

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
 Data File : BP021609.D
 Acq On : 22 Aug 2024 11:33
 Operator : RC/JU
 Sample : PB162379BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162379BL

Quant Time: Aug 22 12:54:40 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)

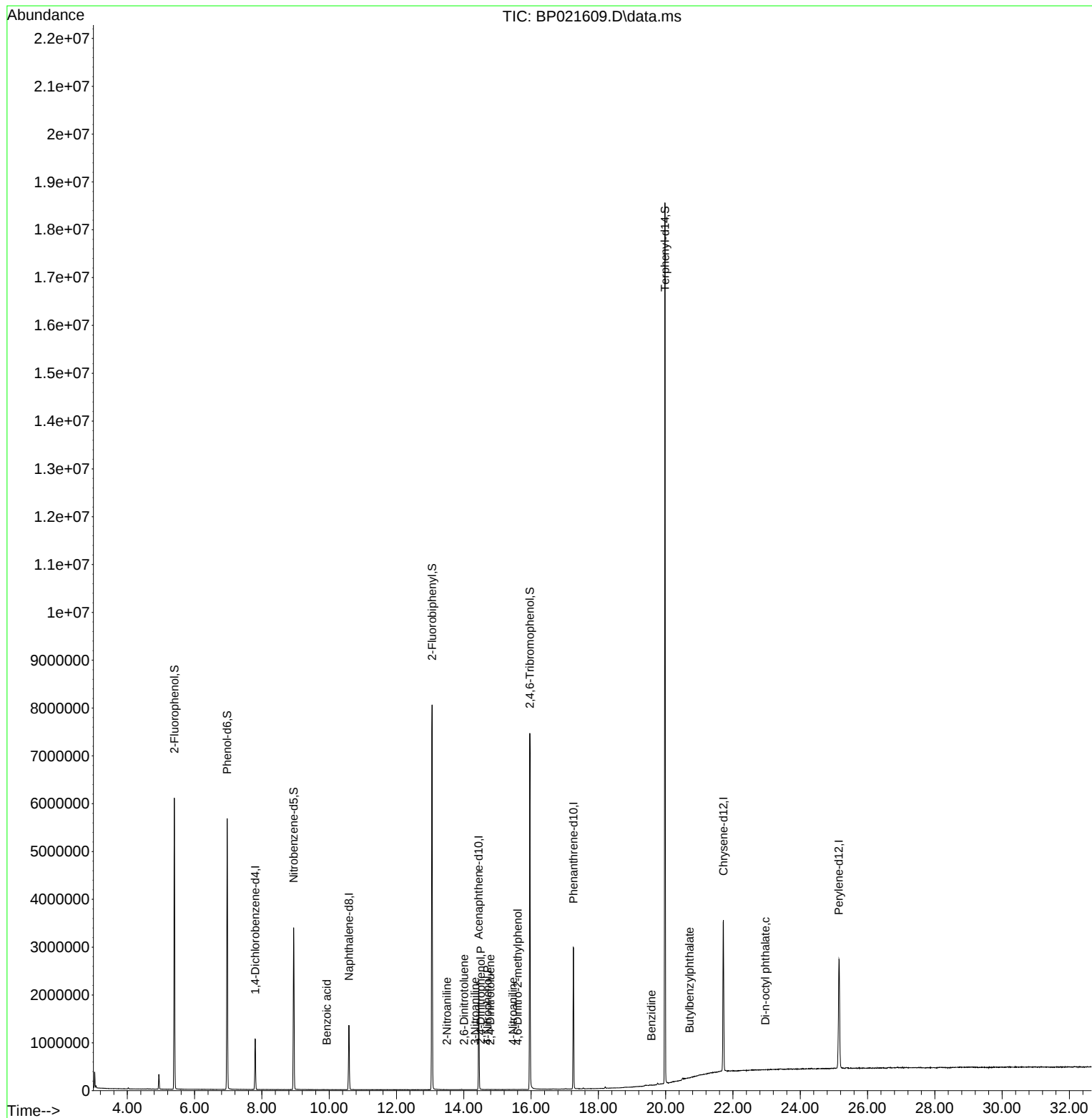
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	290745	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1124987	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	726278	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	1754800	20.000	ng	0.01
76) Chrysene-d12	21.716	240	1947306	20.000	ng	0.00
86) Perylene-d12	25.151	264	2180549	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2731208	139.485	ng	0.00
7) Phenol-d6	6.969	99	3657789	128.058	ng	0.00
23) Nitrobenzene-d5	8.946	82	2174428	99.764	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	1421767	175.892	ng	0.01
45) 2-Fluorobiphenyl	13.057	172	4182185	87.882	ng	0.00
79) Terphenyl-d14	19.980	244	8931165	89.102	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.704	139	99	Below Cal	#	1
32) Benzoic acid	9.928	122	157	3.345	ng	# 39
48) 2-Nitroaniline	13.504	65	144	5.159	ng	# 43
51) 2,6-Dinitrotoluene	14.010	165	167	4.001	ng	# 64
53) 3-Nitroaniline	14.334	138	45	3.973	ng	# 21
54) 2,4-Dinitrophenol	14.510	184	109	2.491	ng	# 1
56) 4-Nitrophenol	14.704	139	242	5.107	ng	90
57) 2,4-Dinitrotoluene	14.792	165	185	5.036	ng	# 85
62) 4-Nitroaniline	15.463	138	66	2.941	ng	# 53
65) 4,6-Dinitro-2-methylph...	15.604	198	32	4.614	ng	# 1
77) Benzidine	19.580	184	1340	4.595	ng	# 87
80) Butylbenzylphthalate	20.710	149	1229	3.626	ng	# 93
85) Di-n-octyl phthalate	22.963	149	1240	4.845	ng	# 69

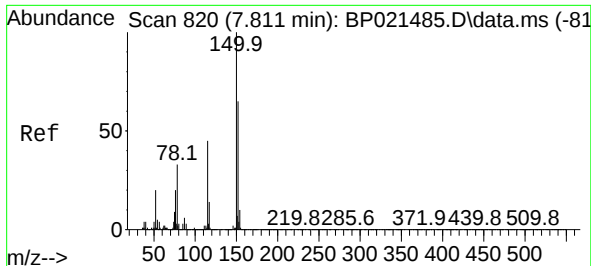
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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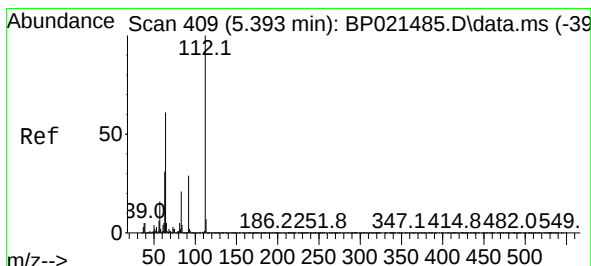
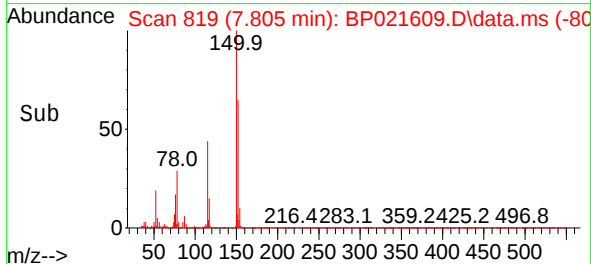
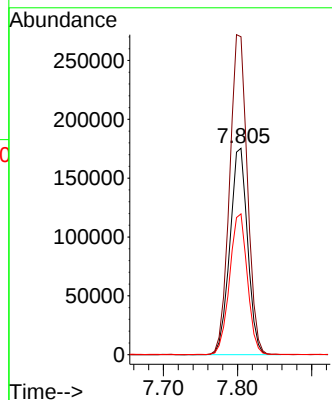
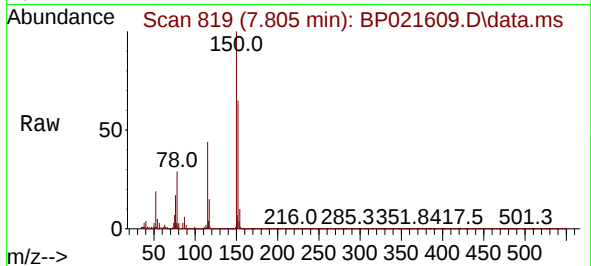




