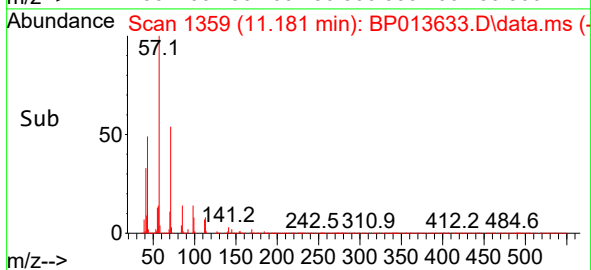
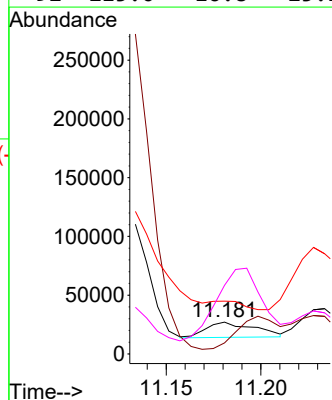
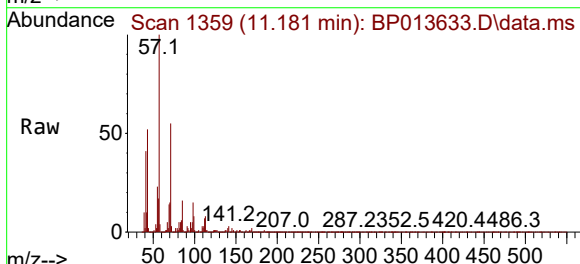
Instrument :
BNA_P
ClientSampleId :
PE-2

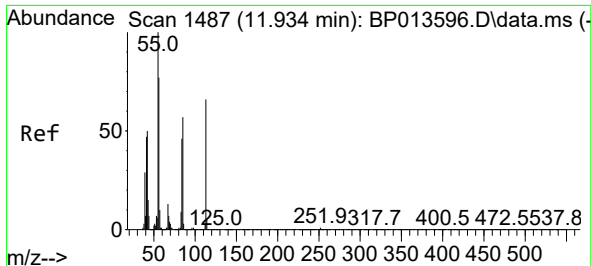
Tgt Ion:128 Resp: 2651984
Ion Ratio Lower Upper
128 100
129 19.9 8.9 13.3#
127 16.8 10.4 15.6#



#33
4-Chloroaniline
Concen: 2.352 ng
RT: 11.181 min Scan# 1359
Delta R.T. 0.041 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

Tgt Ion:127 Resp: 23006
Ion Ratio Lower Upper
127 100
129 34.6 26.2 39.4
65 165.5 26.3 39.5#
92 215.0 16.8 25.2#

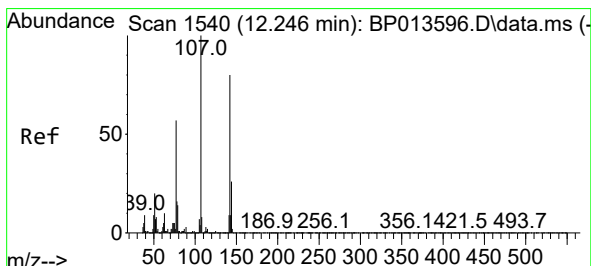
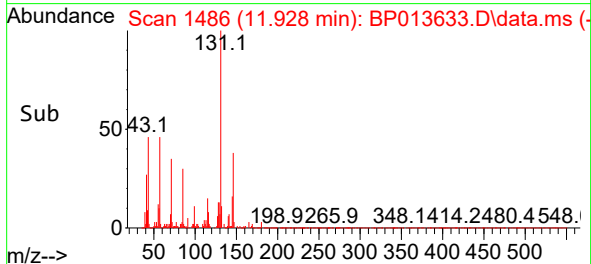
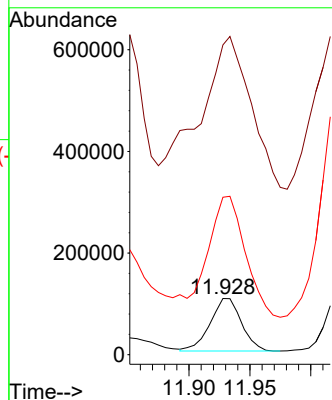
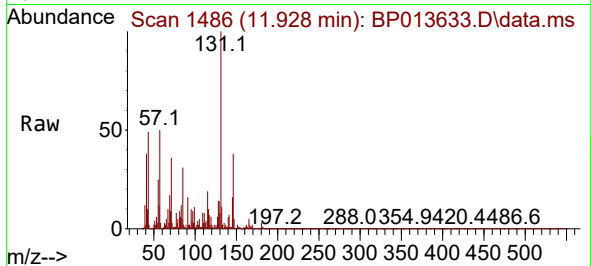




#35
Caprolactam
Concen: 85.471 ng
RT: 11.928 min Scan# 1486
Delta R.T. -0.006 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

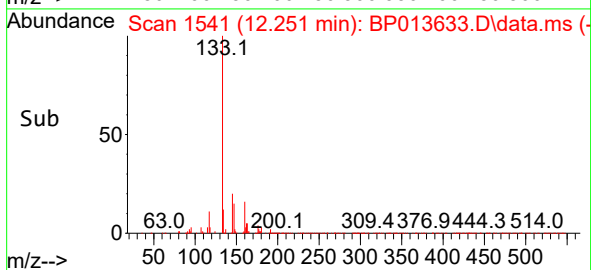
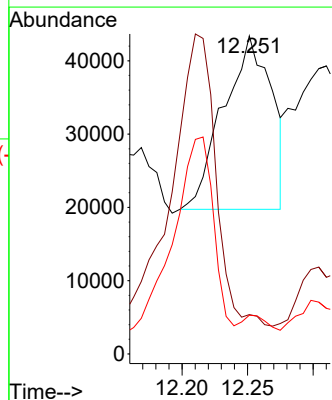
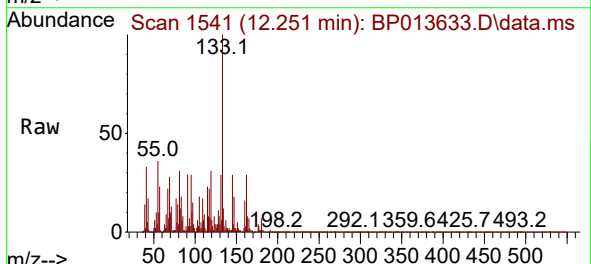
Instrument :
BNA_P
ClientSampleId :
PE-2

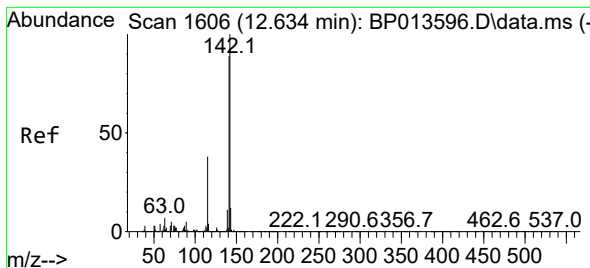
Tgt Ion:113 Resp: 185180
Ion Ratio Lower Upper
113 100
55 551.7 131.6 171.6#
56 280.3 97.2 137.2#



#36
4-Chloro-3-methylphenol
Concen: 7.531 ng
RT: 12.251 min Scan# 1541
Delta R.T. 0.006 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

Tgt Ion:107 Resp: 60330
Ion Ratio Lower Upper
107 100
144 12.4 20.9 31.3#
142 12.2 64.2 96.4#





#37

2-Methylnaphthalene

Concen: 311.814 ng

RT: 12.669 min Scan# 1612

Delta R.T. 0.035 min

Lab File: BP013633.D

Acq: 27 Jan 2023 23:58

Instrument :

BNA_P

ClientSampleId :

PE-2

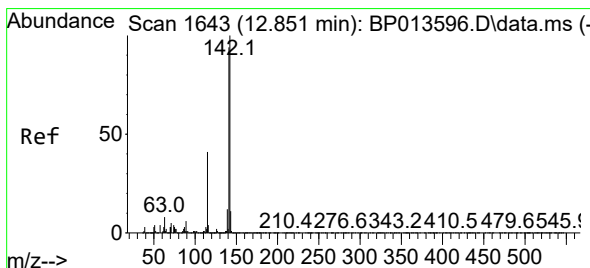
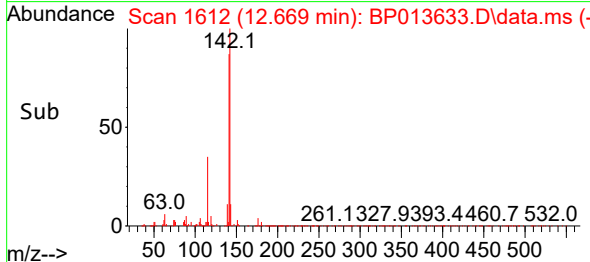
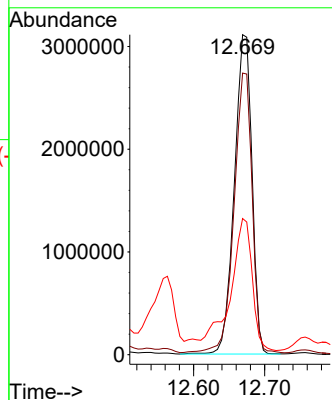
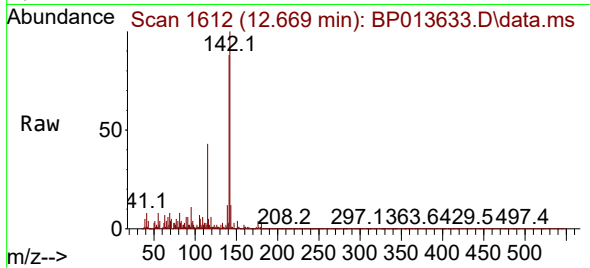
Tgt Ion:142 Resp: 5368383

