

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
 Data File : BP021608.D
 Acq On : 22 Aug 2024 10:51
 Operator : RC/JU
 Sample : PB162876BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162876BL

Quant Time: Aug 22 11:18:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 11:12:31 2024
 Response via : Initial Calibration

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

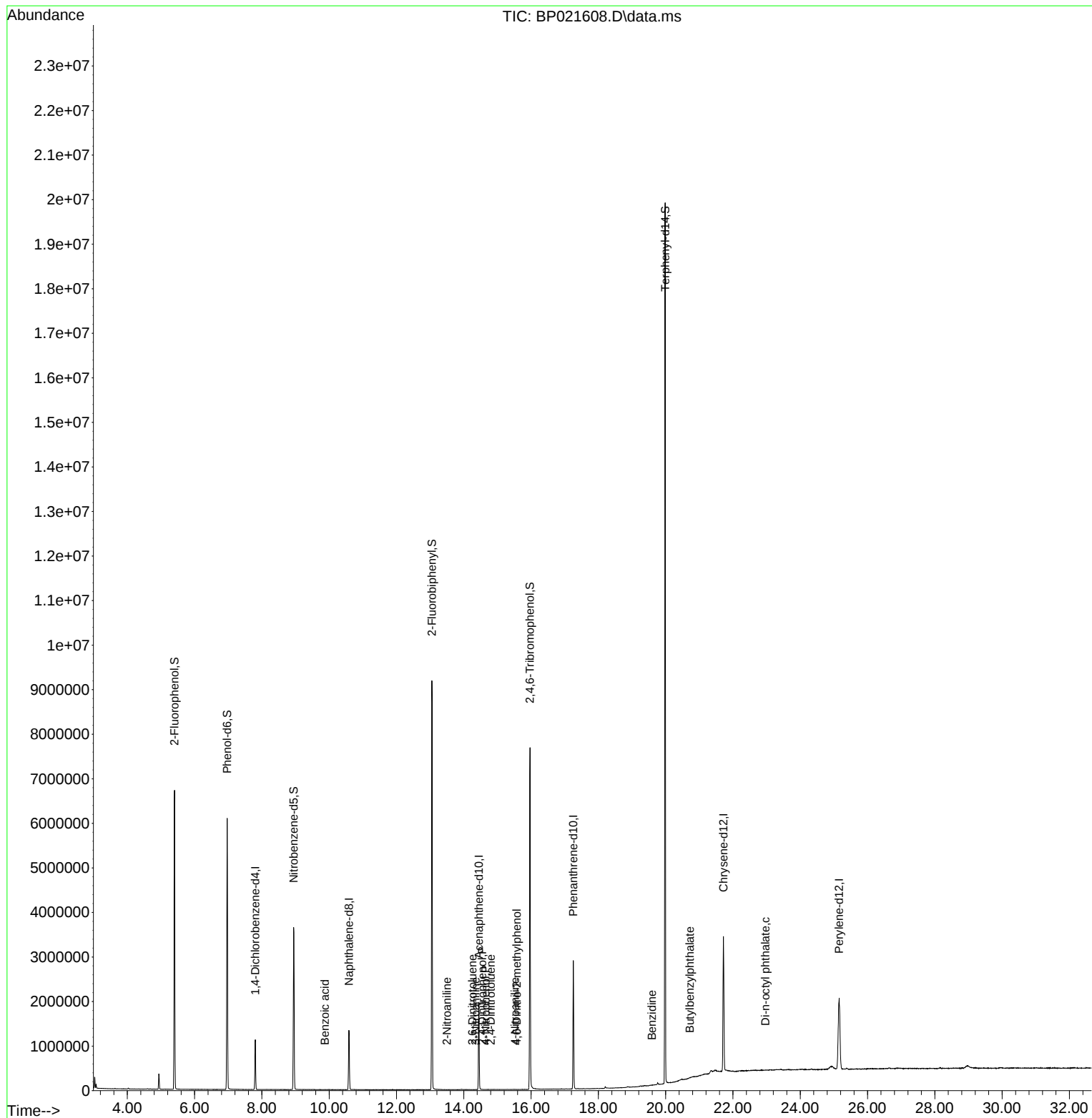
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	294007	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	1139317	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	719256	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	1752028	20.000	ng	0.00
76) Chrysene-d12	21.715	240	2039178	20.000	ng	0.00
86) Perylene-d12	25.156	264	2215401	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	3002530	151.641	ng	0.00
7) Phenol-d6	6.969	99	4003088	138.592	ng	0.00
23) Nitrobenzene-d5	8.945	82	2399055	108.686	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	1564553	195.446	ng	0.01
45) 2-Fluorobiphenyl	13.051	172	4517494	95.855	ng	0.00
79) Terphenyl-d14	19.986	244	9672988	92.155	ng	0.01
Target Compounds					Qvalue	
26) 2-Nitrophenol	9.704	139	215	Below Cal	#	1
32) Benzoic acid	9.875	122	109	3.337	ng	# 45
48) 2-Nitroaniline	13.504	65	130	5.158	ng	# 49
51) 2,6-Dinitrotoluene	14.257	165	56	3.991	ng	# 95
53) 3-Nitroaniline	14.351	138	87	3.978	ng	# 87
54) 2,4-Dinitrophenol	14.551	184	104	2.489	ng	# 11
56) 4-Nitrophenol	14.645	139	76	5.087	ng	# 85
57) 2,4-Dinitrotoluene	14.804	165	873	5.086	ng	# 91
62) 4-Nitroaniline	15.521	138	126	2.947	ng	# 43
65) 4,6-Dinitro-2-methylph...	15.574	198	30	4.613	ng	# 1
77) Benzidine	19.592	184	3495	4.628	ng	# 94
80) Butylbenzylphthalate	20.721	149	1324	3.627	ng	# 90
85) Di-n-octyl phthalate	22.962	149	4713	4.868	ng	# 76

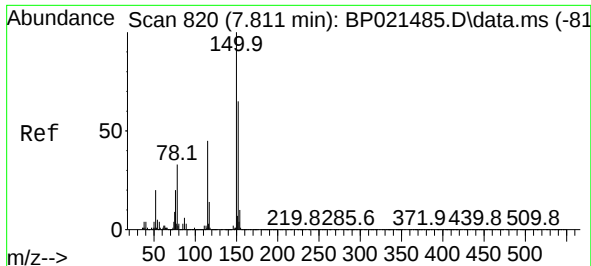
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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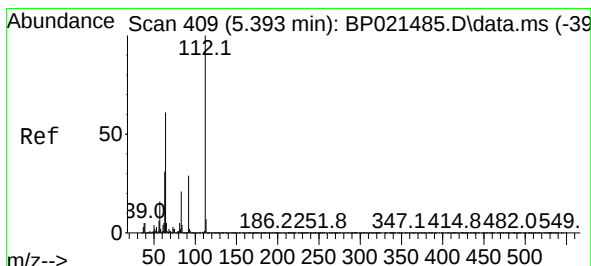
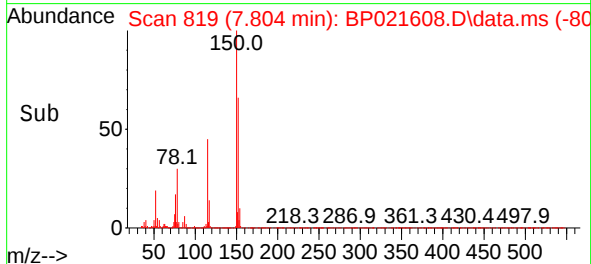
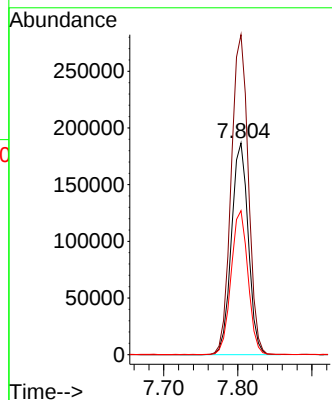
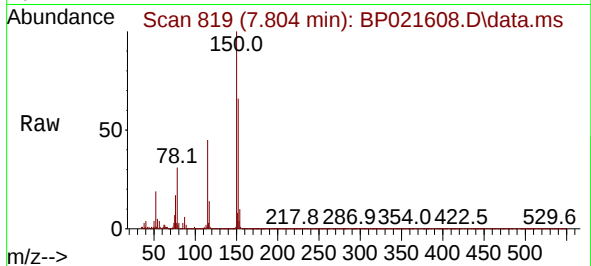