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP021609.D
Acq: 22 Aug 2024 11:33

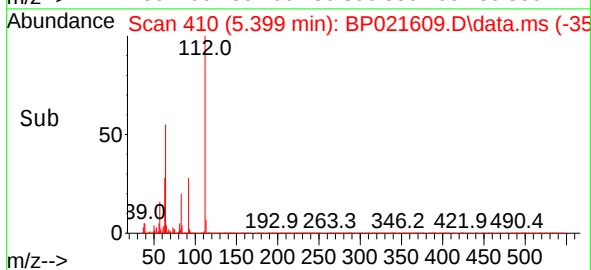
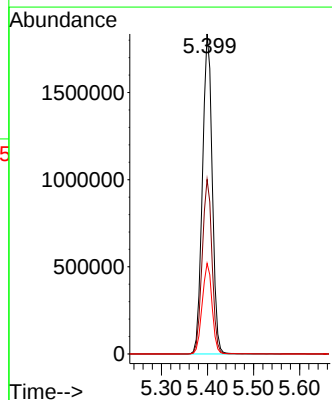
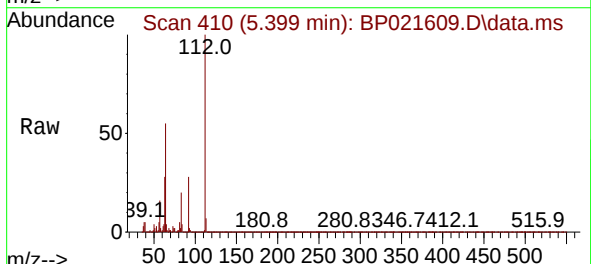
Instrument :
BNA_P
ClientSampleId :
PB162379BL

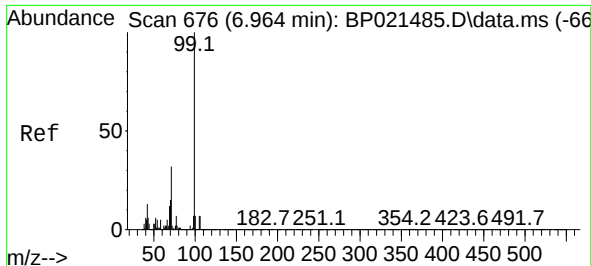
Tgt Ion:152 Resp: 290745
Ion Ratio Lower Upper
152 100
150 154.0 122.4 183.6
115 68.2 54.7 82.1



#5
2-Fluorophenol
Concen: 139.485 ng
RT: 5.399 min Scan# 410
Delta R.T. -0.000 min
Lab File: BP021609.D
Acq: 22 Aug 2024 11:33

Tgt Ion:112 Resp: 2731208
Ion Ratio Lower Upper
112 100
64 54.6 49.0 73.6
63 28.3 24.6 36.8

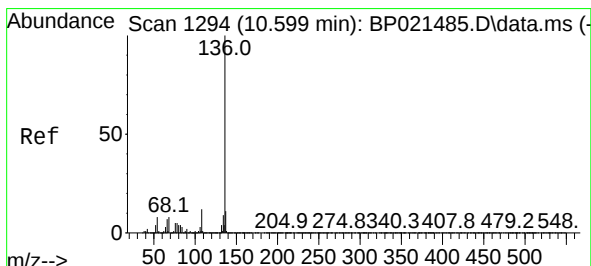
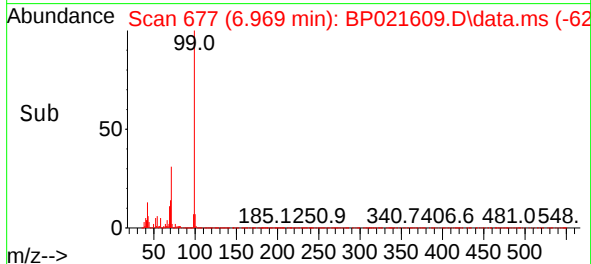
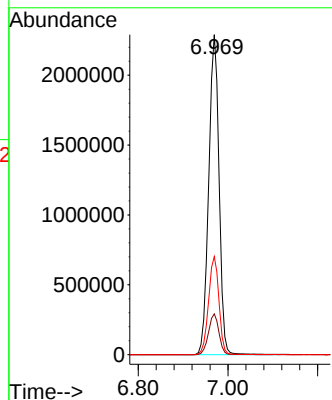
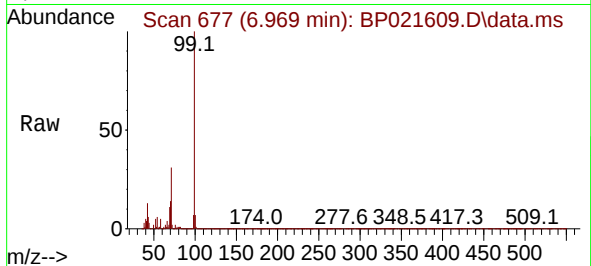




#7
Phenol-d6
Concen: 128.058 ng
RT: 6.969 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021609.D
Acq: 22 Aug 2024 11:33

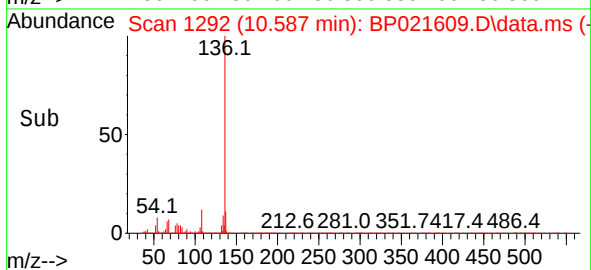
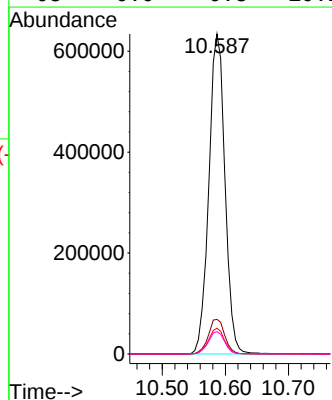
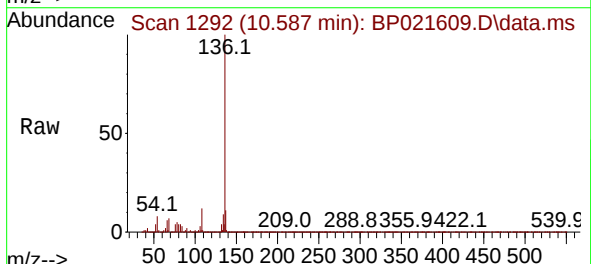
Instrument :
BNA_P
ClientSampleId :
PB162379BL

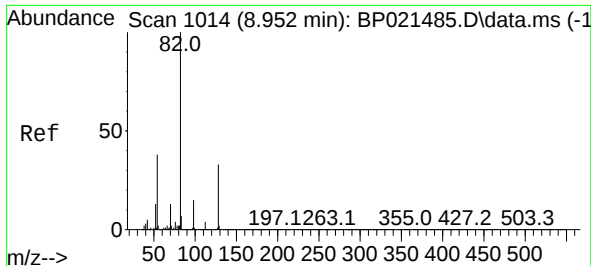
Tgt Ion: 99 Resp: 3657789
Ion Ratio Lower Upper
99 100
42 12.7 10.2 15.4
71 30.6 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BP021609.D
Acq: 22 Aug 2024 11:33