Ion Ratio Lower Upper

142 100

141 88.0 70.8 106.2

115 42.6 30.6 46.0



#38

1-Methylnaphthalene

Concen: 192.488 ng

RT: 12.881 min Scan# 1648

Delta R.T. 0.030 min

Lab File: BP013633.D

Acq: 27 Jan 2023 23:58

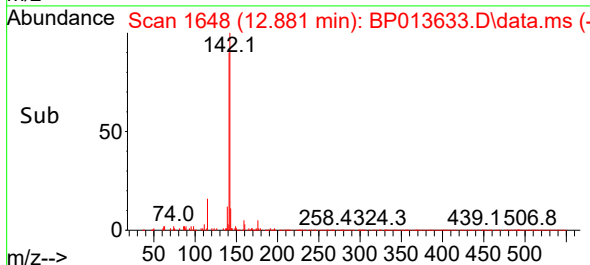
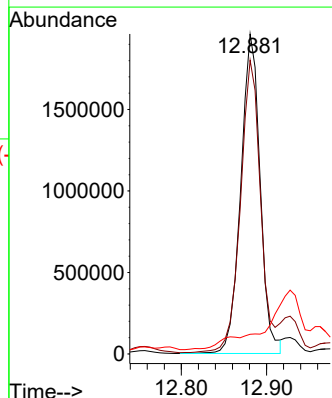
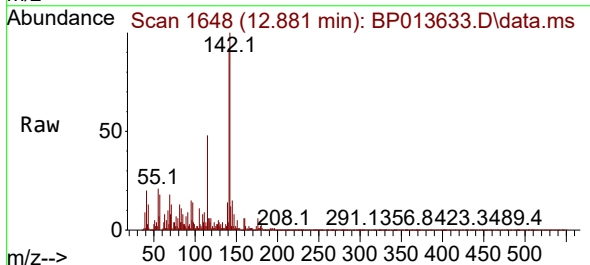
Tgt Ion:142 Resp: 3101737

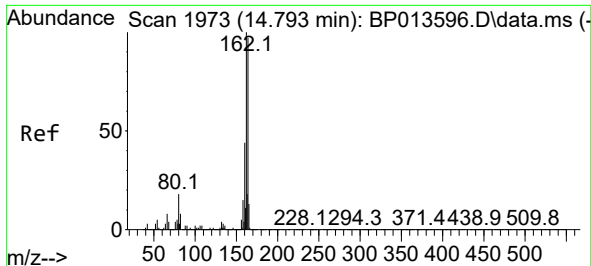
Ion Ratio Lower Upper

142 100

141 91.8 75.5 113.3

116 6.1 3.3 4.9#

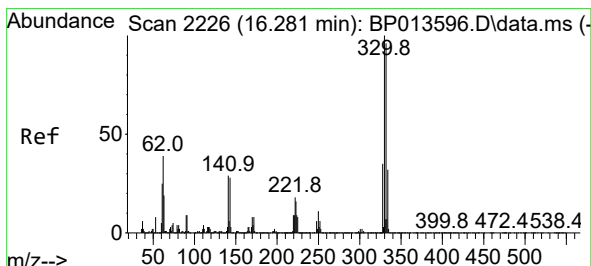
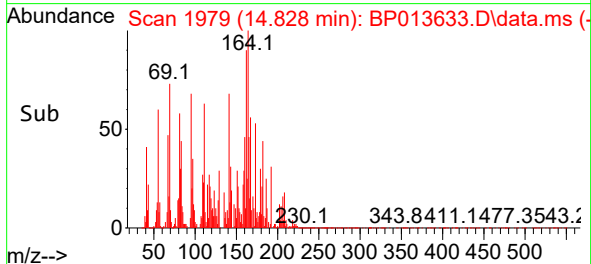
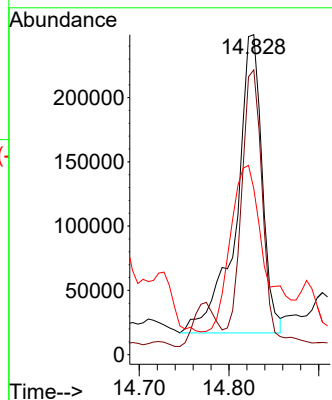
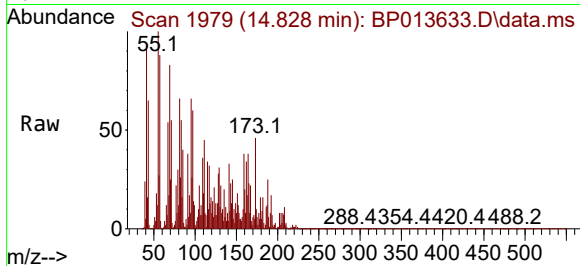




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.828 min Scan# 1979
Delta R.T. 0.035 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

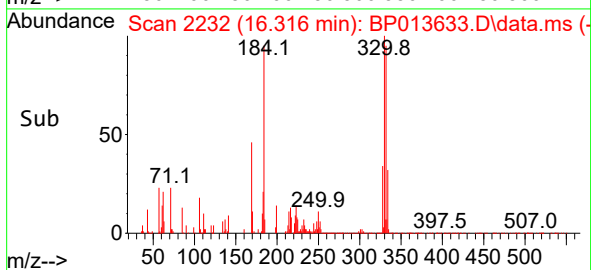
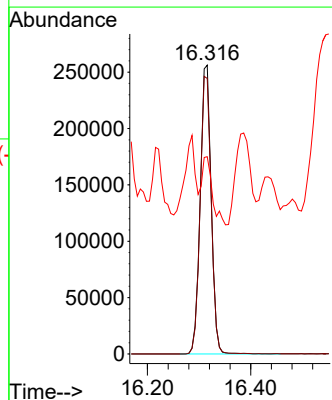
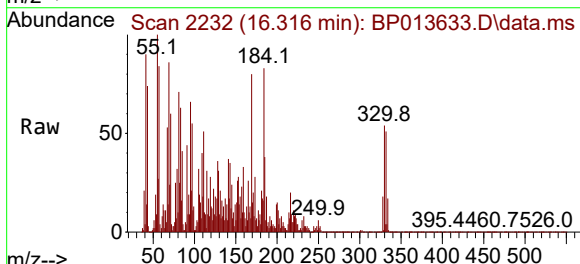
Instrument :
BNA_P
ClientSampleId :
PE-2

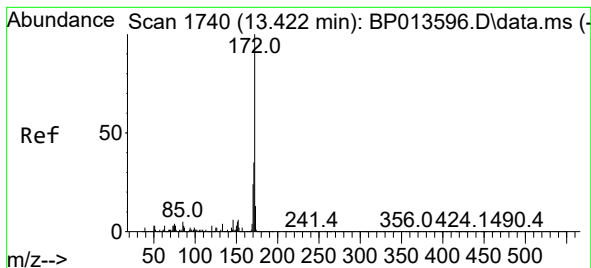
Tgt Ion:164 Resp: 467627
Ion Ratio Lower Upper
164 100
162 89.0 82.3 123.5
160 51.9 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 53.002 ng
RT: 16.316 min Scan# 2232
Delta R.T. 0.035 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

Tgt Ion:330 Resp: 377349
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 22.7 23.3 34.9#





#45

2-Fluorobiphenyl

Concen: 50.582 ng

RT: 13.445 min Scan# 1744

Delta R.T. 0.023 min

Lab File: BP013633.D

Acq: 27 Jan 2023 23:58

Instrument :

BNA_P

ClientSampleId :

PE-2

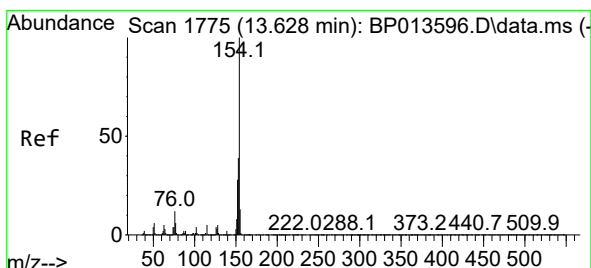
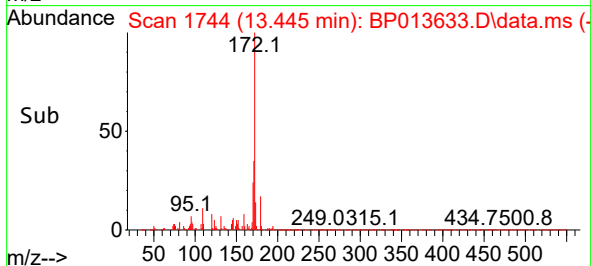
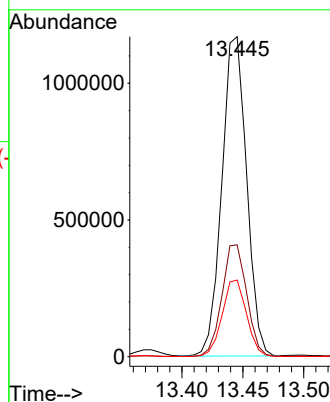
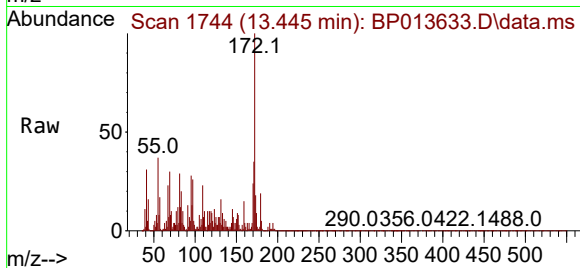
Tgt Ion:172 Resp: 1656162