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.001 min
Lab File: BP021608.D
Acq: 22 Aug 2024 10:51

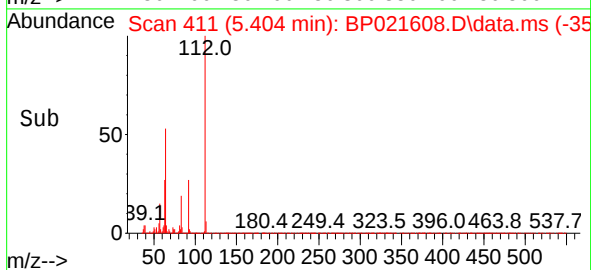
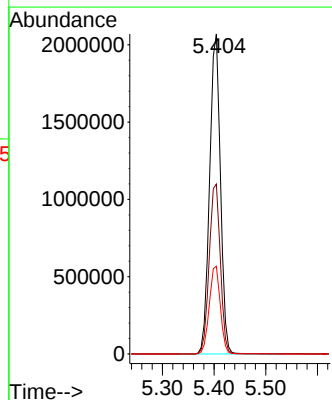
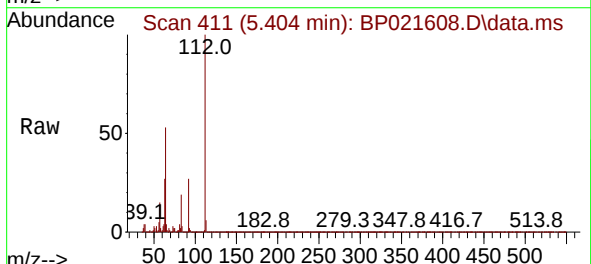
Instrument :
BNA_P
ClientSampleId :
PB162876BL

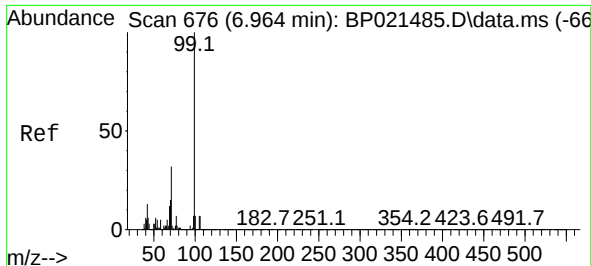
Tgt Ion:152 Resp: 294007
Ion Ratio Lower Upper
152 100
150 151.2 122.4 183.6
115 68.0 54.7 82.1



#5
2-Fluorophenol
Concen: 151.641 ng
RT: 5.404 min Scan# 411
Delta R.T. 0.005 min
Lab File: BP021608.D
Acq: 22 Aug 2024 10:51

Tgt Ion:112 Resp: 3002530
Ion Ratio Lower Upper
112 100
64 53.1 49.0 73.6
63 27.4 24.6 36.8

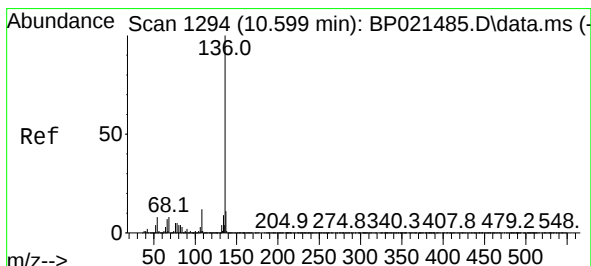
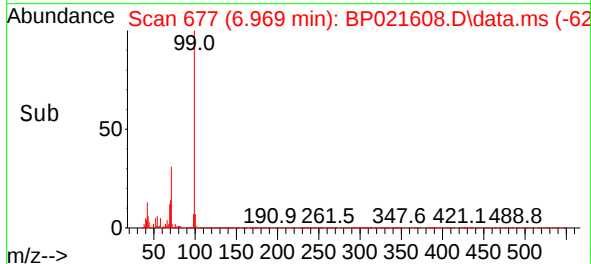
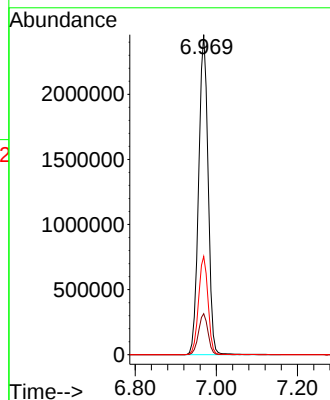
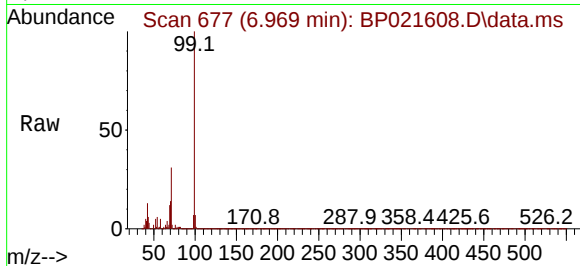




#7
Phenol-d6
Concen: 138.592 ng
RT: 6.969 min Scan# 61
Delta R.T. -0.001 min
Lab File: BP021608.D
Acq: 22 Aug 2024 10:51

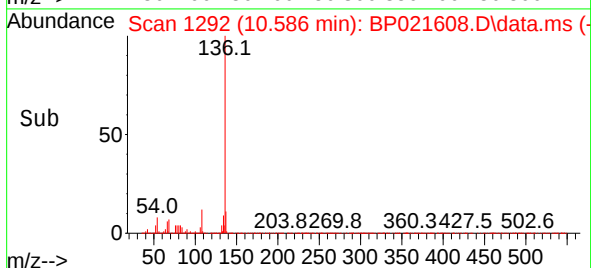
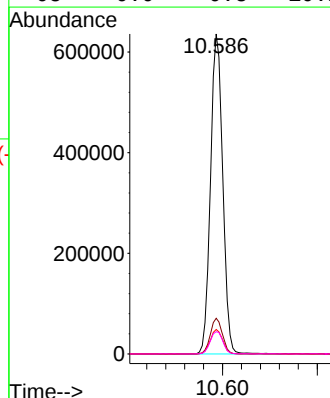
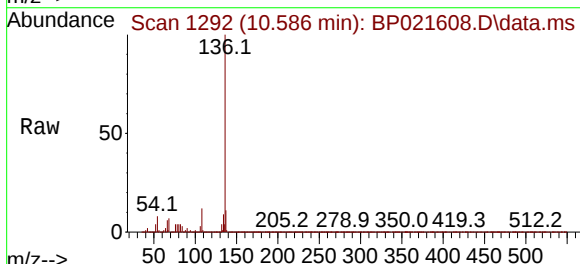
Instrument :
BNA_P
ClientSampleId :
PB162876BL

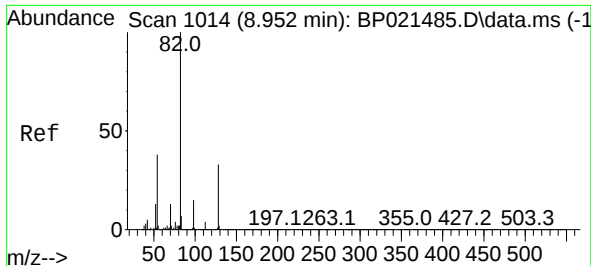
Tgt Ion: 99 Resp: 4003088
Ion Ratio Lower Upper
99 100
42 12.8 10.2 15.4
71 30.7 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 1292
Delta R.T. -0.001 min
Lab File: BP021608.D
Acq: 22 Aug 2024 10:51