Tgt Ion:136 Resp: 1124987
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.0 6.3 9.5
68 6.9 6.8 10.2

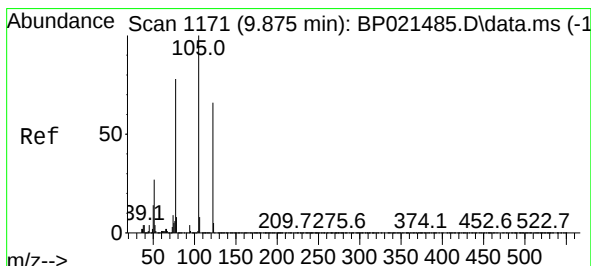
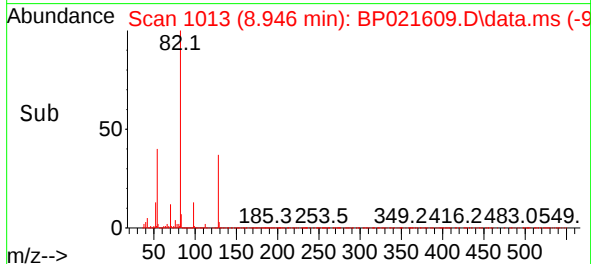
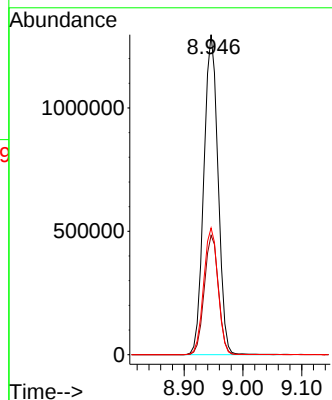
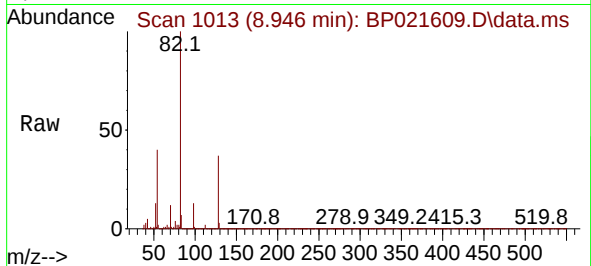




#23
Nitrobenzene-d5
Concen: 99.764 ng
RT: 8.946 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BP021609.D
Acq: 22 Aug 2024 11:33

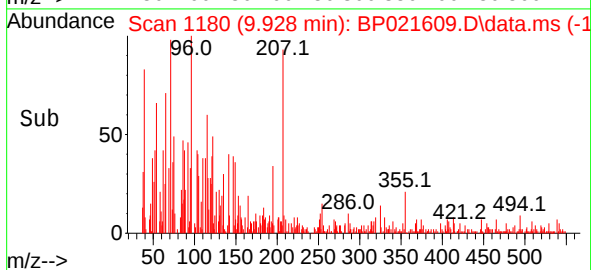
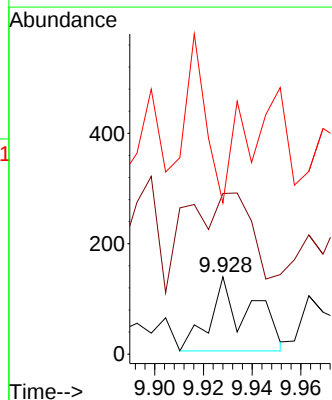
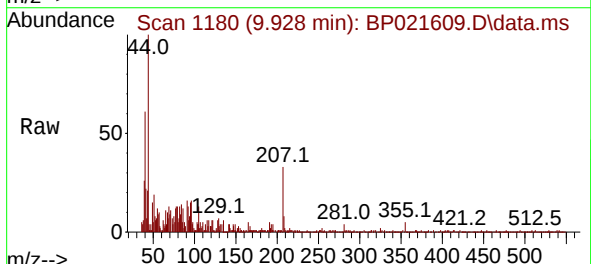
Instrument :
BNA_P
ClientSampleId :
PB162379BL

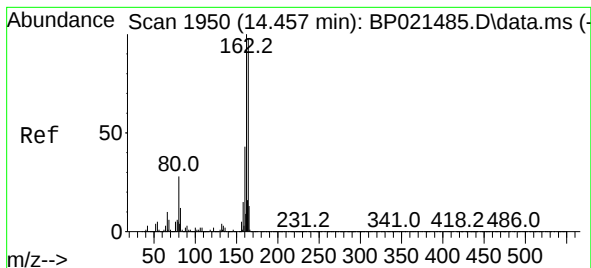
Tgt Ion: 82 Resp: 2174428
Ion Ratio Lower Upper
82 100
128 37.3 26.5 39.7
54 39.6 30.3 45.5



#32
Benzoic acid
Concen: 3.345 ng
RT: 9.928 min Scan# 1180
Delta R.T. 0.035 min
Lab File: BP021609.D
Acq: 22 Aug 2024 11:33

Tgt Ion: 122 Resp: 157
Ion Ratio Lower Upper
122 100
105 207.9 124.6 164.6#
77 195.7 96.2 136.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1948

Delta R.T. -0.000 min

Lab File: BP021609.D

Acq: 22 Aug 2024 11:33

Instrument :

BNA_P

ClientSampleId :

PB162379BL

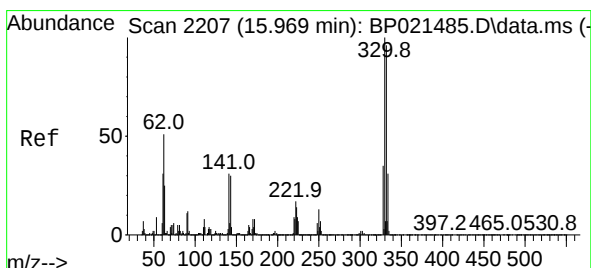
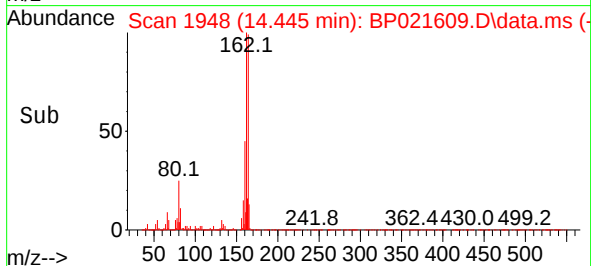
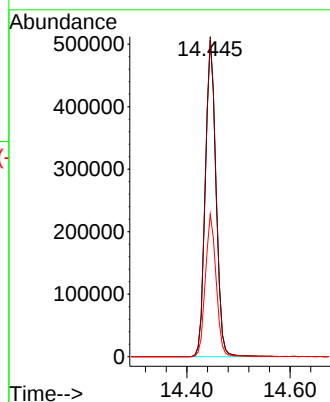
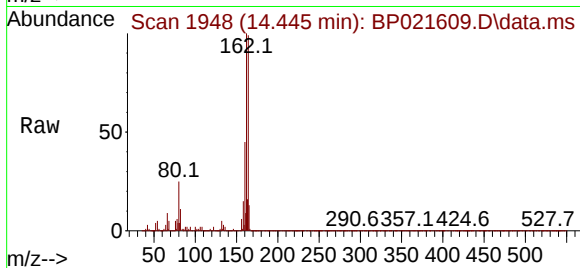
Tgt Ion:164 Resp: 726278