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 24.0 19.1 28.7



#46

1,1'-Biphenyl

Concen: 37.182 ng

RT: 13.657 min Scan# 1780

Delta R.T. 0.029 min

Lab File: BP013633.D

Acq: 27 Jan 2023 23:58

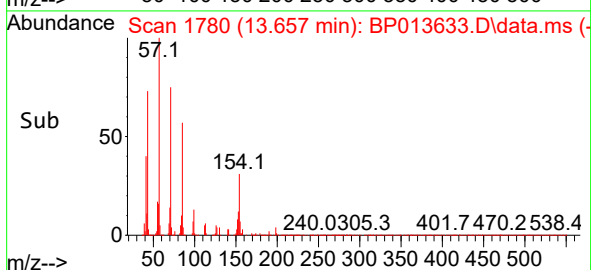
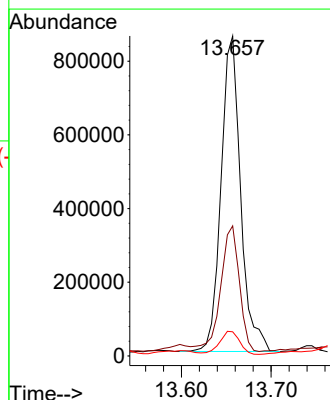
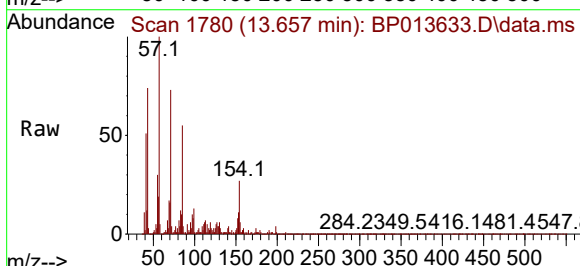
Tgt Ion:154 Resp: 1295651

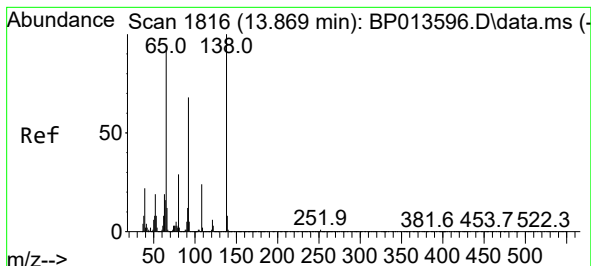
Ion Ratio Lower Upper

154 100

153 40.6 18.9 58.9

76 7.6 0.0 32.1





#48

2-Nitroaniline

Concen: 9.529 ng

RT: 13.922 min Scan# 1816

Delta R.T. 0.053 min

Lab File: BP013633.D

Acq: 27 Jan 2023 23:58

Instrument :

BNA_P

ClientSampleId :

PE-2

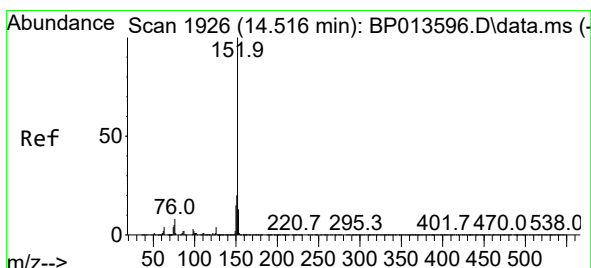
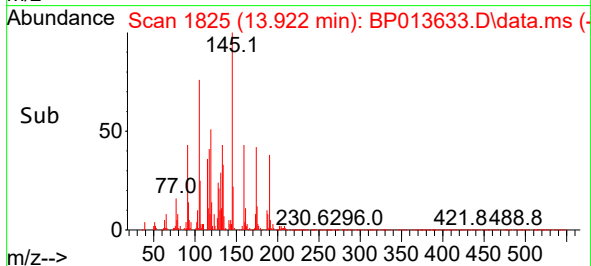
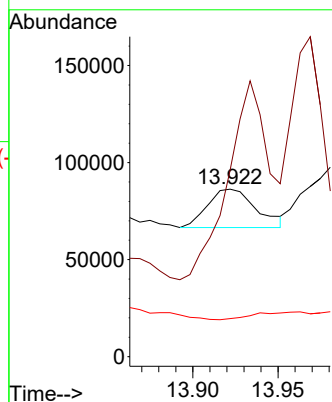
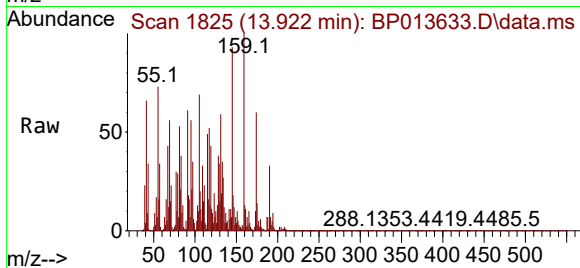
Tgt Ion: 65 Resp: 38968

Ion Ratio Lower Upper

65 100

92 111.4 59.5 89.3#

138 22.7 87.1 130.7#



#49

Acenaphthylene

Concen: 3.419 ng

RT: 14.551 min Scan# 1932

Delta R.T. 0.035 min

Lab File: BP013633.D

Acq: 27 Jan 2023 23:58

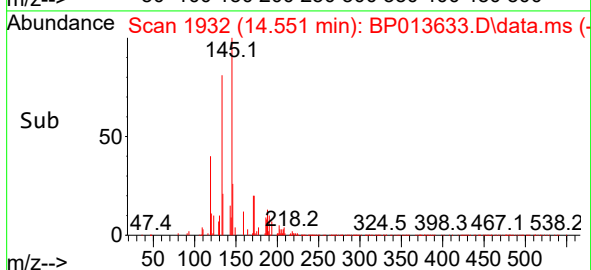
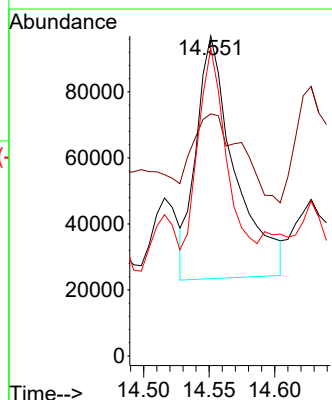
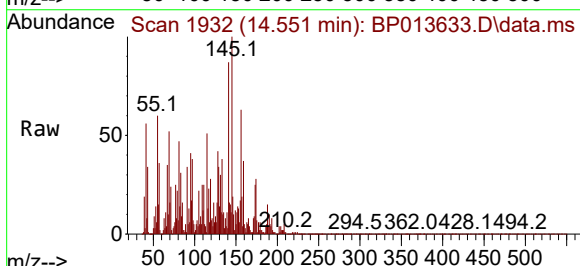
Tgt Ion: 152 Resp: 149986

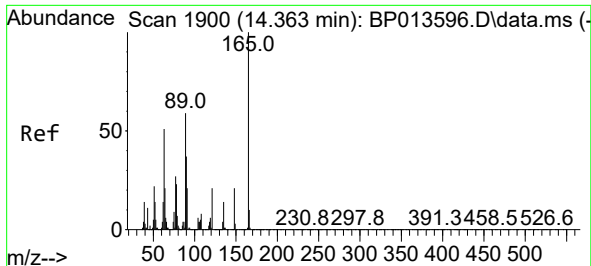
Ion Ratio Lower Upper

152 100

151 75.6 16.0 24.0#

153 96.1 10.6 16.0#

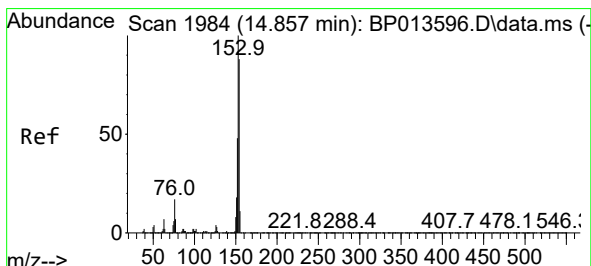
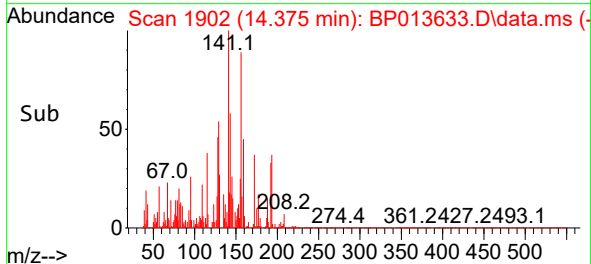
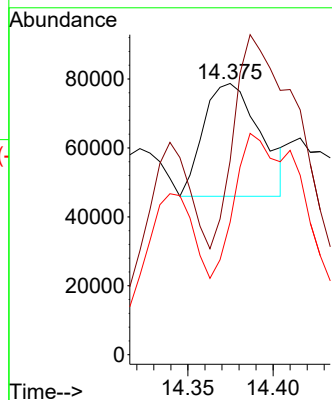
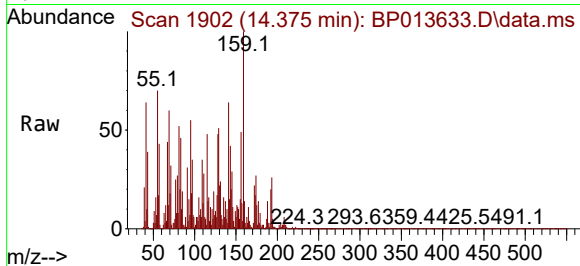




#51
2,6-Dinitrotoluene
Concen: 11.408 ng
RT: 14.375 min Scan# 1900
Delta R.T. 0.012 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

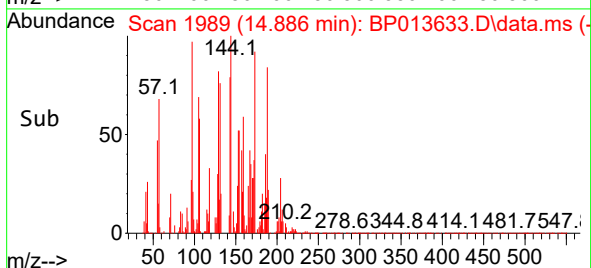
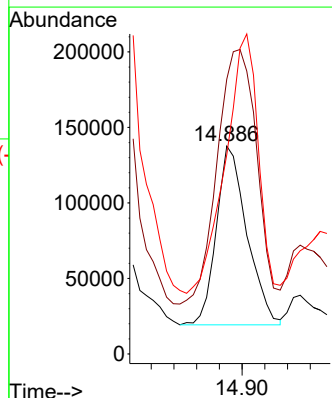
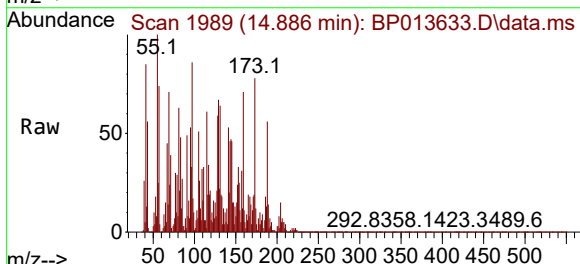
Instrument :
BNA_P
ClientSampleId :
PE-2