Tgt Ion:136 Resp: 1139317
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.6 6.3 9.5
68 6.9 6.8 10.2





#23

Nitrobenzene-d5

Concen: 108.686 ng

RT: 8.945 min Scan# 1

Delta R.T. -0.001 min

Lab File: BP021608.D

Acq: 22 Aug 2024 10:51

Instrument :

BNA_P

ClientSampleId :

PB162876BL

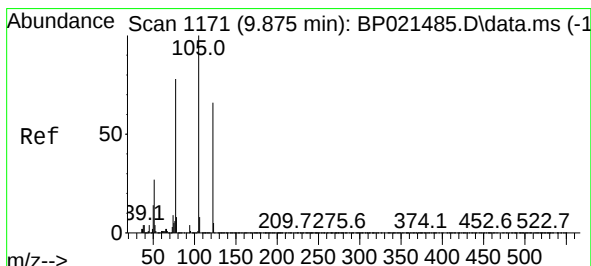
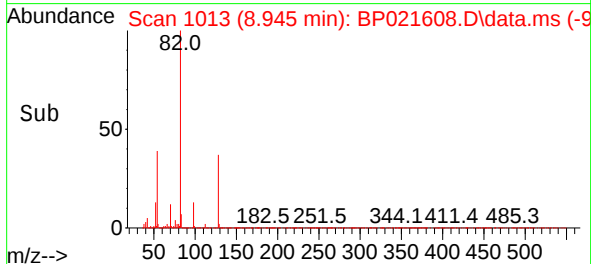
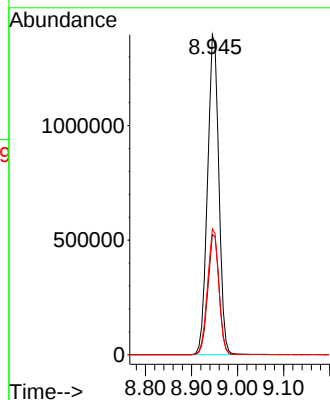
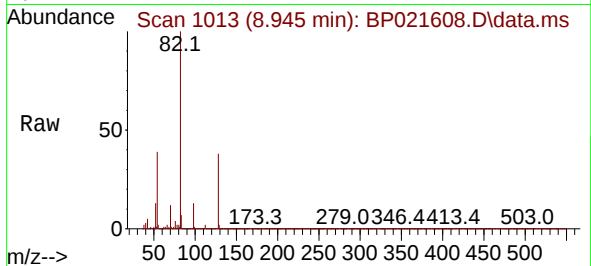
Tgt Ion: 82 Resp: 2399055

Ion Ratio Lower Upper

82 100

128 37.5 26.5 39.7

54 39.3 30.3 45.5



#32

Benzoic acid

Concen: 3.337 ng

RT: 9.875 min Scan# 1171

Delta R.T. -0.018 min

Lab File: BP021608.D

Acq: 22 Aug 2024 10:51

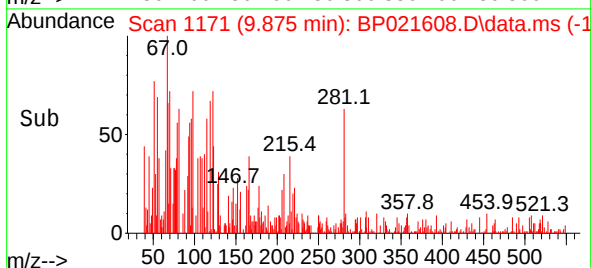
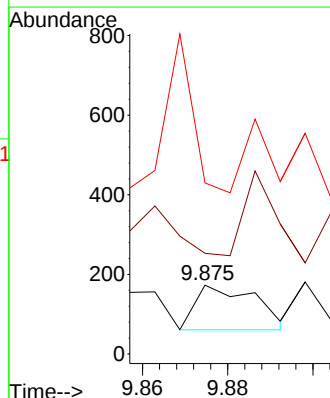
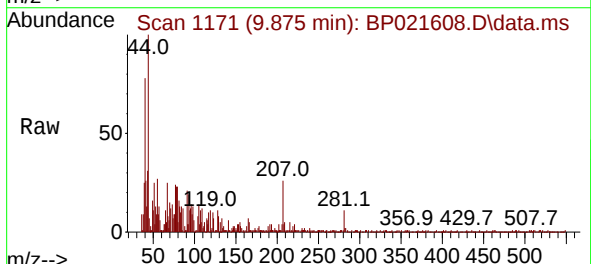
Tgt Ion:122 Resp: 109

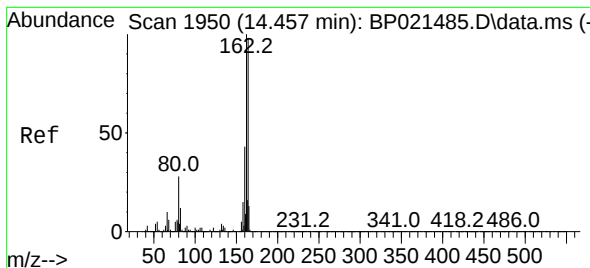
Ion Ratio Lower Upper

122 100

105 146.2 124.6 164.6

77 248.6 96.2 136.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1949

Delta R.T. 0.005 min

Lab File: BP021608.D

Acq: 22 Aug 2024 10:51

Instrument :

BNA_P

ClientSampleId :

PB162876BL

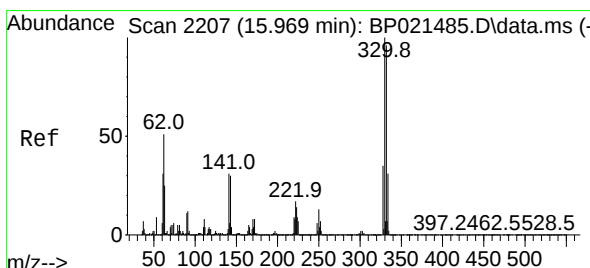
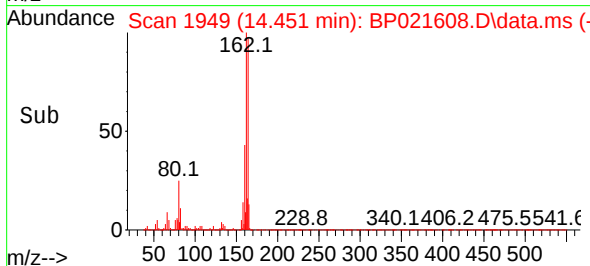
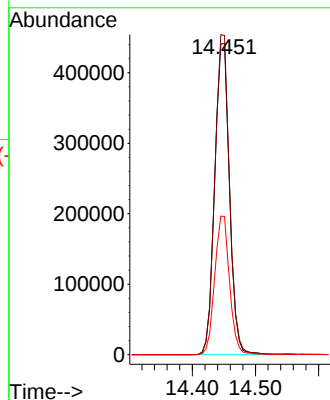
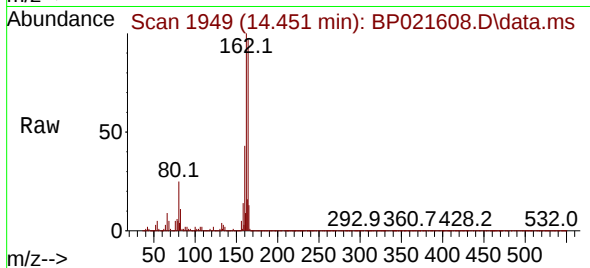
Tgt Ion:164 Resp: 719256