Ion Ratio Lower Upper

164 100

162 101.1 81.5 122.3

160 45.0 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 175.892 ng

RT: 15.969 min Scan# 2207

Delta R.T. 0.012 min

Lab File: BP021609.D

Acq: 22 Aug 2024 11:33

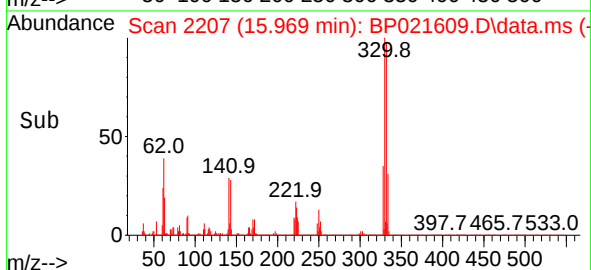
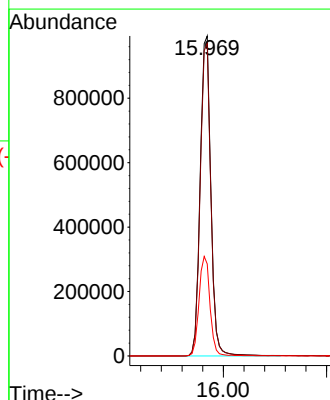
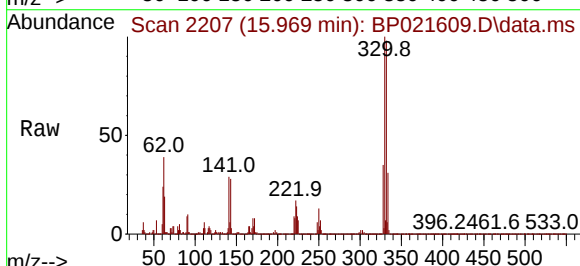
Tgt Ion:330 Resp: 1421767

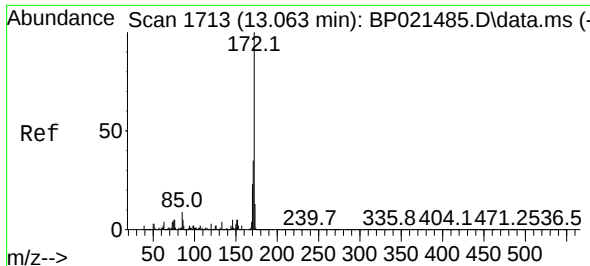
Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.0

141 32.1 24.5 36.7

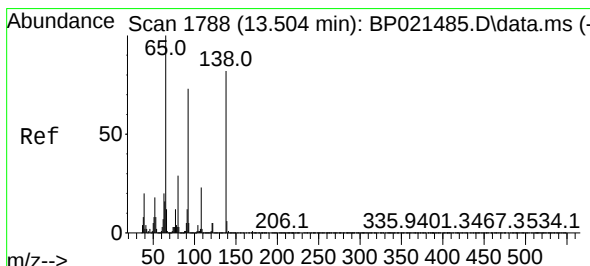
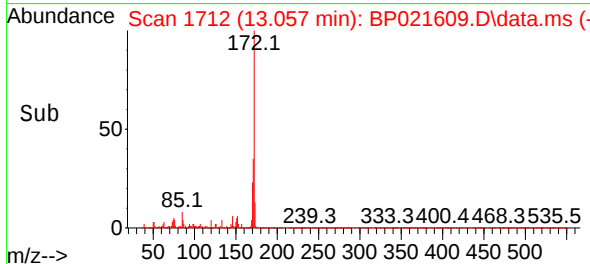
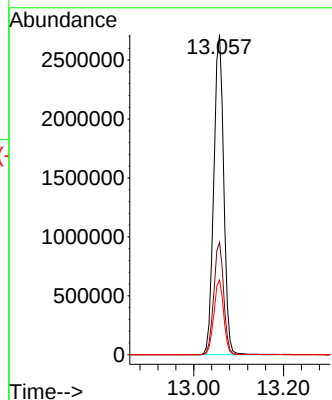
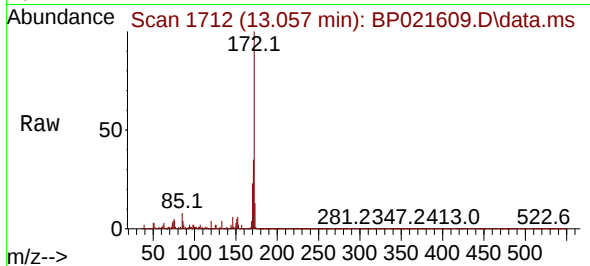




#45
2-Fluorobiphenyl
Concen: 87.882 ng
RT: 13.057 min Scan# 1712
Delta R.T. 0.006 min
Lab File: BP021609.D
Acq: 22 Aug 2024 11:33

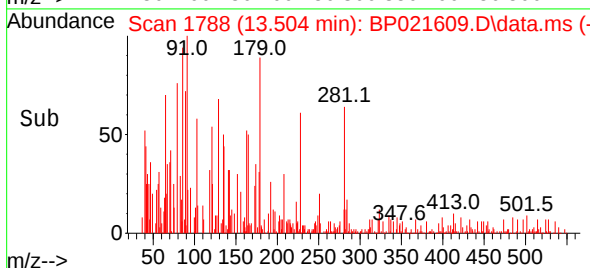
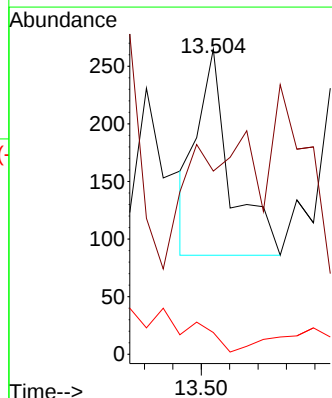
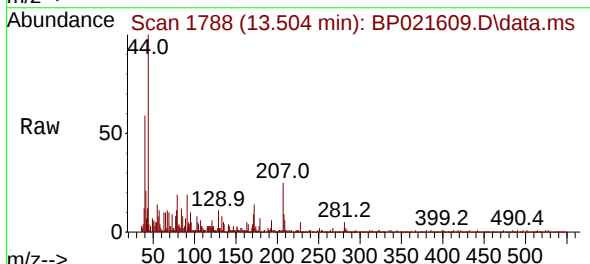
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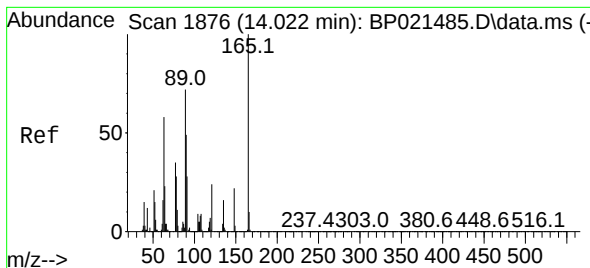
Tgt Ion:172 Resp: 4182185
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.3 18.4 27.6



#48
2-Nitroaniline
Concen: 5.159 ng
RT: 13.504 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BP021609.D
Acq: 22 Aug 2024 11:33

Tgt Ion: 65 Resp: 144
Ion Ratio Lower Upper
65 100
92 51.5 58.1 87.1#
138 6.1 65.5 98.3#