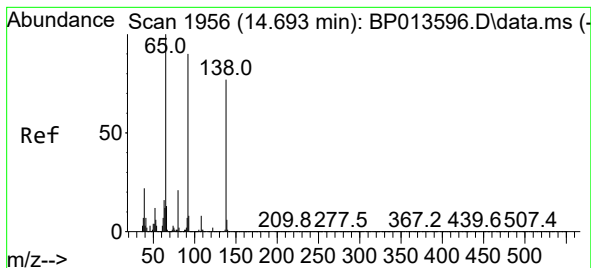
Tgt Ion:165 Resp: 75689
Ion Ratio Lower Upper
165 100
63 71.4 42.4 63.6#
89 48.9 47.0 70.4



#52
Acenaphthene
Concen: 7.902 ng
RT: 14.886 min Scan# 1989
Delta R.T. 0.029 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

Tgt Ion:154 Resp: 221826
Ion Ratio Lower Upper
154 100
153 132.1 91.0 136.6
152 95.8 44.0 66.0#

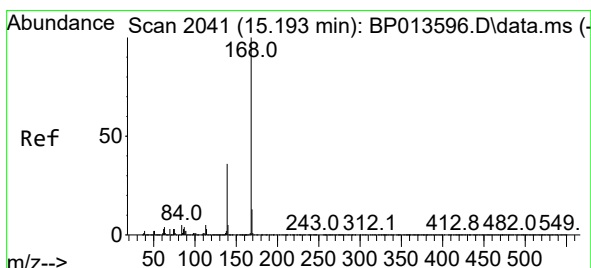
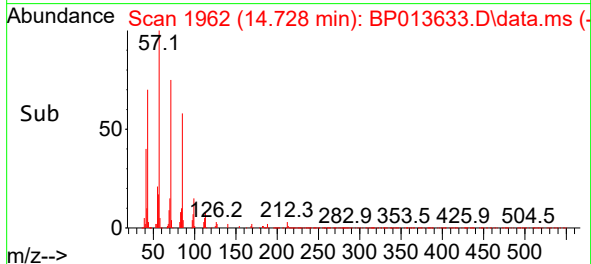
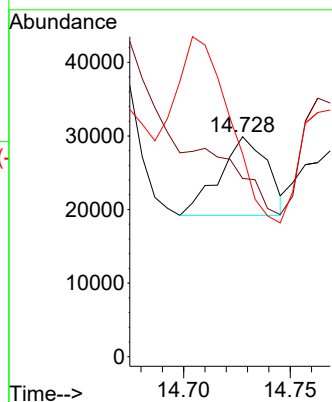
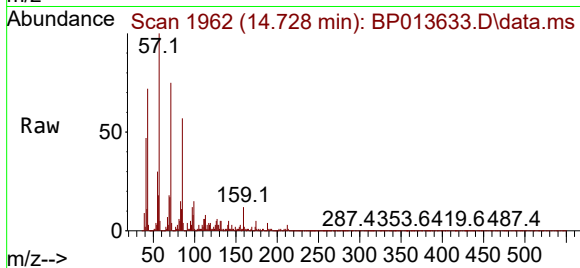




#53
3-Nitroaniline
Concen: 2.492 ng
RT: 14.728 min Scan# 1956
Delta R.T. 0.035 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

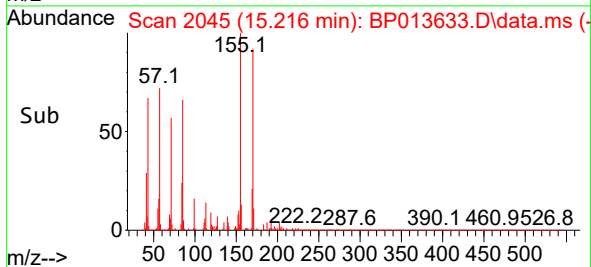
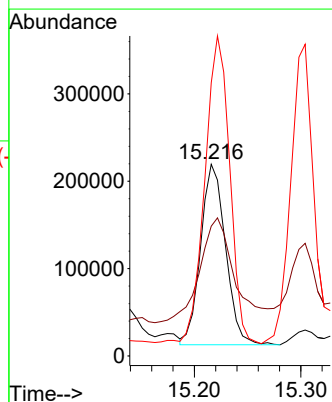
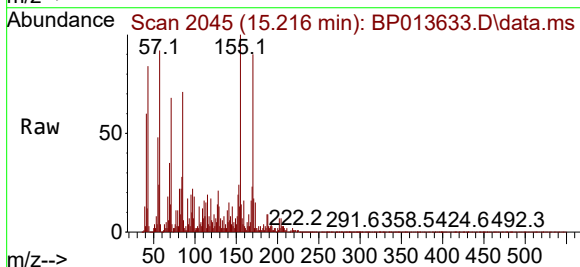
Instrument :
BNA_P
ClientSampleId :
PE-2

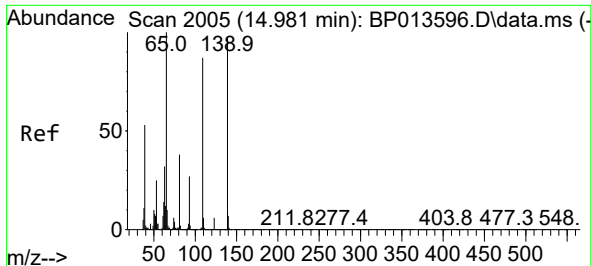
Tgt Ion:138 Resp: 16797
Ion Ratio Lower Upper
138 100
108 81.0 8.0 12.0#
92 92.3 93.7 140.5#



#55
Dibenzofuran
Concen: 7.628 ng
RT: 15.216 min Scan# 2045
Delta R.T. 0.023 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

Tgt Ion:168 Resp: 335386
Ion Ratio Lower Upper
168 100
139 67.7 29.0 43.4#
169 142.4 10.6 15.8#

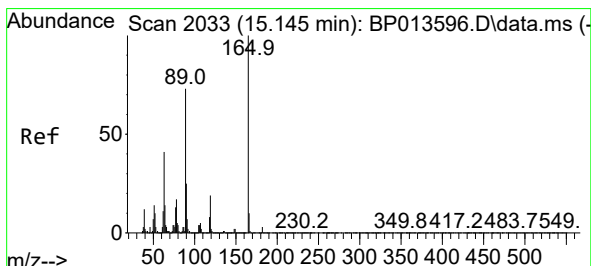
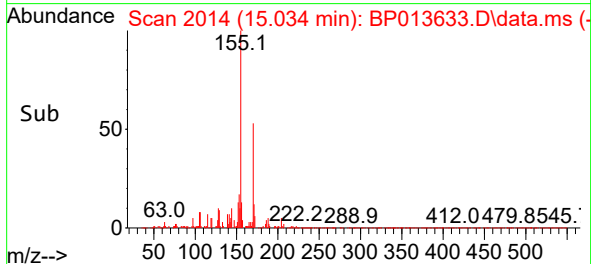
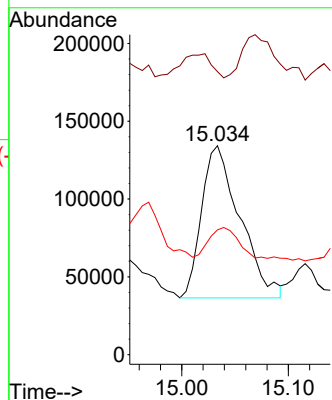
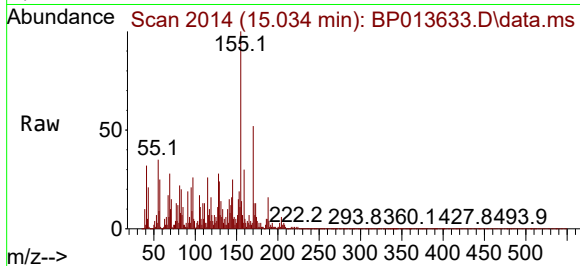




#56
4-Nitrophenol
Concen: 41.393 ng
RT: 15.034 min Scan# 2014
Delta R.T. 0.053 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

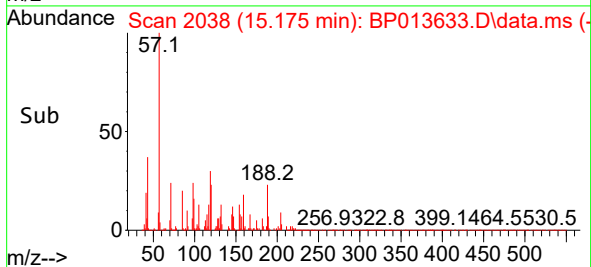
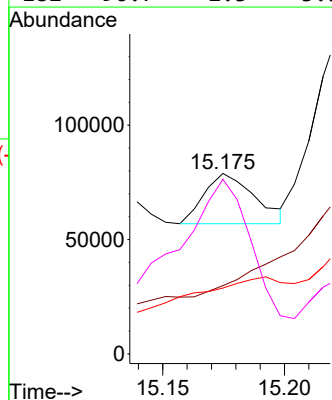
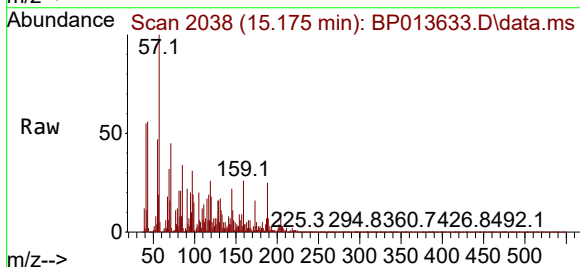
Instrument :
BNA_P
ClientSampleId :
PE-2

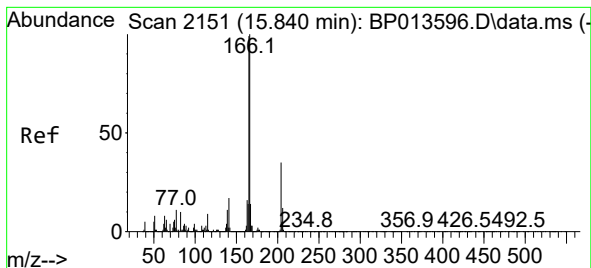
Tgt Ion:139 Resp: 245080
Ion Ratio Lower Upper
139 100
109 135.5 69.5 109.5#
65 59.7 83.1 123.1#