Ion Ratio Lower Upper

164 100

162 102.6 81.5 122.3

160 44.4 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 195.446 ng

RT: 15.968 min Scan# 2207

Delta R.T. 0.011 min

Lab File: BP021608.D

Acq: 22 Aug 2024 10:51

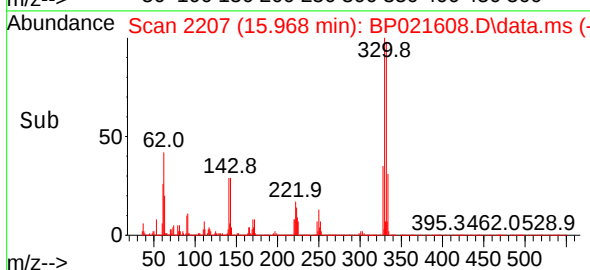
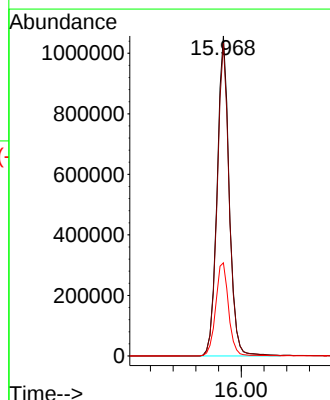
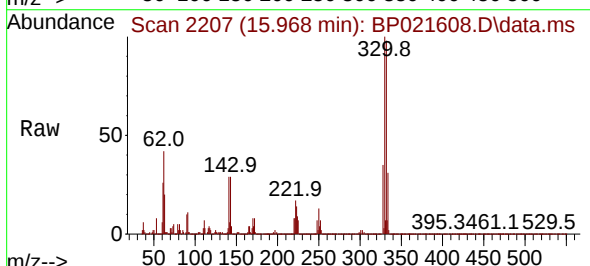
Tgt Ion:330 Resp: 1564553

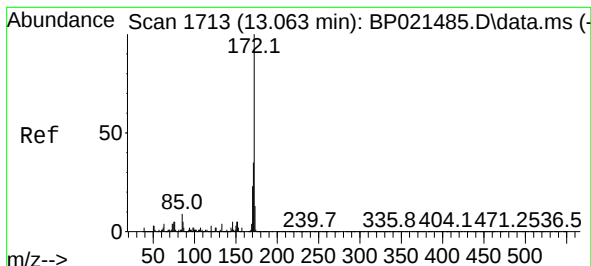
Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.0

141 30.9 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 95.855 ng

RT: 13.051 min Scan# 1711

Delta R.T. -0.001 min

Lab File: BP021608.D

Acq: 22 Aug 2024 10:51

Instrument :

BNA_P

ClientSampleId :

PB162876BL

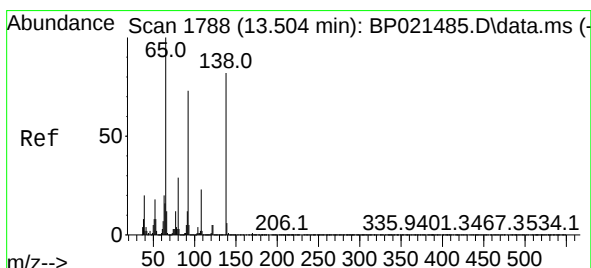
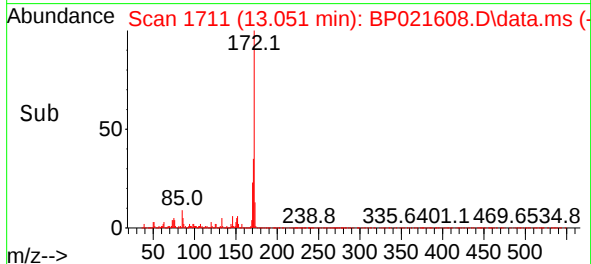
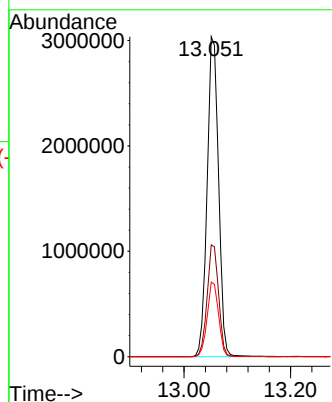
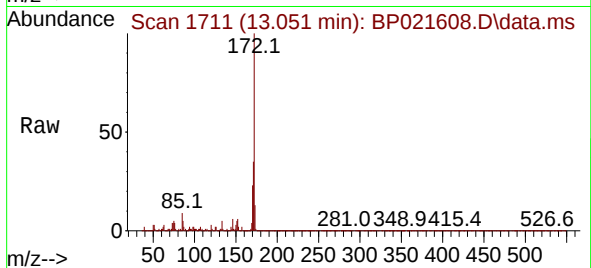
Tgt Ion:172 Resp: 4517494

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.3 18.4 27.6



#48

2-Nitroaniline

Concen: 5.158 ng

RT: 13.504 min Scan# 1788

Delta R.T. -0.001 min

Lab File: BP021608.D

Acq: 22 Aug 2024 10:51

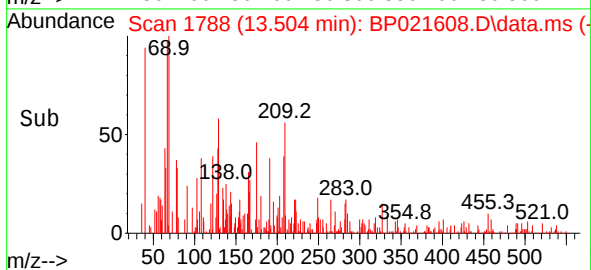
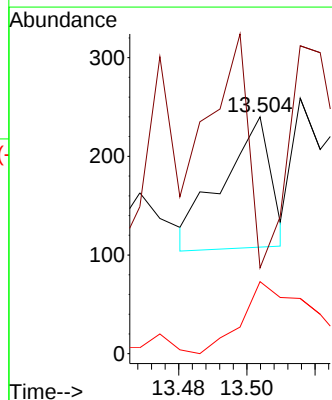
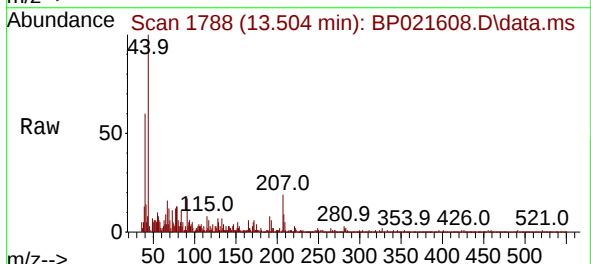
Tgt Ion: 65 Resp: 130