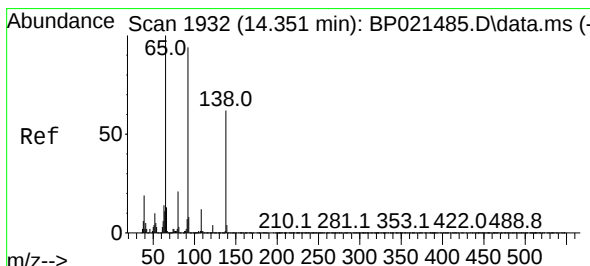
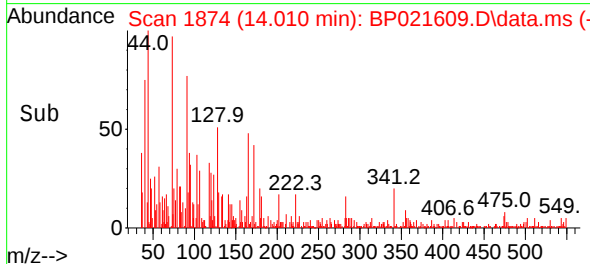
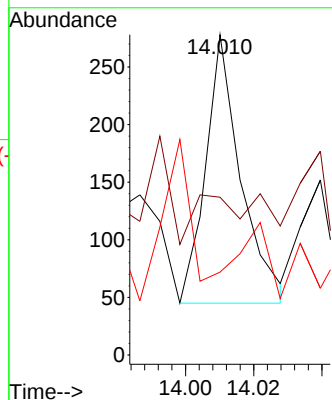
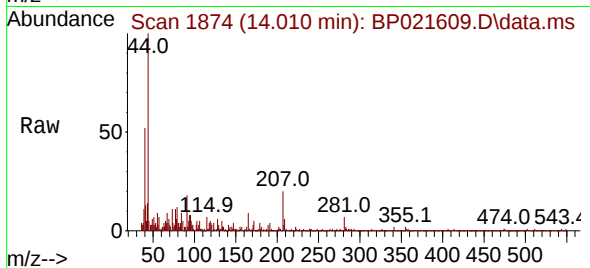




#51
2,6-Dinitrotoluene
Concen: 4.001 ng
RT: 14.010 min Scan# 1876
Delta R.T. 0.006 min
Lab File: BP021609.D
Acq: 22 Aug 2024 11:33

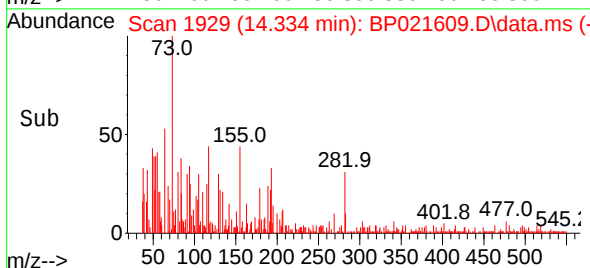
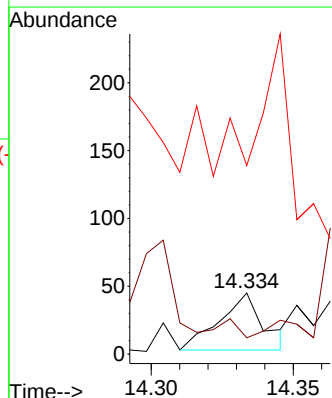
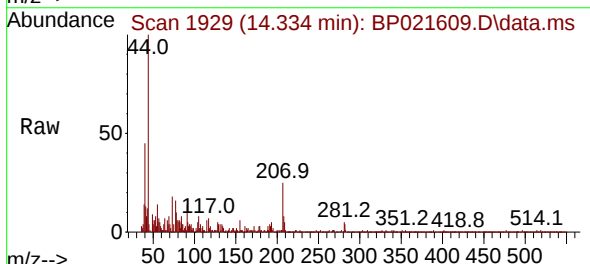
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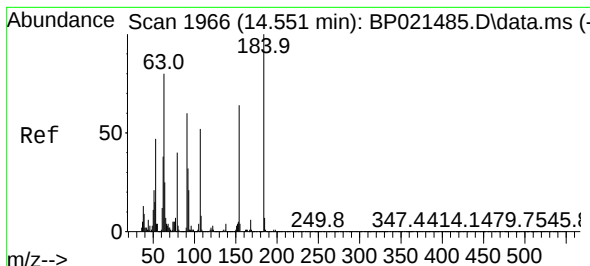
Tgt Ion:165 Resp: 167
Ion Ratio Lower Upper
165 100
63 49.3 51.5 77.3#
89 30.2 57.8 86.8#



#53
3-Nitroaniline
Concen: 3.973 ng
RT: 14.334 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BP021609.D
Acq: 22 Aug 2024 11:33

Tgt Ion:138 Resp: 45
Ion Ratio Lower Upper
138 100
108 23.1 16.2 24.4
92 267.3 122.2 183.4#

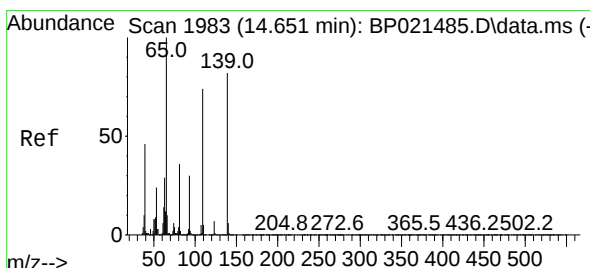
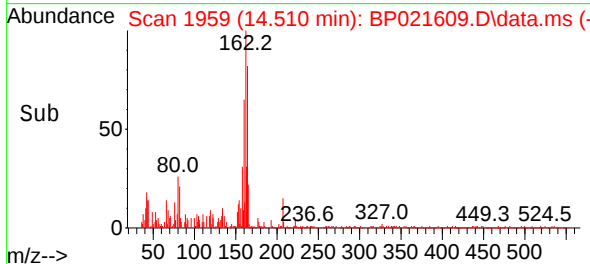
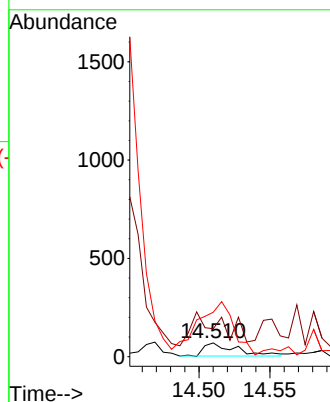
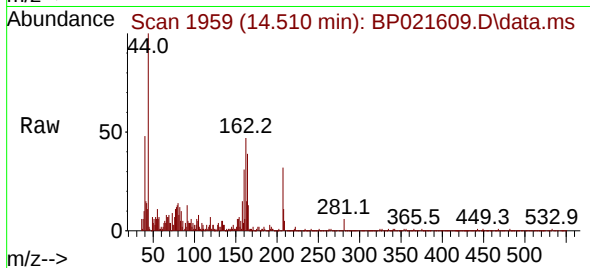




#54
2,4-Dinitrophenol
Concen: 2.491 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.035 min
Lab File: BP021609.D
Acq: 22 Aug 2024 11:33

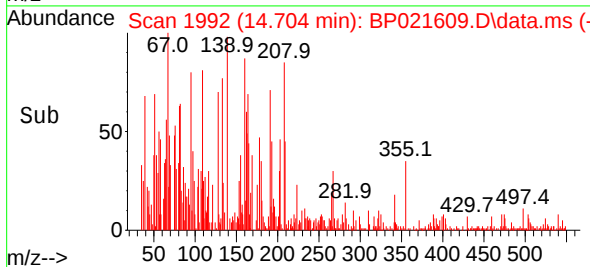
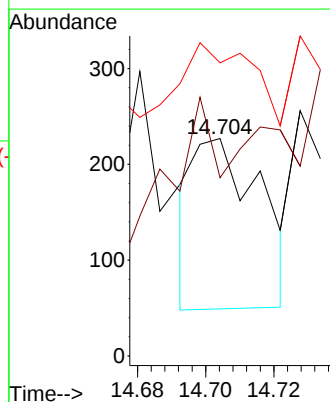
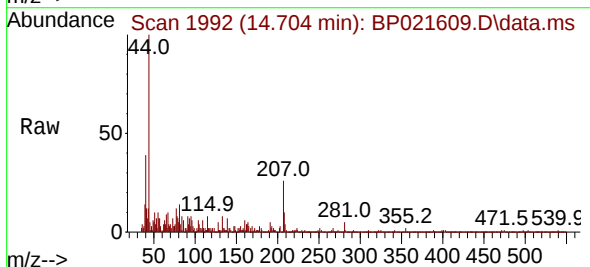
Instrument :
BNA_P
ClientSampleId :
PB162379BL