#57
2,4-Dinitrotoluene
Concen: 4.698 ng
RT: 15.175 min Scan# 2038
Delta R.T. 0.030 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

Tgt Ion:165 Resp: 31560
Ion Ratio Lower Upper
165 100
63 37.9 32.6 49.0
89 36.5 58.4 87.6#
182 96.7 2.3 3.5#





#58

Fluorene

Concen: 23.066 ng

RT: 15.875 min Scan# 2151

Delta R.T. 0.035 min

Lab File: BP013633.D

Acq: 27 Jan 2023 23:58

Instrument :

BNA_P

ClientSampleId :

PE-2

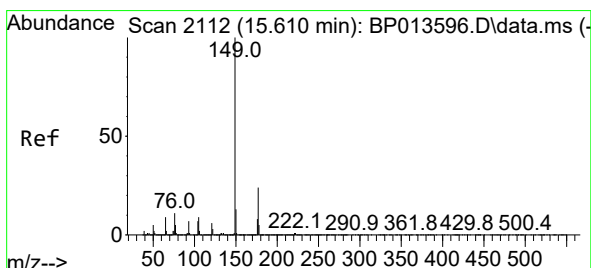
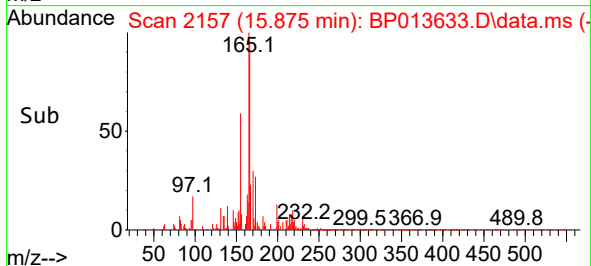
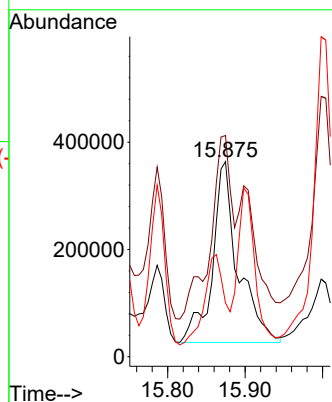
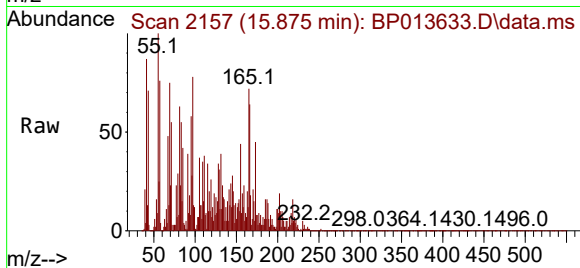
Tgt Ion:166 Resp: 775533

Ion Ratio Lower Upper

166 100

165 113.4 79.4 119.0

167 27.5 10.9 16.3#



#60

Diethylphthalate

Concen: 5.591 ng

RT: 15.622 min Scan# 2114

Delta R.T. 0.012 min

Lab File: BP013633.D

Acq: 27 Jan 2023 23:58

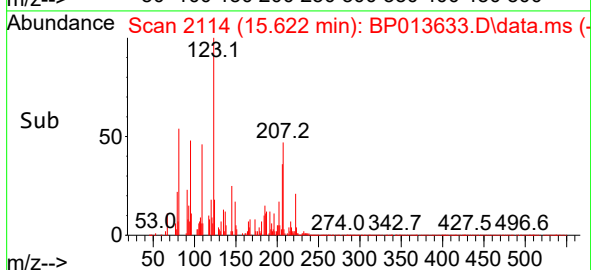
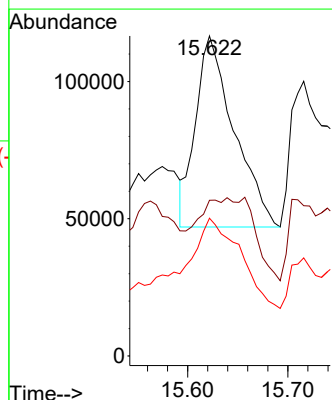
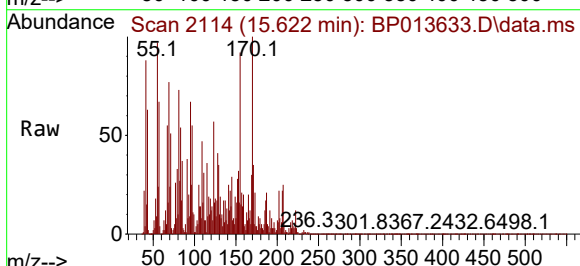
Tgt Ion:149 Resp: 185455

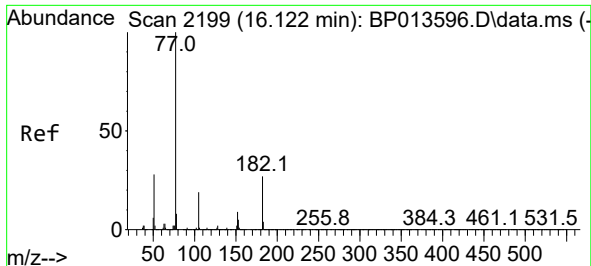
Ion Ratio Lower Upper

149 100

177 48.6 19.0 28.6#

150 43.0 10.0 15.0#

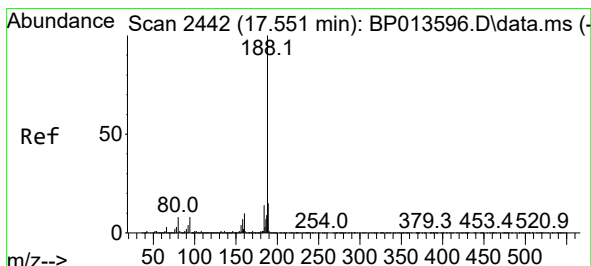
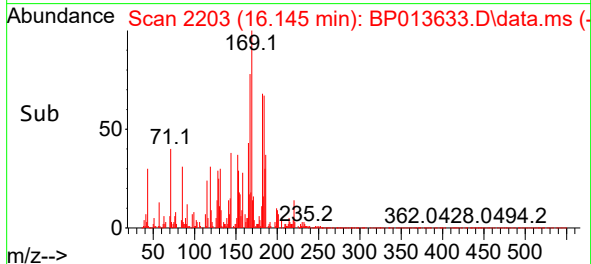
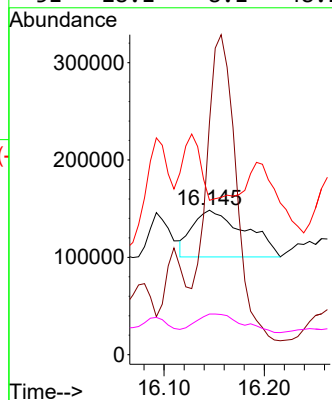
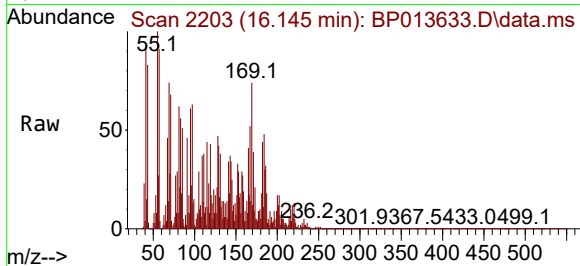




#63
Azobenzene
Concen: 5.171 ng
RT: 16.145 min Scan# 2199
Delta R.T. 0.023 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

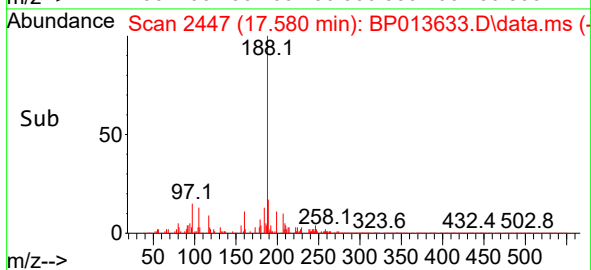
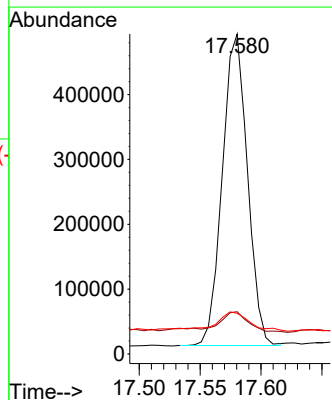
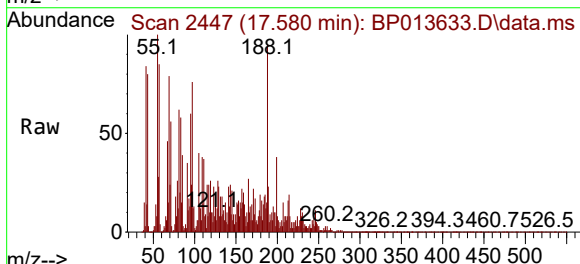
Instrument :
BNA_P
ClientSampleId :
PE-2

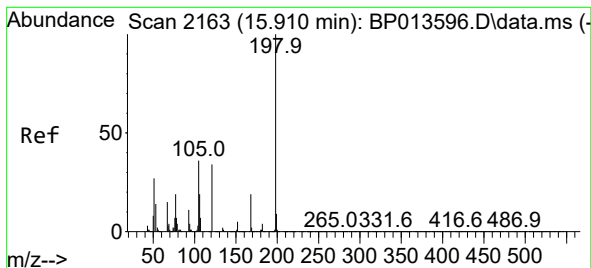
Tgt Ion: 77 Resp: 174760
Ion Ratio Lower Upper
77 100
182 160.8 7.0 47.0#
105 106.8 0.0 39.2#
51 28.1 8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.580 min Scan# 2447
Delta R.T. 0.029 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