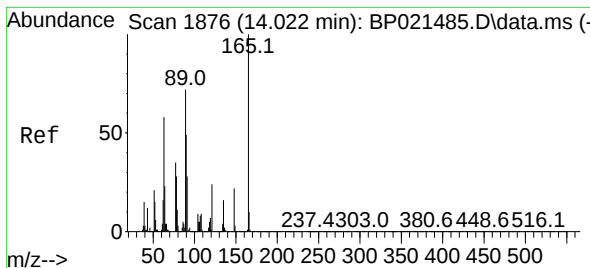
Ion Ratio Lower Upper

65 100

92 36.3 58.1 87.1#

138 30.4 65.5 98.3#

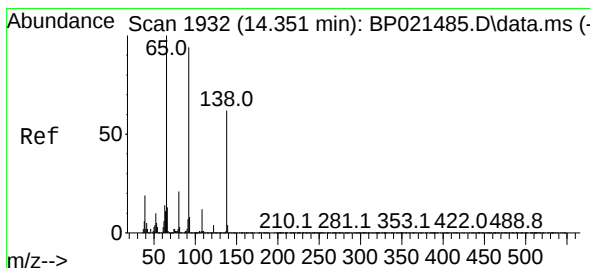
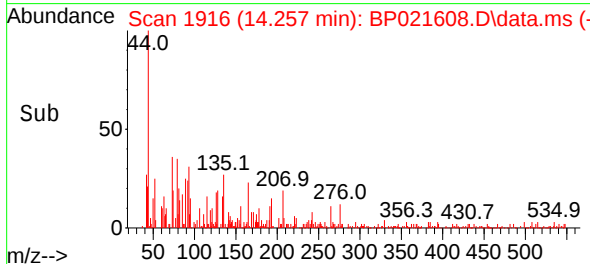
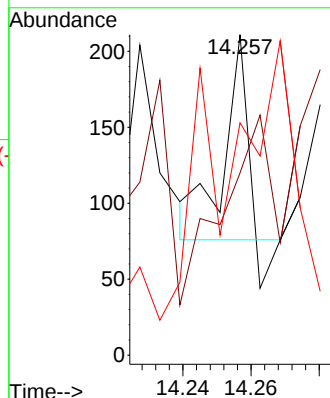
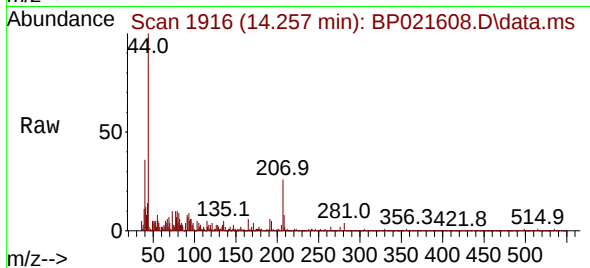




#51
2,6-Dinitrotoluene
Concen: 3.991 ng
RT: 14.257 min Scan# 1916
Delta R.T. 0.252 min
Lab File: BP021608.D
Acq: 22 Aug 2024 10:51

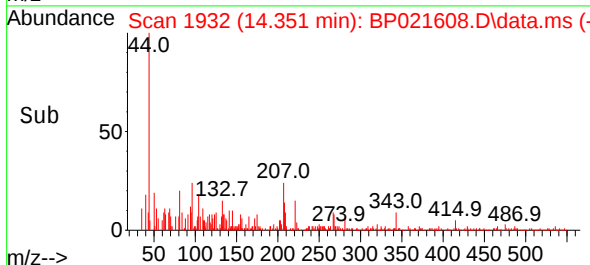
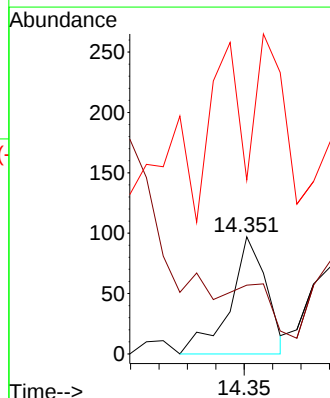
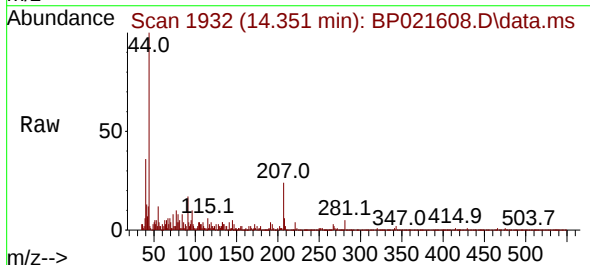
Instrument :
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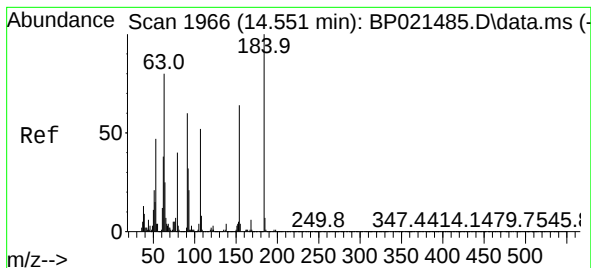
Tgt Ion:165 Resp: 56
Ion Ratio Lower Upper
165 100
63 56.9 51.5 77.3
89 72.5 57.8 86.8



#53
3-Nitroaniline
Concen: 3.978 ng
RT: 14.351 min Scan# 1932
Delta R.T. 0.011 min
Lab File: BP021608.D
Acq: 22 Aug 2024 10:51

Tgt Ion:138 Resp: 87
Ion Ratio Lower Upper
138 100
108 58.8 16.2 24.4#
92 148.5 122.2 183.4





#54

2,4-Dinitrophenol

Concen: 2.489 ng

RT: 14.551 min Scan# 1966

Delta R.T. 0.005 min

Lab File: BP021608.D

Acq: 22 Aug 2024 10:51

Instrument :

BNA_P

ClientSampleId :

PB162876BL

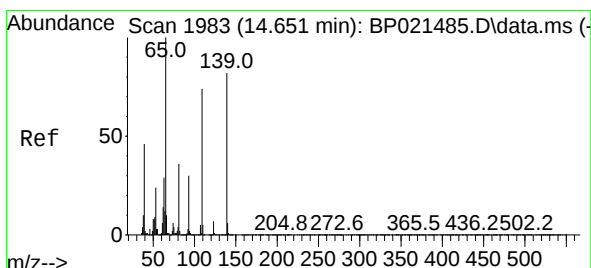
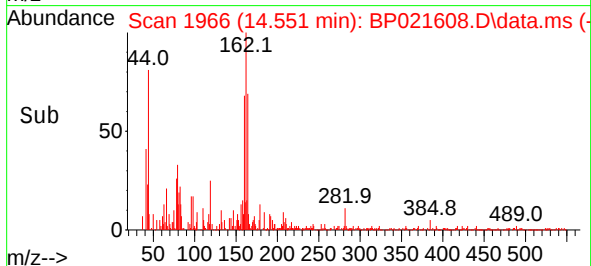
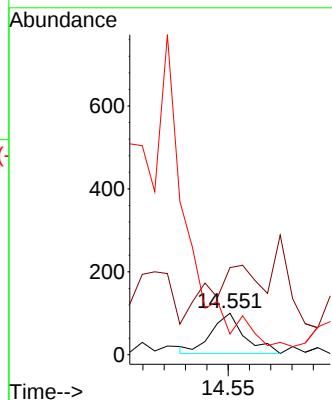
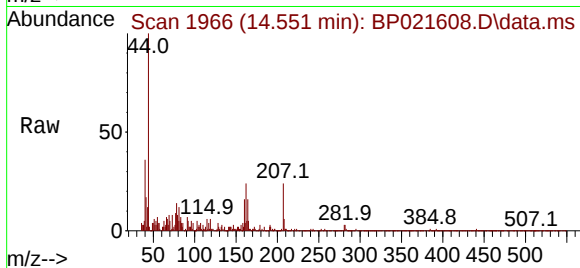
Tgt Ion:184 Resp: 104

Ion Ratio Lower Upper

184 100

63 210.0 64.9 97.3#

154 50.0 52.1 78.1#



#56

4-Nitrophenol

Concen: 5.087 ng

RT: 14.645 min Scan# 1982

Delta R.T. -0.006 min

Lab File: BP021608.D

Acq: 22 Aug 2024 10:51

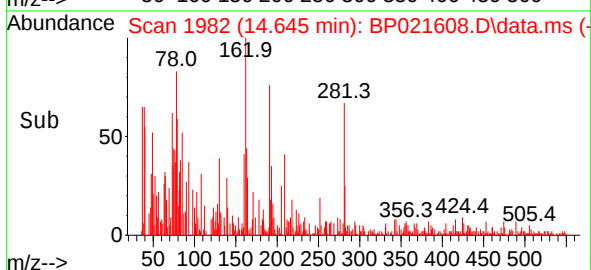
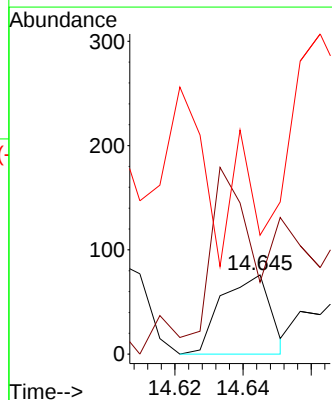
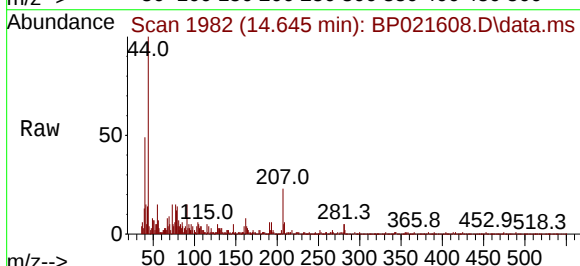
Tgt Ion:139 Resp: 76