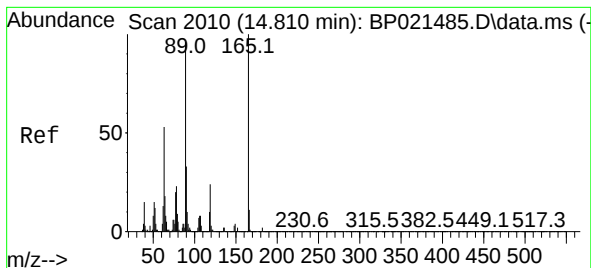
Tgt Ion:184 Resp: 109
Ion Ratio Lower Upper
184 100
63 202.9 64.9 97.3#
154 322.9 52.1 78.1#



#56
4-Nitrophenol
Concen: 5.107 ng
RT: 14.704 min Scan# 1992
Delta R.T. 0.053 min
Lab File: BP021609.D
Acq: 22 Aug 2024 11:33

Tgt Ion:139 Resp: 242
Ion Ratio Lower Upper
139 100
109 81.9 70.2 110.2
65 134.8 101.8 141.8





#57

2,4-Dinitrotoluene

Concen: 5.036 ng

RT: 14.792 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BP021609.D

Acq: 22 Aug 2024 11:33

Instrument :

BNA_P

ClientSampleId :

PB162379BL

Tgt Ion:165 Resp: 185

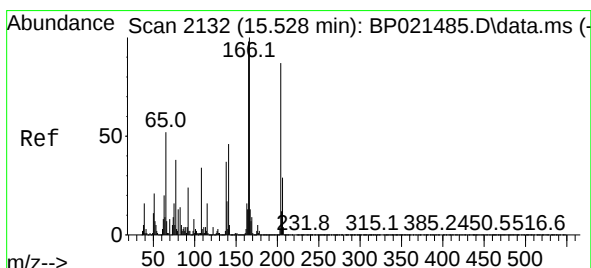
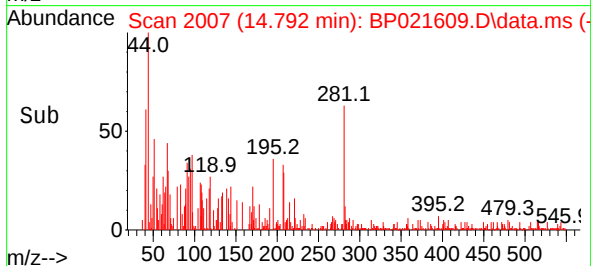
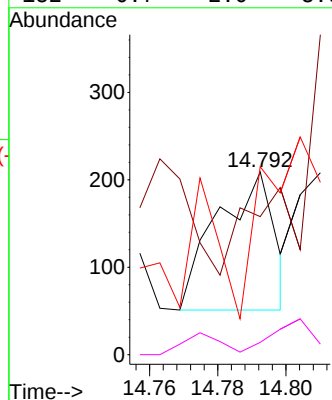
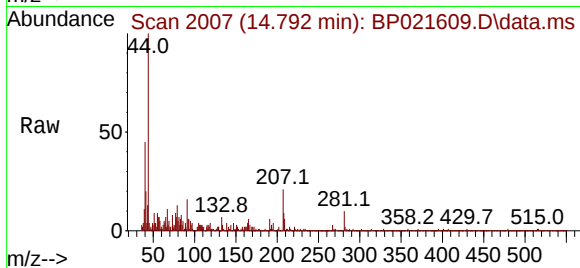
Ion Ratio Lower Upper

165 100

63 75.6 42.5 63.7#

89 102.9 77.1 115.7

182 6.7 2.0 3.0#



#62

4-Nitroaniline

Concen: 2.941 ng

RT: 15.463 min Scan# 2121

Delta R.T. -0.047 min

Lab File: BP021609.D

Acq: 22 Aug 2024 11:33

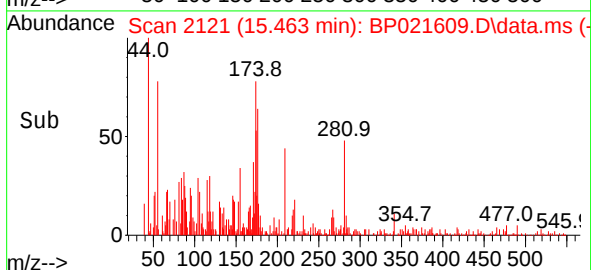
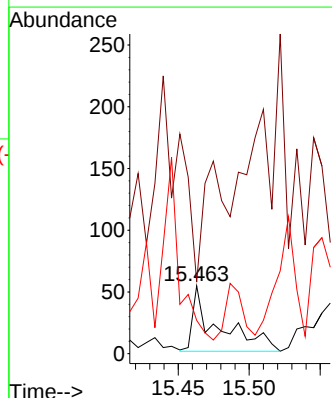
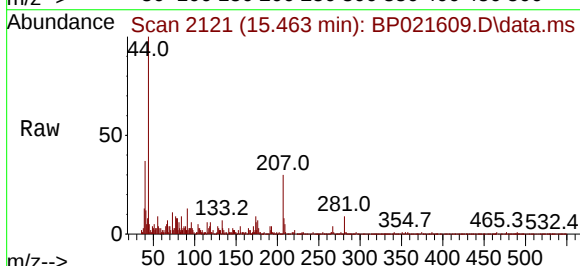
Tgt Ion:138 Resp: 66

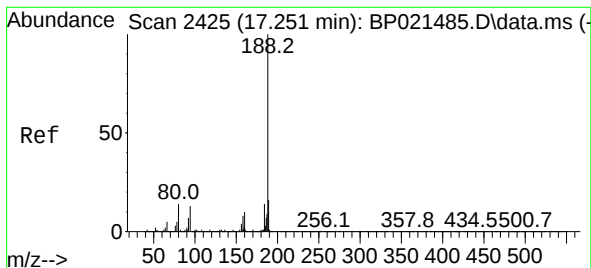
Ion Ratio Lower Upper

138 100

92 105.5 46.4 86.4#

108 49.1 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: BP021609.D

Acq: 22 Aug 2024 11:33

Instrument :

BNA_P

ClientSampleId :

PB162379BL

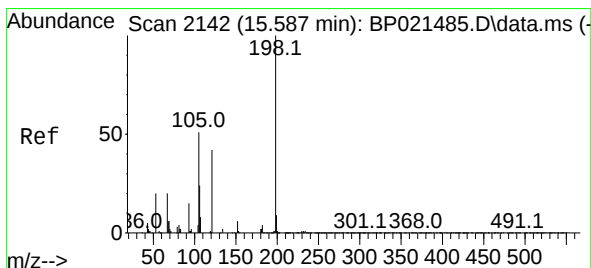
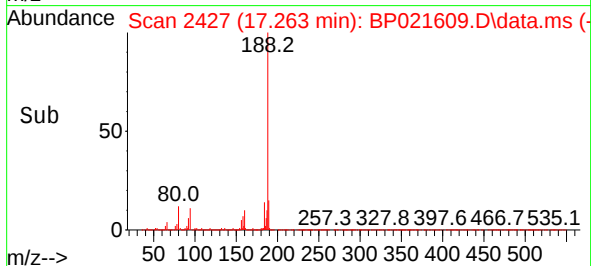
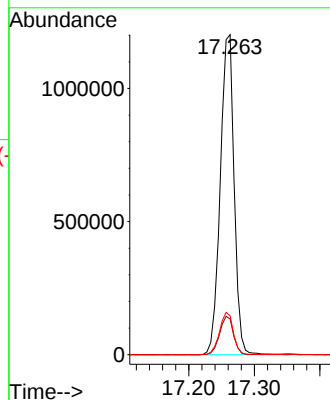
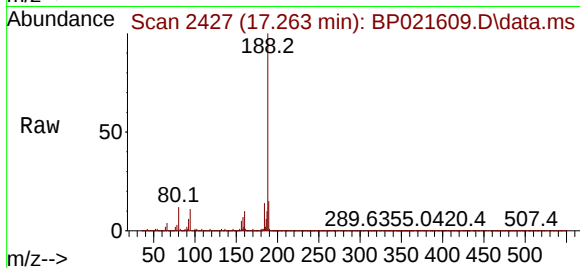
Tgt Ion:188 Resp: 1754800