Tgt Ion: 188 Resp: 689027
Ion Ratio Lower Upper
188 100
94 13.2 6.1 9.1#
80 12.7 6.6 10.0#

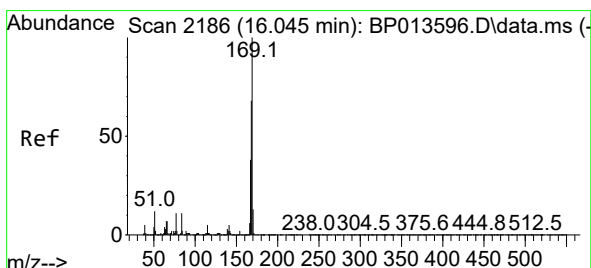
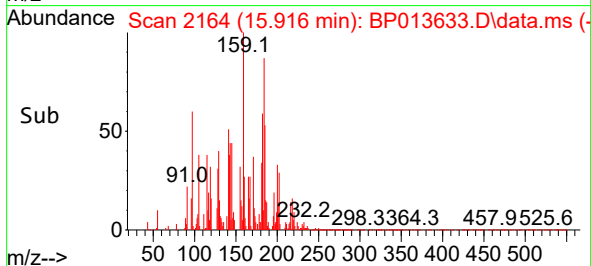
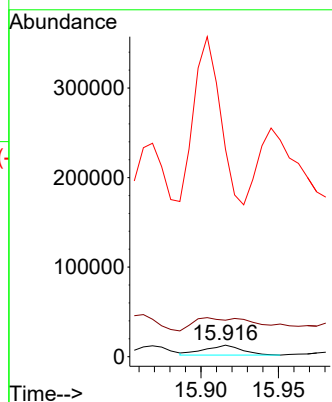
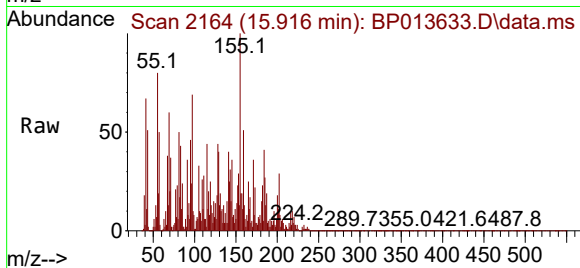




#65
4,6-Dinitro-2-methylphenol
Concen: 4.864 ng
RT: 15.916 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

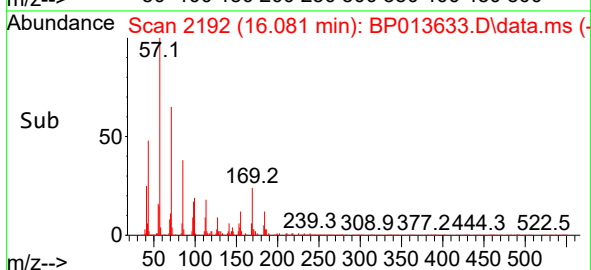
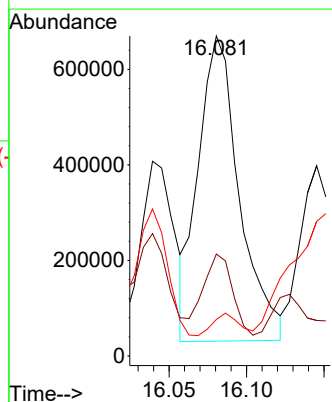
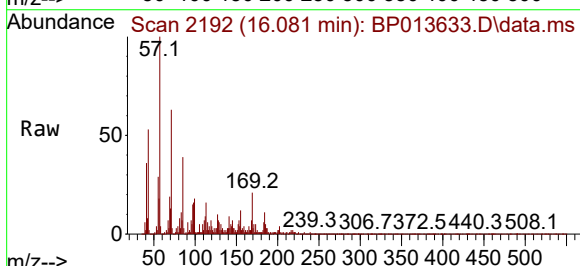
Instrument :
BNA_P
ClientSampleId :
PE-2

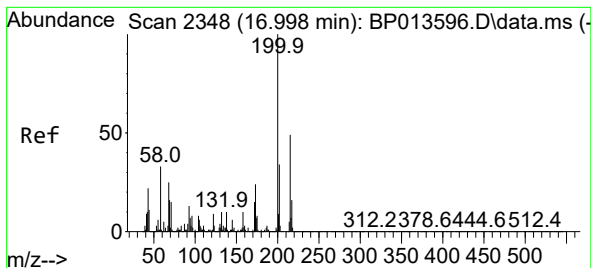
Tgt Ion:198 Resp: 18020
Ion Ratio Lower Upper
198 100
51 316.5 15.0 55.0#
105 1803.3 17.7 57.7#



#66
n-Nitrosodiphenylamine
Concen: 62.010 ng
RT: 16.081 min Scan# 2192
Delta R.T. 0.035 min
Lab File: BP013633.D
Acq: 27 Jan 2023 23:58

Tgt Ion:169 Resp: 1177190
Ion Ratio Lower Upper
169 100
168 31.9 54.5 81.7#
167 11.4 30.2 45.4#





#69

Atrazine

Concen: 59.590 ng

RT: 17.075 min Scan# 21

Delta R.T. 0.076 min

Lab File: BP013633.D

Acq: 27 Jan 2023 23:58

Instrument :

BNA_P

ClientSampleId :

PE-2

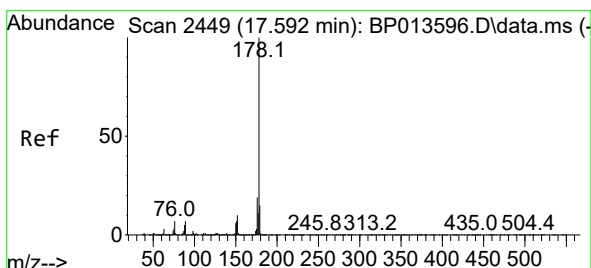
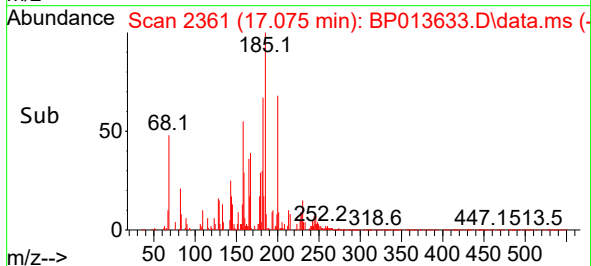
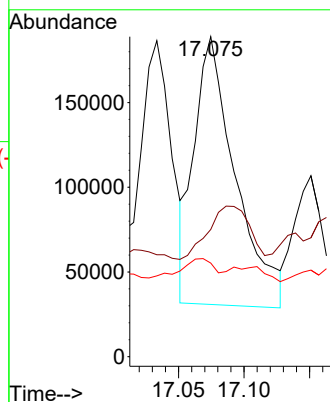
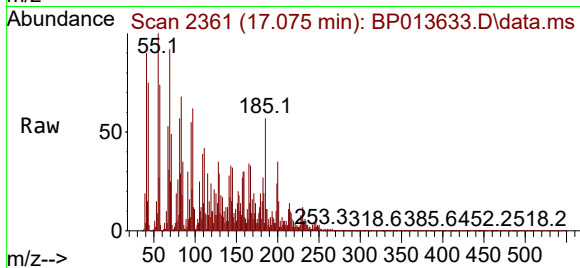
Tgt Ion:200 Resp: 345810

Ion Ratio Lower Upper

200 100

173 39.7 3.5 43.5

215 29.2 29.2 69.2



#71

Phenanthrene

Concen: 26.652 ng

RT: 17.622 min Scan# 2454

Delta R.T. 0.029 min

Lab File: BP013633.D

Acq: 27 Jan 2023 23:58

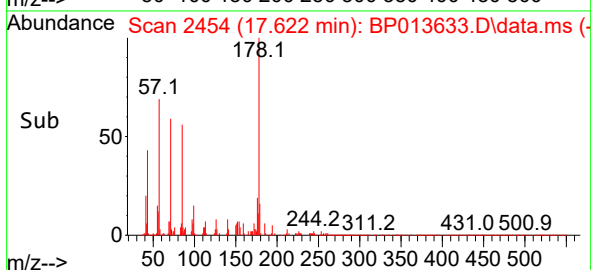
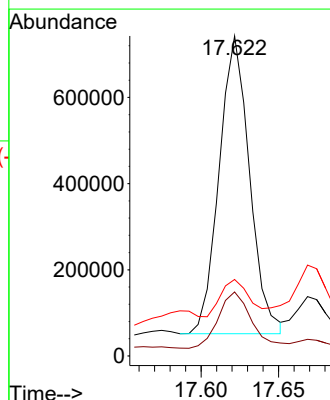
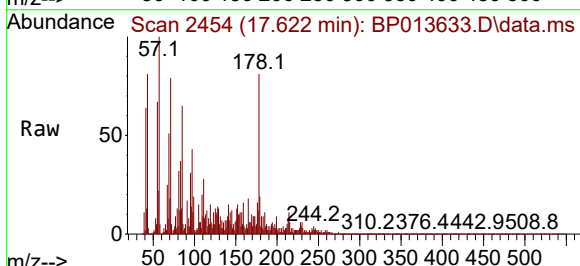
Tgt Ion:178 Resp: 941830