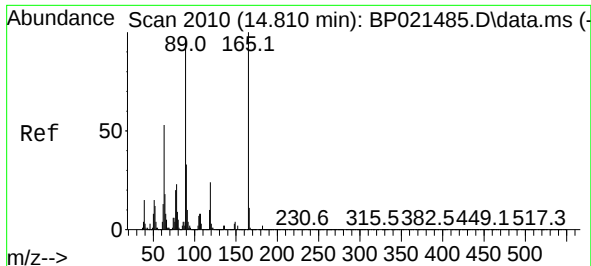
Ion Ratio Lower Upper

139 100

109 90.8 70.2 110.2

65 150.0 101.8 141.8#

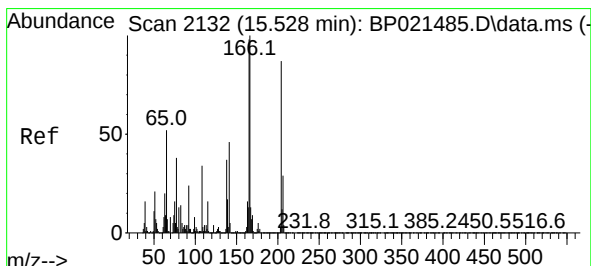
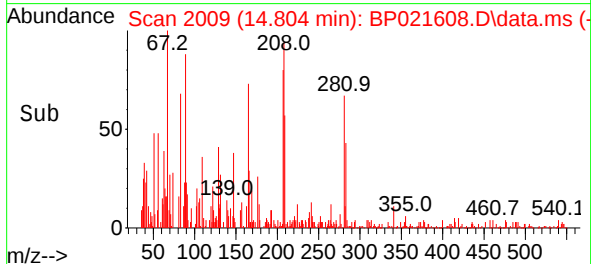
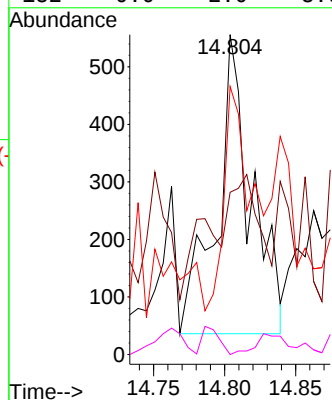
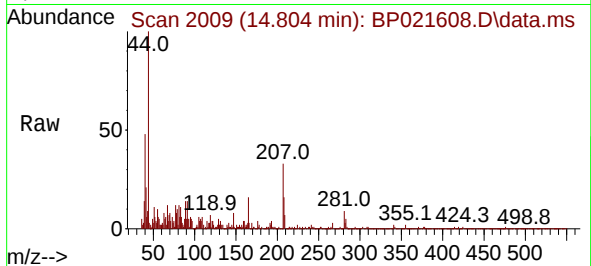




#57
2,4-Dinitrotoluene
Concen: 5.086 ng
RT: 14.804 min Scan# 2010
Delta R.T. -0.001 min
Lab File: BP021608.D
Acq: 22 Aug 2024 10:51

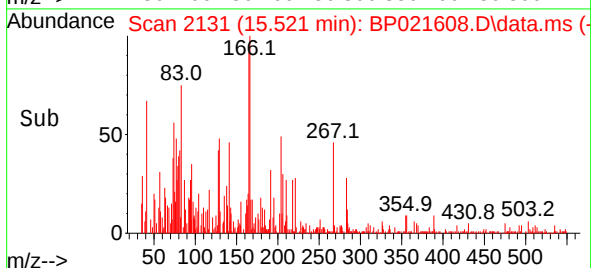
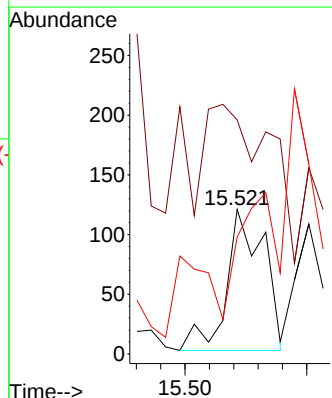
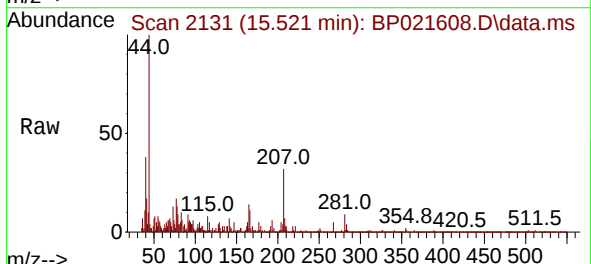
Instrument :
BNA_P
ClientSampleId :
PB162876BL

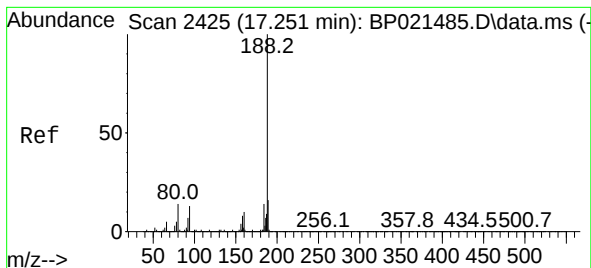
Tgt Ion:165 Resp: 873
Ion Ratio Lower Upper
165 100
63 50.7 42.5 63.7
89 83.8 77.1 115.7
182 0.0 2.0 3.0#



#62
4-Nitroaniline
Concen: 2.947 ng
RT: 15.521 min Scan# 2131
Delta R.T. 0.011 min
Lab File: BP021608.D
Acq: 22 Aug 2024 10:51

Tgt Ion:138 Resp: 126
Ion Ratio Lower Upper
138 100
92 162.0 46.4 86.4#
108 81.0 73.2 113.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.257 min Scan# 2426

Delta R.T. 0.005 min

Lab File: BP021608.D

Acq: 22 Aug 2024 10:51

Instrument :

BNA_P

ClientSampleId :

PB162876BL

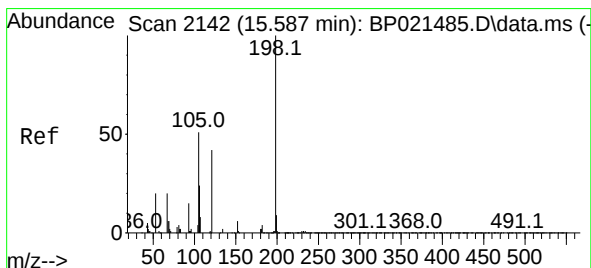
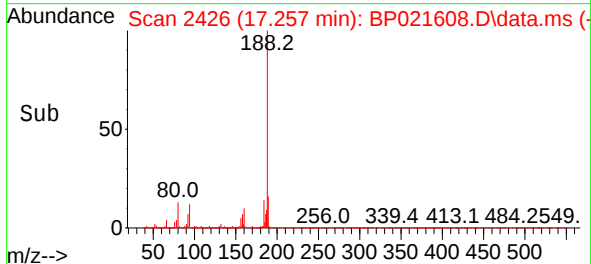
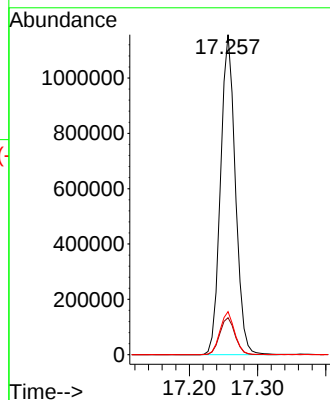
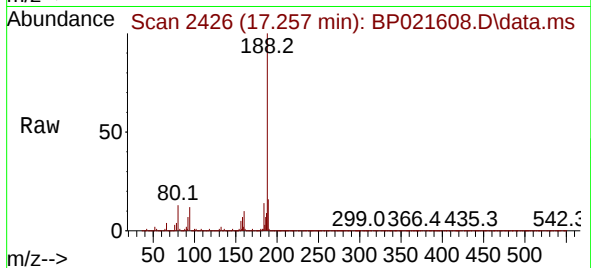
Tgt Ion:188 Resp: 1752028