Ion Ratio Lower Upper

188 100

94 11.2 10.2 15.4

80 12.2 11.6 17.4



#65

4,6-Dinitro-2-methylphenol

Concen: 4.614 ng

RT: 15.604 min Scan# 2145

Delta R.T. 0.018 min

Lab File: BP021609.D

Acq: 22 Aug 2024 11:33

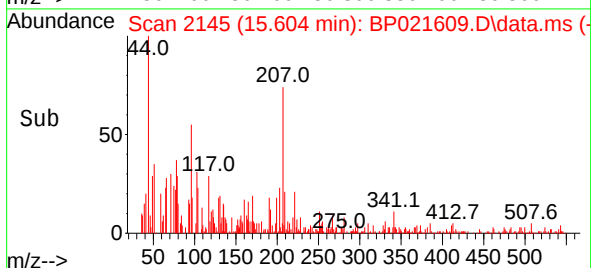
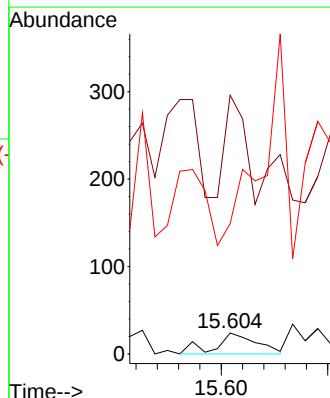
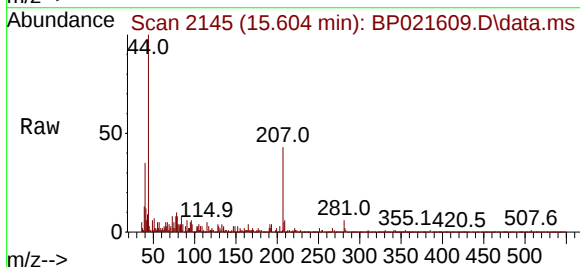
Tgt Ion:198 Resp: 32

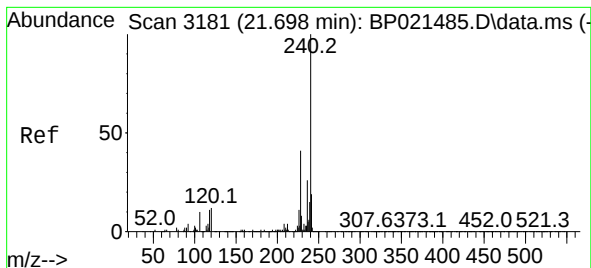
Ion Ratio Lower Upper

198 100

51 1233.3 21.5 61.5#

105 620.8 32.9 72.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.716 min Scan# 3184

Delta R.T. -0.000 min

Lab File: BP021609.D

Acq: 22 Aug 2024 11:33

Instrument :

BNA_P

ClientSampleId :

PB162379BL

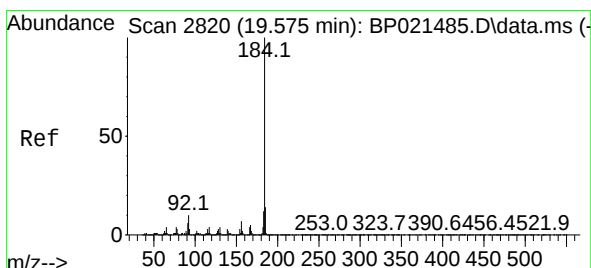
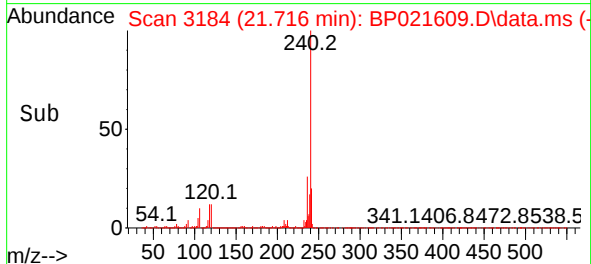
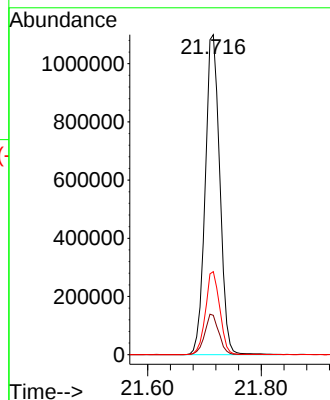
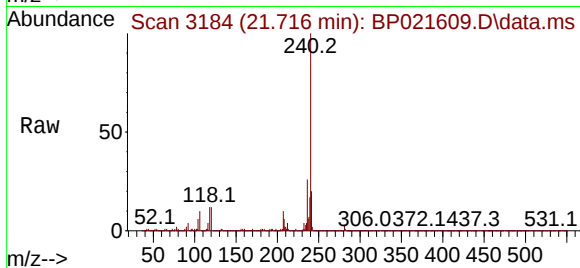
Tgt Ion:240 Resp: 1947306

Ion Ratio Lower Upper

240 100

120 12.3 9.9 14.9

236 25.9 20.6 30.8



#77

Benzidine

Concen: 4.595 ng

RT: 19.580 min Scan# 2821

Delta R.T. 0.006 min

Lab File: BP021609.D

Acq: 22 Aug 2024 11:33

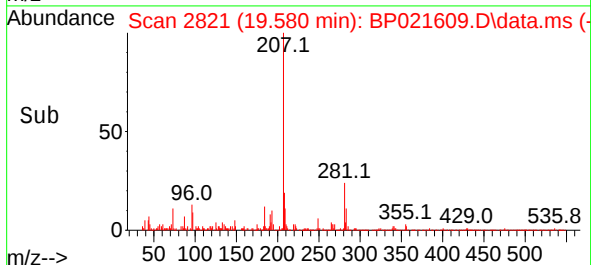
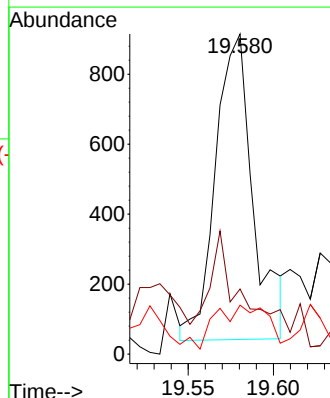
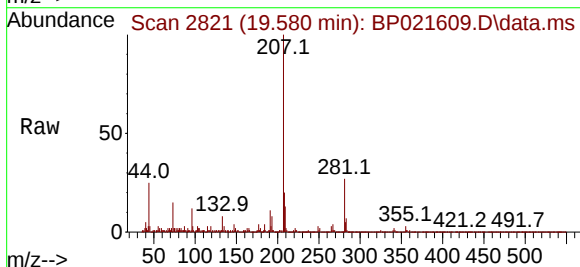
Tgt Ion:184 Resp: 1340

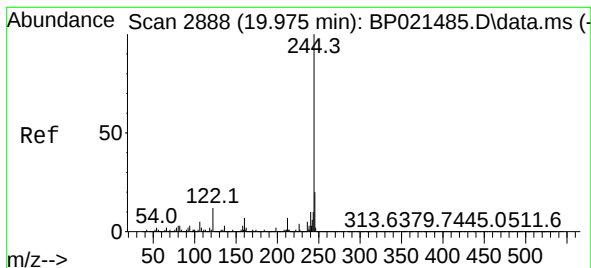
Ion Ratio Lower Upper

184 100

185 20.3 11.4 17.0#

183 15.3 9.3 13.9#





#79

Terphenyl-d14

Concen: 89.102 ng

RT: 19.980 min Scan# 2888

Delta R.T. 0.006 min

Lab File: BP021609.D

Acq: 22 Aug 2024 11:33

Instrument :