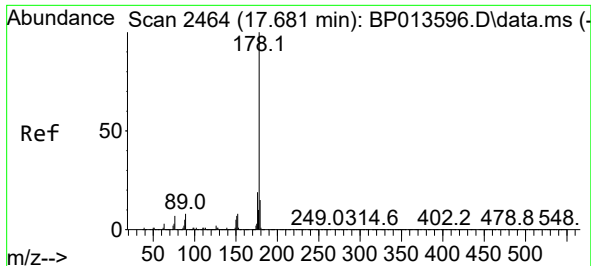
Ion Ratio Lower Upper

178 100

176 20.0 15.3 22.9

179 23.9 12.2 18.4#

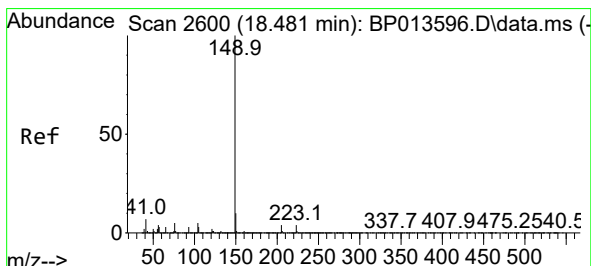
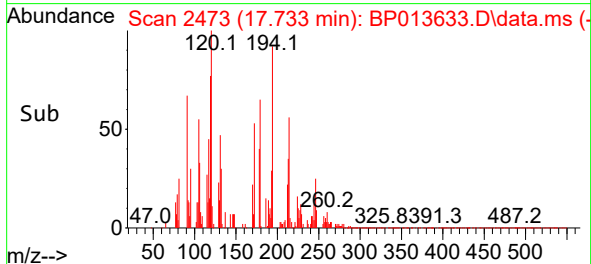
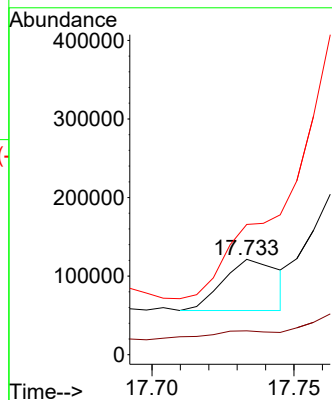
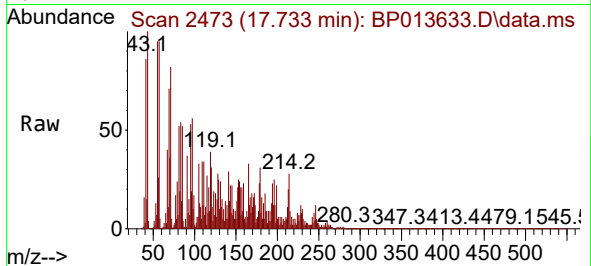




#72
 Anthracene
 Concen: 2.486 ng
 RT: 17.733 min Scan# 2464
 Delta R.T. 0.053 min
 Lab File: BP013633.D
 Acq: 27 Jan 2023 23:58

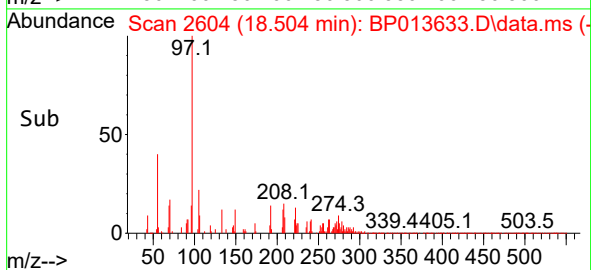
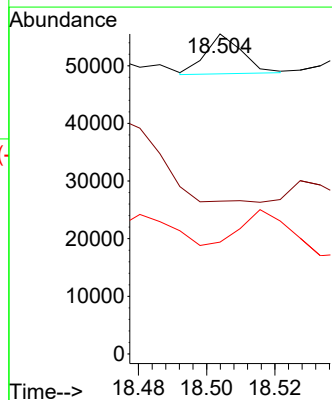
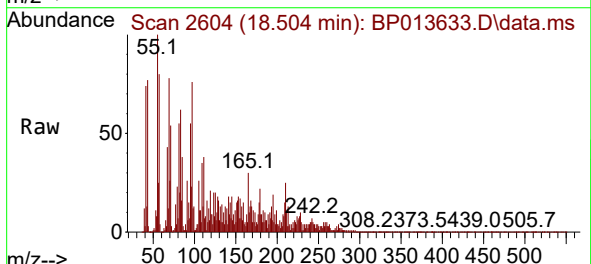
Instrument :
 BNA_P
 ClientSampleId :
 PE-2

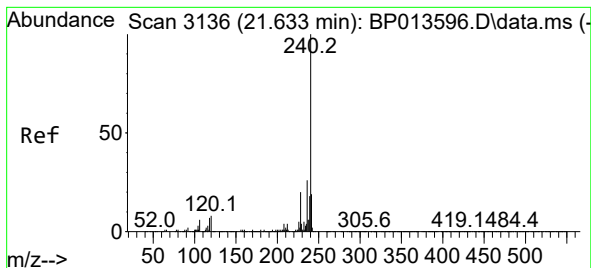
Tgt Ion:178 Resp: 88784
 Ion Ratio Lower Upper
 178 100
 176 25.0 15.0 22.4#
 179 136.6 12.3 18.5#



#74
 Di-n-butylphthalate
 Concen: 3.732 ng
 RT: 18.504 min Scan# 2604
 Delta R.T. 0.023 min
 Lab File: BP013633.D
 Acq: 27 Jan 2023 23:58

Tgt Ion:149 Resp: 5142
 Ion Ratio Lower Upper
 149 100
 150 47.8 7.6 11.4#
 104 35.0 4.4 6.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.633 min Scan# 3136

Delta R.T. -0.000 min

Lab File: BP013633.D

Acq: 27 Jan 2023 23:58

Instrument :

BNA_P

ClientSampleId :

PE-2

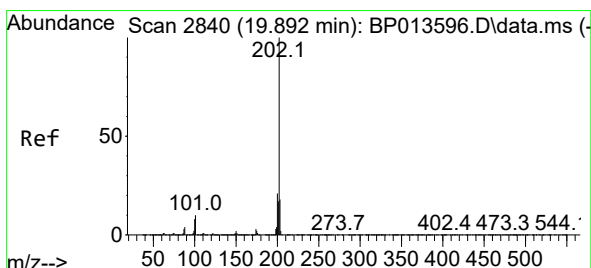
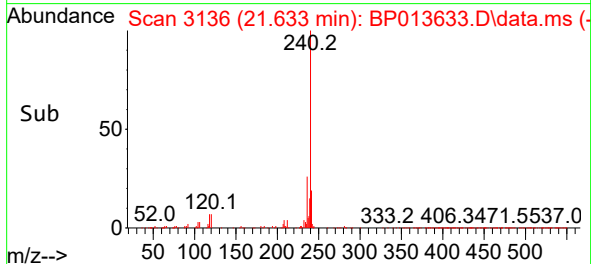
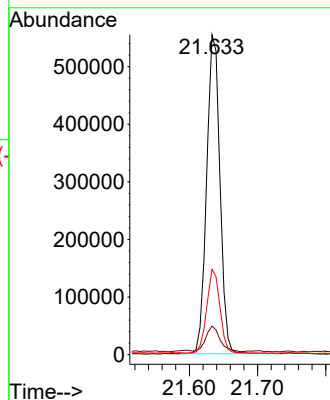
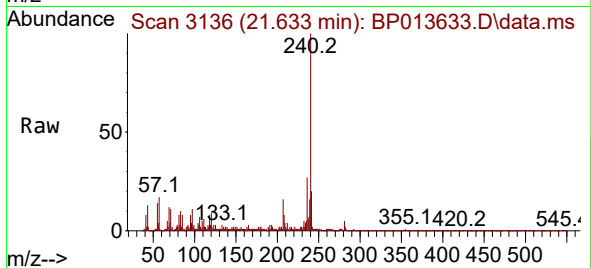
Tgt Ion:240 Resp: 751330

Ion Ratio Lower Upper

240 100

120 8.9 6.7 10.1

236 26.7 20.7 31.1



#78

Pyrene

Concen: 12.377 ng

RT: 19.916 min Scan# 2844

Delta R.T. 0.023 min

Lab File: BP013633.D

Acq: 27 Jan 2023 23:58

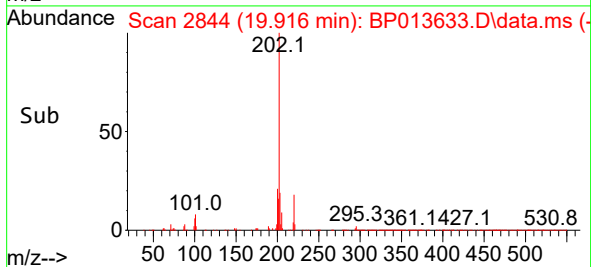
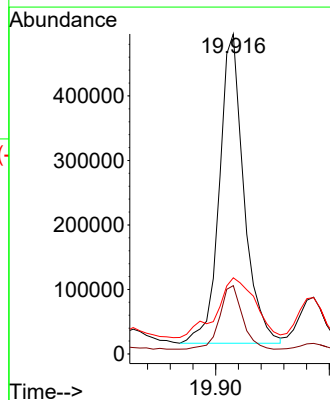
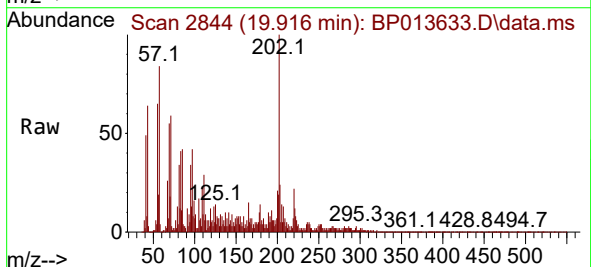
Tgt Ion:202 Resp: 719676

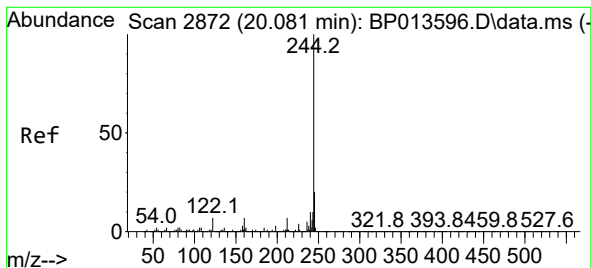
Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

203 23.8 14.2 21.2#





#79

Terphenyl-d14

Concen: 56.755 ng

RT: 20.098 min Scan# 2

Delta R.T. 0.017 min

Lab File: BP013633.D

Acq: 27 Jan 2023 23:58

Instrument :

BNA_P

ClientSampleId :