Ion Ratio Lower Upper

188 100

94 11.6 10.2 15.4

80 13.4 11.6 17.4



#65

4,6-Dinitro-2-methylphenol

Concen: 4.613 ng

RT: 15.574 min Scan# 2140

Delta R.T. -0.012 min

Lab File: BP021608.D

Acq: 22 Aug 2024 10:51

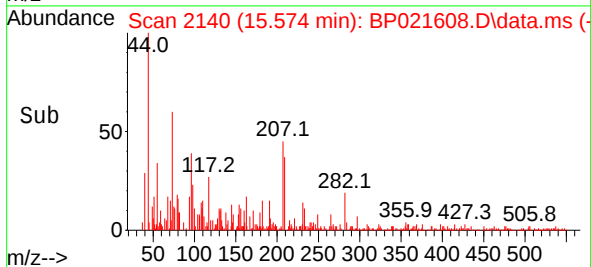
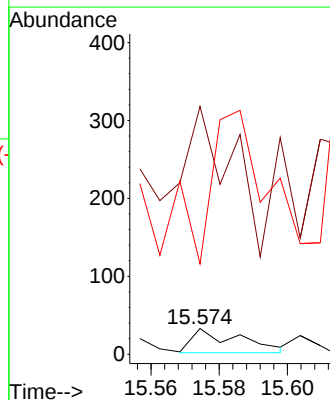
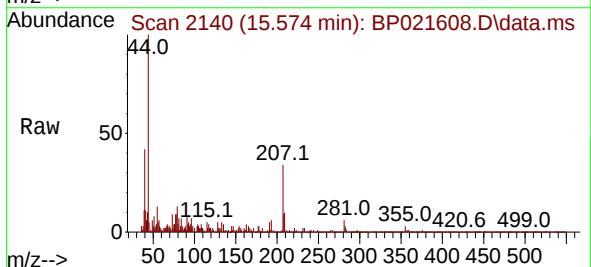
Tgt Ion:198 Resp: 30

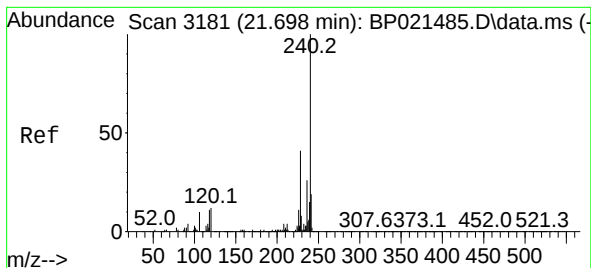
Ion Ratio Lower Upper

198 100

51 963.6 21.5 61.5#

105 351.5 32.9 72.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.715 min Scan# 3181

Delta R.T. -0.001 min

Lab File: BP021608.D

Acq: 22 Aug 2024 10:51

Instrument :

BNA_P

ClientSampleId :

PB162876BL

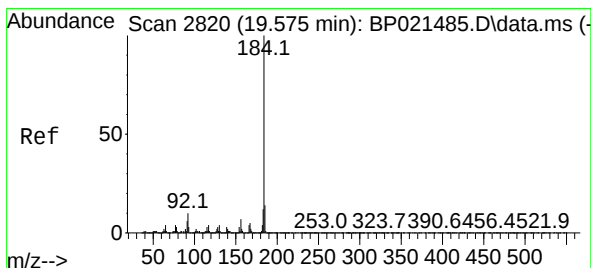
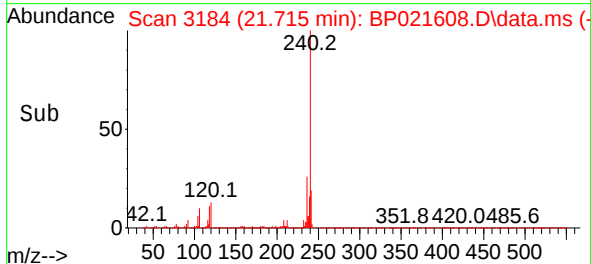
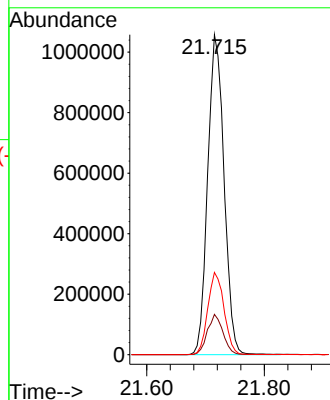
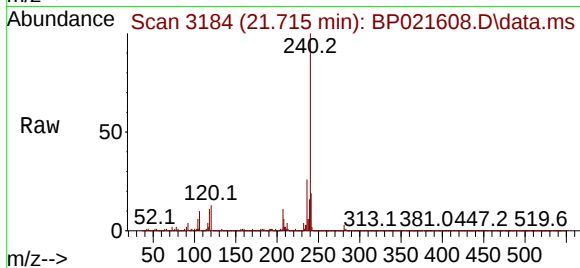
Tgt Ion:240 Resp: 2039178

Ion Ratio Lower Upper

240 100

120 12.6 9.9 14.9

236 25.7 20.6 30.8



#77

Benzidine

Concen: 4.628 ng

RT: 19.592 min Scan# 2823

Delta R.T. 0.017 min

Lab File: BP021608.D

Acq: 22 Aug 2024 10:51

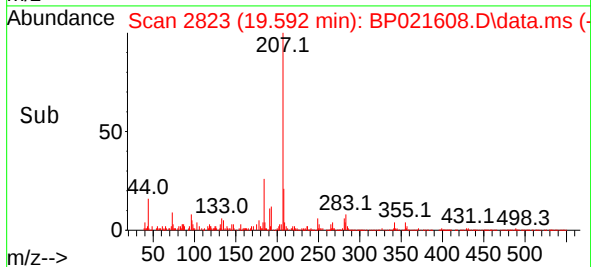
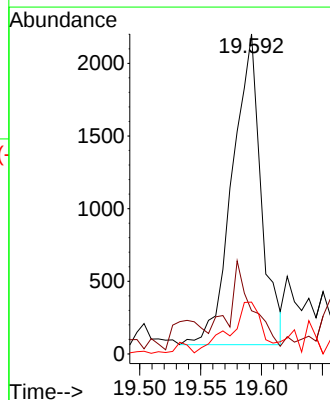
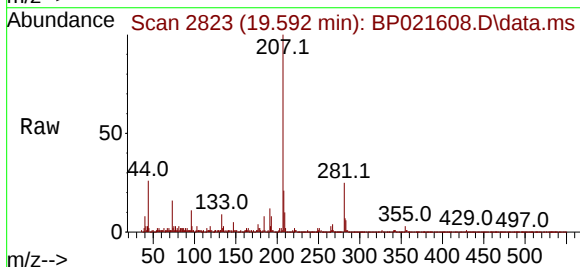
Tgt Ion:184 Resp: 3495