BNA_P

ClientSampleId :

PB162379BL

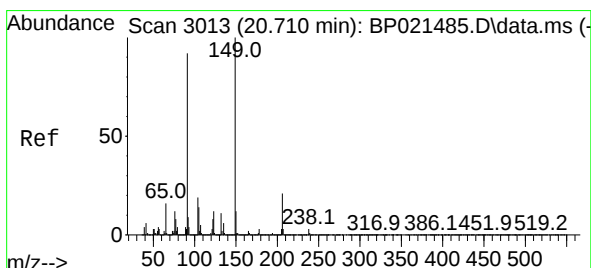
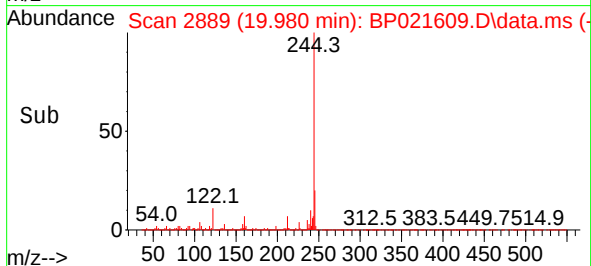
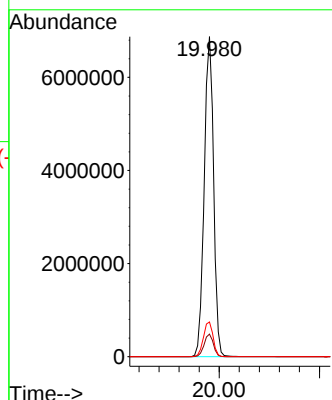
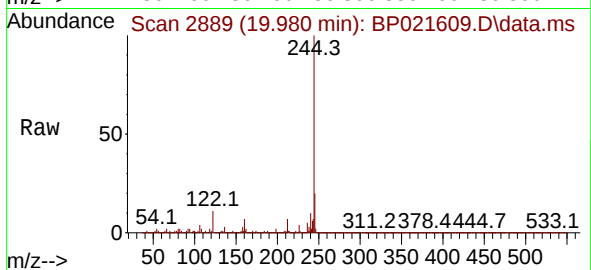
Tgt Ion:244 Resp: 8931165

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.9 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.626 ng

RT: 20.710 min Scan# 3013

Delta R.T. -0.000 min

Lab File: BP021609.D

Acq: 22 Aug 2024 11:33

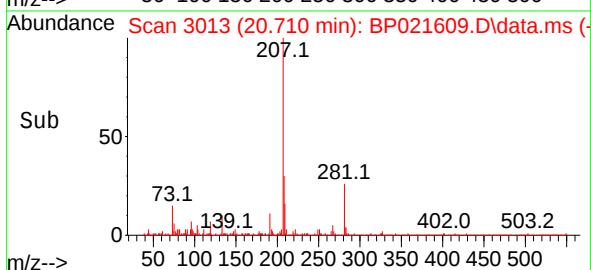
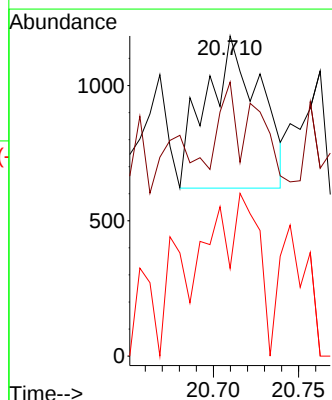
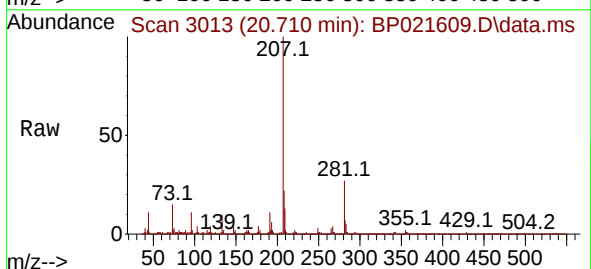
Tgt Ion:149 Resp: 1229

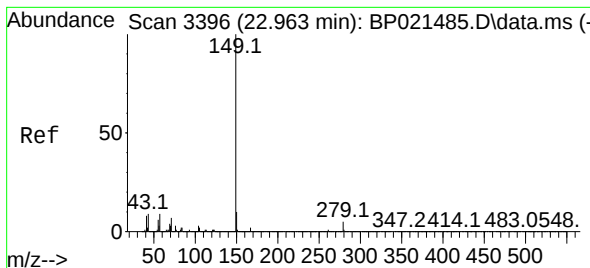
Ion Ratio Lower Upper

149 100

91 85.6 73.3 109.9

206 27.4 17.1 25.7#





#85

Di-n-octyl phthalate

Concen: 4.845 ng

RT: 22.963 min Scan# 3396

Delta R.T. -0.000 min

Lab File: BP021609.D

Acq: 22 Aug 2024 11:33

Instrument :

BNA_P

ClientSampleId :

PB162379BL

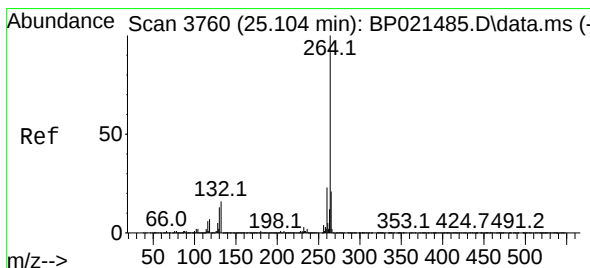
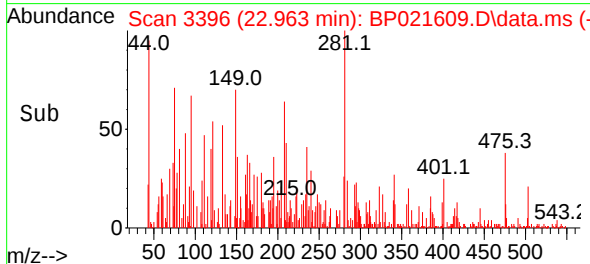
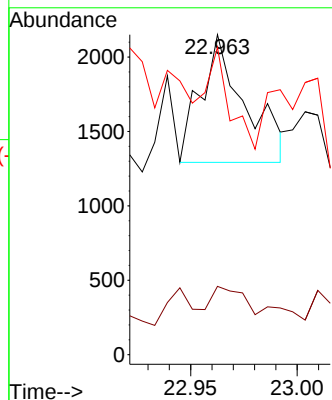
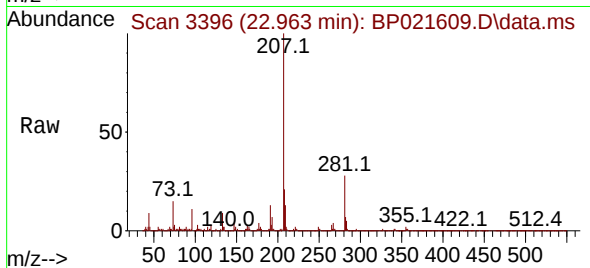
Tgt Ion:149 Resp: 1240

Ion Ratio Lower Upper

149 100

167 25.5 1.3 1.9#

43 0.0 7.3 10.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.151 min Scan# 3768

Delta R.T. -0.000 min

Lab File: BP021609.D

Acq: 22 Aug 2024 11:33

Tgt Ion:264 Resp: 2180549

Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 22.4 17.1 25.7