PE-2

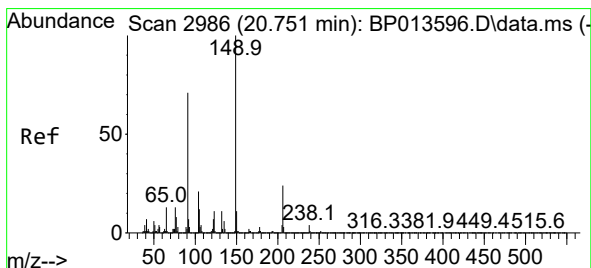
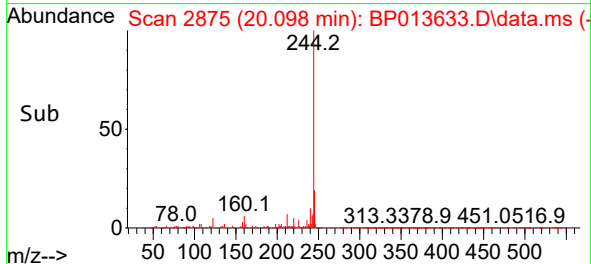
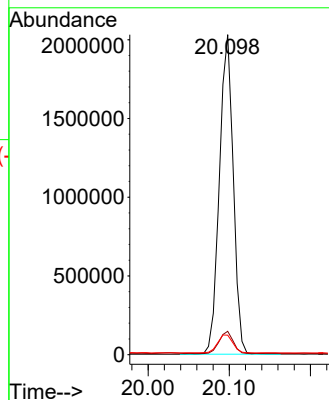
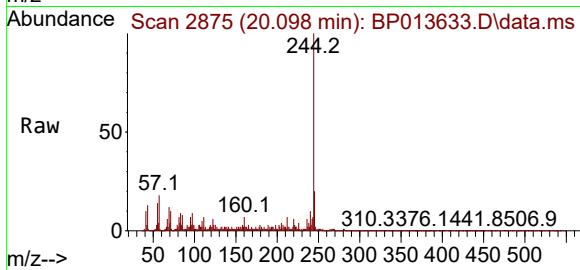
Tgt Ion:244 Resp: 2416472

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 6.1 5.3 7.9



#80

Butylbenzylphthalate

Concen: 6.129 ng

RT: 20.745 min Scan# 2985

Delta R.T. -0.006 min

Lab File: BP013633.D

Acq: 27 Jan 2023 23:58

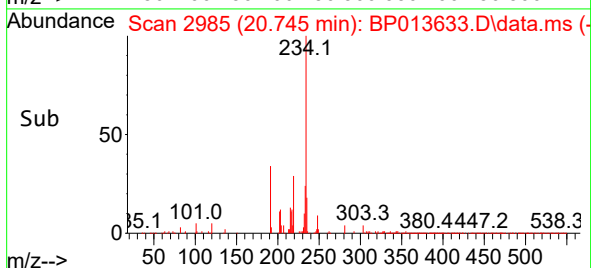
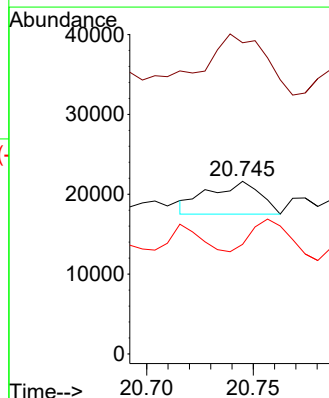
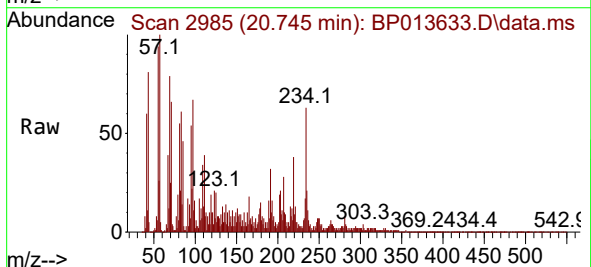
Tgt Ion:149 Resp: 6916

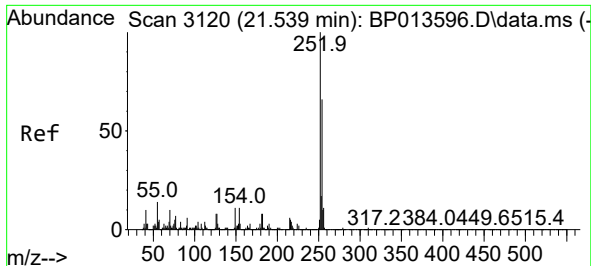
Ion Ratio Lower Upper

149 100

91 180.2 57.0 85.6#

206 63.4 19.0 28.6#

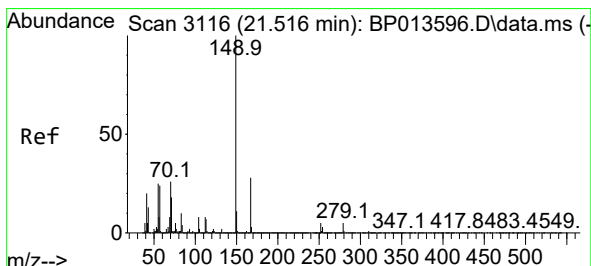
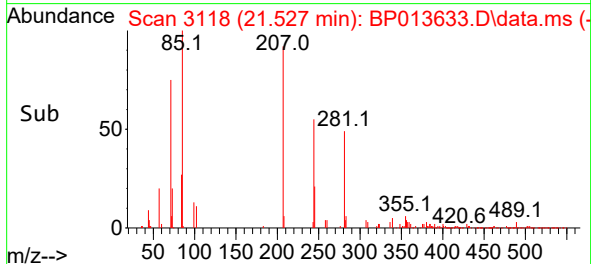
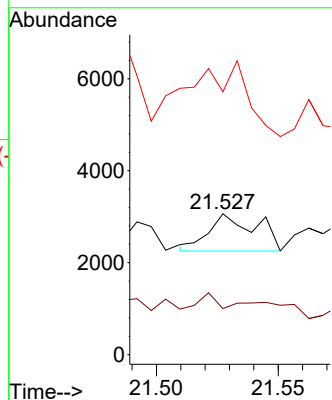
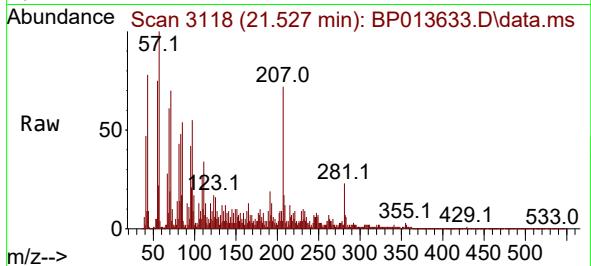




#82
 3,3'-Dichlorobenzidine
 Concen: 6.425 ng
 RT: 21.527 min Scan# 3118
 Delta R.T. -0.012 min
 Lab File: BP013633.D
 Acq: 27 Jan 2023 23:58

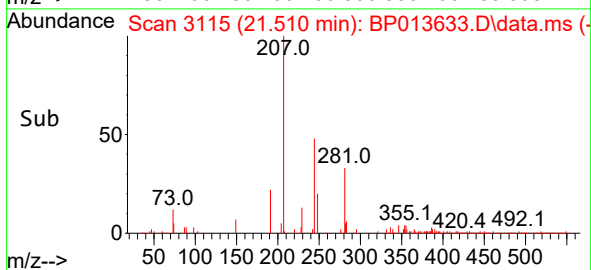
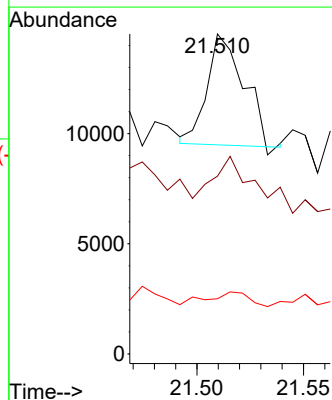
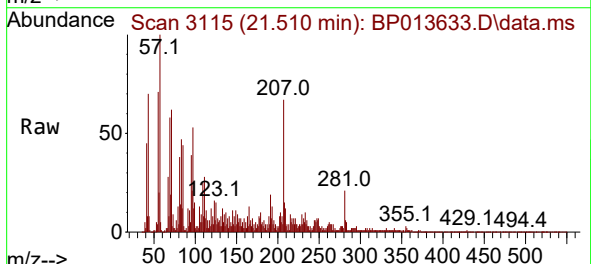
Instrument :
 BNA_P
 ClientSampleId :
 PE-2

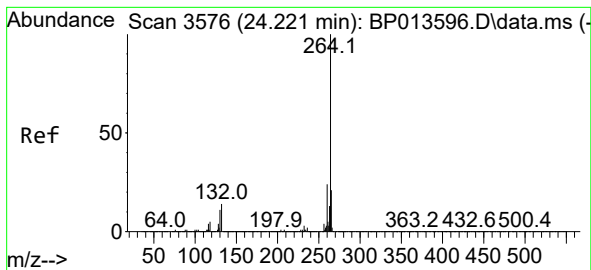
Tgt Ion:252 Resp: 1093
 Ion Ratio Lower Upper
 252 100
 254 32.7 52.3 78.5#
 126 186.4 6.2 9.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.856 ng
 RT: 21.510 min Scan# 3115
 Delta R.T. -0.006 min
 Lab File: BP013633.D
 Acq: 27 Jan 2023 23:58

Tgt Ion:149 Resp: 5985
 Ion Ratio Lower Upper
 149 100
 167 55.6 22.2 33.4#
 279 17.3 3.8 5.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.221 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP013633.D

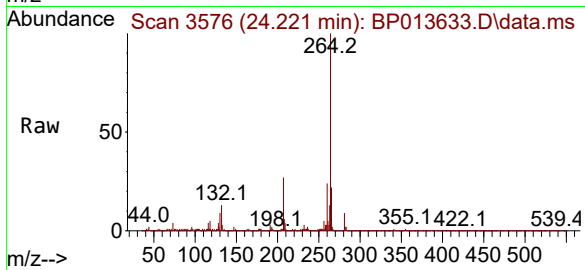
Acq: 27 Jan 2023 23:58

Instrument :

BNA_P

ClientSampleId :

PE-2



Tgt Ion:264 Resp: 956404

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 22.4 17.4 26.0