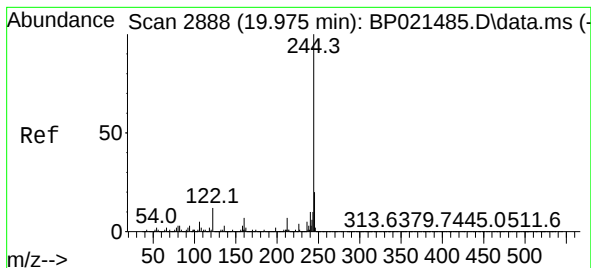
Ion Ratio Lower Upper

184 100

185 13.5 11.4 17.0

183 16.2 9.3 13.9#





#79

Terphenyl-d14

Concen: 92.155 ng

RT: 19.986 min Scan# 21

Delta R.T. 0.011 min

Lab File: BP021608.D

Acq: 22 Aug 2024 10:51

Instrument :

BNA_P

ClientSampleId :

PB162876BL

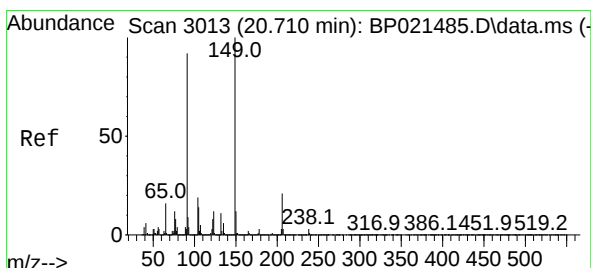
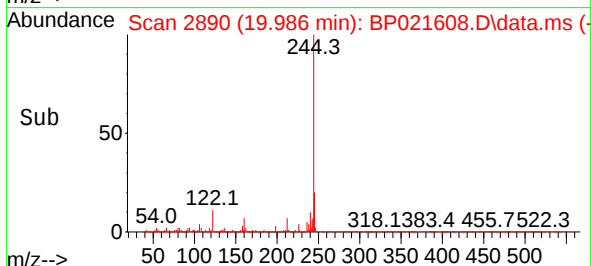
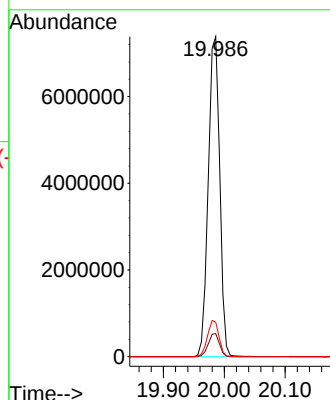
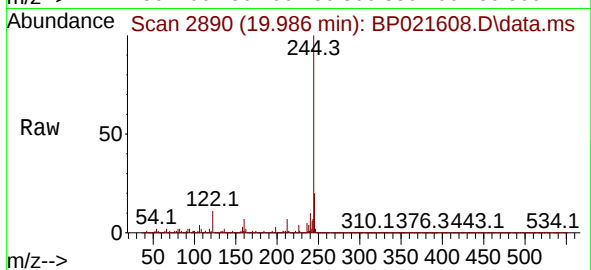
Tgt Ion:244 Resp: 9672988

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 10.8 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.627 ng

RT: 20.721 min Scan# 3015

Delta R.T. 0.011 min

Lab File: BP021608.D

Acq: 22 Aug 2024 10:51

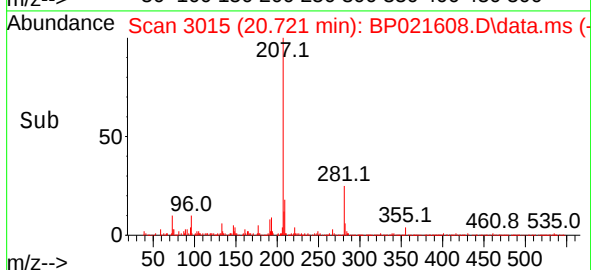
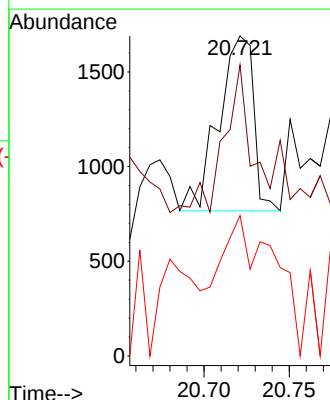
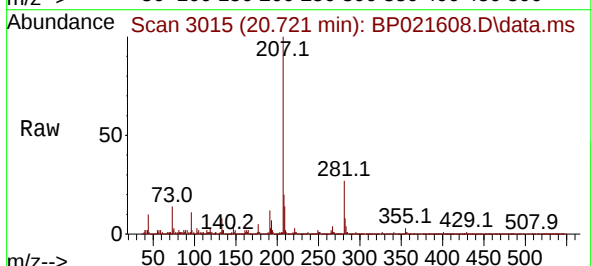
Tgt Ion:149 Resp: 1324

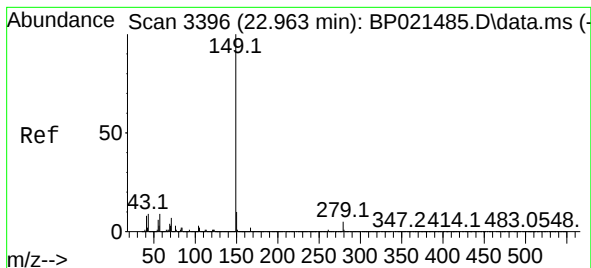
Ion Ratio Lower Upper

149 100

91 90.9 73.3 109.9

206 43.8 17.1 25.7#





#85

Di-n-octyl phthalate

Concen: 4.868 ng

RT: 22.962 min Scan# 3396

Delta R.T. -0.001 min

Lab File: BP021608.D

Acq: 22 Aug 2024 10:51

Instrument :

BNA_P

ClientSampleId :

PB162876BL

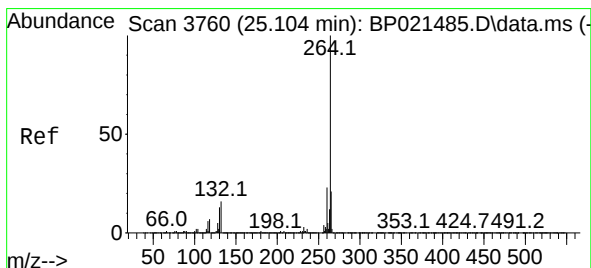
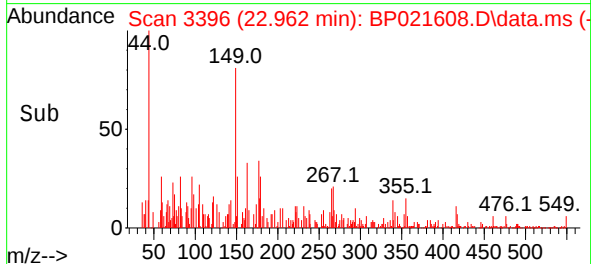
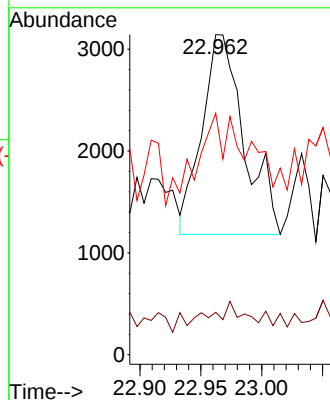
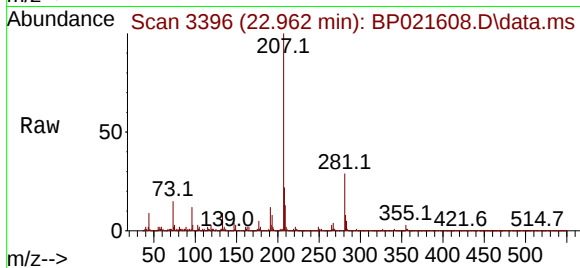
Tgt Ion:149 Resp: 4713

Ion Ratio Lower Upper

149 100

167 3.3 1.3 1.9#

43 19.2 7.3 10.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.156 min Scan# 3769

Delta R.T. 0.005 min

Lab File: BP021608.D

Acq: 22 Aug 2024 10:51

Tgt Ion:264 Resp: 2215401

Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 21.2 17.1 25.7

